

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100418\
 Data File : PO049643.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Oct 2018 1:30
 Operator : SM/SJ
 Sample : J5218-01MSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 02:33:08 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 02 05:32:25 2018
 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...	4.388	3.518	5408465	4449453	15.316	13.082
2)	SA Decachlor...	10.099	8.444	5817357	3599323	12.277	11.781
Target Compounds							
3)	L1 AR-1016-1	5.561	4.586	2526464	1566134	176.826	116.739 #
4)	L1 AR-1016-2	5.584	4.604	3117493	2277054	155.556	125.547
5)	L1 AR-1016-3	5.645	4.776	2504802	934327	201.478	86.514 #
6)	L1 AR-1016-4	0.000	4.817	0	794066	N.D.	100.464 #
7)	L1 AR-1016-5	0.000	5.027	0	1230502	N.D.	113.842 #
8)	L2 AR-1221-1	0.000	3.728	0	145163	N.D.	40.454 #
9)	L2 AR-1221-2	0.000	3.813	0	299198	N.D.	111.942 #
10)	L2 AR-1221-3	0.000	3.887	0	879000	N.D.	106.603 #
11)	L3 AR-1232-1	0.000	3.887	0	879000	N.D.	140.338 #
12)	L3 AR-1232-2	5.293	4.604	1147456	2277054	331.850	309.526
13)	L3 AR-1232-3	5.584	4.776	3117493	934327	399.860	225.829 #
14)	L3 AR-1232-4	0.000	4.858	0	1131280	N.D.	328.408 #
15)	L3 AR-1232-5	5.834	5.027	1396244	1230502	534.456	307.504 #
16)	L4 AR-1242-1	5.561	4.586	2526464	1566134	240.832	153.161 #
17)	L4 AR-1242-2	5.584	4.604	3117493	2277054	213.080	162.821
18)	L4 AR-1242-3	5.645	4.776	2504802	934327	282.553	118.126 #
19)	L4 AR-1242-4	0.000	4.858	0	1131280	N.D.	154.623 #
20)	L4 AR-1242-5	0.000	5.375	0	644218	N.D.	66.591 #
21)	L5 AR-1248-1	5.561	4.586	2526464	1566134	296.439	189.452 #
22)	L5 AR-1248-2	5.834	4.817	1396244	794066	127.781	76.190 #
23)	L5 AR-1248-3	0.000	4.858	0	1131280	N.D.	105.172 #
24)	L5 AR-1248-4	0.000	5.027	0	1230502	N.D.	91.473 #
25)	L5 AR-1248-5	0.000	5.401	0	312913	N.D.	22.295 #
26)	L6 AR-1254-1	0.000	5.375	0	644218	N.D.	27.823 #
27)	L6 AR-1254-2	0.000	5.522	0	656641	N.D.	33.244 #
28)	L6 AR-1254-3	0.000	5.936	0	1136985	N.D.	34.702 #
29)	L6 AR-1254-4	0.000	6.150	0	156834	N.D.	6.887 #
30)	L6 AR-1254-5	7.706	6.562	3480586	2471912	142.270	82.357 #
31)	L7 AR-1260-1	7.164	6.050	1872686	1540756	88.539	75.057
32)	L7 AR-1260-2	7.422	6.238	2531483	2254085	94.085	84.668
33)	L7 AR-1260-3	7.780	6.389	1915227	1883209	96.939	79.456
34)	L7 AR-1260-4	8.007	6.857	2101037	1459138	106.822	80.887
35)	L7 AR-1260-5	8.325	7.098	4962849	3925730	110.557	84.018
36)	L8 AR-1262-1	7.780	6.601	1915227	1667511	66.470	57.735
37)	L8 AR-1262-2	8.325	7.098	4962849	3925730	100.777	78.711
38)	L8 AR-1262-3	8.646	7.378	2833334	1054176	84.681	53.272 #
39)	L8 AR-1262-4	0.000	7.441	0	2846801	N.D.	80.795 #
40)	L8 AR-1262-5	0.000	7.930	0	1221136	N.D.	77.088 #
41)	L9 AR-1268-1	8.646	7.378	2833334	1054176	40.844	16.607 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100418\
Data File : PO049643.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Oct 2018 1:30
Operator : SM/SJ
Sample : J5218-01MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 02:33:08 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100118.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 02 05:32:25 2018
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	0.000	7.441	0	2846801	N.D.	49.386 #
44) L9	AR-1268-4	0.000	7.930	0	1221136	N.D.	61.339 #
45) L9	AR-1268-5	0.000	8.205	0	321761	N.D.	2.539 #

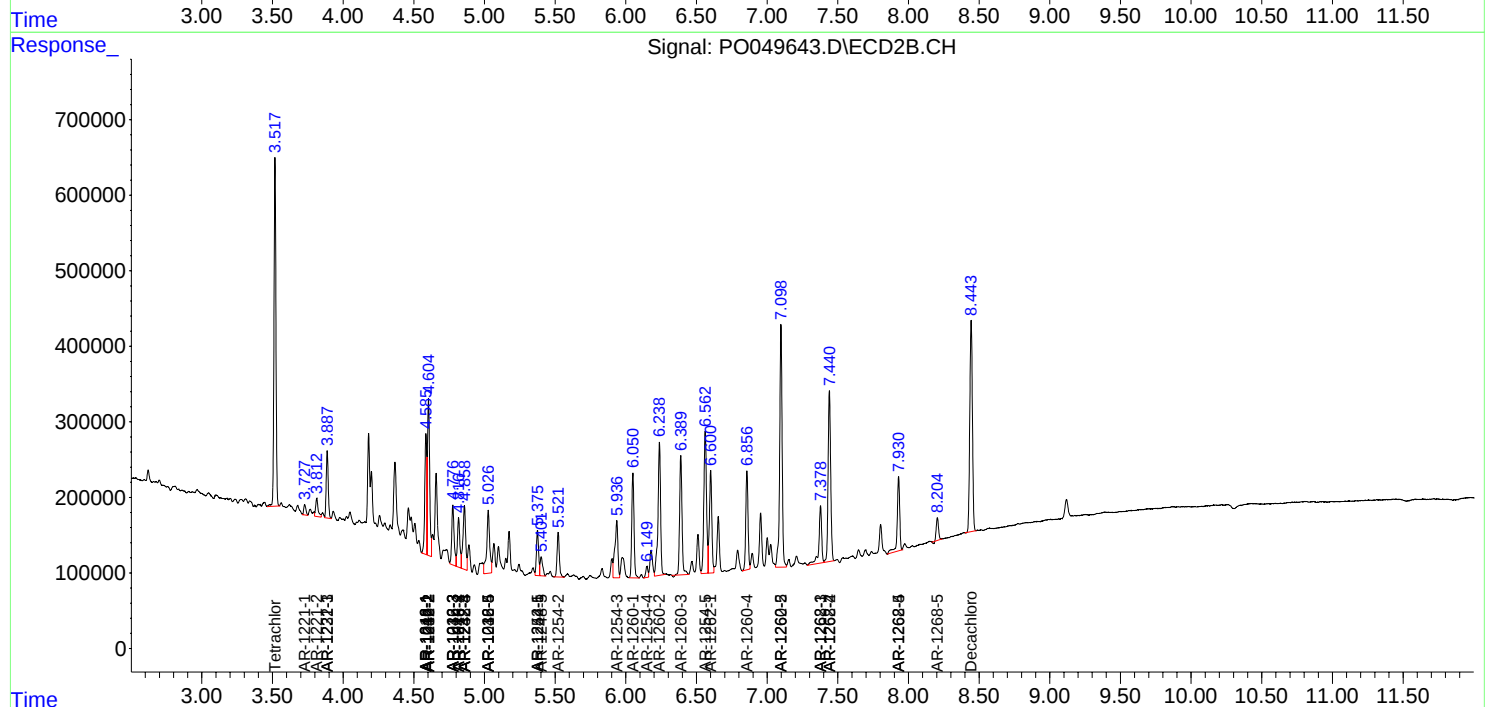
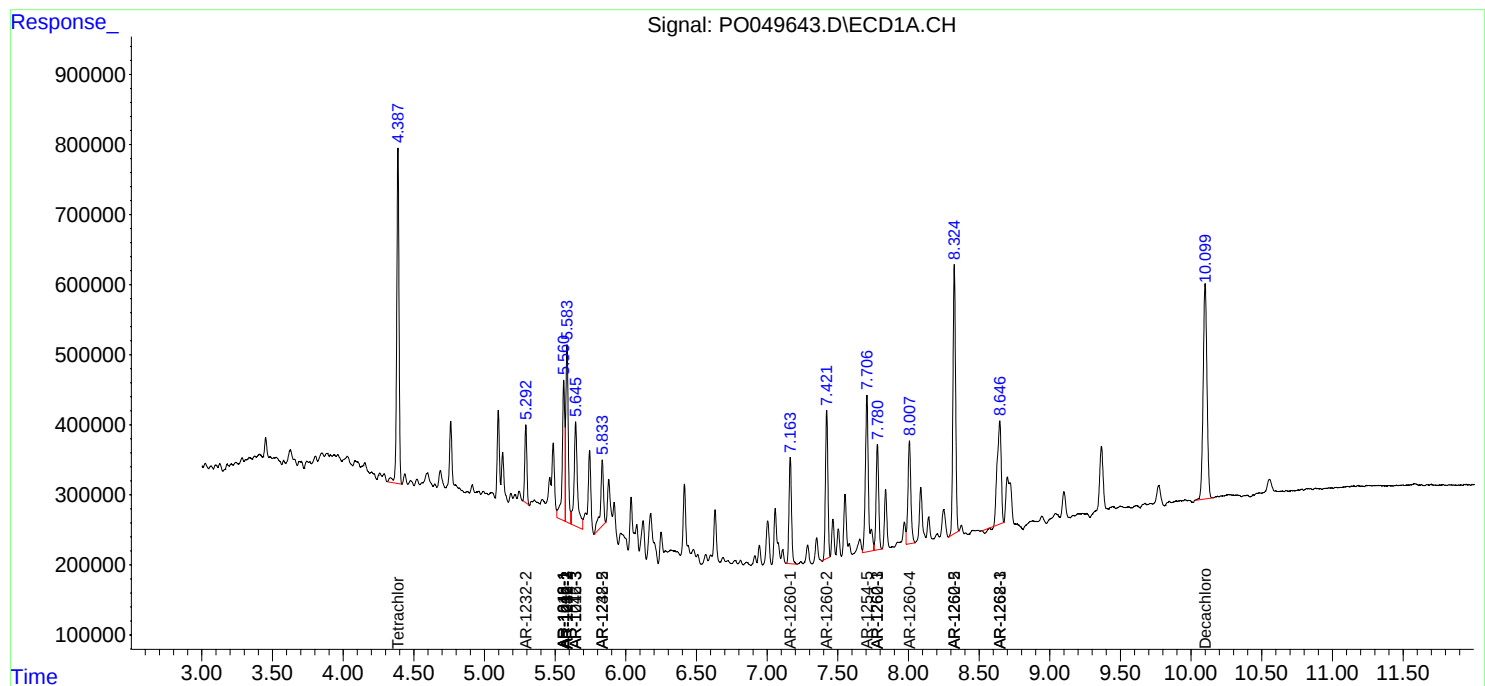
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

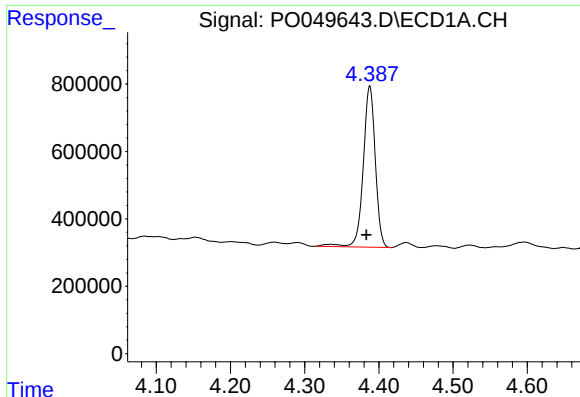
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100418\
Data File : P0049643.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Oct 2018 1:30
Operator : SM/SJ
Sample : J5218-01MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 05 02:33:08 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100118.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 02 05:32:25 2018
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

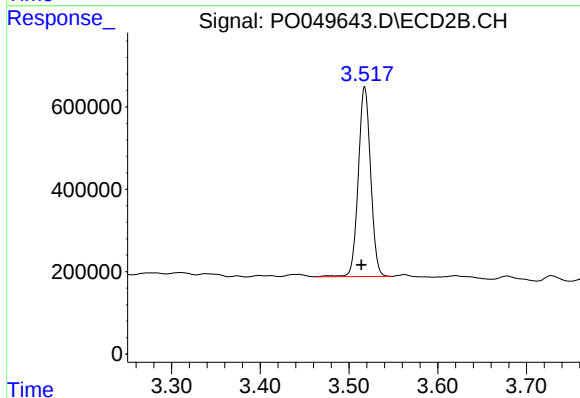




#1 Tetrachloro-m-xylene

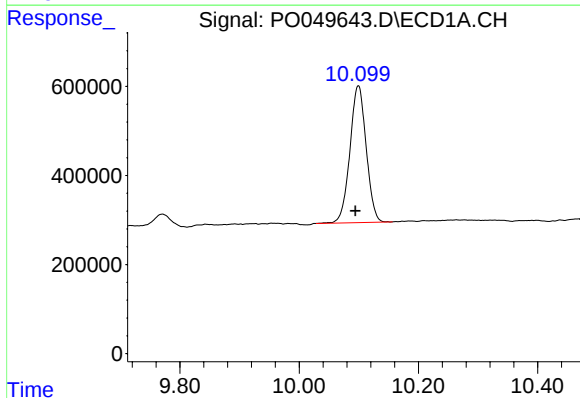
R.T.: 4.388 min
Delta R.T.: 0.005 min
Response: 5408465
Conc: 15.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



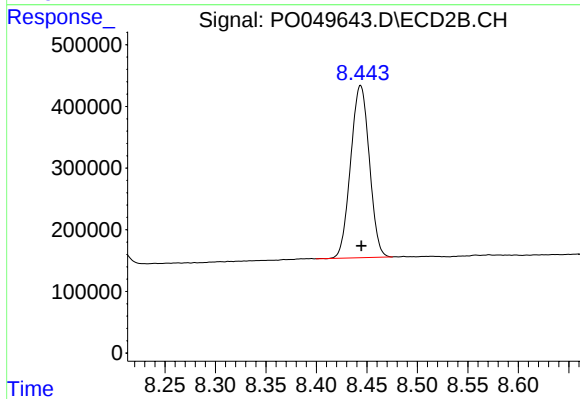
#1 Tetrachloro-m-xylene

R.T.: 3.518 min
Delta R.T.: 0.004 min
Response: 4449453
Conc: 13.08 ng/ml



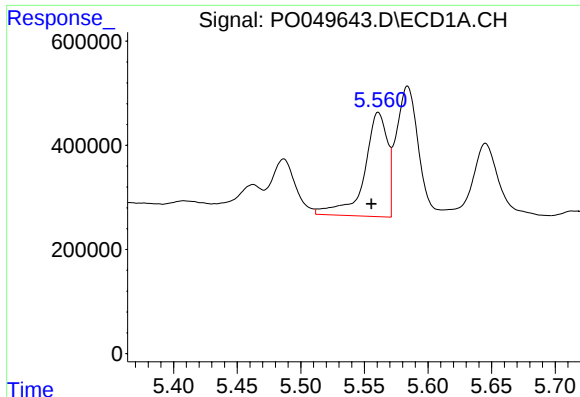
#2 Decachlorobiphenyl

R.T.: 10.099 min
Delta R.T.: 0.005 min
Response: 5817357
Conc: 12.28 ng/ml



#2 Decachlorobiphenyl

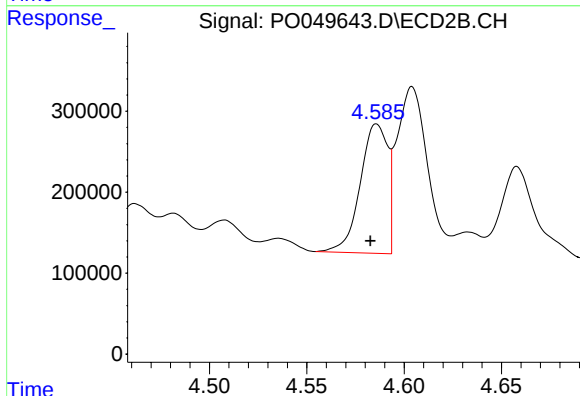
R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 3599323
Conc: 11.78 ng/ml



#3 AR-1016-1

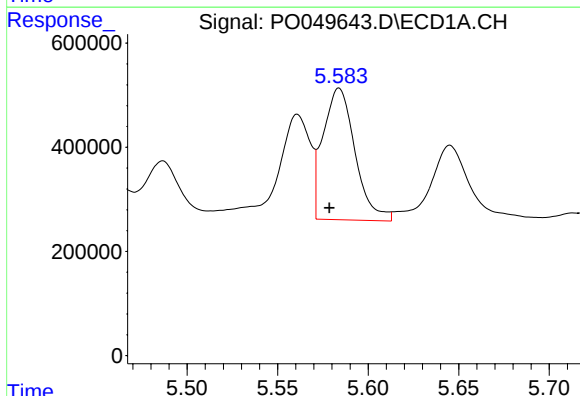
R.T.: 5.561 min
Delta R.T.: 0.006 min
Response: 2526464
Conc: 176.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



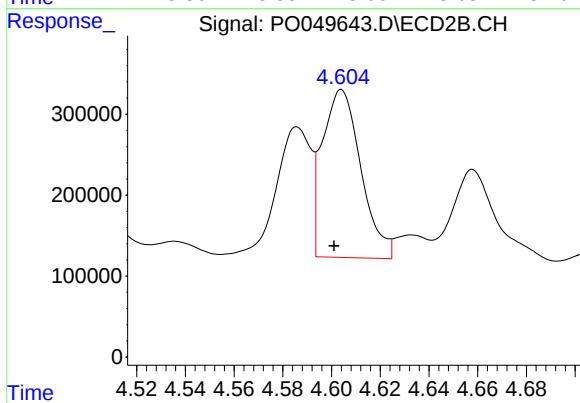
#3 AR-1016-1

R.T.: 4.586 min
Delta R.T.: 0.003 min
Response: 1566134
Conc: 116.74 ng/ml



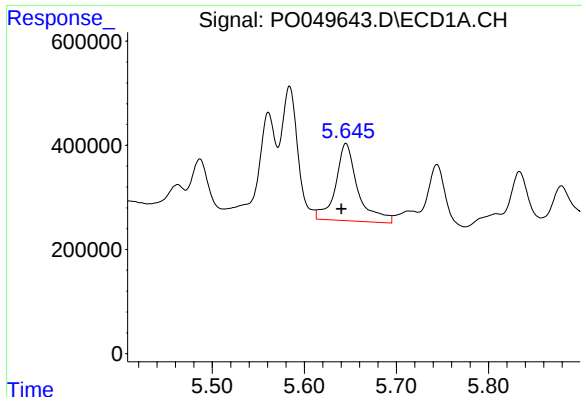
#4 AR-1016-2

R.T.: 5.584 min
Delta R.T.: 0.005 min
Response: 3117493
Conc: 155.56 ng/ml



#4 AR-1016-2

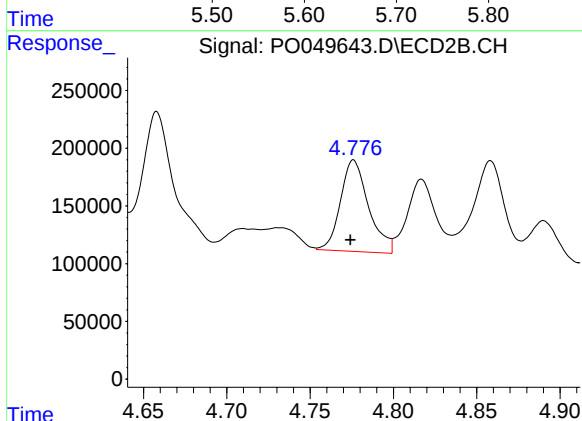
R.T.: 4.604 min
Delta R.T.: 0.003 min
Response: 2277054
Conc: 125.55 ng/ml



#5 AR-1016-3

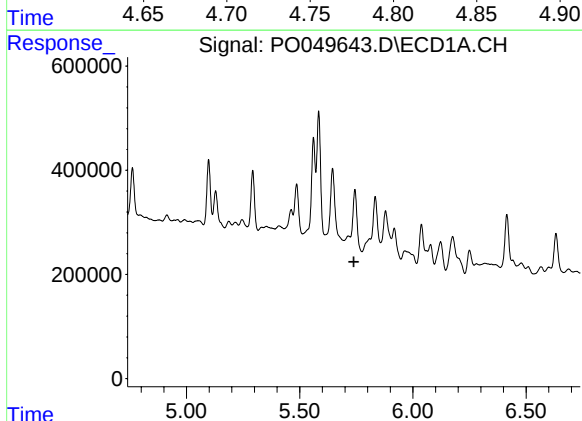
R.T.: 5.645 min
Delta R.T.: 0.005 min
Response: 2504802
Conc: 201.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



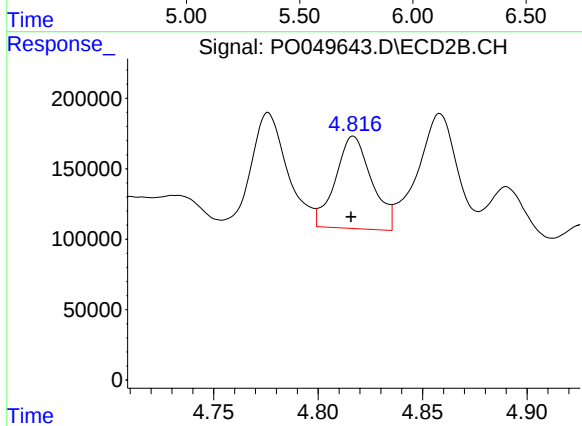
#5 AR-1016-3

R.T.: 4.776 min
Delta R.T.: 0.002 min
Response: 934327
Conc: 86.51 ng/ml



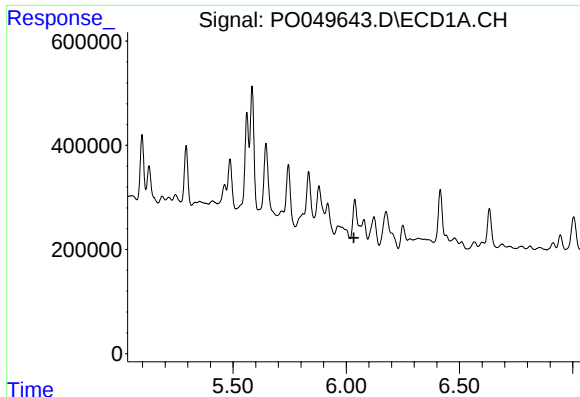
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.739 min
Response: 0
Conc: N.D.



#6 AR-1016-4

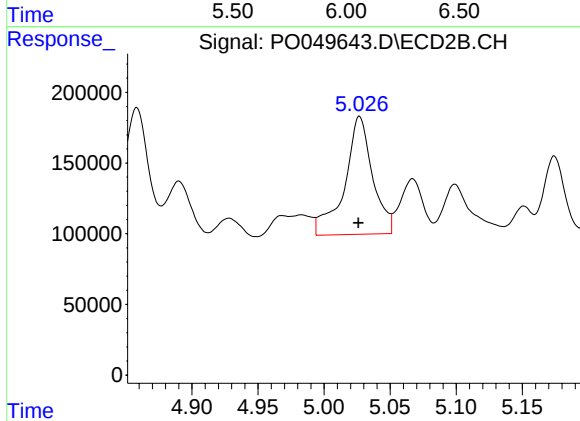
R.T.: 4.817 min
Delta R.T.: 0.001 min
Response: 794066
Conc: 100.46 ng/ml



#7 AR-1016-5

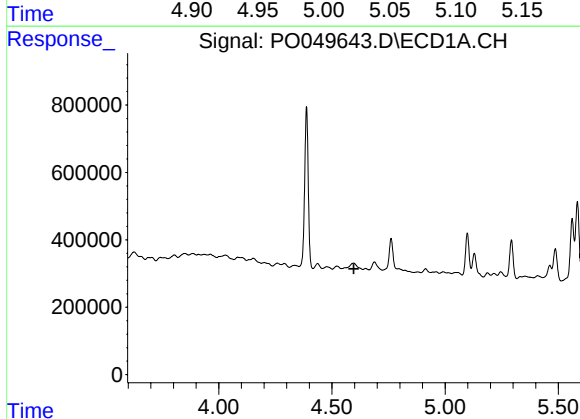
R.T.: 0.000 min
Exp R.T.: 6.033 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



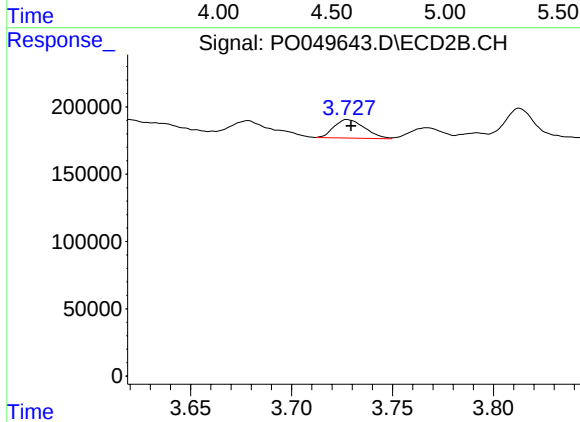
#7 AR-1016-5

R.T.: 5.027 min
Delta R.T.: 0.001 min
Response: 1230502
Conc: 113.84 ng/ml



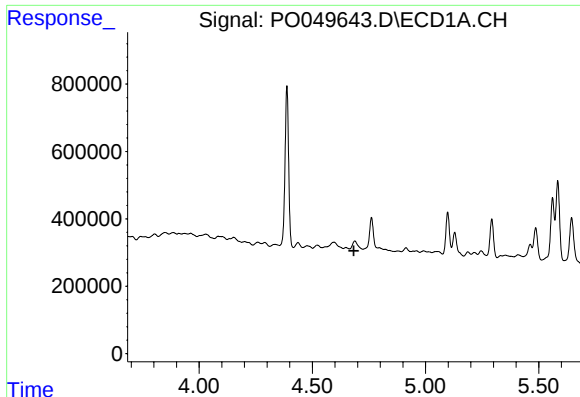
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.597 min
Response: 0
Conc: N.D.



#8 AR-1221-1

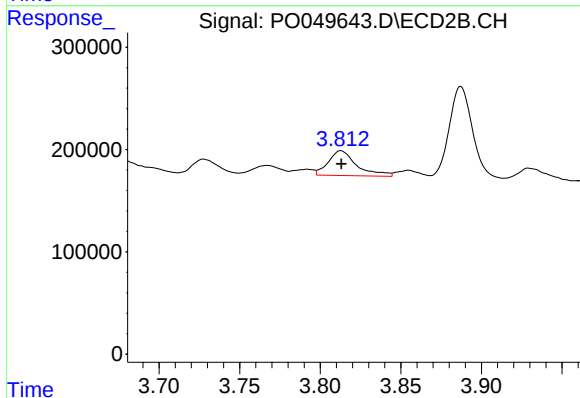
R.T.: 3.728 min
Delta R.T.: -0.002 min
Response: 145163
Conc: 40.45 ng/ml



#9 AR-1221-2

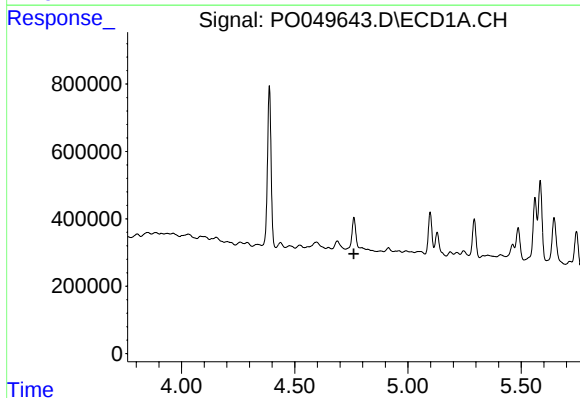
R.T.: 0.000 min
Exp R.T.: 4.684 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



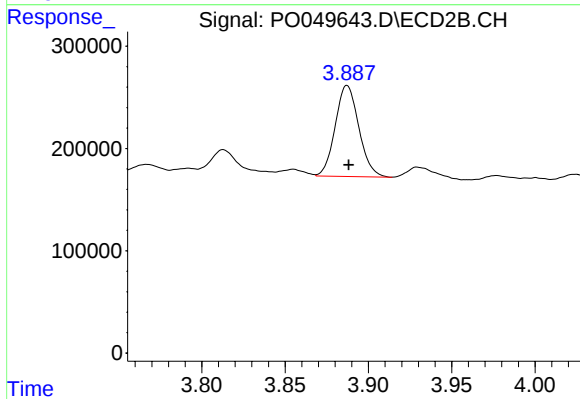
#9 AR-1221-2

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 299198
Conc: 111.94 ng/ml



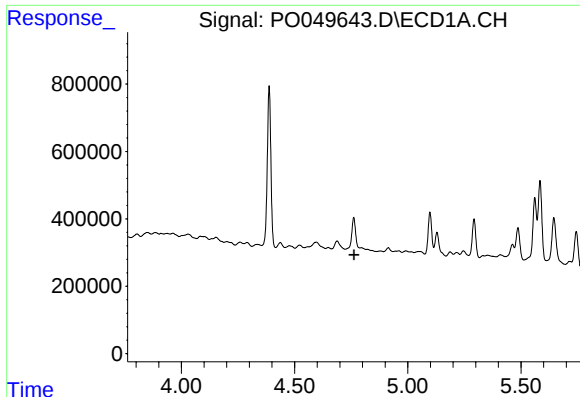
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.761 min
Response: 0
Conc: N.D.



#10 AR-1221-3

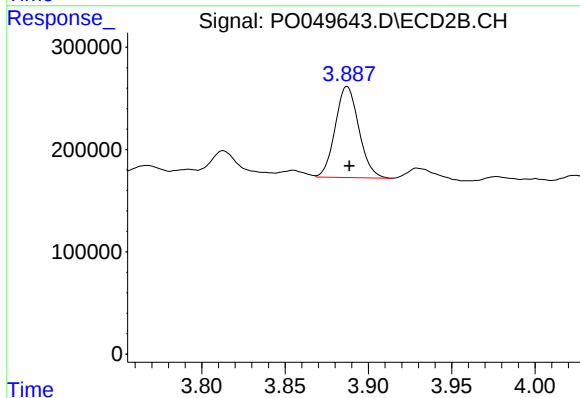
R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 879000
Conc: 106.60 ng/ml



#11 AR-1232-1

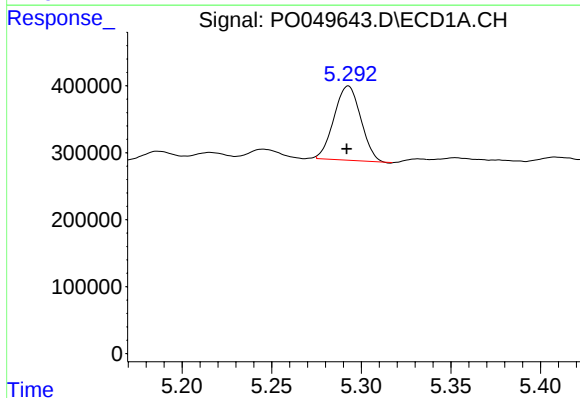
R.T.: 0.000 min
Exp R.T.: 4.762 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



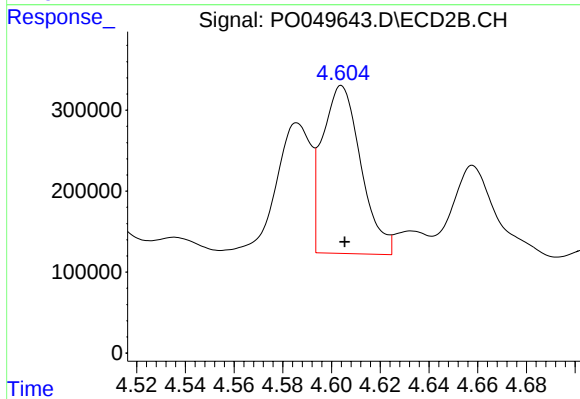
#11 AR-1232-1

R.T.: 3.887 min
Delta R.T.: -0.001 min
Response: 879000
Conc: 140.34 ng/ml



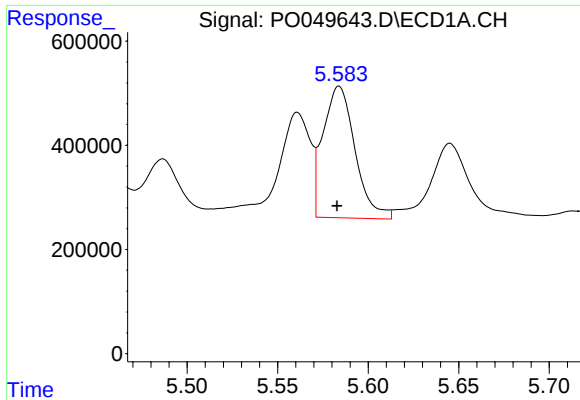
#12 AR-1232-2

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 1147456
Conc: 331.85 ng/ml



#12 AR-1232-2

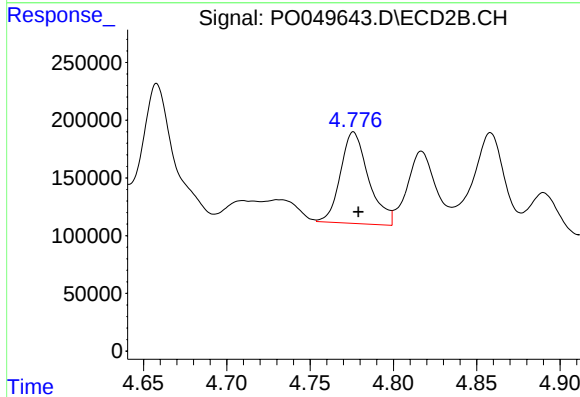
R.T.: 4.604 min
Delta R.T.: -0.001 min
Response: 2277054
Conc: 309.53 ng/ml



#13 AR-1232-3

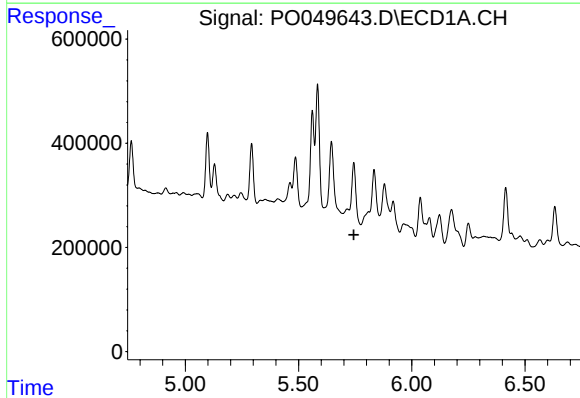
R.T.: 5.584 min
Delta R.T.: 0.001 min
Response: 3117493
Conc: 399.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



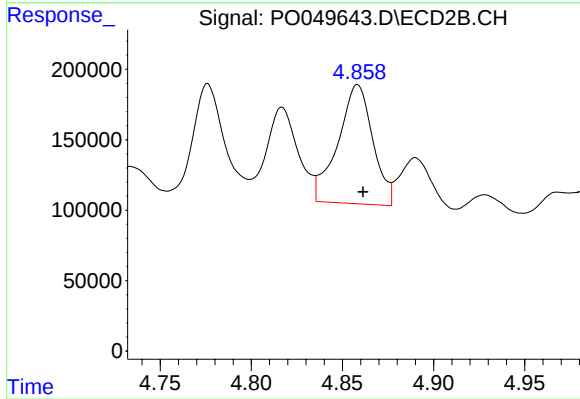
#13 AR-1232-3

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 934327
Conc: 225.83 ng/ml



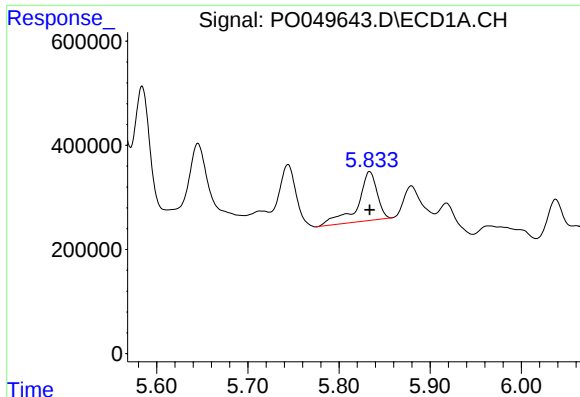
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.744 min
Response: 0
Conc: N.D.



#14 AR-1232-4

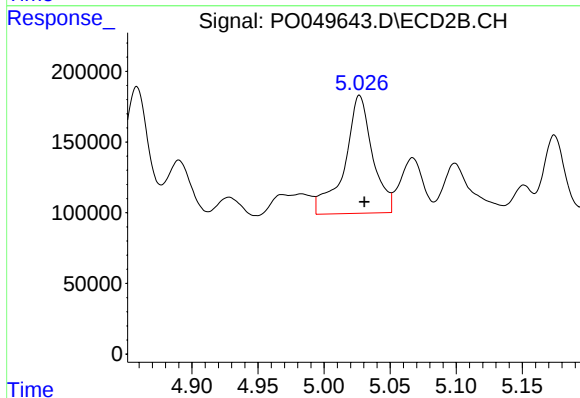
R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 1131280
Conc: 328.41 ng/ml



#15 AR-1232-5

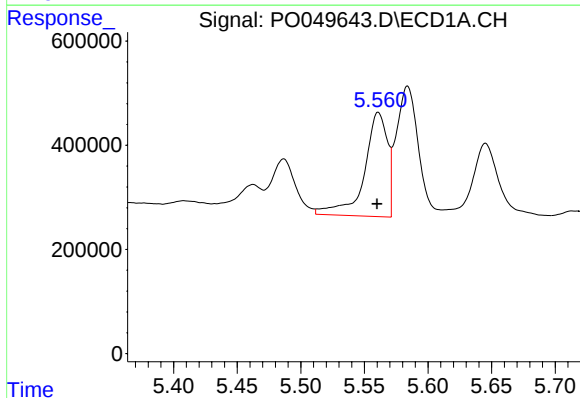
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 1396244
Conc: 534.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



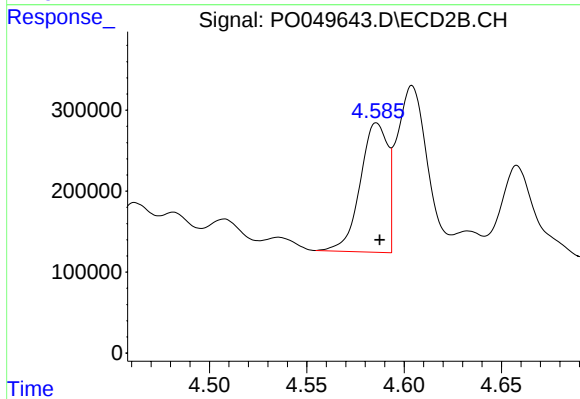
#15 AR-1232-5

R.T.: 5.027 min
Delta R.T.: -0.004 min
Response: 1230502
Conc: 307.50 ng/ml



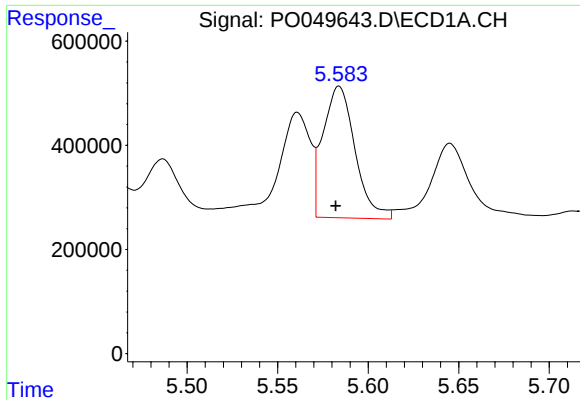
#16 AR-1242-1

R.T.: 5.561 min
Delta R.T.: 0.002 min
Response: 2526464
Conc: 240.83 ng/ml



#16 AR-1242-1

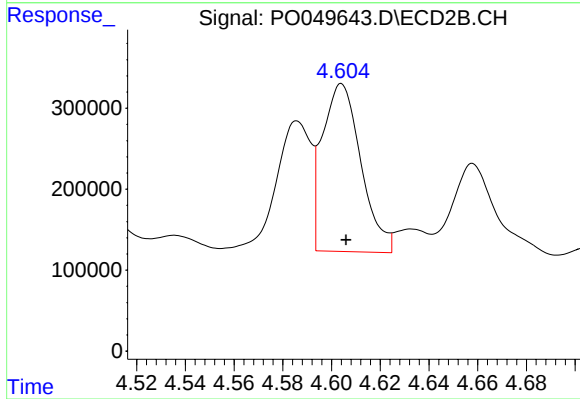
R.T.: 4.586 min
Delta R.T.: -0.001 min
Response: 1566134
Conc: 153.16 ng/ml



#17 AR-1242-2

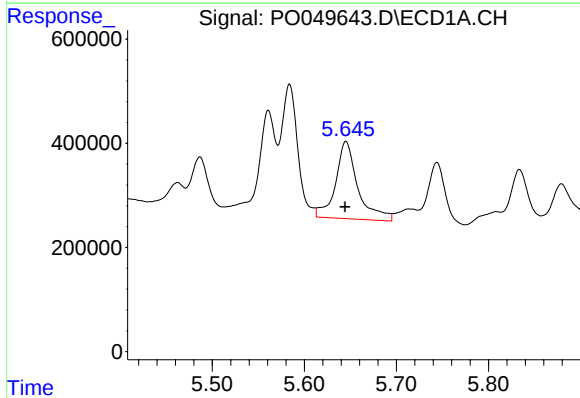
R.T.: 5.584 min
Delta R.T.: 0.002 min
Response: 3117493
Conc: 213.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



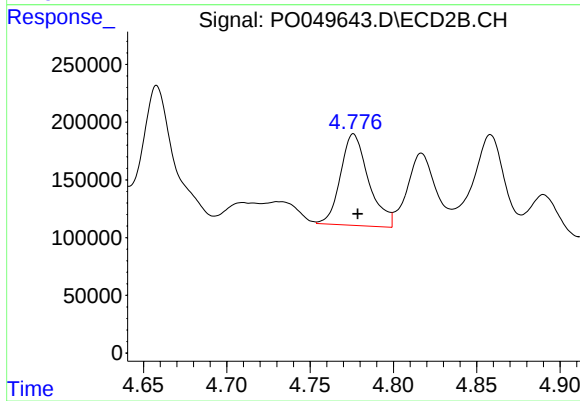
#17 AR-1242-2

R.T.: 4.604 min
Delta R.T.: -0.002 min
Response: 2277054
Conc: 162.82 ng/ml



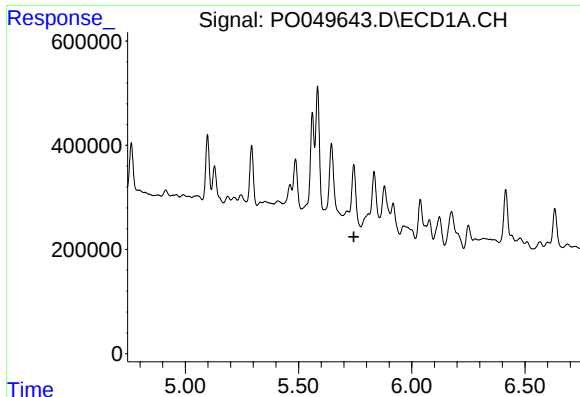
#18 AR-1242-3

R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 2504802
Conc: 282.55 ng/ml



#18 AR-1242-3

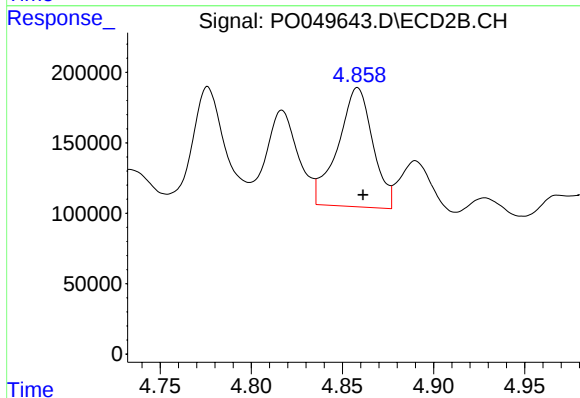
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 934327
Conc: 118.13 ng/ml



#19 AR-1242-4

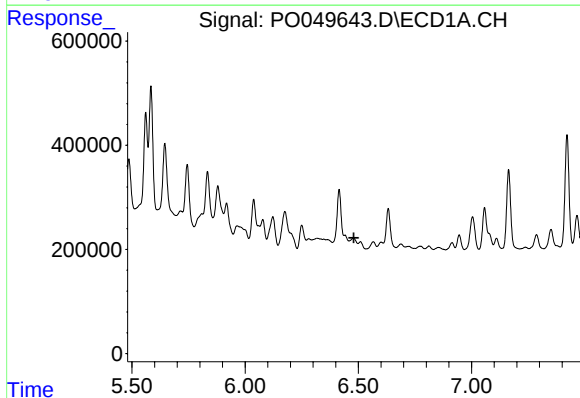
R.T.: 0.000 min
Exp R.T.: 5.744 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



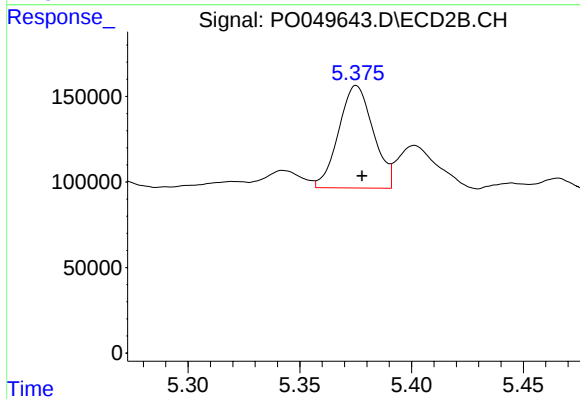
#19 AR-1242-4

R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 1131280
Conc: 154.62 ng/ml



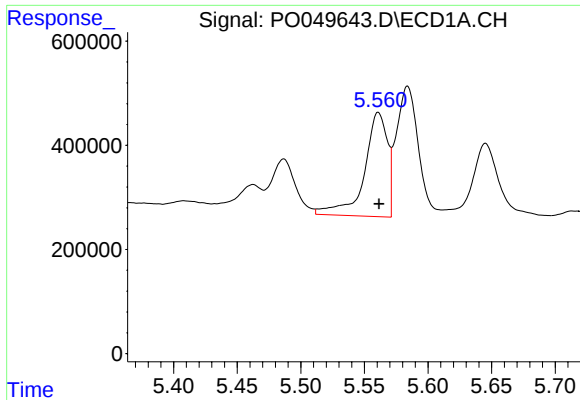
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.480 min
Response: 0
Conc: N.D.



#20 AR-1242-5

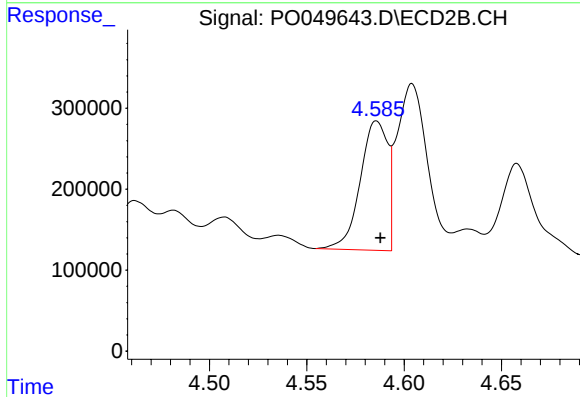
R.T.: 5.375 min
Delta R.T.: -0.003 min
Response: 644218
Conc: 66.59 ng/ml



#21 AR-1248-1

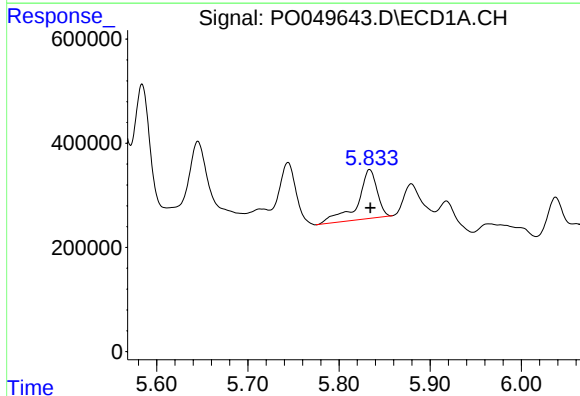
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 2526464
Conc: 296.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



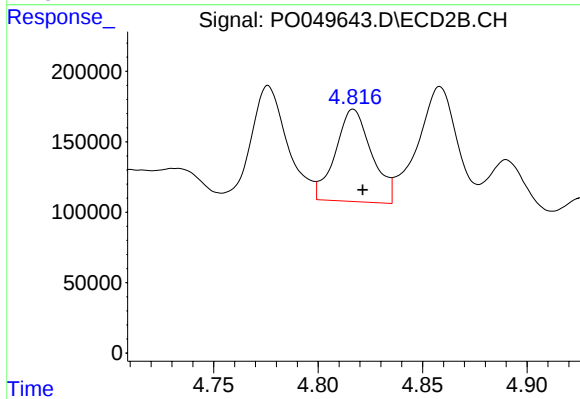
#21 AR-1248-1

R.T.: 4.586 min
Delta R.T.: -0.002 min
Response: 1566134
Conc: 189.45 ng/ml



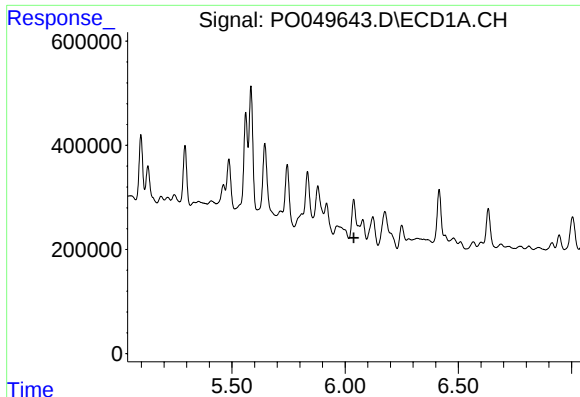
#22 AR-1248-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 1396244
Conc: 127.78 ng/ml



#22 AR-1248-2

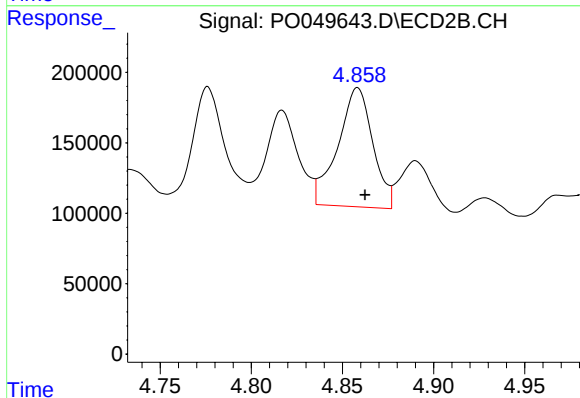
R.T.: 4.817 min
Delta R.T.: -0.004 min
Response: 794066
Conc: 76.19 ng/ml



#23 AR-1248-3

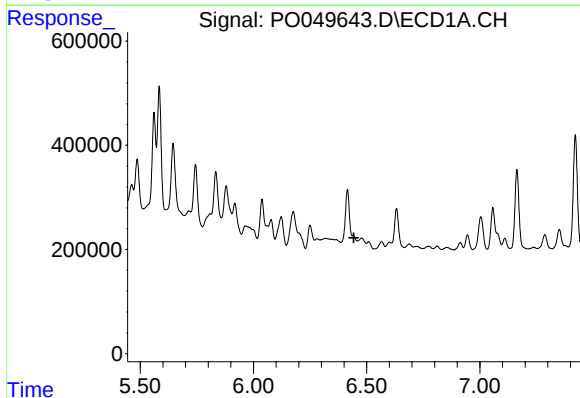
R.T.: 0.000 min
Exp R.T.: 6.039 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



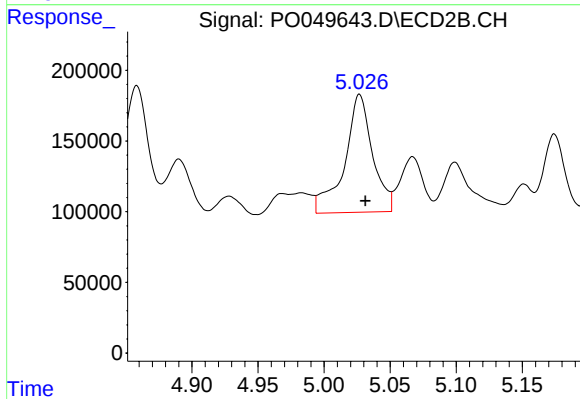
#23 AR-1248-3

R.T.: 4.858 min
Delta R.T.: -0.004 min
Response: 1131280
Conc: 105.17 ng/ml



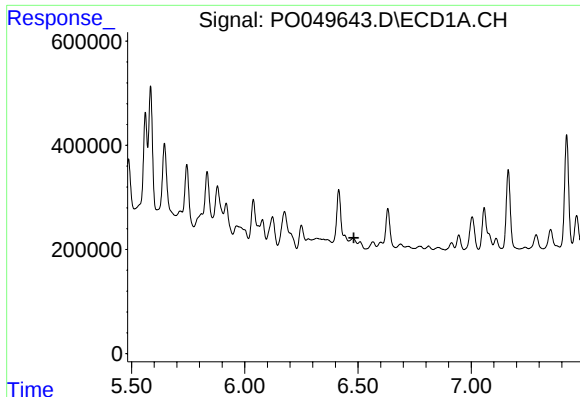
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.443 min
Response: 0
Conc: N.D.



#24 AR-1248-4

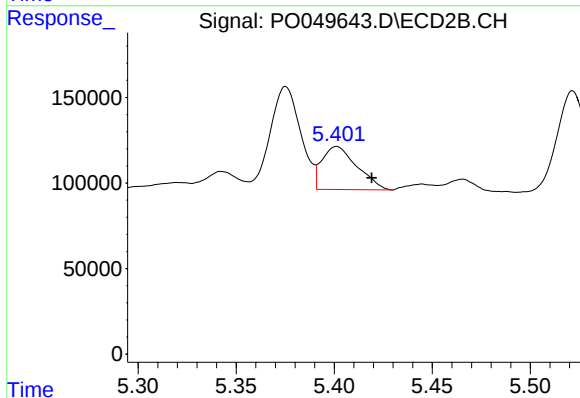
R.T.: 5.027 min
Delta R.T.: -0.004 min
Response: 1230502
Conc: 91.47 ng/ml



#25 AR-1248-5

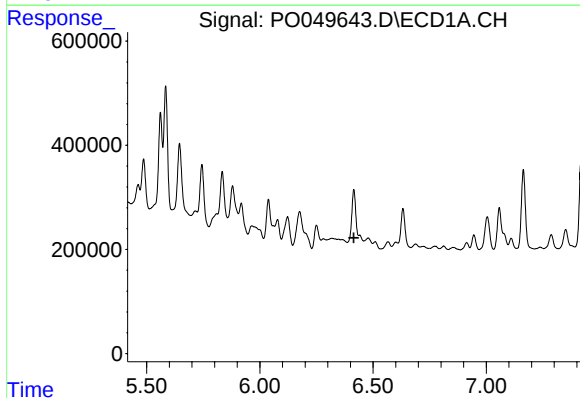
R.T.: 0.000 min
Exp R.T.: 6.482 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



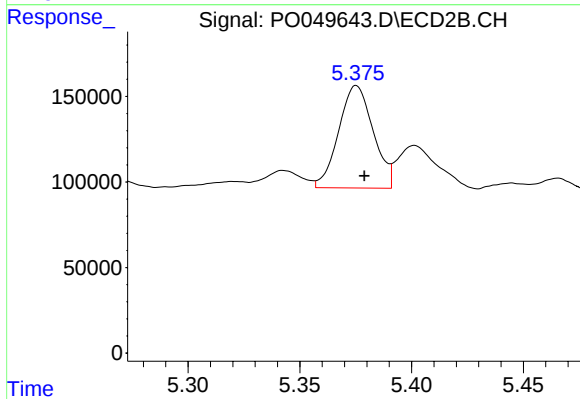
#25 AR-1248-5

R.T.: 5.401 min
Delta R.T.: -0.018 min
Response: 312913
Conc: 22.30 ng/ml



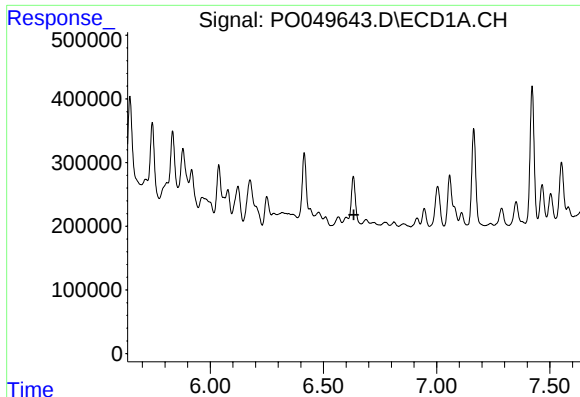
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.415 min
Response: 0
Conc: N.D.



#26 AR-1254-1

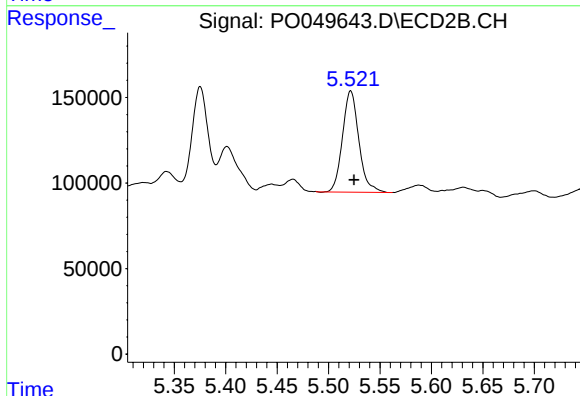
R.T.: 5.375 min
Delta R.T.: -0.003 min
Response: 644218
Conc: 27.82 ng/ml



#27 AR-1254-2

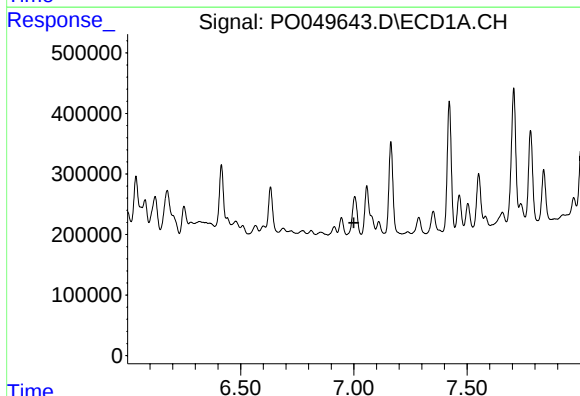
R.T.: 0.000 min
Exp R.T.: 6.634 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



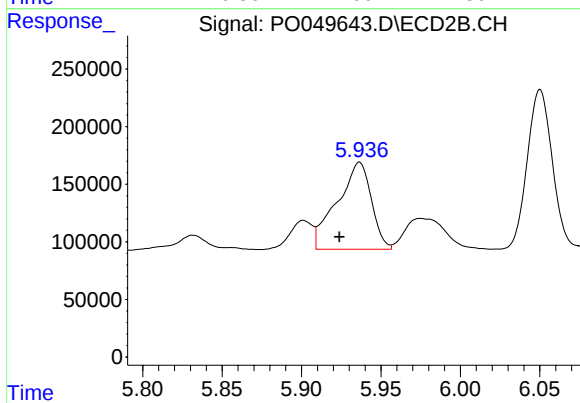
#27 AR-1254-2

R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 656641
Conc: 33.24 ng/ml



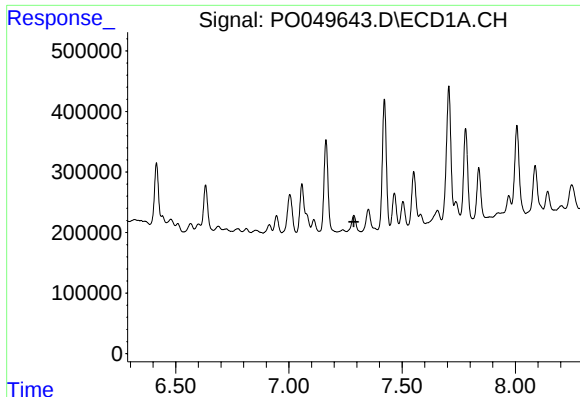
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 7.000 min
Response: 0
Conc: N.D.



#28 AR-1254-3

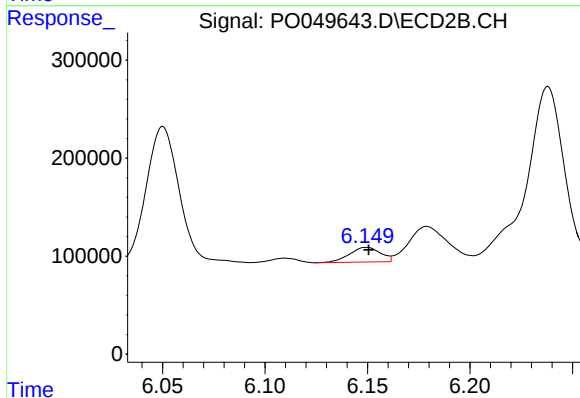
R.T.: 5.936 min
Delta R.T.: 0.013 min
Response: 1136985
Conc: 34.70 ng/ml



#29 AR-1254-4

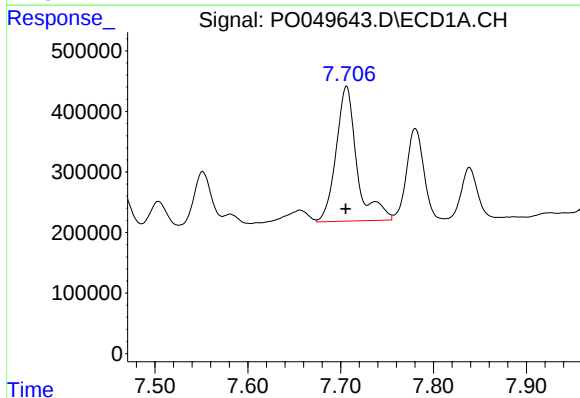
R.T.: 0.000 min
Exp R.T.: 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



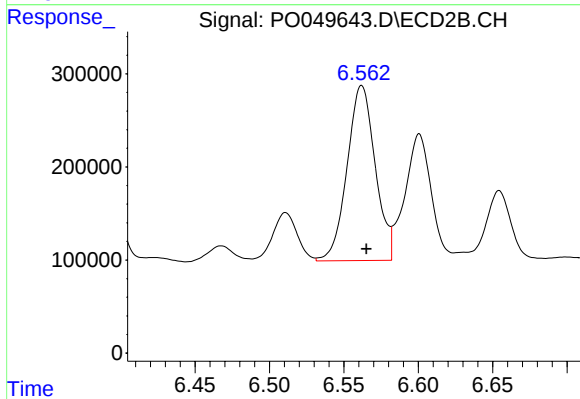
#29 AR-1254-4

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 156834
Conc: 6.89 ng/ml



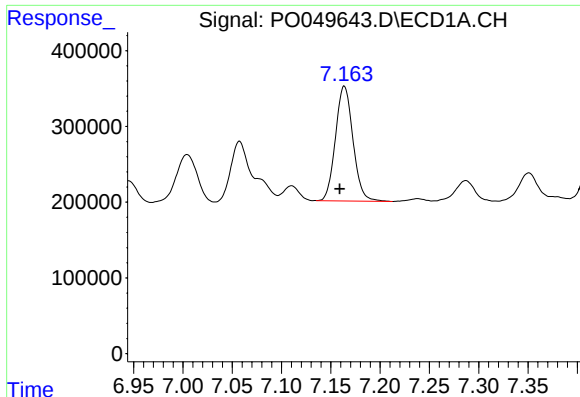
#30 AR-1254-5

R.T.: 7.706 min
Delta R.T.: 0.000 min
Response: 3480586
Conc: 142.27 ng/ml



#30 AR-1254-5

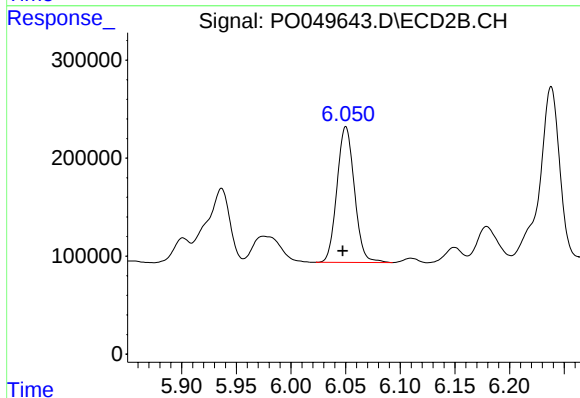
R.T.: 6.562 min
Delta R.T.: -0.003 min
Response: 2471912
Conc: 82.36 ng/ml



#31 AR-1260-1

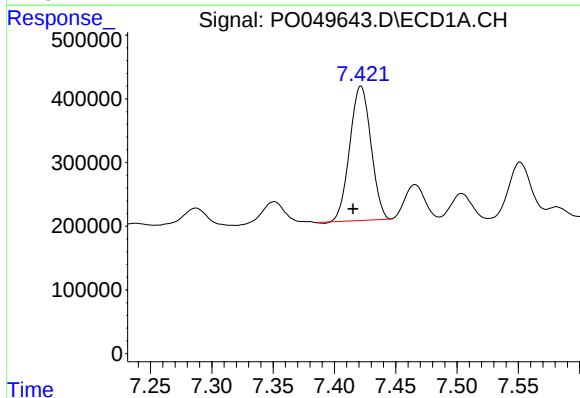
R.T.: 7.164 min
Delta R.T.: 0.005 min
Response: 1872686
Conc: 88.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



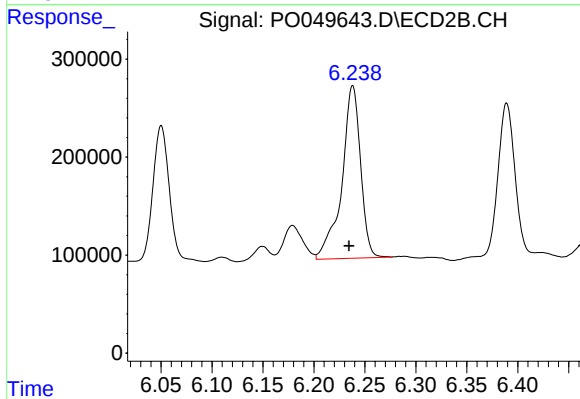
#31 AR-1260-1

R.T.: 6.050 min
Delta R.T.: 0.003 min
Response: 1540756
Conc: 75.06 ng/ml



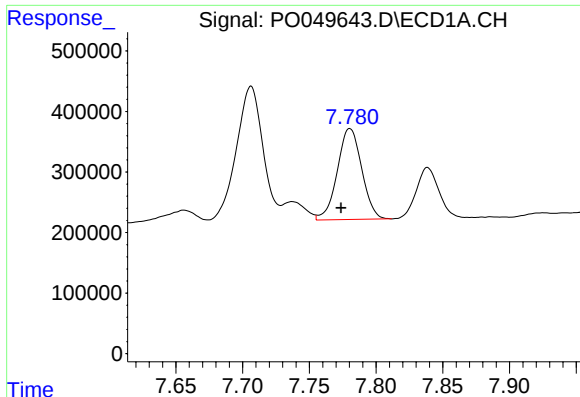
#32 AR-1260-2

R.T.: 7.422 min
Delta R.T.: 0.006 min
Response: 2531483
Conc: 94.08 ng/ml



#32 AR-1260-2

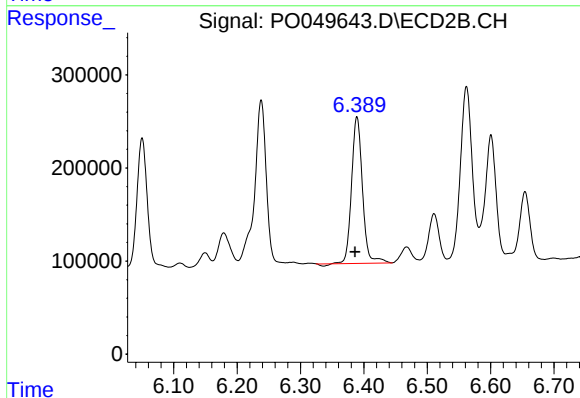
R.T.: 6.238 min
Delta R.T.: 0.004 min
Response: 2254085
Conc: 84.67 ng/ml



#33 AR-1260-3

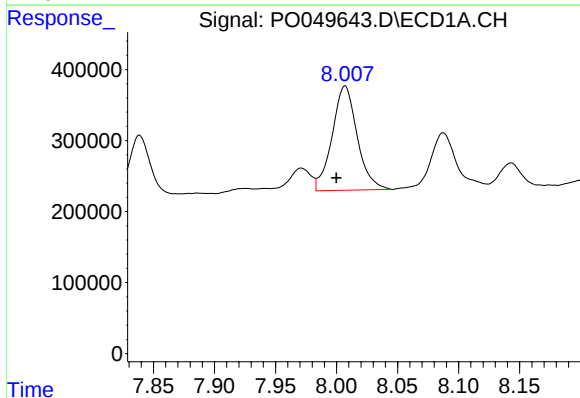
R.T.: 7.780 min
Delta R.T.: 0.007 min
Response: 1915227
Conc: 96.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



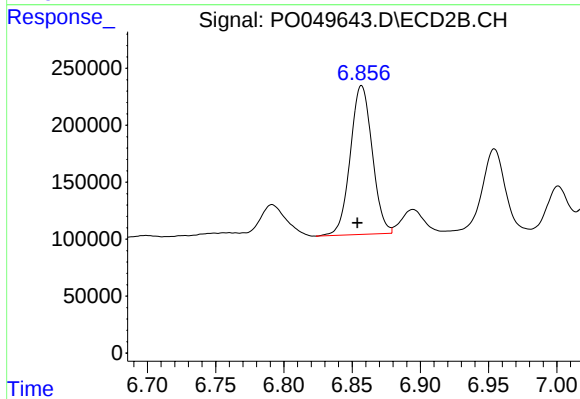
#33 AR-1260-3

R.T.: 6.389 min
Delta R.T.: 0.003 min
Response: 1883209
Conc: 79.46 ng/ml



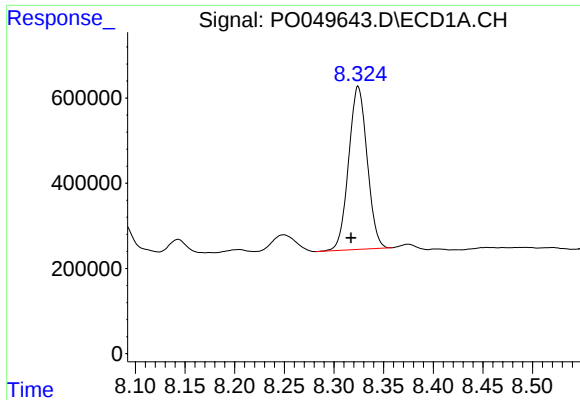
#34 AR-1260-4

R.T.: 8.007 min
Delta R.T.: 0.007 min
Response: 2101037
Conc: 106.82 ng/ml



#34 AR-1260-4

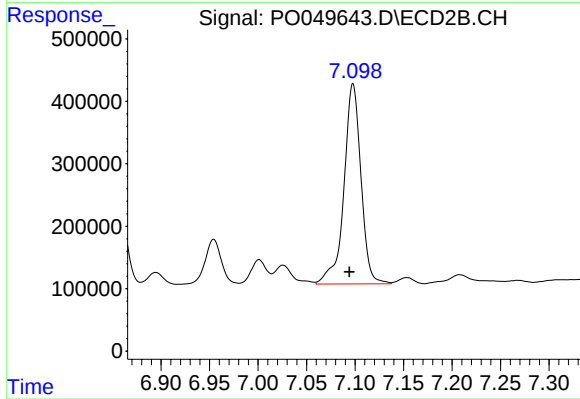
R.T.: 6.857 min
Delta R.T.: 0.003 min
Response: 1459138
Conc: 80.89 ng/ml



#35 AR-1260-5

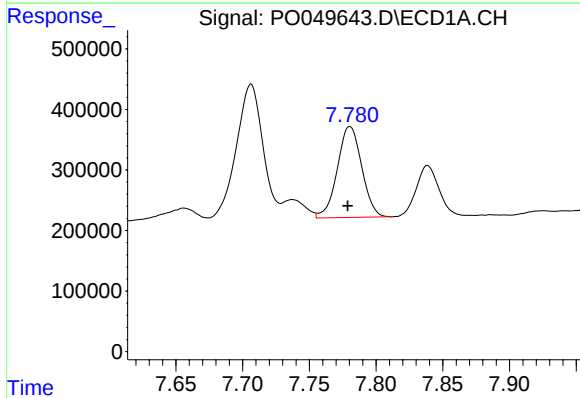
R.T.: 8.325 min
Delta R.T.: 0.007 min
Response: 4962849
Conc: 110.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



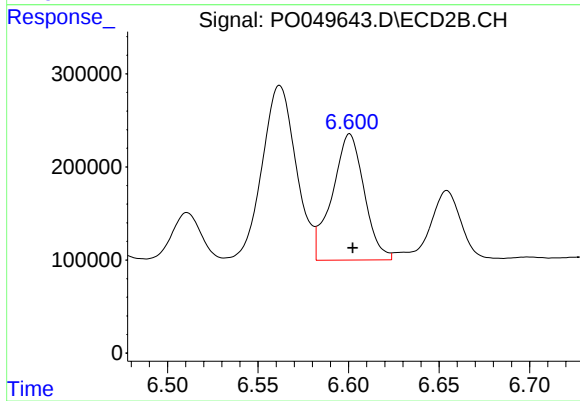
#35 AR-1260-5

R.T.: 7.098 min
Delta R.T.: 0.004 min
Response: 3925730
Conc: 84.02 ng/ml



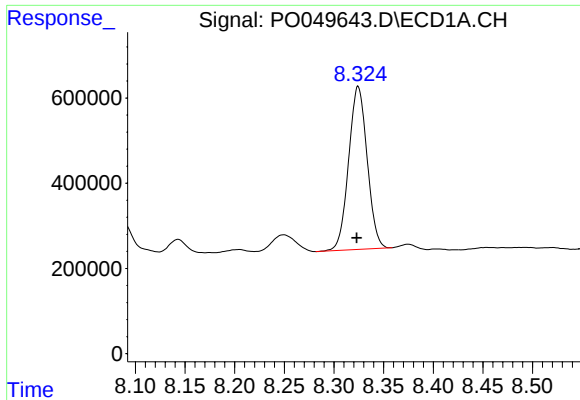
#36 AR-1262-1

R.T.: 7.780 min
Delta R.T.: 0.002 min
Response: 1915227
Conc: 66.47 ng/ml



#36 AR-1262-1

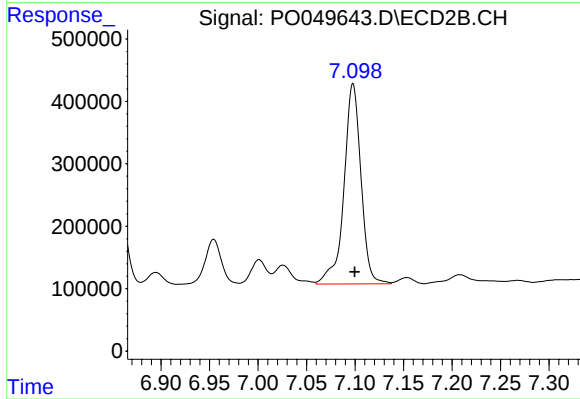
R.T.: 6.601 min
Delta R.T.: -0.001 min
Response: 1667511
Conc: 57.73 ng/ml



#37 AR-1262-2

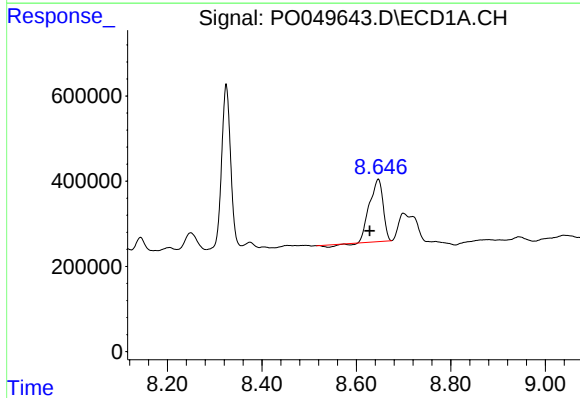
R.T.: 8.325 min
Delta R.T.: 0.002 min
Response: 4962849
Conc: 100.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



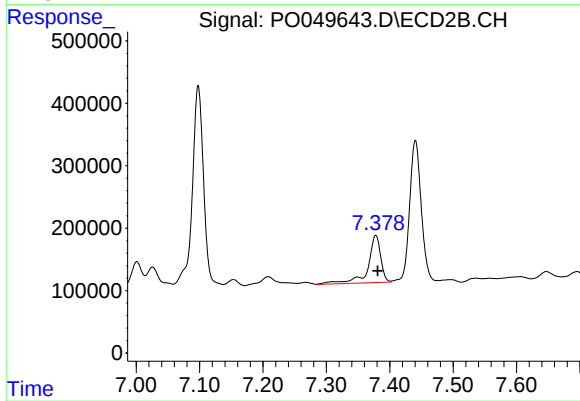
#37 AR-1262-2

R.T.: 7.098 min
Delta R.T.: -0.002 min
Response: 3925730
Conc: 78.71 ng/ml



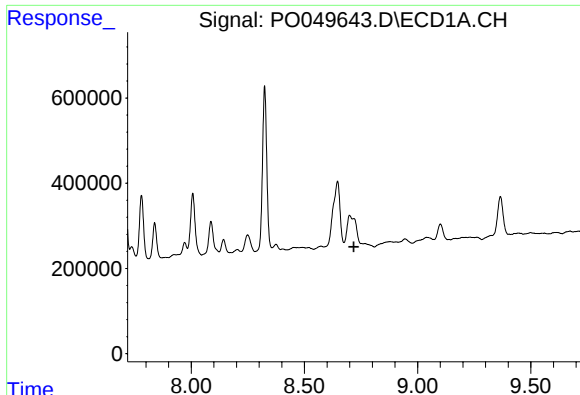
#38 AR-1262-3

R.T.: 8.646 min
Delta R.T.: 0.018 min
Response: 2833334
Conc: 84.68 ng/ml



#38 AR-1262-3

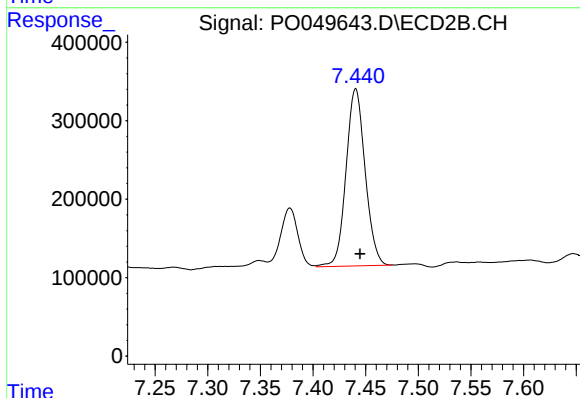
R.T.: 7.378 min
Delta R.T.: -0.003 min
Response: 1054176
Conc: 53.27 ng/ml



#39 AR-1262-4

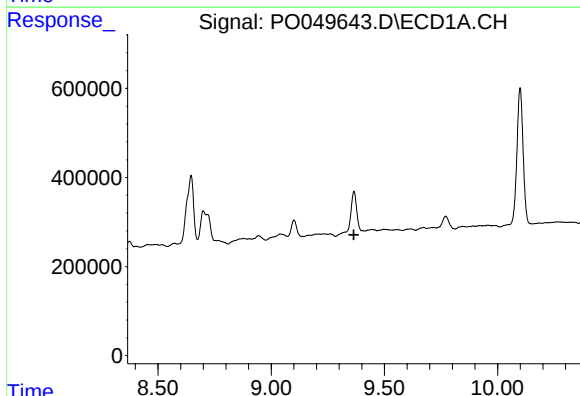
R.T.: 0.000 min
Exp R.T.: 8.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



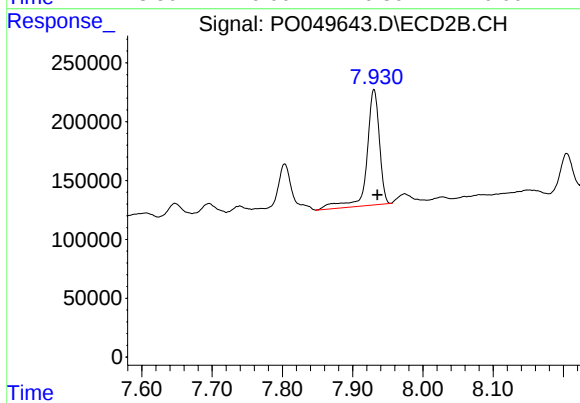
#39 AR-1262-4

R.T.: 7.441 min
Delta R.T.: -0.004 min
Response: 2846801
Conc: 80.80 ng/ml



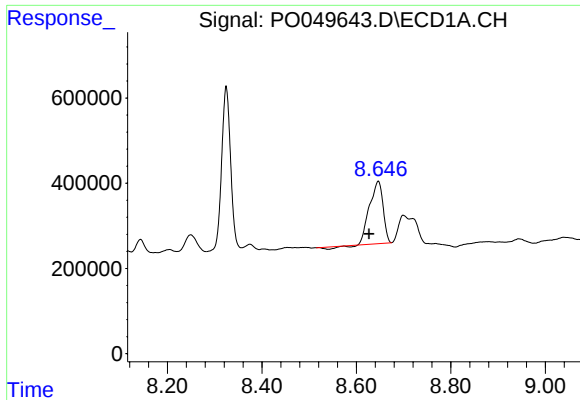
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.365 min
Response: 0
Conc: N.D.



#40 AR-1262-5

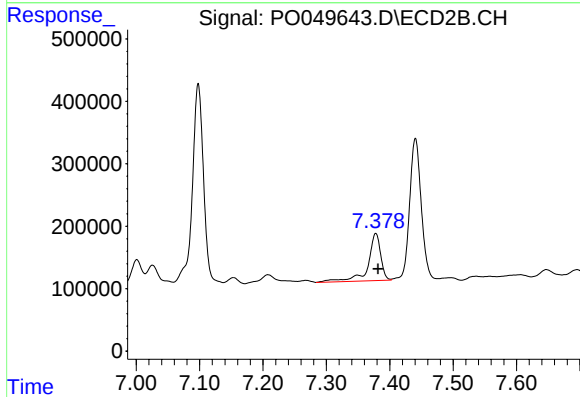
R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 1221136
Conc: 77.09 ng/ml



#41 AR-1268-1

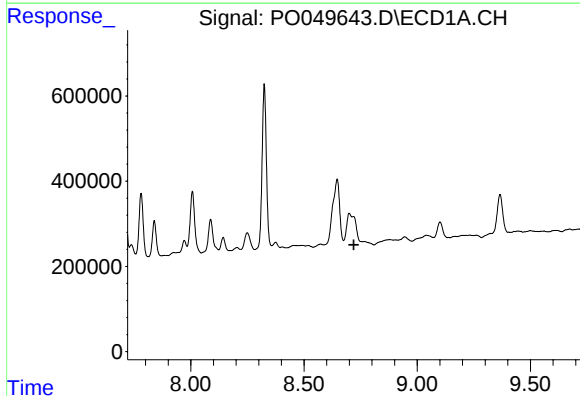
R.T.: 8.646 min
Delta R.T.: 0.020 min
Response: 2833334
Conc: 40.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



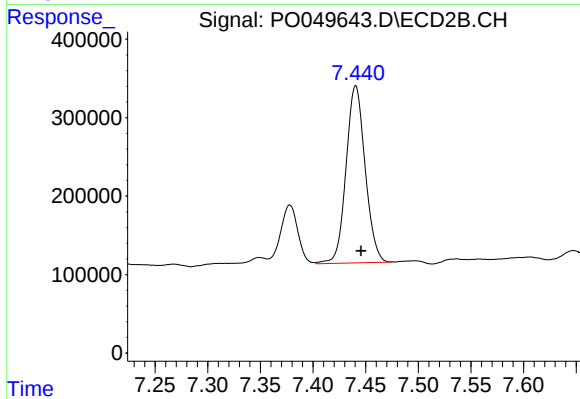
#41 AR-1268-1

R.T.: 7.378 min
Delta R.T.: -0.004 min
Response: 1054176
Conc: 16.61 ng/ml



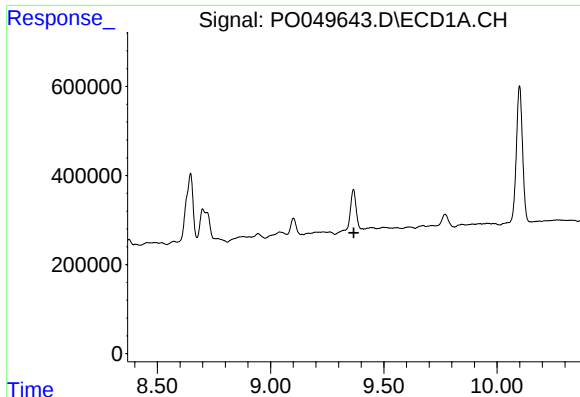
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.720 min
Response: 0
Conc: N.D.



#42 AR-1268-2

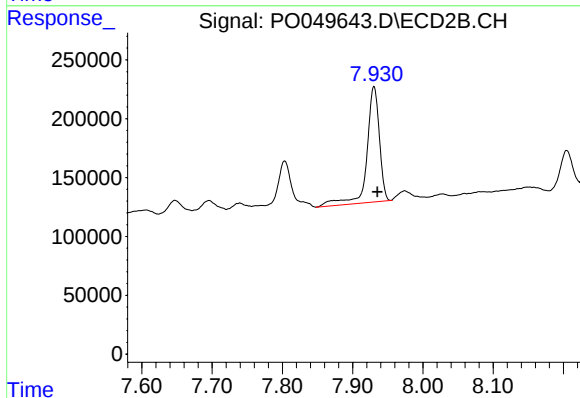
R.T.: 7.441 min
Delta R.T.: -0.005 min
Response: 2846801
Conc: 49.39 ng/ml



#44 AR-1268-4

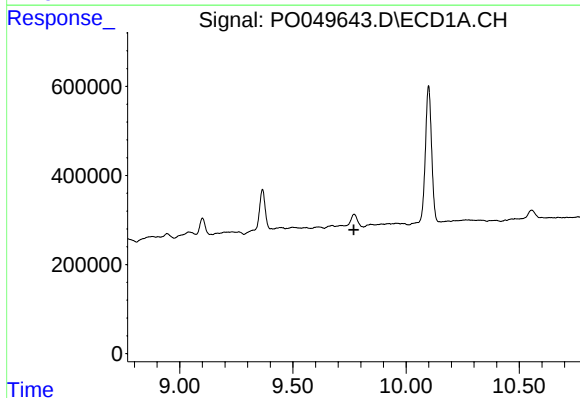
R.T.: 0.000 min
Exp R.T.: 9.368 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



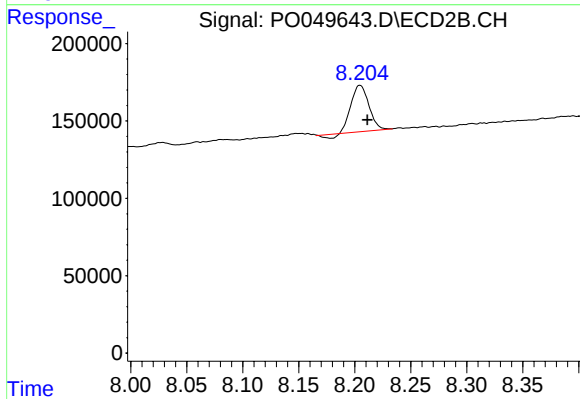
#44 AR-1268-4

R.T.: 7.930 min
Delta R.T.: -0.005 min
Response: 1221136
Conc: 61.34 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.769 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.205 min
Delta R.T.: -0.006 min
Response: 321761
Conc: 2.54 ng/ml