

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO121019\
 Data File : PO064535.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Dec 2019 4:38
 Operator : SM/AJ
 Sample : K6143-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 12E

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 05:39:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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	894311	798896	30.197	33.588
2)	SA Decachlor...	9.939	8.520	581364	650506	14.185	15.924
Target Compounds							
3)	L1 AR-1016-1	5.498	4.577	29393	35600	22.642	34.001 #
4)	L1 AR-1016-2	5.498	0.000	29393	0	16.122	N.D. #
5)	L1 AR-1016-3	5.558	4.831	4932	21826	4.297	28.337 #
6)	L1 AR-1016-4	5.664	4.874	9077	55391	9.652	85.148 #
7)	L1 AR-1016-5	5.935	5.079	40391	12055	41.507	14.480 #
8)	L2 AR-1221-1	4.453	3.767	14357	18955	40.412	72.455 #
9)	L2 AR-1221-2	4.621	3.863	12977	17796	46.937	89.044 #
10)	L2 AR-1221-3	4.703	3.934	13497	10975	16.074	16.973
11)	L3 AR-1232-1	4.703	3.934	13497	10975	10.528	10.838
12)	L3 AR-1232-2	5.214	0.000	51391	0	73.151	N.D. #
13)	L3 AR-1232-3	5.498	4.831	29393	21826	21.225	37.543 #
14)	L3 AR-1232-4	5.664	4.939	9077	50474	12.757	95.075 #
15)	L3 AR-1232-5	5.750	5.079	38873	12055	69.021	20.588 #
16)	L4 AR-1242-1	5.498	4.577	29393	35600	30.868	46.492 #
17)	L4 AR-1242-2	5.498	0.000	29393	0	21.763	N.D. #
18)	L4 AR-1242-3	5.558	4.831	4932	21826	5.747	38.945 #
19)	L4 AR-1242-4	5.664	4.939	9077	50474	12.981	88.992 #
20)	L4 AR-1242-5	6.395	5.434	82713	369652	97.906	471.014 #
21)	L5 AR-1248-1	5.498	4.577	29393	35600	52.402	79.280 #
22)	L5 AR-1248-2	5.750	4.874	38873	55391	46.909	88.090 #
23)	L5 AR-1248-3	5.935	4.939	40391	50474	43.909	78.227 #
24)	L5 AR-1248-4	6.358	5.079	205990	12055	185.845	15.293 #
25)	L5 AR-1248-5	6.395	5.434	82713	369652	77.087	305.103 #
26)	L6 AR-1254-1	6.325	5.434	428725	369652	262.679	188.083 #
27)	L6 AR-1254-2	6.543	5.580	994025	928158	381.313	518.263 #
28)	L6 AR-1254-3	6.909	5.982	933450	2038964	323.411	658.831 #
29)	L6 AR-1254-4	7.192	6.208	1025968	930264	447.992	450.873
30)	L6 AR-1254-5	7.609	6.623	4509305	4185479	1764.718	1387.668
31)	L7 AR-1260-1	7.070	6.110	1820491	2062348	964.666	1174.982
32)	L7 AR-1260-2	7.326	6.296	2992248	3359110	1279.449	1509.864
33)	L7 AR-1260-3	7.683	6.450	3121625	2237130	1686.180	1100.288 #
34)	L7 AR-1260-4	7.908	6.918	3357689	2885618	1532.082	1555.791
35)	L7 AR-1260-5	8.219	7.159	5047213	6881996	1143.206	1421.485
36)	L8 AR-1262-1	7.683	6.713	3121625	1416624	1045.547	1127.411
37)	L8 AR-1262-2	8.219	7.159	5047213	6881996	915.390	1153.670 #
38)	L8 AR-1262-3	8.517	7.441	3901862	2627539	1008.428	1127.095
39)	L8 AR-1262-4	8.604	7.505	2537144	4532154	867.910	1017.755
40)	L8 AR-1262-5	9.231	7.997	1845035	2129934	879.053	1008.475
41)	L9 AR-1268-1	8.517	7.441	3901862	2627539	598.455	376.338 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121019\
 Data File : P0064535.D
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 Acq On : 11 Dec 2019 4:38
 Operator : SM/AJ
 Sample : K6143-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

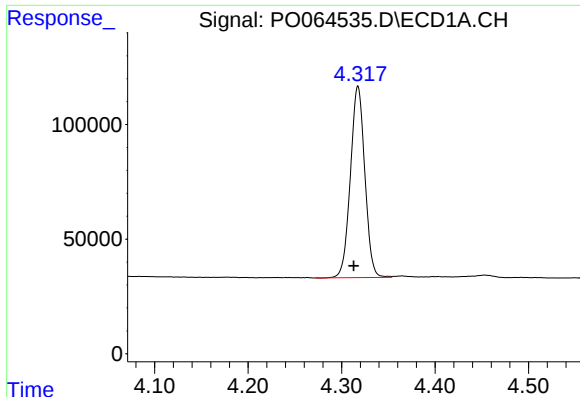
Instrument :
 ECD_O
 ClientSampleId :
 12E

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 05:39:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	8.604	7.505	2537144	4532154	419.951	707.869 #
43) L9	AR-1268-3	8.821	7.710	136449	151684	27.482	28.962
44) L9	AR-1268-4	9.231	7.997	1845035	2129934	788.585	911.711
45) L9	AR-1268-5	9.622	8.275	601736	629123	39.170	38.090

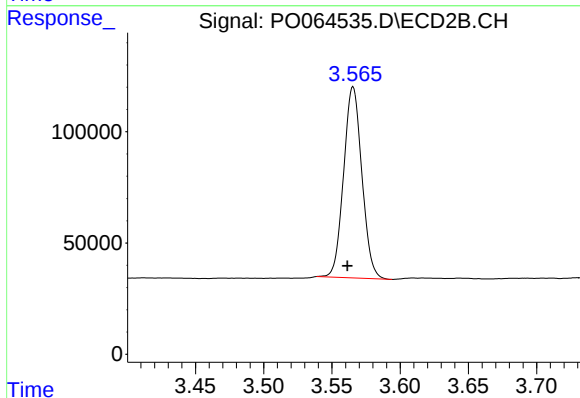
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

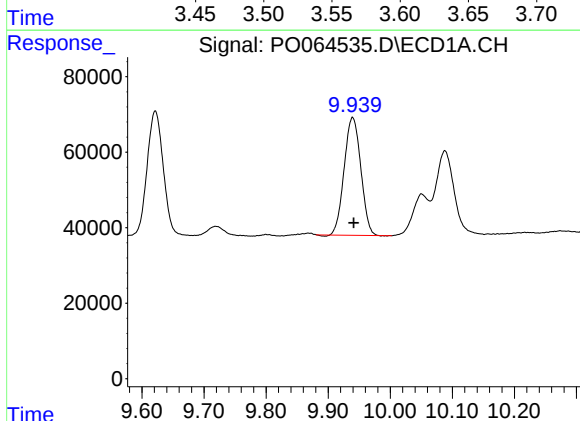
R.T.: 4.318 min
Delta R.T.: 0.005 min
Response: 894311
Conc: 30.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



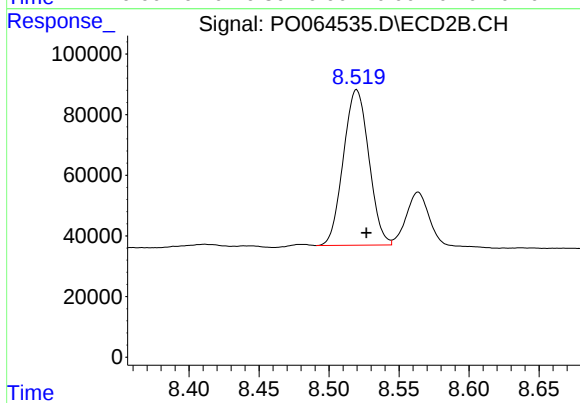
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.004 min
Response: 798896
Conc: 33.59 ng/ml



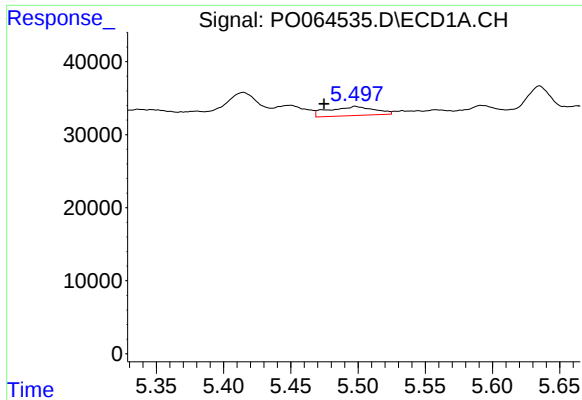
#2 Decachlorobiphenyl

R.T.: 9.939 min
Delta R.T.: -0.002 min
Response: 581364
Conc: 14.19 ng/ml



#2 Decachlorobiphenyl

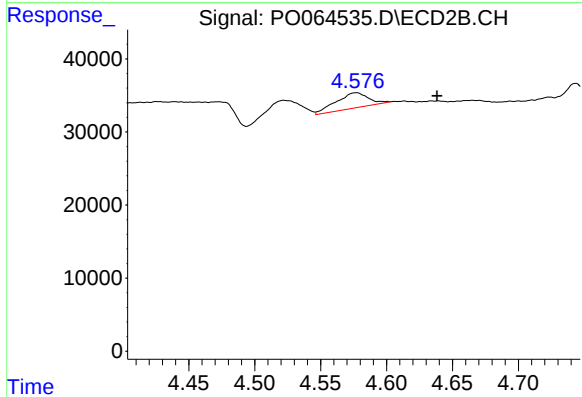
R.T.: 8.520 min
Delta R.T.: -0.007 min
Response: 650506
Conc: 15.92 ng/ml



#3 AR-1016-1

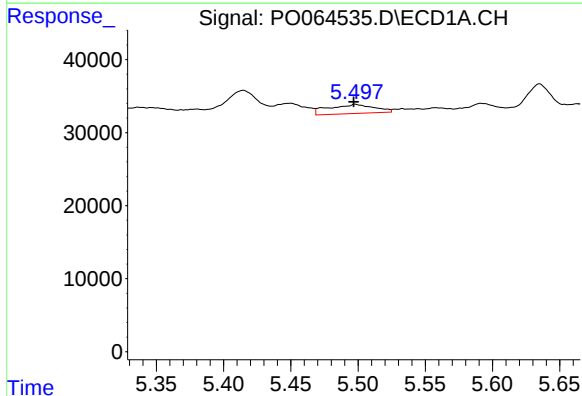
R.T.: 5.498 min
Delta R.T.: 0.023 min
Response: 29393
Conc: 22.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



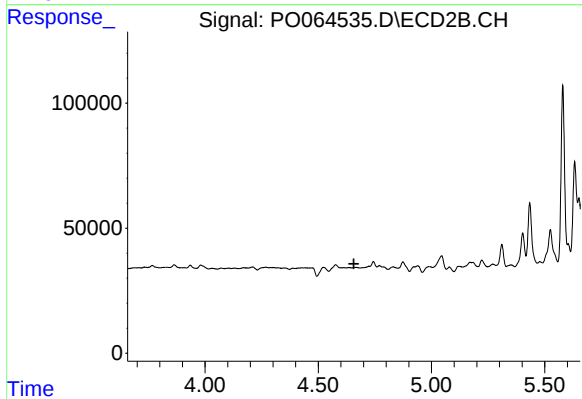
#3 AR-1016-1

R.T.: 4.577 min
Delta R.T.: -0.062 min
Response: 35600
Conc: 34.00 ng/ml



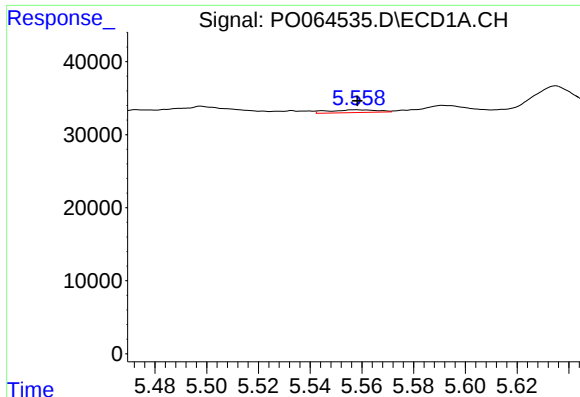
#4 AR-1016-2

R.T.: 5.498 min
Delta R.T.: 0.001 min
Response: 29393
Conc: 16.12 ng/ml



#4 AR-1016-2

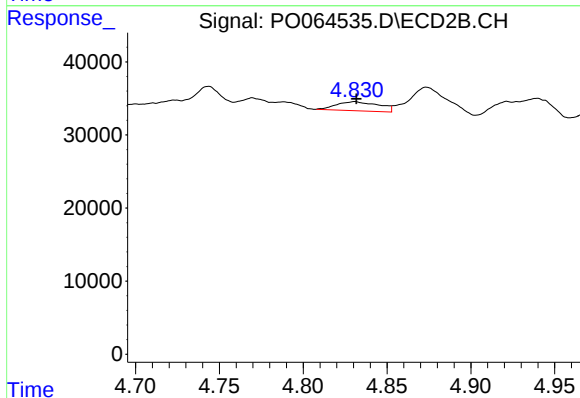
R.T.: 0.000 min
Exp R.T.: 4.657 min
Response: 0
Conc: N.D.



#5 AR-1016-3

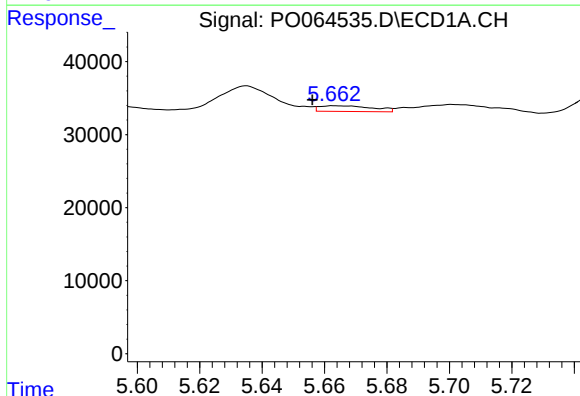
R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 4932
Conc: 4.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



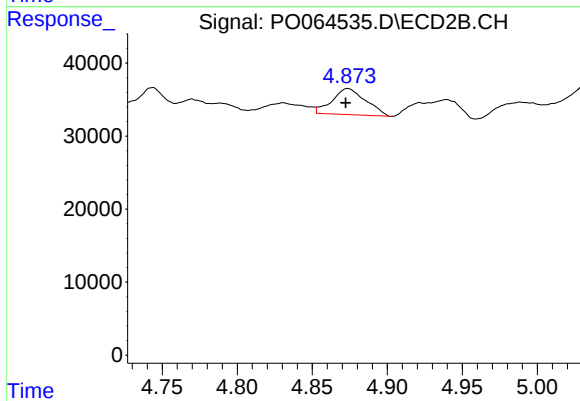
#5 AR-1016-3

R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 21826
Conc: 28.34 ng/ml



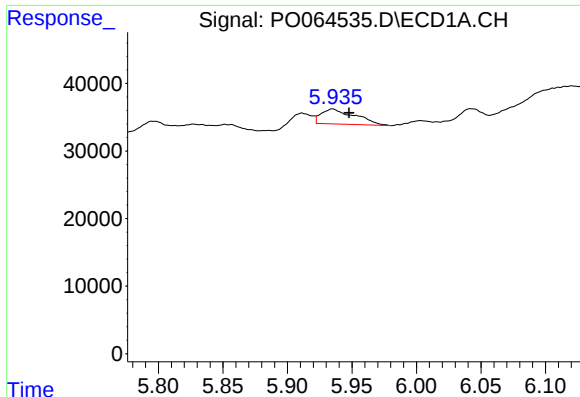
#6 AR-1016-4

R.T.: 5.664 min
Delta R.T.: 0.007 min
Response: 9077
Conc: 9.65 ng/ml



#6 AR-1016-4

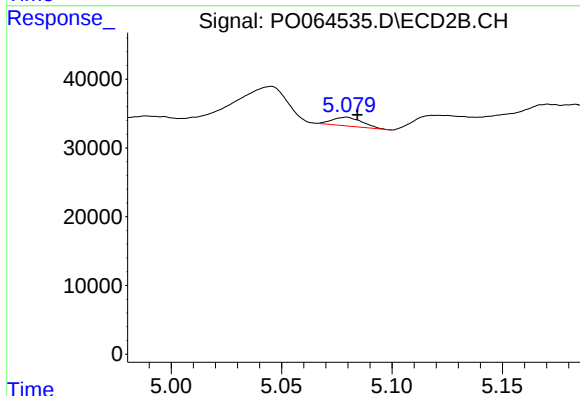
R.T.: 4.874 min
Delta R.T.: 0.001 min
Response: 55391
Conc: 85.15 ng/ml



#7 AR-1016-5

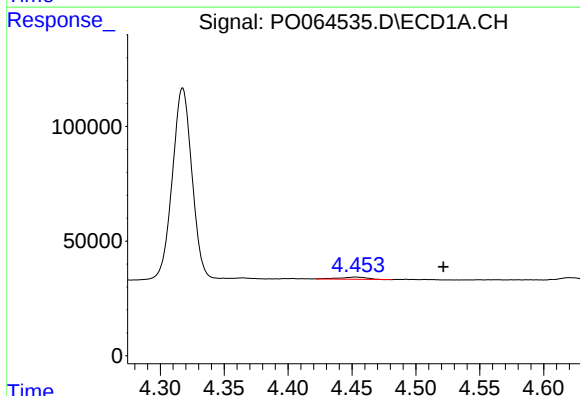
R.T.: 5.935 min
Delta R.T.: -0.013 min
Response: 40391
Conc: 41.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



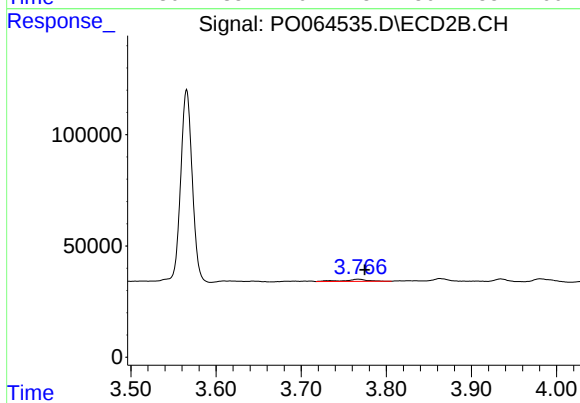
#7 AR-1016-5

R.T.: 5.079 min
Delta R.T.: -0.005 min
Response: 12055
Conc: 14.48 ng/ml



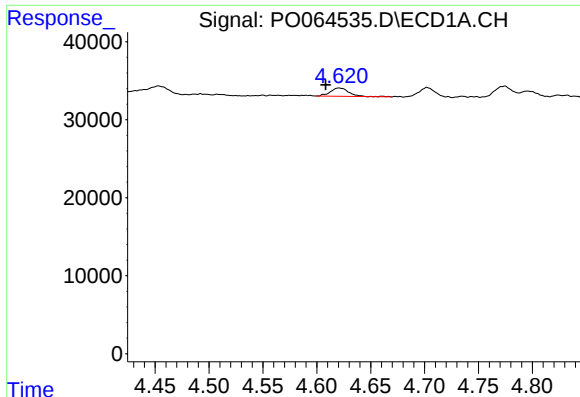
#8 AR-1221-1

R.T.: 4.453 min
Delta R.T.: -0.068 min
Response: 14357
Conc: 40.41 ng/ml



#8 AR-1221-1

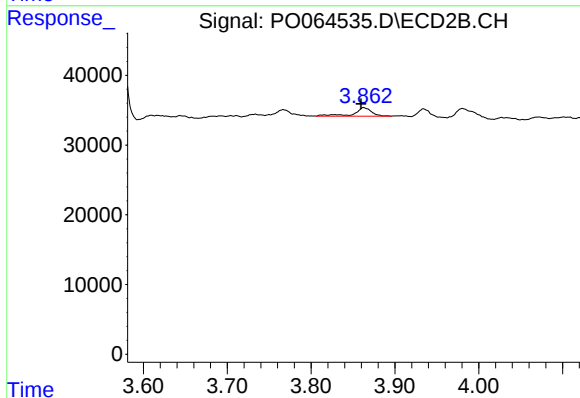
R.T.: 3.767 min
Delta R.T.: -0.008 min
Response: 18955
Conc: 72.46 ng/ml



#9 AR-1221-2

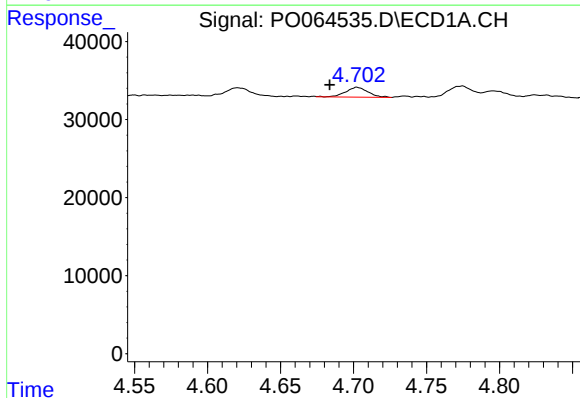
R.T.: 4.621 min
Delta R.T.: 0.012 min
Response: 12977
Conc: 46.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



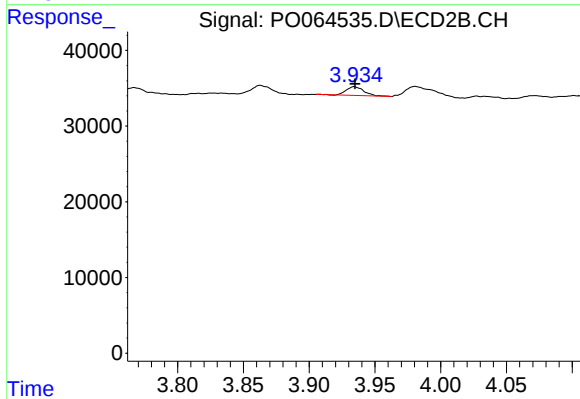
#9 AR-1221-2

R.T.: 3.863 min
Delta R.T.: 0.003 min
Response: 17796
Conc: 89.04 ng/ml



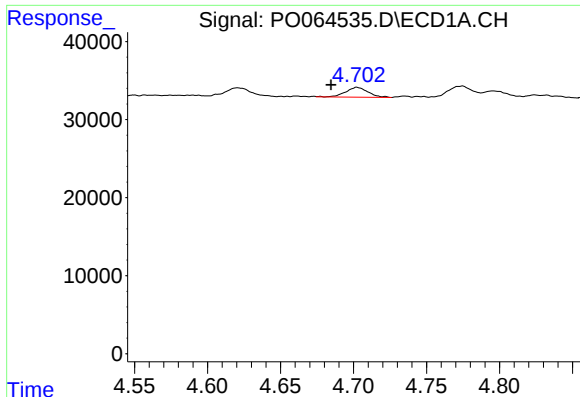
#10 AR-1221-3

R.T.: 4.703 min
Delta R.T.: 0.019 min
Response: 13497
Conc: 16.07 ng/ml



#10 AR-1221-3

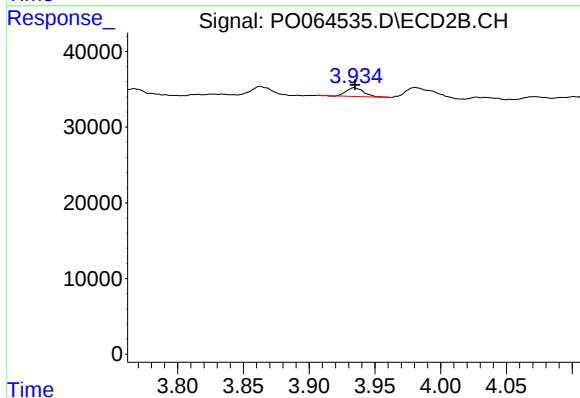
R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 10975
Conc: 16.97 ng/ml



#11 AR-1232-1

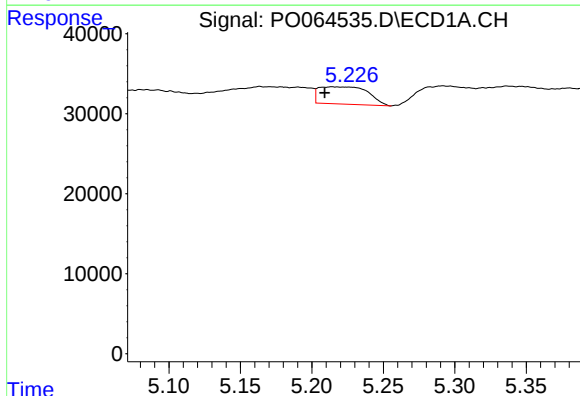
R.T.: 4.703 min
Delta R.T.: 0.018 min
Response: 13497
Conc: 10.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



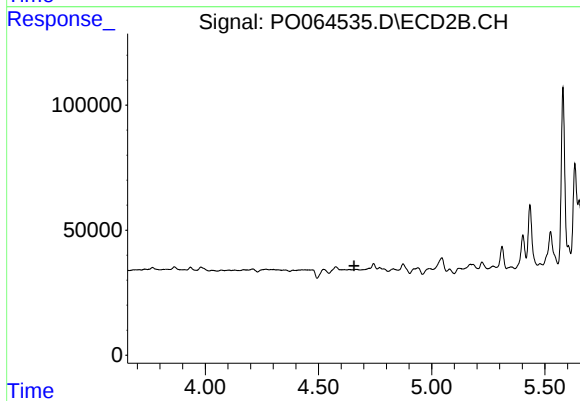
#11 AR-1232-1

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 10975
Conc: 10.84 ng/ml



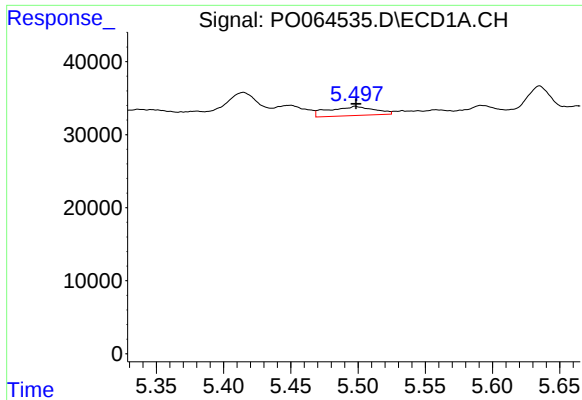
#12 AR-1232-2

R.T.: 5.214 min
Delta R.T.: 0.005 min
Response: 51391
Conc: 73.15 ng/ml



#12 AR-1232-2

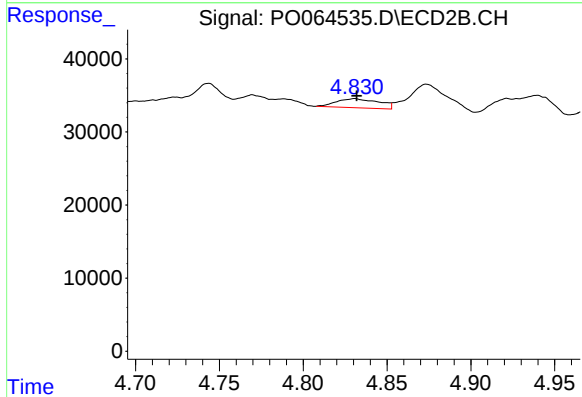
R.T.: 0.000 min
Exp R.T.: 4.657 min
Response: 0
Conc: N.D.



#13 AR-1232-3

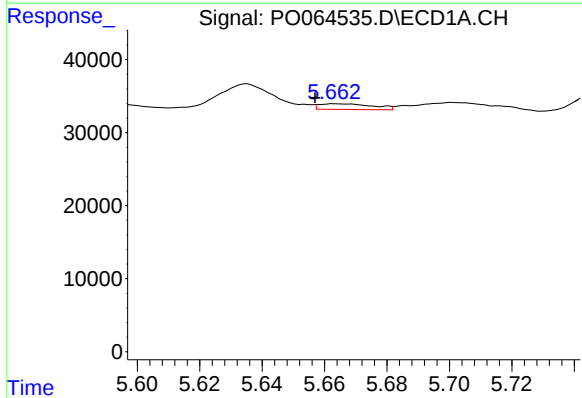
R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 29393
Conc: 21.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



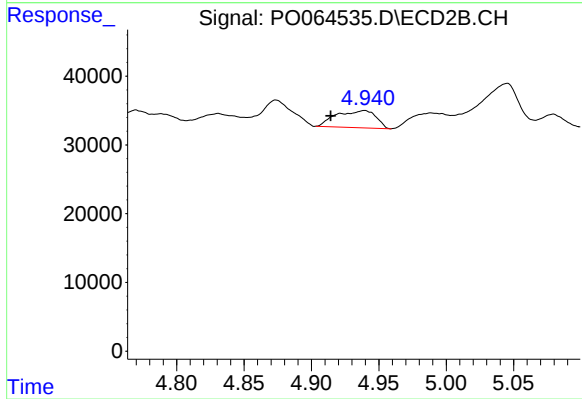
#13 AR-1232-3

R.T.: 4.831 min
Delta R.T.: -0.001 min
Response: 21826
Conc: 37.54 ng/ml



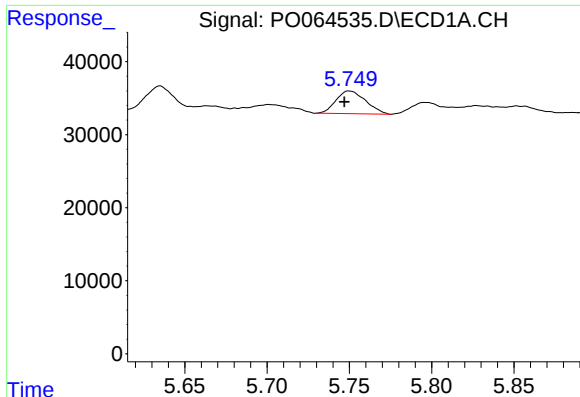
#14 AR-1232-4

R.T.: 5.664 min
Delta R.T.: 0.007 min
Response: 9077
Conc: 12.76 ng/ml



#14 AR-1232-4

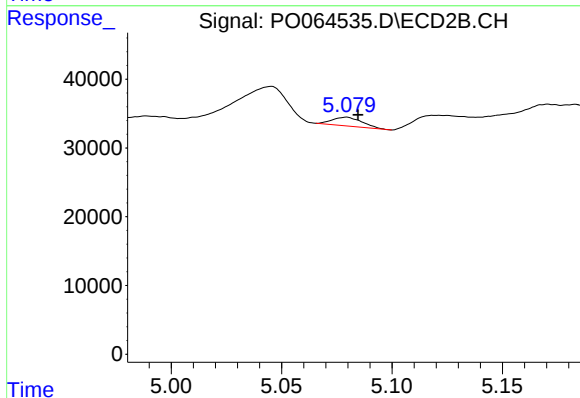
R.T.: 4.939 min
Delta R.T.: 0.025 min
Response: 50474
Conc: 95.08 ng/ml



#15 AR-1232-5

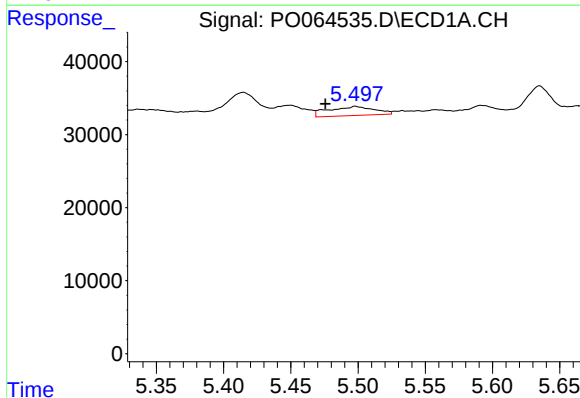
R.T.: 5.750 min
Delta R.T.: 0.003 min
Response: 38873
Conc: 69.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



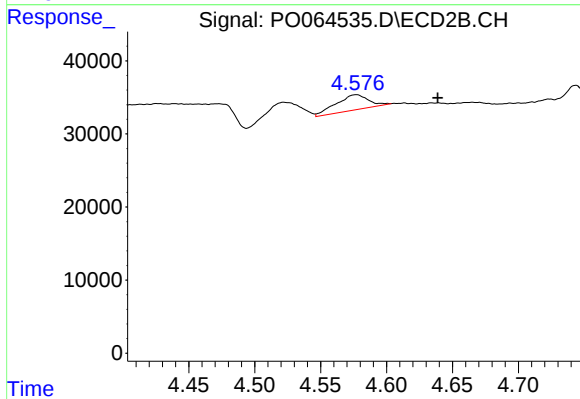
#15 AR-1232-5

R.T.: 5.079 min
Delta R.T.: -0.006 min
Response: 12055
Conc: 20.59 ng/ml



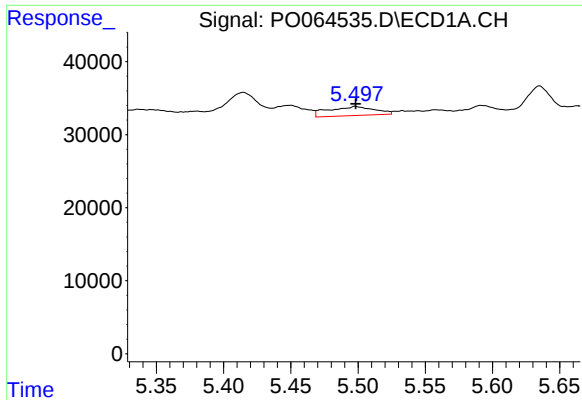
#16 AR-1242-1

R.T.: 5.498 min
Delta R.T.: 0.022 min
Response: 29393
Conc: 30.87 ng/ml



#16 AR-1242-1

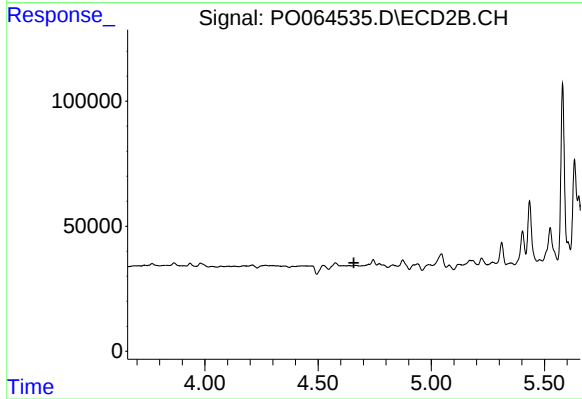
R.T.: 4.577 min
Delta R.T.: -0.062 min
Response: 35600
Conc: 46.49 ng/ml



#17 AR-1242-2

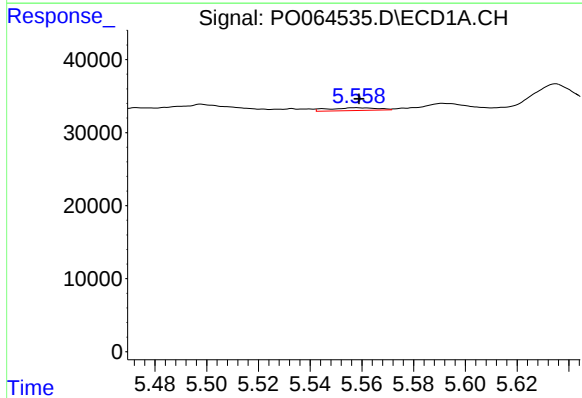
R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 29393
Conc: 21.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



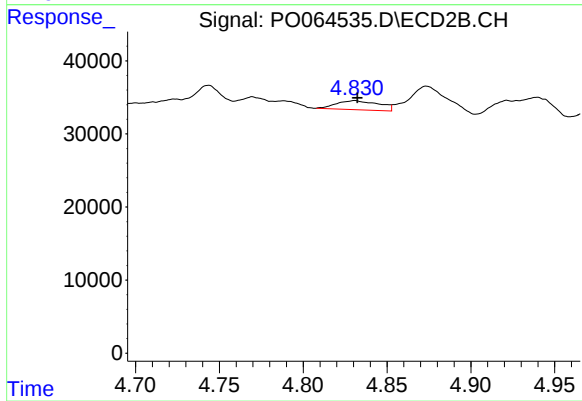
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.658 min
Response: 0
Conc: N.D.



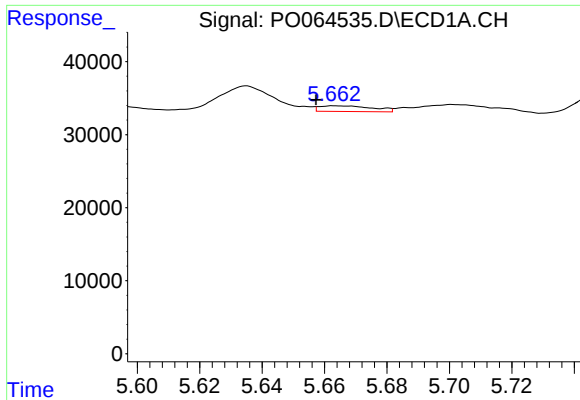
#18 AR-1242-3

R.T.: 5.558 min
Delta R.T.: -0.001 min
Response: 4932
Conc: 5.75 ng/ml



#18 AR-1242-3

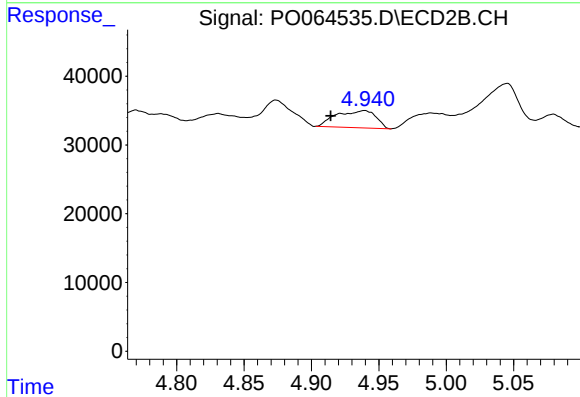
R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 21826
Conc: 38.95 ng/ml



#19 AR-1242-4

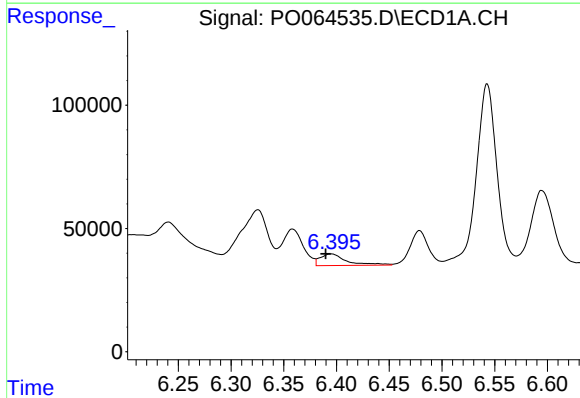
R.T.: 5.664 min
Delta R.T.: 0.006 min
Response: 9077
Conc: 12.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



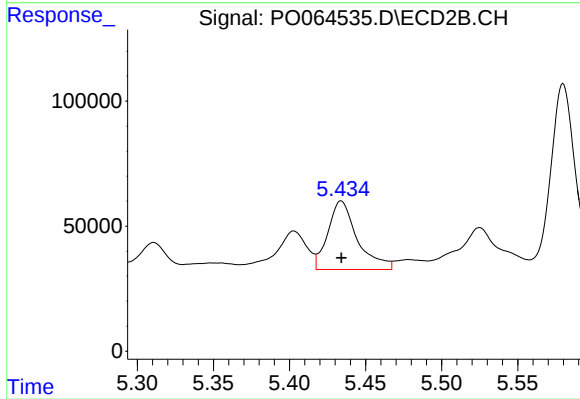
#19 AR-1242-4

R.T.: 4.939 min
Delta R.T.: 0.025 min
Response: 50474
Conc: 88.99 ng/ml



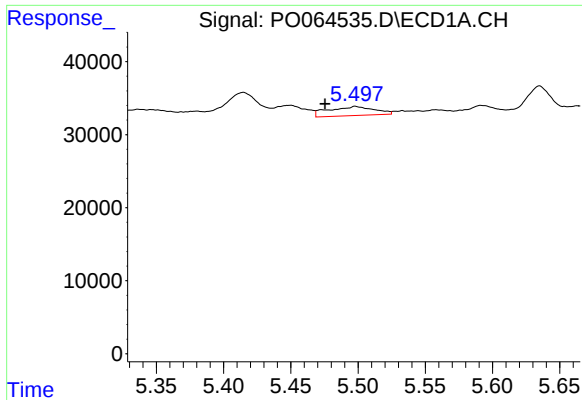
#20 AR-1242-5

R.T.: 6.395 min
Delta R.T.: 0.005 min
Response: 82713
Conc: 97.91 ng/ml



#20 AR-1242-5

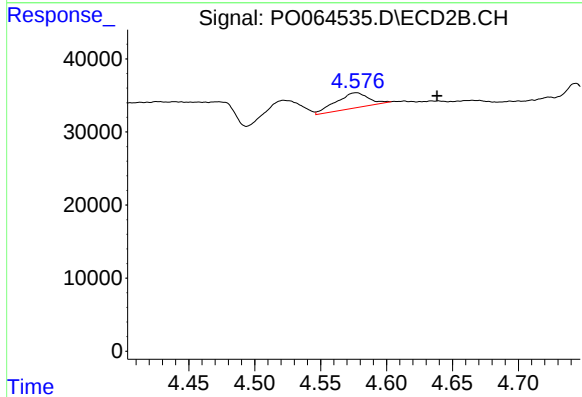
R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 369652
Conc: 471.01 ng/ml



#21 AR-1248-1

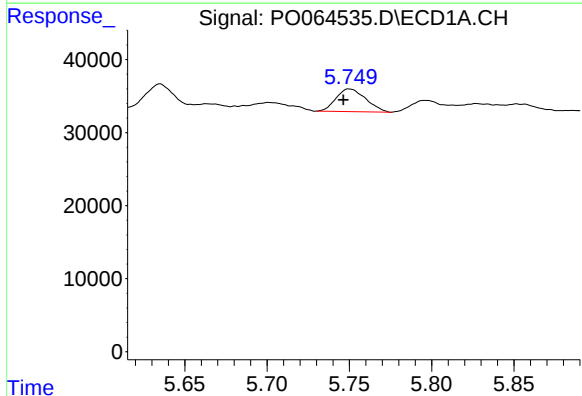
R.T.: 5.498 min
Delta R.T.: 0.023 min
Response: 29393
Conc: 52.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



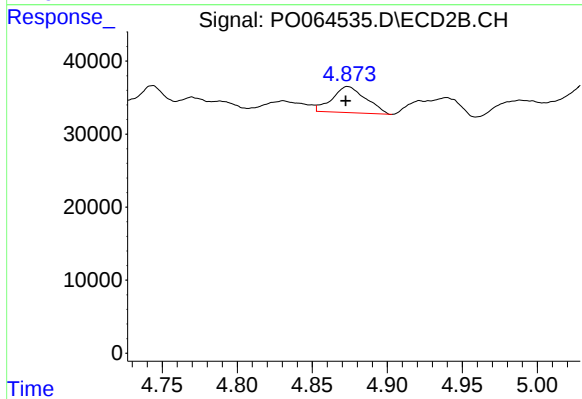
#21 AR-1248-1

R.T.: 4.577 min
Delta R.T.: -0.061 min
Response: 35600
Conc: 79.28 ng/ml



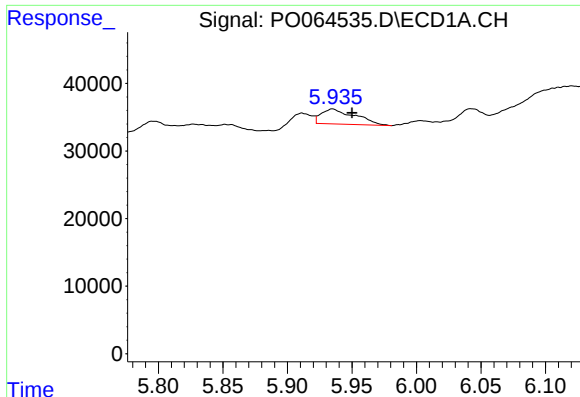
#22 AR-1248-2

R.T.: 5.750 min
Delta R.T.: 0.004 min
Response: 38873
Conc: 46.91 ng/ml



#22 AR-1248-2

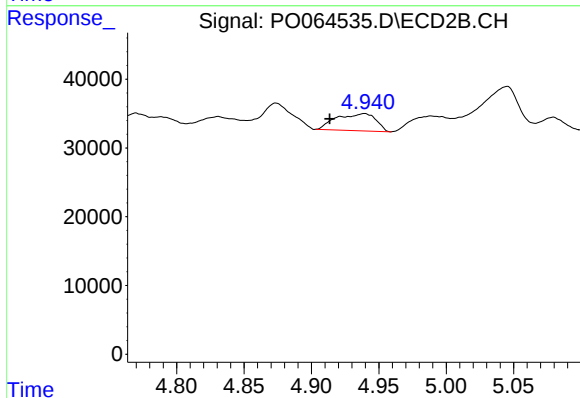
R.T.: 4.874 min
Delta R.T.: 0.001 min
Response: 55391
Conc: 88.09 ng/ml



#23 AR-1248-3

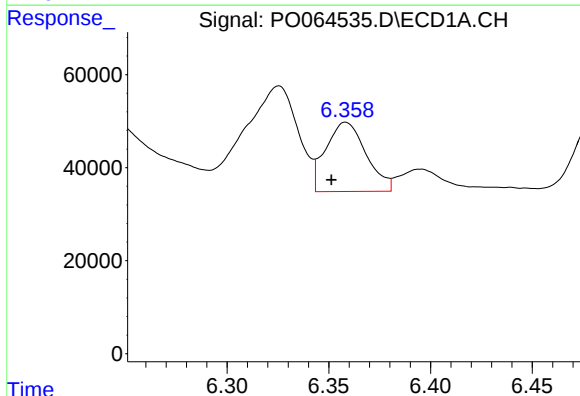
R.T.: 5.935 min
Delta R.T.: -0.015 min
Response: 40391
Conc: 43.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



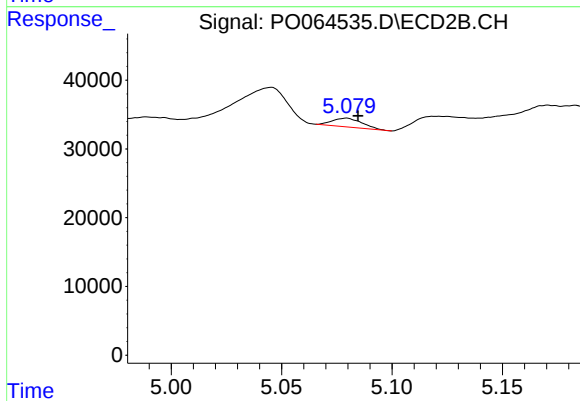
#23 AR-1248-3

R.T.: 4.939 min
Delta R.T.: 0.026 min
Response: 50474
Conc: 78.23 ng/ml



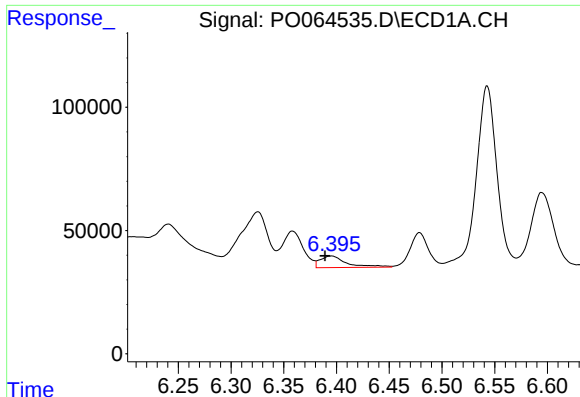
#24 AR-1248-4

R.T.: 6.358 min
Delta R.T.: 0.007 min
Response: 205990
Conc: 185.85 ng/ml



#24 AR-1248-4

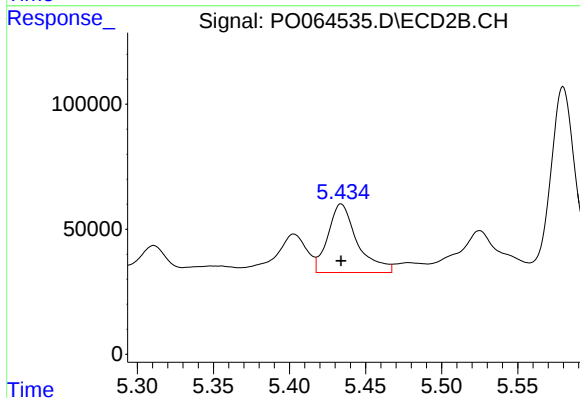
R.T.: 5.079 min
Delta R.T.: -0.005 min
Response: 12055
Conc: 15.29 ng/ml



#25 AR-1248-5

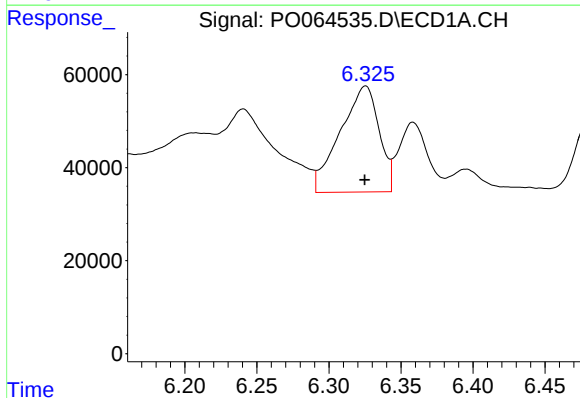
R.T.: 6.395 min
Delta R.T.: 0.006 min
Response: 82713
Conc: 77.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



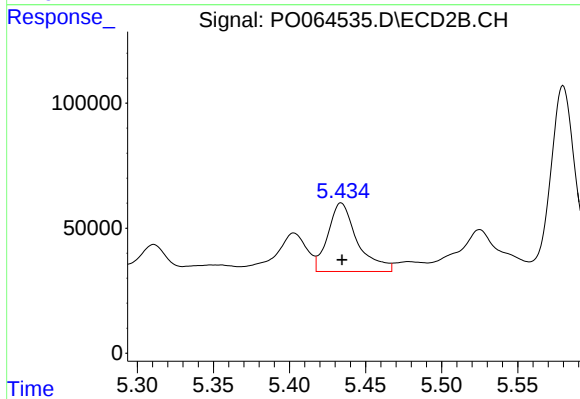
#25 AR-1248-5

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 369652
Conc: 305.10 ng/ml



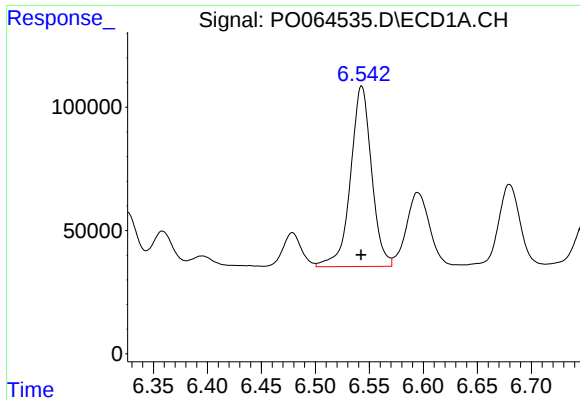
#26 AR-1254-1

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 428725
Conc: 262.68 ng/ml



#26 AR-1254-1

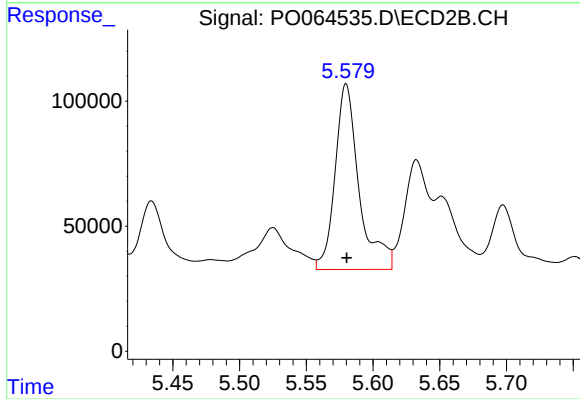
R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 369652
Conc: 188.08 ng/ml



#27 AR-1254-2

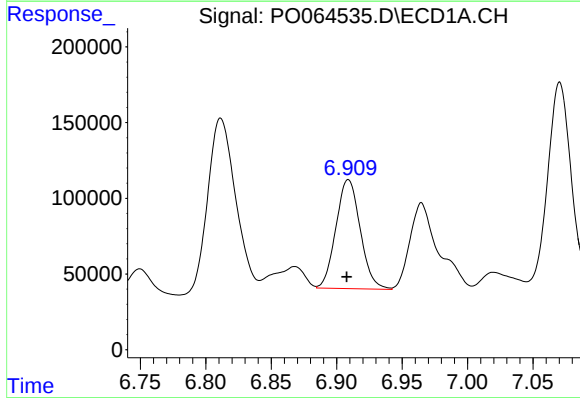
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 994025
Conc: 381.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



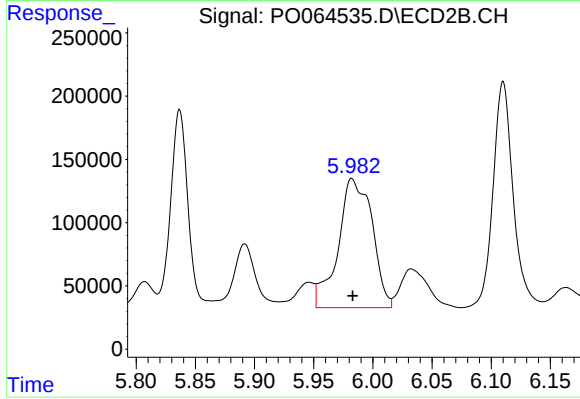
#27 AR-1254-2

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 928158
Conc: 518.26 ng/ml



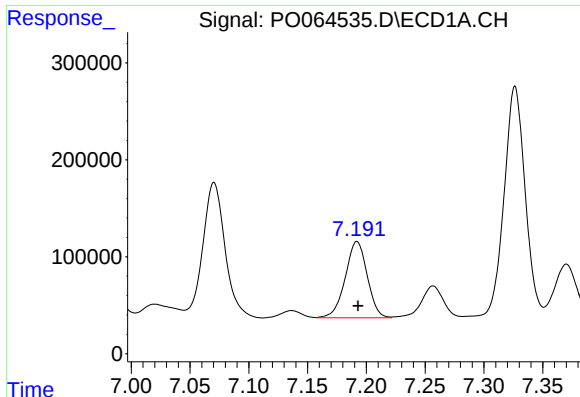
#28 AR-1254-3

R.T.: 6.909 min
Delta R.T.: 0.001 min
Response: 933450
Conc: 323.41 ng/ml



#28 AR-1254-3

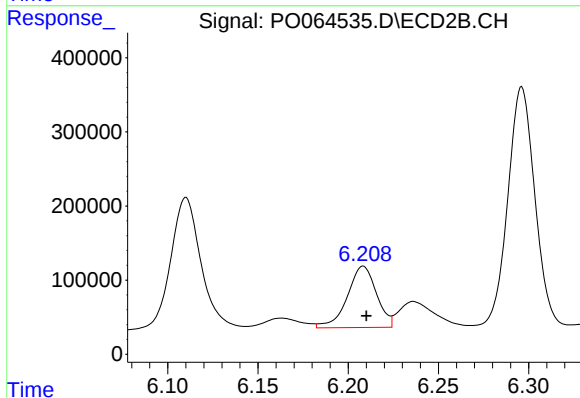
R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 2038964
Conc: 658.83 ng/ml



#29 AR-1254-4

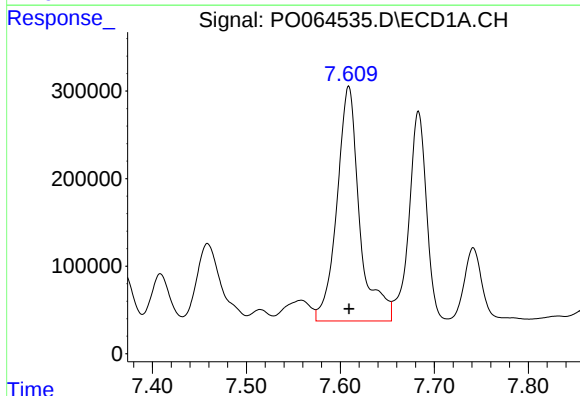
R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 1025968
Conc: 447.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



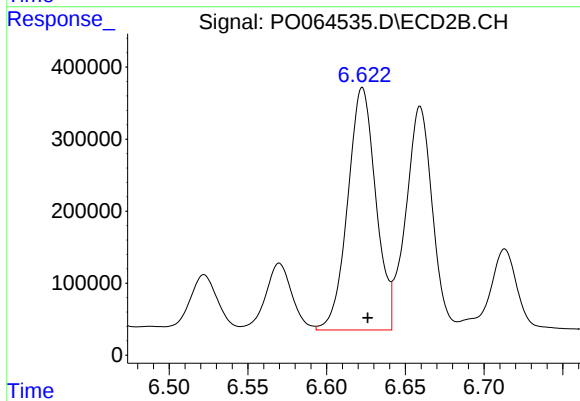
#29 AR-1254-4

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 930264
Conc: 450.87 ng/ml



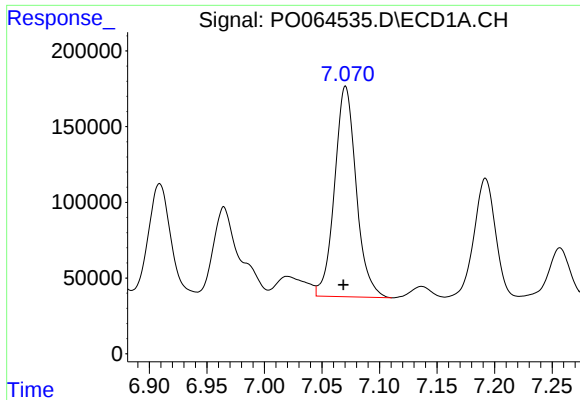
#30 AR-1254-5

R.T.: 7.609 min
Delta R.T.: 0.000 min
Response: 4509305
Conc: 1764.72 ng/ml



#30 AR-1254-5

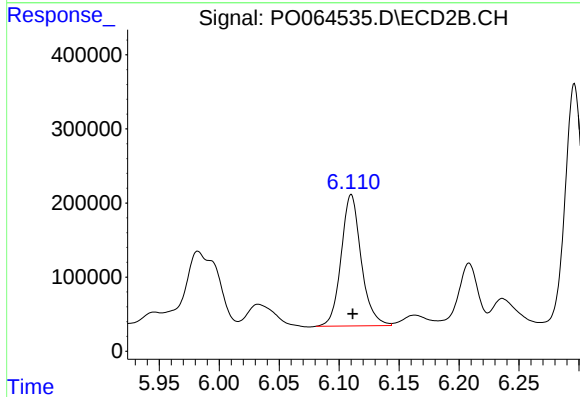
R.T.: 6.623 min
Delta R.T.: -0.003 min
Response: 4185479
Conc: 1387.67 ng/ml



#31 AR-1260-1

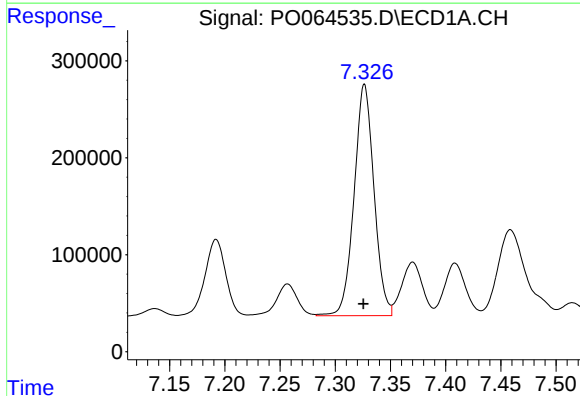
R.T.: 7.070 min
Delta R.T.: 0.002 min
Response: 1820491
Conc: 964.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



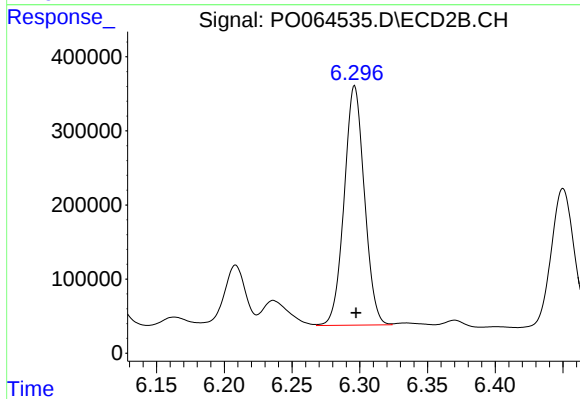
#31 AR-1260-1

R.T.: 6.110 min
Delta R.T.: -0.001 min
Response: 2062348
Conc: 1174.98 ng/ml



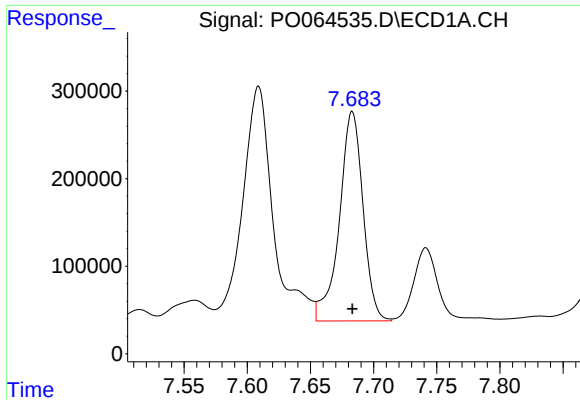
#32 AR-1260-2

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 2992248
Conc: 1279.45 ng/ml



#32 AR-1260-2

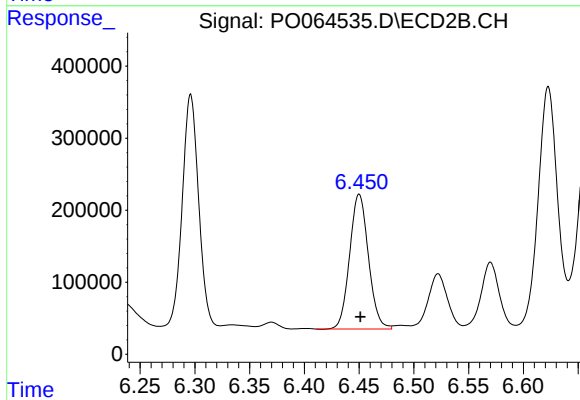
R.T.: 6.296 min
Delta R.T.: -0.001 min
Response: 3359110
Conc: 1509.86 ng/ml



#33 AR-1260-3

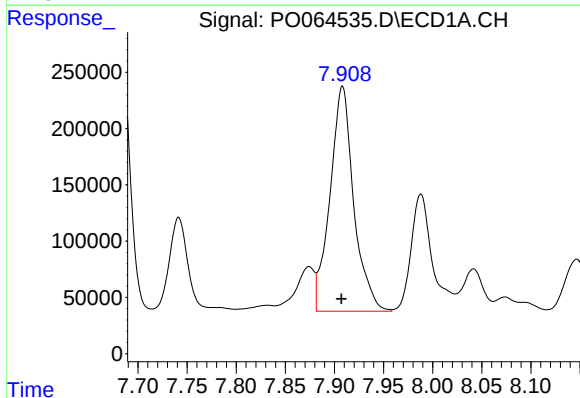
R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 3121625
Conc: 1686.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



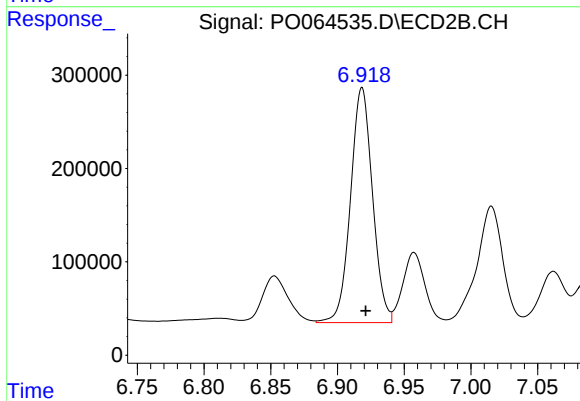
#33 AR-1260-3

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 2237130
Conc: 1100.29 ng/ml



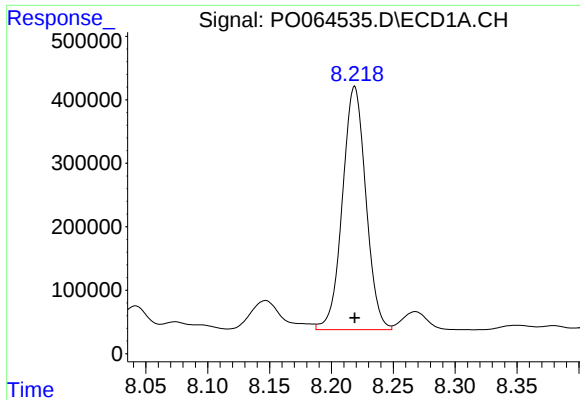
#34 AR-1260-4

R.T.: 7.908 min
Delta R.T.: 0.001 min
Response: 3357689
Conc: 1532.08 ng/ml



#34 AR-1260-4

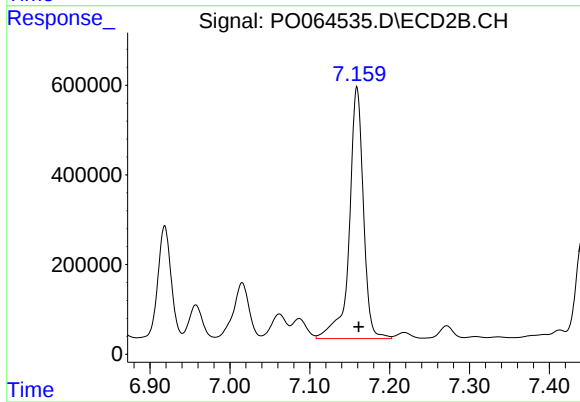
R.T.: 6.918 min
Delta R.T.: -0.003 min
Response: 2885618
Conc: 1555.79 ng/ml



#35 AR-1260-5

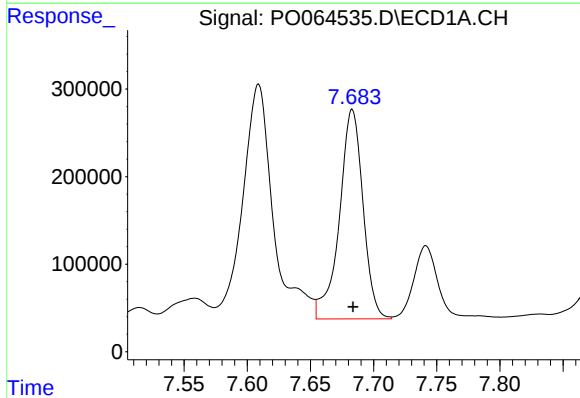
R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 5047213
Conc: 1143.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



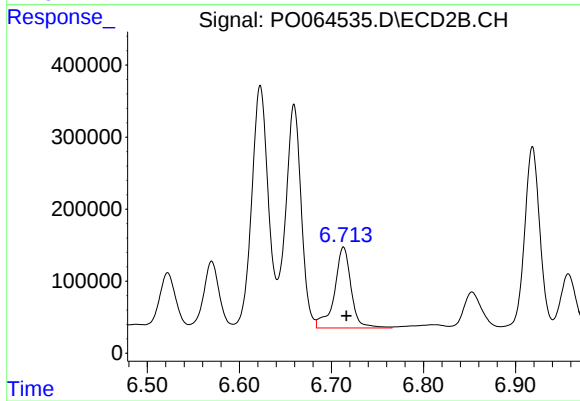
#35 AR-1260-5

R.T.: 7.159 min
Delta R.T.: -0.002 min
Response: 6881996
Conc: 1421.49 ng/ml



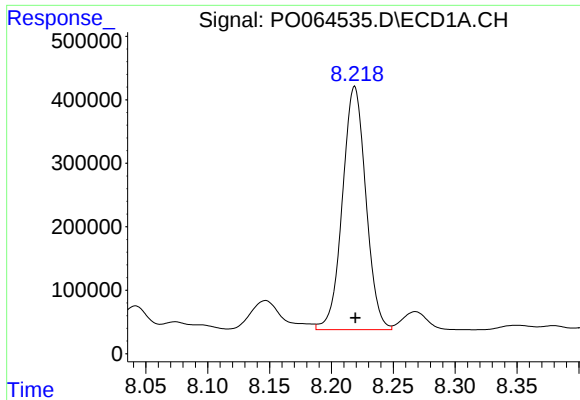
#36 AR-1262-1

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 3121625
Conc: 1045.55 ng/ml



#36 AR-1262-1

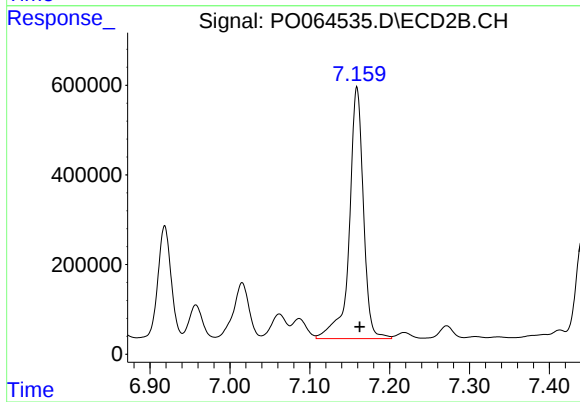
R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 1416624
Conc: 1127.41 ng/ml



#37 AR-1262-2

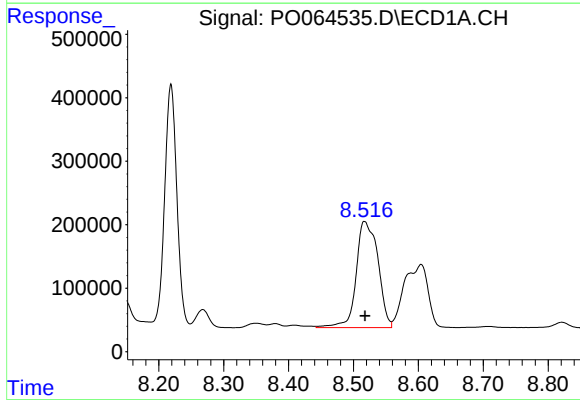
R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 5047213
Conc: 915.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



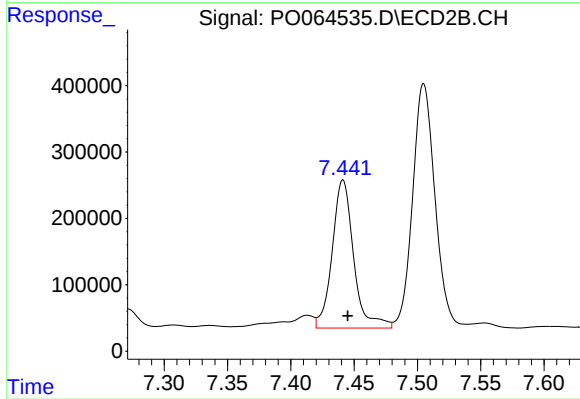
#37 AR-1262-2

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 6881996
Conc: 1153.67 ng/ml



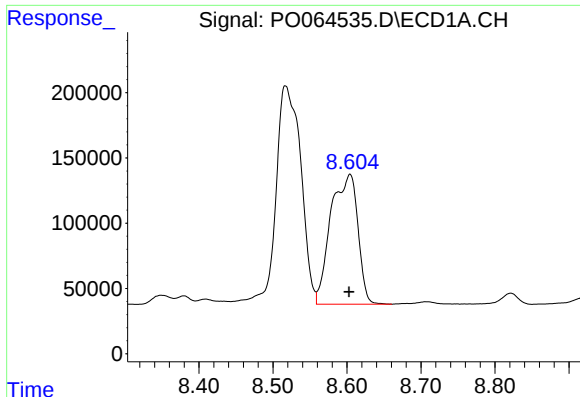
#38 AR-1262-3

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 3901862
Conc: 1008.43 ng/ml



#38 AR-1262-3

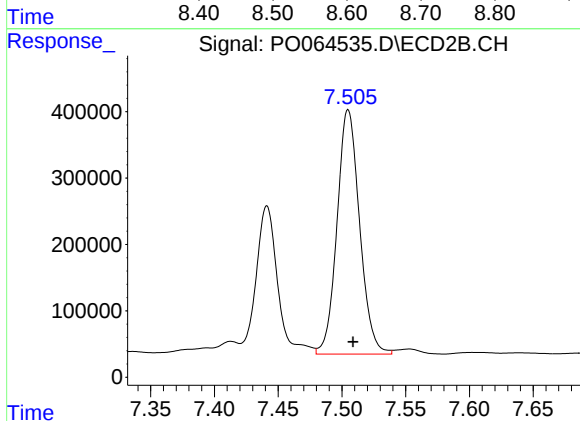
R.T.: 7.441 min
Delta R.T.: -0.004 min
Response: 2627539
Conc: 1127.09 ng/ml



#39 AR-1262-4

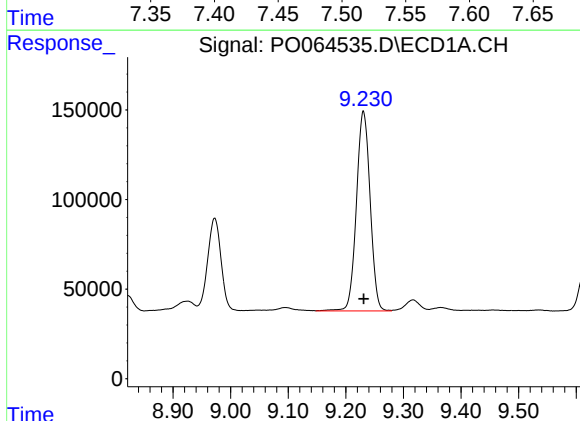
R.T.: 8.604 min
Delta R.T.: 0.001 min
Response: 2537144
Conc: 867.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



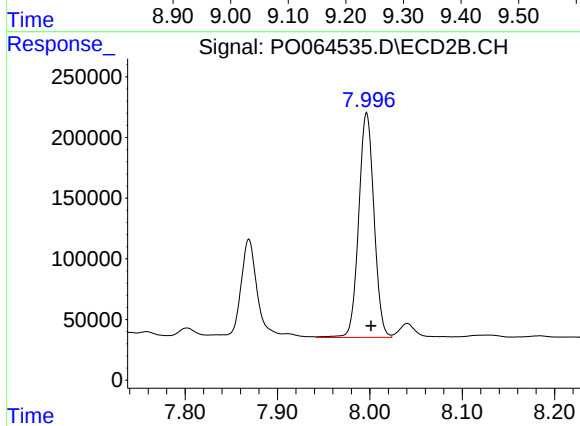
#39 AR-1262-4

R.T.: 7.505 min
Delta R.T.: -0.004 min
Response: 4532154
Conc: 1017.75 ng/ml



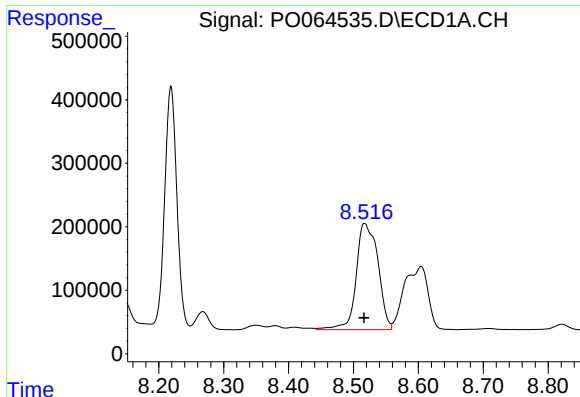
#40 AR-1262-5

R.T.: 9.231 min
Delta R.T.: 0.000 min
Response: 1845035
Conc: 879.05 ng/ml



#40 AR-1262-5

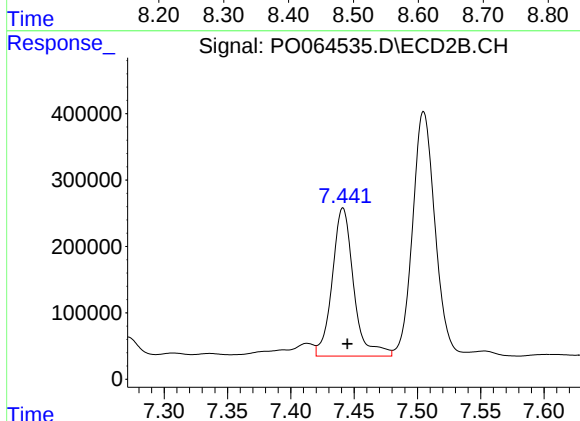
R.T.: 7.997 min
Delta R.T.: -0.005 min
Response: 2129934
Conc: 1008.48 ng/ml



#41 AR-1268-1

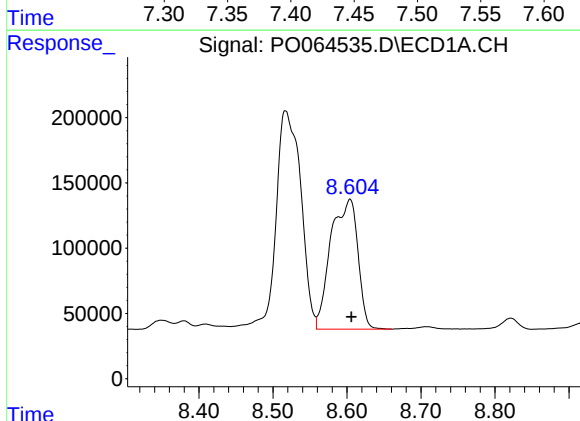
R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 3901862
Conc: 598.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



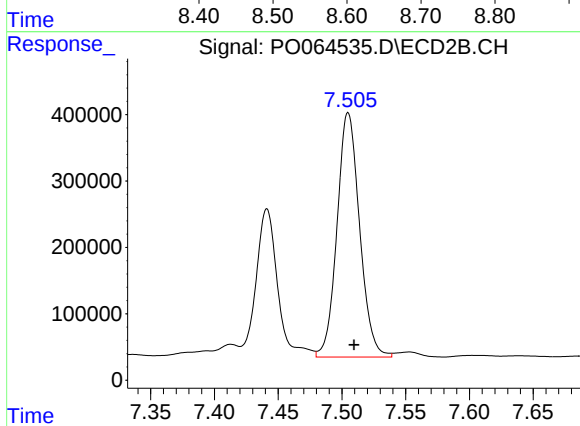
#41 AR-1268-1

R.T.: 7.441 min
Delta R.T.: -0.004 min
Response: 2627539
Conc: 376.34 ng/ml



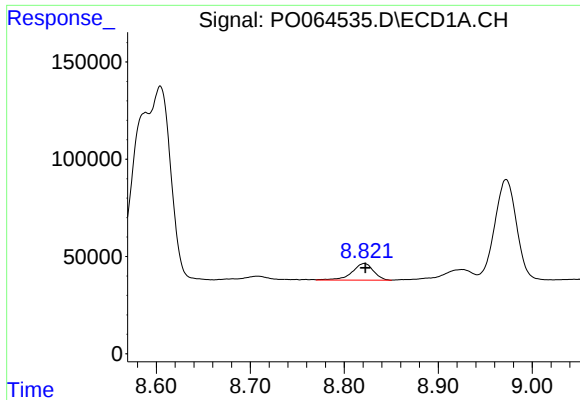
#42 AR-1268-2

R.T.: 8.604 min
Delta R.T.: -0.002 min
Response: 2537144
Conc: 419.95 ng/ml



#42 AR-1268-2

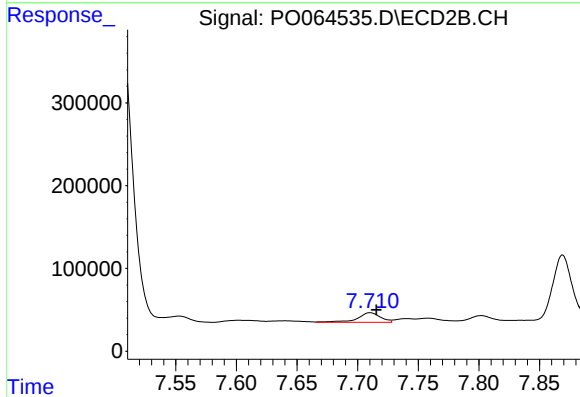
R.T.: 7.505 min
Delta R.T.: -0.005 min
Response: 4532154
Conc: 707.87 ng/ml



#43 AR-1268-3

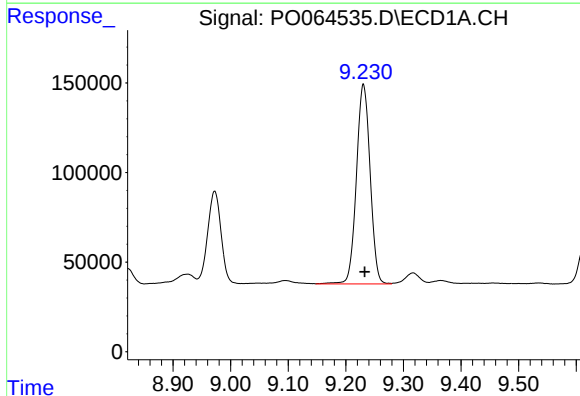
R.T.: 8.821 min
Delta R.T.: -0.001 min
Response: 136449
Conc: 27.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



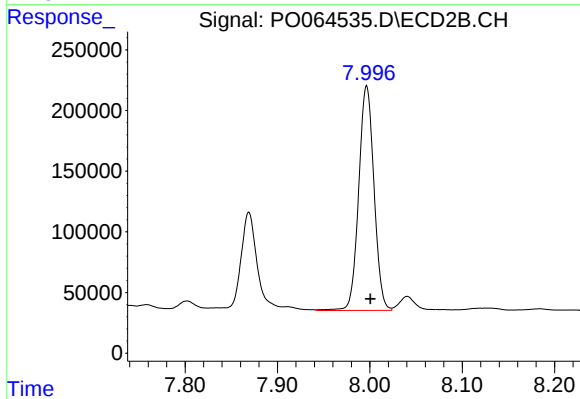
#43 AR-1268-3

R.T.: 7.710 min
Delta R.T.: -0.005 min
Response: 151684
Conc: 28.96 ng/ml



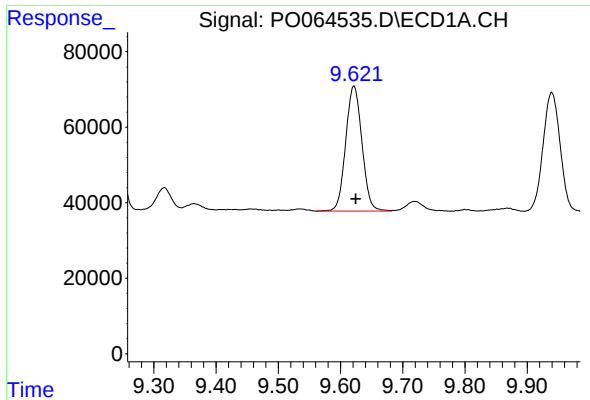
#44 AR-1268-4

R.T.: 9.231 min
Delta R.T.: -0.002 min
Response: 1845035
Conc: 788.58 ng/ml



#44 AR-1268-4

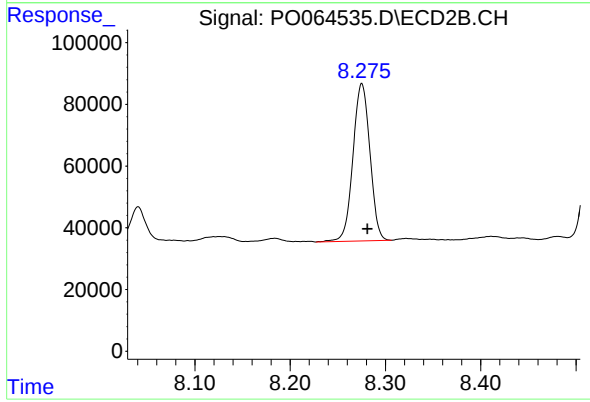
R.T.: 7.997 min
Delta R.T.: -0.004 min
Response: 2129934
Conc: 911.71 ng/ml



#45 AR-1268-5

R.T.: 9.622 min
Delta R.T.: -0.003 min
Response: 601736
Conc: 39.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
12E



#45 AR-1268-5

R.T.: 8.275 min
Delta R.T.: -0.006 min
Response: 629123
Conc: 38.09 ng/ml