

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020119\
 Data File : P0053629.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Feb 2019 10:18
 Operator : SM/SJ
 Sample : PB116713BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 10:39:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0013019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 01 08:56:03 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...	4.101	3.163	35611337	5119655	18.271	21.345
2)	SA Decachlor...	9.491	7.772	20508287	5686072	21.042	22.772
Target Compounds							
3)	L1 AR-1016-1	5.241	4.141	9824527	2216622	218.192	251.947
4)	L1 AR-1016-2	5.261	4.155	14418930	3378951	213.967	239.348
5)	L1 AR-1016-3	5.321	4.313	8728979	1800293	219.943	228.106
6)	L1 AR-1016-4	5.419	4.355	7434286	1358319	233.600	259.749
7)	L1 AR-1016-5	5.703	4.546	6531855	1795664	232.811	247.005
9)	L2 AR-1221-2	4.397	3.434	1411006	262873	117.896	147.345
10)	L2 AR-1221-3	4.471	3.501	5478903	1067133	139.105	169.462
11)	L3 AR-1232-1	4.471	3.501	5478903	1067133	170.600	199.283
12)	L3 AR-1232-2	4.979	4.155	7111731	3378951	467.453	532.054
13)	L3 AR-1232-3	5.261	4.313	14418930	1800293	492.137	510.171
14)	L3 AR-1232-4	5.419	4.391	7434286	1653438	525.185	646.071
15)	L3 AR-1232-5	5.504	4.546	5545988	1795664	692.139	571.111
16)	L4 AR-1242-1	5.241	4.141	9824527	2216622	269.090	291.819
17)	L4 AR-1242-2	5.261	4.155	14418930	3378951	271.791	291.024
18)	L4 AR-1242-3	5.321	4.313	8728979	1800293	276.229	286.844
19)	L4 AR-1242-4	5.419	4.391	7434286	1653438	290.112	308.303
20)	L4 AR-1242-5	0.000	4.867	0	1351872	N.D.	177.416 #
21)	L5 AR-1248-1	5.241	4.141	9824527	2216622	359.018	386.810
22)	L5 AR-1248-2	5.504	4.355	5545988	1358319	168.333	179.062
23)	L5 AR-1248-3	5.703	4.391	6531855	1653438	170.611	211.032
24)	L5 AR-1248-4	6.069	4.546	3677453	1795664	87.620	180.857 #
25)	L5 AR-1248-5	0.000	4.867	0	1351872	N.D.	130.558 #
26)	L6 AR-1254-1	6.069	4.867	3677453	1351872	87.464	83.006
27)	L6 AR-1254-2	6.281	5.007	4835610	1352682	74.085	98.074 #
28)	L6 AR-1254-3	6.645	5.390	2449300	2435845	35.775	111.437 #
29)	L6 AR-1254-4	6.923	5.599	1648025	271955	32.335	19.159 #
30)	L6 AR-1254-5	7.336	5.987	15235797	4612604	318.308	246.933
31)	L7 AR-1260-1	6.799	5.498	10585156	3464129	217.159	227.500
32)	L7 AR-1260-2	7.053	5.682	13225314	4212802	212.814	227.208
33)	L7 AR-1260-3	7.404	5.818	8721812	3814888	222.967	223.162
34)	L7 AR-1260-4	7.629	6.264	9131861	2634273	211.329	239.211
35)	L7 AR-1260-5	7.933	6.505	19115327	6089318	209.990	223.617
36)	L8 AR-1262-1	7.404	6.021	8721812	3054620	127.116	154.238
37)	L8 AR-1262-2	7.933	6.505	19115327	6089318	158.651	179.302
38)	L8 AR-1262-3	8.230	6.768	7565979	1301031	306.801	100.078 #
39)	L8 AR-1262-4	8.274	6.831	7143124	4427803	115.234	180.903 #
40)	L8 AR-1262-5	8.868	7.315	4851689	1403945	114.871	125.593
41)	L9 AR-1268-1	8.204	6.768	4034576	1301031	27.230	33.694
42)	L9 AR-1268-2	8.274	6.831	7143124	4427803	50.896	121.084 #

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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
44) L9	AR-1268-4	8.868	7.315	4851689	1403945	102.055	112.732
45) L9	AR-1268-5	9.217	7.571	1625309	509156	4.335	5.428 #

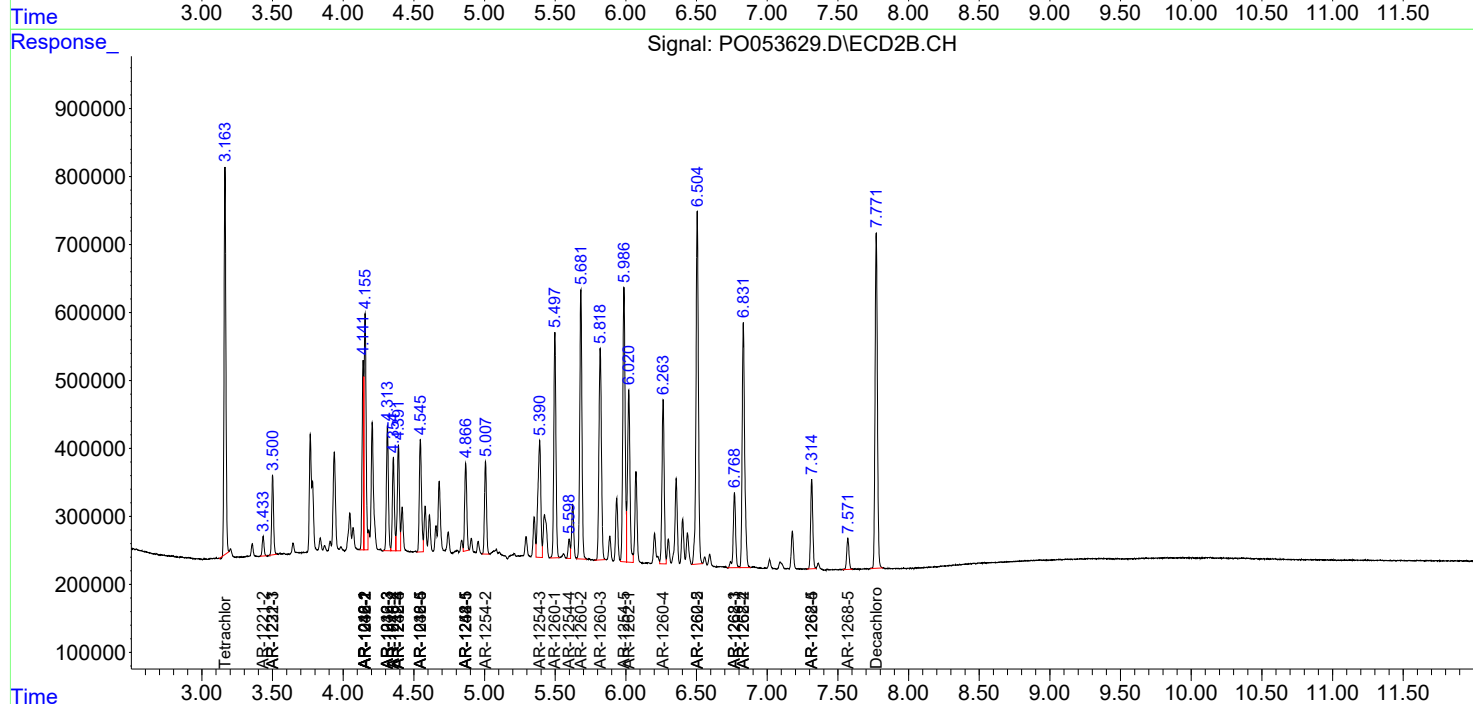
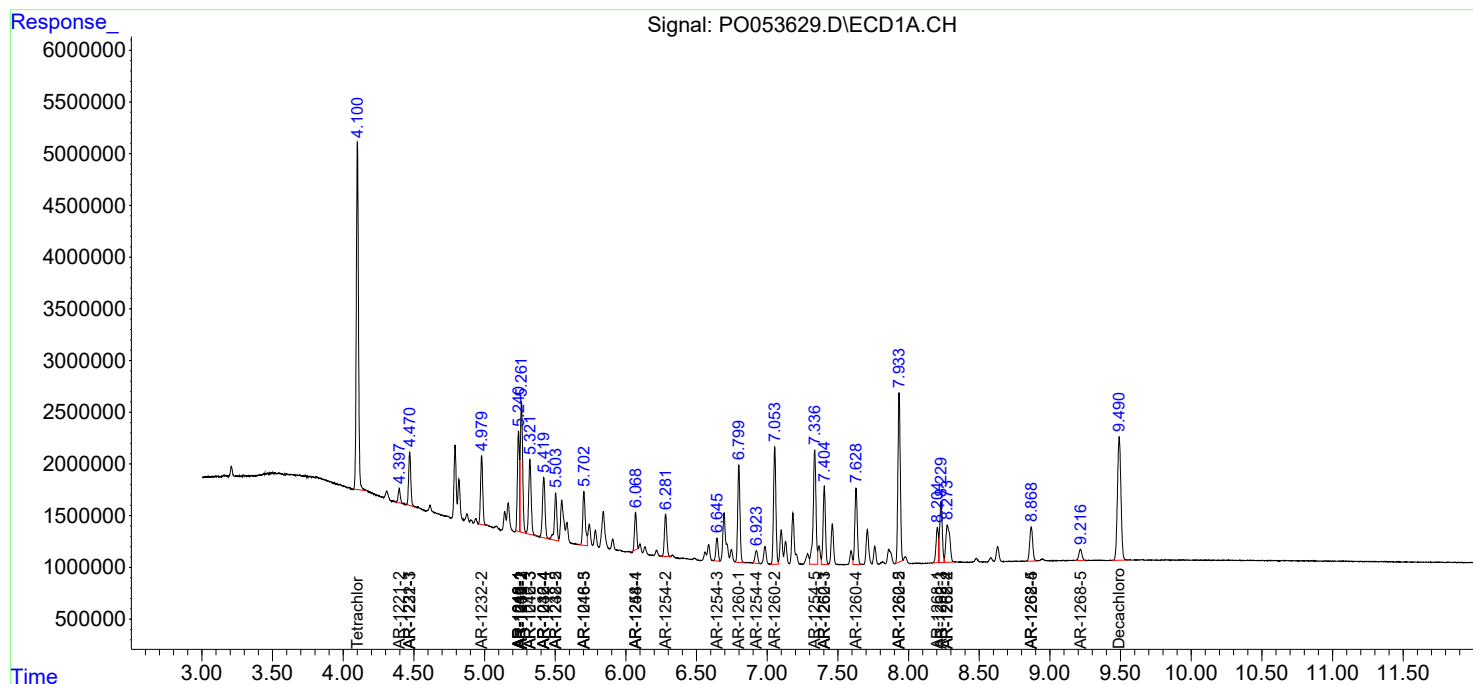
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

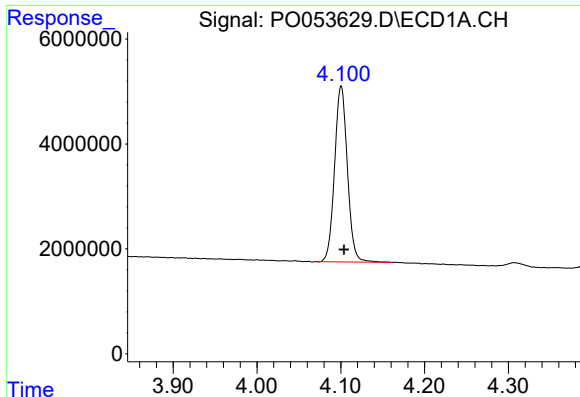
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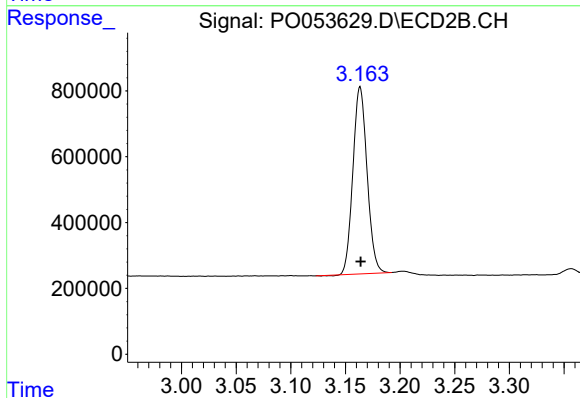




#1 Tetrachloro-m-xylene

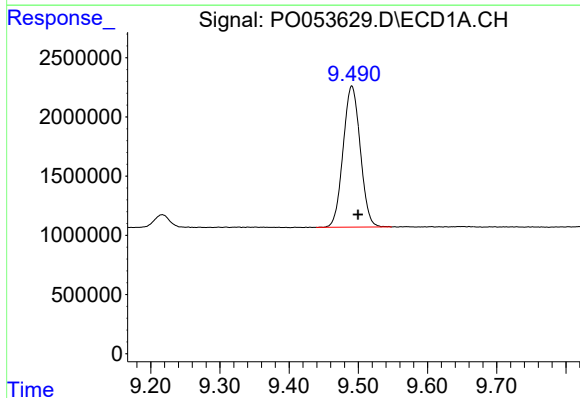
R.T.: 4.101 min
Delta R.T.: -0.003 min
Response: 35611337
Conc: 18.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



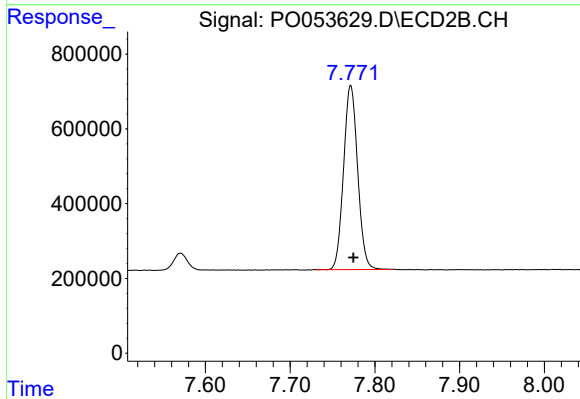
#1 Tetrachloro-m-xylene

R.T.: 3.163 min
Delta R.T.: 0.000 min
Response: 5119655
Conc: 21.35 ng/ml



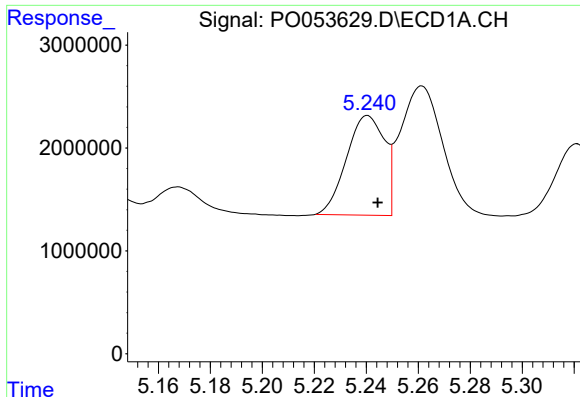
#2 Decachlorobiphenyl

R.T.: 9.491 min
Delta R.T.: -0.009 min
Response: 20508287
Conc: 21.04 ng/ml



#2 Decachlorobiphenyl

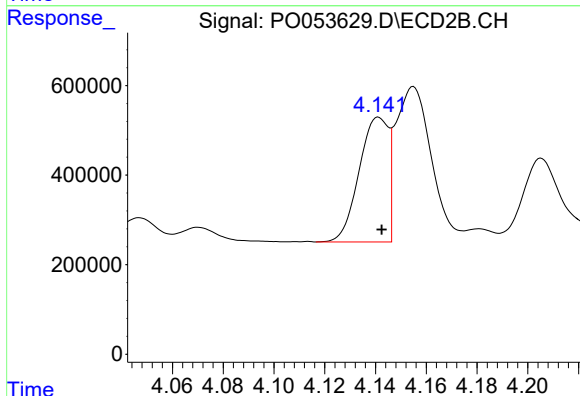
R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 5686072
Conc: 22.77 ng/ml



#3 AR-1016-1

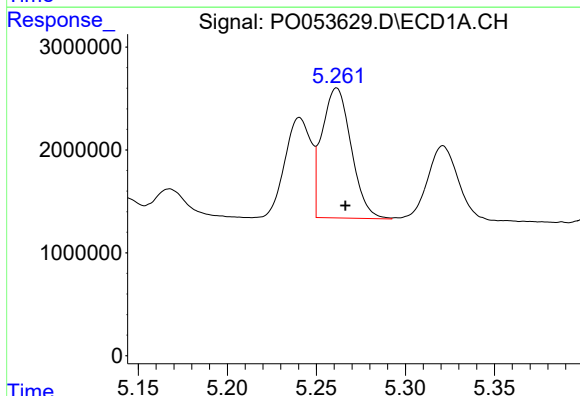
R.T.: 5.241 min
Delta R.T.: -0.004 min
Response: 9824527
Conc: 218.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



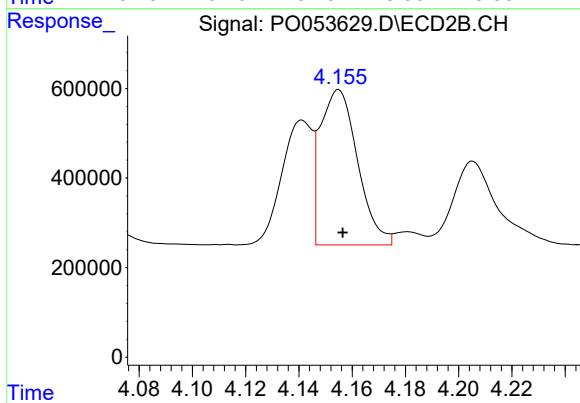
#3 AR-1016-1

R.T.: 4.141 min
Delta R.T.: -0.001 min
Response: 2216622
Conc: 251.95 ng/ml



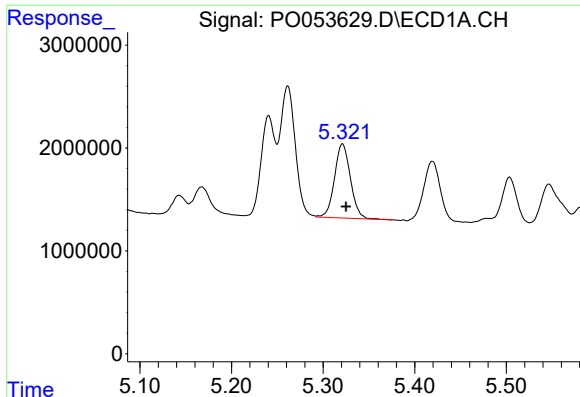
#4 AR-1016-2

R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 14418930
Conc: 213.97 ng/ml



#4 AR-1016-2

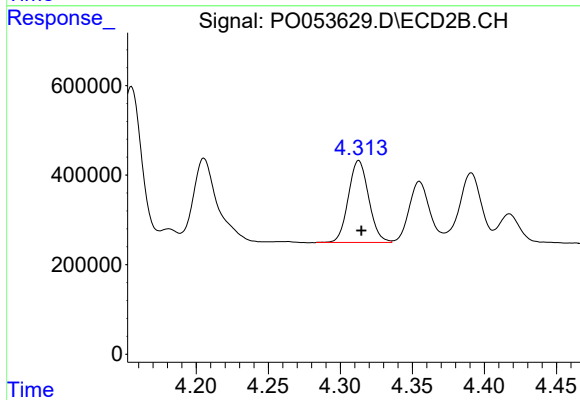
R.T.: 4.155 min
Delta R.T.: -0.002 min
Response: 3378951
Conc: 239.35 ng/ml



#5 AR-1016-3

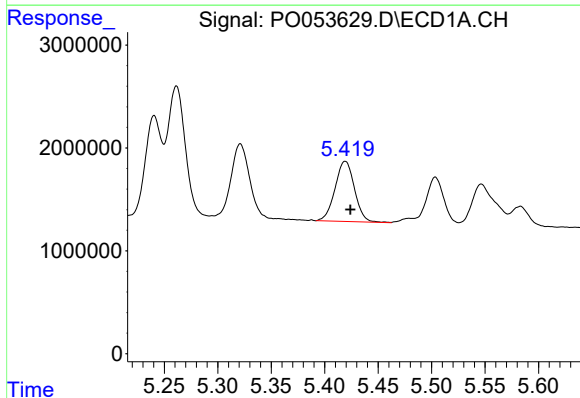
R.T.: 5.321 min
Delta R.T.: -0.004 min
Response: 8728979
Conc: 219.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



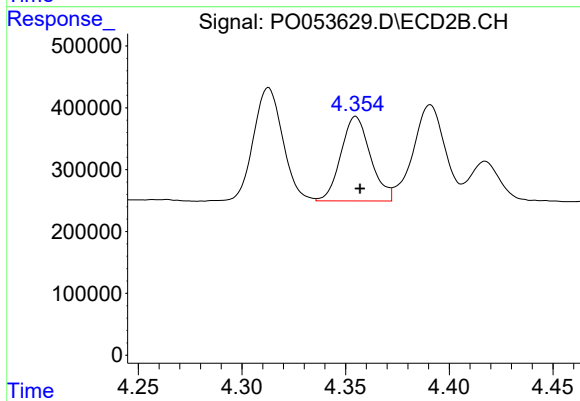
#5 AR-1016-3

R.T.: 4.313 min
Delta R.T.: -0.002 min
Response: 1800293
Conc: 228.11 ng/ml



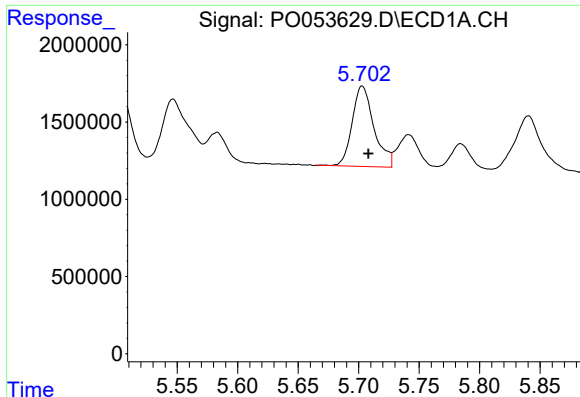
#6 AR-1016-4

R.T.: 5.419 min
Delta R.T.: -0.005 min
Response: 7434286
Conc: 233.60 ng/ml



#6 AR-1016-4

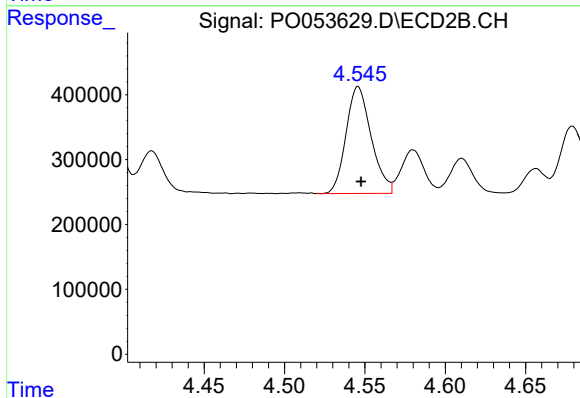
R.T.: 4.355 min
Delta R.T.: -0.002 min
Response: 1358319
Conc: 259.75 ng/ml



#7 AR-1016-5

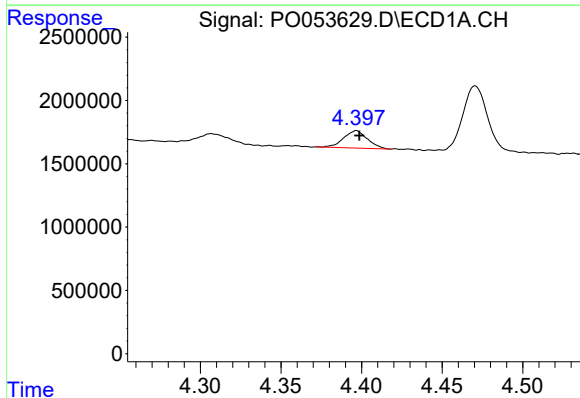
R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 6531855
Conc: 232.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



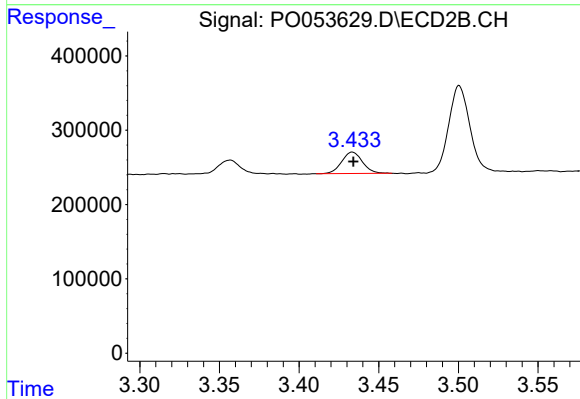
#7 AR-1016-5

R.T.: 4.546 min
Delta R.T.: -0.002 min
Response: 1795664
Conc: 247.01 ng/ml



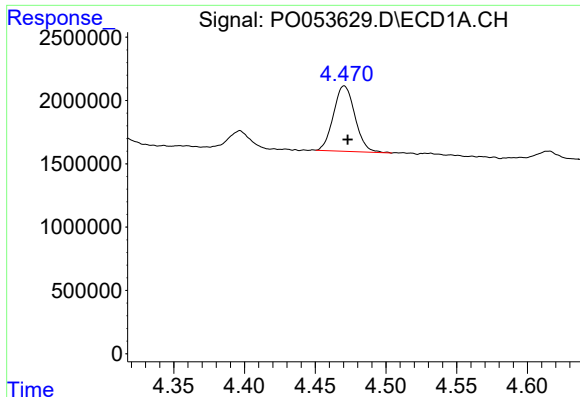
#9 AR-1221-2

R.T.: 4.397 min
Delta R.T.: -0.002 min
Response: 1411006
Conc: 117.90 ng/ml



#9 AR-1221-2

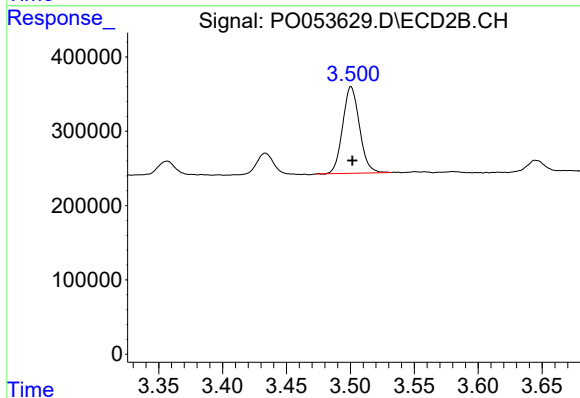
R.T.: 3.434 min
Delta R.T.: 0.000 min
Response: 262873
Conc: 147.34 ng/ml



#10 AR-1221-3

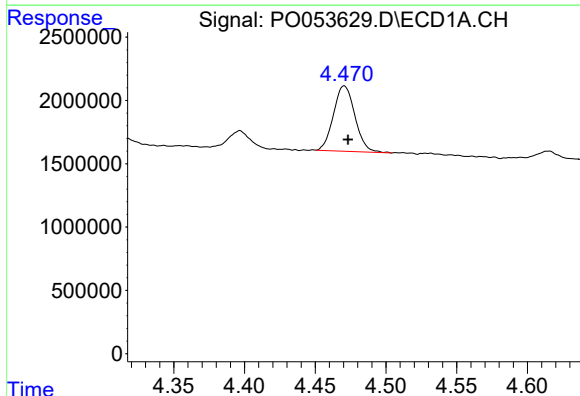
R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 5478903
Conc: 139.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



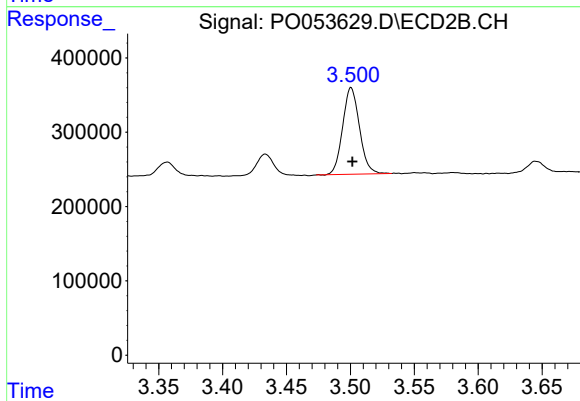
#10 AR-1221-3

R.T.: 3.501 min
Delta R.T.: -0.001 min
Response: 1067133
Conc: 169.46 ng/ml



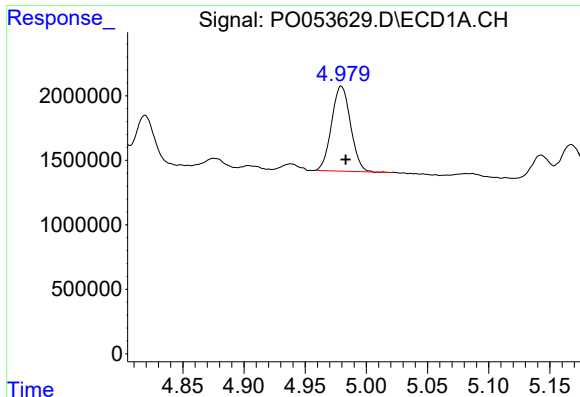
#11 AR-1232-1

R.T.: 4.471 min
Delta R.T.: -0.003 min
Response: 5478903
Conc: 170.60 ng/ml



#11 AR-1232-1

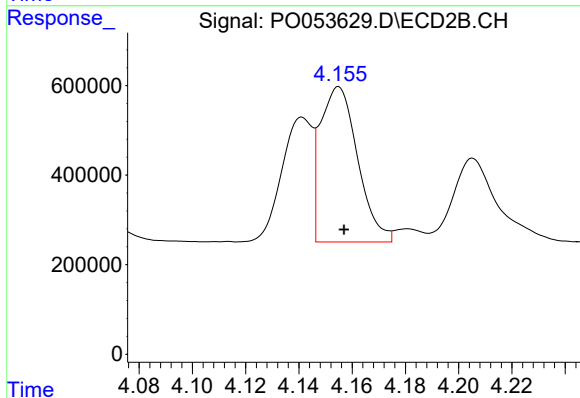
R.T.: 3.501 min
Delta R.T.: -0.001 min
Response: 1067133
Conc: 199.28 ng/ml



#12 AR-1232-2

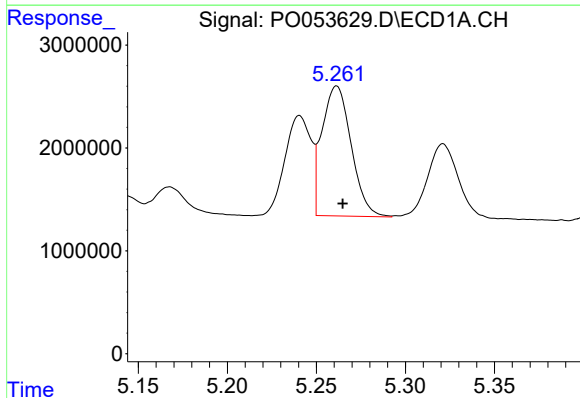
R.T.: 4.979 min
Delta R.T.: -0.004 min
Response: 7111731
Conc: 467.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



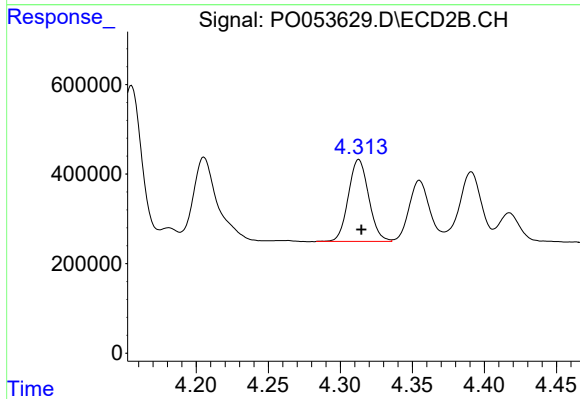
#12 AR-1232-2

R.T.: 4.155 min
Delta R.T.: -0.002 min
Response: 3378951
Conc: 532.05 ng/ml



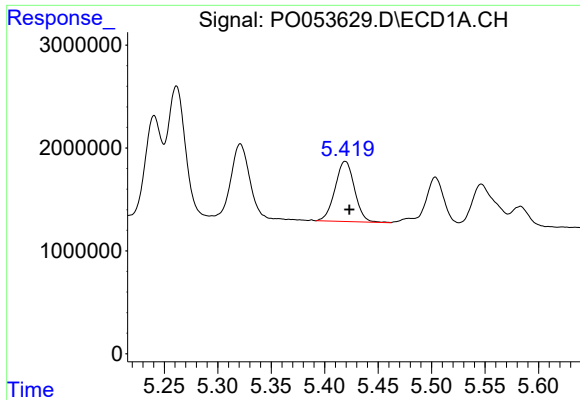
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 14418930
Conc: 492.14 ng/ml



#13 AR-1232-3

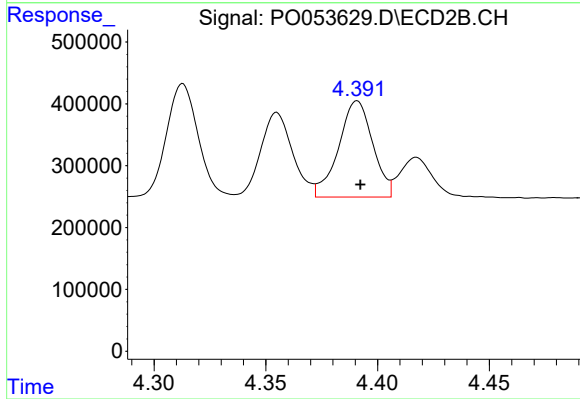
R.T.: 4.313 min
Delta R.T.: -0.002 min
Response: 1800293
Conc: 510.17 ng/ml



#14 AR-1232-4

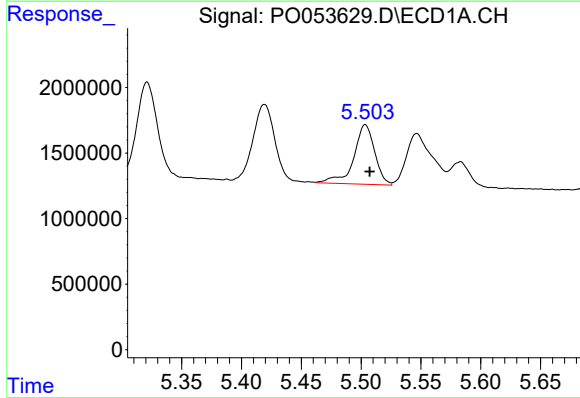
R.T.: 5.419 min
Delta R.T.: -0.004 min
Response: 7434286
Conc: 525.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



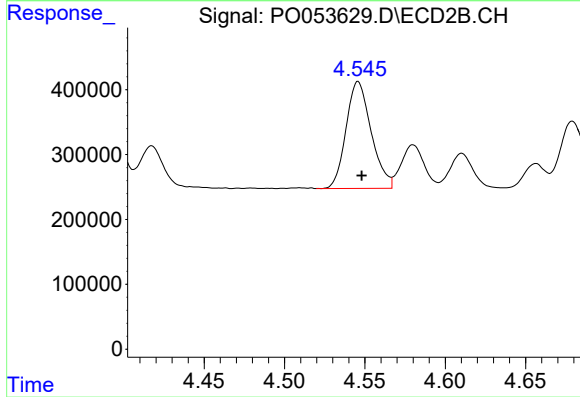
#14 AR-1232-4

R.T.: 4.391 min
Delta R.T.: -0.001 min
Response: 1653438
Conc: 646.07 ng/ml



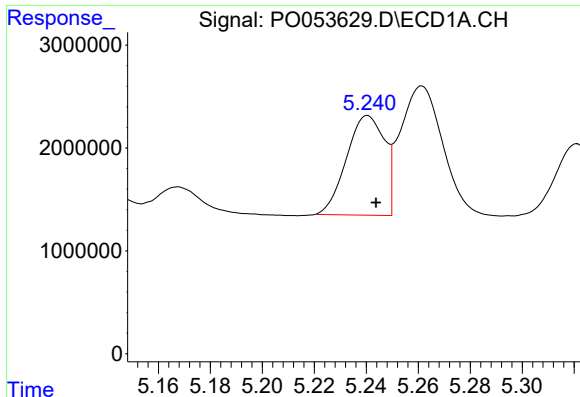
#15 AR-1232-5

R.T.: 5.504 min
Delta R.T.: -0.004 min
Response: 5545988
Conc: 692.14 ng/ml



#15 AR-1232-5

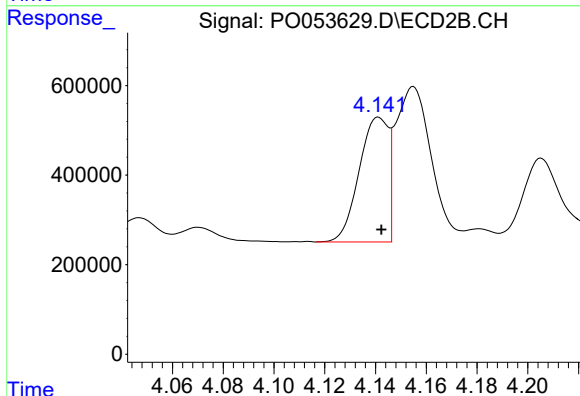
R.T.: 4.546 min
Delta R.T.: -0.002 min
Response: 1795664
Conc: 571.11 ng/ml



#16 AR-1242-1

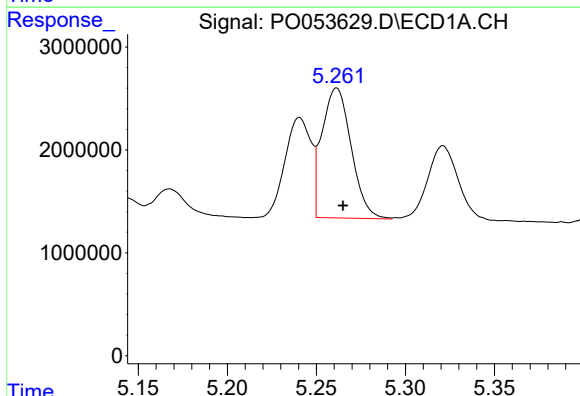
R.T.: 5.241 min
Delta R.T.: -0.003 min
Response: 9824527
Conc: 269.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



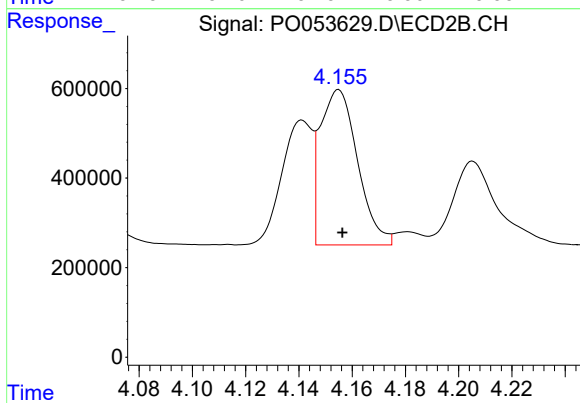
#16 AR-1242-1

R.T.: 4.141 min
Delta R.T.: -0.001 min
Response: 2216622
Conc: 291.82 ng/ml



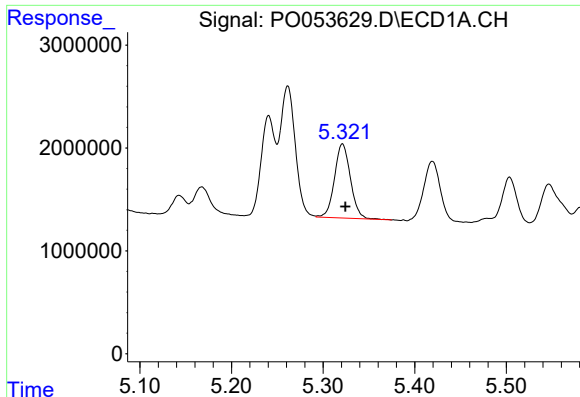
#17 AR-1242-2

R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 14418930
Conc: 271.79 ng/ml



#17 AR-1242-2

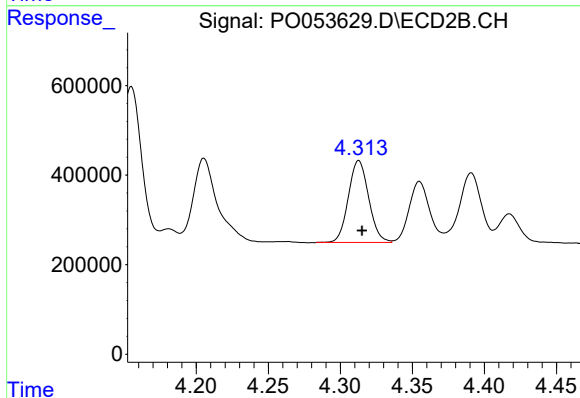
R.T.: 4.155 min
Delta R.T.: -0.001 min
Response: 3378951
Conc: 291.02 ng/ml



#18 AR-1242-3

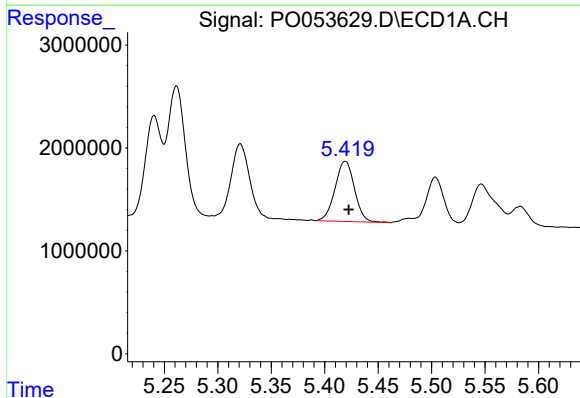
R.T.: 5.321 min
Delta R.T.: -0.003 min
Response: 8728979
Conc: 276.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



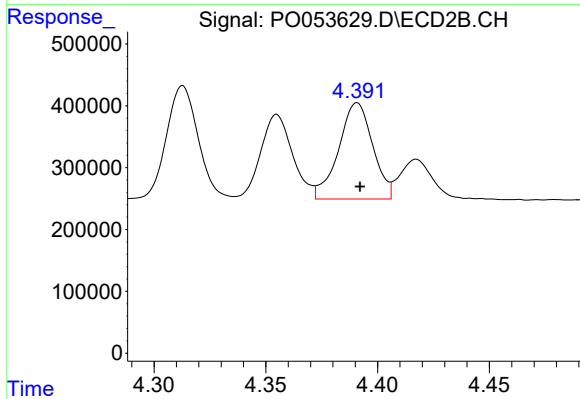
#18 AR-1242-3

R.T.: 4.313 min
Delta R.T.: -0.002 min
Response: 1800293
Conc: 286.84 ng/ml



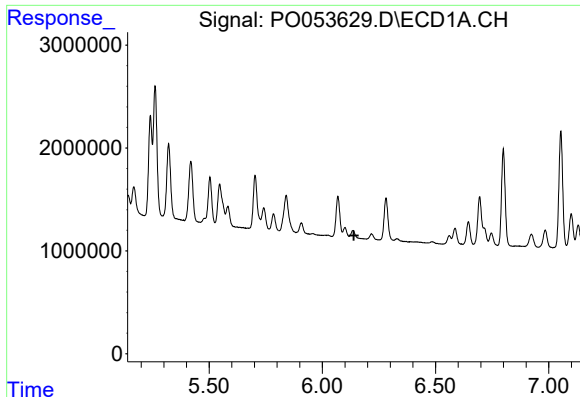
#19 AR-1242-4

R.T.: 5.419 min
Delta R.T.: -0.003 min
Response: 7434286
Conc: 290.11 ng/ml



#19 AR-1242-4

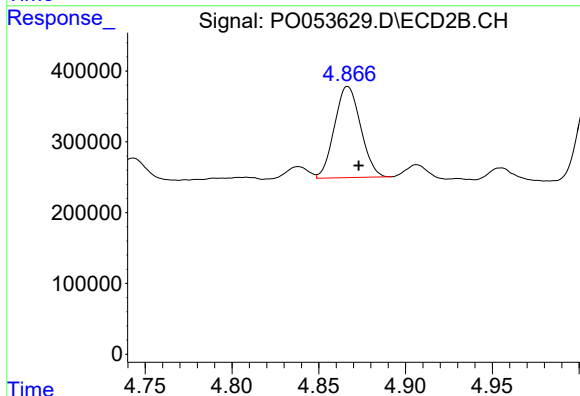
R.T.: 4.391 min
Delta R.T.: -0.001 min
Response: 1653438
Conc: 308.30 ng/ml



#20 AR-1242-5

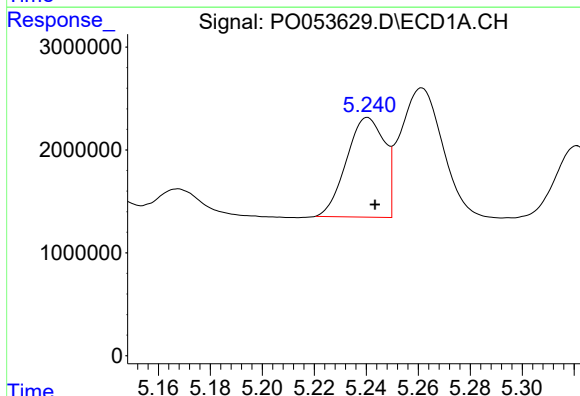
R.T.: 0.000 min
Exp R.T.: 6.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



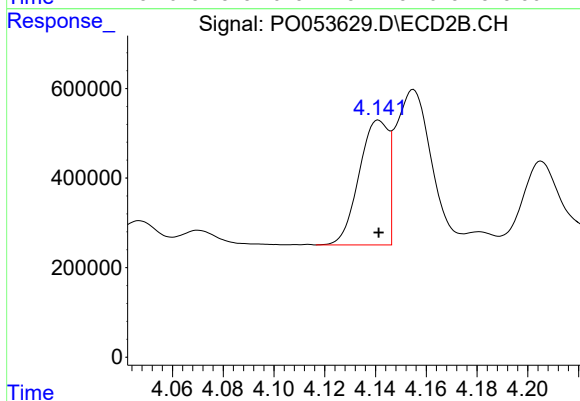
#20 AR-1242-5

R.T.: 4.867 min
Delta R.T.: -0.006 min
Response: 1351872
Conc: 177.42 ng/ml



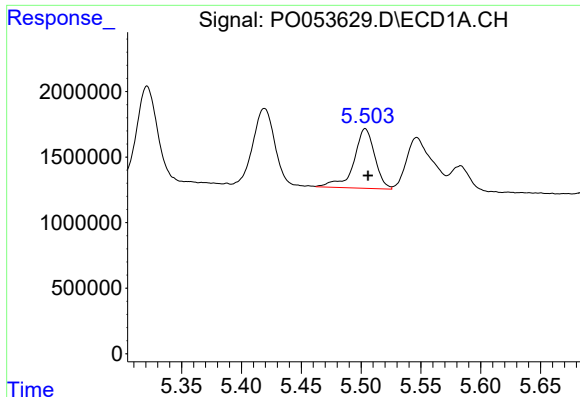
#21 AR-1248-1

R.T.: 5.241 min
Delta R.T.: -0.003 min
Response: 9824527
Conc: 359.02 ng/ml



#21 AR-1248-1

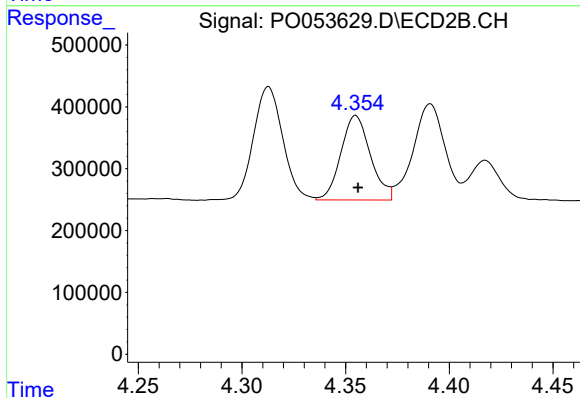
R.T.: 4.141 min
Delta R.T.: 0.000 min
Response: 2216622
Conc: 386.81 ng/ml



#22 AR-1248-2

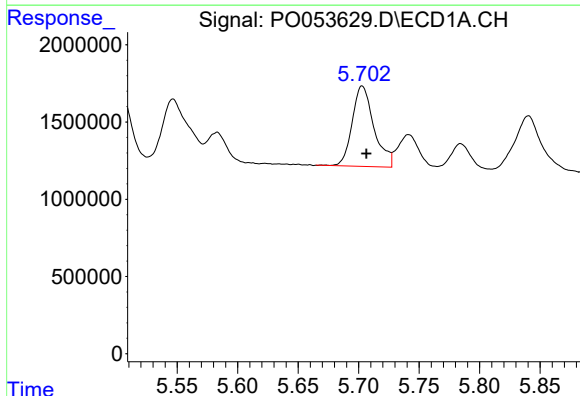
R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 5545988
Conc: 168.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



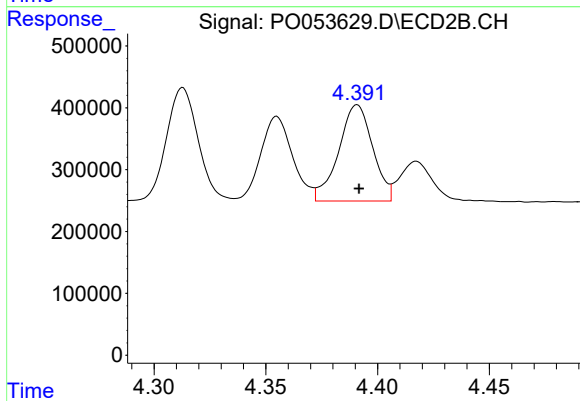
#22 AR-1248-2

R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 1358319
Conc: 179.06 ng/ml



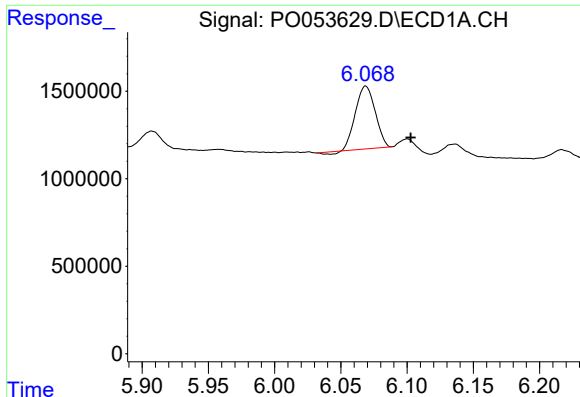
#23 AR-1248-3

R.T.: 5.703 min
Delta R.T.: -0.004 min
Response: 6531855
Conc: 170.61 ng/ml



#23 AR-1248-3

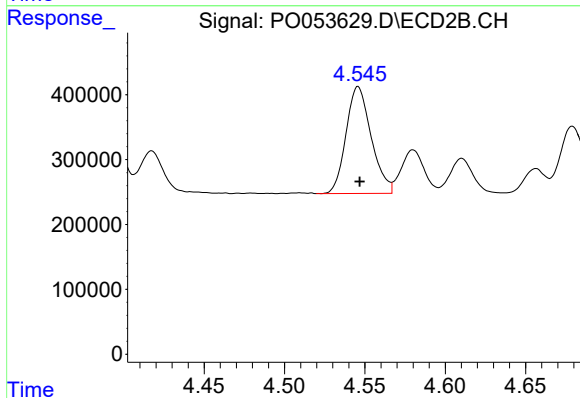
R.T.: 4.391 min
Delta R.T.: 0.000 min
Response: 1653438
Conc: 211.03 ng/ml



#24 AR-1248-4

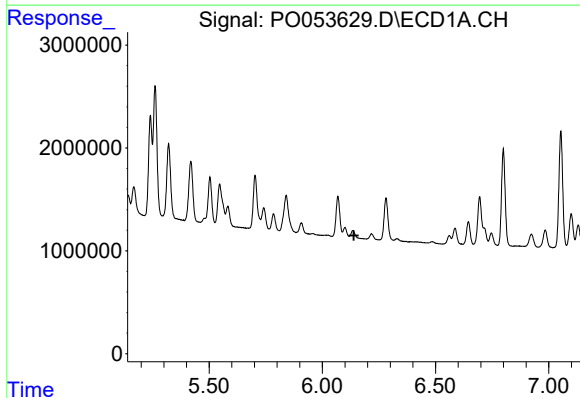
R.T.: 6.069 min
Delta R.T.: -0.034 min
Response: 3677453
Conc: 87.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



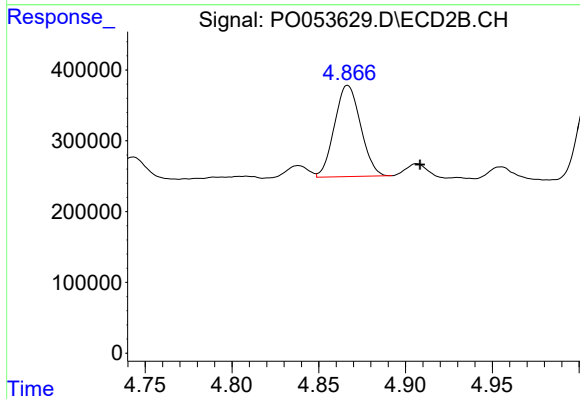
#24 AR-1248-4

R.T.: 4.546 min
Delta R.T.: -0.001 min
Response: 1795664
Conc: 180.86 ng/ml



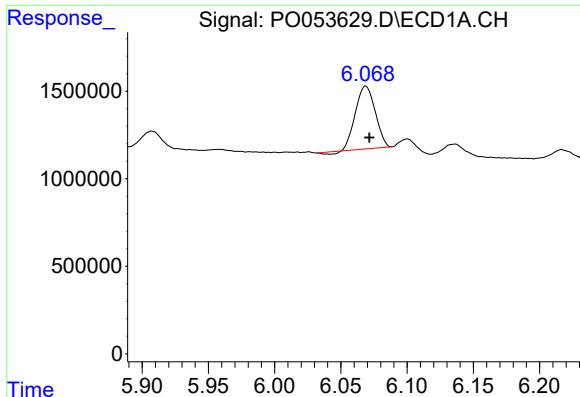
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.140 min
Response: 0
Conc: N.D.



#25 AR-1248-5

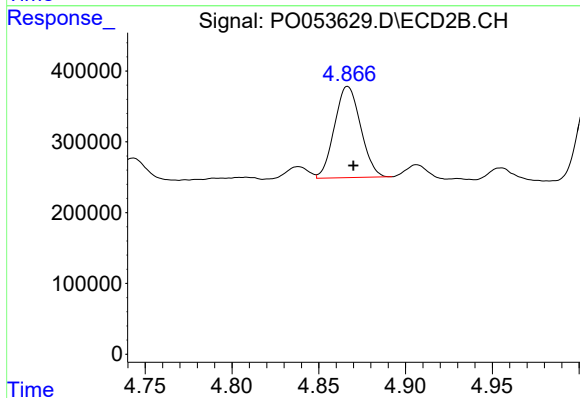
R.T.: 4.867 min
Delta R.T.: -0.042 min
Response: 1351872
Conc: 130.56 ng/ml



#26 AR-1254-1

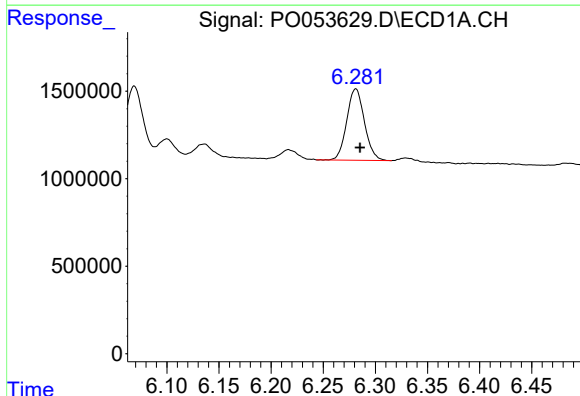
R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 3677453
Conc: 87.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



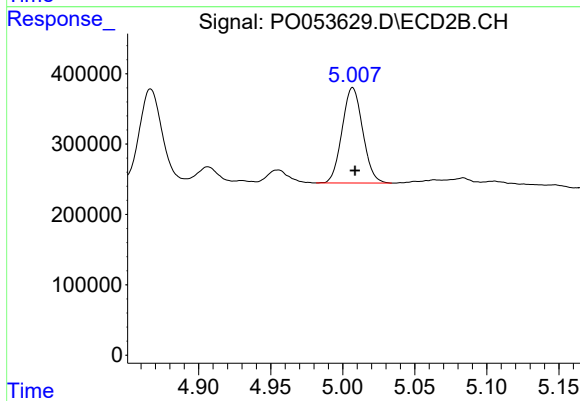
#26 AR-1254-1

R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 1351872
Conc: 83.01 ng/ml



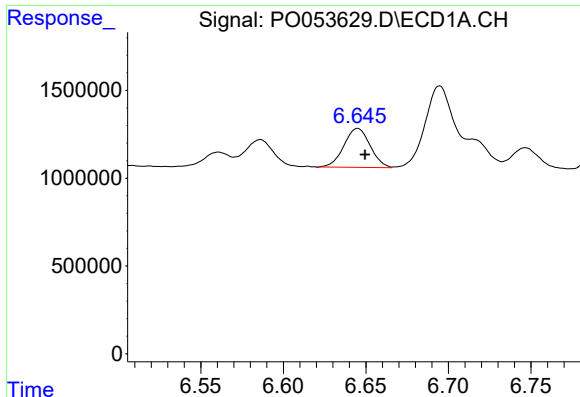
#27 AR-1254-2

R.T.: 6.281 min
Delta R.T.: -0.004 min
Response: 4835610
Conc: 74.08 ng/ml



#27 AR-1254-2

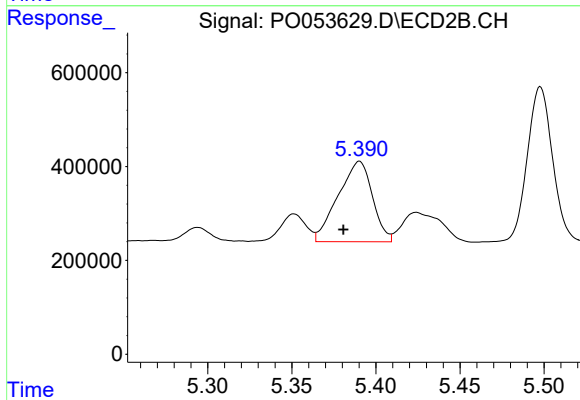
R.T.: 5.007 min
Delta R.T.: -0.002 min
Response: 1352682
Conc: 98.07 ng/ml



#28 AR-1254-3

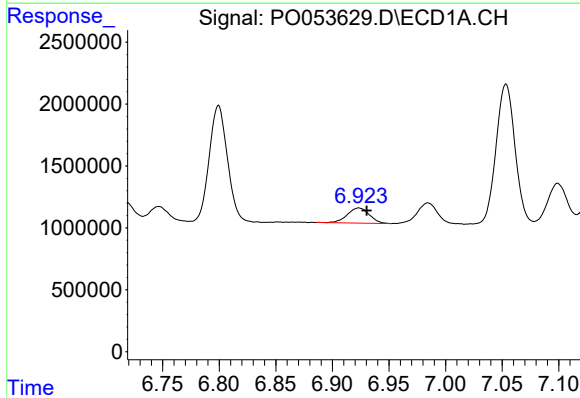
R.T.: 6.645 min
Delta R.T.: -0.004 min
Response: 2449300
Conc: 35.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



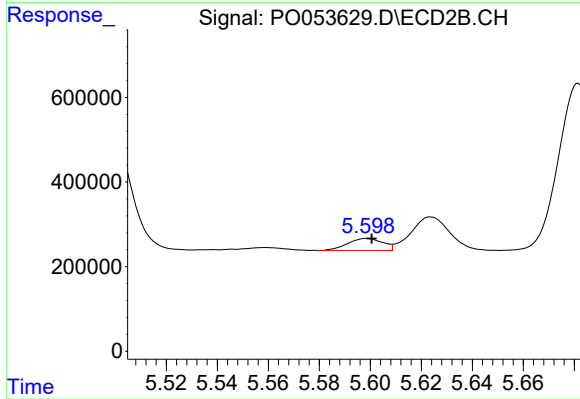
#28 AR-1254-3

R.T.: 5.390 min
Delta R.T.: 0.010 min
Response: 2435845
Conc: 111.44 ng/ml



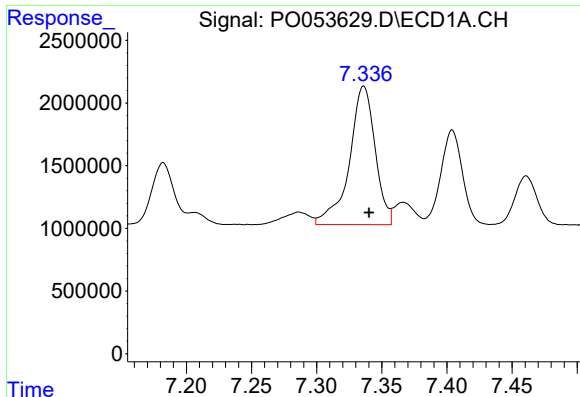
#29 AR-1254-4

R.T.: 6.923 min
Delta R.T.: -0.007 min
Response: 1648025
Conc: 32.34 ng/ml



#29 AR-1254-4

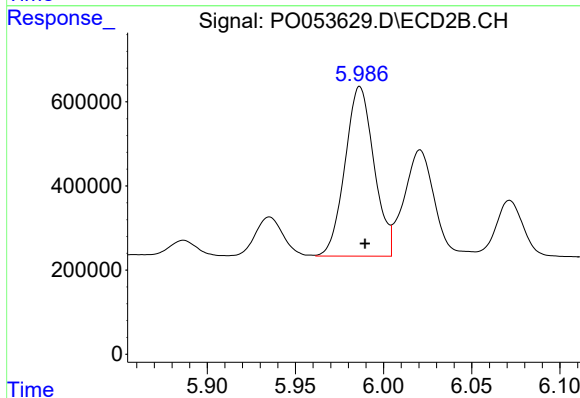
R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 271955
Conc: 19.16 ng/ml



#30 AR-1254-5

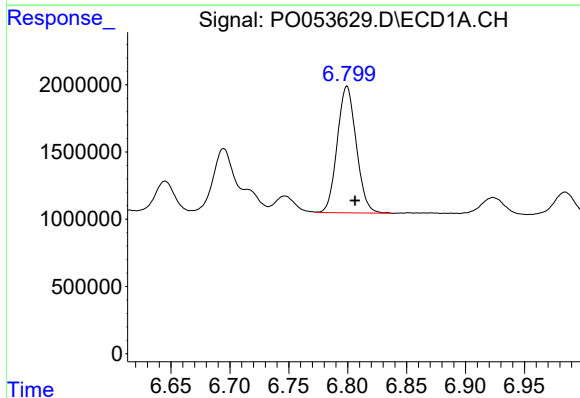
R.T.: 7.336 min
Delta R.T.: -0.004 min
Response: 15235797
Conc: 318.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



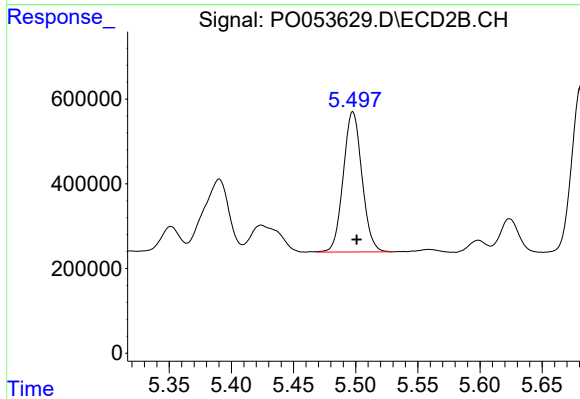
#30 AR-1254-5

R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 4612604
Conc: 246.93 ng/ml



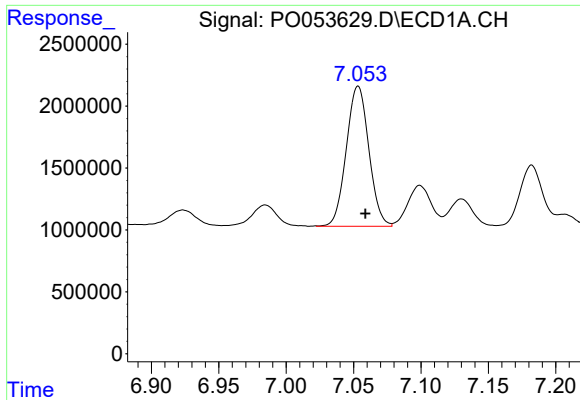
#31 AR-1260-1

R.T.: 6.799 min
Delta R.T.: -0.007 min
Response: 10585156
Conc: 217.16 ng/ml



#31 AR-1260-1

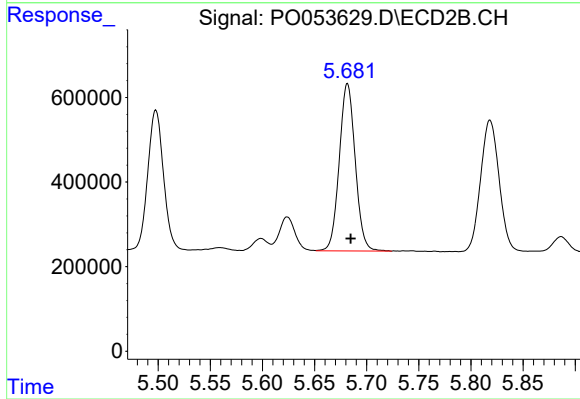
R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 3464129
Conc: 227.50 ng/ml



#32 AR-1260-2

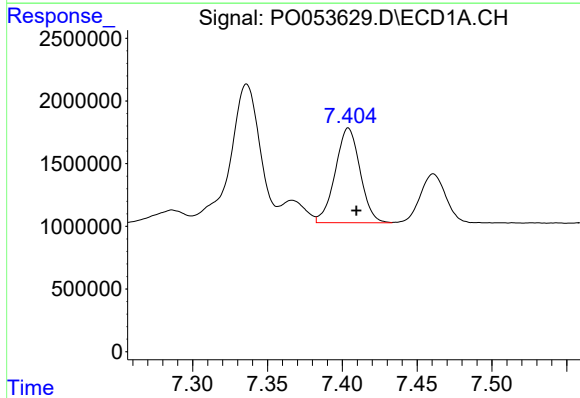
R.T.: 7.053 min
Delta R.T.: -0.006 min
Response: 13225314
Conc: 212.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



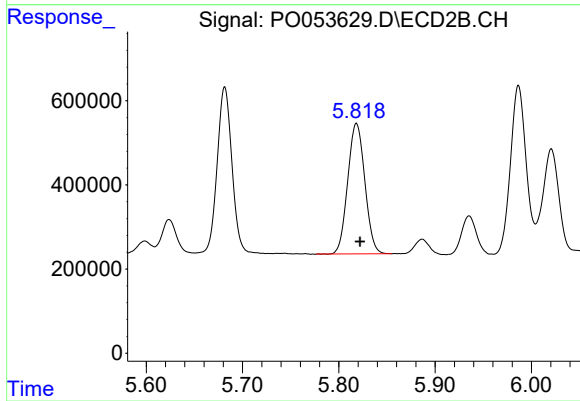
#32 AR-1260-2

R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 4212802
Conc: 227.21 ng/ml



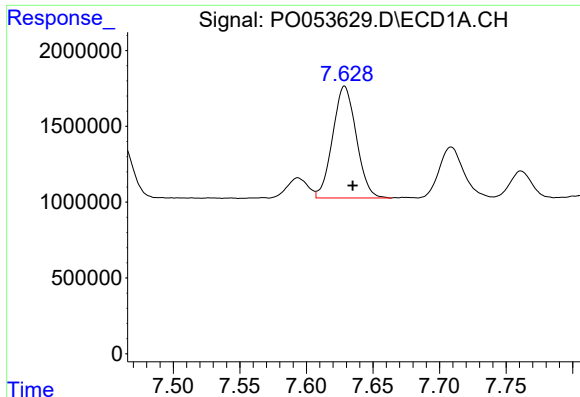
#33 AR-1260-3

R.T.: 7.404 min
Delta R.T.: -0.005 min
Response: 8721812
Conc: 222.97 ng/ml



#33 AR-1260-3

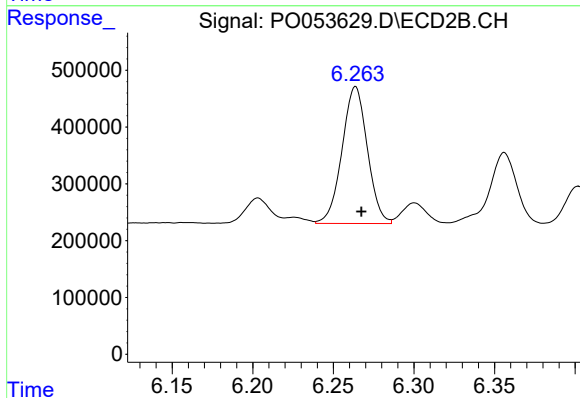
R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 3814888
Conc: 223.16 ng/ml



#34 AR-1260-4

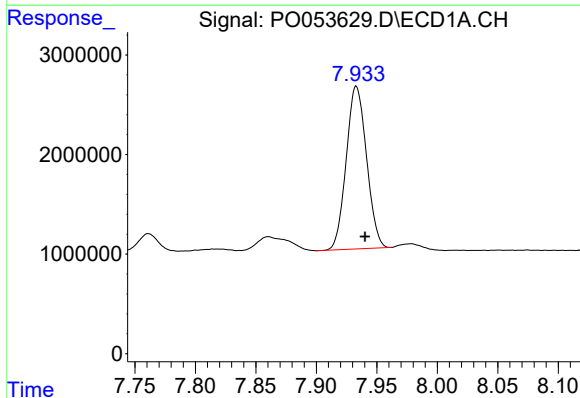
R.T.: 7.629 min
Delta R.T.: -0.006 min
Response: 9131861
Conc: 211.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



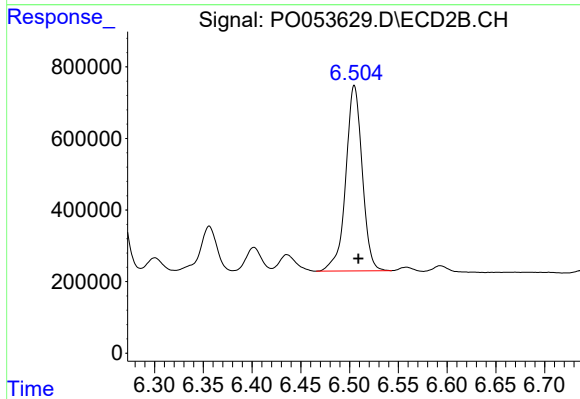
#34 AR-1260-4

R.T.: 6.264 min
Delta R.T.: -0.004 min
Response: 2634273
Conc: 239.21 ng/ml



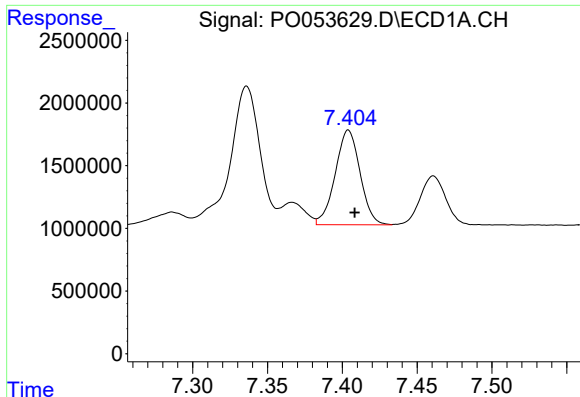
#35 AR-1260-5

R.T.: 7.933 min
Delta R.T.: -0.007 min
Response: 19115327
Conc: 209.99 ng/ml



#35 AR-1260-5

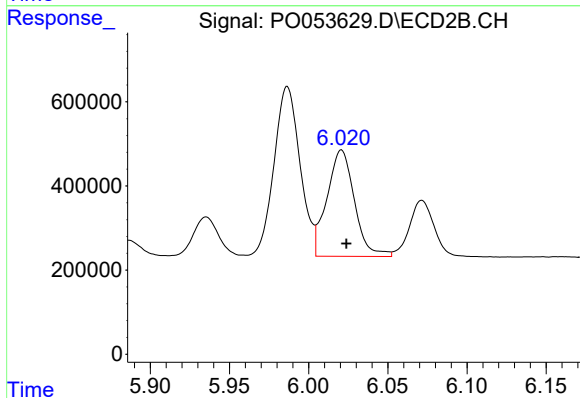
R.T.: 6.505 min
Delta R.T.: -0.004 min
Response: 6089318
Conc: 223.62 ng/ml



#36 AR-1262-1

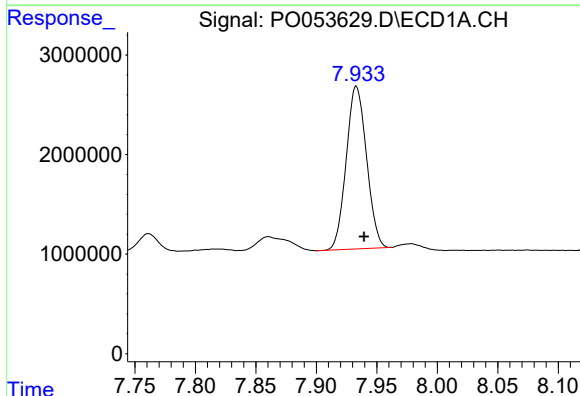
R.T.: 7.404 min
Delta R.T.: -0.004 min
Response: 8721812
Conc: 127.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



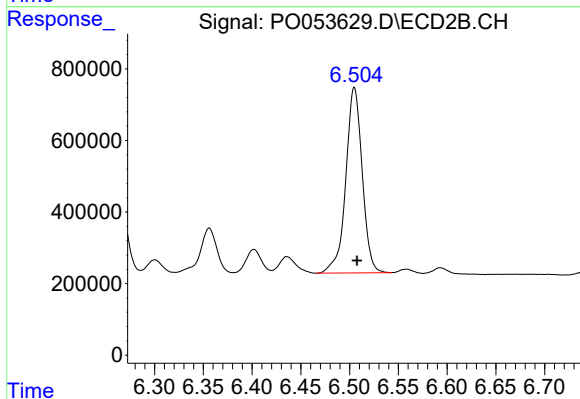
#36 AR-1262-1

R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 3054620
Conc: 154.24 ng/ml



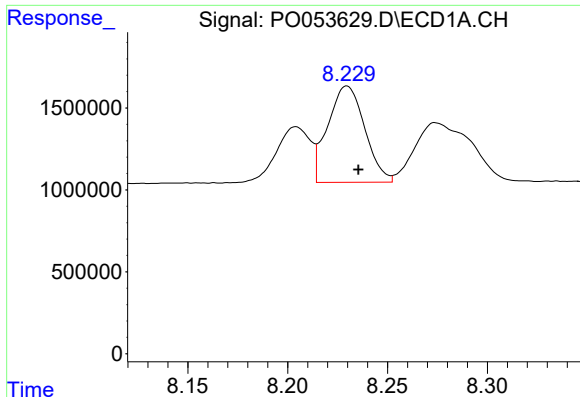
#37 AR-1262-2

R.T.: 7.933 min
Delta R.T.: -0.006 min
Response: 19115327
Conc: 158.65 ng/ml



#37 AR-1262-2

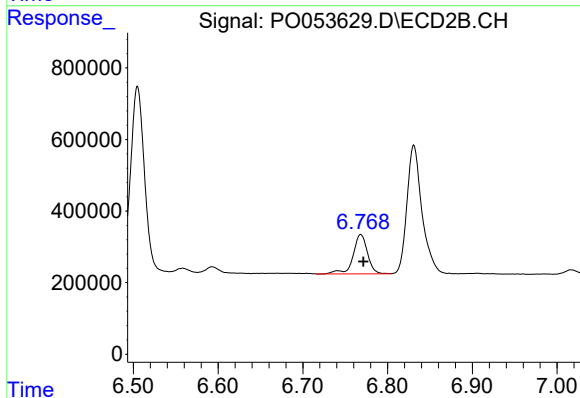
R.T.: 6.505 min
Delta R.T.: -0.003 min
Response: 6089318
Conc: 179.30 ng/ml



#38 AR-1262-3

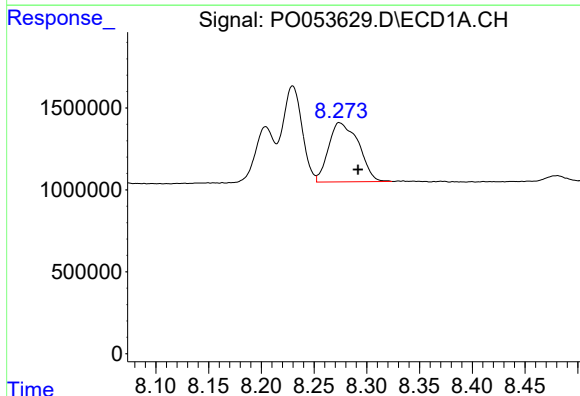
R.T.: 8.230 min
Delta R.T.: -0.006 min
Response: 7565979
Conc: 306.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



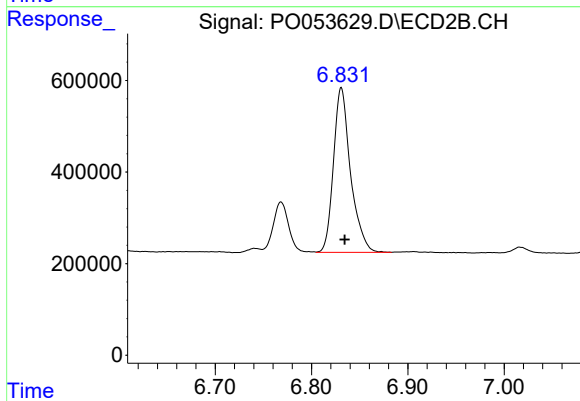
#38 AR-1262-3

R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 1301031
Conc: 100.08 ng/ml



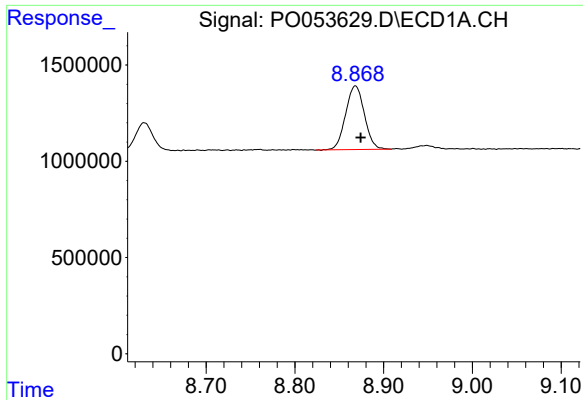
#39 AR-1262-4

R.T.: 8.274 min
Delta R.T.: -0.018 min
Response: 7143124
Conc: 115.23 ng/ml



#39 AR-1262-4

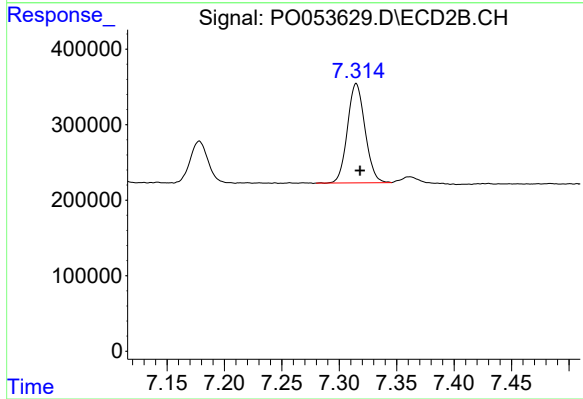
R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 4427803
Conc: 180.90 ng/ml



#40 AR-1262-5

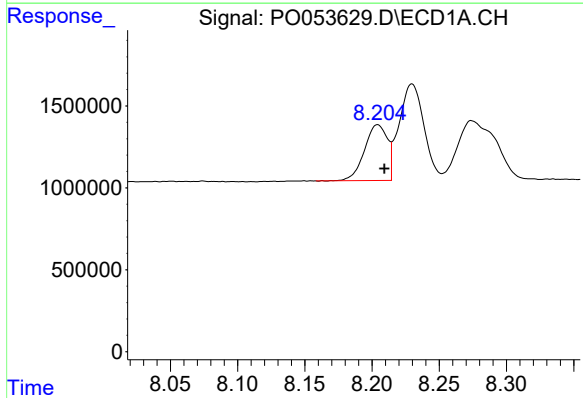
R.T.: 8.868 min
Delta R.T.: -0.006 min
Response: 4851689
Conc: 114.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



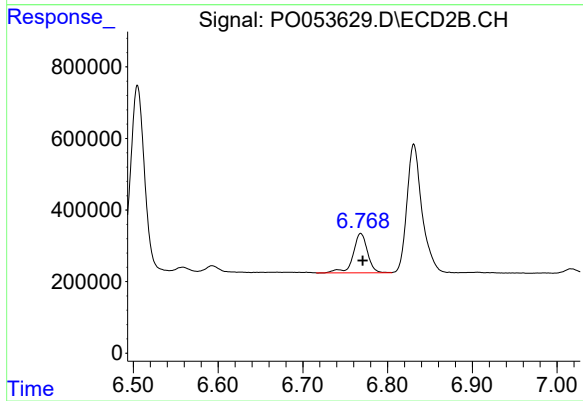
#40 AR-1262-5

R.T.: 7.315 min
Delta R.T.: -0.003 min
Response: 1403945
Conc: 125.59 ng/ml



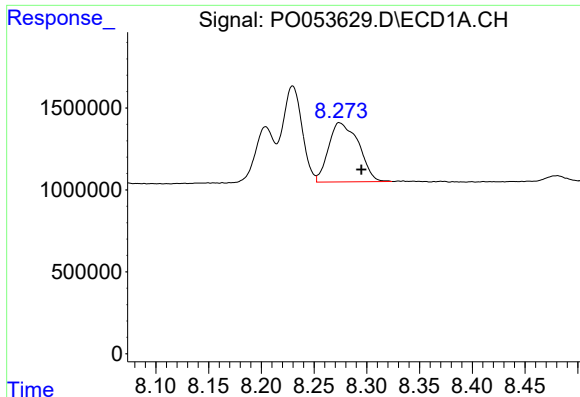
#41 AR-1268-1

R.T.: 8.204 min
Delta R.T.: -0.005 min
Response: 4034576
Conc: 27.23 ng/ml



#41 AR-1268-1

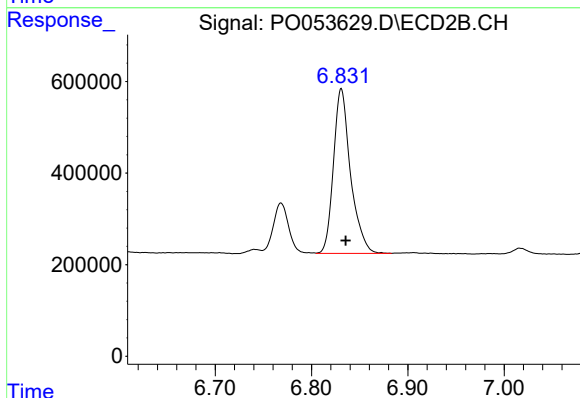
R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 1301031
Conc: 33.69 ng/ml



#42 AR-1268-2

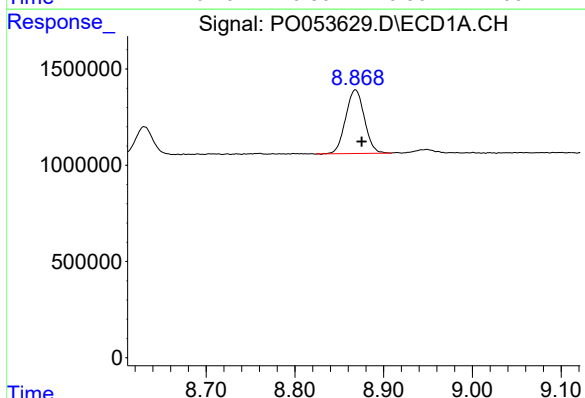
R.T.: 8.274 min
Delta R.T.: -0.021 min
Response: 7143124
Conc: 50.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



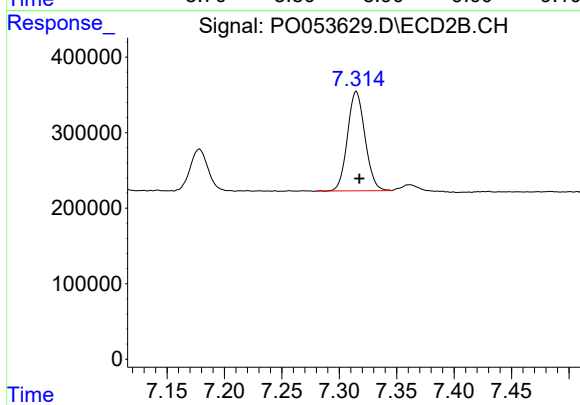
#42 AR-1268-2

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 4427803
Conc: 121.08 ng/ml



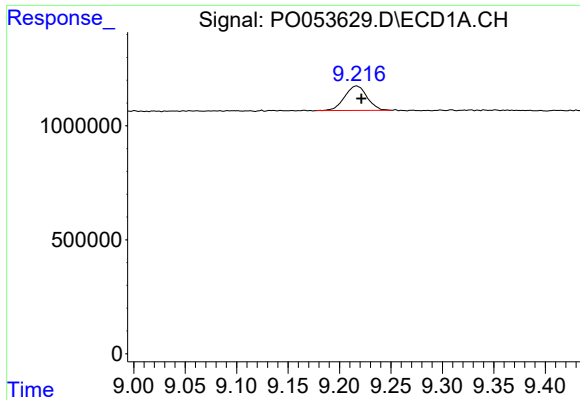
#44 AR-1268-4

R.T.: 8.868 min
Delta R.T.: -0.007 min
Response: 4851689
Conc: 102.06 ng/ml



#44 AR-1268-4

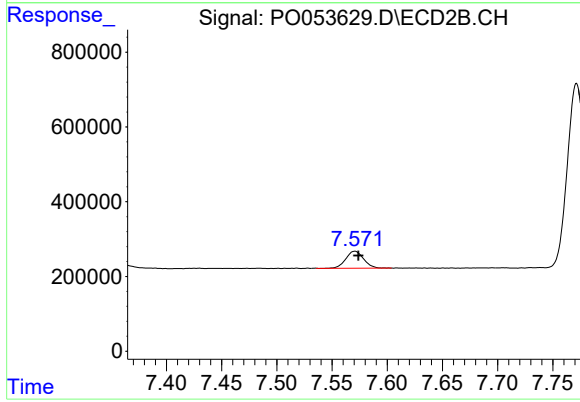
R.T.: 7.315 min
Delta R.T.: -0.003 min
Response: 1403945
Conc: 112.73 ng/ml



#45 AR-1268-5

R.T.: 9.217 min
Delta R.T.: -0.005 min
Response: 1625309
Conc: 4.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.571 min
Delta R.T.: -0.003 min
Response: 509156
Conc: 5.43 ng/ml