

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100819\
 Data File : PO061801.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2019 20:26
 Operator : HP/AJ
 Sample : K5213-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 01:21:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 01 15:34:04 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...	4.364	3.525	1081862	676104	26.378	20.906
2)	SA Decachlor...	10.022	8.431	1777699	6542	38.172	0.202 #
Target Compounds							
3)	L1 AR-1016-1	5.549	4.592	1168062	570527	636.981	424.290 #
4)	L1 AR-1016-2	5.549	4.622	1168062	237918	451.893	128.371 #
5)	L1 AR-1016-3	5.647	4.774	9007	460903	5.607	460.112 #
6)	L1 AR-1016-4	5.747	4.804	701623	4917911	524.796	5675.184 #
7)	L1 AR-1016-5	6.041	5.047	1688470	1321485	1231.179	1157.737
8)	L2 AR-1221-1	4.574	3.741	23353	1325	50.516	3.347 #
9)	L2 AR-1221-2	4.666	3.814	71261	24484	198.487	79.391 #
10)	L2 AR-1221-3	4.733	3.887	42976	17379	37.747	19.053 #
11)	L3 AR-1232-1	4.733	3.887	42976	17379	30.732	15.478 #
12)	L3 AR-1232-2	5.259	4.592	385821	570527	491.768	467.382
13)	L3 AR-1232-3	5.549	4.774	1168062	460903	683.605	698.070
14)	L3 AR-1232-4	5.706	4.843	339010	3838481	383.155	6089.417 #
15)	L3 AR-1232-5	5.797	5.009	8716733	3407887	12572.240	4966.677 #
16)	L4 AR-1242-1	5.527	4.573	668280	423421	470.566	413.294
17)	L4 AR-1242-2	5.549	4.592	1168062	570527	581.173	404.565 #
18)	L4 AR-1242-3	5.614	4.774	269162	460903	213.303	590.233 #
19)	L4 AR-1242-4	5.706	4.843	339010	3838481	322.631	4677.656 #
20)	L4 AR-1242-5	6.442	5.352	9810539	13201396	7335.014	12323.420 #
21)	L5 AR-1248-1	5.549	4.592	1168062	570527	994.249	637.591 #
22)	L5 AR-1248-2	5.842	4.804	6778583	4917911	4017.729	4173.857
23)	L5 AR-1248-3	6.041	4.874	1688470	1979849	903.485	1595.009 #
24)	L5 AR-1248-4	6.442	5.047	9810539	1321485	4152.011	879.057 #
25)	L5 AR-1248-5	6.442	5.423	9810539	1610519	4326.704	1049.771 #
26)	L6 AR-1254-1	6.375	5.352	18473066	13201396	8097.266	6018.987 #
27)	L6 AR-1254-2	6.593	5.496	30799017	12140308	8524.334	6192.483 #
28)	L6 AR-1254-3	6.959	5.888	36143371	21944792	9250.097	6892.743 #
29)	L6 AR-1254-4	7.244	6.112	23903534	11900485	7892.537	5865.633 #
30)	L6 AR-1254-5	7.661	6.521	25659346	17021968	8170.703	6018.095 #
31)	L7 AR-1260-1	7.121	6.016	13164746	9119335	5042.917	4470.708
32)	L7 AR-1260-2	7.421	6.201	8406382	8532635	2636.887	3552.695 #
33)	L7 AR-1260-3	7.732	6.349	3784366	7294577	1575.594	3237.555 #
34)	L7 AR-1260-4	8.007	6.850	106824	4248125	39.978	2300.999 #
35)	L7 AR-1260-5	8.325	7.082	362057	602134	73.170	154.646 #
36)	L8 AR-1262-1	7.732	6.611	3784366	864046	987.704	707.865 #
37)	L8 AR-1262-2	8.274	7.052	5828551	3450818	938.865	750.500
38)	L8 AR-1262-3	8.593	7.331	4234303	707892	1018.765	375.773 #
39)	L8 AR-1262-4	8.663	7.392	814476	2957910	258.001	880.138 #
40)	L8 AR-1262-5	9.302	7.882	1172181	745119	576.398	491.513
41)	L9 AR-1268-1	8.593	7.331	4234303	707892	629.690	146.588 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100819\
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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 08 Oct 2019 20:26
Operator : HP/AJ
Sample : K5213-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

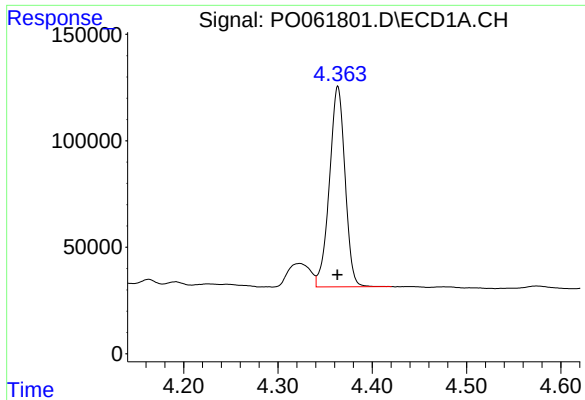
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 01:21:11 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 01 15:34:04 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	8.663	7.392	814476	2957910	131.528	686.317 #
43)	L9 AR-1268-3	8.885	7.595	472136	306179	92.358	85.424
44)	L9 AR-1268-4	9.302	7.882	1172181	745119	536.077	462.983
45)	L9 AR-1268-5	9.699	8.152	1272714	766972	84.720	76.270

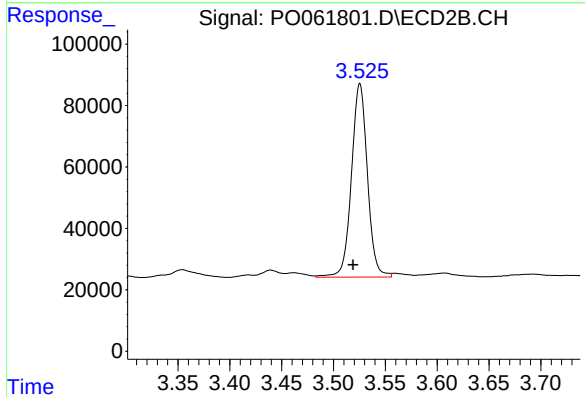
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

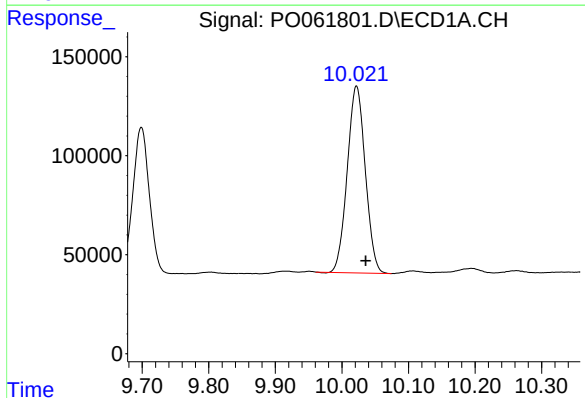
R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1081862
Conc: 26.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



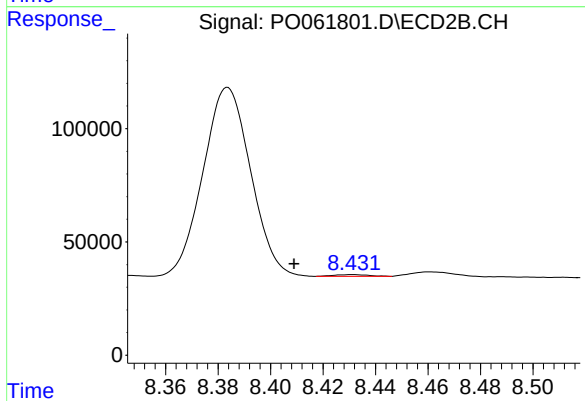
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: 0.006 min
Response: 676104
Conc: 20.91 ng/ml



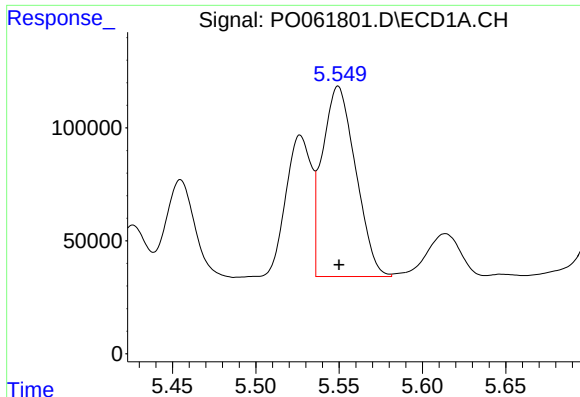
#2 Decachlorobiphenyl

R.T.: 10.022 min
Delta R.T.: -0.014 min
Response: 1777699
Conc: 38.17 ng/ml



#2 Decachlorobiphenyl

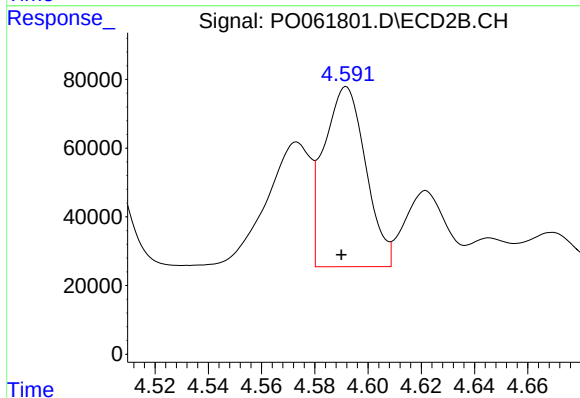
R.T.: 8.431 min
Delta R.T.: 0.022 min
Response: 6542
Conc: 0.20 ng/ml



#3 AR-1016-1

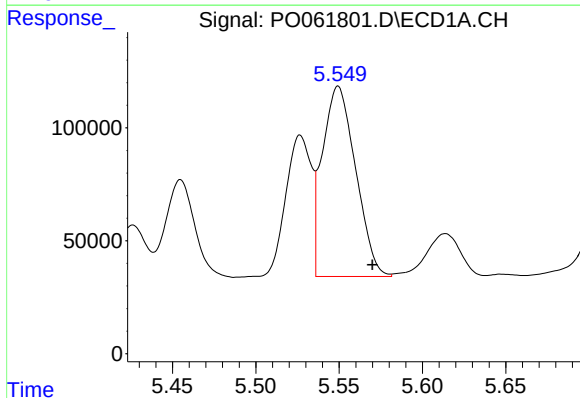
R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 1168062
Conc: 636.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



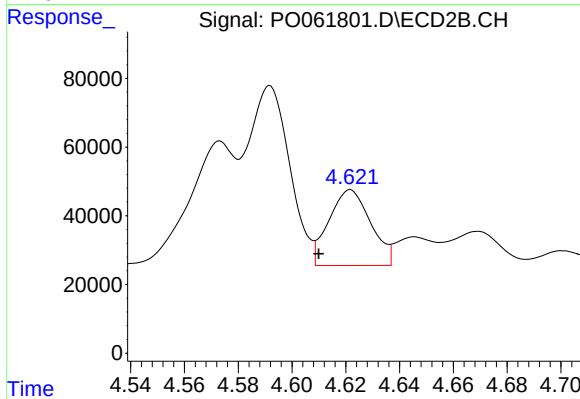
#3 AR-1016-1

R.T.: 4.592 min
Delta R.T.: 0.002 min
Response: 570527
Conc: 424.29 ng/ml



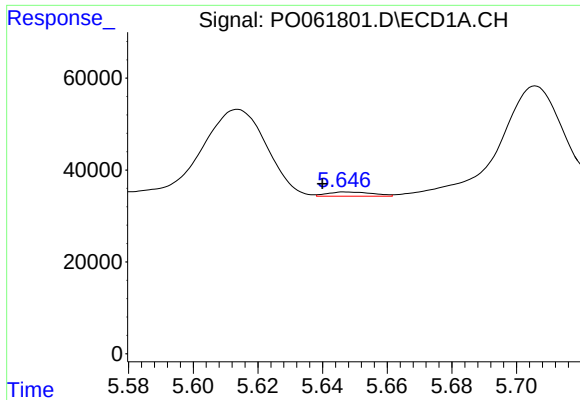
#4 AR-1016-2

R.T.: 5.549 min
Delta R.T.: -0.021 min
Response: 1168062
Conc: 451.89 ng/ml



#4 AR-1016-2

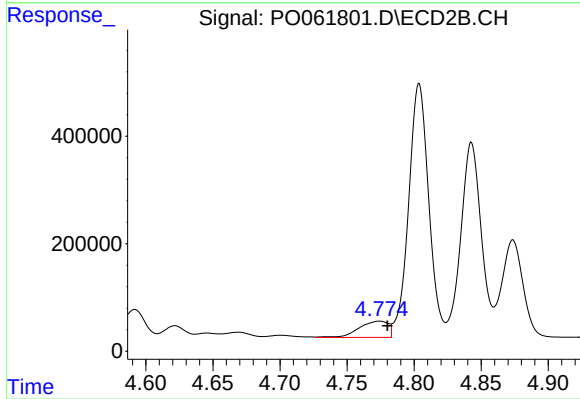
R.T.: 4.622 min
Delta R.T.: 0.012 min
Response: 237918
Conc: 128.37 ng/ml



#5 AR-1016-3

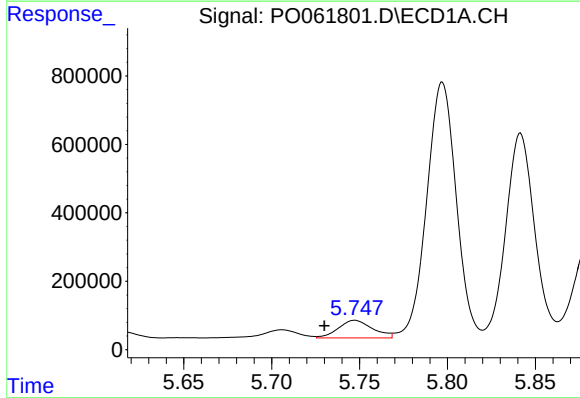
R.T.: 5.647 min
Delta R.T.: 0.007 min
Response: 9007
Conc: 5.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



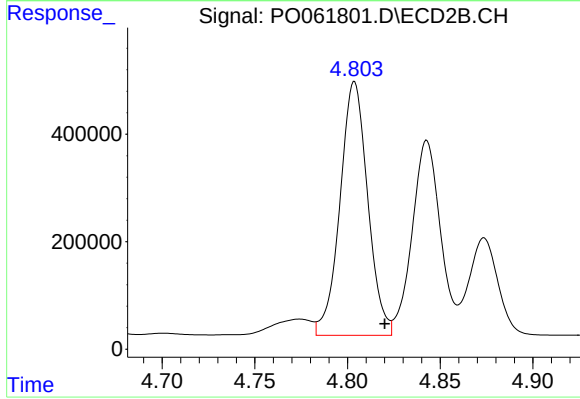
#5 AR-1016-3

R.T.: 4.774 min
Delta R.T.: -0.006 min
Response: 460903
Conc: 460.11 ng/ml



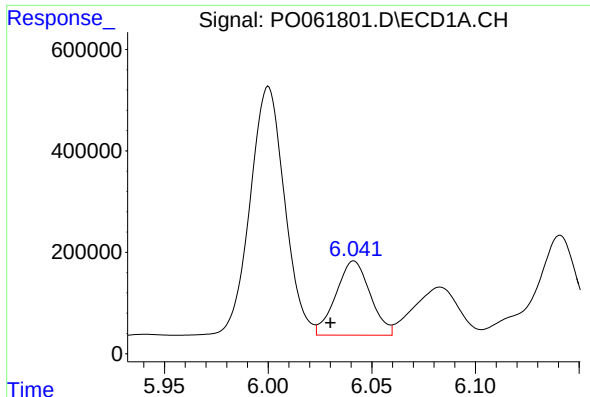
#6 AR-1016-4

R.T.: 5.747 min
Delta R.T.: 0.017 min
Response: 701623
Conc: 524.80 ng/ml



#6 AR-1016-4

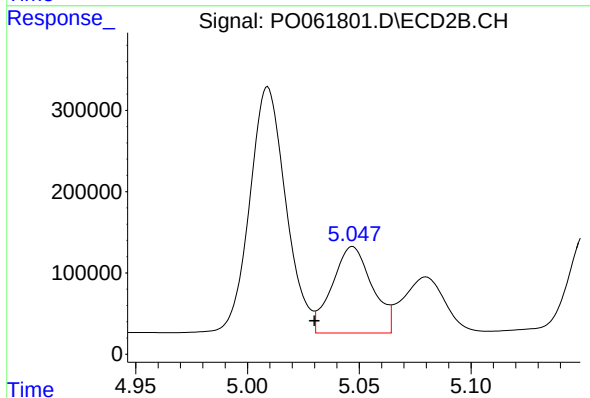
R.T.: 4.804 min
Delta R.T.: -0.016 min
Response: 4917911
Conc: 5675.18 ng/ml



#7 AR-1016-5

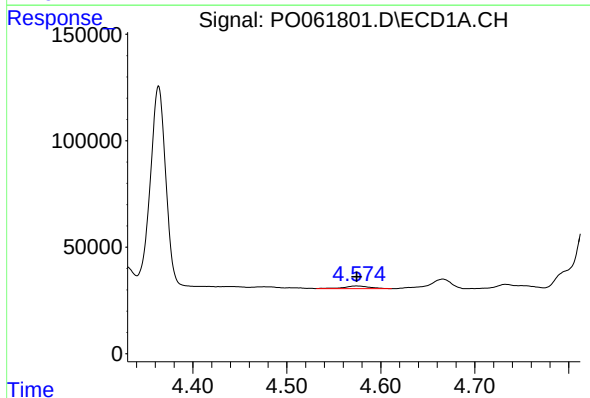
R.T.: 6.041 min
Delta R.T.: 0.011 min
Response: 1688470
Conc: 1231.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



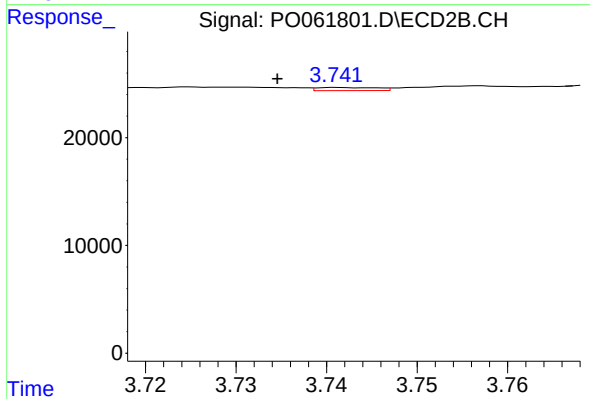
#7 AR-1016-5

R.T.: 5.047 min
Delta R.T.: 0.017 min
Response: 1321485
Conc: 1157.74 ng/ml



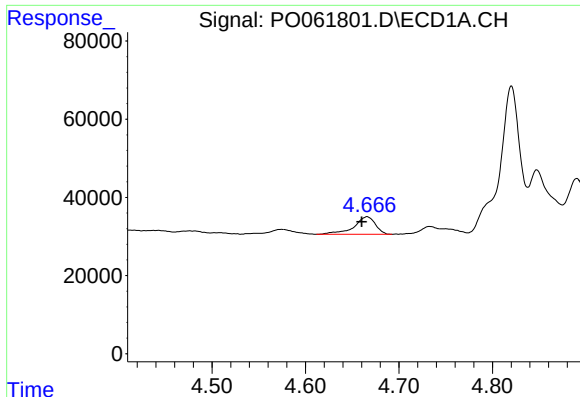
#8 AR-1221-1

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 23353
Conc: 50.52 ng/ml



#8 AR-1221-1

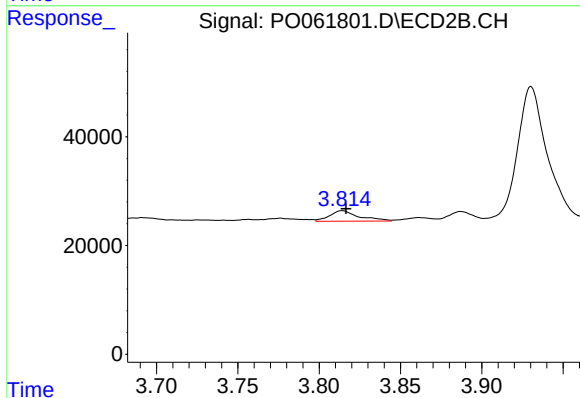
R.T.: 3.741 min
Delta R.T.: 0.007 min
Response: 1325
Conc: 3.35 ng/ml



#9 AR-1221-2

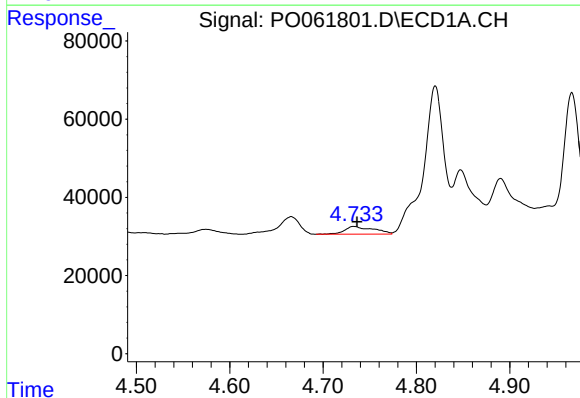
R.T.: 4.666 min
Delta R.T.: 0.006 min
Response: 71261
Conc: 198.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



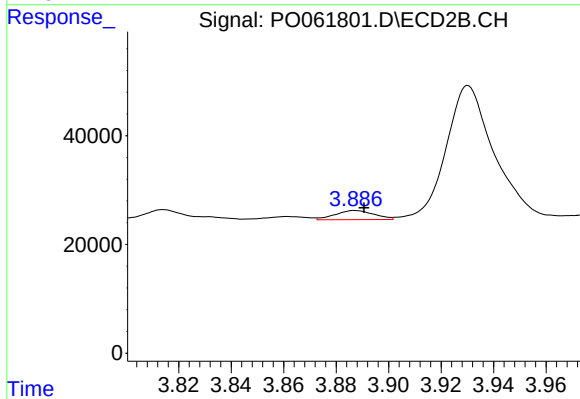
#9 AR-1221-2

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 24484
Conc: 79.39 ng/ml



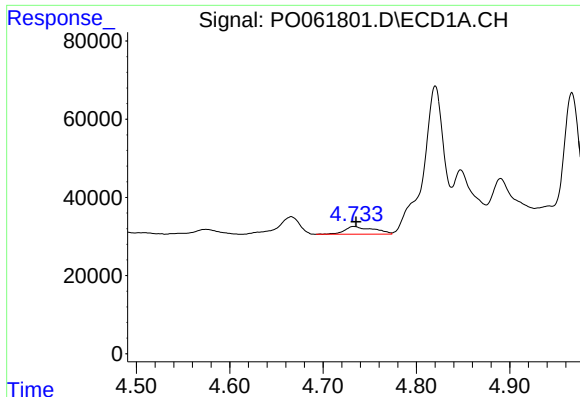
#10 AR-1221-3

R.T.: 4.733 min
Delta R.T.: -0.003 min
Response: 42976
Conc: 37.75 ng/ml



#10 AR-1221-3

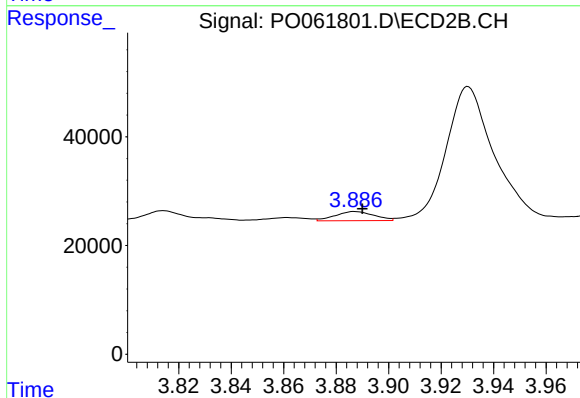
R.T.: 3.887 min
Delta R.T.: -0.004 min
Response: 17379
Conc: 19.05 ng/ml



#11 AR-1232-1

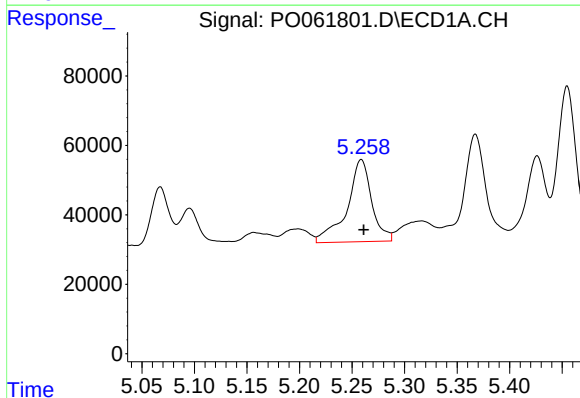
R.T.: 4.733 min
Delta R.T.: -0.003 min
Response: 42976
Conc: 30.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



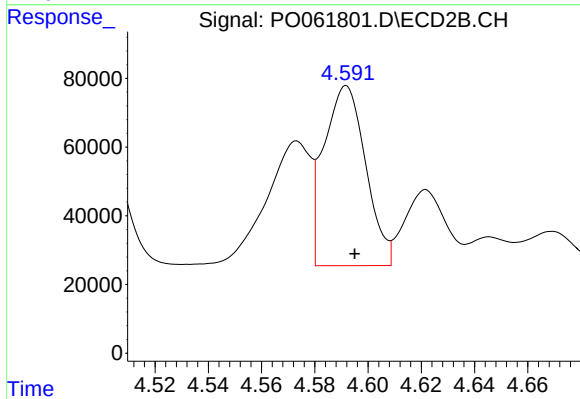
#11 AR-1232-1

R.T.: 3.887 min
Delta R.T.: -0.003 min
Response: 17379
Conc: 15.48 ng/ml



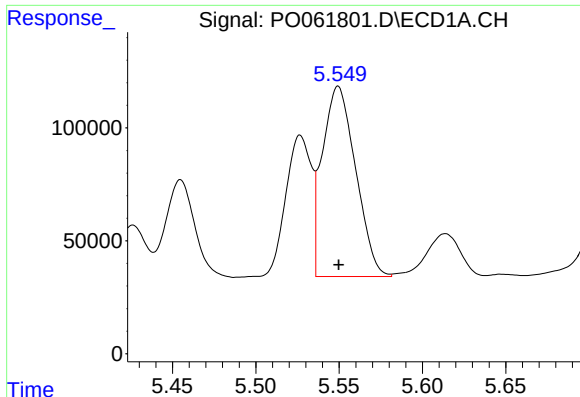
#12 AR-1232-2

R.T.: 5.259 min
Delta R.T.: -0.002 min
Response: 385821
Conc: 491.77 ng/ml



#12 AR-1232-2

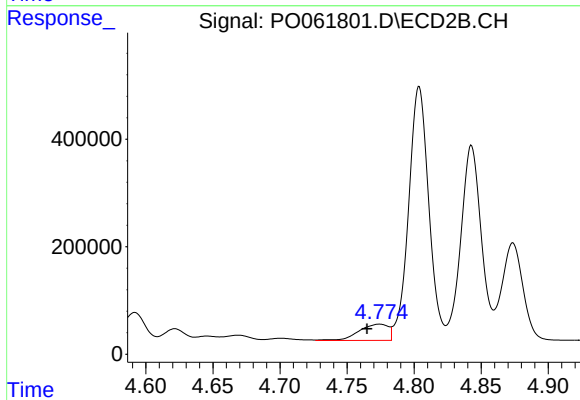
R.T.: 4.592 min
Delta R.T.: -0.003 min
Response: 570527
Conc: 467.38 ng/ml



#13 AR-1232-3

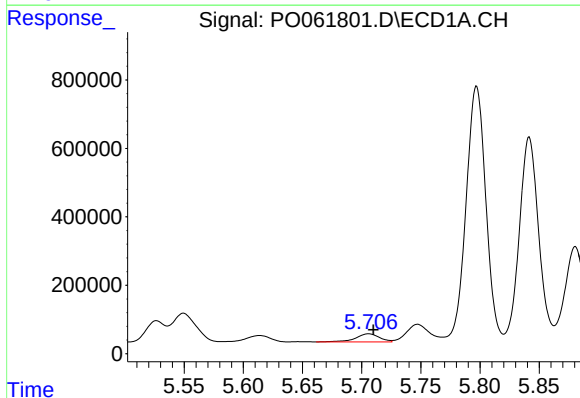
R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 1168062
Conc: 683.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



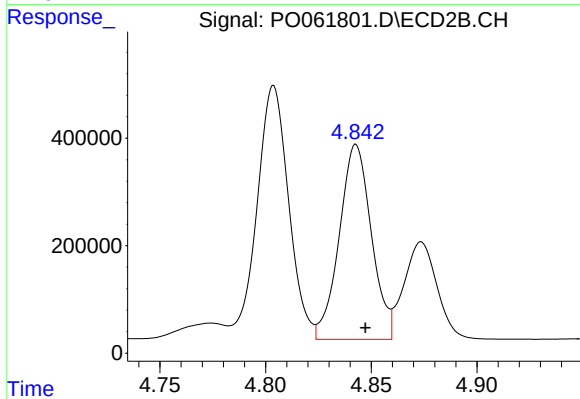
#13 AR-1232-3

R.T.: 4.774 min
Delta R.T.: 0.009 min
Response: 460903
Conc: 698.07 ng/ml



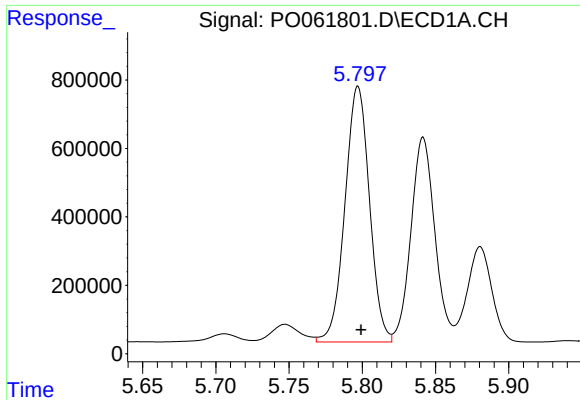
#14 AR-1232-4

R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 339010
Conc: 383.16 ng/ml



#14 AR-1232-4

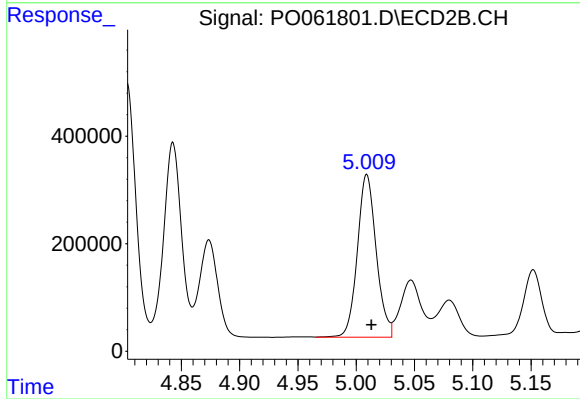
R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 3838481
Conc: 6089.42 ng/ml



#15 AR-1232-5

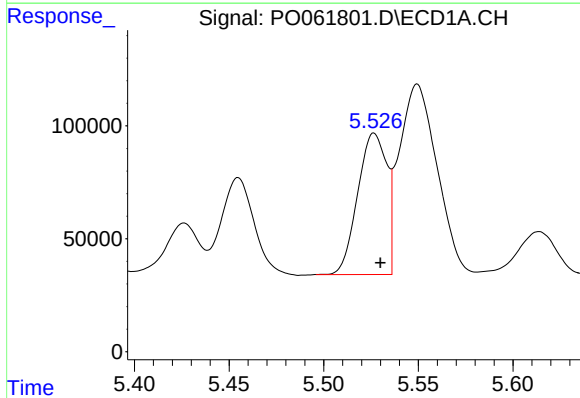
R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 8716733
Conc: 12572.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



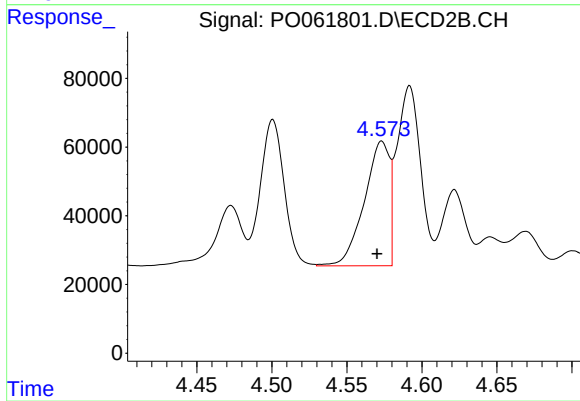
#15 AR-1232-5

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 3407887
Conc: 4966.68 ng/ml



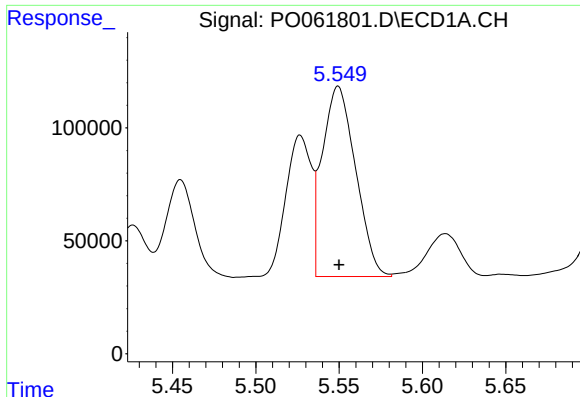
#16 AR-1242-1

R.T.: 5.527 min
Delta R.T.: -0.003 min
Response: 668280
Conc: 470.57 ng/ml



#16 AR-1242-1

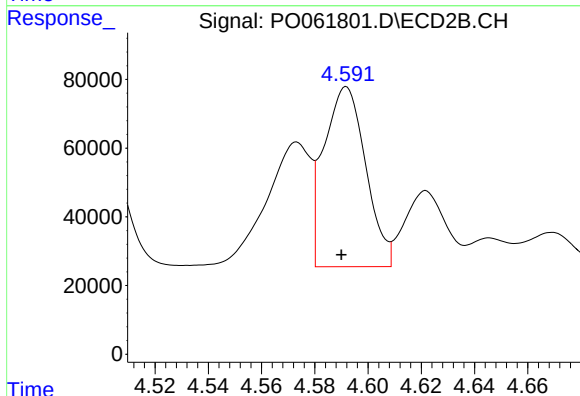
R.T.: 4.573 min
Delta R.T.: 0.003 min
Response: 423421
Conc: 413.29 ng/ml



#17 AR-1242-2

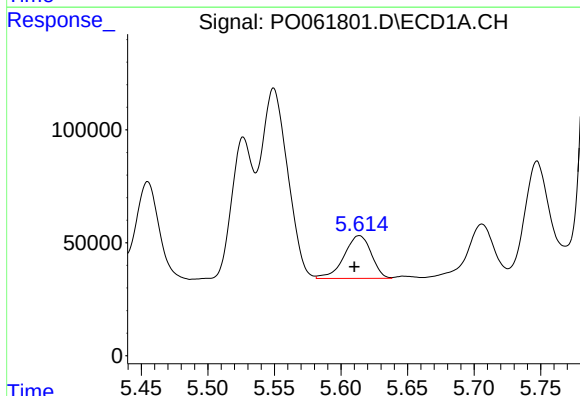
R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 1168062
Conc: 581.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



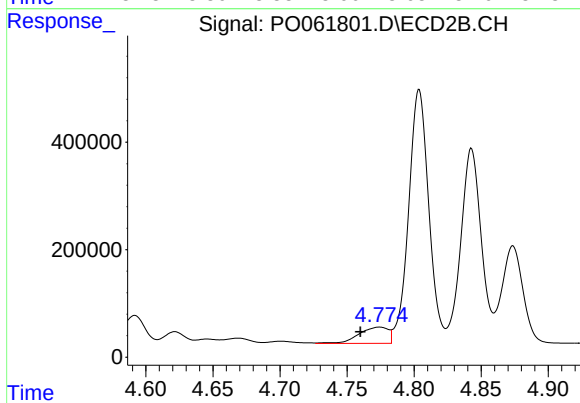
#17 AR-1242-2

R.T.: 4.592 min
Delta R.T.: 0.002 min
Response: 570527
Conc: 404.56 ng/ml



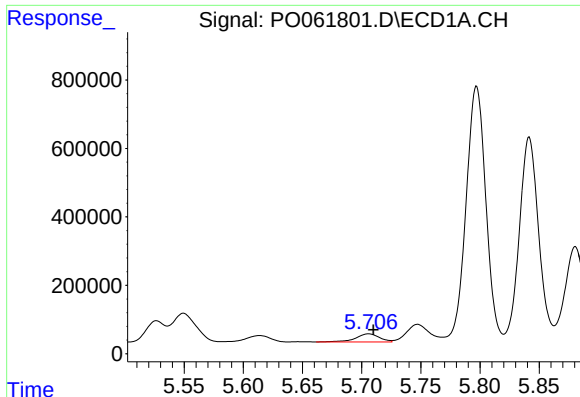
#18 AR-1242-3

R.T.: 5.614 min
Delta R.T.: 0.004 min
Response: 269162
Conc: 213.30 ng/ml



#18 AR-1242-3

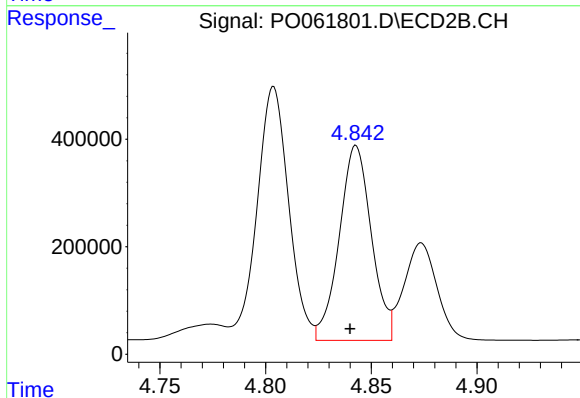
R.T.: 4.774 min
Delta R.T.: 0.014 min
Response: 460903
Conc: 590.23 ng/ml



#19 AR-1242-4

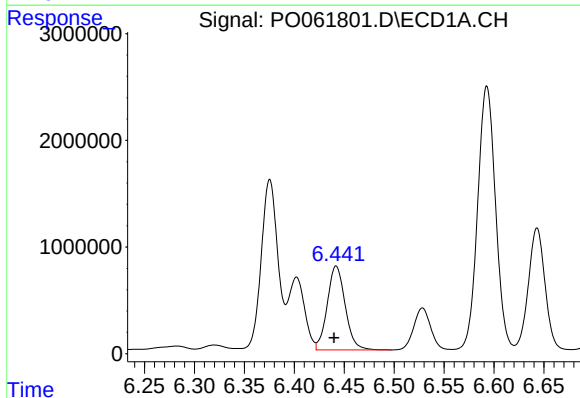
R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 339010
Conc: 322.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



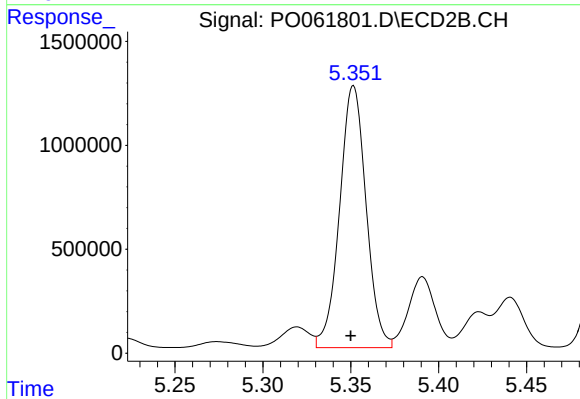
#19 AR-1242-4

R.T.: 4.843 min
Delta R.T.: 0.003 min
Response: 3838481
Conc: 4677.66 ng/ml



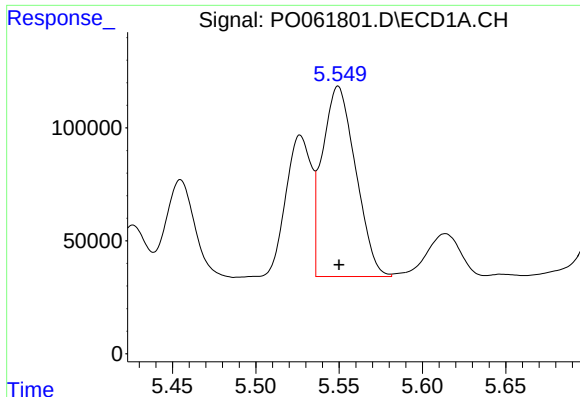
#20 AR-1242-5

R.T.: 6.442 min
Delta R.T.: 0.002 min
Response: 9810539
Conc: 7335.01 ng/ml



#20 AR-1242-5

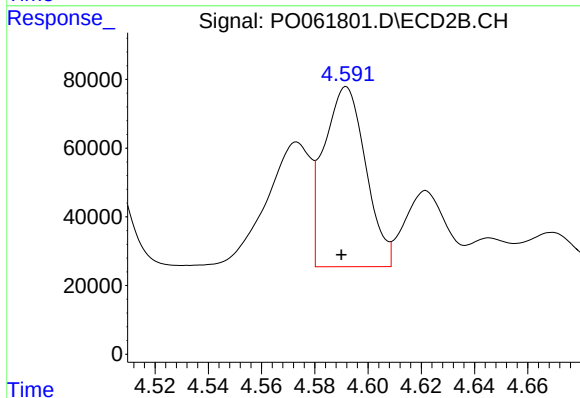
R.T.: 5.352 min
Delta R.T.: 0.002 min
Response: 13201396
Conc: 12323.42 ng/ml



#21 AR-1248-1

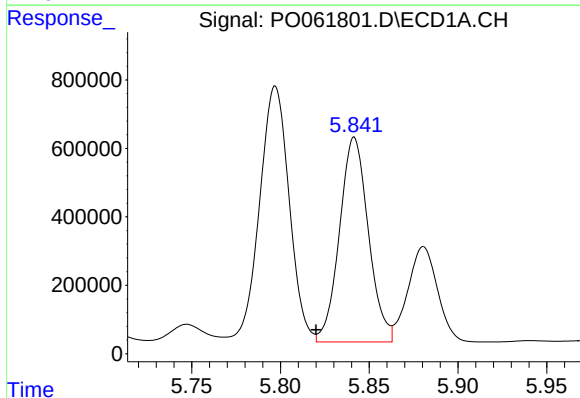
R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 1168062
Conc: 994.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



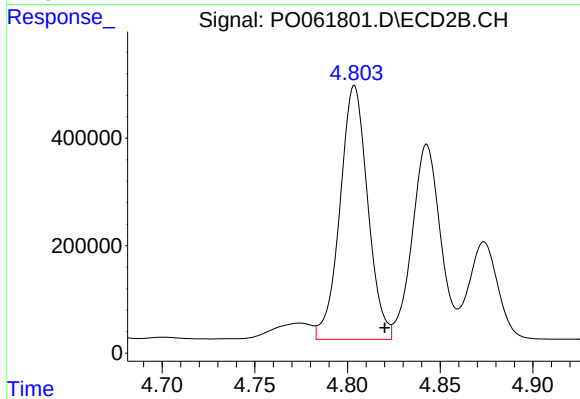
#21 AR-1248-1

R.T.: 4.592 min
Delta R.T.: 0.002 min
Response: 570527
Conc: 637.59 ng/ml



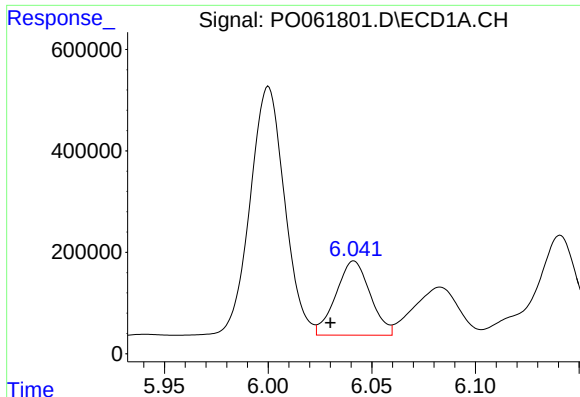
#22 AR-1248-2

R.T.: 5.842 min
Delta R.T.: 0.022 min
Response: 6778583
Conc: 4017.73 ng/ml



#22 AR-1248-2

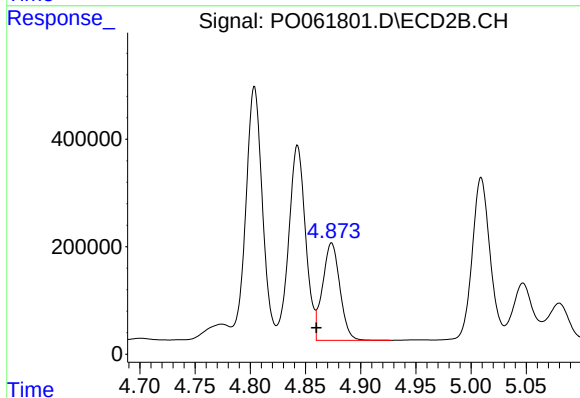
R.T.: 4.804 min
Delta R.T.: -0.016 min
Response: 4917911
Conc: 4173.86 ng/ml



#23 AR-1248-3

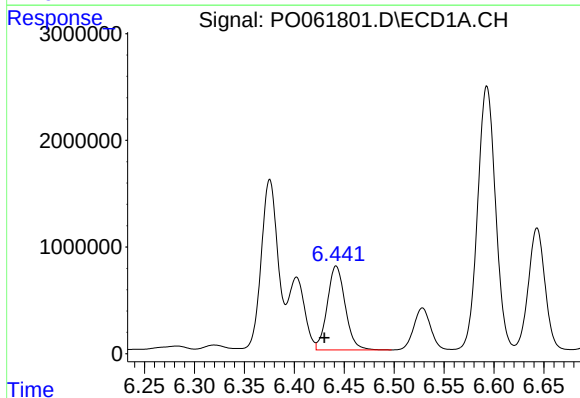
R.T.: 6.041 min
Delta R.T.: 0.011 min
Response: 1688470
Conc: 903.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



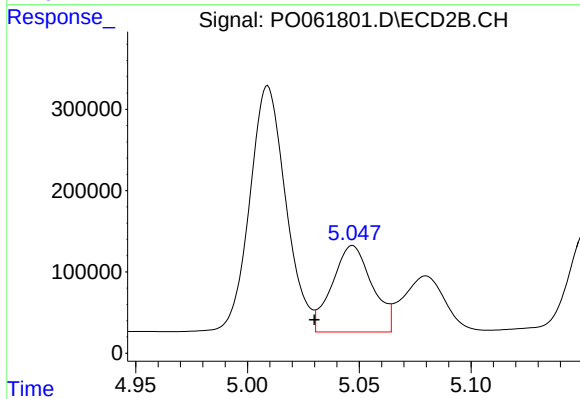
#23 AR-1248-3

R.T.: 4.874 min
Delta R.T.: 0.014 min
Response: 1979849
Conc: 1595.01 ng/ml



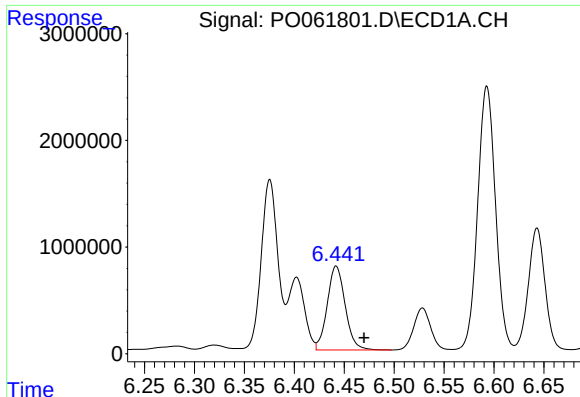
#24 AR-1248-4

R.T.: 6.442 min
Delta R.T.: 0.012 min
Response: 9810539
Conc: 4152.01 ng/ml



#24 AR-1248-4

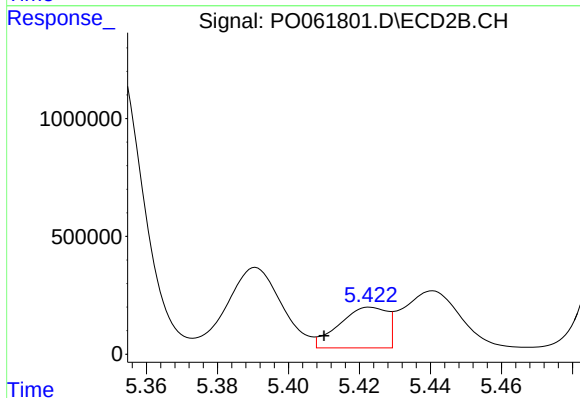
R.T.: 5.047 min
Delta R.T.: 0.017 min
Response: 1321485
Conc: 879.06 ng/ml



#25 AR-1248-5

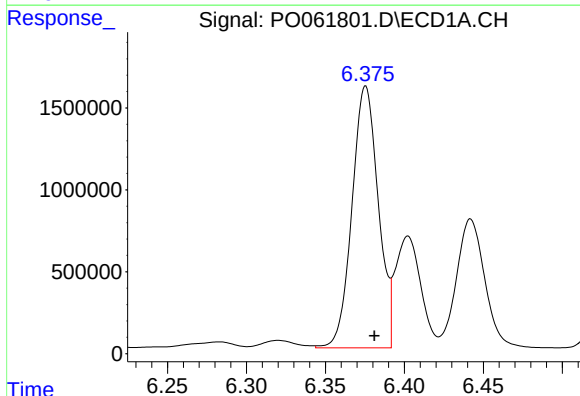
R.T.: 6.442 min
Delta R.T.: -0.028 min
Response: 9810539
Conc: 4326.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



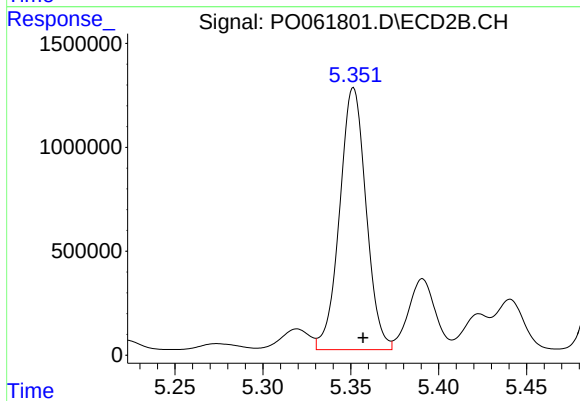
#25 AR-1248-5

R.T.: 5.423 min
Delta R.T.: 0.013 min
Response: 1610519
Conc: 1049.77 ng/ml



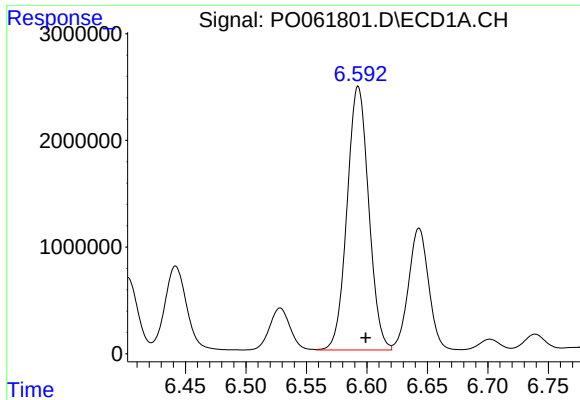
#26 AR-1254-1

R.T.: 6.375 min
Delta R.T.: -0.006 min
Response: 18473066
Conc: 8097.27 ng/ml



#26 AR-1254-1

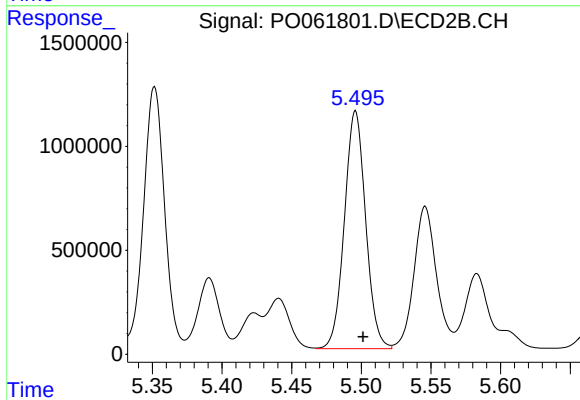
R.T.: 5.352 min
Delta R.T.: -0.005 min
Response: 13201396
Conc: 6018.99 ng/ml



#27 AR-1254-2

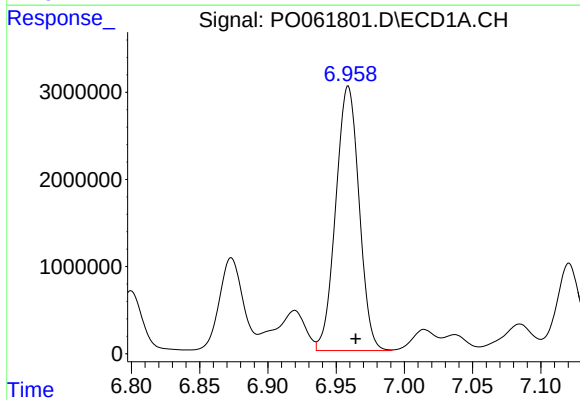
R.T.: 6.593 min
Delta R.T.: -0.006 min
Response: 30799017
Conc: 8524.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



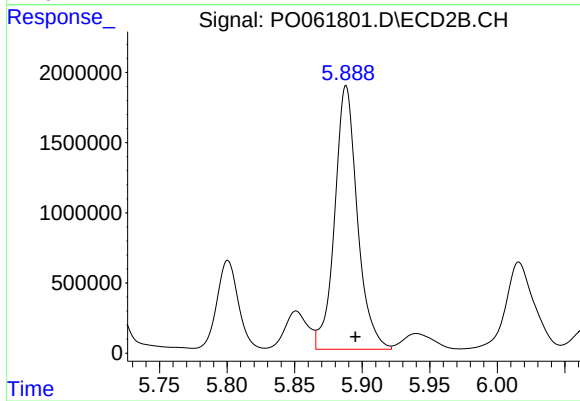
#27 AR-1254-2

R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: 12140308
Conc: 6192.48 ng/ml



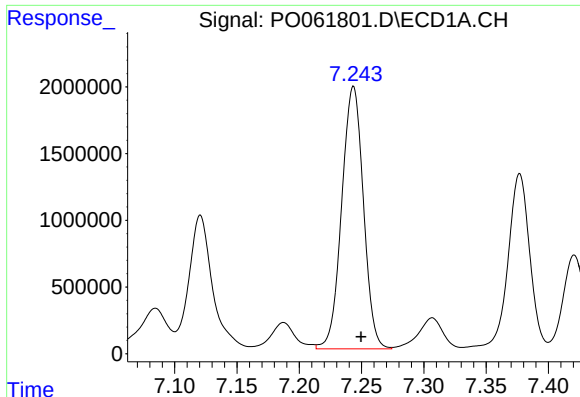
#28 AR-1254-3

R.T.: 6.959 min
Delta R.T.: -0.006 min
Response: 36143371
Conc: 9250.10 ng/ml



#28 AR-1254-3

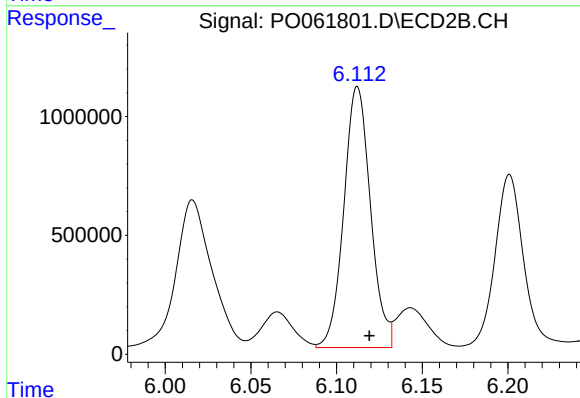
R.T.: 5.888 min
Delta R.T.: -0.007 min
Response: 21944792
Conc: 6892.74 ng/ml



#29 AR-1254-4

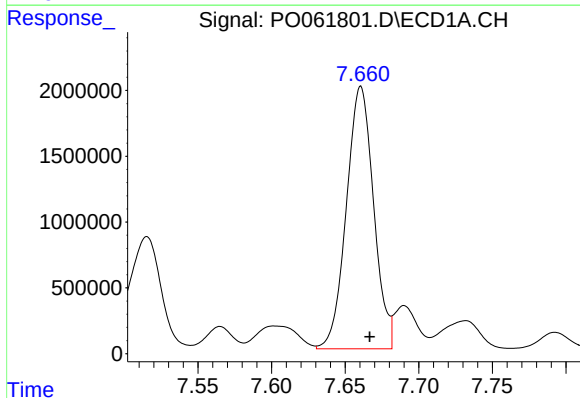
R.T.: 7.244 min
Delta R.T.: -0.006 min
Response: 23903534
Conc: 7892.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



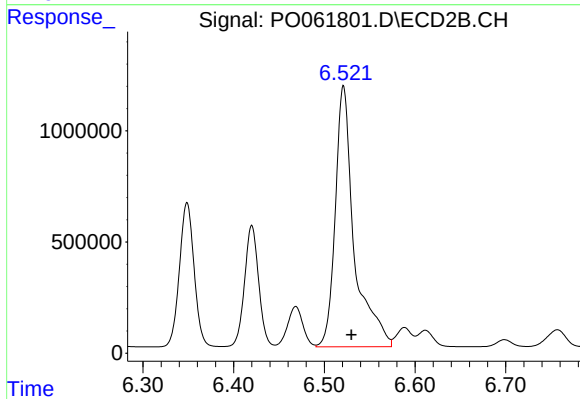
#29 AR-1254-4

R.T.: 6.112 min
Delta R.T.: -0.007 min
Response: 11900485
Conc: 5865.63 ng/ml



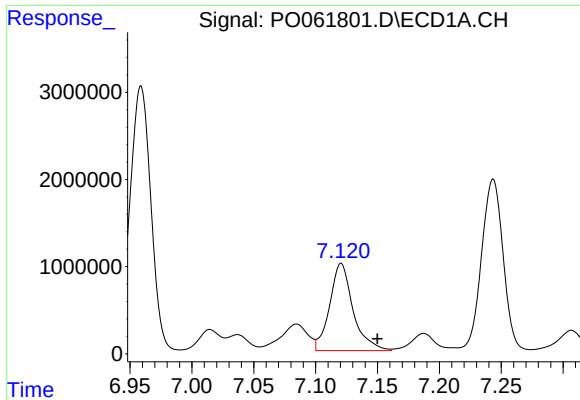
#30 AR-1254-5

R.T.: 7.661 min
Delta R.T.: -0.006 min
Response: 25659346
Conc: 8170.70 ng/ml



#30 AR-1254-5

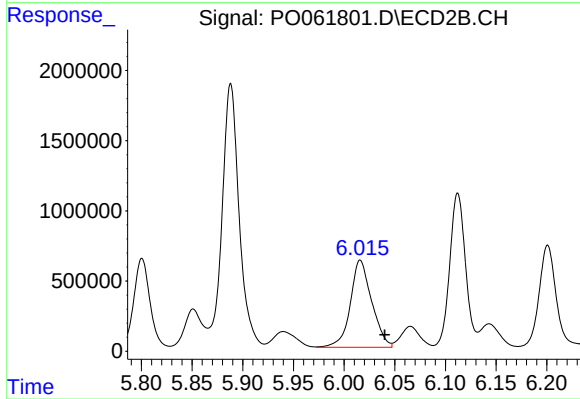
R.T.: 6.521 min
Delta R.T.: -0.009 min
Response: 17021968
Conc: 6018.09 ng/ml



#31 AR-1260-1

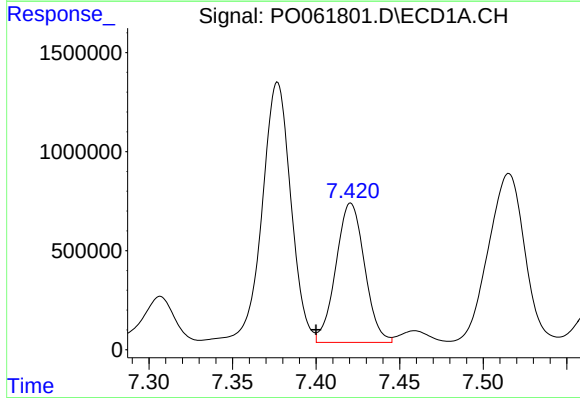
R.T.: 7.121 min
Delta R.T.: -0.029 min
Response: 13164746
Conc: 5042.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



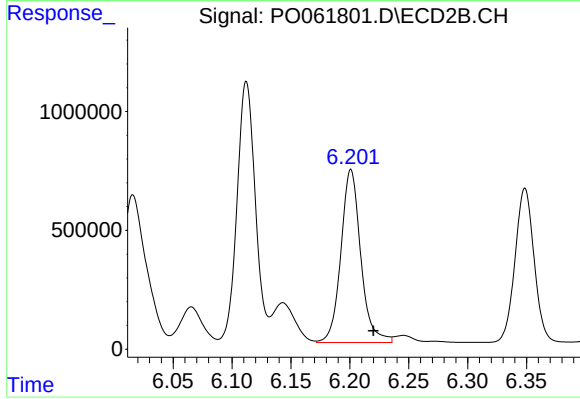
#31 AR-1260-1

R.T.: 6.016 min
Delta R.T.: -0.024 min
Response: 9119335
Conc: 4470.71 ng/ml



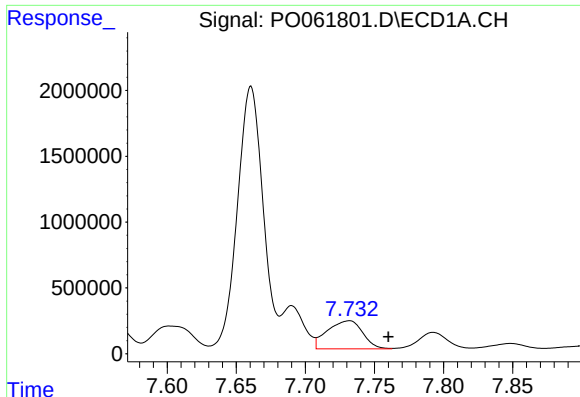
#32 AR-1260-2

R.T.: 7.421 min
Delta R.T.: 0.021 min
Response: 8406382
Conc: 2636.89 ng/ml



#32 AR-1260-2

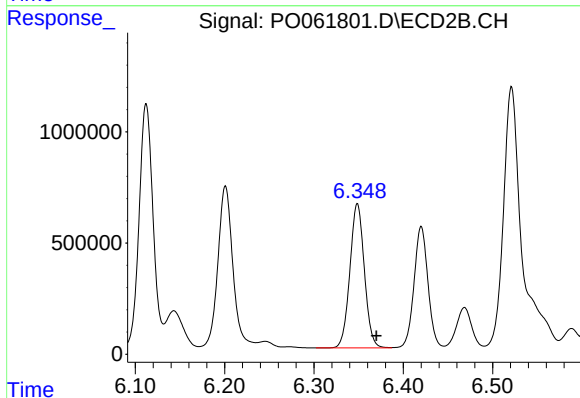
R.T.: 6.201 min
Delta R.T.: -0.019 min
Response: 8532635
Conc: 3552.69 ng/ml



#33 AR-1260-3

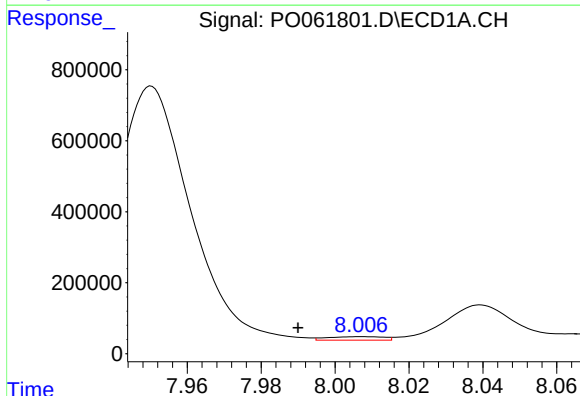
R.T.: 7.732 min
Delta R.T.: -0.028 min
Response: 3784366
Conc: 1575.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



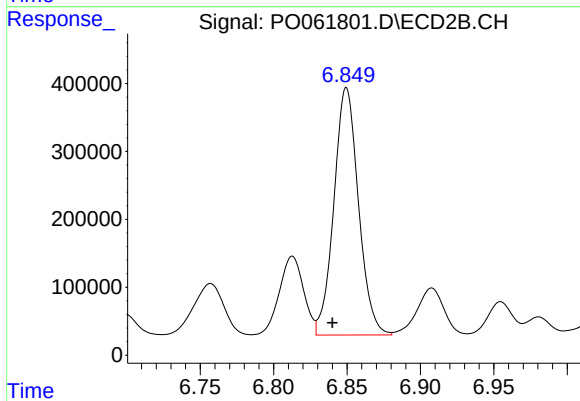
#33 AR-1260-3

R.T.: 6.349 min
Delta R.T.: -0.021 min
Response: 7294577
Conc: 3237.55 ng/ml



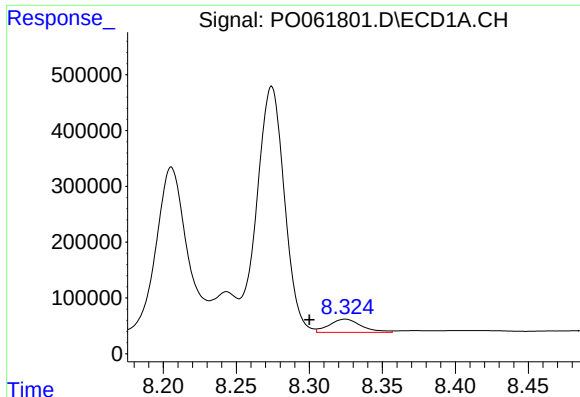
#34 AR-1260-4

R.T.: 8.007 min
Delta R.T.: 0.017 min
Response: 106824
Conc: 39.98 ng/ml



#34 AR-1260-4

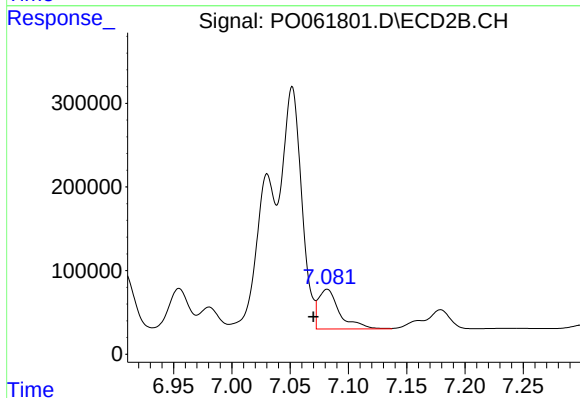
R.T.: 6.850 min
Delta R.T.: 0.010 min
Response: 4248125
Conc: 2301.00 ng/ml



#35 AR-1260-5

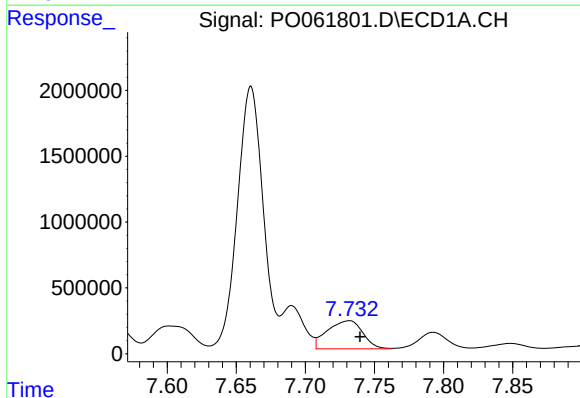
R.T.: 8.325 min
Delta R.T.: 0.025 min
Response: 362057
Conc: 73.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



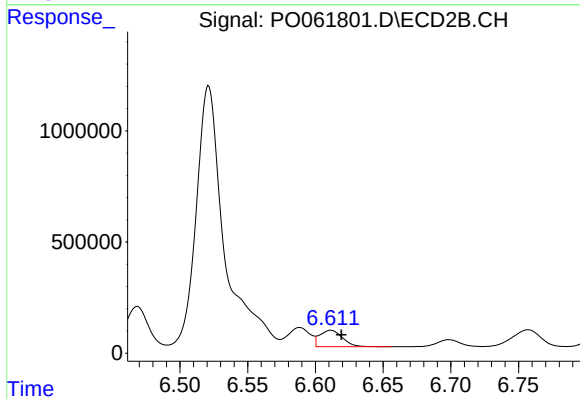
#35 AR-1260-5

R.T.: 7.082 min
Delta R.T.: 0.012 min
Response: 602134
Conc: 154.65 ng/ml



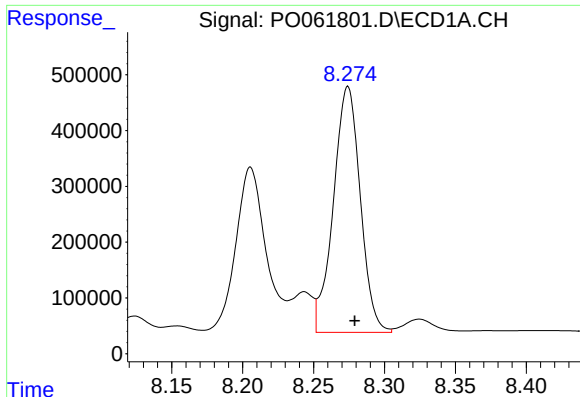
#36 AR-1262-1

R.T.: 7.732 min
Delta R.T.: -0.008 min
Response: 3784366
Conc: 987.70 ng/ml



#36 AR-1262-1

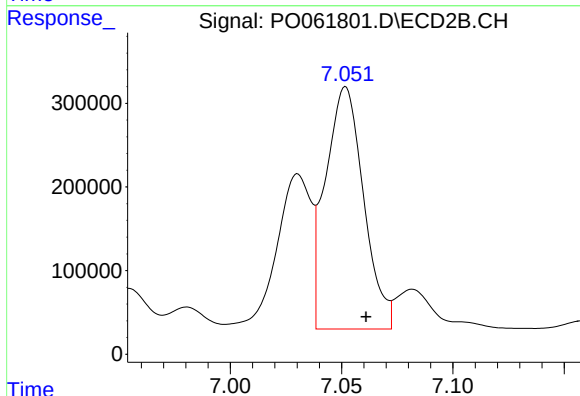
R.T.: 6.611 min
Delta R.T.: -0.008 min
Response: 864046
Conc: 707.87 ng/ml



#37 AR-1262-2

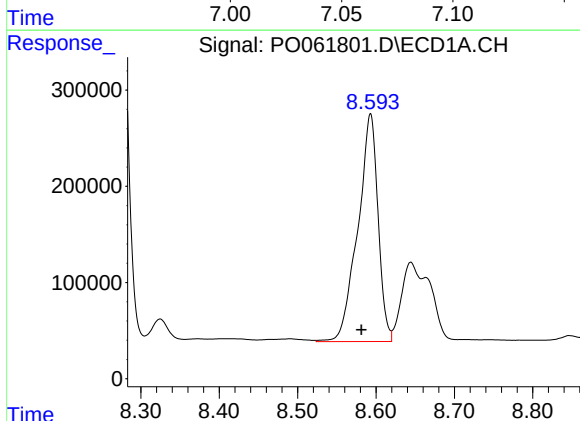
R.T.: 8.274 min
Delta R.T.: -0.005 min
Response: 5828551
Conc: 938.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



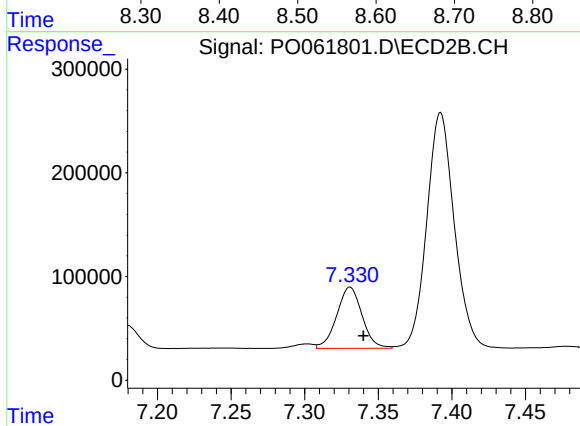
#37 AR-1262-2

R.T.: 7.052 min
Delta R.T.: -0.009 min
Response: 3450818
Conc: 750.50 ng/ml



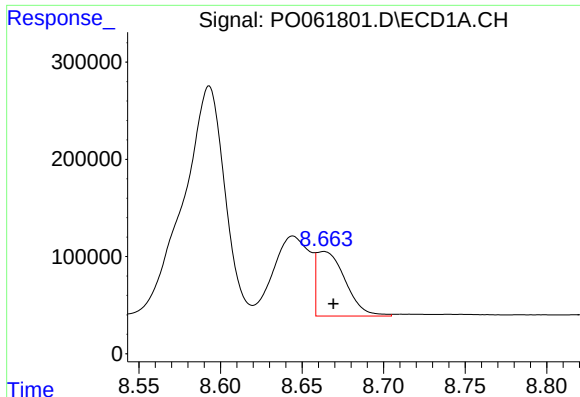
#38 AR-1262-3

R.T.: 8.593 min
Delta R.T.: 0.012 min
Response: 4234303
Conc: 1018.76 ng/ml



#38 AR-1262-3

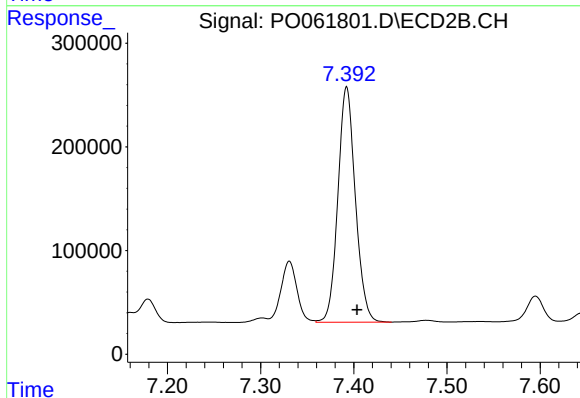
R.T.: 7.331 min
Delta R.T.: -0.009 min
Response: 707892
Conc: 375.77 ng/ml



#39 AR-1262-4

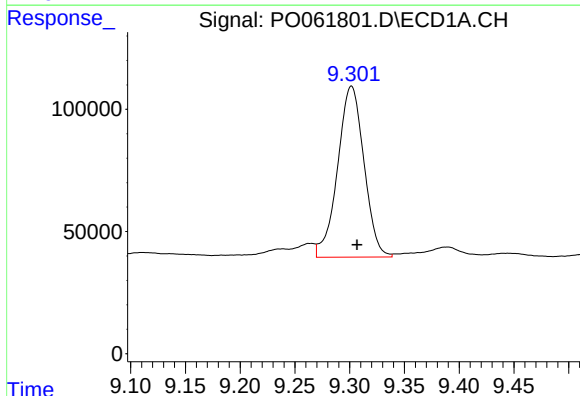
R.T.: 8.663 min
Delta R.T.: -0.006 min
Response: 814476
Conc: 258.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



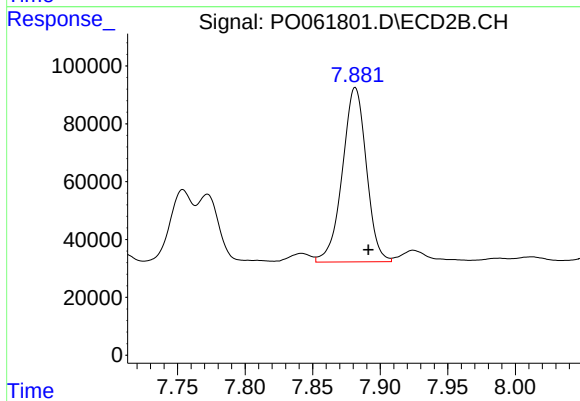
#39 AR-1262-4

R.T.: 7.392 min
Delta R.T.: -0.011 min
Response: 2957910
Conc: 880.14 ng/ml



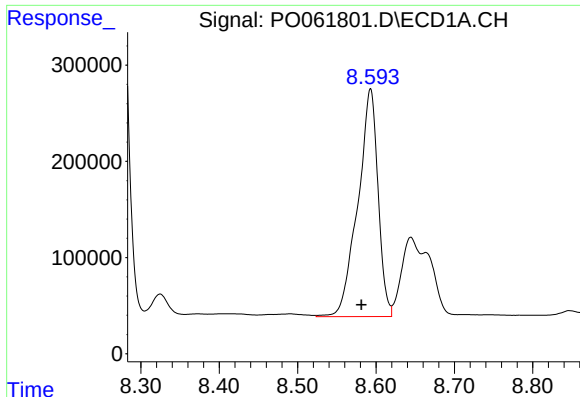
#40 AR-1262-5

R.T.: 9.302 min
Delta R.T.: -0.005 min
Response: 1172181
Conc: 576.40 ng/ml



#40 AR-1262-5

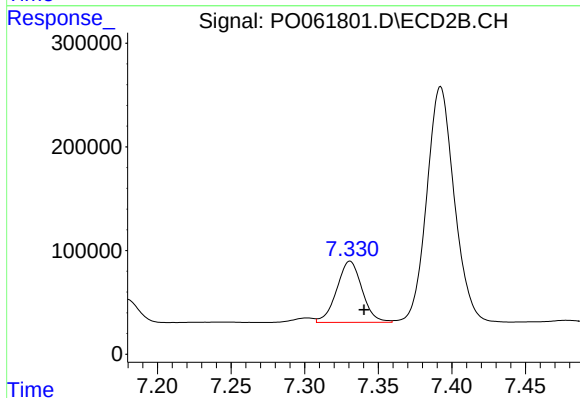
R.T.: 7.882 min
Delta R.T.: -0.010 min
Response: 745119
Conc: 491.51 ng/ml



#41 AR-1268-1

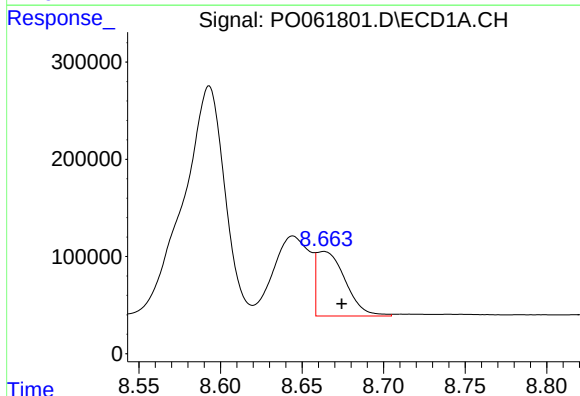
R.T.: 8.593 min
Delta R.T.: 0.012 min
Response: 4234303
Conc: 629.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



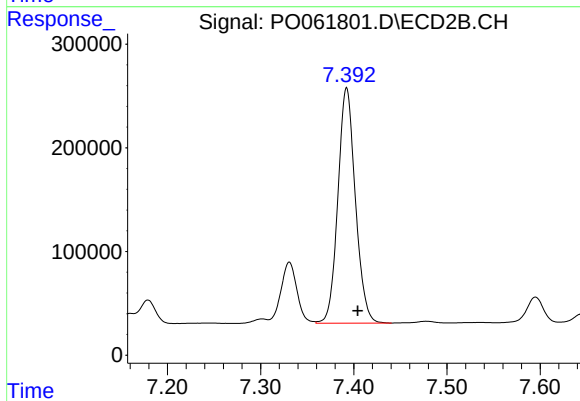
#41 AR-1268-1

R.T.: 7.331 min
Delta R.T.: -0.010 min
Response: 707892
Conc: 146.59 ng/ml



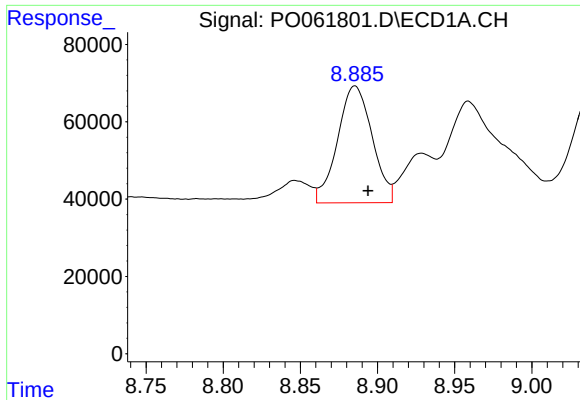
#42 AR-1268-2

R.T.: 8.663 min
Delta R.T.: -0.011 min
Response: 814476
Conc: 131.53 ng/ml



#42 AR-1268-2

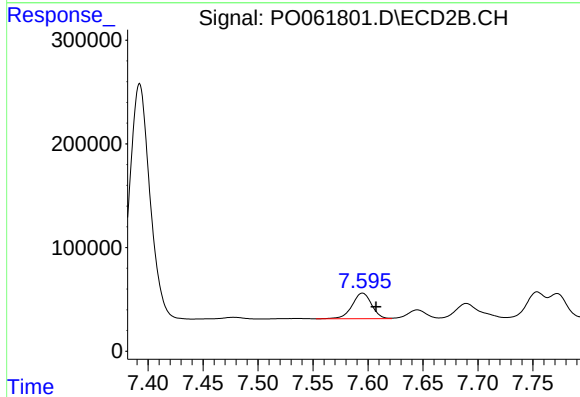
R.T.: 7.392 min
Delta R.T.: -0.012 min
Response: 2957910
Conc: 686.32 ng/ml



#43 AR-1268-3

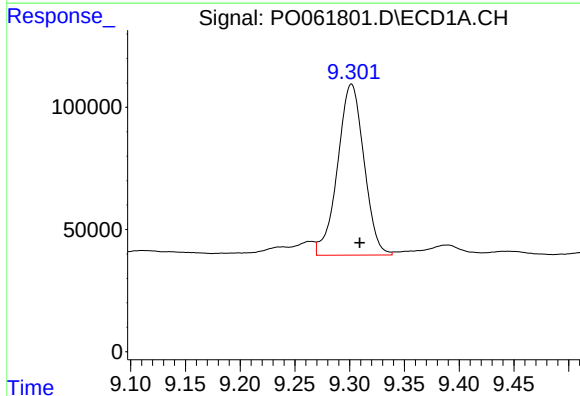
R.T.: 8.885 min
Delta R.T.: -0.009 min
Response: 472136
Conc: 92.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



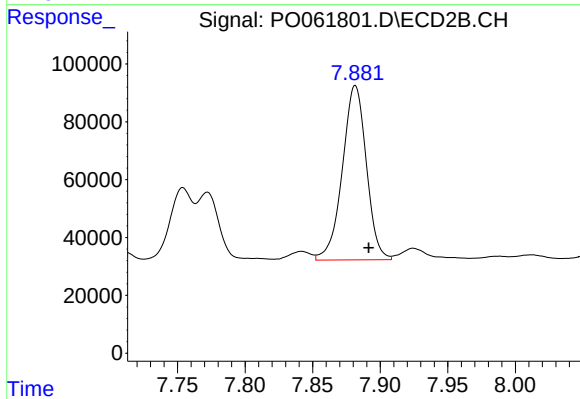
#43 AR-1268-3

R.T.: 7.595 min
Delta R.T.: -0.012 min
Response: 306179
Conc: 85.42 ng/ml



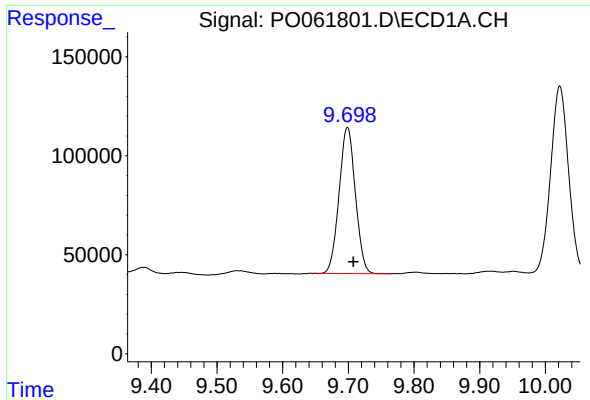
#44 AR-1268-4

R.T.: 9.302 min
Delta R.T.: -0.008 min
Response: 1172181
Conc: 536.08 ng/ml



#44 AR-1268-4

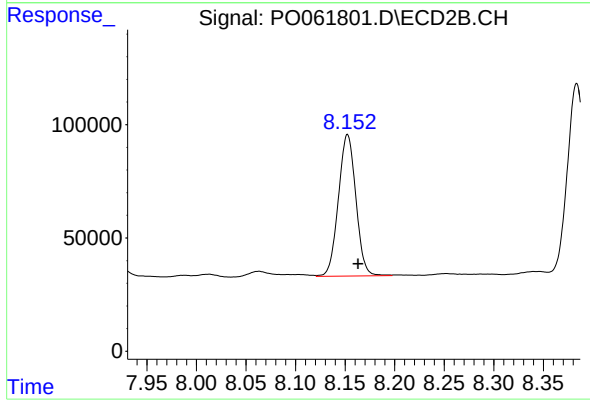
R.T.: 7.882 min
Delta R.T.: -0.010 min
Response: 745119
Conc: 462.98 ng/ml



#45 AR-1268-5

R.T.: 9.699 min
Delta R.T.: -0.009 min
Response: 1272714
Conc: 84.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.152 min
Delta R.T.: -0.011 min
Response: 766972
Conc: 76.27 ng/ml