Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121019\
Data File : PO064518.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Dec 2019 21:54
Operator : SM/AJ
Sample : K6142-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
6E

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 05:31:52 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Nov 28 01:28:08 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.318	3.566	850136	767960	28.706	32.287	
2)	SA Decachlor...	9.943	8.522	447518	486389	10.919	11.907	
	Target Compounds							
3)	L1 AR-1016-1	5.449	4.579	56564	53930	43.573	51.509	
4)	L1 AR-1016-2	5.506	4.725	13836	41502	7.589	29.420	#
5)	L1 AR-1016-3	5.561	4.837	6133	16728	5.343	21.719	#
6)	L1 AR-1016-4	5.664	4.875	14809	186034	15.747	285.978	#
7)	L1 AR-1016-5	5.952	5.085	87270	52394	89.681	62.935	#
8)	L2 AR-1221-1	4.455	3.768	23814	11996	67.034	45.854	#
9)	L2 AR-1221-2	4.622	3.866	10469	19574	37.864	97.939	#
10)	L2 AR-1221-3	4.704	3.994	14410	79538	17.161	123.002	#
11)	L3 AR-1232-1	4.704	3.994	14410	79538	11.239	78.540	#
12)	L3 AR-1232-2	5.166	4.725	40713	41502	57.953	38.068	#
13)	L3 AR-1232-3	5.506	4.837	13836	16728	9.991	28.775	#
14)	L3 AR-1232-4	5.664	4.916	14809	58925	20.814	110.994	#
15)	L3 AR-1232-5	5.749	5.085	178816	52394	317.493	89.483	#
16)	L4 AR-1242-1	5.449	4.579	56564	53930	59.404	70.430	
17)	L4 AR-1242-2	5.506	4.725	13836	41502	10.244	40.169	#
18)	L4 AR-1242-3	5.561	4.837	6133	16728	7.146	29.850	#
19)	L4 AR-1242-4	5.664	4.916	14809	58925	21.179	103.892	#
20)	L4 AR-1242-5	6.396	5.435	201643	1028194	238.683	1310.136	#
21)	L5 AR-1248-1	5.449	4.579	56564	53930	100.845	120.101	
22)	L5 AR-1248-2	5.749	4.875	178816	186034	215.779	295.860	#
23)	L5 AR-1248-3	5.952	4.916	87270	58925	94.871	91.325	
24)	L5 AR-1248-4	6.354	5.085	209229	52394	188.768	66.468	#
25)	L5 AR-1248-5	6.396	5.435	201643	1028194	187.929	848.651	#
26)	L6 AR-1254-1	6.327	5.435	965721	1028194	591.695	523.158	
27)	L6 AR-1254-2	6.544	5.581	2188138	1983832	839.381	1107.728	#
28)	L6 AR-1254-3	6.909	5.983	2649224	4684798	917.874	1513.753	#
29)	L6 AR-1254-4	7.194	6.210	2257471	2125262	985.730	1030.055	
30)	L6 AR-1254-5	7.610	6.625	7343512	7418459	2873.886	2459.542	
31)	L7 AR-1260-1	7.072	6.111	3609785	4146497	1912.801	2362.385	
32)	L7 AR-1260-2	7.328	6.298	5595490	6060867	2392.564	2724.259	
33)	L7 AR-1260-3	7.685	6.452	5371195	4321156	2901.310	2125.275	#
34)	L7 AR-1260-4	7.909	6.920	5856621	4972168	2672.321	2680.761	
35)	L7 AR-1260-5	8.221	7.161	8614106	11498029	1951.115	2374.933	
36)	L8 AR-1262-1	7.685	6.715	5371195	2422167	1799.010	1927.666	
37)	L8 AR-1262-2	8.221	7.161	8614106	11498029	1562.301	1927.484	
38)	L8 AR-1262-3	8.520	7.443	6532252	4351762	1688.247	1866.708	
39)	L8 AR-1262-4	8.605	7.507	4129298	7873197	1412.557	1768.030	#
40)	L8 AR-1262-5	9.233	7.999	2917195	3247172	1389.875	1537.462	
41)	L9 AR-1268-1	8.520	7.443	6532252	4351762	1001.895	623.296	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121019\
Data File : PO064518.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Dec 2019 21:54
Operator : SM/AJ
Sample : K6142-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
6E

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 05:31:52 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Nov 28 01:28:08 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42)	L9 AR-1268-2	8.605	7.507	4129298	7873197	683.486	1229.700	#
43)	L9 AR-1268-3	8.824	7.713	238249	206429	47.986	39.414	
44)	L9 AR-1268-4	9.233	7.999	2917195	3247172	1246.836	1389.941	
45)	L9 AR-1268-5	9.625	8.278	941054	980035	61.258	59.336	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

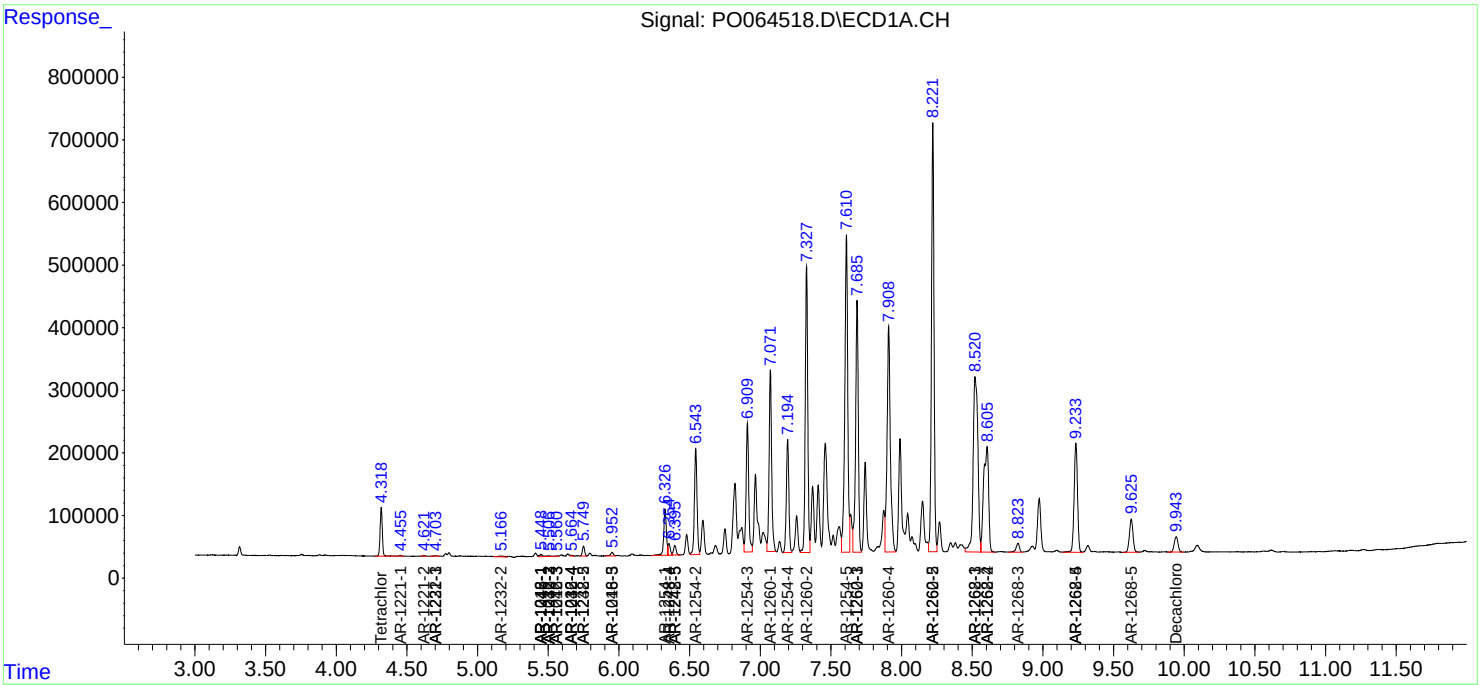
Quantitation Report (Not Reviewed)

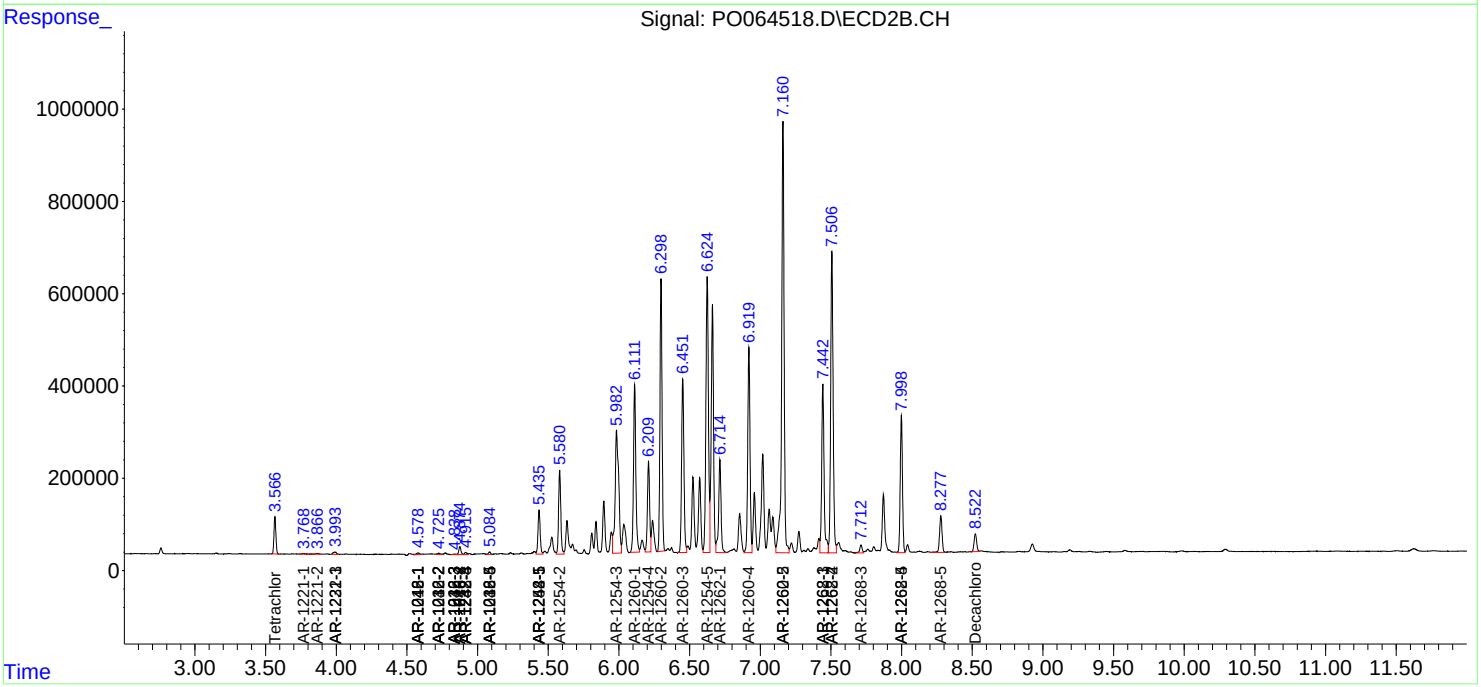
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121019\
Data File : PO064518.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Dec 2019 21:54
Operator : SM/AJ
Sample : K6142-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
6E

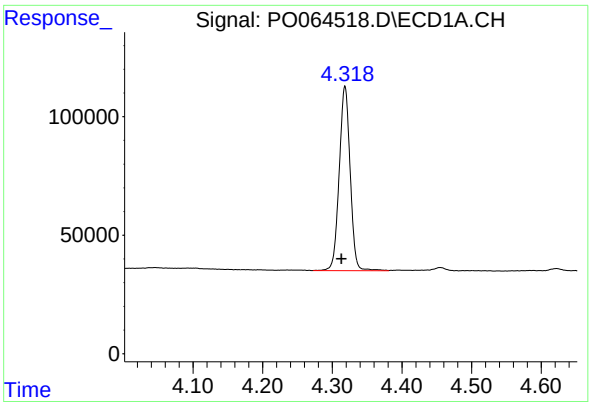
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 05:31:52 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Nov 28 01:28:08 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



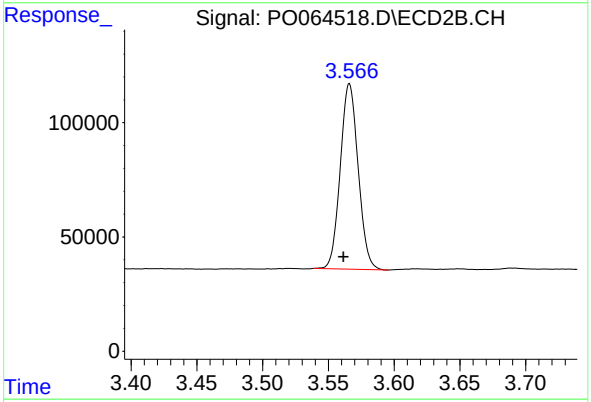


Instrument :
ECD_O
ClientSampleId :
6E



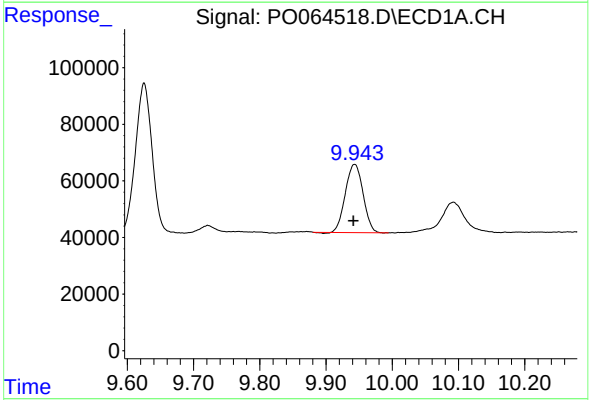
#1 Tetrachloro-m-xylene

R.T.: 4.318 min
Delta R.T.: 0.005 min
Response: 850136
Conc: 28.71 ng/ml



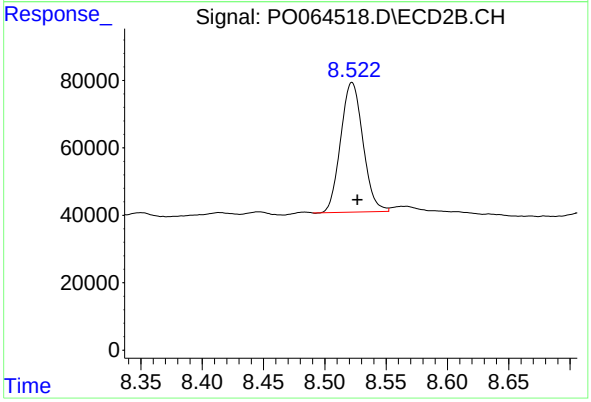
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.005 min
Response: 767960
Conc: 32.29 ng/ml



#2 Decachlorobiphenyl

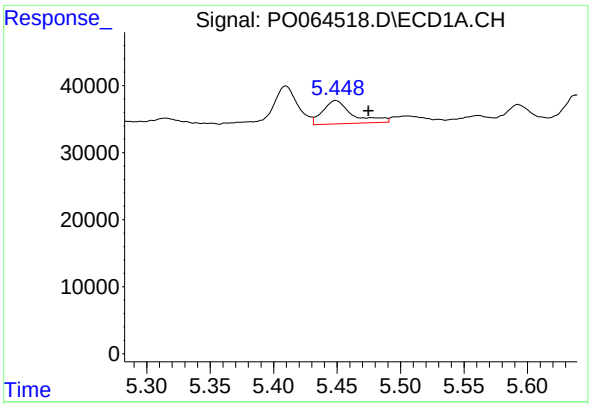
R.T.: 9.943 min
Delta R.T.: 0.002 min
Response: 447518
Conc: 10.92 ng/ml



#2 Decachlorobiphenyl

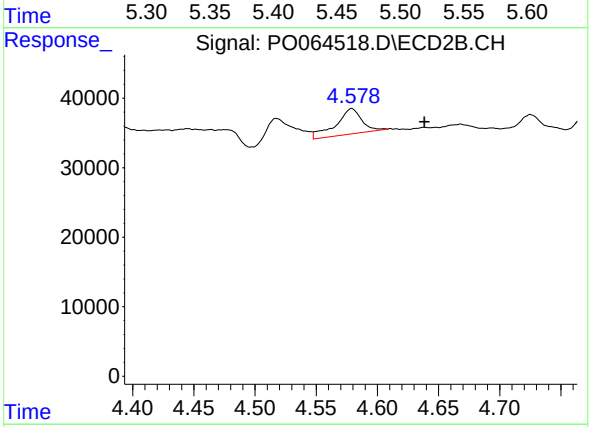
R.T.: 8.522 min
Delta R.T.: -0.004 min
Response: 486389
Conc: 11.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



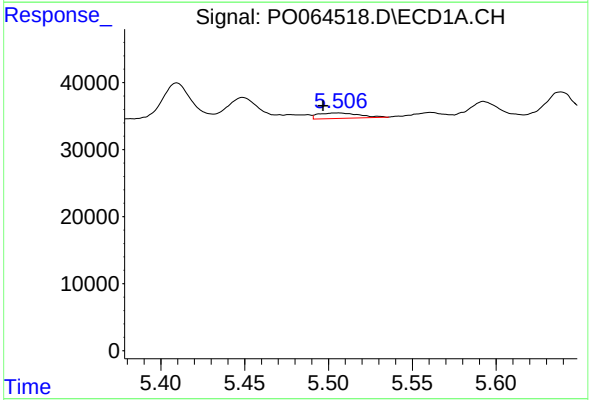
#3 AR-1016-1

R.T.: 5.449 min
Delta R.T.: -0.026 min
Response: 56564
Conc: 43.57 ng/ml



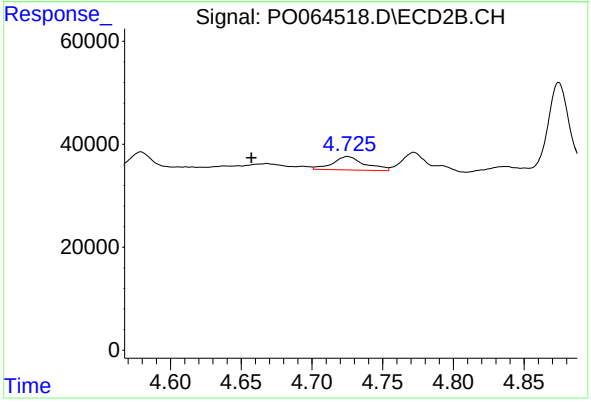
#3 AR-1016-1

R.T.: 4.579 min
Delta R.T.: -0.059 min
Response: 53930
Conc: 51.51 ng/ml



#4 AR-1016-2

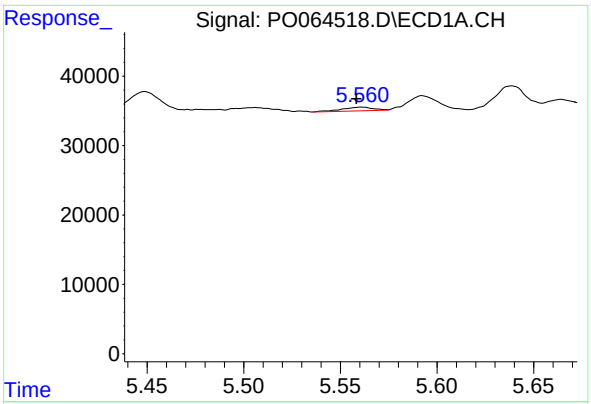
R.T.: 5.506 min
Delta R.T.: 0.009 min
Response: 13836
Conc: 7.59 ng/ml



#4 AR-1016-2

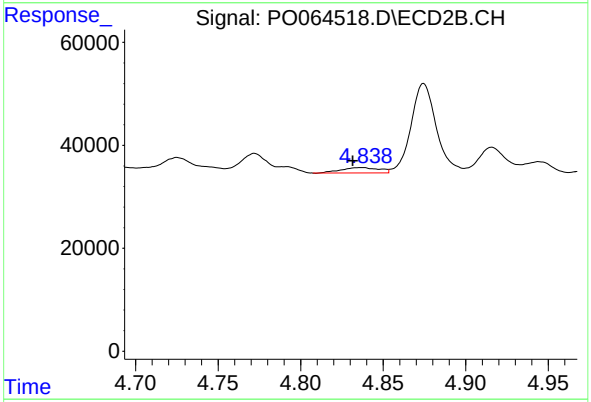
R.T.: 4.725 min
Delta R.T.: 0.068 min
Response: 41502
Conc: 29.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



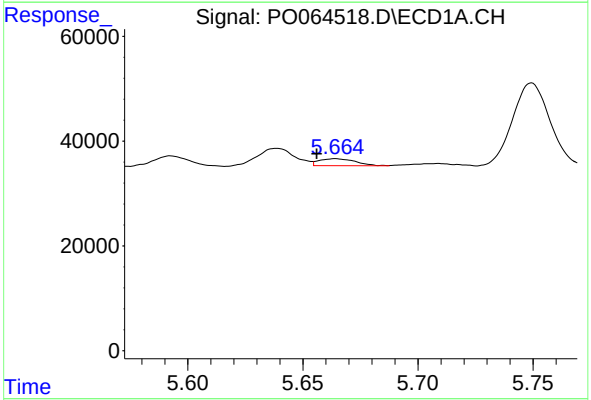
#5 AR-1016-3

R.T.: 5.561 min
Delta R.T.: 0.003 min
Response: 6133
Conc: 5.34 ng/ml



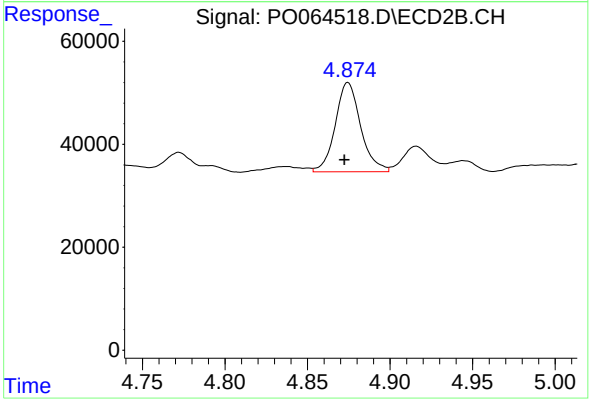
#5 AR-1016-3

R.T.: 4.837 min
Delta R.T.: 0.005 min
Response: 16728
Conc: 21.72 ng/ml



#6 AR-1016-4

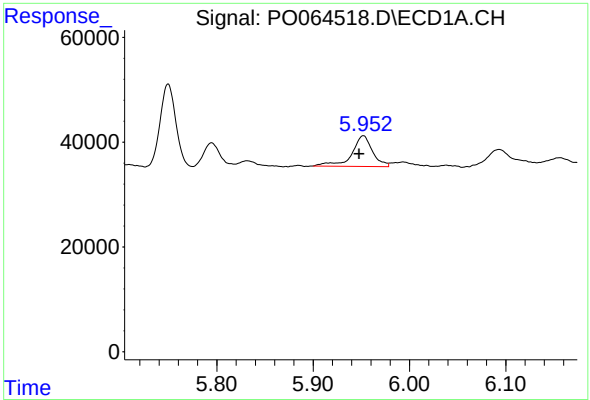
R.T.: 5.664 min
Delta R.T.: 0.008 min
Response: 14809
Conc: 15.75 ng/ml



#6 AR-1016-4

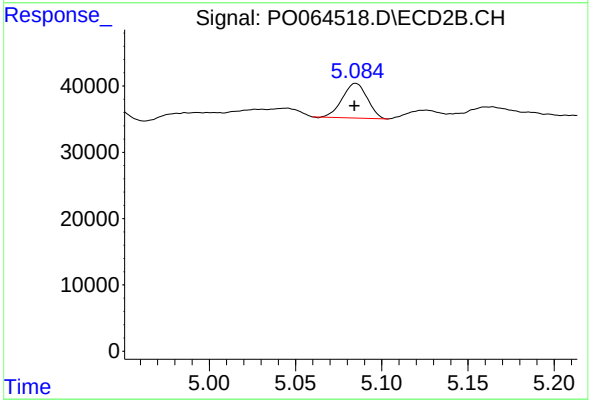
R.T.: 4.875 min
Delta R.T.: 0.002 min
Response: 186034
Conc: 285.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



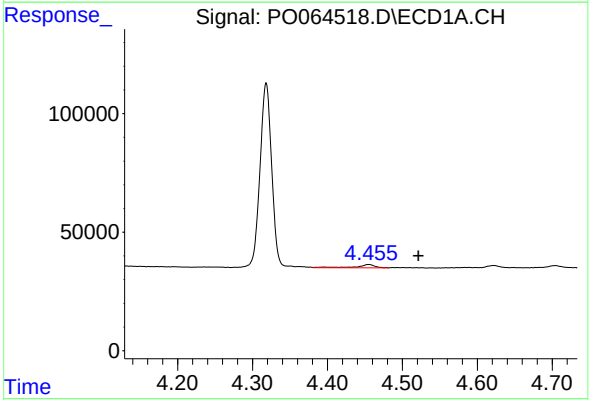
#7 AR-1016-5

R.T.: 5.952 min
Delta R.T.: 0.004 min
Response: 87270
Conc: 89.68 ng/ml



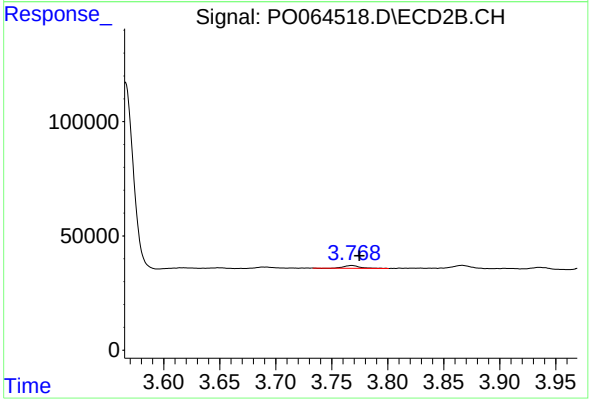
#7 AR-1016-5

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 52394
Conc: 62.93 ng/ml



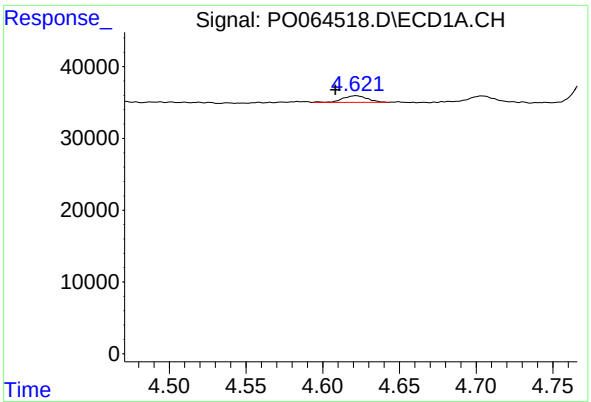
#8 AR-1221-1

R.T.: 4.455 min
Delta R.T.: -0.067 min
Response: 23814
Conc: 67.03 ng/ml



#8 AR-1221-1

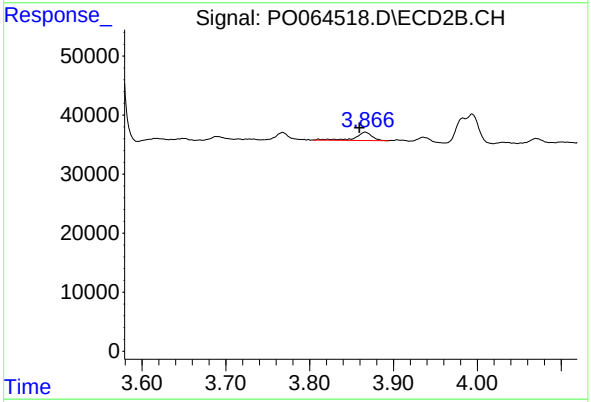
R.T.: 3.768 min
Delta R.T.: -0.007 min
Response: 11996
Conc: 45.85 ng/ml



#9 AR-1221-2

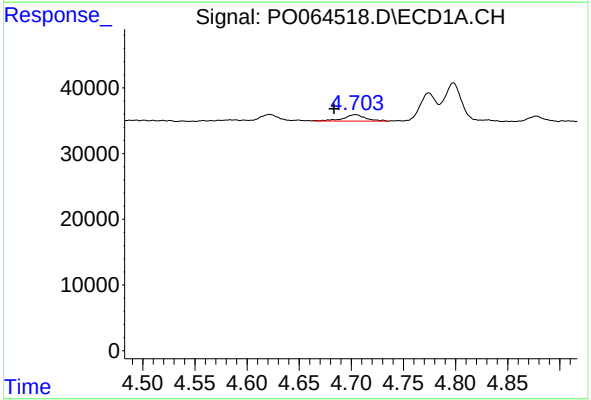
R.T.: 4.622 min
Delta R.T.: 0.013 min
Response: 10469
Conc: 37.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



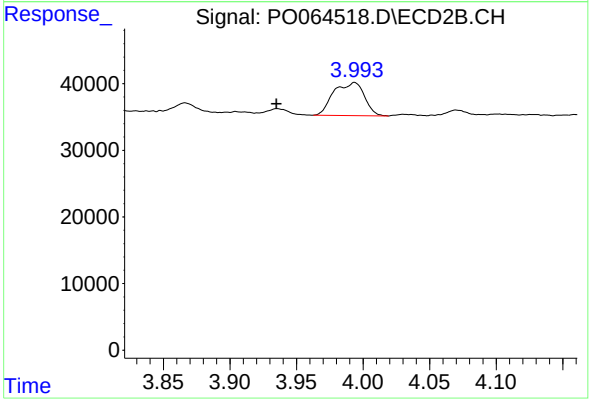
#9 AR-1221-2

R.T.: 3.866 min
Delta R.T.: 0.007 min
Response: 19574
Conc: 97.94 ng/ml



#10 AR-1221-3

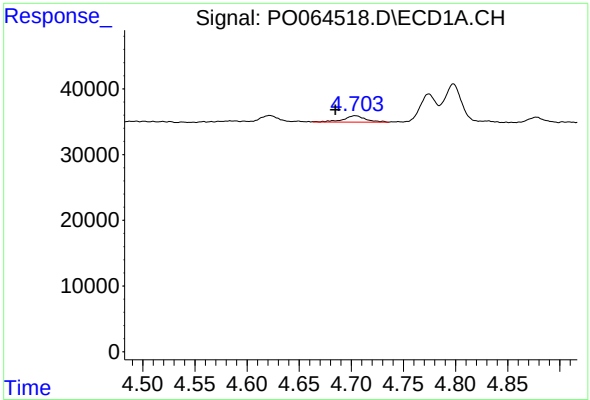
R.T.: 4.704 min
Delta R.T.: 0.020 min
Response: 14410
Conc: 17.16 ng/ml



#10 AR-1221-3

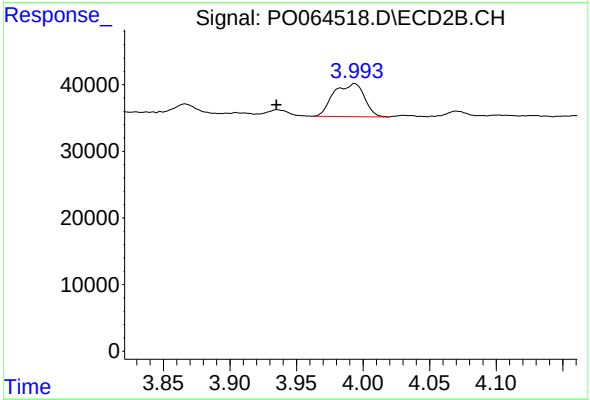
R.T.: 3.994 min
Delta R.T.: 0.059 min
Response: 79538
Conc: 123.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



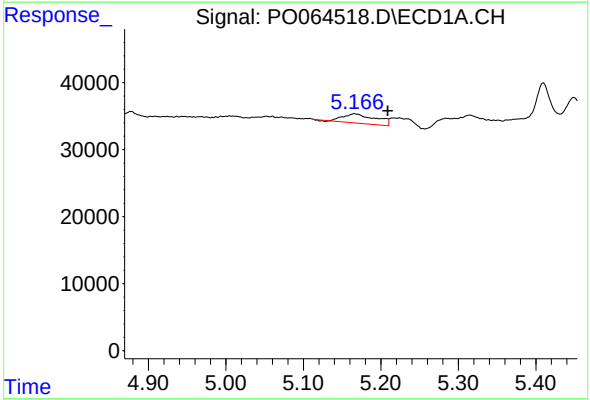
#11 AR-1232-1

R.T.: 4.704 min
Delta R.T.: 0.019 min
Response: 14410
Conc: 11.24 ng/ml



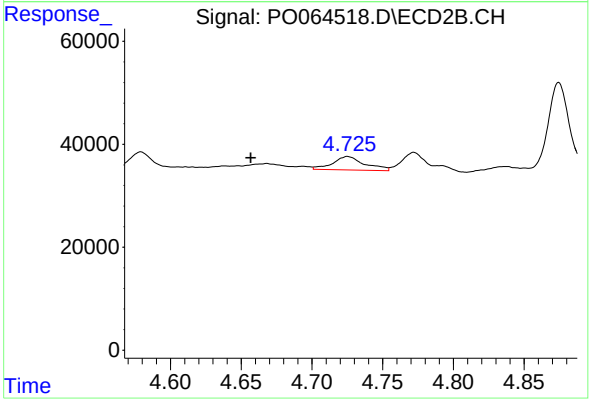
#11 AR-1232-1

R.T.: 3.994 min
Delta R.T.: 0.059 min
Response: 79538
Conc: 78.54 ng/ml



#12 AR-1232-2

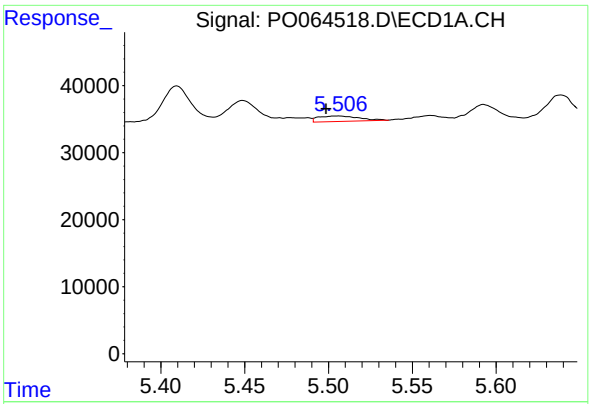
R.T.: 5.166 min
Delta R.T.: -0.043 min
Response: 40713
Conc: 57.95 ng/ml



#12 AR-1232-2

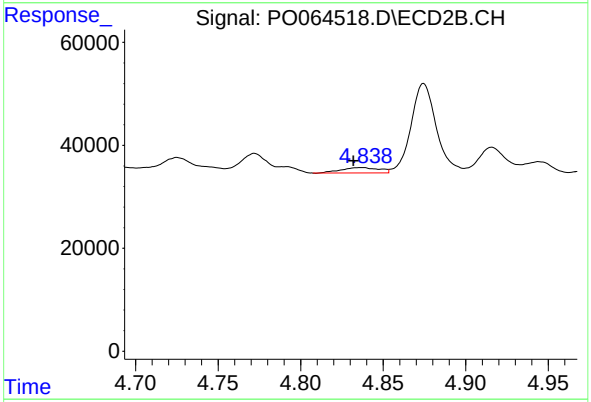
R.T.: 4.725 min
Delta R.T.: 0.068 min
Response: 41502
Conc: 38.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



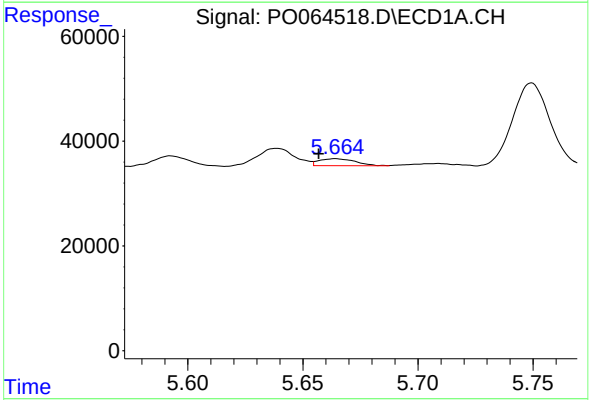
#13 AR-1232-3

R.T.: 5.506 min
Delta R.T.: 0.007 min
Response: 13836
Conc: 9.99 ng/ml



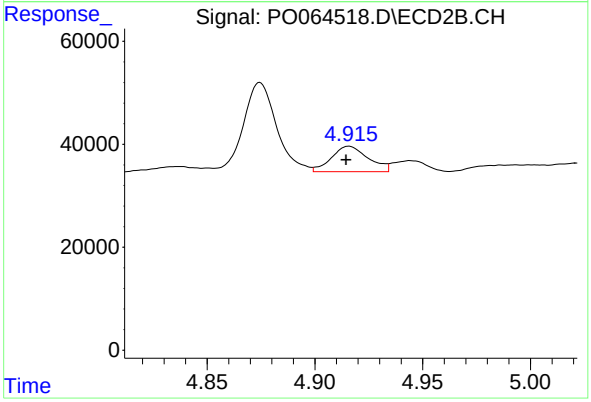
#13 AR-1232-3

R.T.: 4.837 min
Delta R.T.: 0.005 min
Response: 16728
Conc: 28.77 ng/ml



#14 AR-1232-4

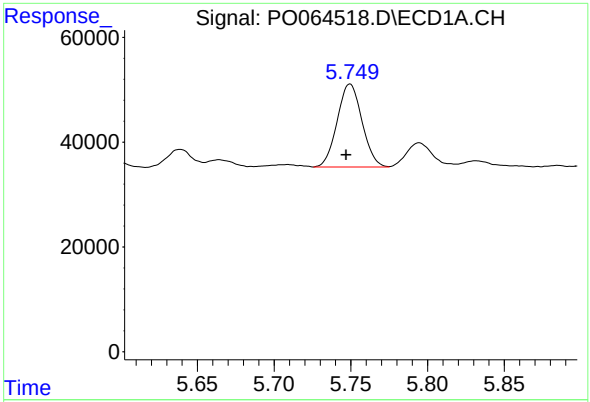
R.T.: 5.664 min
Delta R.T.: 0.007 min
Response: 14809
Conc: 20.81 ng/ml



#14 AR-1232-4

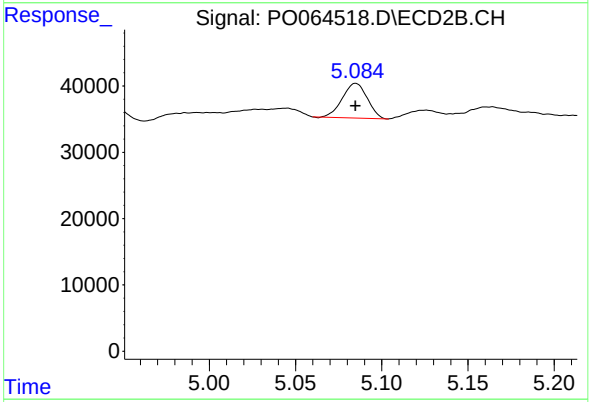
R.T.: 4.916 min
Delta R.T.: 0.001 min
Response: 58925
Conc: 110.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



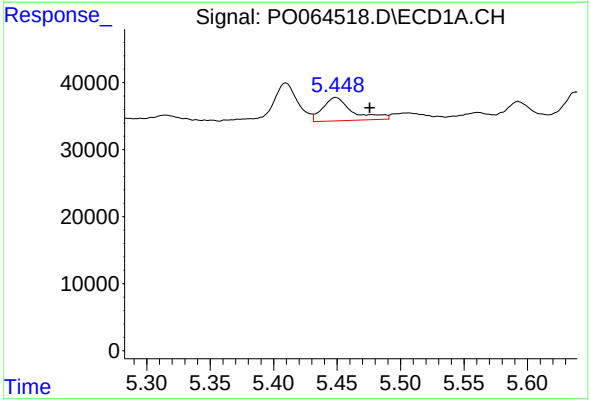
#15 AR-1232-5

R.T.: 5.749 min
Delta R.T.: 0.003 min
Response: 178816
Conc: 317.49 ng/ml



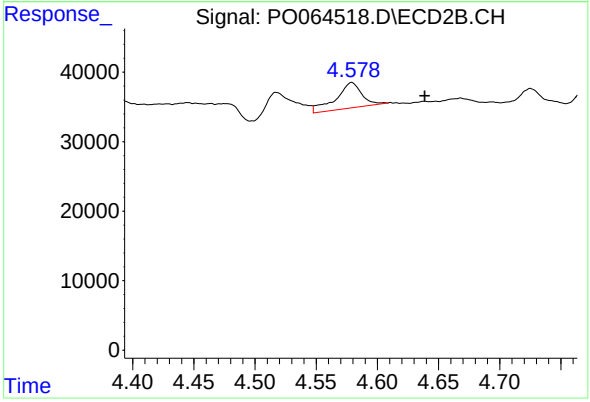
#15 AR-1232-5

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 52394
Conc: 89.48 ng/ml



#16 AR-1242-1

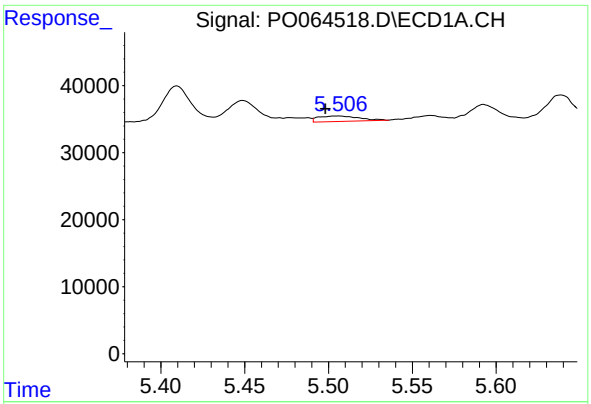
R.T.: 5.449 min
Delta R.T.: -0.027 min
Response: 56564
Conc: 59.40 ng/ml



#16 AR-1242-1

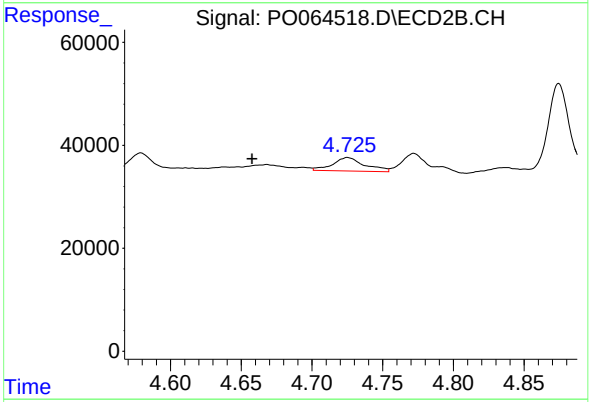
R.T.: 4.579 min
Delta R.T.: -0.060 min
Response: 53930
Conc: 70.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



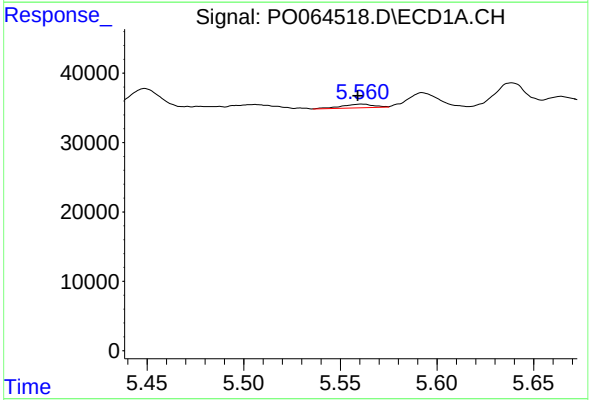
#17 AR-1242-2

R.T.: 5.506 min
Delta R.T.: 0.007 min
Response: 13836
Conc: 10.24 ng/ml



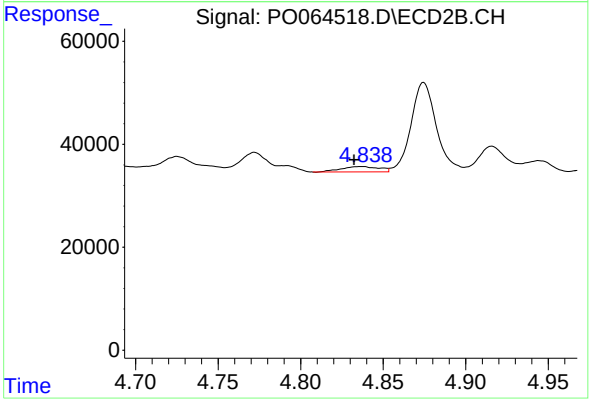
#17 AR-1242-2

R.T.: 4.725 min
Delta R.T.: 0.068 min
Response: 41502
Conc: 40.17 ng/ml



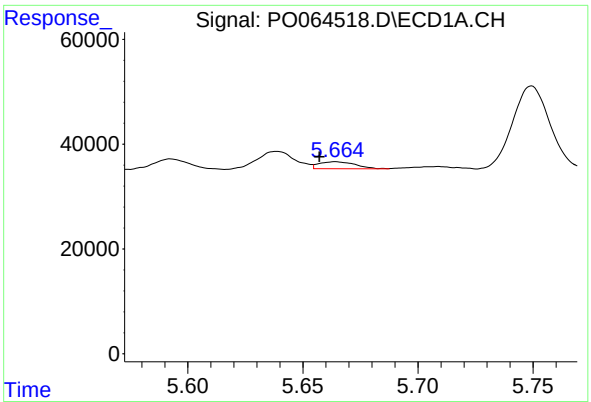
#18 AR-1242-3

R.T.: 5.561 min
Delta R.T.: 0.002 min
Response: 6133
Conc: 7.15 ng/ml



#18 AR-1242-3

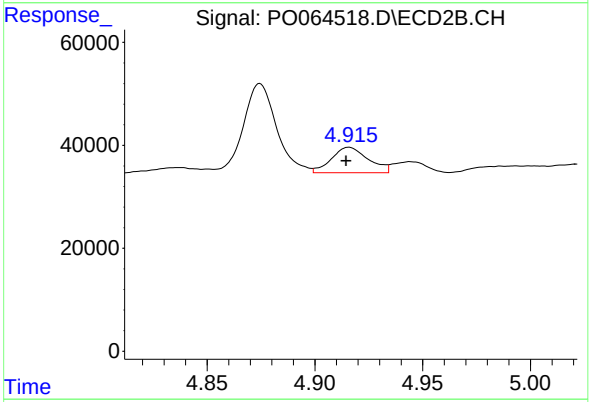
R.T.: 4.837 min
Delta R.T.: 0.005 min
Response: 16728
Conc: 29.85 ng/ml



#19 AR-1242-4

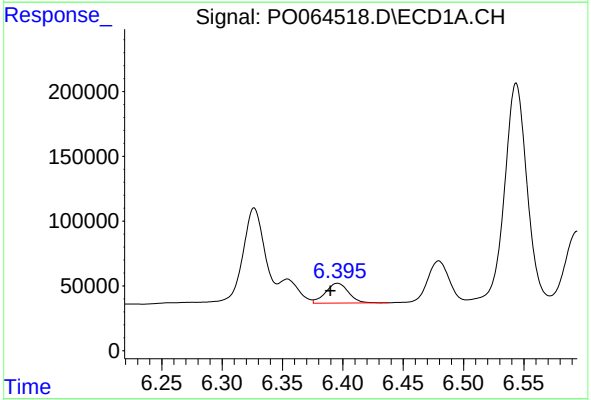
R.T.: 5.664 min
Delta R.T.: 0.007 min
Response: 14809
Conc: 21.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



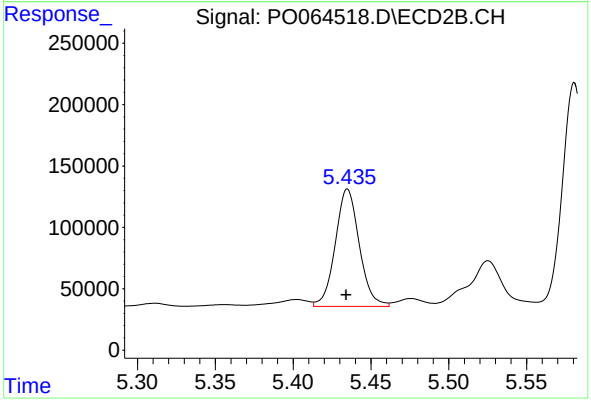
#19 AR-1242-4

R.T.: 4.916 min
Delta R.T.: 0.001 min
Response: 58925
Conc: 103.89 ng/ml



#20 AR-1242-5

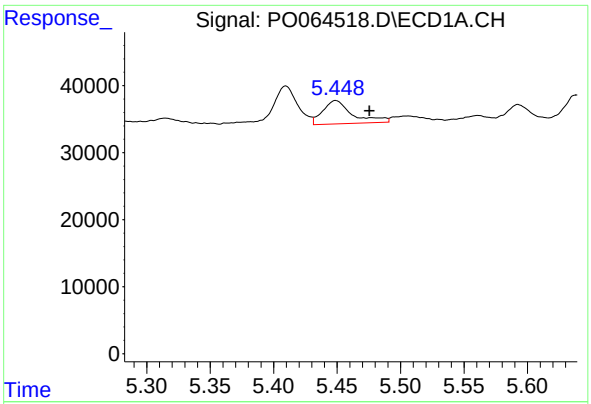
R.T.: 6.396 min
Delta R.T.: 0.006 min
Response: 201643
Conc: 238.68 ng/ml



#20 AR-1242-5

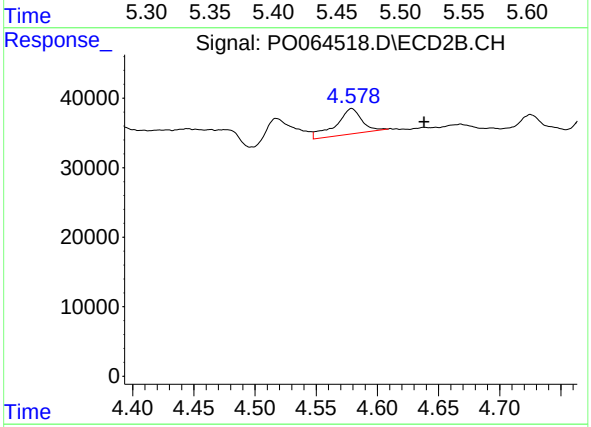
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 1028194
Conc: 1310.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



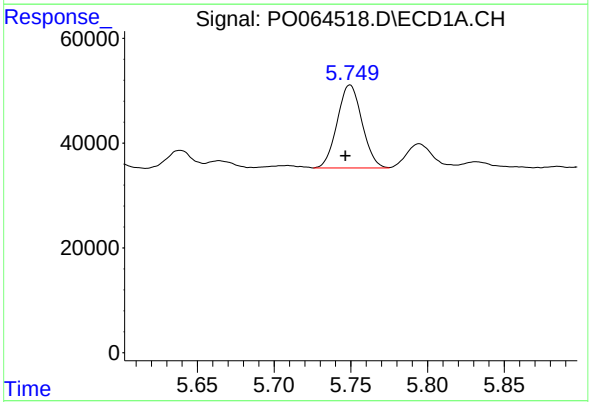
#21 AR-1248-1

R.T.: 5.449 min
Delta R.T.: -0.026 min
Response: 56564
Conc: 100.85 ng/ml



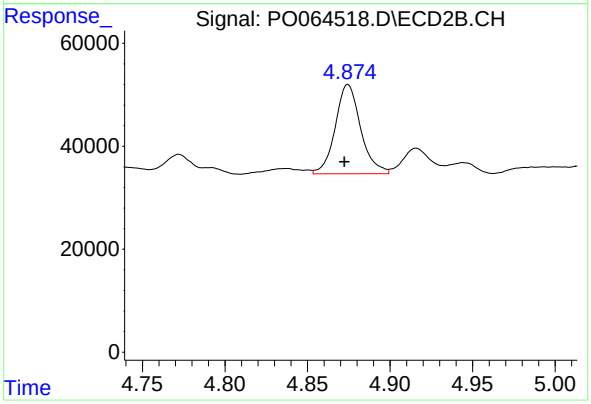
#21 AR-1248-1

R.T.: 4.579 min
Delta R.T.: -0.059 min
Response: 53930
Conc: 120.10 ng/ml



#22 AR-1248-2

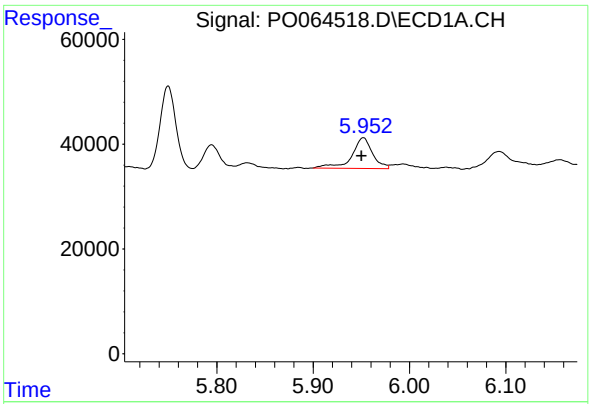
R.T.: 5.749 min
Delta R.T.: 0.003 min
Response: 178816
Conc: 215.78 ng/ml



#22 AR-1248-2

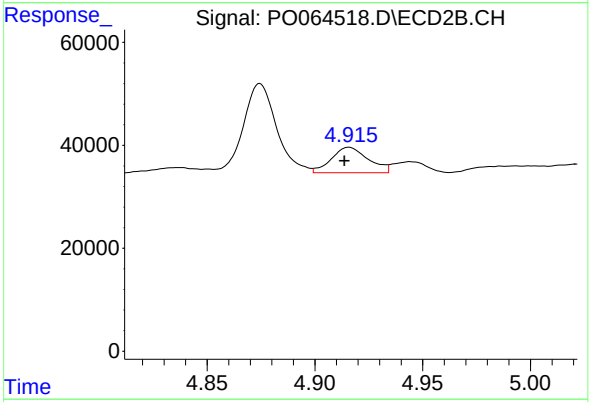
R.T.: 4.875 min
Delta R.T.: 0.002 min
Response: 186034
Conc: 295.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



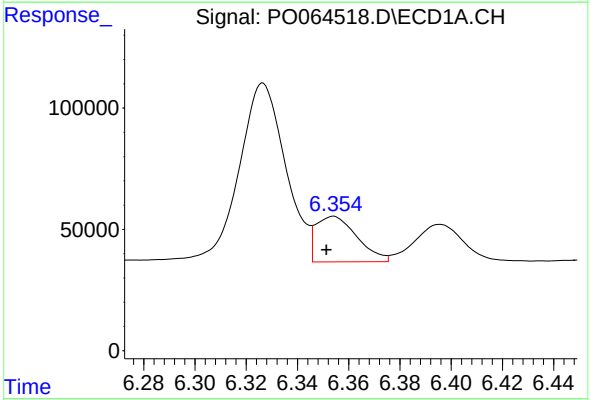
#23 AR-1248-3

R.T.: 5.952 min
Delta R.T.: 0.002 min
Response: 87270
Conc: 94.87 ng/ml



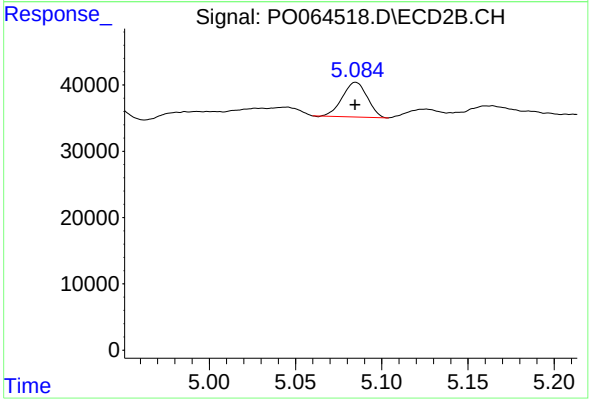
#23 AR-1248-3

R.T.: 4.916 min
Delta R.T.: 0.002 min
Response: 58925
Conc: 91.32 ng/ml



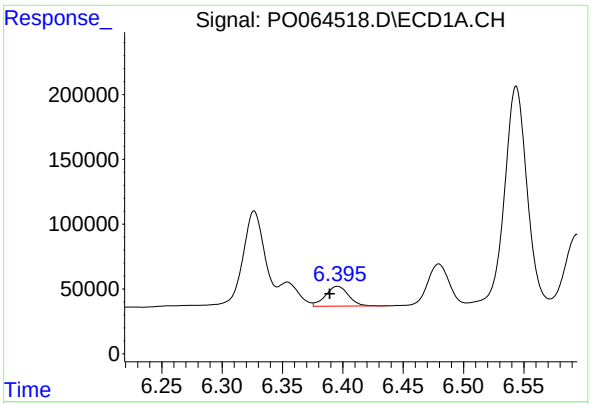
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: 0.003 min
Response: 209229
Conc: 188.77 ng/ml



#24 AR-1248-4

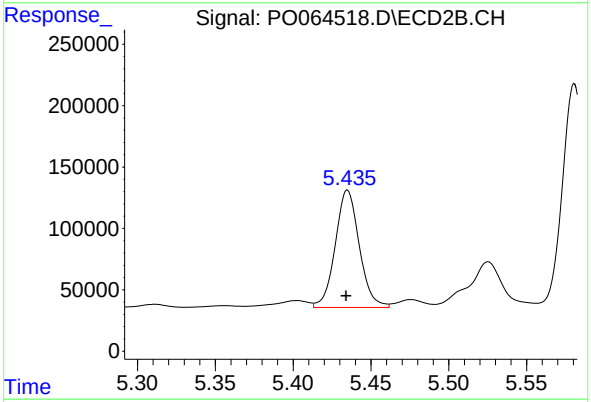
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 52394
Conc: 66.47 ng/ml



#25 AR-1248-5

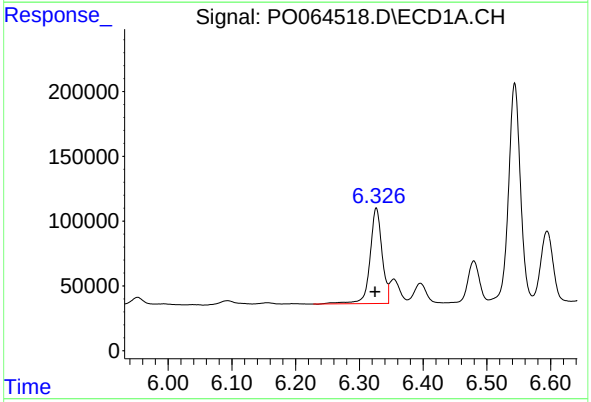
R.T.: 6.396 min
Delta R.T.: 0.006 min
Response: 201643
Conc: 187.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



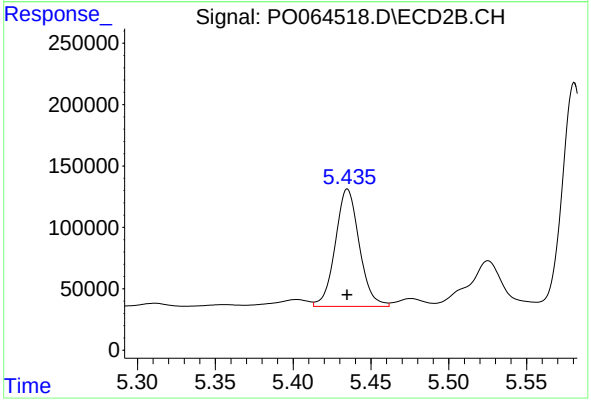
#25 AR-1248-5

R.T.: 5.435 min
Delta R.T.: 0.001 min
Response: 1028194
Conc: 848.65 ng/ml



#26 AR-1254-1

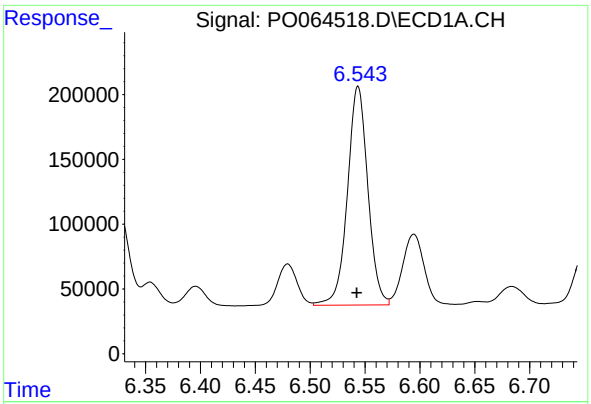
R.T.: 6.327 min
Delta R.T.: 0.002 min
Response: 965721
Conc: 591.70 ng/ml



#26 AR-1254-1

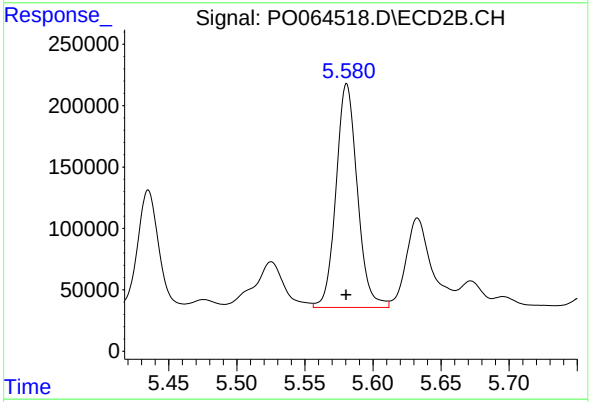
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 1028194
Conc: 523.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



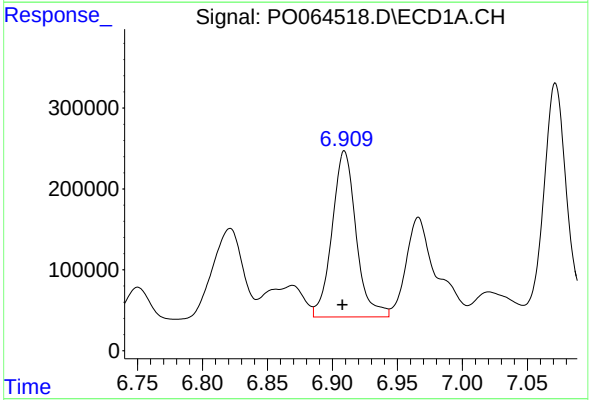
#27 AR-1254-2

R.T.: 6.544 min
Delta R.T.: 0.001 min
Response: 2188138
Conc: 839.38 ng/ml



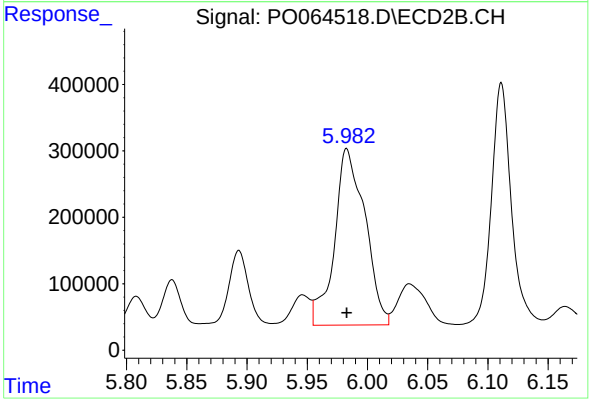
#27 AR-1254-2

R.T.: 5.581 min
Delta R.T.: 0.000 min
Response: 1983832
Conc: 1107.73 ng/ml



#28 AR-1254-3

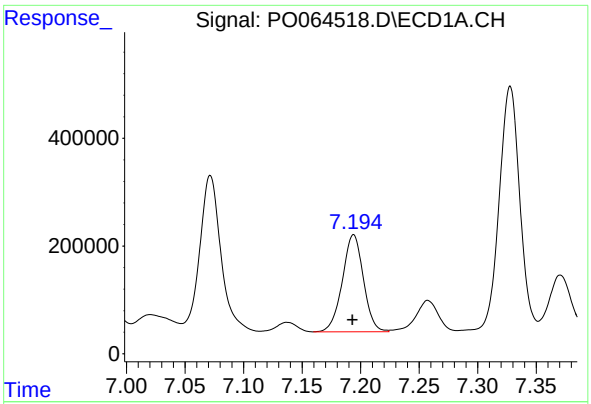
R.T.: 6.909 min
Delta R.T.: 0.001 min
Response: 2649224
Conc: 917.87 ng/ml



#28 AR-1254-3

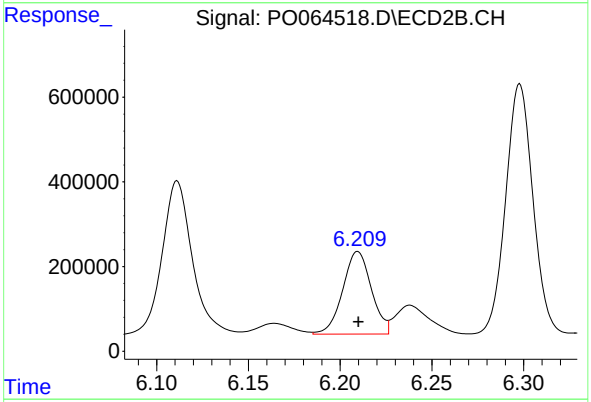
R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 4684798
Conc: 1513.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



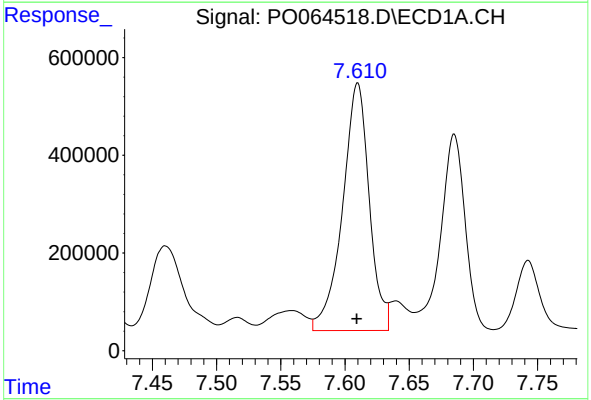
#29 AR-1254-4

R.T.: 7.194 min
Delta R.T.: 0.001 min
Response: 2257471
Conc: 985.73 ng/ml



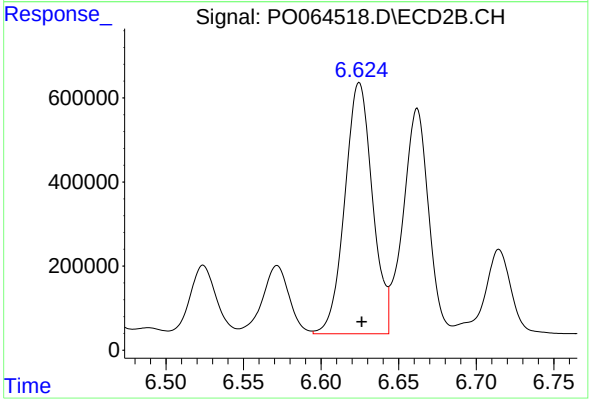
#29 AR-1254-4

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 2125262
Conc: 1030.05 ng/ml



#30 AR-1254-5

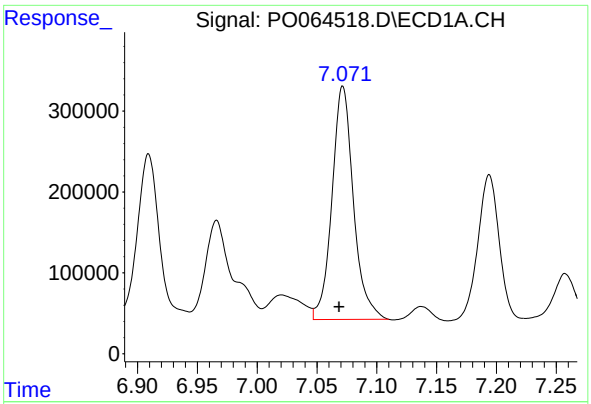
R.T.: 7.610 min
Delta R.T.: 0.000 min
Response: 7343512
Conc: 2873.89 ng/ml



#30 AR-1254-5

R.T.: 6.625 min
Delta R.T.: -0.002 min
Response: 7418459
Conc: 2459.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E




```
#31  AR-1260-1

      R.T.:    7.072 min
Delta R.T.:    0.003 min
  Response:   3609785
      Conc: 1912.80 ng/ml
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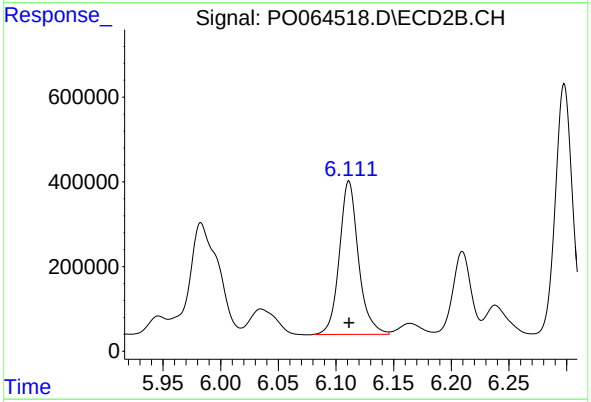


```
#31  AR-1260-1

      R.T.:    6.111 min
Delta R.T.:    0.000 min
  Response:   4146497
      Conc: 2362.38 ng/ml
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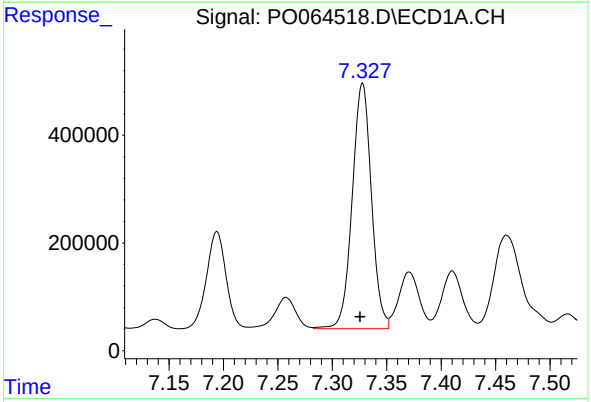
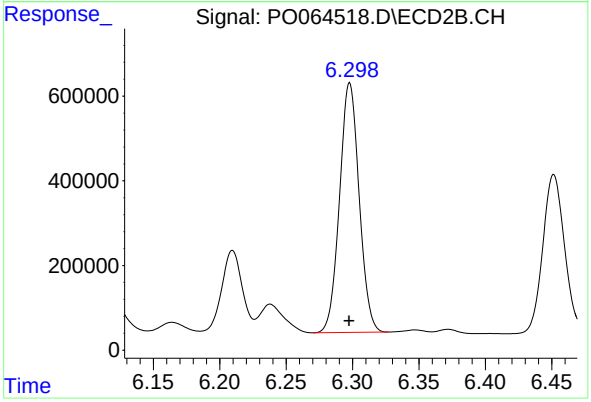



```
#32  AR-1260-2

      R.T.:    7.328 min
Delta R.T.:    0.002 min
  Response:   5595490
      Conc: 2392.56 ng/ml
```




```
#32  AR-1260-2

      R.T.:    6.298 min
Delta R.T.:    0.000 min
  Response:   6060867
      Conc: 2724.26 ng/ml
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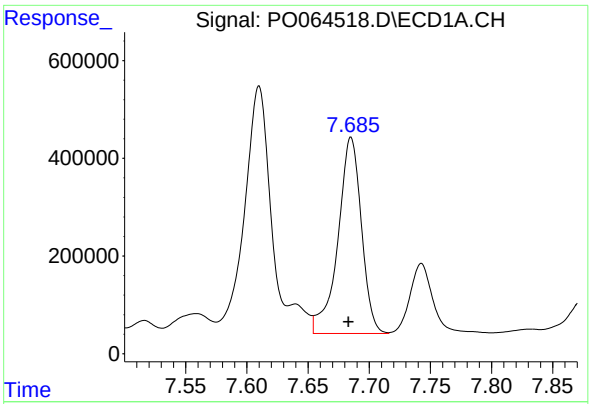
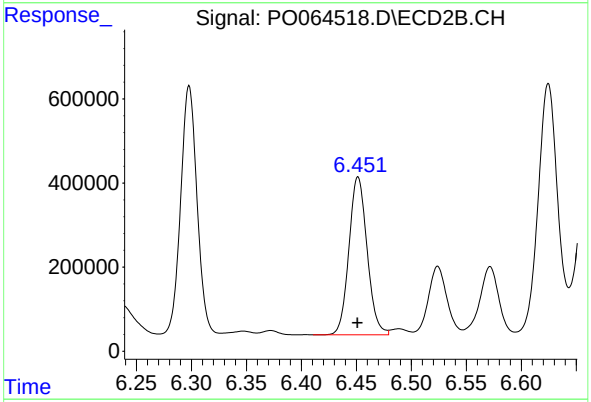


#33 AR-1260-3

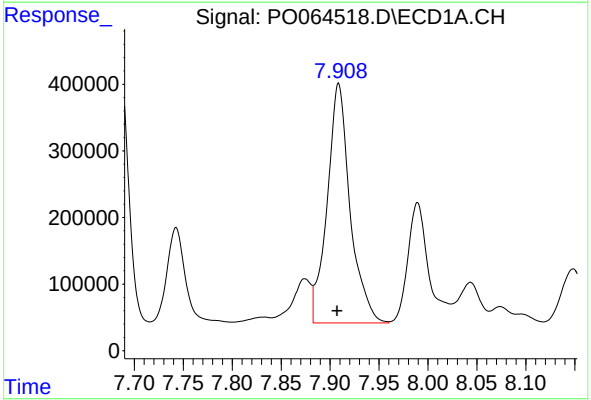
R.T.: 7.685 min
Delta R.T.: 0.002 min
Response: 5371195
Conc: 2901.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



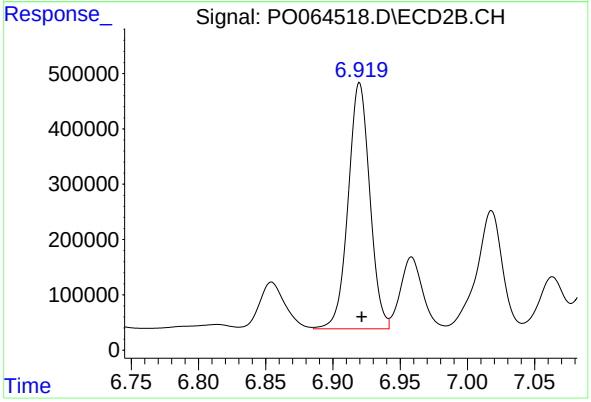
#33 AR-1260-3

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 4321156
Conc: 2125.28 ng/ml



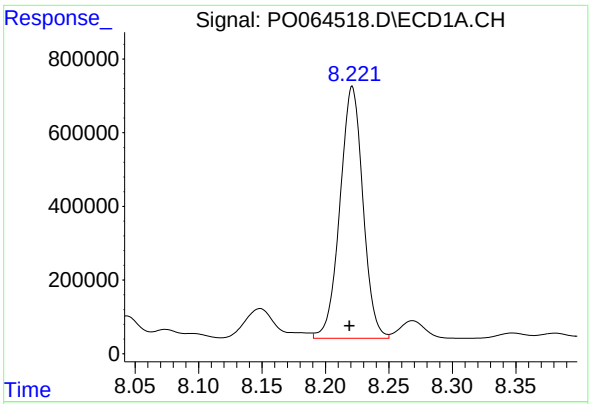
#34 AR-1260-4

R.T.: 7.909 min
Delta R.T.: 0.002 min
Response: 5856621
Conc: 2672.32 ng/ml



#34 AR-1260-4

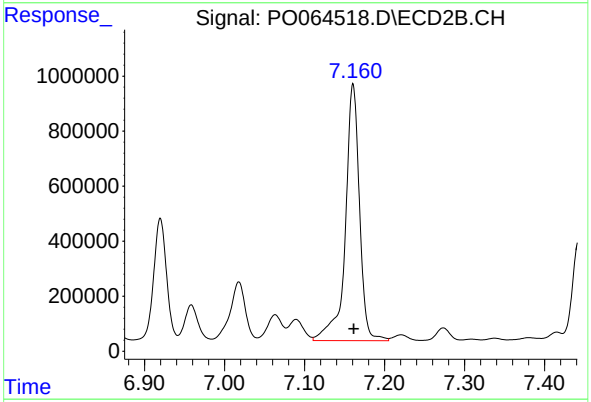
R.T.: 6.920 min
Delta R.T.: -0.002 min
Response: 4972168
Conc: 2680.76 ng/ml



#35 AR-1260-5

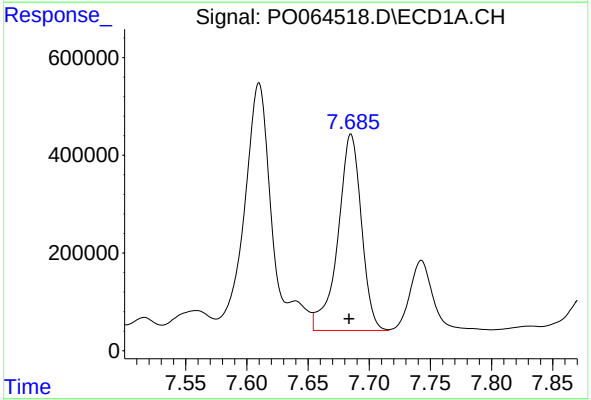
R.T.: 8.221 min
Delta R.T.: 0.002 min
Response: 8614106
Conc: 1951.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



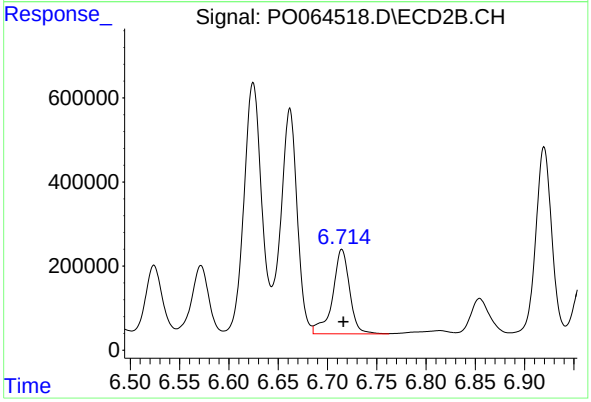
#35 AR-1260-5

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 11498029
Conc: 2374.93 ng/ml



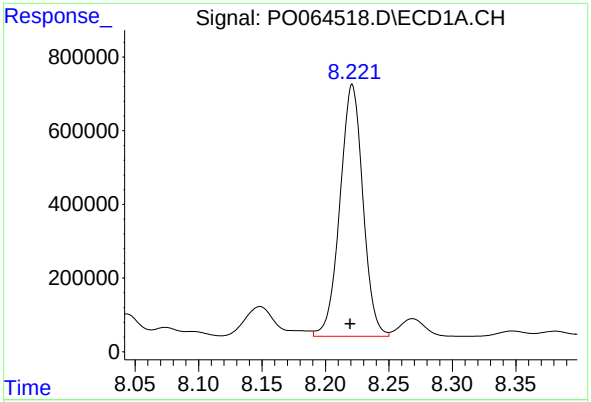
#36 AR-1262-1

R.T.: 7.685 min
Delta R.T.: 0.002 min
Response: 5371195
Conc: 1799.01 ng/ml



#36 AR-1262-1

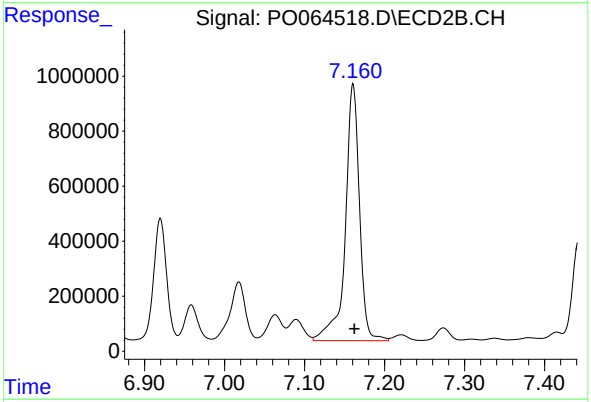
R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 2422167
Conc: 1927.67 ng/ml



#37 AR-1262-2

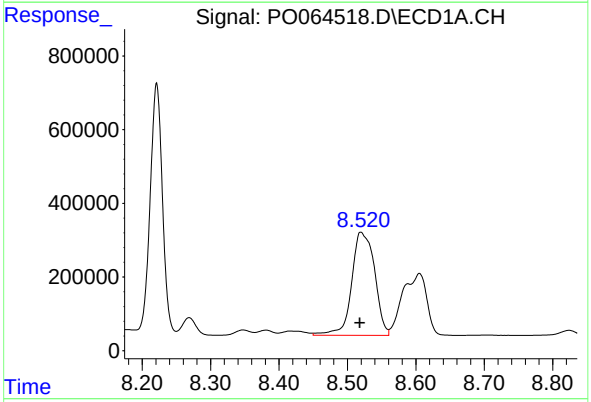
R.T.: 8.221 min
Delta R.T.: 0.002 min
Response: 8614106
Conc: 1562.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



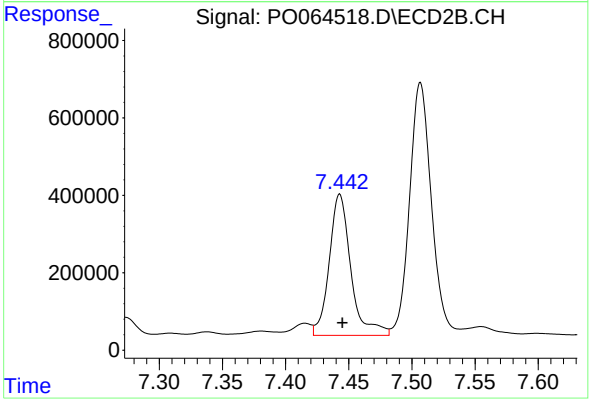
#37 AR-1262-2

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 11498029
Conc: 1927.48 ng/ml



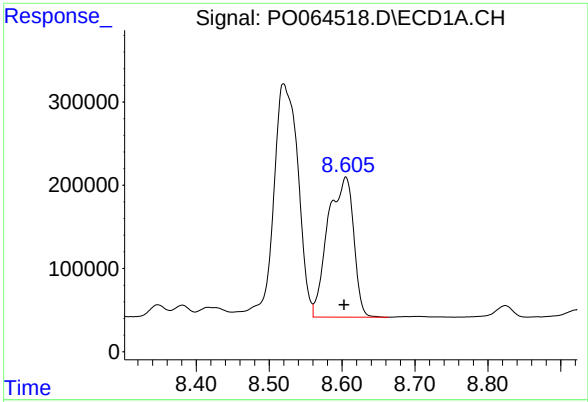
#38 AR-1262-3

R.T.: 8.520 min
Delta R.T.: 0.002 min
Response: 6532252
Conc: 1688.25 ng/ml



#38 AR-1262-3

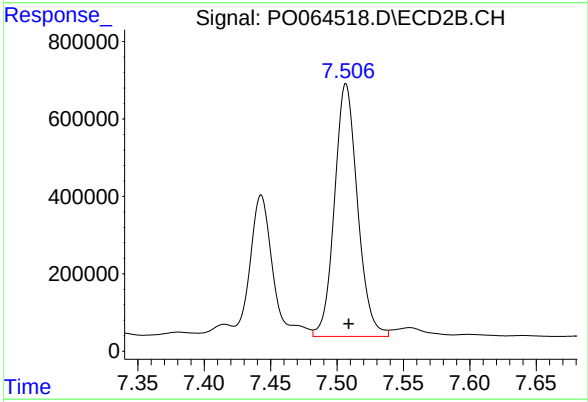
R.T.: 7.443 min
Delta R.T.: -0.002 min
Response: 4351762
Conc: 1866.71 ng/ml



#39 AR-1262-4

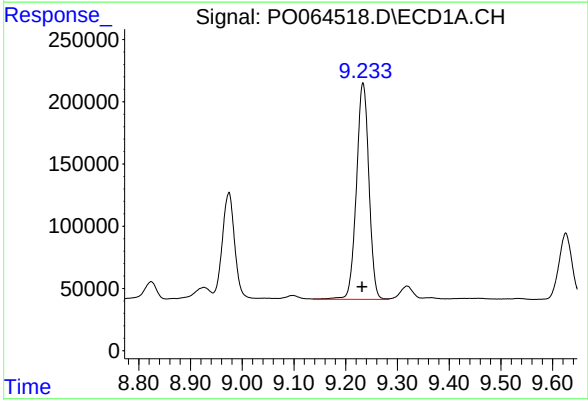
R.T.: 8.605 min
Delta R.T.: 0.002 min
Response: 4129298
Conc: 1412.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



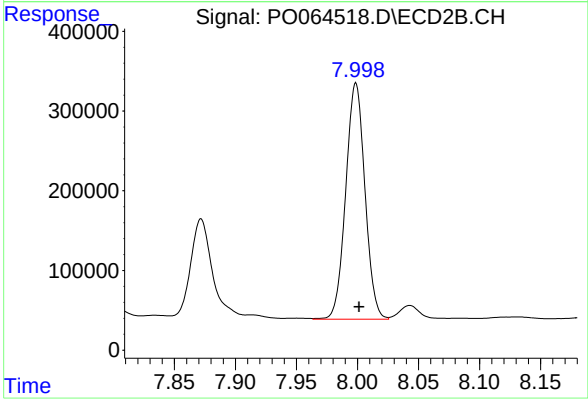
#39 AR-1262-4

R.T.: 7.507 min
Delta R.T.: -0.002 min
Response: 7873197
Conc: 1768.03 ng/ml



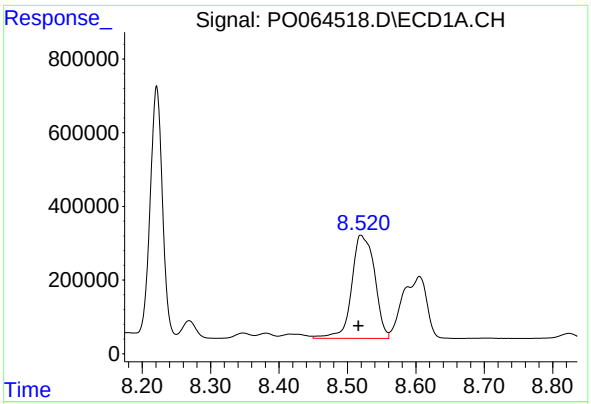
#40 AR-1262-5

R.T.: 9.233 min
Delta R.T.: 0.002 min
Response: 2917195
Conc: 1389.88 ng/ml



#40 AR-1262-5

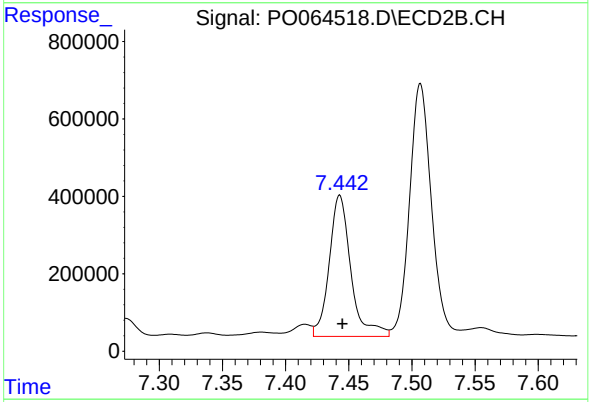
R.T.: 7.999 min
Delta R.T.: -0.003 min
Response: 3247172
Conc: 1537.46 ng/ml



#41 AR-1268-1

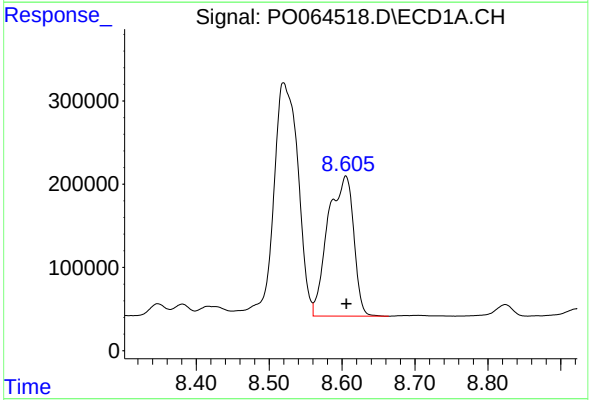
R.T.: 8.520 min
Delta R.T.: 0.004 min
Response: 6532252
Conc: 1001.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



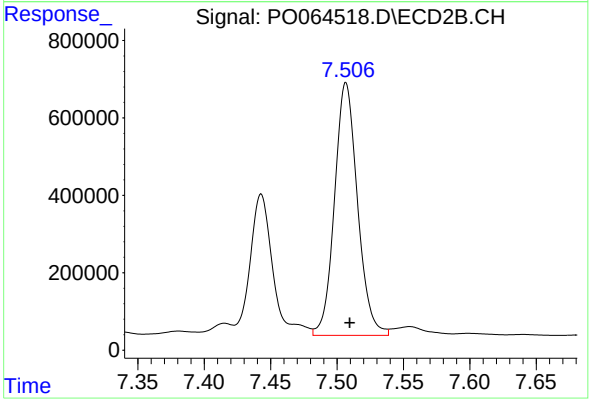
#41 AR-1268-1

R.T.: 7.443 min
Delta R.T.: -0.002 min
Response: 4351762
Conc: 623.30 ng/ml



#42 AR-1268-2

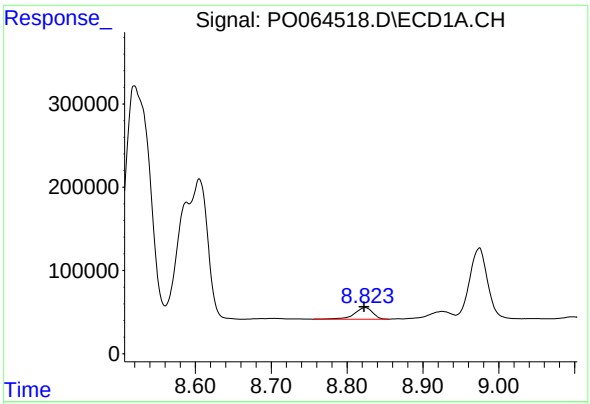
R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 4129298
Conc: 683.49 ng/ml



#42 AR-1268-2

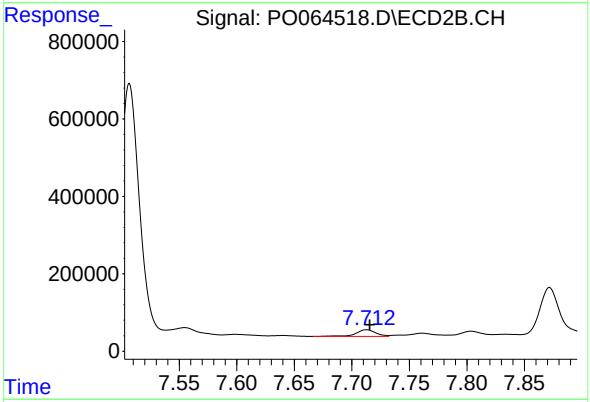
R.T.: 7.507 min
Delta R.T.: -0.003 min
Response: 7873197
Conc: 1229.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



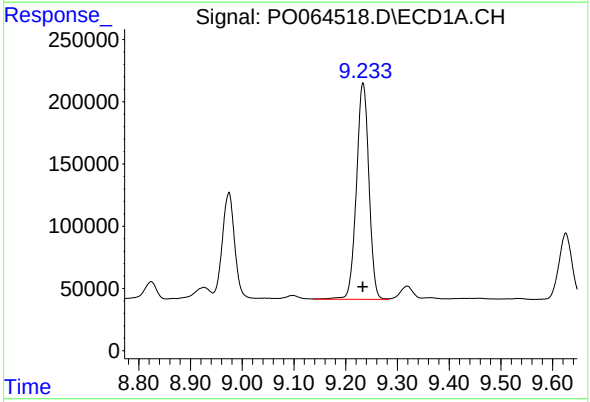
#43 AR-1268-3

R.T.: 8.824 min
Delta R.T.: 0.001 min
Response: 238249
Conc: 47.99 ng/ml



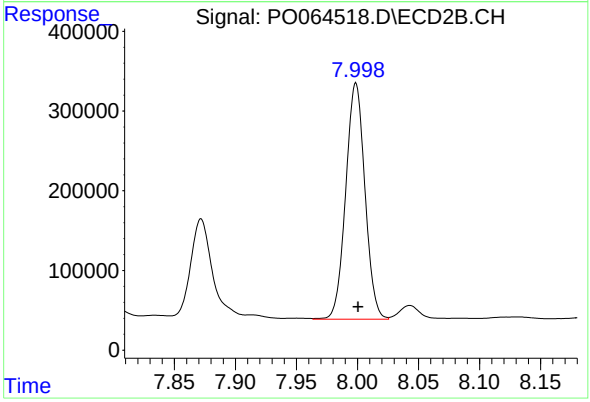
#43 AR-1268-3

R.T.: 7.713 min
Delta R.T.: -0.003 min
Response: 206429
Conc: 39.41 ng/ml



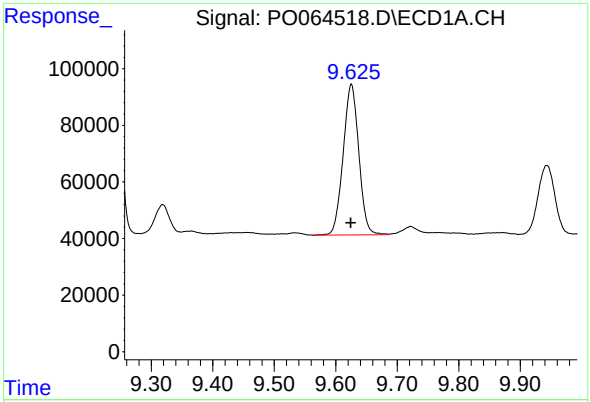
#44 AR-1268-4

R.T.: 9.233 min
Delta R.T.: 0.000 min
Response: 2917195
Conc: 1246.84 ng/ml



#44 AR-1268-4

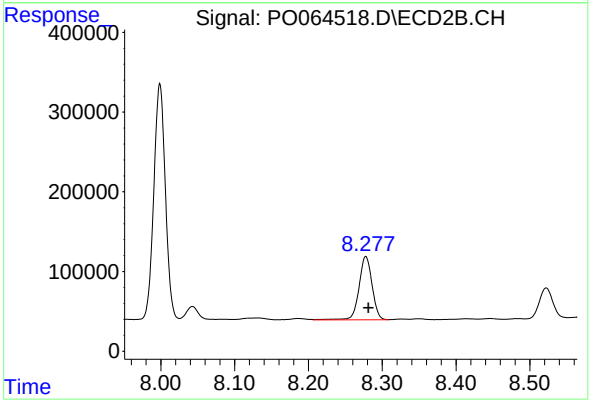
R.T.: 7.999 min
Delta R.T.: -0.002 min
Response: 3247172
Conc: 1389.94 ng/ml



#45 AR-1268-5

R.T.: 9.625 min
Delta R.T.: 0.000 min
Response: 941054
Conc: 61.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
6E



#45 AR-1268-5

R.T.: 8.278 min
Delta R.T.: -0.003 min
Response: 980035
Conc: 59.34 ng/ml