

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052821\
 Data File : P0078247.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 May 2021 10:54
 Operator : DD\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 28 13:08:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 19 06:28:32 2021
 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...	4.349	3.618	3463786	1454110	46.866	48.124
2)	SA Decachlor...	9.961	8.809	2306304	1344720	46.648	46.246
Target Compounds							
3)	L1 AR-1016-1	5.651	4.848	106572	10452	43.749	9.573 #
4)	L1 AR-1016-2	5.651	4.865	106572	15083	29.891	9.702 #
5)	L1 AR-1016-3	5.730	5.045f	22160	15191	10.000	18.559 #
6)	L1 AR-1016-4	0.000	5.106	0	333684	N.D.	469.103 #
7)	L1 AR-1016-5	6.145	5.329	388198	187462	224.398	212.644
9)	L2 AR-1221-2	4.691	3.960	38995	21703	63.452	78.787
12)	L3 AR-1232-2	0.000	4.865	0	15083	N.D.	22.673 #
13)	L3 AR-1232-3	5.651	5.045f	106572	15191	73.398	44.702 #
14)	L3 AR-1232-4	0.000	5.148	0	108307	N.D.	341.891 #
15)	L3 AR-1232-5	5.935	5.329	661773	187462	1347.820	538.777 #
16)	L4 AR-1242-1	5.651	4.848	106572	10452	58.010	12.169 #
17)	L4 AR-1242-2	5.651	4.865	106572	15083	39.451	12.466 #
18)	L4 AR-1242-3	5.730	5.045f	22160	15191	12.732	23.579 #
19)	L4 AR-1242-4	0.000	5.148	0	108307	N.D.	160.205 #
20)	L4 AR-1242-5	6.607	5.704	346549	808470	258.981	985.931 #
21)	L5 AR-1248-1	5.651	4.848	106572	10452	74.792	16.219 #
22)	L5 AR-1248-2	5.935	5.106	661773	333684	348.577	349.062
23)	L5 AR-1248-3	6.145	5.148	388198	108307	175.018	112.674 #
24)	L5 AR-1248-4	6.568	5.329	590857	187462	253.844	163.685 #
25)	L5 AR-1248-5	6.607	5.746	346549	91666	153.166	87.481 #
26)	L6 AR-1254-1	6.537	5.704	1199552	808470	483.302	468.788
27)	L6 AR-1254-2	6.764	5.861	1852485	742326	477.378	463.094
28)	L6 AR-1254-3	7.139	6.274	1940382	1130073	494.573	473.479
29)	L6 AR-1254-4	7.433	6.513	1418550	709473	522.352	488.665
30)	L6 AR-1254-5	7.855	6.936	1566787	1071035	535.749	471.212
31)	L7 AR-1260-1	7.305	6.411	834874	577379	297.504	360.352
32)	L7 AR-1260-2	7.569	6.606	923493	494964	274.515	256.382
33)	L7 AR-1260-3	7.914	6.755	222604	497987	91.232	271.437 #
34)	L7 AR-1260-4	8.146	7.234	590169	54460	220.316	36.127 #
35)	L7 AR-1260-5	8.467	7.482	200541	129187	39.047	37.046
36)	L8 AR-1262-1	7.914	6.936	222604	1071035	62.138	912.761 #
37)	L8 AR-1262-2	8.467	7.482	200541	129187	33.315	33.116
38)	L8 AR-1262-3	8.757f	7.775	166574	12729	41.244	7.910 #
39)	L8 AR-1262-4	8.798f	7.824	42163	139471	13.520	46.508 #
41)	L9 AR-1268-1	8.757f	7.775	166574	12729	23.499	2.780 #
42)	L9 AR-1268-2	8.798f	7.824	42163	139471	6.515	33.709 #
45)	L9 AR-1268-5	0.000	8.592	0	10133	N.D.	0.962 #

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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

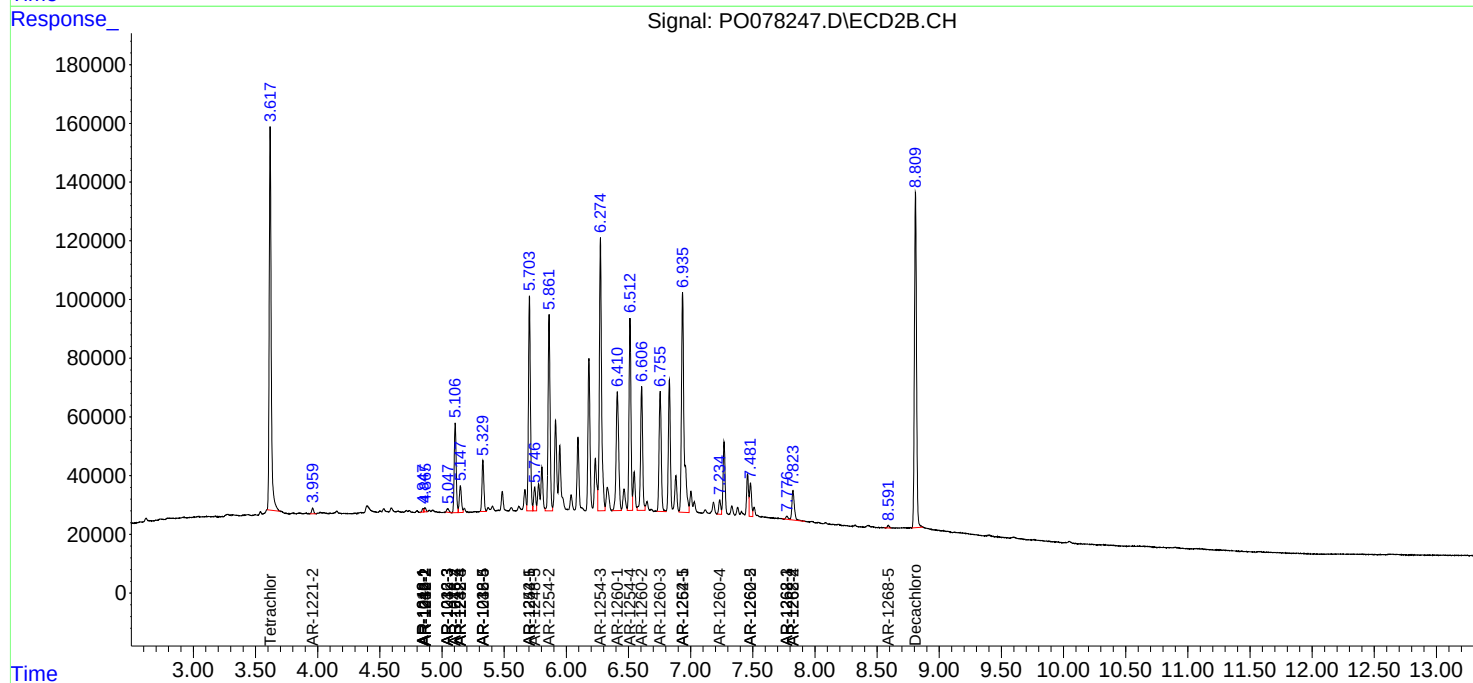
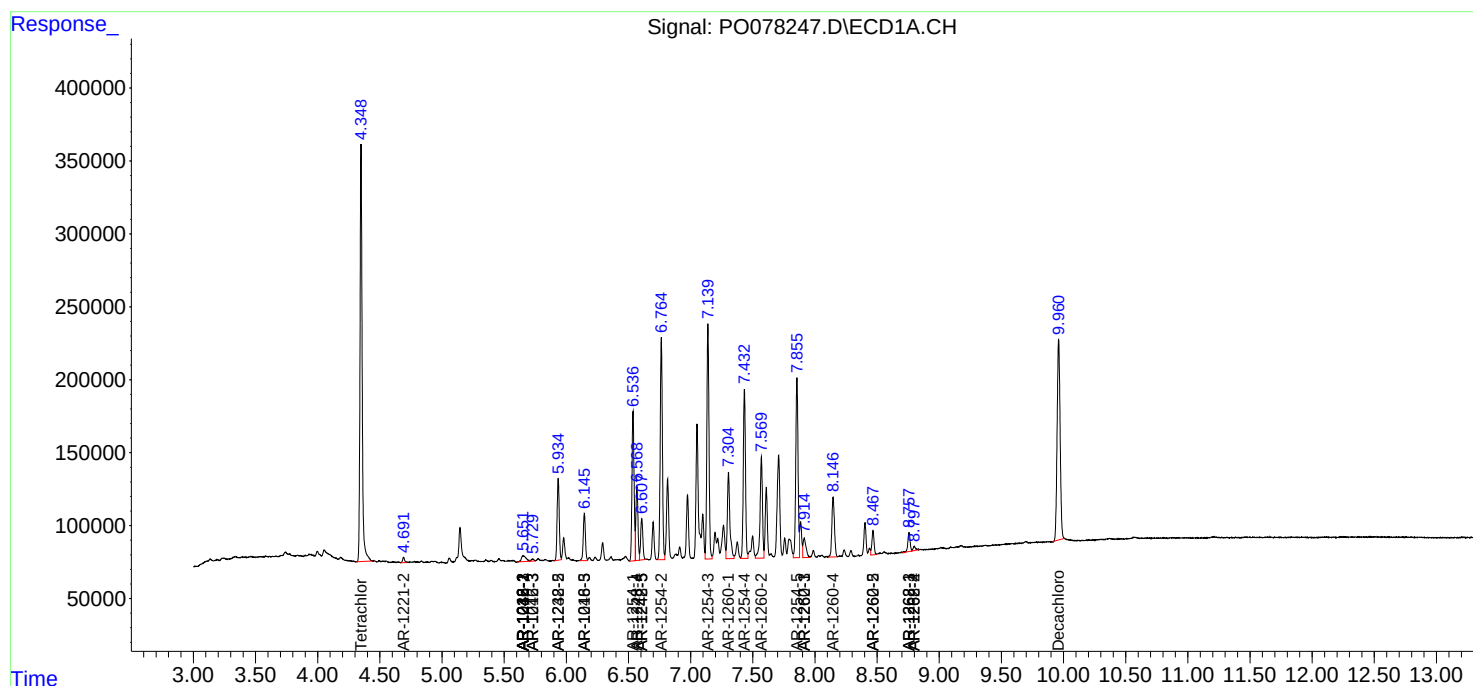
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

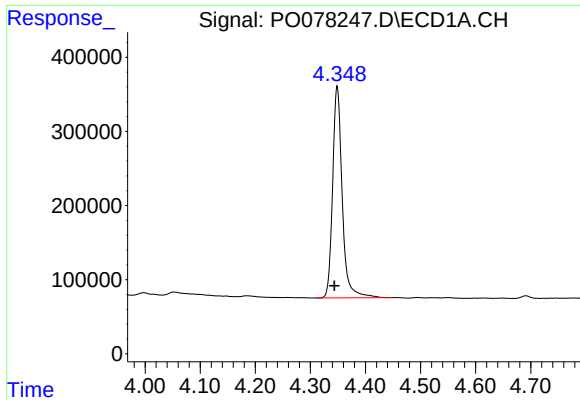
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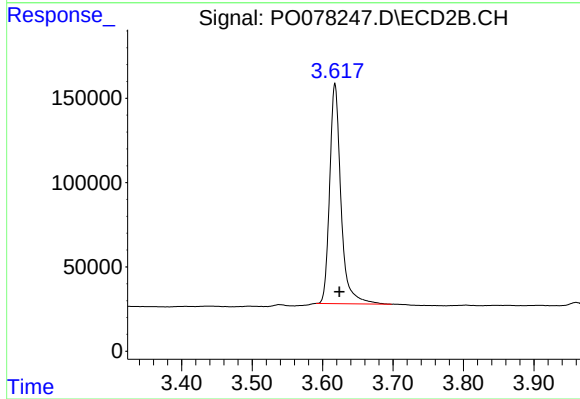




#1 Tetrachloro-m-xylene

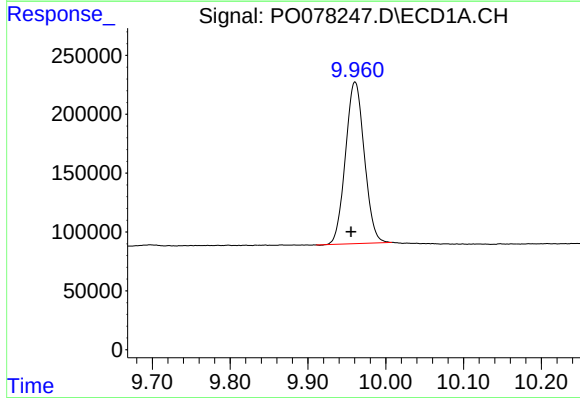
R.T.: 4.349 min
Delta R.T.: 0.005 min
Response: 3463786
Conc: 46.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



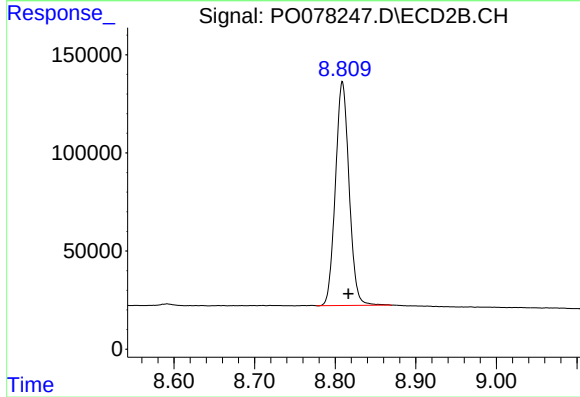
#1 Tetrachloro-m-xylene

R.T.: 3.618 min
Delta R.T.: -0.006 min
Response: 1454110
Conc: 48.12 ng/ml



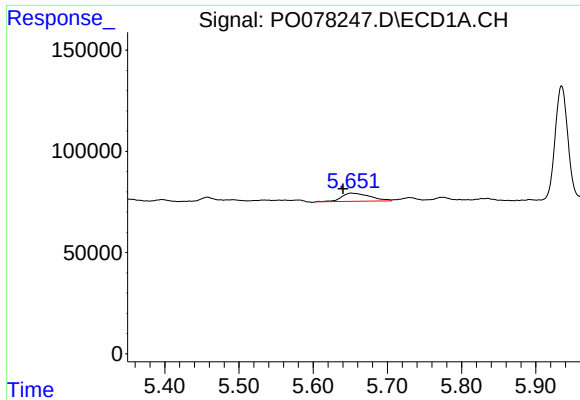
#2 Decachlorobiphenyl

R.T.: 9.961 min
Delta R.T.: 0.005 min
Response: 2306304
Conc: 46.65 ng/ml



#2 Decachlorobiphenyl

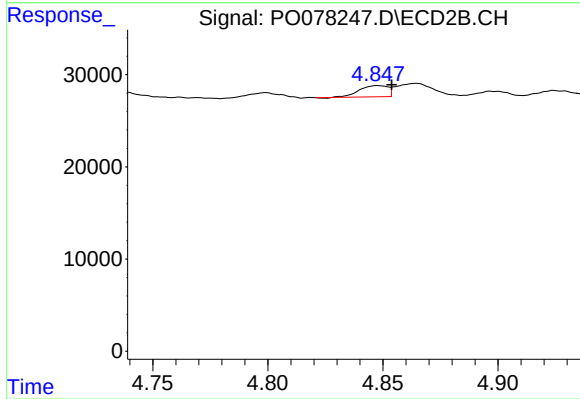
R.T.: 8.809 min
Delta R.T.: -0.008 min
Response: 1344720
Conc: 46.25 ng/ml



#3 AR-1016-1

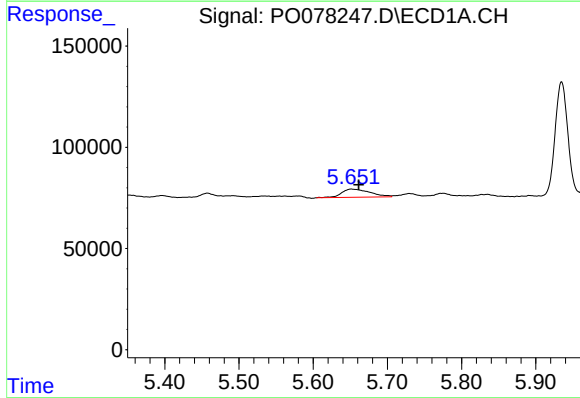
R.T.: 5.651 min
Delta R.T.: 0.011 min
Response: 106572
Conc: 43.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



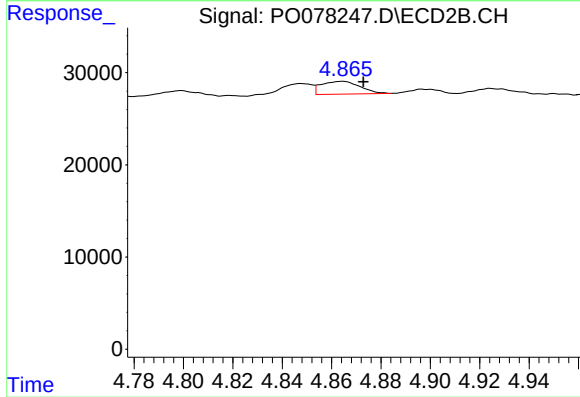
#3 AR-1016-1

R.T.: 4.848 min
Delta R.T.: -0.006 min
Response: 10452
Conc: 9.57 ng/ml



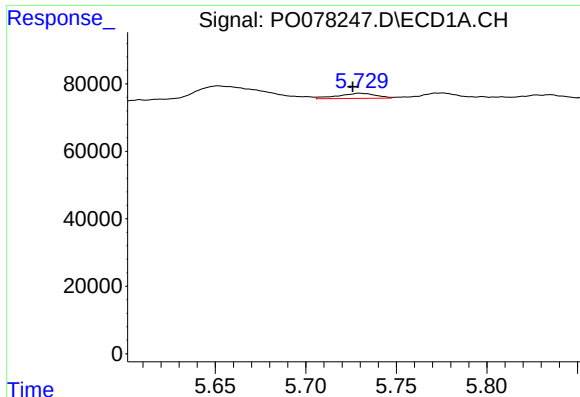
#4 AR-1016-2

R.T.: 5.651 min
Delta R.T.: -0.010 min
Response: 106572
Conc: 29.89 ng/ml



#4 AR-1016-2

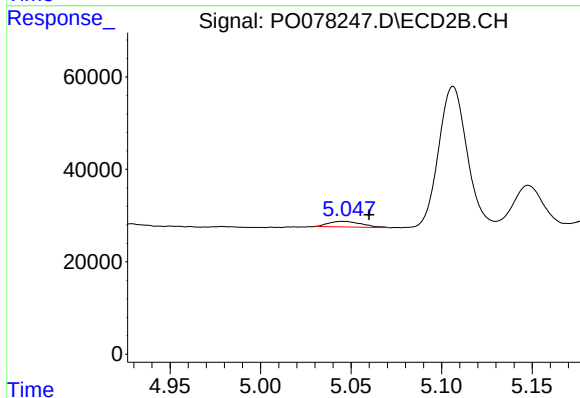
R.T.: 4.865 min
Delta R.T.: -0.008 min
Response: 15083
Conc: 9.70 ng/ml



#5 AR-1016-3

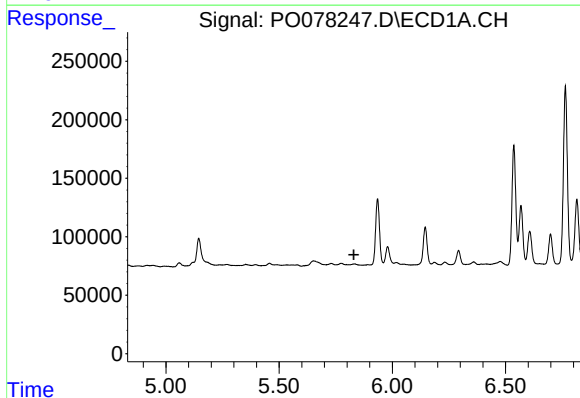
R.T.: 5.730 min
Delta R.T.: 0.004 min
Response: 22160
Conc: 10.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



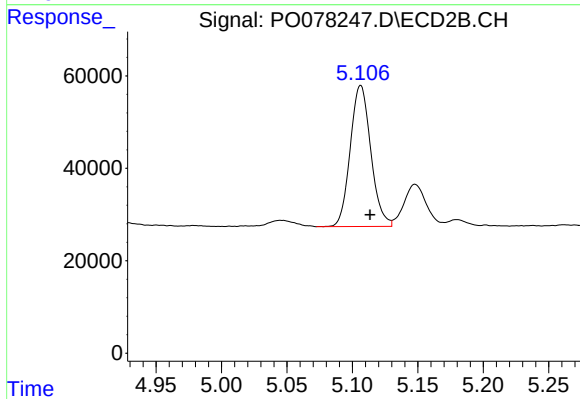
#5 AR-1016-3

R.T.: 5.045 min
Delta R.T.: -0.015 min
Response: 15191
Conc: 18.56 ng/ml



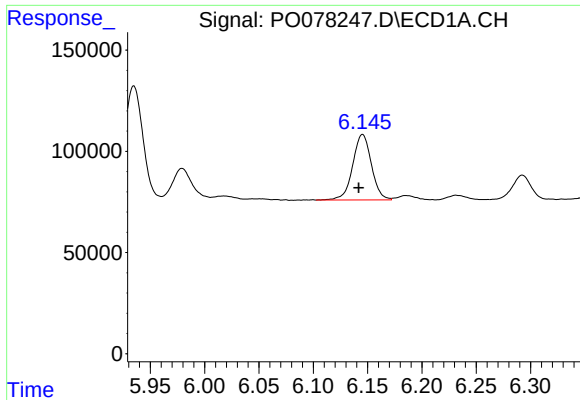
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.831 min
Response: 0
Conc: N.D.



#6 AR-1016-4

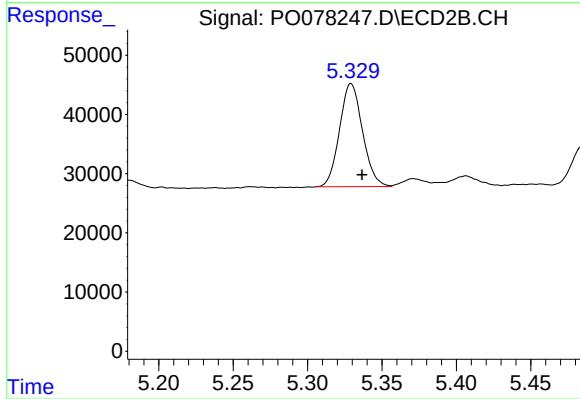
R.T.: 5.106 min
Delta R.T.: -0.007 min
Response: 333684
Conc: 469.10 ng/ml



#7 AR-1016-5

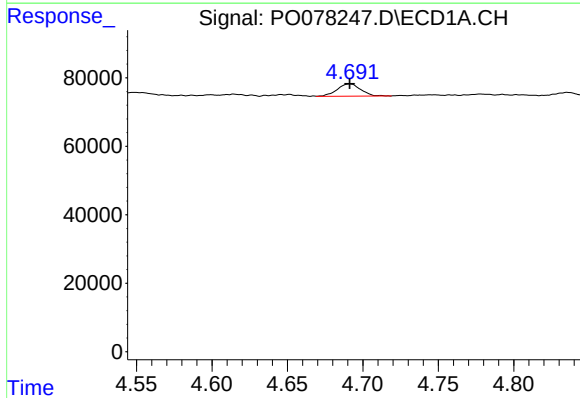
R.T.: 6.145 min
Delta R.T.: 0.003 min
Response: 388198
Conc: 224.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



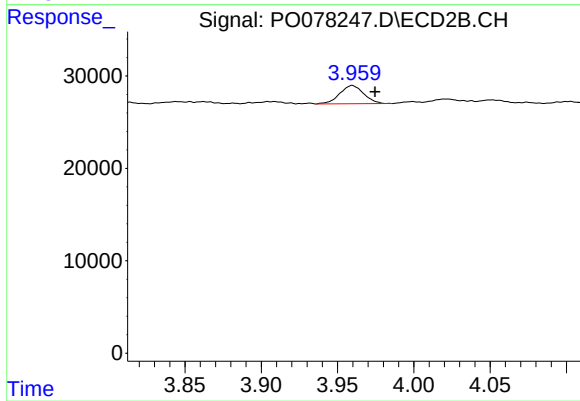
#7 AR-1016-5

R.T.: 5.329 min
Delta R.T.: -0.007 min
Response: 187462
Conc: 212.64 ng/ml



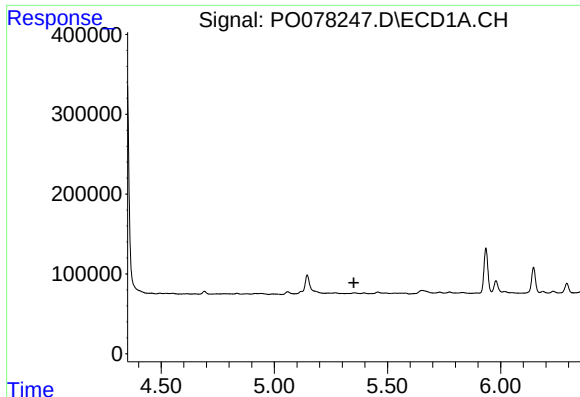
#9 AR-1221-2

R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 38995
Conc: 63.45 ng/ml



#9 AR-1221-2

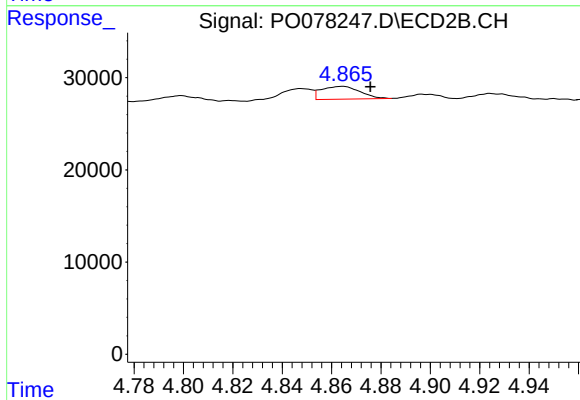
R.T.: 3.960 min
Delta R.T.: -0.015 min
Response: 21703
Conc: 78.79 ng/ml



#12 AR-1232-2

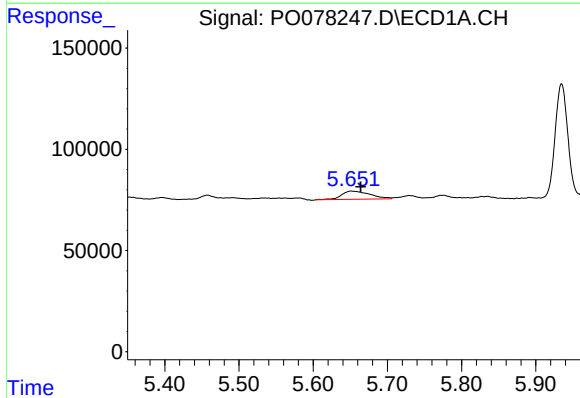
R.T.: 0.000 min
Exp R.T.: 5.352 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



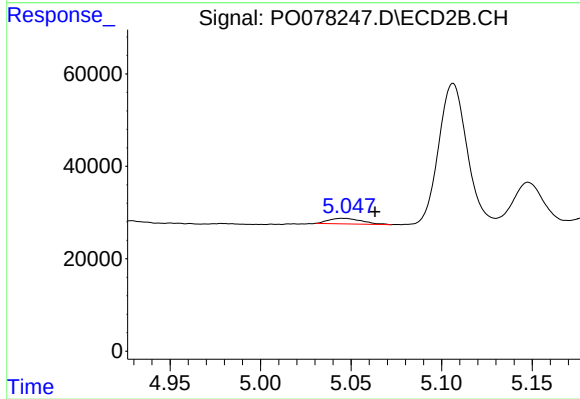
#12 AR-1232-2

R.T.: 4.865 min
Delta R.T.: -0.011 min
Response: 15083
Conc: 22.67 ng/ml



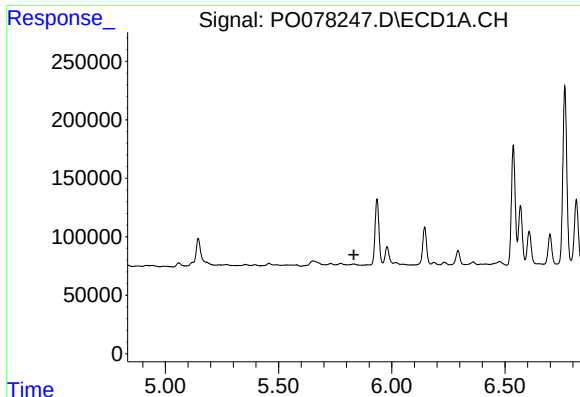
#13 AR-1232-3

R.T.: 5.651 min
Delta R.T.: -0.013 min
Response: 106572
Conc: 73.40 ng/ml



#13 AR-1232-3

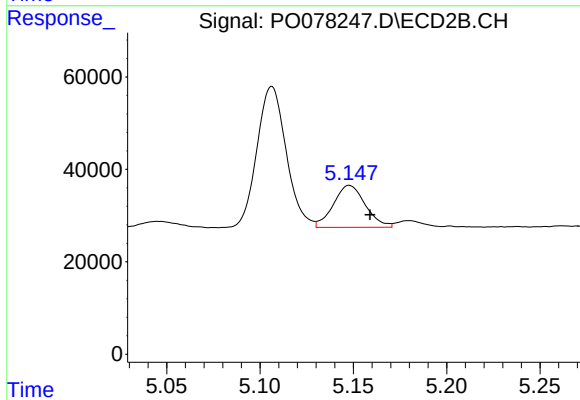
R.T.: 5.045 min
Delta R.T.: -0.018 min
Response: 15191
Conc: 44.70 ng/ml



#14 AR-1232-4

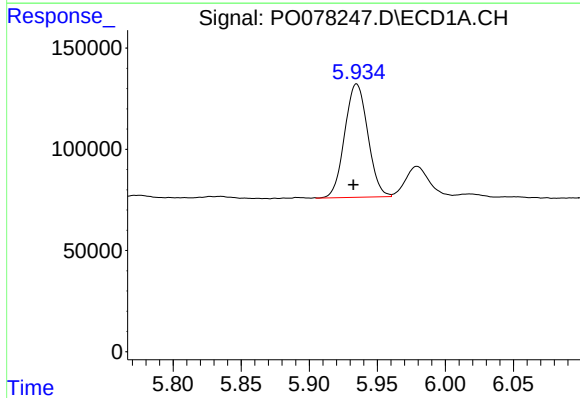
R.T.: 0.000 min
Exp R.T.: 5.833 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



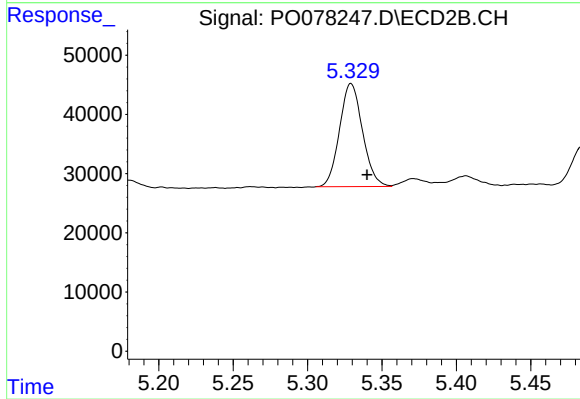
#14 AR-1232-4

R.T.: 5.148 min
Delta R.T.: -0.011 min
Response: 108307
Conc: 341.89 ng/ml



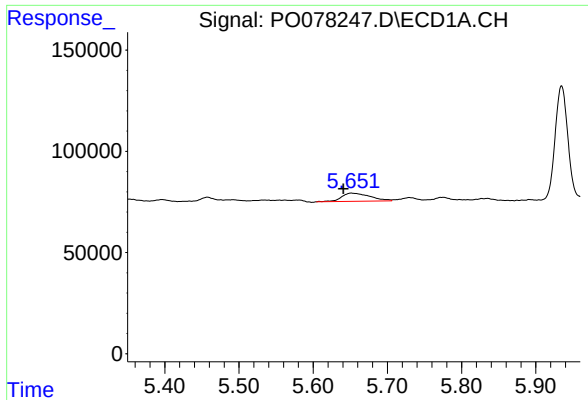
#15 AR-1232-5

R.T.: 5.935 min
Delta R.T.: 0.002 min
Response: 661773
Conc: 1347.82 ng/ml



#15 AR-1232-5

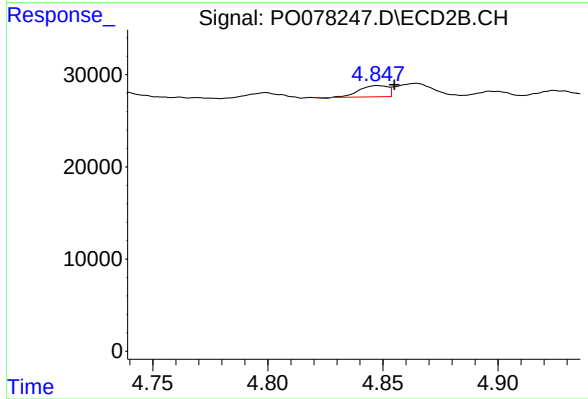
R.T.: 5.329 min
Delta R.T.: -0.011 min
Response: 187462
Conc: 538.78 ng/ml



#16 AR-1242-1

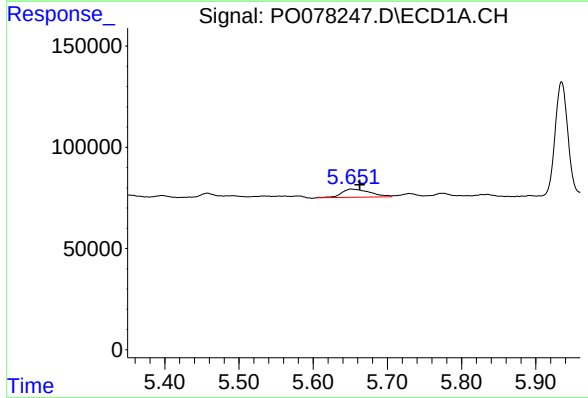
R.T.: 5.651 min
Delta R.T.: 0.011 min
Response: 106572
Conc: 58.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



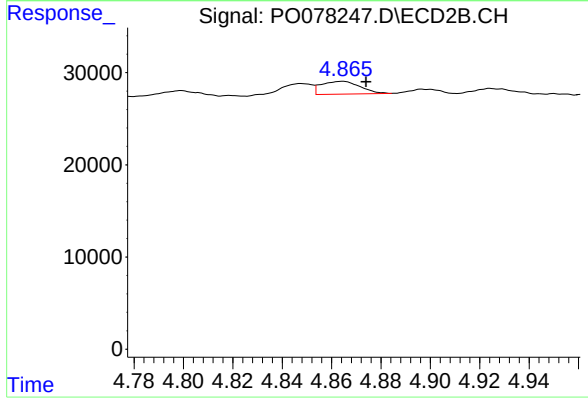
#16 AR-1242-1

R.T.: 4.848 min
Delta R.T.: -0.008 min
Response: 10452
Conc: 12.17 ng/ml



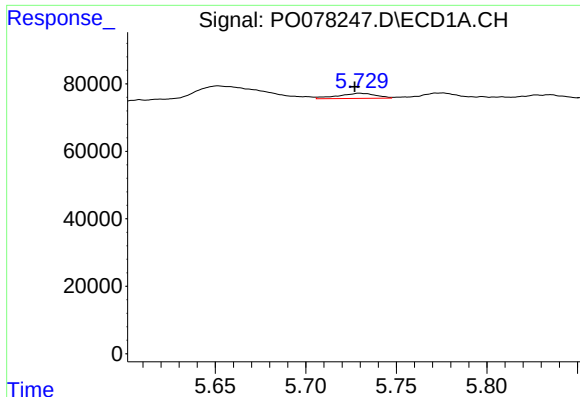
#17 AR-1242-2

R.T.: 5.651 min
Delta R.T.: -0.011 min
Response: 106572
Conc: 39.45 ng/ml



#17 AR-1242-2

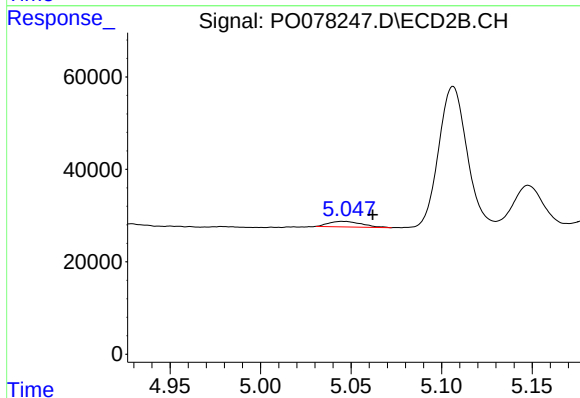
R.T.: 4.865 min
Delta R.T.: -0.009 min
Response: 15083
Conc: 12.47 ng/ml



#18 AR-1242-3

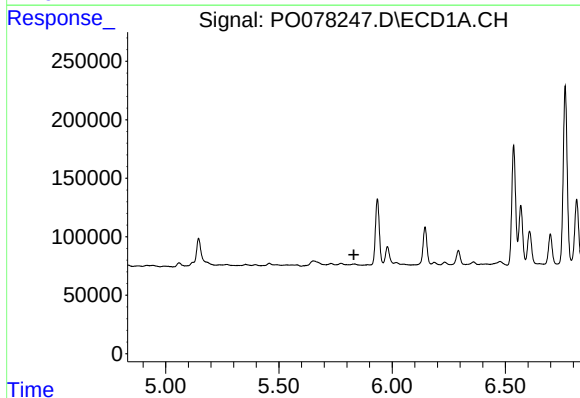
R.T.: 5.730 min
Delta R.T.: 0.003 min
Response: 22160
Conc: 12.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



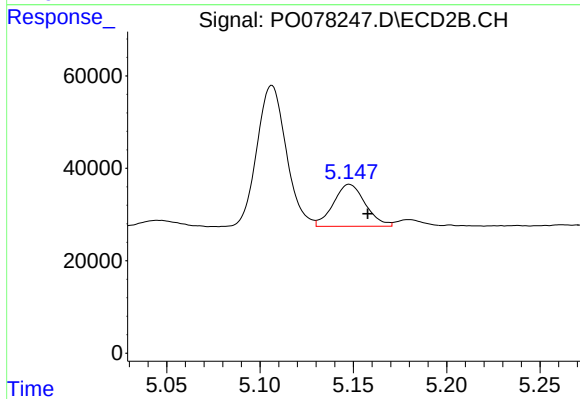
#18 AR-1242-3

R.T.: 5.045 min
Delta R.T.: -0.017 min
Response: 15191
Conc: 23.58 ng/ml



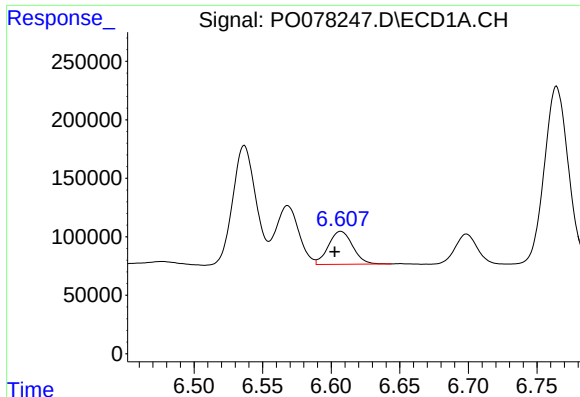
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.831 min
Response: 0
Conc: N.D.



#19 AR-1242-4

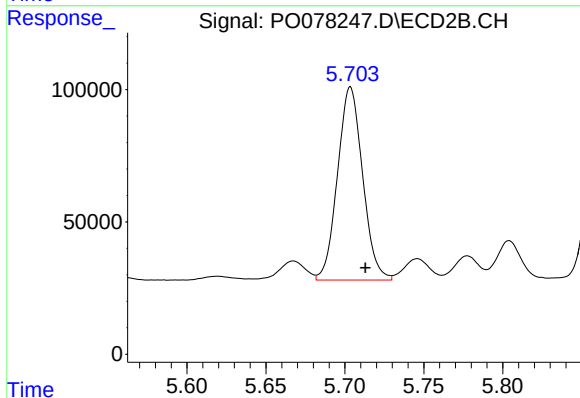
R.T.: 5.148 min
Delta R.T.: -0.010 min
Response: 108307
Conc: 160.20 ng/ml



#20 AR-1242-5

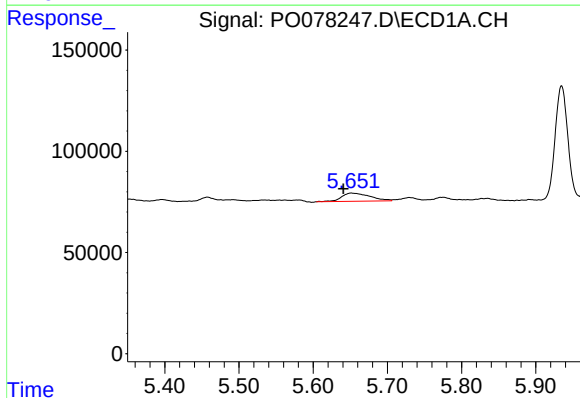
R.T.: 6.607 min
Delta R.T.: 0.004 min
Response: 346549
Conc: 258.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



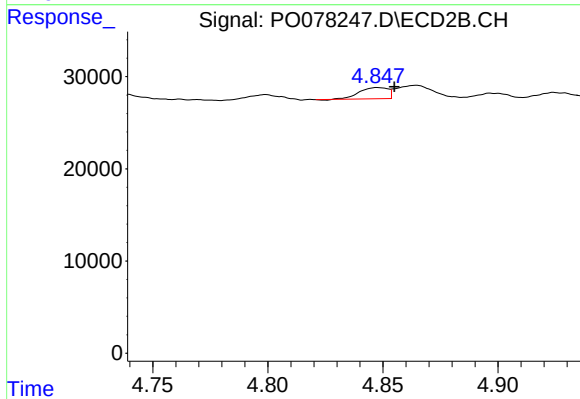
#20 AR-1242-5

R.T.: 5.704 min
Delta R.T.: -0.010 min
Response: 808470
Conc: 985.93 ng/ml



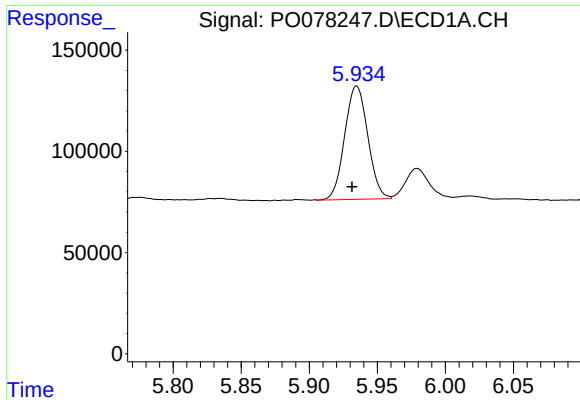
#21 AR-1248-1

R.T.: 5.651 min
Delta R.T.: 0.011 min
Response: 106572
Conc: 74.79 ng/ml



#21 AR-1248-1

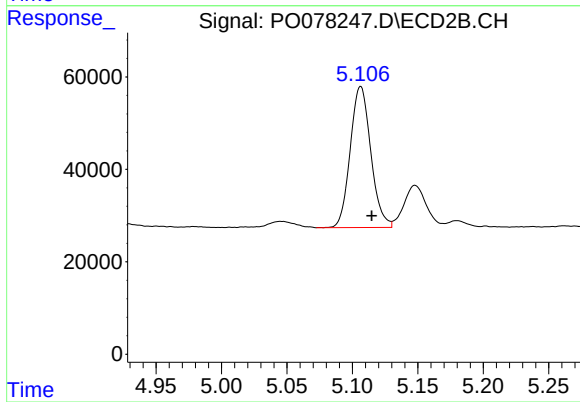
R.T.: 4.848 min
Delta R.T.: -0.007 min
Response: 10452
Conc: 16.22 ng/ml



#22 AR-1248-2

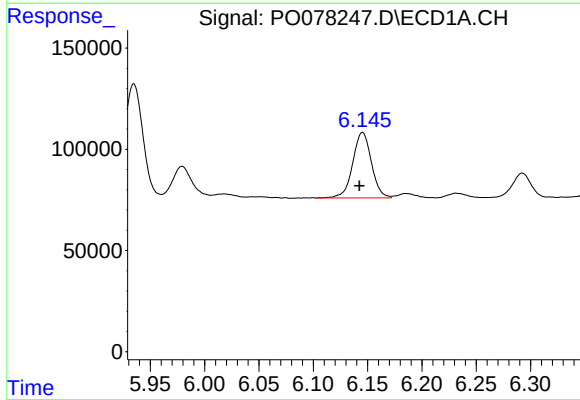
R.T.: 5.935 min
Delta R.T.: 0.003 min
Response: 661773
Conc: 348.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



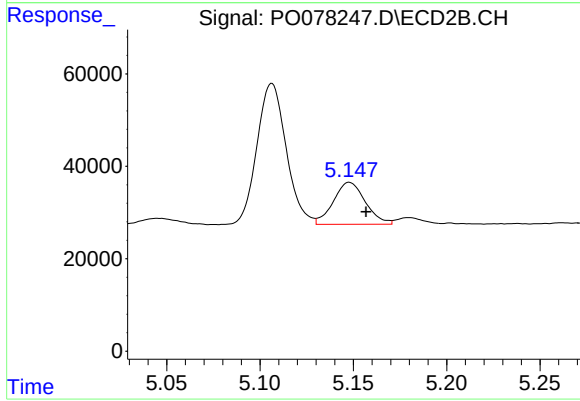
#22 AR-1248-2

R.T.: 5.106 min
Delta R.T.: -0.008 min
Response: 333684
Conc: 349.06 ng/ml



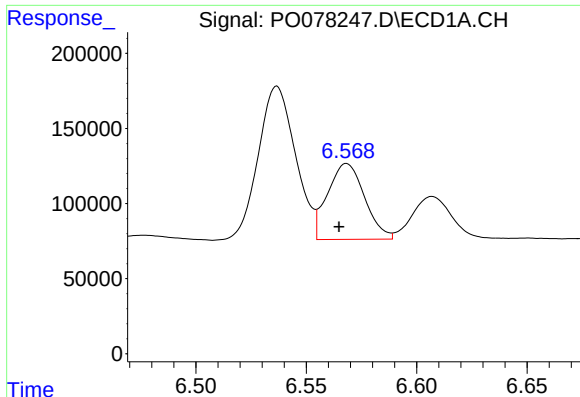
#23 AR-1248-3

R.T.: 6.145 min
Delta R.T.: 0.003 min
Response: 388198
Conc: 175.02 ng/ml



#23 AR-1248-3

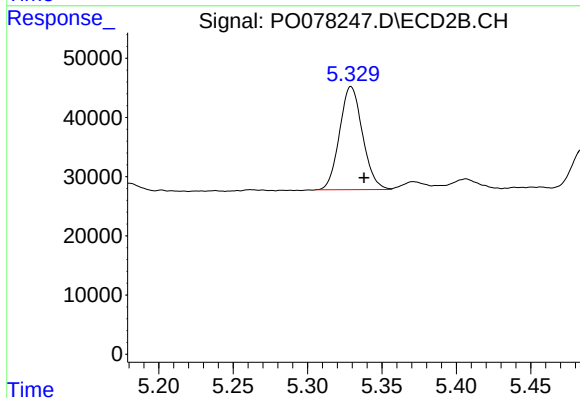
R.T.: 5.148 min
Delta R.T.: -0.009 min
Response: 108307
Conc: 112.67 ng/ml



#24 AR-1248-4

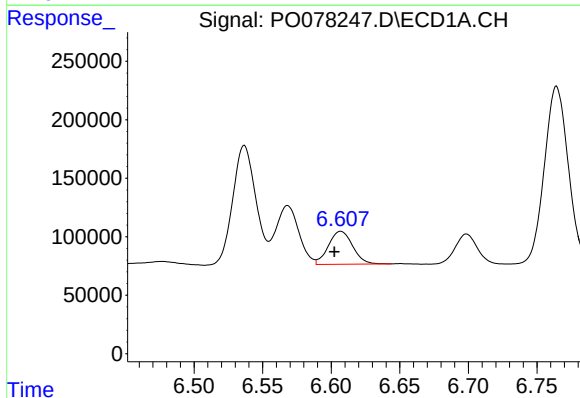
R.T.: 6.568 min
Delta R.T.: 0.003 min
Response: 590857
Conc: 253.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



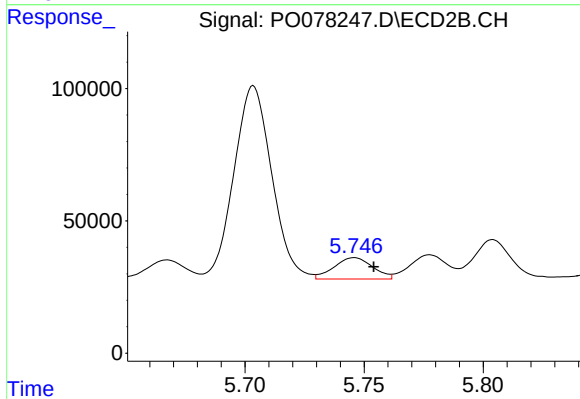
#24 AR-1248-4

R.T.: 5.329 min
Delta R.T.: -0.009 min
Response: 187462
Conc: 163.69 ng/ml



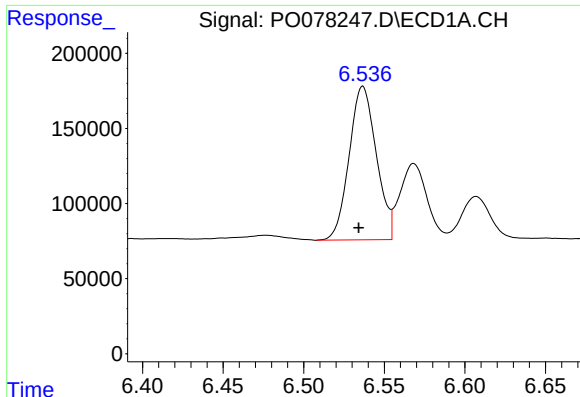
#25 AR-1248-5

R.T.: 6.607 min
Delta R.T.: 0.005 min
Response: 346549
Conc: 153.17 ng/ml



#25 AR-1248-5

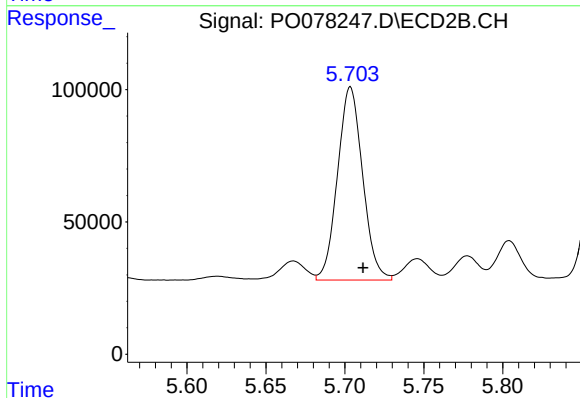
R.T.: 5.746 min
Delta R.T.: -0.008 min
Response: 91666
Conc: 87.48 ng/ml



#26 AR-1254-1

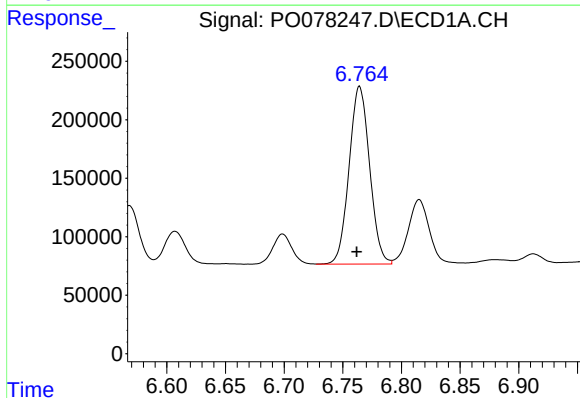
R.T.: 6.537 min
Delta R.T.: 0.003 min
Response: 1199552
Conc: 483.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



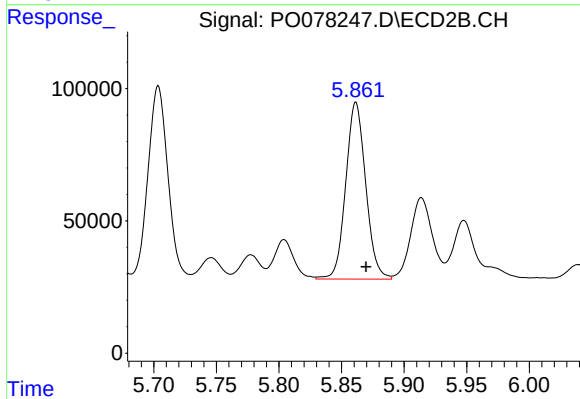
#26 AR-1254-1

R.T.: 5.704 min
Delta R.T.: -0.008 min
Response: 808470
Conc: 468.79 ng/ml



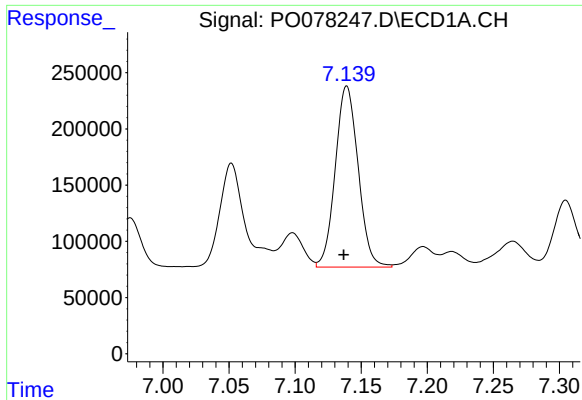
#27 AR-1254-2

R.T.: 6.764 min
Delta R.T.: 0.003 min
Response: 1852485
Conc: 477.38 ng/ml



#27 AR-1254-2

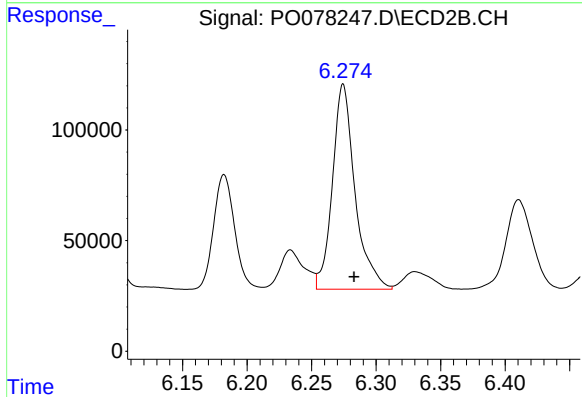
R.T.: 5.861 min
Delta R.T.: -0.008 min
Response: 742326
Conc: 463.09 ng/ml



#28 AR-1254-3

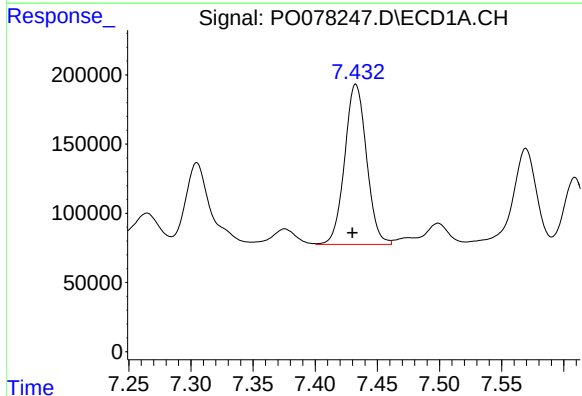
R.T.: 7.139 min
Delta R.T.: 0.002 min
Response: 1940382
Conc: 494.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



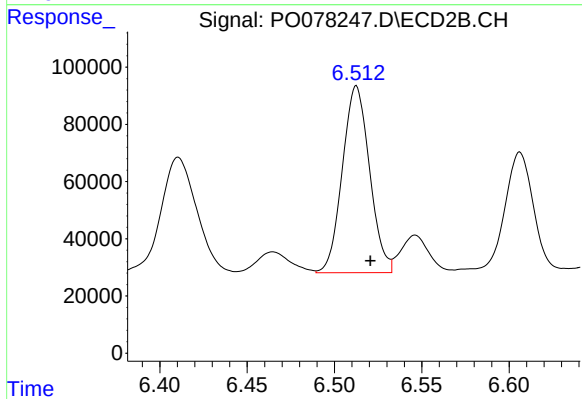
#28 AR-1254-3

R.T.: 6.274 min
Delta R.T.: -0.009 min
Response: 1130073
Conc: 473.48 ng/ml



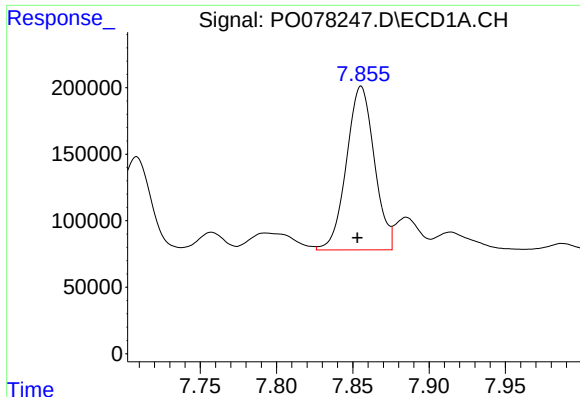
#29 AR-1254-4

R.T.: 7.433 min
Delta R.T.: 0.003 min
Response: 1418550
Conc: 522.35 ng/ml



#29 AR-1254-4

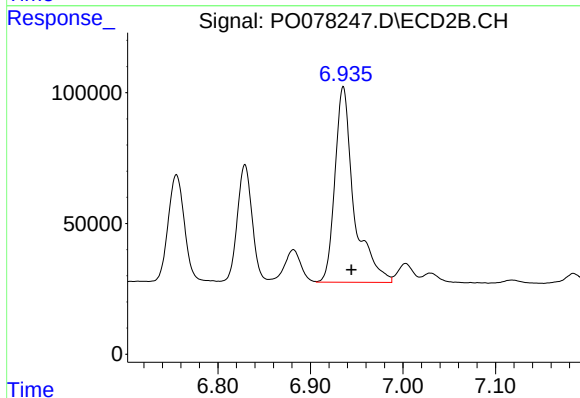
R.T.: 6.513 min
Delta R.T.: -0.008 min
Response: 709473
Conc: 488.66 ng/ml



#30 AR-1254-5

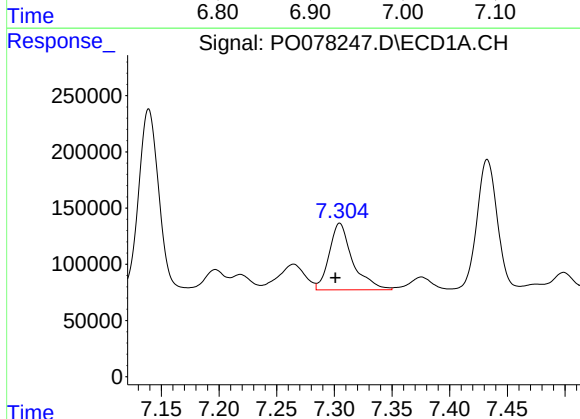
R.T.: 7.855 min
Delta R.T.: 0.002 min
Response: 1566787
Conc: 535.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



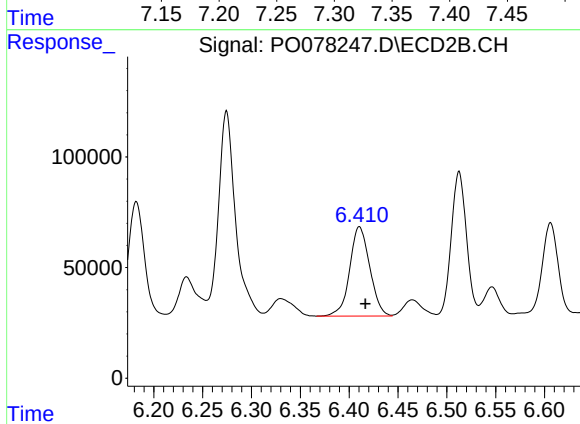
#30 AR-1254-5

R.T.: 6.936 min
Delta R.T.: -0.009 min
Response: 1071035
Conc: 471.21 ng/ml



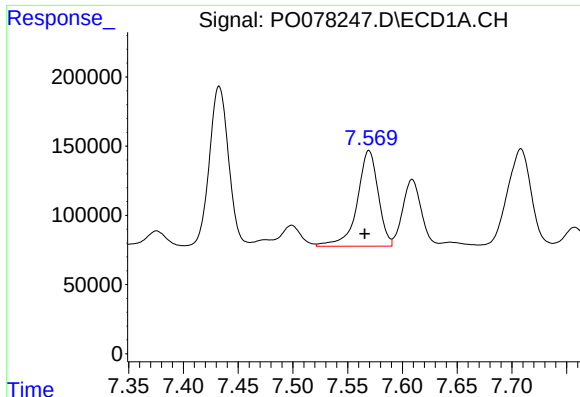
#31 AR-1260-1

R.T.: 7.305 min
Delta R.T.: 0.004 min
Response: 834874
Conc: 297.50 ng/ml



#31 AR-1260-1

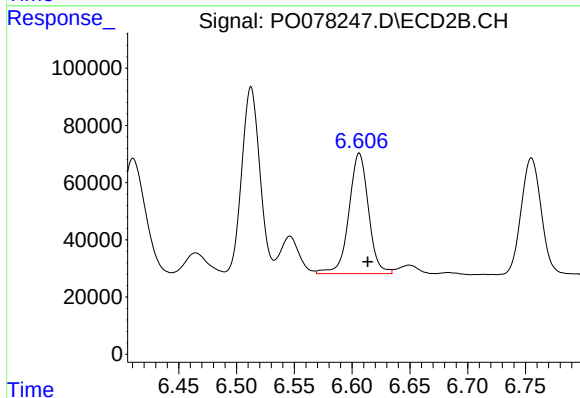
R.T.: 6.411 min
Delta R.T.: -0.006 min
Response: 577379
Conc: 360.35 ng/ml



#32 AR-1260-2

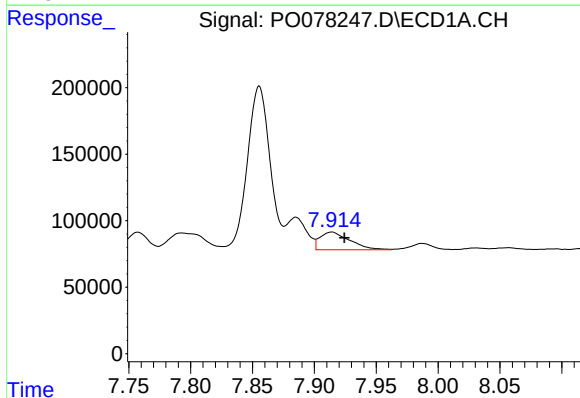
R.T.: 7.569 min
Delta R.T.: 0.004 min
Response: 923493
Conc: 274.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



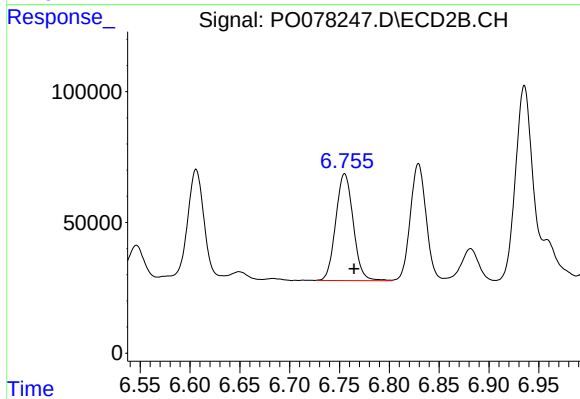
#32 AR-1260-2

R.T.: 6.606 min
Delta R.T.: -0.007 min
Response: 494964
Conc: 256.38 ng/ml



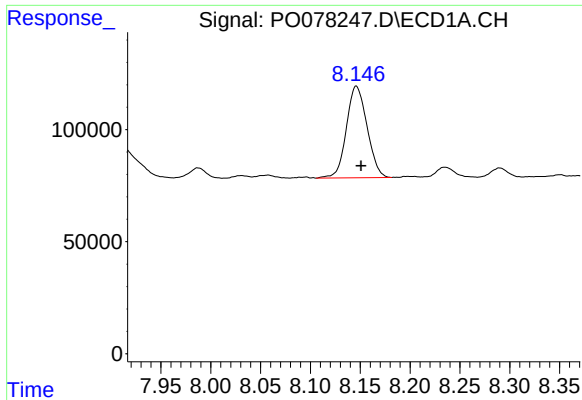
#33 AR-1260-3

R.T.: 7.914 min
Delta R.T.: -0.010 min
Response: 222604
Conc: 91.23 ng/ml



#33 AR-1260-3

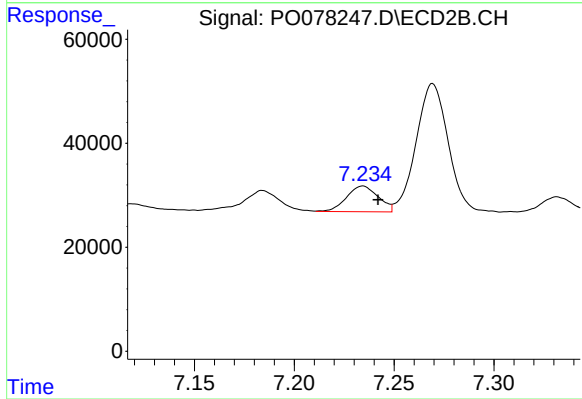
R.T.: 6.755 min
Delta R.T.: -0.010 min
Response: 497987
Conc: 271.44 ng/ml



#34 AR-1260-4

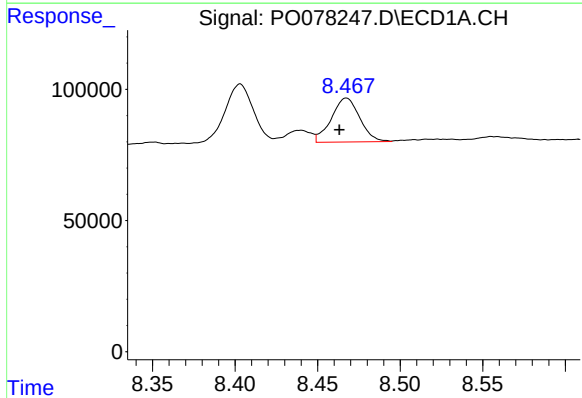
R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 590169
Conc: 220.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



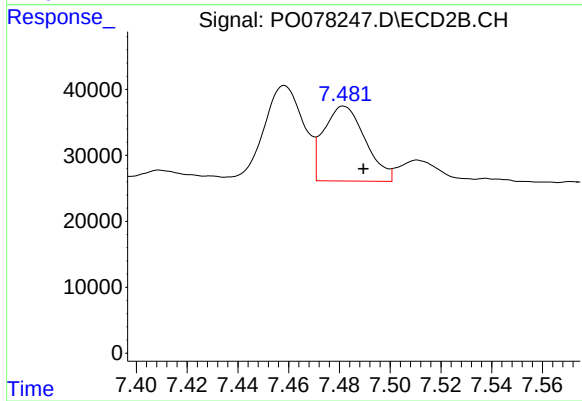
#34 AR-1260-4

R.T.: 7.234 min
Delta R.T.: -0.008 min
Response: 54460
Conc: 36.13 ng/ml



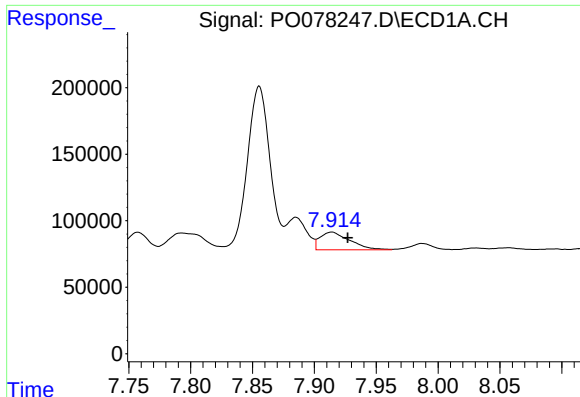
#35 AR-1260-5

R.T.: 8.467 min
Delta R.T.: 0.004 min
Response: 200541
Conc: 39.05 ng/ml



#35 AR-1260-5

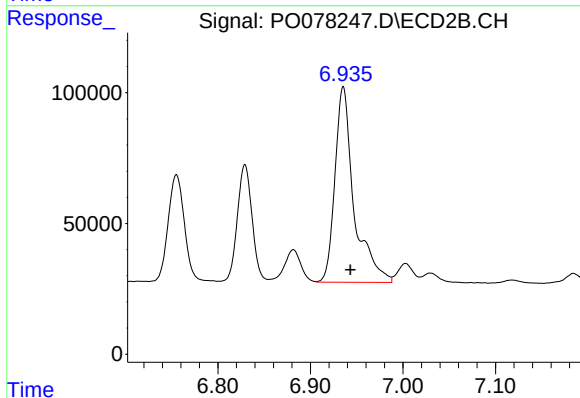
R.T.: 7.482 min
Delta R.T.: -0.008 min
Response: 129187
Conc: 37.05 ng/ml



#36 AR-1262-1

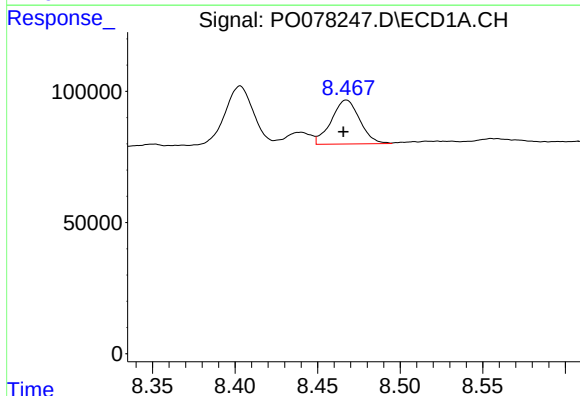
R.T.: 7.914 min
Delta R.T.: -0.013 min
Response: 222604
Conc: 62.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



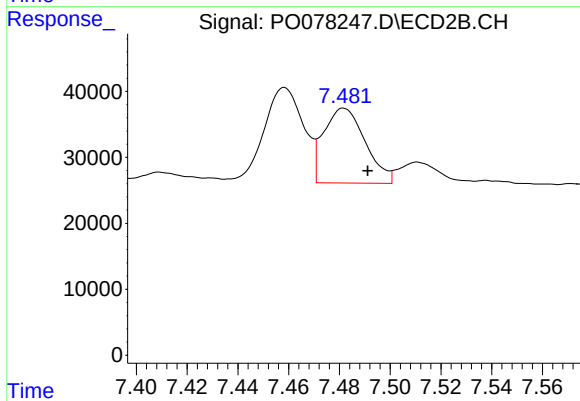
#36 AR-1262-1

R.T.: 6.936 min
Delta R.T.: -0.008 min
Response: 1071035
Conc: 912.76 ng/ml



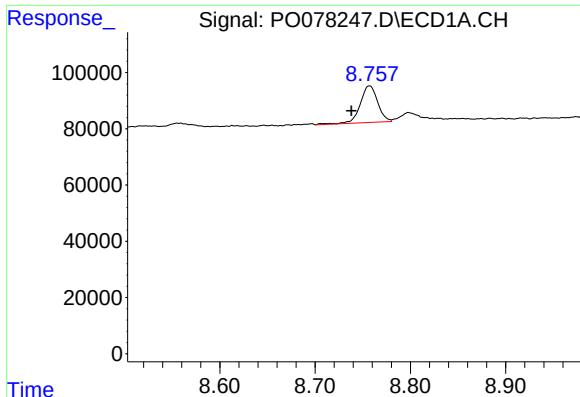
#37 AR-1262-2

R.T.: 8.467 min
Delta R.T.: 0.002 min
Response: 200541
Conc: 33.32 ng/ml



#37 AR-1262-2

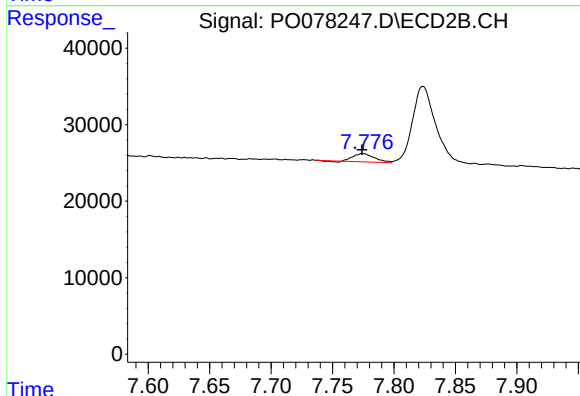
R.T.: 7.482 min
Delta R.T.: -0.009 min
Response: 129187
Conc: 33.12 ng/ml



#38 AR-1262-3

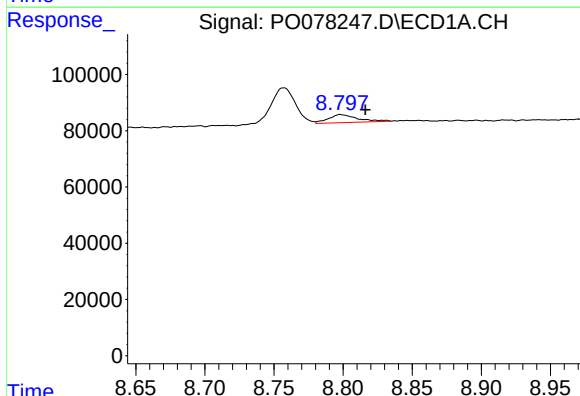
R.T.: 8.757 min
Delta R.T.: 0.019 min
Response: 166574
Conc: 41.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



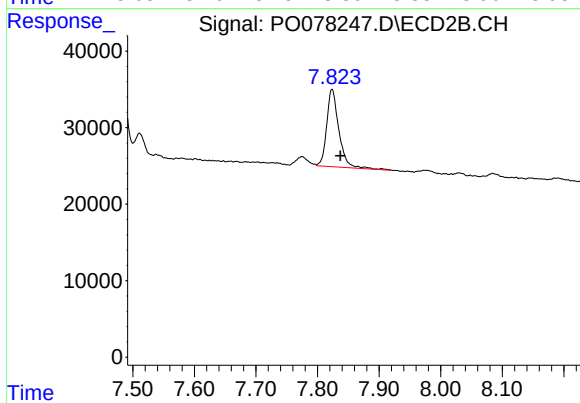
#38 AR-1262-3

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 12729
Conc: 7.91 ng/ml



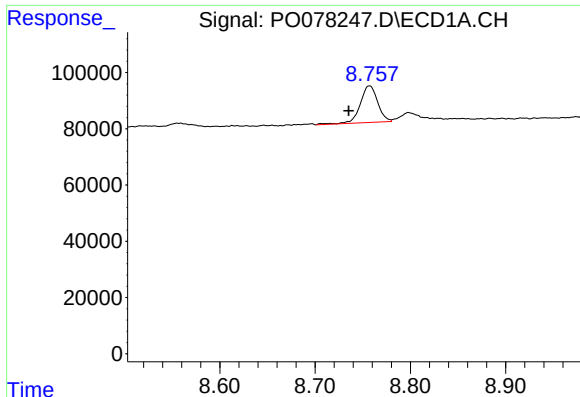
#39 AR-1262-4

R.T.: 8.798 min
Delta R.T.: -0.018 min
Response: 42163
Conc: 13.52 ng/ml



#39 AR-1262-4

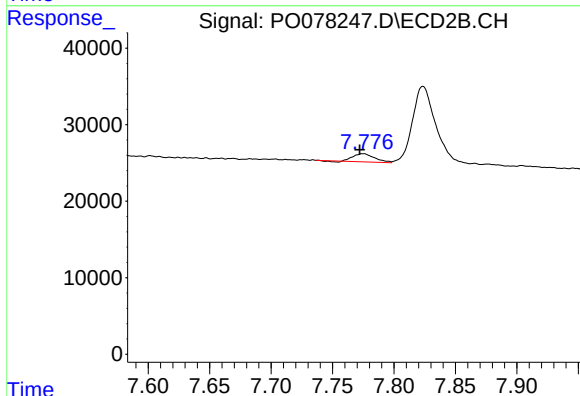
R.T.: 7.824 min
Delta R.T.: -0.013 min
Response: 139471
Conc: 46.51 ng/ml



#41 AR-1268-1

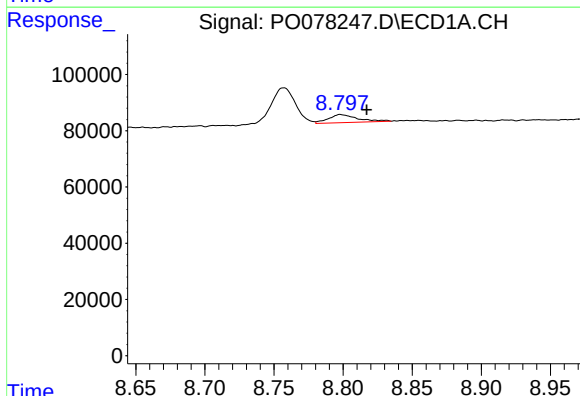
R.T.: 8.757 min
Delta R.T.: 0.022 min
Response: 166574
Conc: 23.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



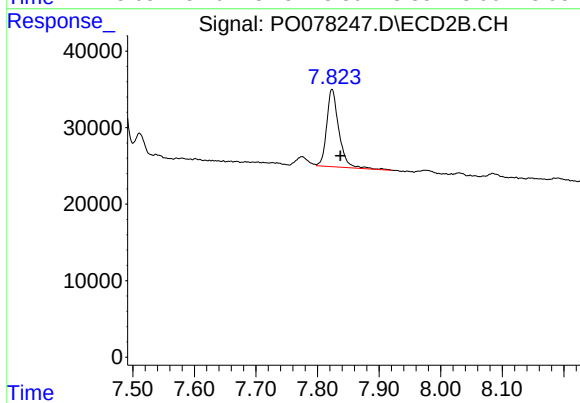
#41 AR-1268-1

R.T.: 7.775 min
Delta R.T.: 0.003 min
Response: 12729
Conc: 2.78 ng/ml



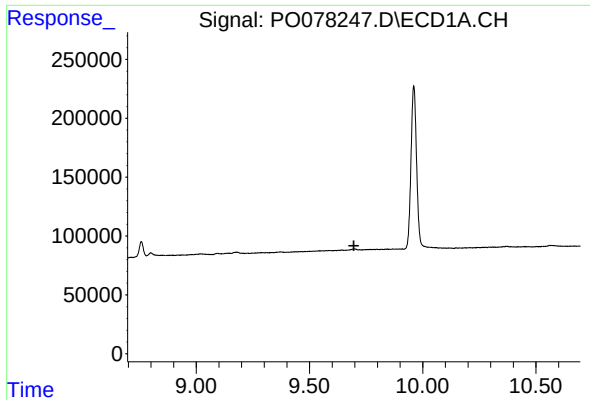
#42 AR-1268-2

R.T.: 8.798 min
Delta R.T.: -0.019 min
Response: 42163
Conc: 6.52 ng/ml



#42 AR-1268-2

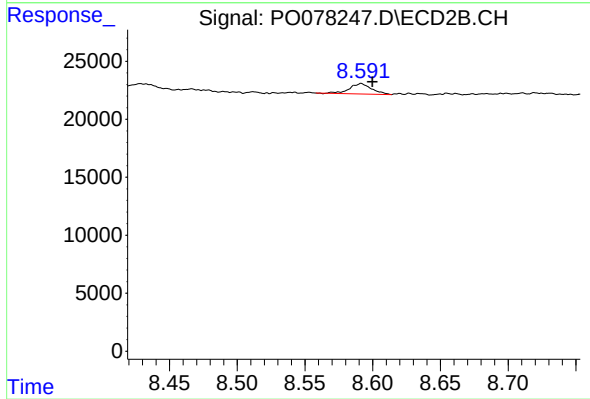
R.T.: 7.824 min
Delta R.T.: -0.014 min
Response: 139471
Conc: 33.71 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.696 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.592 min
Delta R.T.: -0.008 min
Response: 10133
Conc: 0.96 ng/ml