

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121419\
 Data File : PO064647.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Dec 2019 2:46
 Operator : SM/AJ
 Sample : K6143-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 10F

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 03:41:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 13 08:19:24 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...	4.182	3.460	378101	495341	15.531	19.541 #
2)	SA Decachlor...	9.702	8.386	333597	448146	10.870	12.904
Target Compounds							
3)	L1 AR-1016-1	5.300	4.461	17662	75034	17.701	69.380 #
4)	L1 AR-1016-2	5.300	0.000	17662	0	12.162	N.D. #
5)	L1 AR-1016-3	0.000	4.759	0	122045	N.D.	156.999 #
6)	L1 AR-1016-4	5.489	4.759	51495	122045	71.095	185.623 #
7)	L1 AR-1016-5	5.805	0.000	118882	0	163.126	N.D. #
8)	L2 AR-1221-1	4.353	0.000	113879	0	439.310	N.D. #
10)	L2 AR-1221-3	4.565	3.826	31579	36457	47.670	51.599
11)	L3 AR-1232-1	4.565	3.826	31579	36457	31.223	32.609
13)	L3 AR-1232-3	5.300	4.759	17662	122045	15.797	196.089 #
14)	L3 AR-1232-4	5.489	4.802	51495	20587	92.631	36.137 #
15)	L3 AR-1232-5	5.604	0.000	95486	0	230.092	N.D. #
16)	L4 AR-1242-1	5.300	4.461	17662	75034	22.538	86.352 #
17)	L4 AR-1242-2	5.300	0.000	17662	0	15.652	N.D. #
18)	L4 AR-1242-3	0.000	4.759	0	122045	N.D.	192.460 #
19)	L4 AR-1242-4	5.489	4.802	51495	20587	91.340	31.629 #
20)	L4 AR-1242-5	6.246	5.317	117839	797038	169.083	896.606 #
21)	L5 AR-1248-1	5.300	4.461	17662	75034	27.367	104.823 #
22)	L5 AR-1248-2	5.604	4.759	95486	122045	103.331	124.296
23)	L5 AR-1248-3	5.805	4.802	118882	20587	111.901	20.233 #
24)	L5 AR-1248-4	6.205	0.000	138246	0	106.009	N.D. #
25)	L5 AR-1248-5	6.246	5.317	117839	797038	94.700	419.264 #
26)	L6 AR-1254-1	6.177	5.317	502737	797038	394.756	392.489
27)	L6 AR-1254-2	6.394	5.464	1270161	1542148	610.640	845.762 #
28)	L6 AR-1254-3	6.757	5.864	1618944	3740083	678.009	1203.982 #
29)	L6 AR-1254-4	7.041	6.090	1376041	1673787	735.875	814.879
30)	L6 AR-1254-5	7.456	6.505	5118151	6112854	2432.554	2047.937
31)	L7 AR-1260-1	6.919	5.992	2419074	3464666	1574.603	1876.342
32)	L7 AR-1260-2	7.175	6.179	3735196	5070835	1892.198	2179.498
33)	L7 AR-1260-3	7.531	6.331	3924940	3548065	2612.081	1675.735 #
34)	L7 AR-1260-4	7.753	6.799	4426892	4311233	2396.512	2288.464
35)	L7 AR-1260-5	8.060	7.041	7227947	10777013	1936.901	2297.859
36)	L8 AR-1262-1	7.531	6.595	3924940	2195403	1706.909	1913.621
37)	L8 AR-1262-2	8.060	7.041	7227947	10777013	1665.184	1972.252
38)	L8 AR-1262-3	8.348	7.322	5185737	3601968	1782.047	1729.378
39)	L8 AR-1262-4	8.415	7.386	1449801	7029540	669.861	1765.740 #
40)	L8 AR-1262-5	9.029	7.878	2397095	3104198	1634.187	1780.359
41)	L9 AR-1268-1	8.348	7.322	5185737	3601968	1003.417	563.290 #
42)	L9 AR-1268-2	8.415	7.386	1449801	7029540	308.309	1206.071 #
43)	L9 AR-1268-3	8.638	7.591	169654	199330	44.010	41.730

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121419\
Data File : P0064647.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 14 Dec 2019 2:46
Operator : SM/AJ
Sample : K6143-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
10F

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 14 03:41:30 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121319.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Dec 13 08:19:24 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
44)	L9 AR-1268-4	9.029	7.878	2397095	3104198	1425.822	1542.156
45)	L9 AR-1268-5	9.401	8.151	695549	856079	58.613	59.178

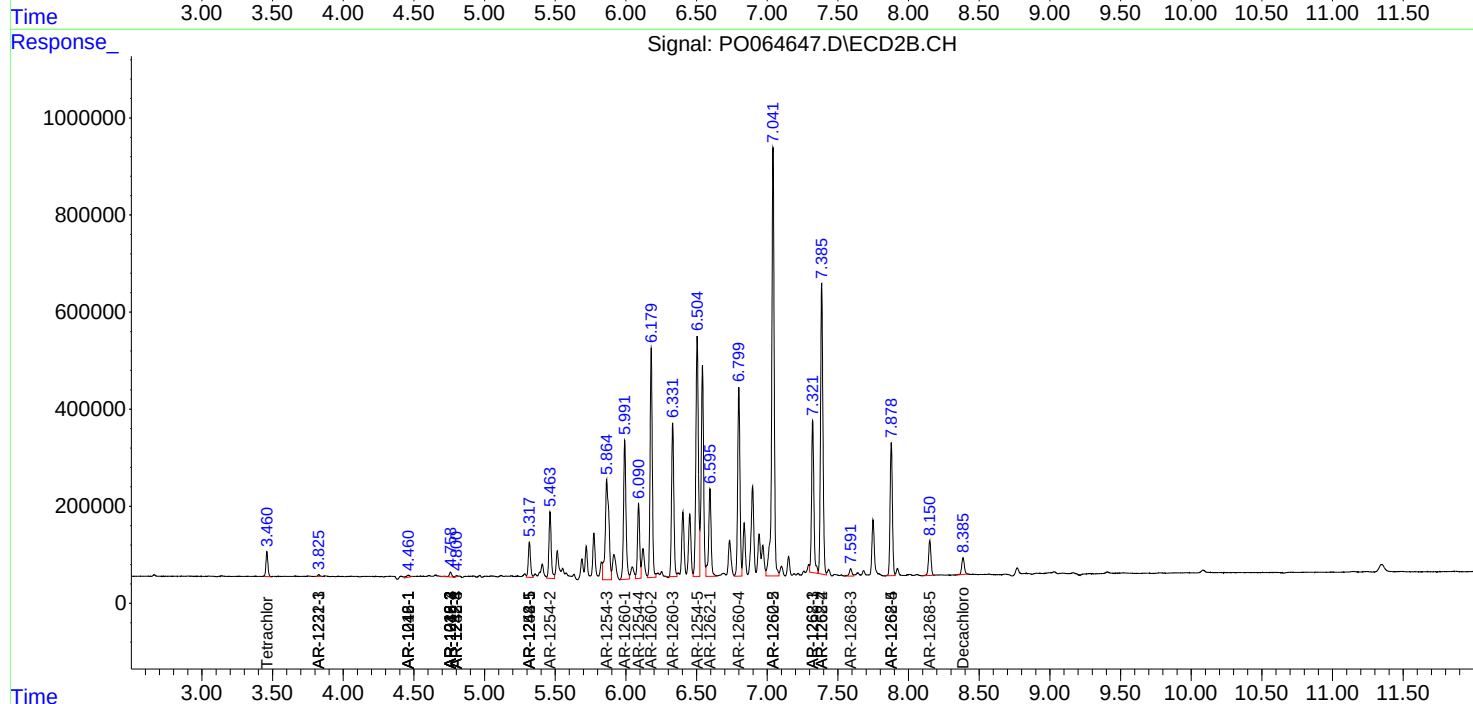
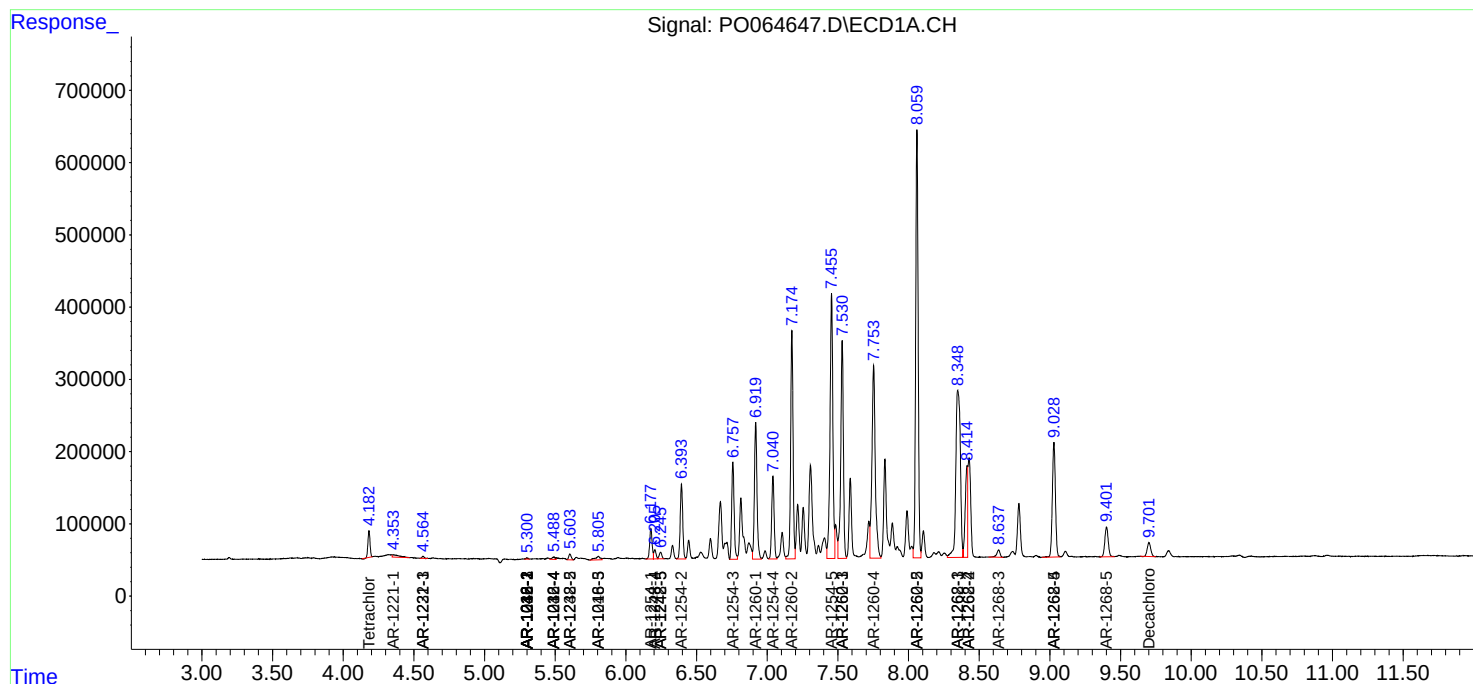
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

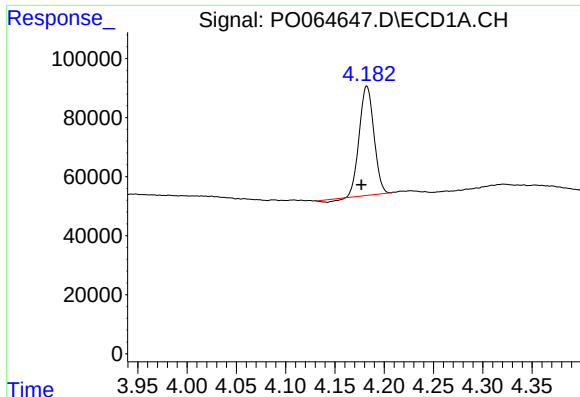
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121419\
Data File : P0064647.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 14 Dec 2019 2:46
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Misc :
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Integration File signal 2: autoint2.e
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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

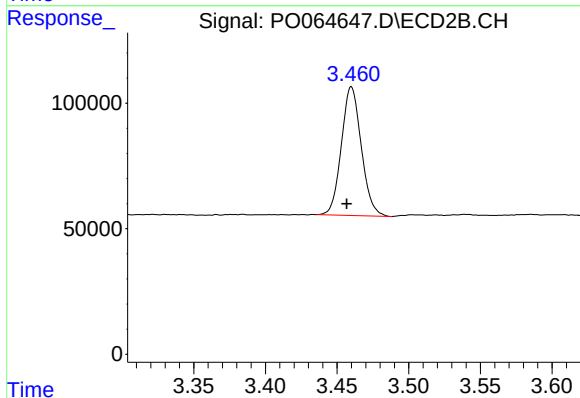




#1 Tetrachloro-m-xylene

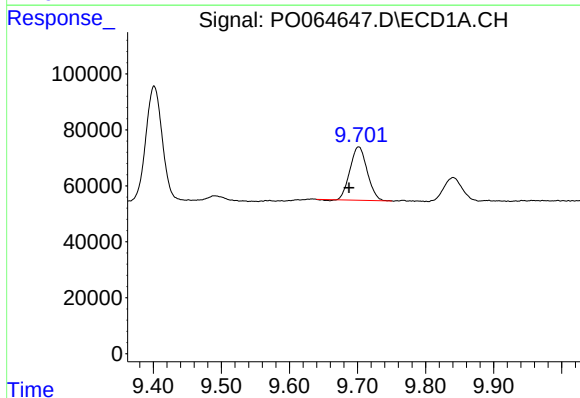
R.T.: 4.182 min
Delta R.T.: 0.005 min
Response: 378101
Conc: 15.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



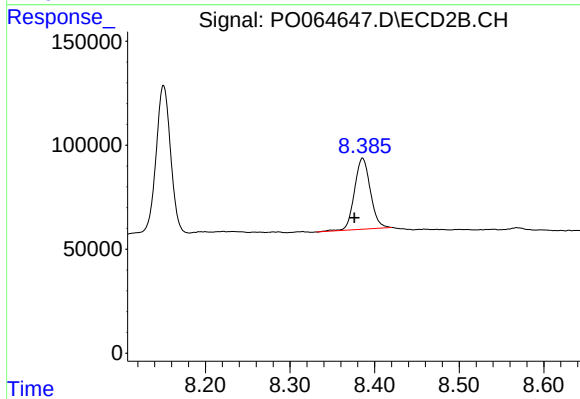
#1 Tetrachloro-m-xylene

R.T.: 3.460 min
Delta R.T.: 0.003 min
Response: 495341
Conc: 19.54 ng/ml



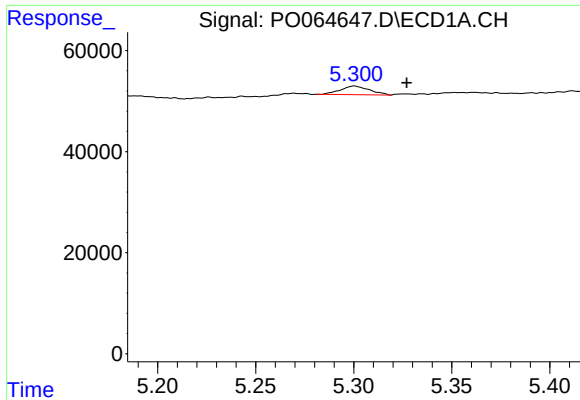
#2 Decachlorobiphenyl

R.T.: 9.702 min
Delta R.T.: 0.014 min
Response: 333597
Conc: 10.87 ng/ml



#2 Decachlorobiphenyl

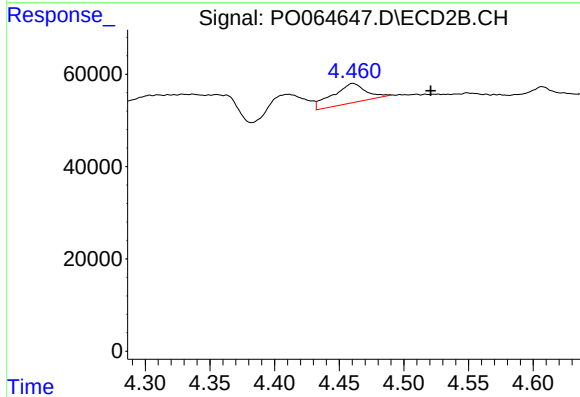
R.T.: 8.386 min
Delta R.T.: 0.010 min
Response: 448146
Conc: 12.90 ng/ml



#3 AR-1016-1

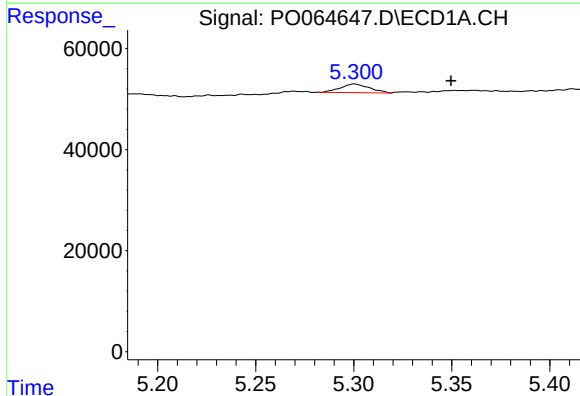
R.T.: 5.300 min
Delta R.T.: -0.027 min
Response: 17662
Conc: 17.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



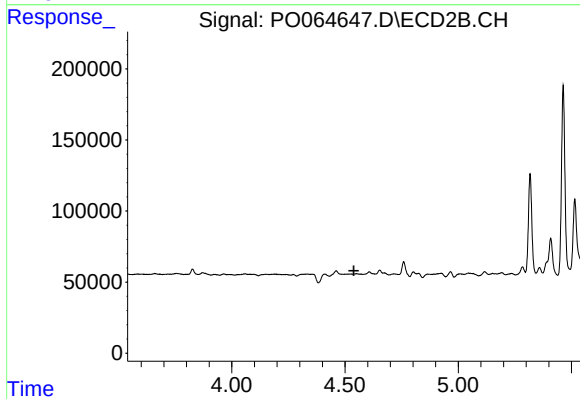
#3 AR-1016-1

R.T.: 4.461 min
Delta R.T.: -0.060 min
Response: 75034
Conc: 69.38 ng/ml



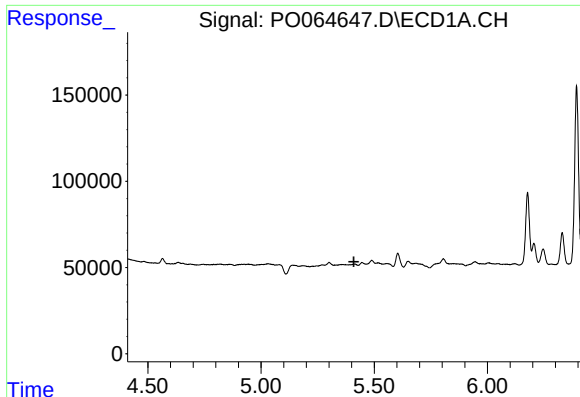
#4 AR-1016-2

R.T.: 5.300 min
Delta R.T.: -0.049 min
Response: 17662
Conc: 12.16 ng/ml



#4 AR-1016-2

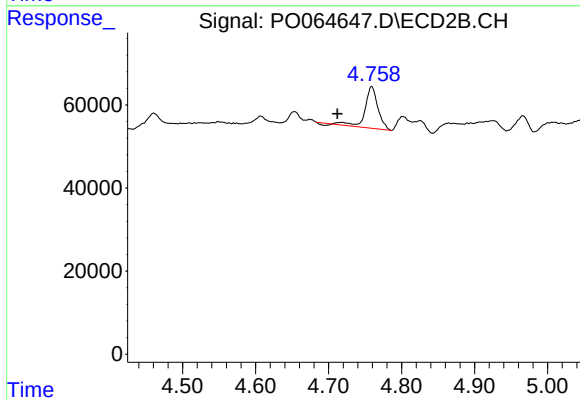
R.T.: 0.000 min
Exp R.T.: 4.539 min
Response: 0
Conc: N.D.



#5 AR-1016-3

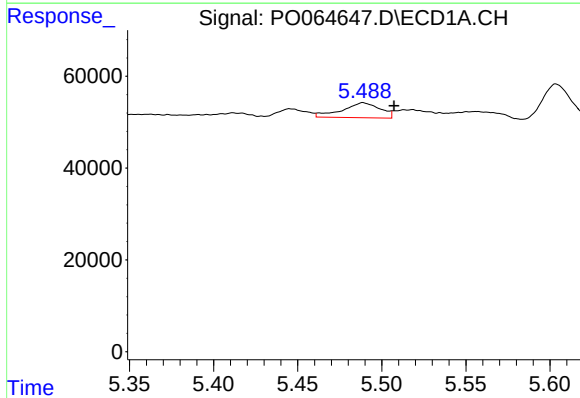
R.T.: 0.000 min
Exp R.T.: 5.410 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
10F



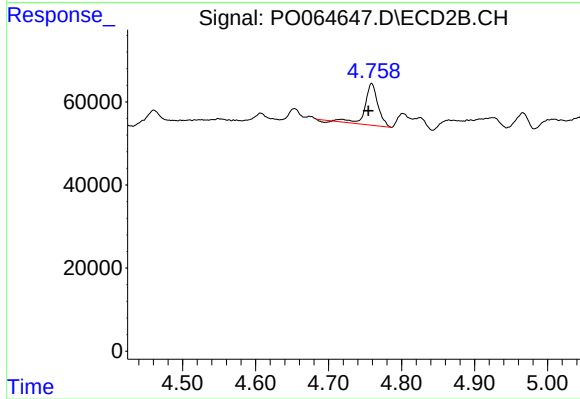
#5 AR-1016-3

R.T.: 4.759 min
Delta R.T.: 0.047 min
Response: 122045
Conc: 157.00 ng/ml



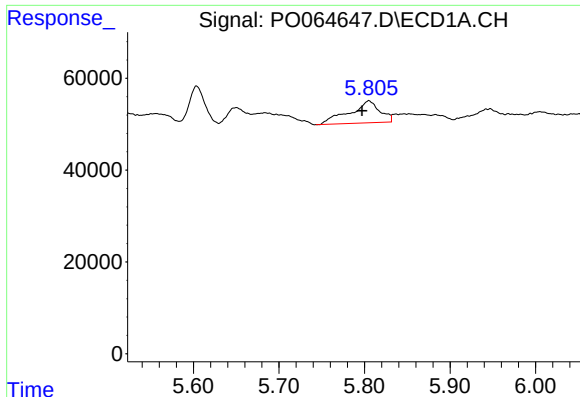
#6 AR-1016-4

R.T.: 5.489 min
Delta R.T.: -0.018 min
Response: 51495
Conc: 71.09 ng/ml



#6 AR-1016-4

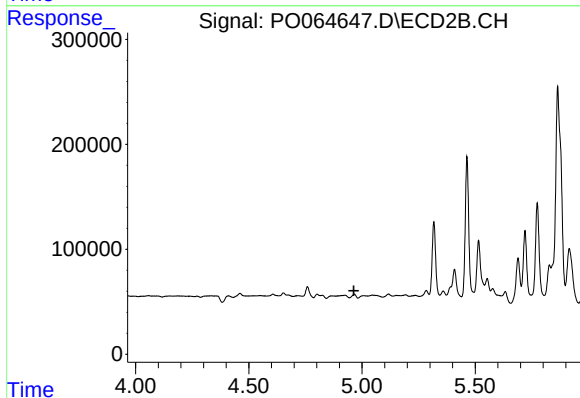
R.T.: 4.759 min
Delta R.T.: 0.005 min
Response: 122045
Conc: 185.62 ng/ml



#7 AR-1016-5

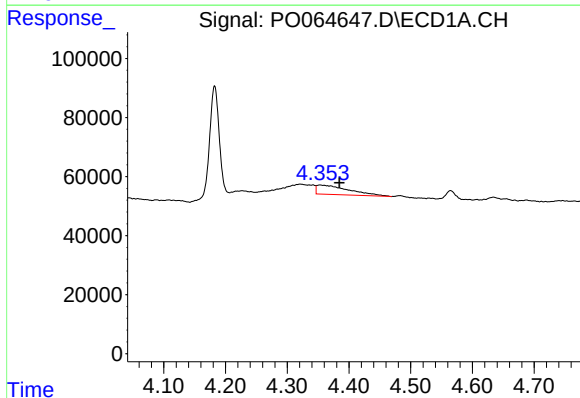
R.T.: 5.805 min
Delta R.T.: 0.008 min
Response: 118882
Conc: 163.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



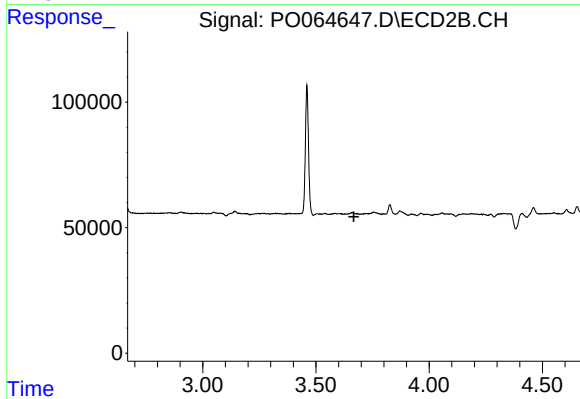
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.964 min
Response: 0
Conc: N.D.



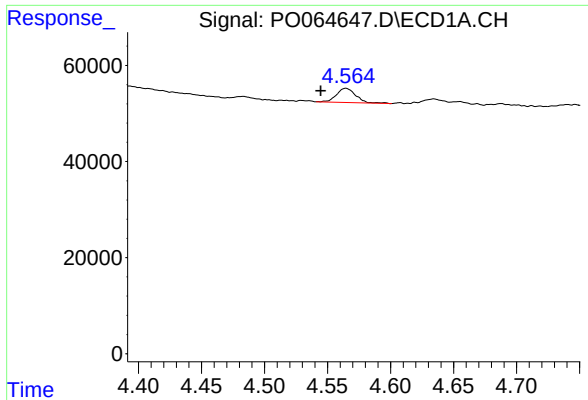
#8 AR-1221-1

R.T.: 4.353 min
Delta R.T.: -0.031 min
Response: 113879
Conc: 439.31 ng/ml



#8 AR-1221-1

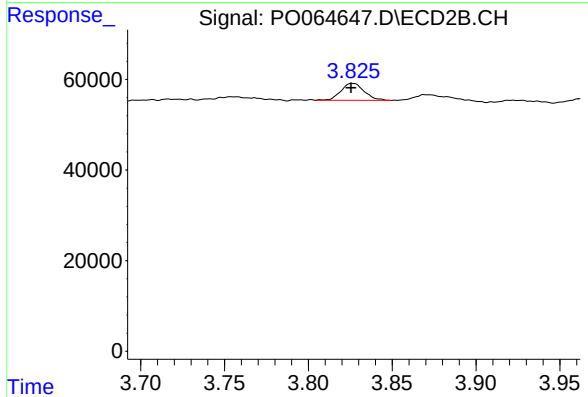
R.T.: 0.000 min
Exp R.T. : 3.667 min
Response: 0
Conc: N.D.



#10 AR-1221-3

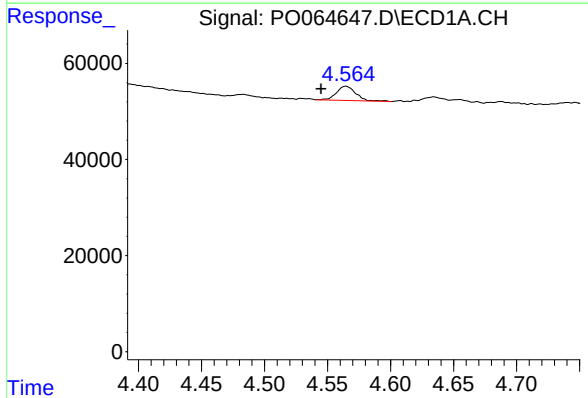
R.T.: 4.565 min
Delta R.T.: 0.020 min
Response: 31579
Conc: 47.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



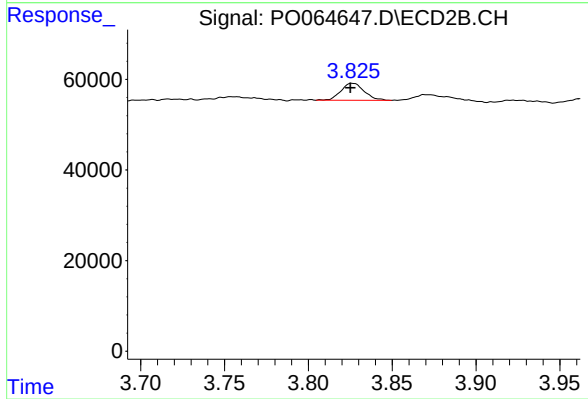
#10 AR-1221-3

R.T.: 3.826 min
Delta R.T.: 0.000 min
Response: 36457
Conc: 51.60 ng/ml



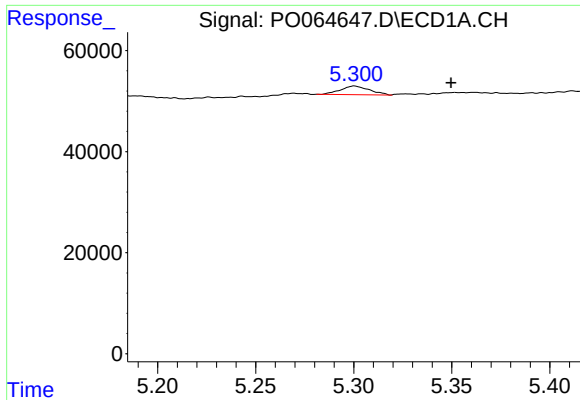
#11 AR-1232-1

R.T.: 4.565 min
Delta R.T.: 0.020 min
Response: 31579
Conc: 31.22 ng/ml



#11 AR-1232-1

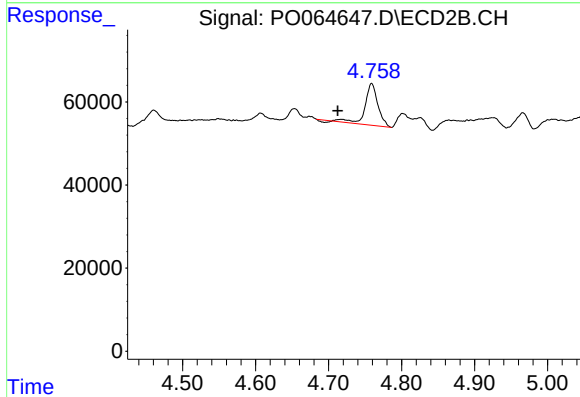
R.T.: 3.826 min
Delta R.T.: 0.001 min
Response: 36457
Conc: 32.61 ng/ml



#13 AR-1232-3

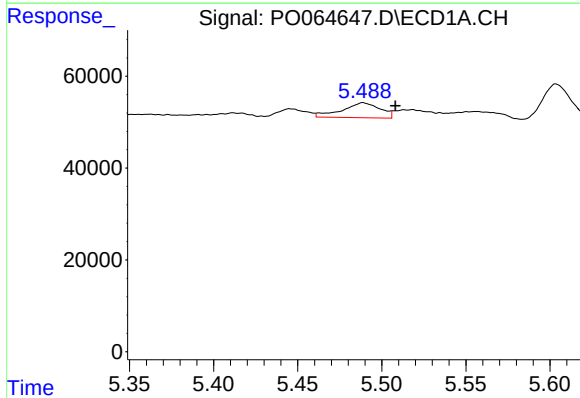
R.T.: 5.300 min
Delta R.T.: -0.049 min
Response: 17662
Conc: 15.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



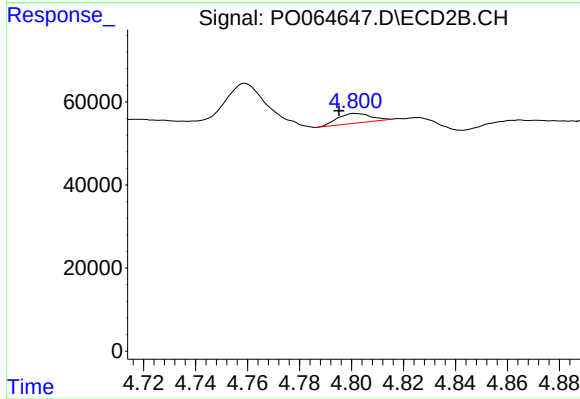
#13 AR-1232-3

R.T.: 4.759 min
Delta R.T.: 0.046 min
Response: 122045
Conc: 196.09 ng/ml



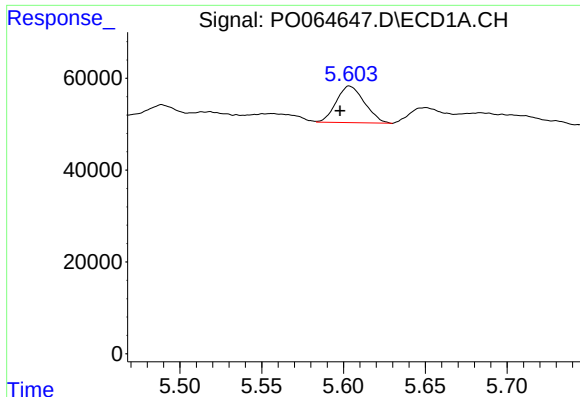
#14 AR-1232-4

R.T.: 5.489 min
Delta R.T.: -0.019 min
Response: 51495
Conc: 92.63 ng/ml



#14 AR-1232-4

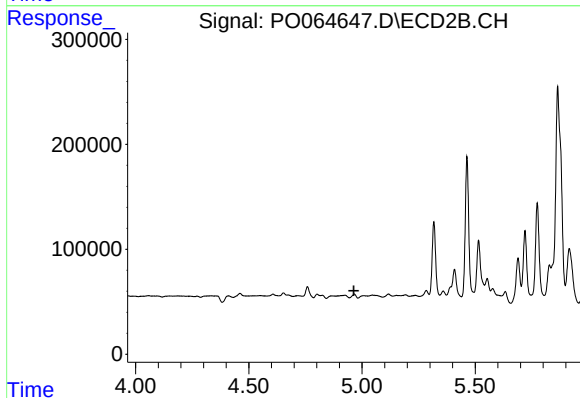
R.T.: 4.802 min
Delta R.T.: 0.006 min
Response: 20587
Conc: 36.14 ng/ml



#15 AR-1232-5

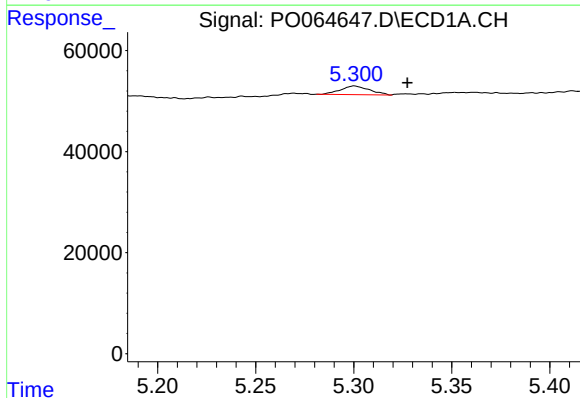
R.T.: 5.604 min
Delta R.T.: 0.006 min
Response: 95486
Conc: 230.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



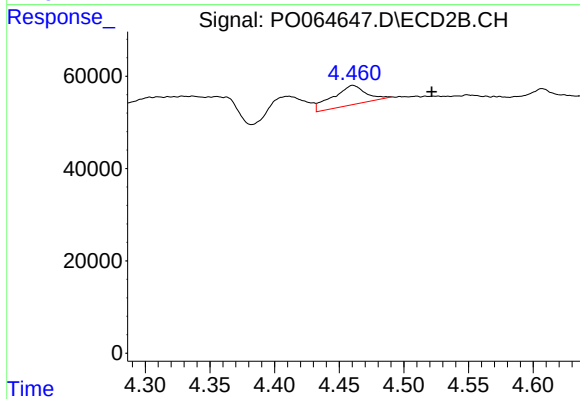
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.964 min
Response: 0
Conc: N.D.



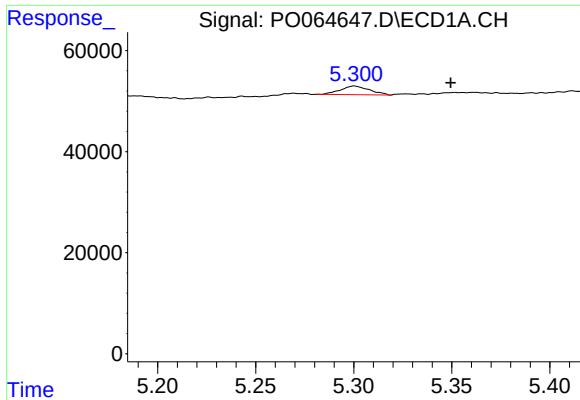
#16 AR-1242-1

R.T.: 5.300 min
Delta R.T.: -0.027 min
Response: 17662
Conc: 22.54 ng/ml



#16 AR-1242-1

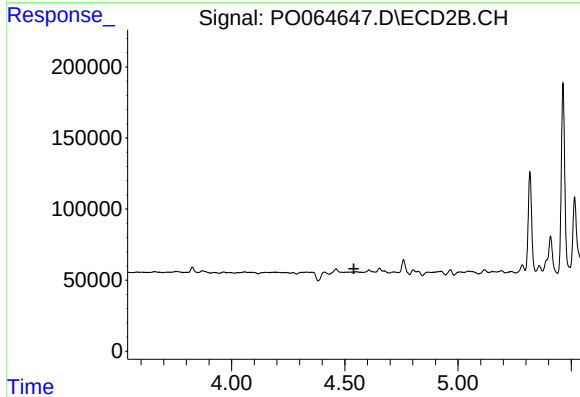
R.T.: 4.461 min
Delta R.T.: -0.061 min
Response: 75034
Conc: 86.35 ng/ml



#17 AR-1242-2

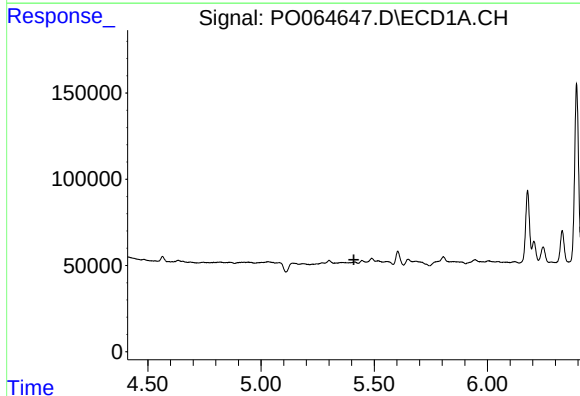
R.T.: 5.300 min
Delta R.T.: -0.049 min
Response: 17662
Conc: 15.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



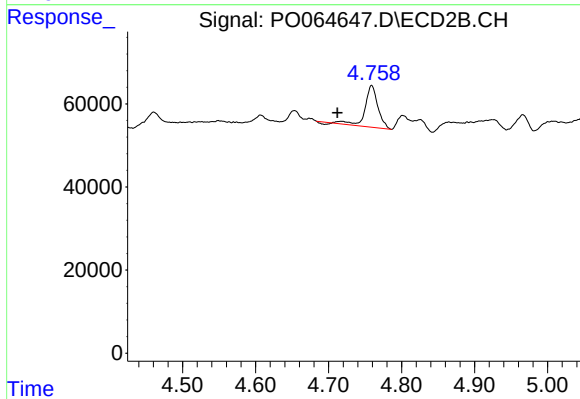
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.540 min
Response: 0
Conc: N.D.



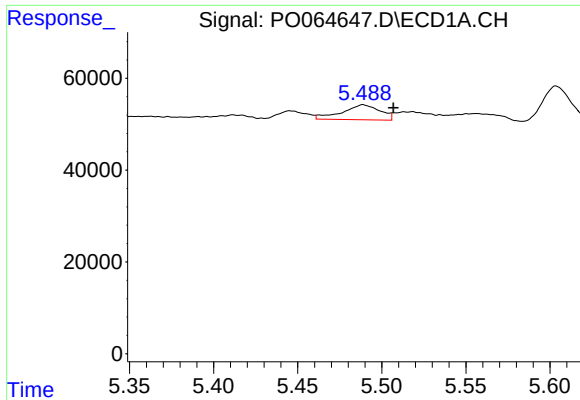
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.410 min
Response: 0
Conc: N.D.



#18 AR-1242-3

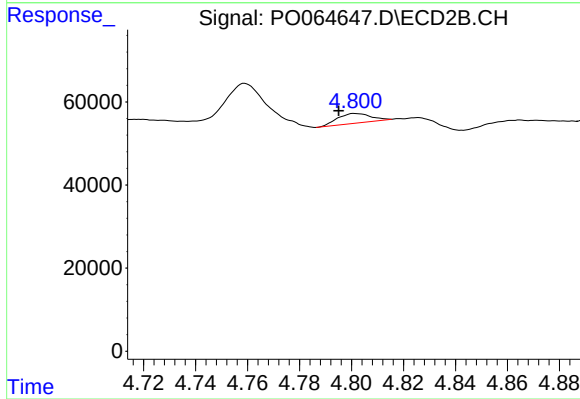
R.T.: 4.759 min
Delta R.T.: 0.047 min
Response: 122045
Conc: 192.46 ng/ml



#19 AR-1242-4

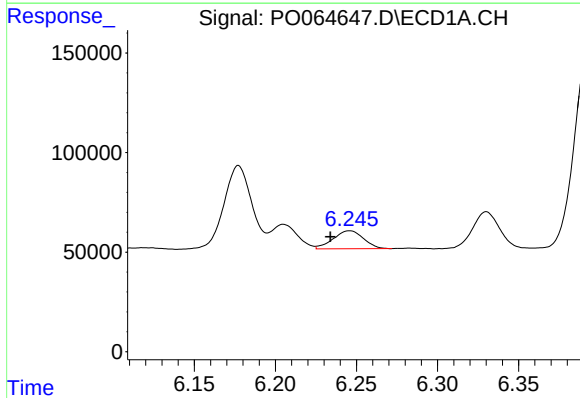
R.T.: 5.489 min
Delta R.T.: -0.018 min
Response: 51495
Conc: 91.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



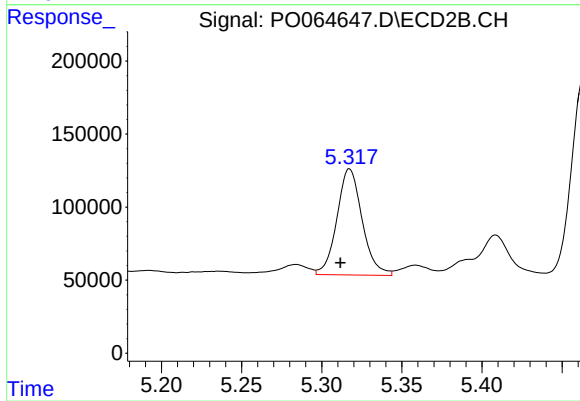
#19 AR-1242-4

R.T.: 4.802 min
Delta R.T.: 0.007 min
Response: 20587
Conc: 31.63 ng/ml



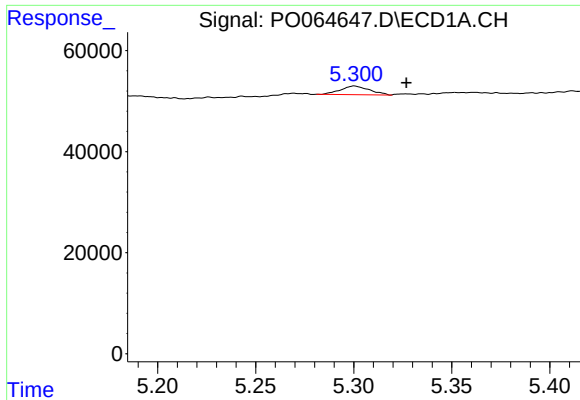
#20 AR-1242-5

R.T.: 6.246 min
Delta R.T.: 0.012 min
Response: 117839
Conc: 169.08 ng/ml



#20 AR-1242-5

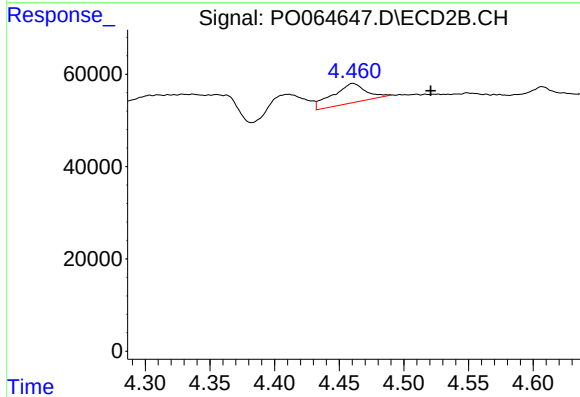
R.T.: 5.317 min
Delta R.T.: 0.006 min
Response: 797038
Conc: 896.61 ng/ml



#21 AR-1248-1

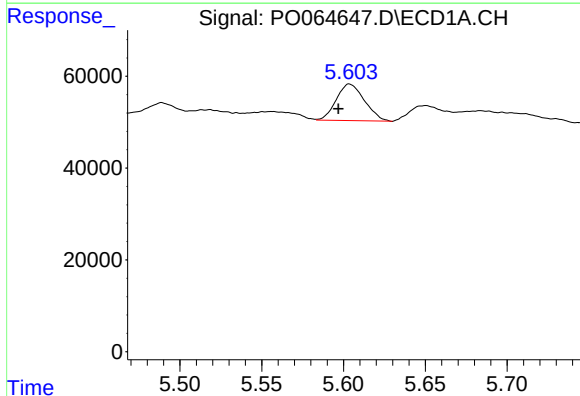
R.T.: 5.300 min
Delta R.T.: -0.026 min
Response: 17662
Conc: 27.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



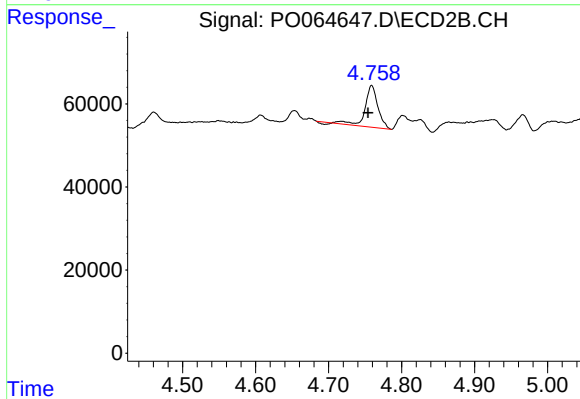
#21 AR-1248-1

R.T.: 4.461 min
Delta R.T.: -0.060 min
Response: 75034
Conc: 104.82 ng/ml



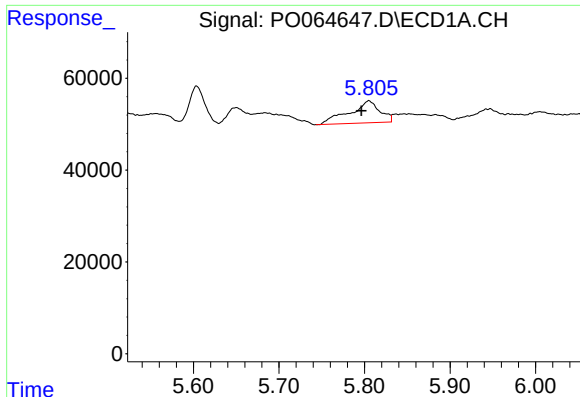
#22 AR-1248-2

R.T.: 5.604 min
Delta R.T.: 0.007 min
Response: 95486
Conc: 103.33 ng/ml



#22 AR-1248-2

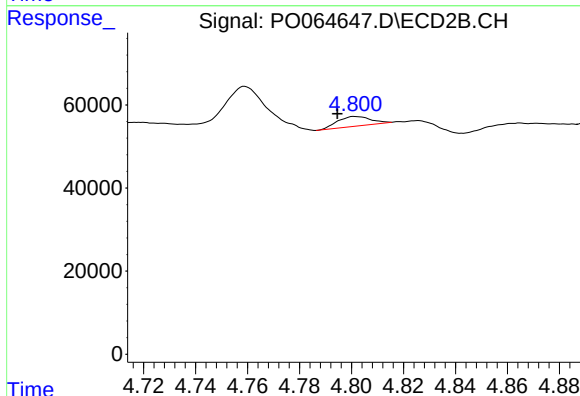
R.T.: 4.759 min
Delta R.T.: 0.005 min
Response: 122045
Conc: 124.30 ng/ml



#23 AR-1248-3

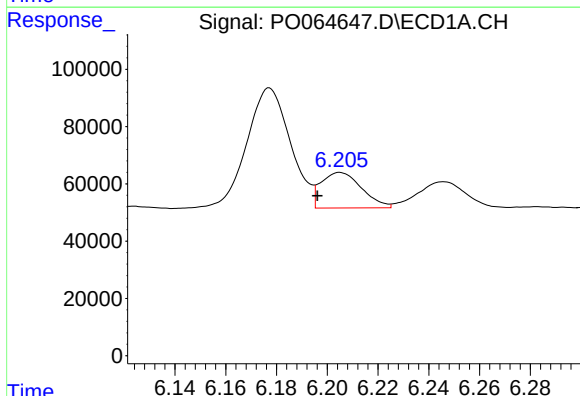
R.T.: 5.805 min
Delta R.T.: 0.009 min
Response: 118882
Conc: 111.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



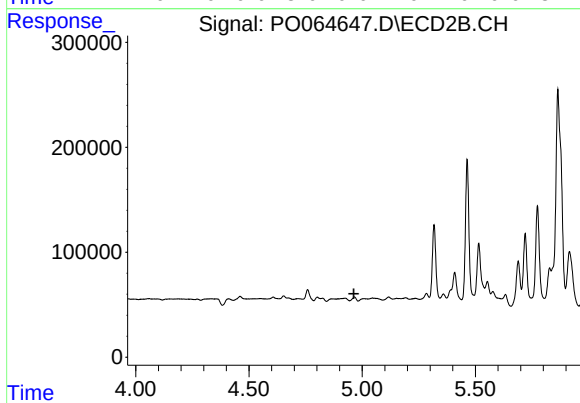
#23 AR-1248-3

R.T.: 4.802 min
Delta R.T.: 0.007 min
Response: 20587
Conc: 20.23 ng/ml



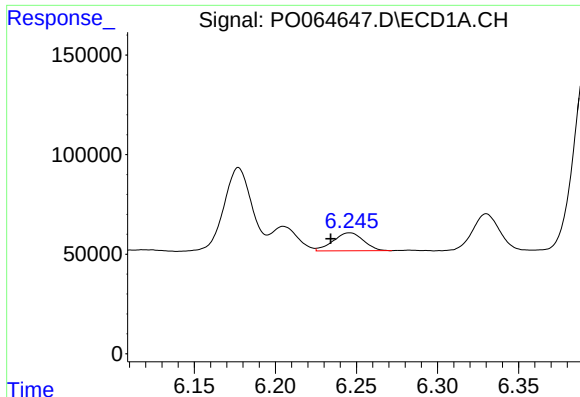
#24 AR-1248-4

R.T.: 6.205 min
Delta R.T.: 0.009 min
Response: 138246
Conc: 106.01 ng/ml



#24 AR-1248-4

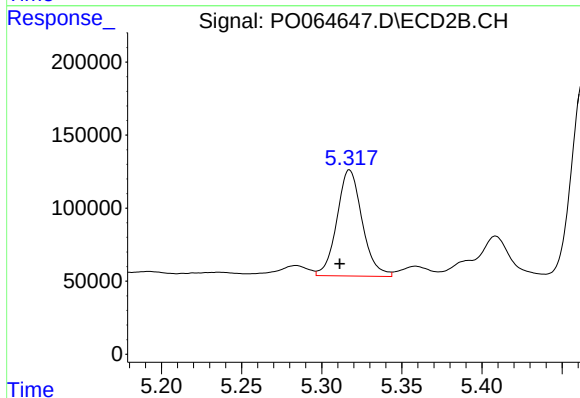
R.T.: 0.000 min
Exp R.T.: 4.963 min
Response: 0
Conc: N.D.



#25 AR-1248-5

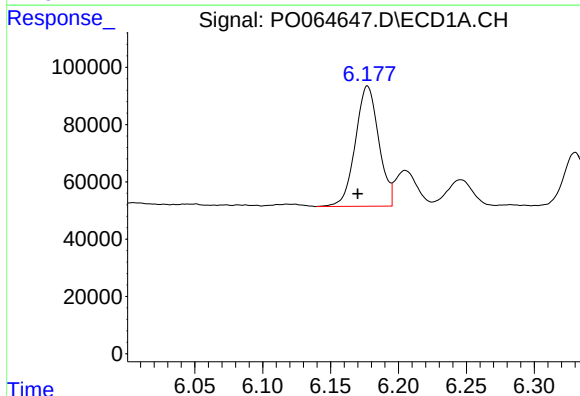
R.T.: 6.246 min
Delta R.T.: 0.012 min
Response: 117839
Conc: 94.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



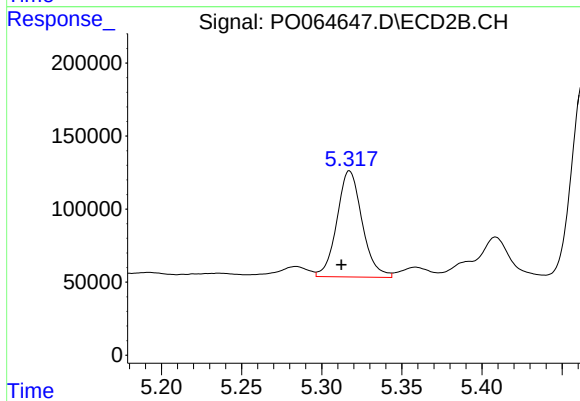
#25 AR-1248-5

R.T.: 5.317 min
Delta R.T.: 0.006 min
Response: 797038
Conc: 419.26 ng/ml



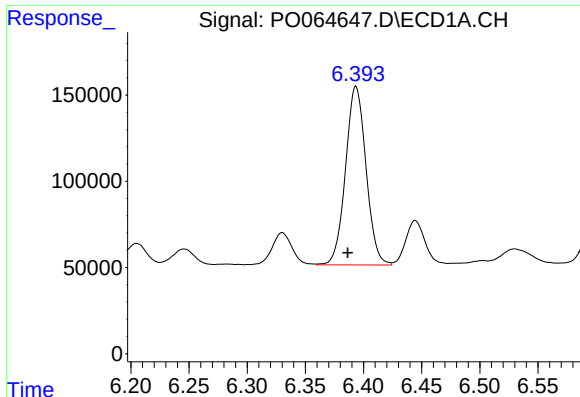
#26 AR-1254-1

R.T.: 6.177 min
Delta R.T.: 0.007 min
Response: 502737
Conc: 394.76 ng/ml



#26 AR-1254-1

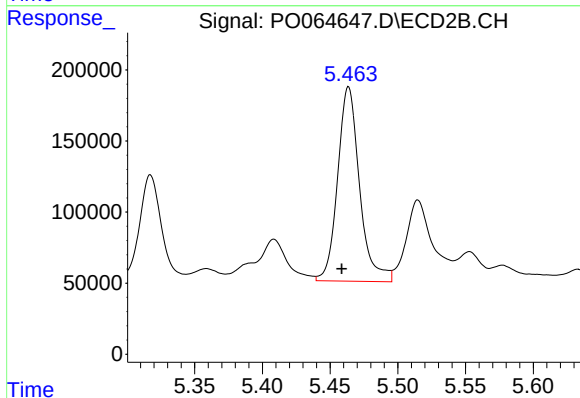
R.T.: 5.317 min
Delta R.T.: 0.005 min
Response: 797038
Conc: 392.49 ng/ml



#27 AR-1254-2

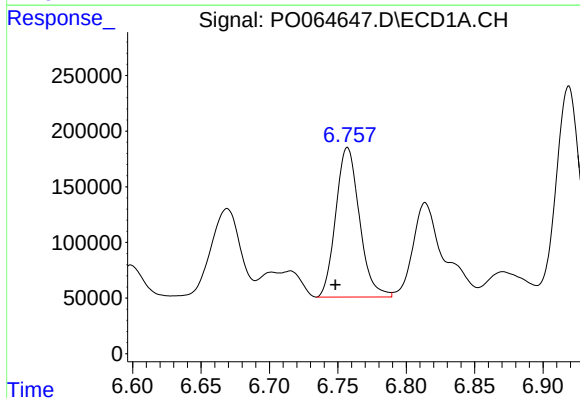
R.T.: 6.394 min
Delta R.T.: 0.007 min
Response: 1270161
Conc: 610.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



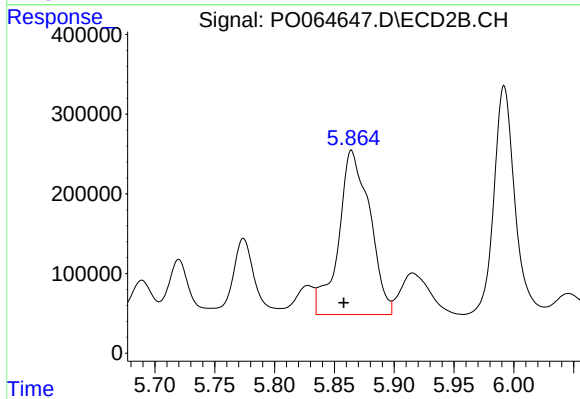
#27 AR-1254-2

R.T.: 5.464 min
Delta R.T.: 0.005 min
Response: 1542148
Conc: 845.76 ng/ml



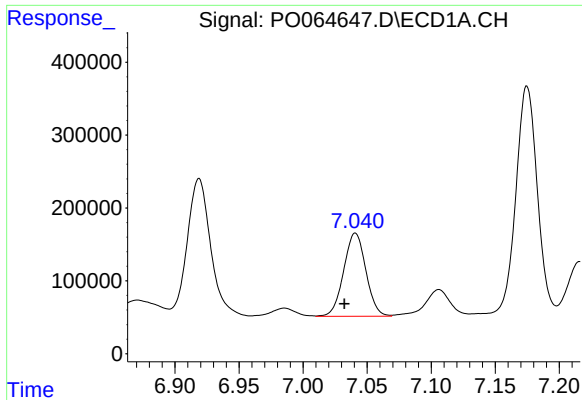
#28 AR-1254-3

R.T.: 6.757 min
Delta R.T.: 0.009 min
Response: 1618944
Conc: 678.01 ng/ml



#28 AR-1254-3

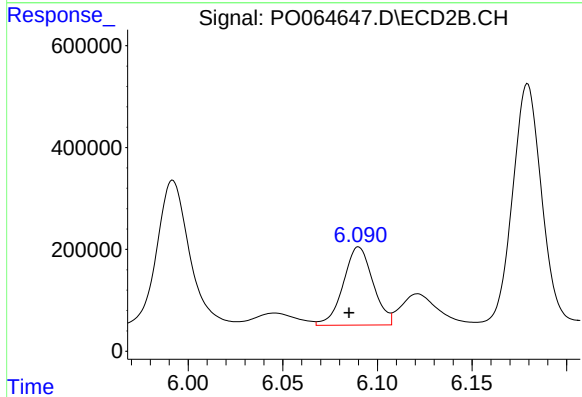
R.T.: 5.864 min
Delta R.T.: 0.007 min
Response: 3740083
Conc: 1203.98 ng/ml



#29 AR-1254-4

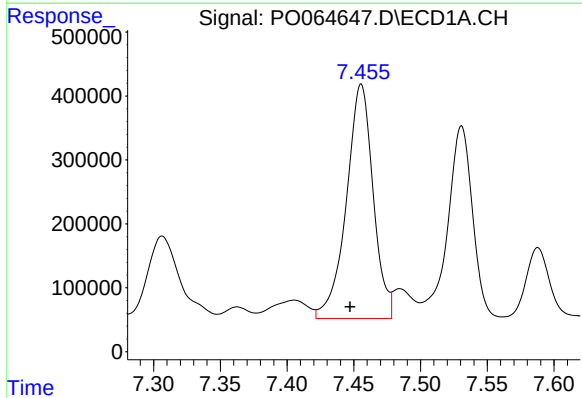
R.T.: 7.041 min
Delta R.T.: 0.008 min
Response: 1376041
Conc: 735.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



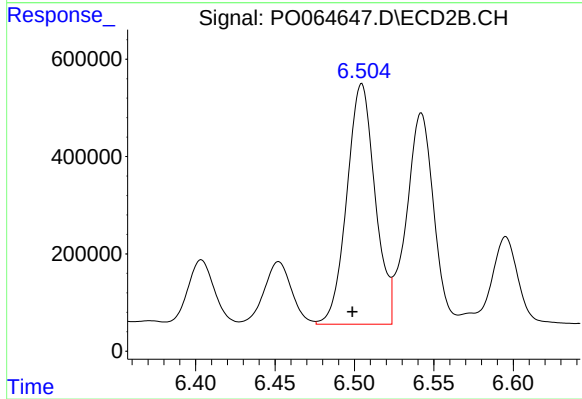
#29 AR-1254-4

R.T.: 6.090 min
Delta R.T.: 0.005 min
Response: 1673787
Conc: 814.88 ng/ml



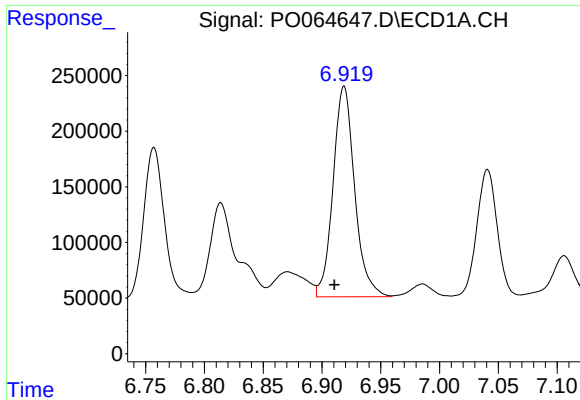
#30 AR-1254-5

R.T.: 7.456 min
Delta R.T.: 0.008 min
Response: 5118151
Conc: 2432.55 ng/ml



#30 AR-1254-5

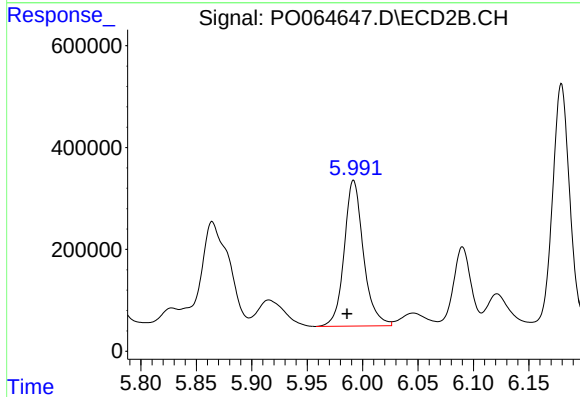
R.T.: 6.505 min
Delta R.T.: 0.006 min
Response: 6112854
Conc: 2047.94 ng/ml



#31 AR-1260-1

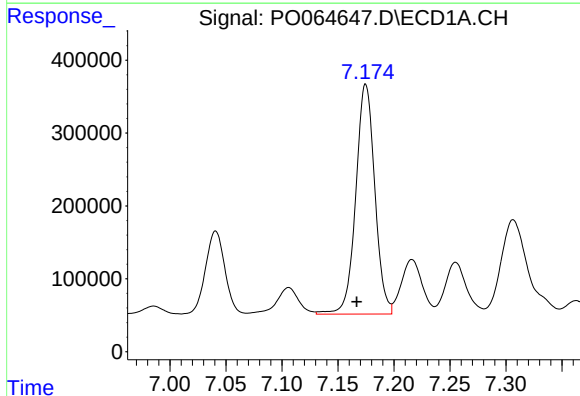
R.T.: 6.919 min
Delta R.T.: 0.008 min
Response: 2419074
Conc: 1574.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



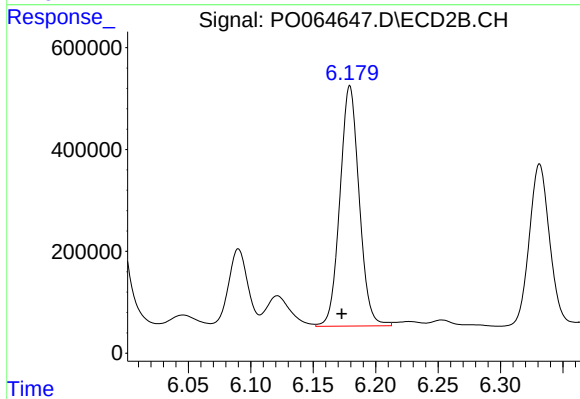
#31 AR-1260-1

R.T.: 5.992 min
Delta R.T.: 0.006 min
Response: 3464666
Conc: 1876.34 ng/ml



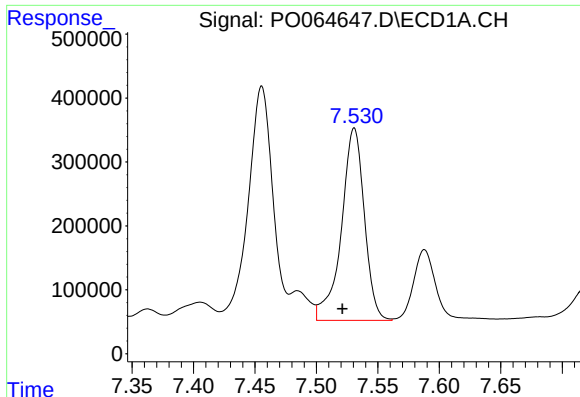
#32 AR-1260-2

R.T.: 7.175 min
Delta R.T.: 0.008 min
Response: 3735196
Conc: 1892.20 ng/ml



#32 AR-1260-2

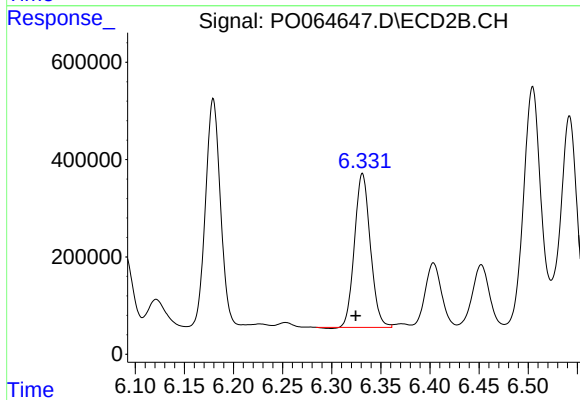
R.T.: 6.179 min
Delta R.T.: 0.006 min
Response: 5070835
Conc: 2179.50 ng/ml



#33 AR-1260-3

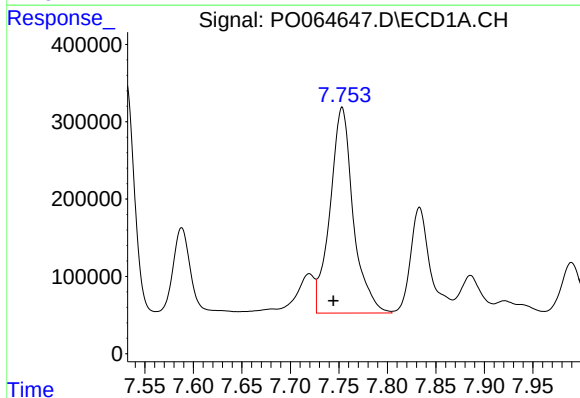
R.T.: 7.531 min
Delta R.T.: 0.010 min
Response: 3924940
Conc: 2612.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



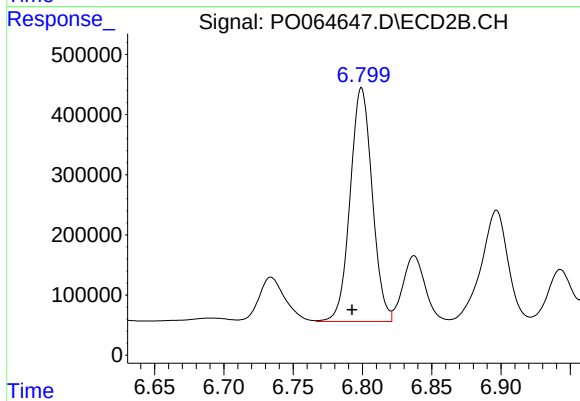
#33 AR-1260-3

R.T.: 6.331 min
Delta R.T.: 0.007 min
Response: 3548065
Conc: 1675.73 ng/ml



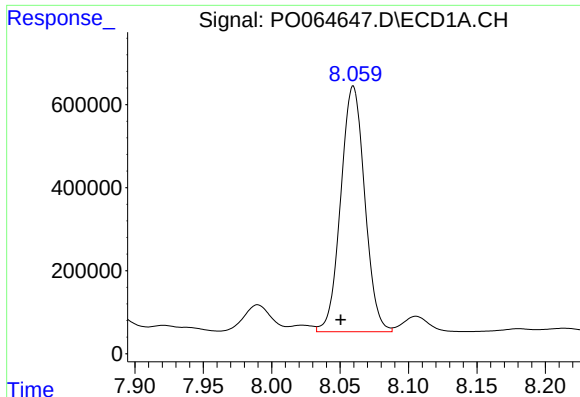
#34 AR-1260-4

R.T.: 7.753 min
Delta R.T.: 0.009 min
Response: 4426892
Conc: 2396.51 ng/ml



#34 AR-1260-4

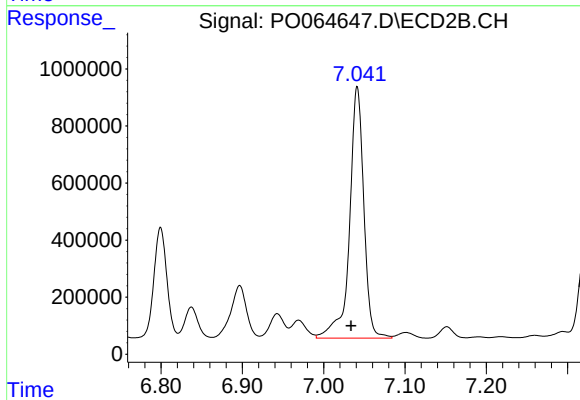
R.T.: 6.799 min
Delta R.T.: 0.007 min
Response: 4311233
Conc: 2288.46 ng/ml



#35 AR-1260-5

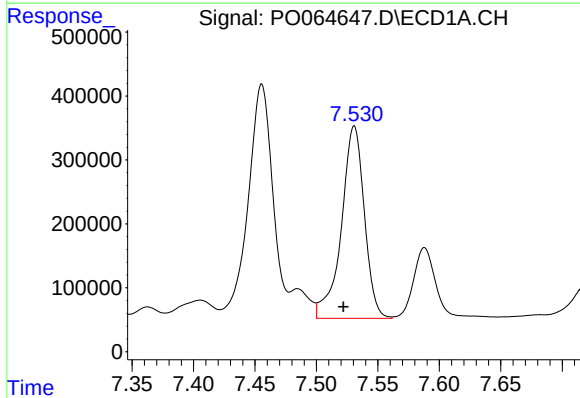
R.T.: 8.060 min
Delta R.T.: 0.009 min
Response: 7227947
Conc: 1936.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



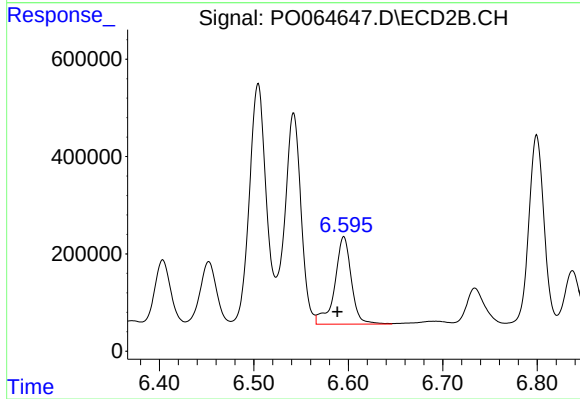
#35 AR-1260-5

R.T.: 7.041 min
Delta R.T.: 0.008 min
Response: 10777013
Conc: 2297.86 ng/ml



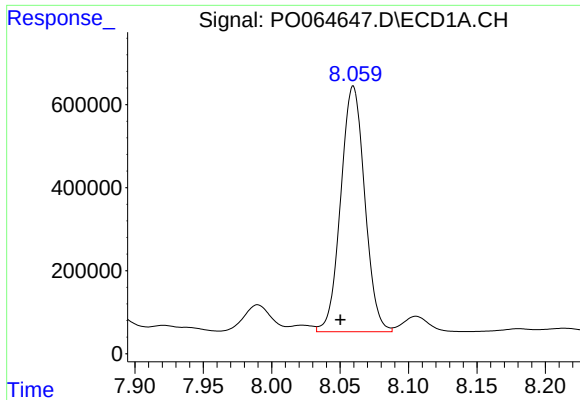
#36 AR-1262-1

R.T.: 7.531 min
Delta R.T.: 0.009 min
Response: 3924940
Conc: 1706.91 ng/ml



#36 AR-1262-1

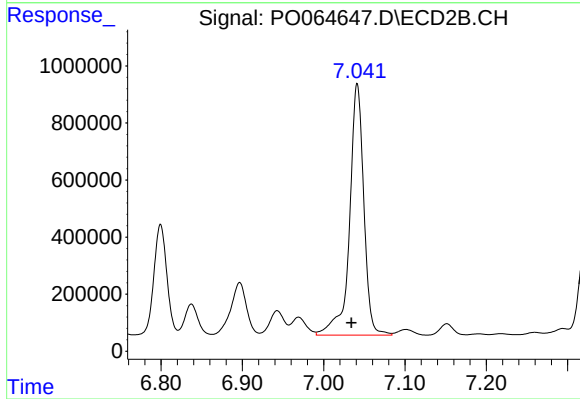
R.T.: 6.595 min
Delta R.T.: 0.007 min
Response: 2195403
Conc: 1913.62 ng/ml



#37 AR-1262-2

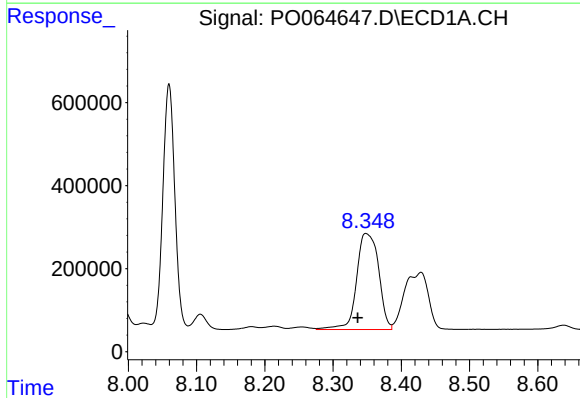
R.T.: 8.060 min
Delta R.T.: 0.009 min
Response: 7227947
Conc: 1665.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



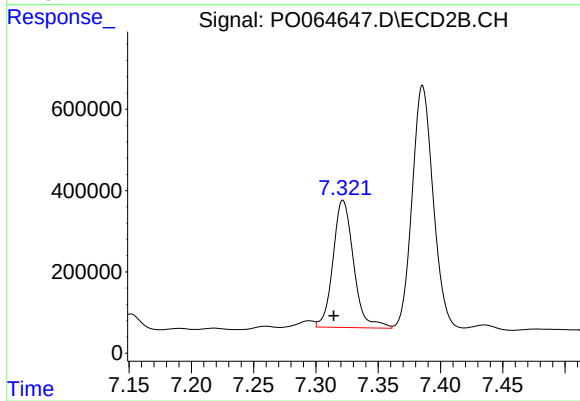
#37 AR-1262-2

R.T.: 7.041 min
Delta R.T.: 0.007 min
Response: 10777013
Conc: 1972.25 ng/ml



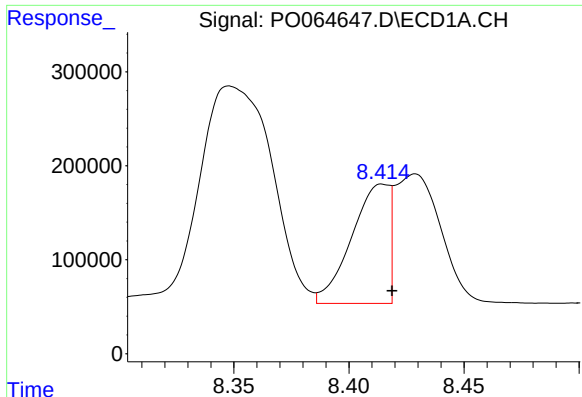
#38 AR-1262-3

R.T.: 8.348 min
Delta R.T.: 0.012 min
Response: 5185737
Conc: 1782.05 ng/ml



#38 AR-1262-3

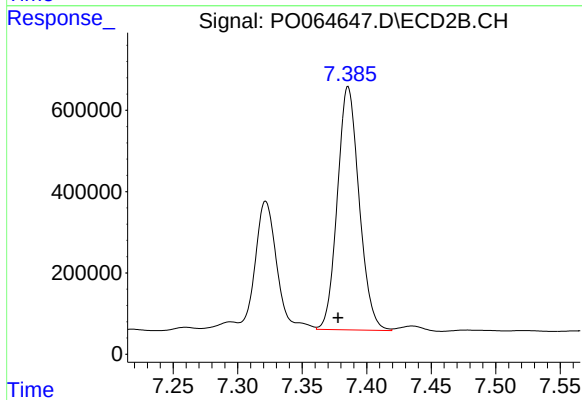
R.T.: 7.322 min
Delta R.T.: 0.007 min
Response: 3601968
Conc: 1729.38 ng/ml



#39 AR-1262-4

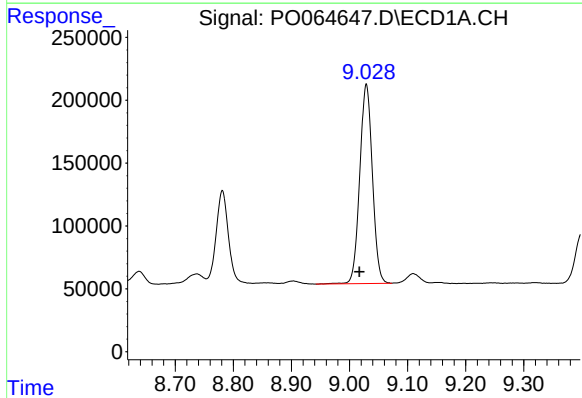
R.T.: 8.415 min
Delta R.T.: -0.004 min
Response: 1449801
Conc: 669.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



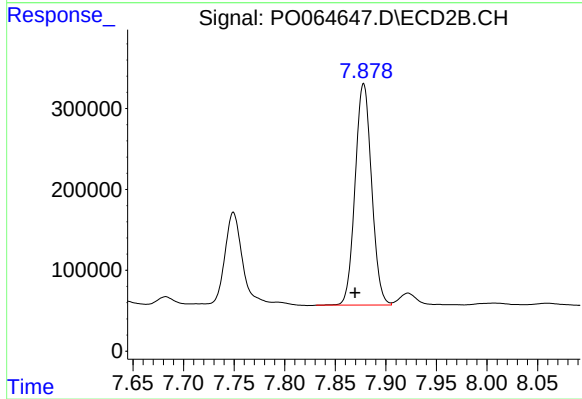
#39 AR-1262-4

R.T.: 7.386 min
Delta R.T.: 0.008 min
Response: 7029540
Conc: 1765.74 ng/ml



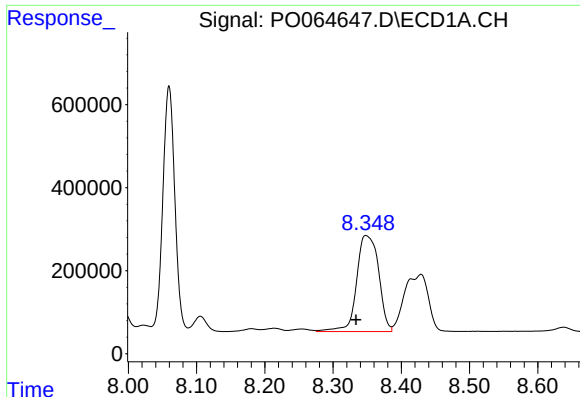
#40 AR-1262-5

R.T.: 9.029 min
Delta R.T.: 0.012 min
Response: 2397095
Conc: 1634.19 ng/ml



#40 AR-1262-5

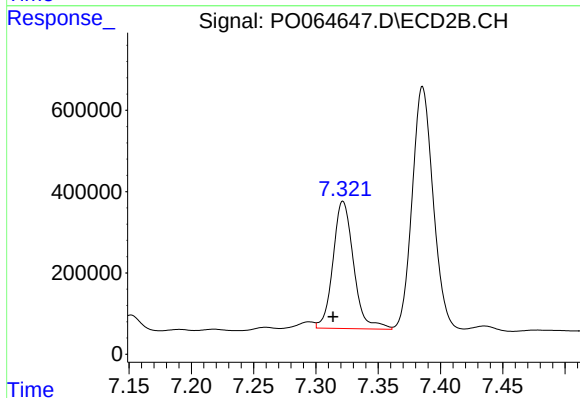
R.T.: 7.878 min
Delta R.T.: 0.008 min
Response: 3104198
Conc: 1780.36 ng/ml



#41 AR-1268-1

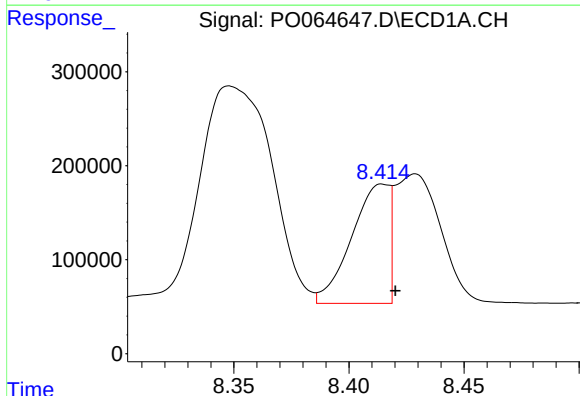
R.T.: 8.348 min
Delta R.T.: 0.015 min
Response: 5185737
Conc: 1003.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



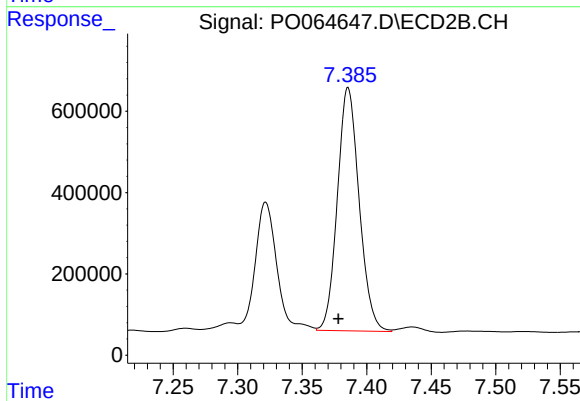
#41 AR-1268-1

R.T.: 7.322 min
Delta R.T.: 0.008 min
Response: 3601968
Conc: 563.29 ng/ml



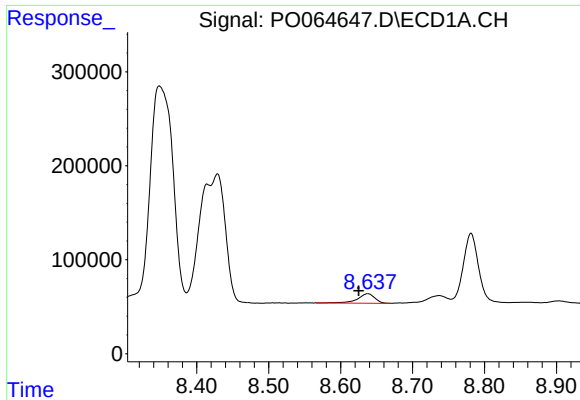
#42 AR-1268-2

R.T.: 8.415 min
Delta R.T.: -0.005 min
Response: 1449801
Conc: 308.31 ng/ml



#42 AR-1268-2

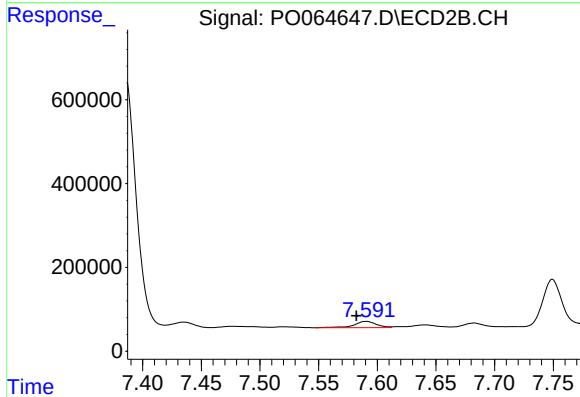
R.T.: 7.386 min
Delta R.T.: 0.007 min
Response: 7029540
Conc: 1206.07 ng/ml



#43 AR-1268-3

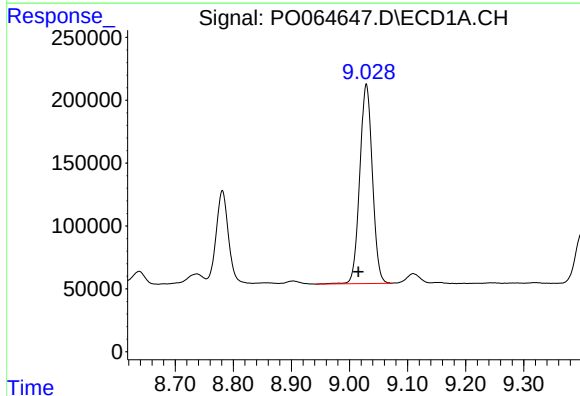
R.T.: 8.638 min
Delta R.T.: 0.013 min
Response: 169654
Conc: 44.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



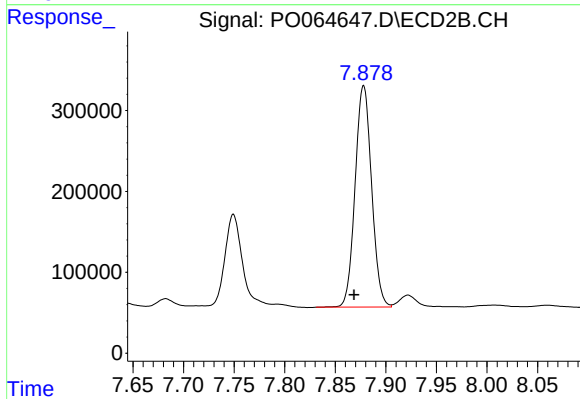
#43 AR-1268-3

R.T.: 7.591 min
Delta R.T.: 0.009 min
Response: 199330
Conc: 41.73 ng/ml



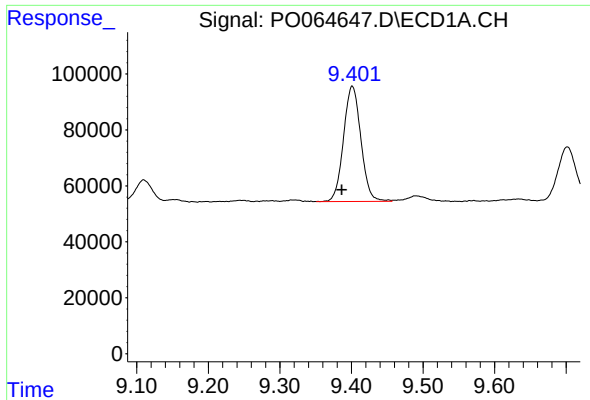
#44 AR-1268-4

R.T.: 9.029 min
Delta R.T.: 0.013 min
Response: 2397095
Conc: 1425.82 ng/ml



#44 AR-1268-4

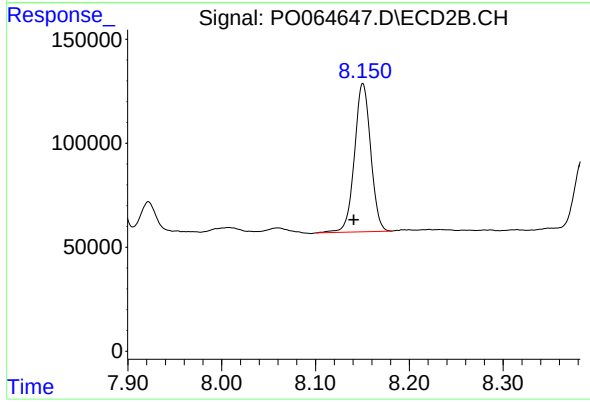
R.T.: 7.878 min
Delta R.T.: 0.010 min
Response: 3104198
Conc: 1542.16 ng/ml



#45 AR-1268-5

R.T.: 9.401 min
Delta R.T.: 0.015 min
Response: 695549
Conc: 58.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
10F



#45 AR-1268-5

R.T.: 8.151 min
Delta R.T.: 0.010 min
Response: 856079
Conc: 59.18 ng/ml