

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110518\
 Data File : PO051092.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Nov 2018 15:38
 Operator : SM/SJ
 Sample : J5624-09DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 16:08:42 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110518.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 05 12:48:11 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...	4.345	3.341	627921	255543	1.683	1.260 #
2)	SA Decachlor...	0.000	8.080	0	1264183	N.D.	5.709 #
Target Compounds							
3)	L1 AR-1016-1	0.000	4.356	0	14716	N.D.	2.173 #
4)	L1 AR-1016-2	0.000	4.356	0	14716	N.D.	1.325 #
5)	L1 AR-1016-3	0.000	4.539	0	50543	N.D.	8.935 #
6)	L1 AR-1016-4	0.000	4.579	0	2542147	N.D.	539.965 #
7)	L1 AR-1016-5	5.983	4.777	2354486	1690636	325.249	275.135
10)	L2 AR-1221-3	0.000	3.733	0	186223	N.D.	36.624 #
11)	L3 AR-1232-1	0.000	3.733	0	186223	N.D.	48.291 #
12)	L3 AR-1232-2	0.000	4.356	0	14716	N.D.	2.997 #
13)	L3 AR-1232-3	0.000	4.539	0	50543	N.D.	21.262 #
14)	L3 AR-1232-4	0.000	4.616	0	738545	N.D.	371.400 #
15)	L3 AR-1232-5	5.779	4.777	3748313	1690636	1500.729	744.848 #
16)	L4 AR-1242-1	0.000	4.356	0	14716	N.D.	2.557 #
17)	L4 AR-1242-2	0.000	4.356	0	14716	N.D.	1.517 #
18)	L4 AR-1242-3	0.000	4.539	0	50543	N.D.	10.312 #
19)	L4 AR-1242-4	0.000	4.616	0	738545	N.D.	154.048 #
20)	L4 AR-1242-5	6.426	5.110	3005634	8861591	401.672	1375.663 #
21)	L5 AR-1248-1	0.000	4.356	0	14716	N.D.	2.890 #
22)	L5 AR-1248-2	5.779	4.579	3748313	2542147	396.245	408.056
23)	L5 AR-1248-3	5.983	4.616	2354486	738545	219.400	119.564 #
24)	L5 AR-1248-4	6.385	4.777	4016570	1690636	327.462	234.340 #
25)	L5 AR-1248-5	6.426	5.148	3005634	1029183	257.124	131.691 #
26)	L6 AR-1254-1	6.357	5.110	9596090	8861591	696.487	633.320
27)	L6 AR-1254-2	6.575	5.252	15356365	8223812	711.206	659.441
28)	L6 AR-1254-3	6.940	5.634	19239467	16331209	843.522	808.378
29)	L6 AR-1254-4	7.225	5.855	13427204	10296499	792.849	763.571
30)	L6 AR-1254-5	7.642	6.256	16883383	18560505	949.184	945.129
31)	L7 AR-1260-1	7.102	5.760	7977988	8322826	522.516	623.397
32)	L7 AR-1260-2	7.358	5.943	9447076	8426665	483.109	454.244
33)	L7 AR-1260-3	7.712	6.085	2753797	7751356	218.260	500.659 #
34)	L7 AR-1260-4	7.932	6.543	6775591	1648795	484.348	150.129 #
35)	L7 AR-1260-5	8.254	6.781	4166307	4127720	144.582	138.831
36)	L8 AR-1262-1	7.712	6.321	2753797	1317521	115.352	53.568 #
37)	L8 AR-1262-2	8.254	6.781	4166307	4127720	106.142	105.582
38)	L8 AR-1262-3	8.572	7.055	2681667	1909804	105.278	118.212
39)	L8 AR-1262-4	8.622	7.115	1157912	3719483	55.669	136.247 #
40)	L8 AR-1262-5	9.277	7.601	631133	1214998	49.476	107.853 #
41)	L9 AR-1268-1	8.572	7.055	2681667	1909804	51.029	37.254 #
42)	L9 AR-1268-2	8.622	7.115	1157912	3719483	24.293	84.877 #
43)	L9 AR-1268-3	0.000	7.320	0	561076	N.D.	14.275 #

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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	9.277	7.601	631133	1214998	40.757	86.443 #
45) L9	AR-1268-5	0.000	7.866	0	1416648	N.D.	14.013 #

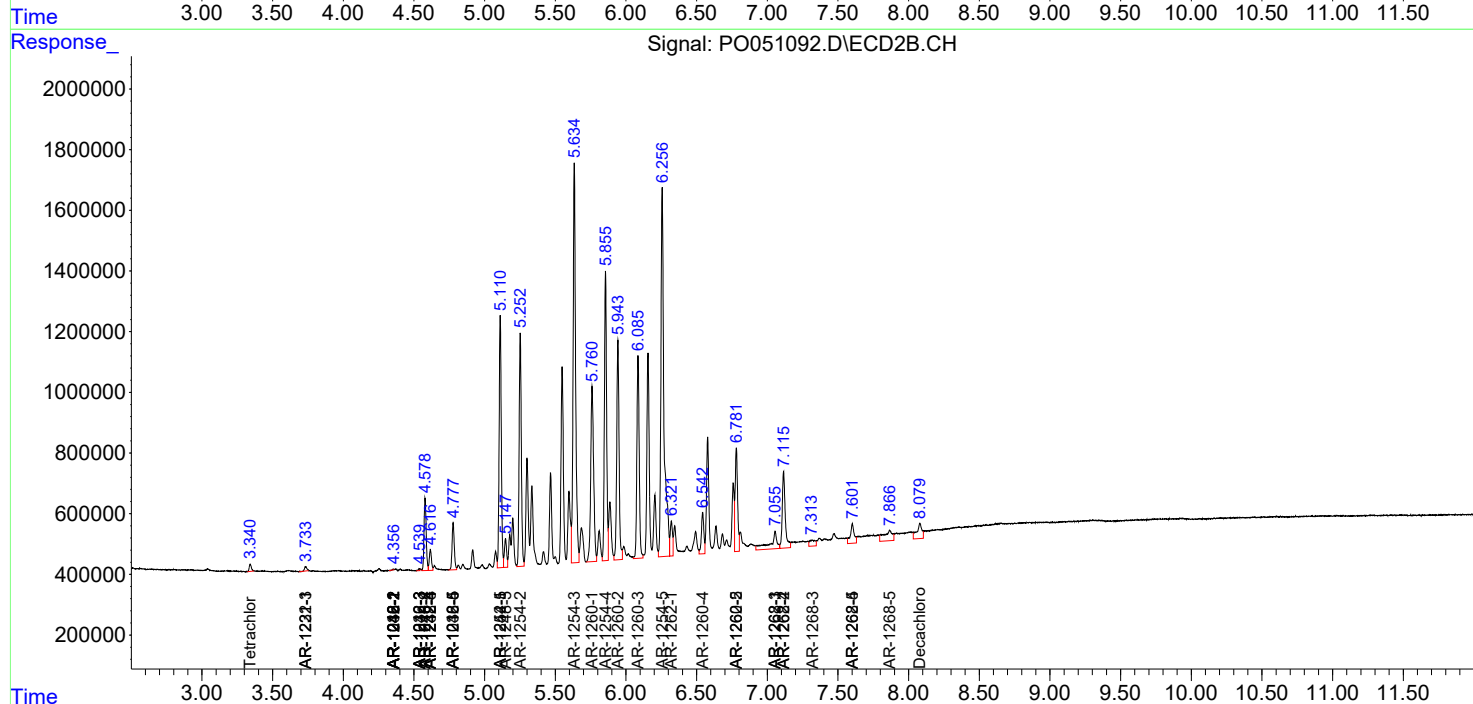
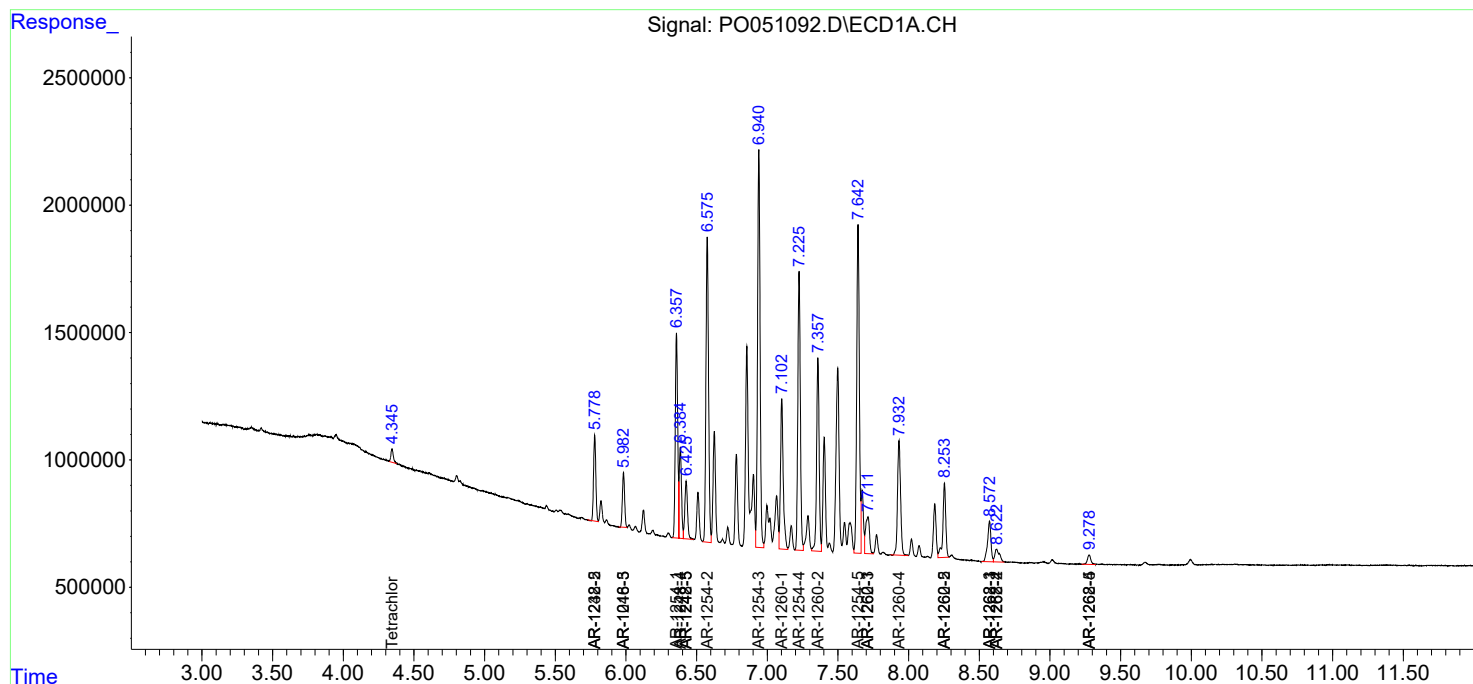
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

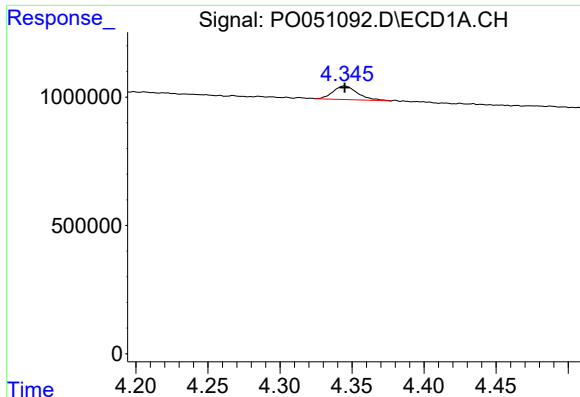
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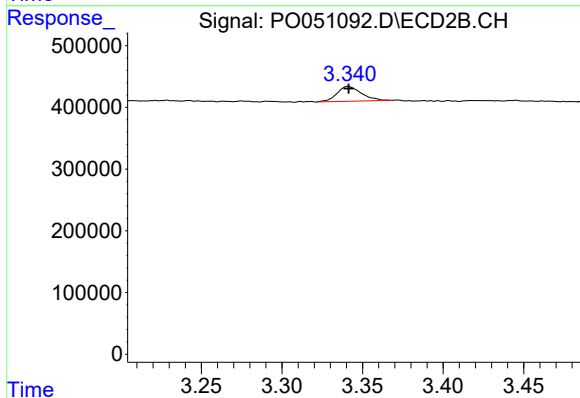




#1 Tetrachloro-m-xylene

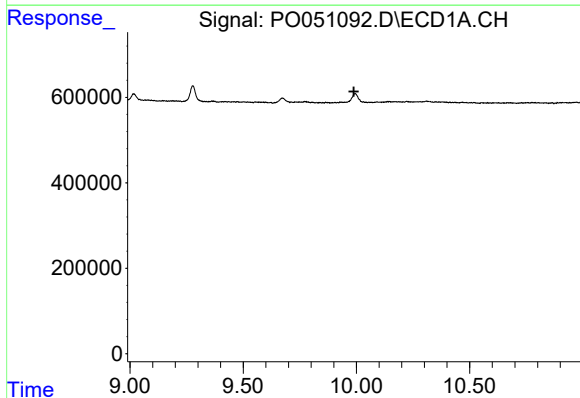
R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 627921
Conc: 1.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



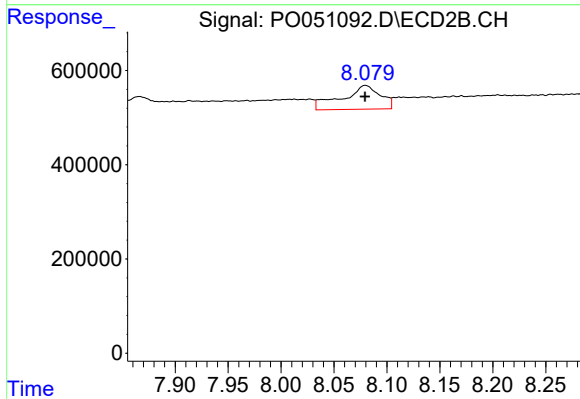
#1 Tetrachloro-m-xylene

R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 255543
Conc: 1.26 ng/ml



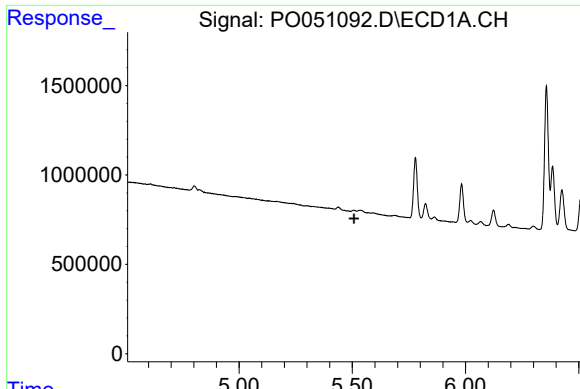
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 9.989 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

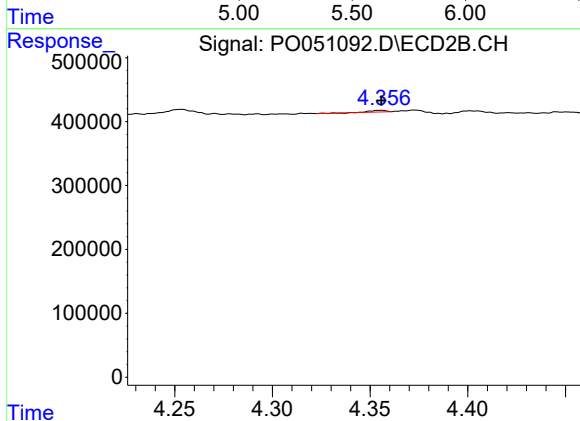
R.T.: 8.080 min
Delta R.T.: 0.000 min
Response: 1264183
Conc: 5.71 ng/ml



#3 AR-1016-1

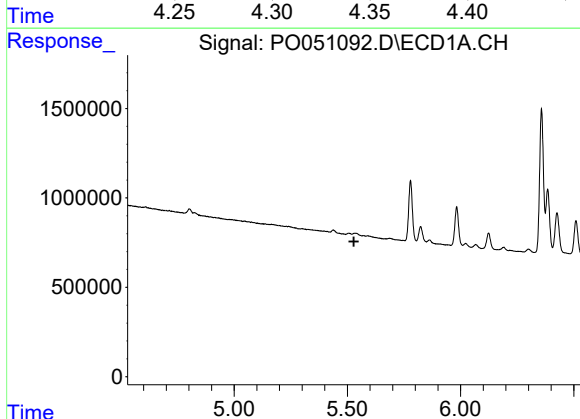
R.T.: 0.000 min
Exp R.T. : 5.507 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



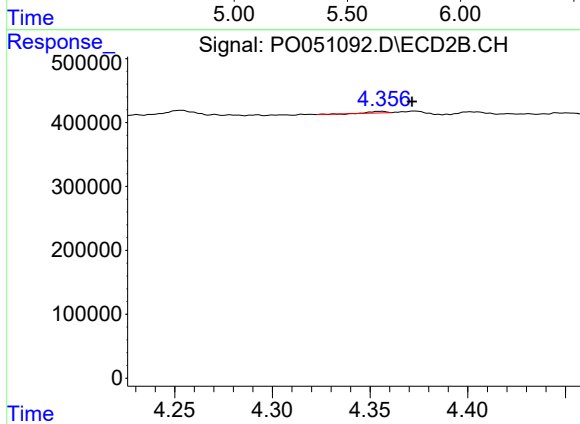
#3 AR-1016-1

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 14716
Conc: 2.17 ng/ml



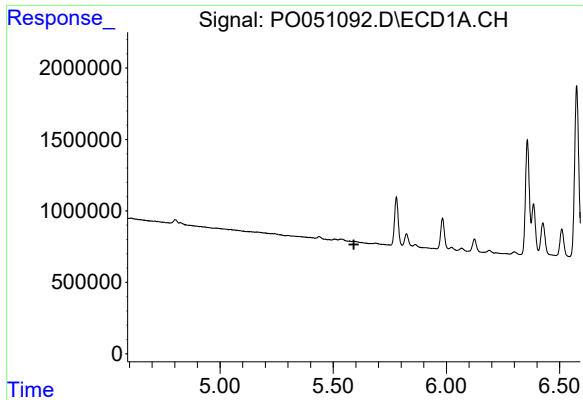
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.529 min
Response: 0
Conc: N.D.



#4 AR-1016-2

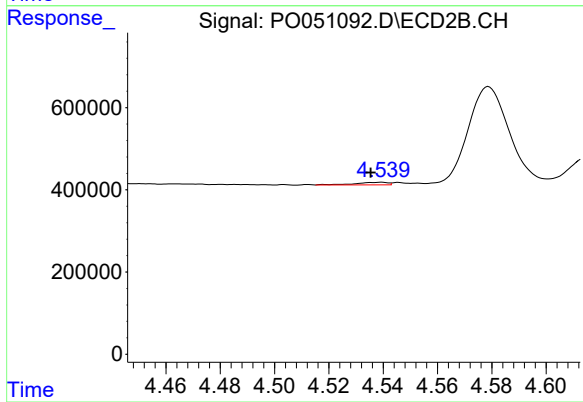
R.T.: 4.356 min
Delta R.T.: -0.016 min
Response: 14716
Conc: 1.32 ng/ml



#5 AR-1016-3

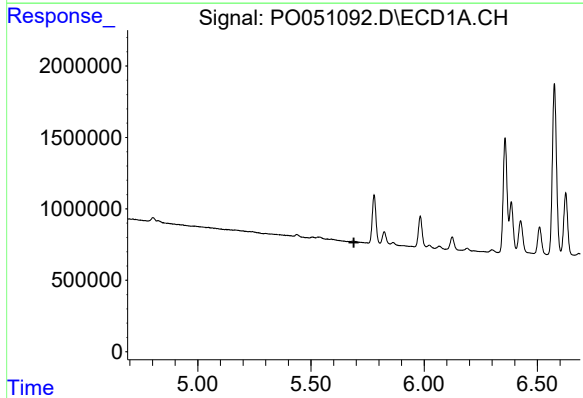
R.T.: 0.000 min
Exp R.T.: 5.591 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



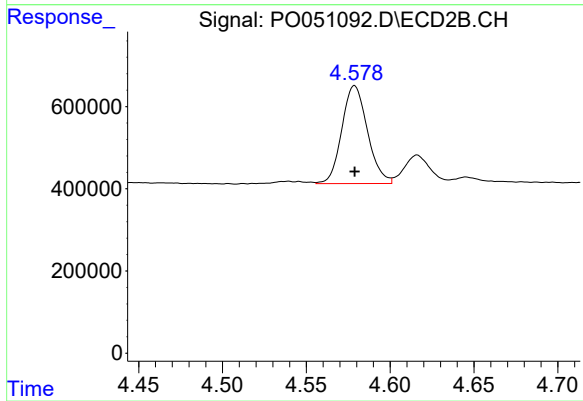
#5 AR-1016-3

R.T.: 4.539 min
Delta R.T.: 0.004 min
Response: 50543
Conc: 8.93 ng/ml



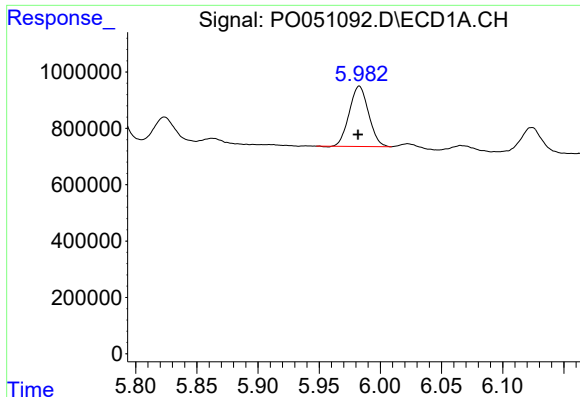
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.689 min
Response: 0
Conc: N.D.



#6 AR-1016-4

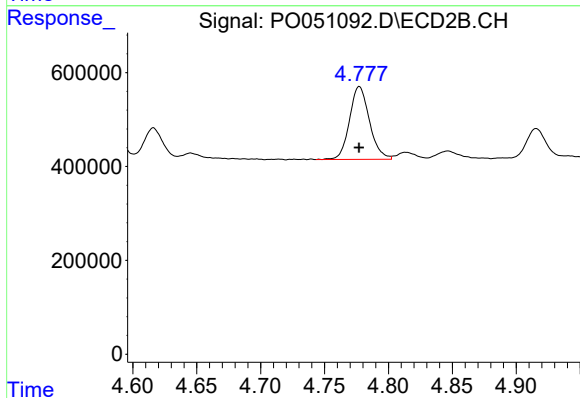
R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 2542147
Conc: 539.96 ng/ml



#7 AR-1016-5

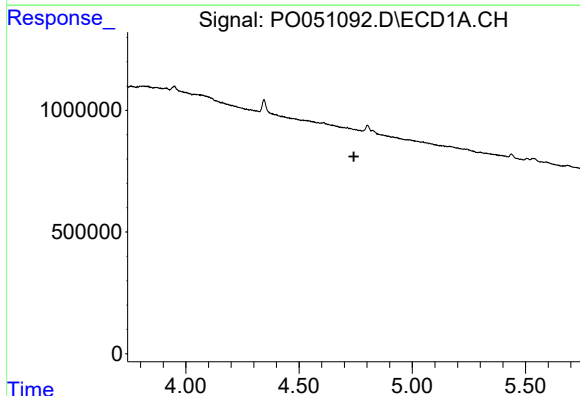
R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 2354486
Conc: 325.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



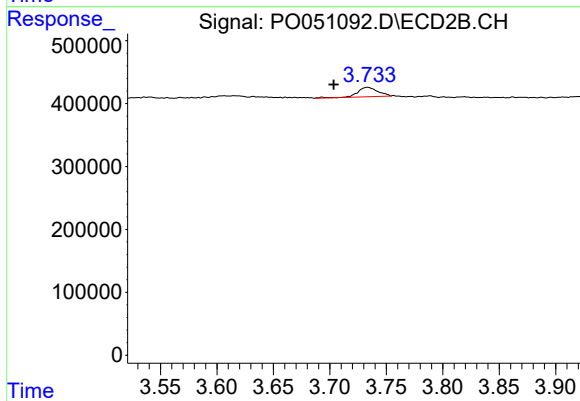
#7 AR-1016-5

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 1690636
Conc: 275.13 ng/ml



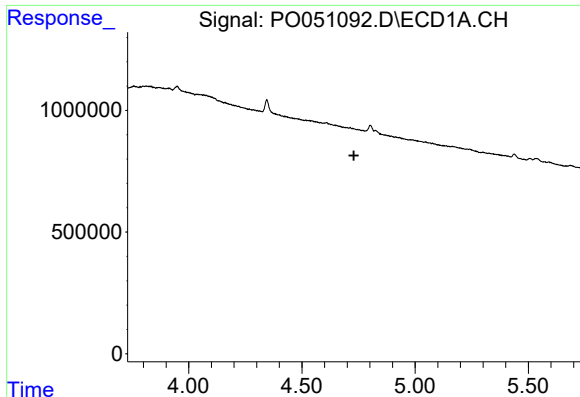
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.742 min
Response: 0
Conc: N.D.



#10 AR-1221-3

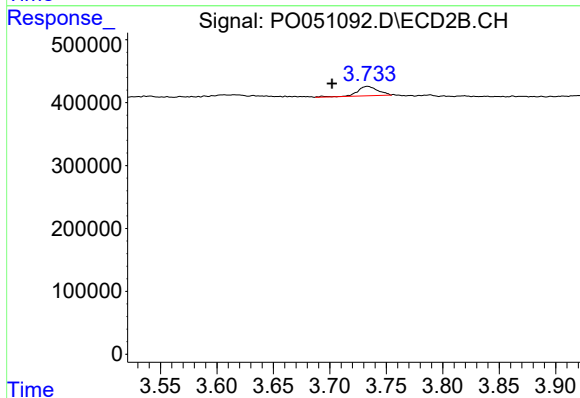
R.T.: 3.733 min
Delta R.T.: 0.030 min
Response: 186223
Conc: 36.62 ng/ml



#11 AR-1232-1

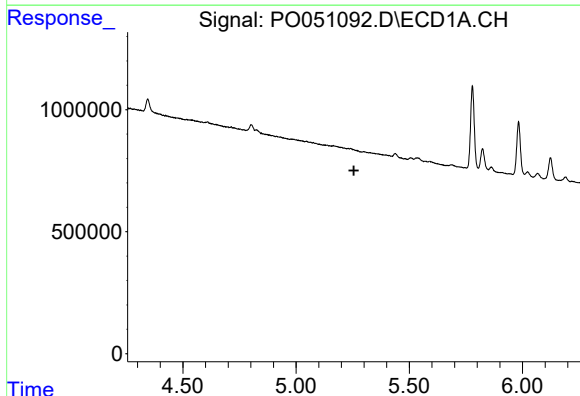
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



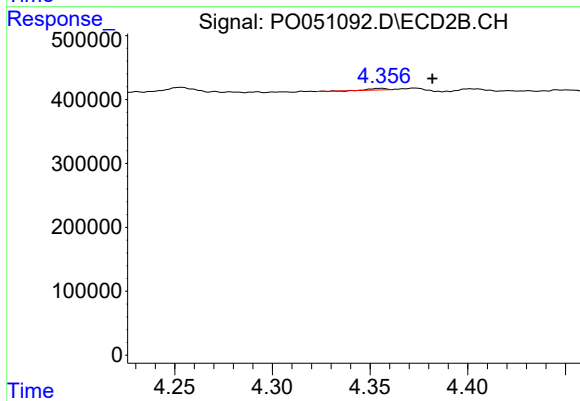
#11 AR-1232-1

R.T.: 3.733 min
Delta R.T.: 0.031 min
Response: 186223
Conc: 48.29 ng/ml



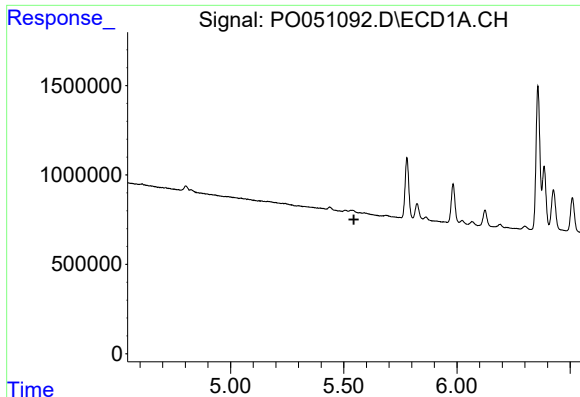
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.



#12 AR-1232-2

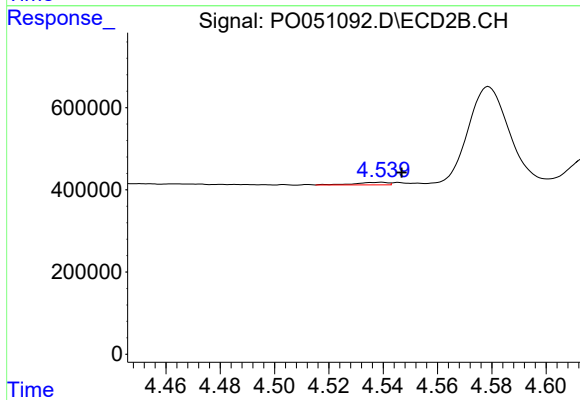
R.T.: 4.356 min
Delta R.T.: -0.026 min
Response: 14716
Conc: 3.00 ng/ml



#13 AR-1232-3

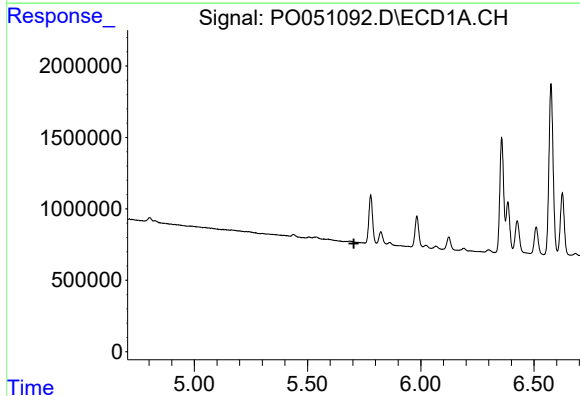
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



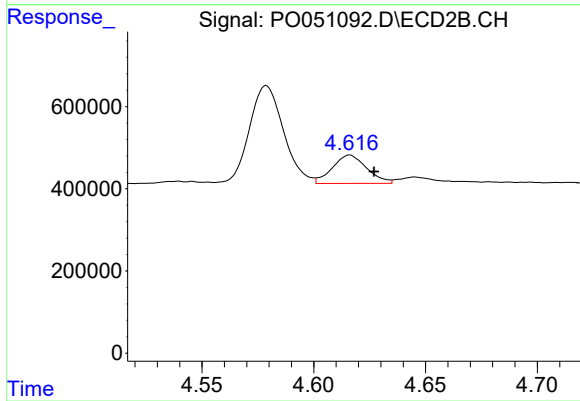
#13 AR-1232-3

R.T.: 4.539 min
Delta R.T.: -0.007 min
Response: 50543
Conc: 21.26 ng/ml



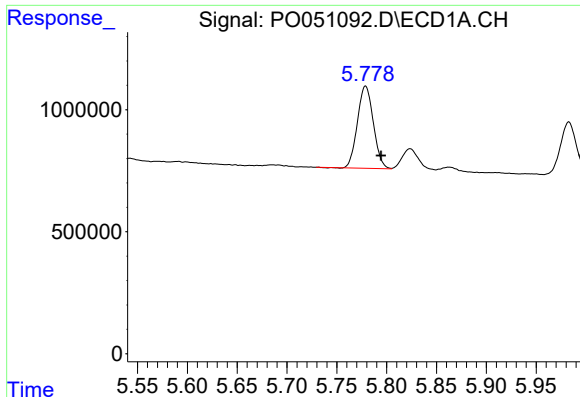
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.705 min
Response: 0
Conc: N.D.



#14 AR-1232-4

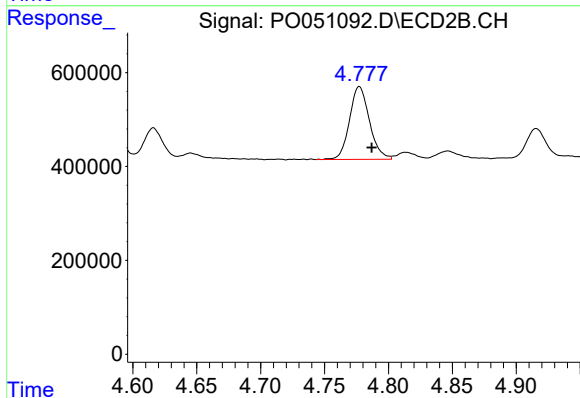
R.T.: 4.616 min
Delta R.T.: -0.011 min
Response: 738545
Conc: 371.40 ng/ml



#15 AR-1232-5

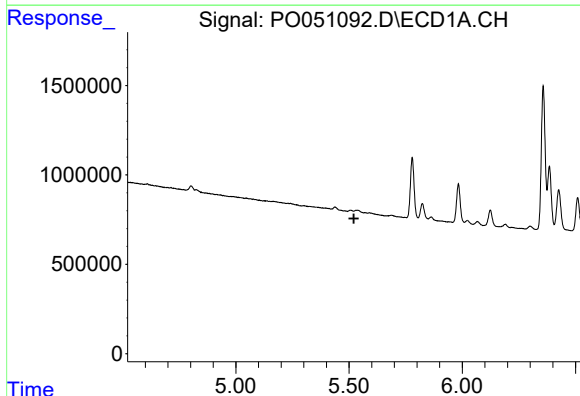
R.T.: 5.779 min
Delta R.T.: -0.016 min
Response: 3748313
Conc: 1500.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



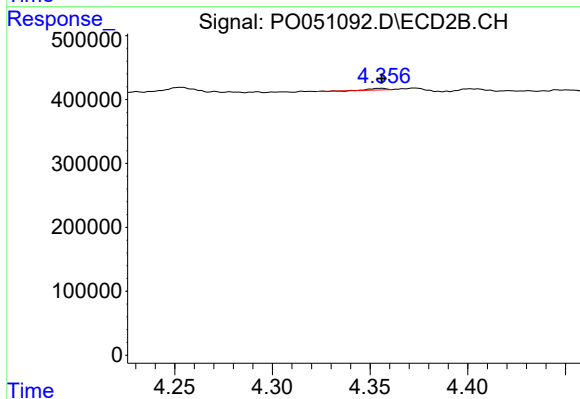
#15 AR-1232-5

R.T.: 4.777 min
Delta R.T.: -0.010 min
Response: 1690636
Conc: 744.85 ng/ml



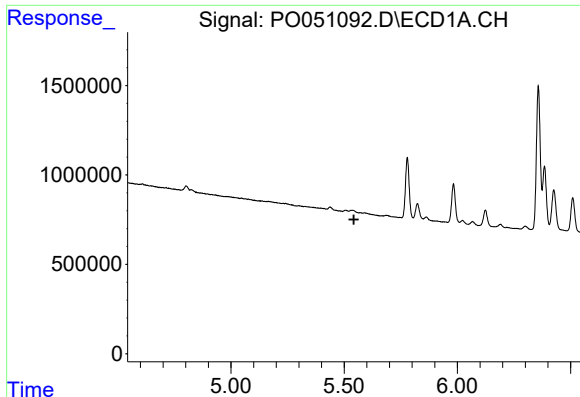
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.521 min
Response: 0
Conc: N.D.



#16 AR-1242-1

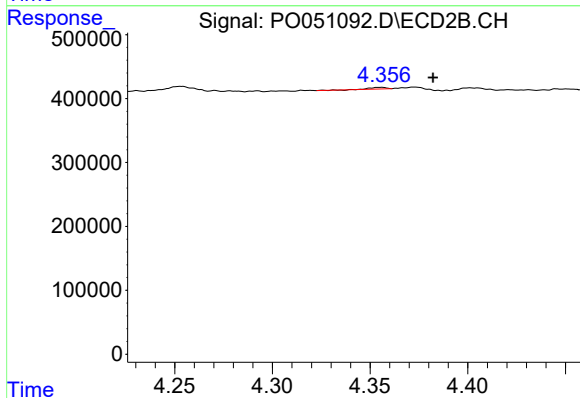
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 14716
Conc: 2.56 ng/ml



#17 AR-1242-2

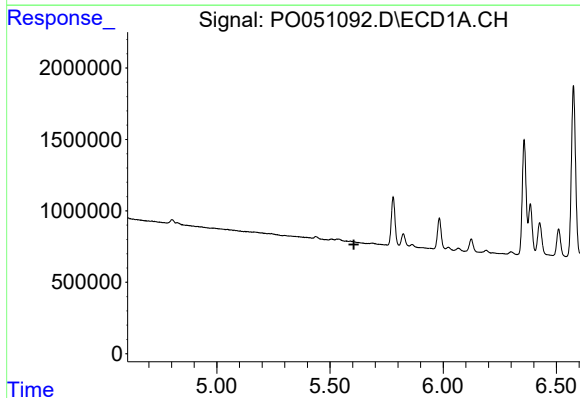
R.T.: 0.000 min
Exp R.T.: 5.543 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



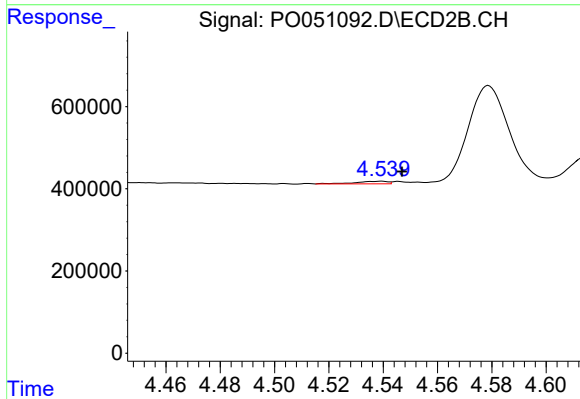
#17 AR-1242-2

R.T.: 4.356 min
Delta R.T.: -0.027 min
Response: 14716
Conc: 1.52 ng/ml



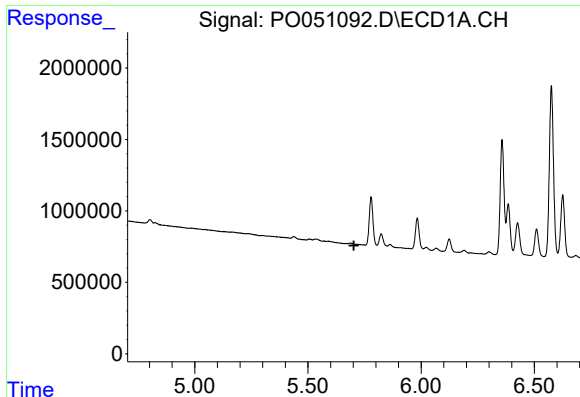
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.605 min
Response: 0
Conc: N.D.



#18 AR-1242-3

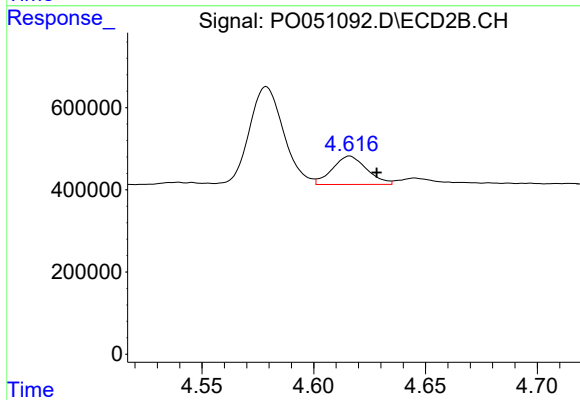
R.T.: 4.539 min
Delta R.T.: -0.008 min
Response: 50543
Conc: 10.31 ng/ml



#19 AR-1242-4

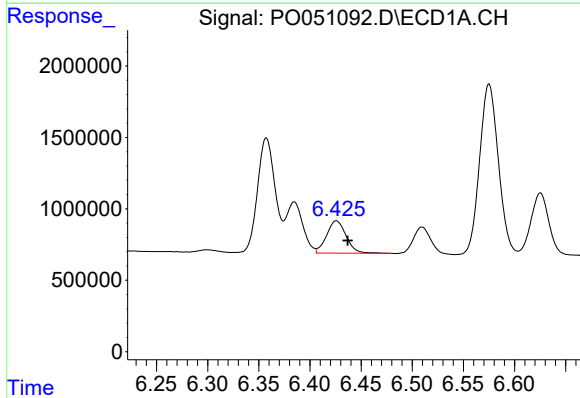
R.T.: 0.000 min
Exp R.T.: 5.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



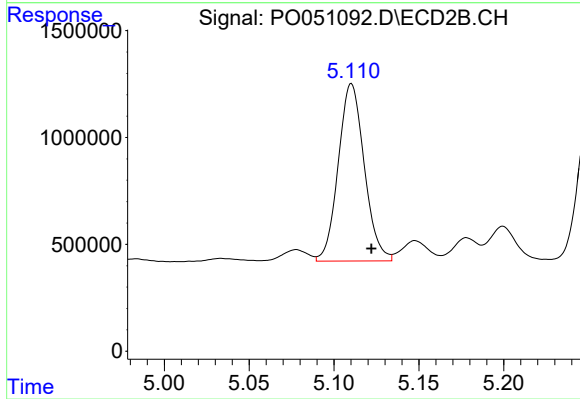
#19 AR-1242-4

R.T.: 4.616 min
Delta R.T.: -0.012 min
Response: 738545
Conc: 154.05 ng/ml



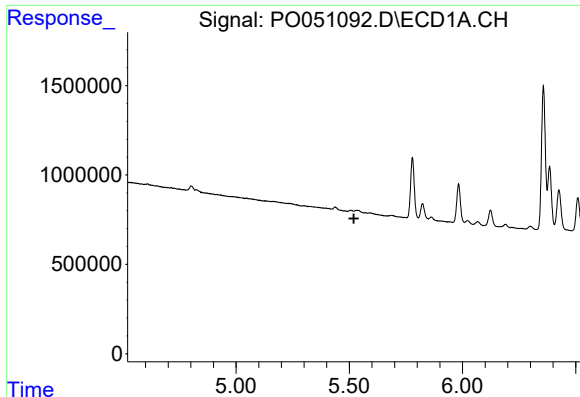
#20 AR-1242-5

R.T.: 6.426 min
Delta R.T.: -0.011 min
Response: 3005634
Conc: 401.67 ng/ml



#20 AR-1242-5

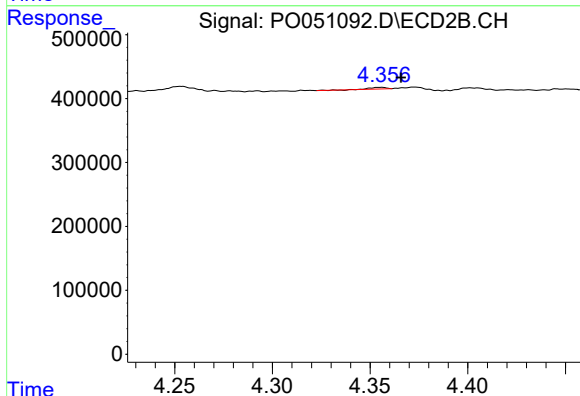
R.T.: 5.110 min
Delta R.T.: -0.012 min
Response: 8861591
Conc: 1375.66 ng/ml



#21 AR-1248-1

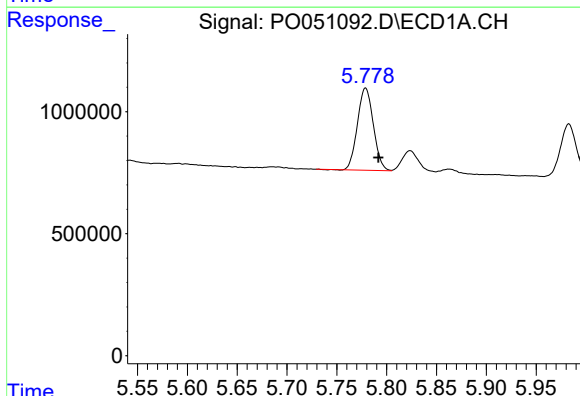
R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



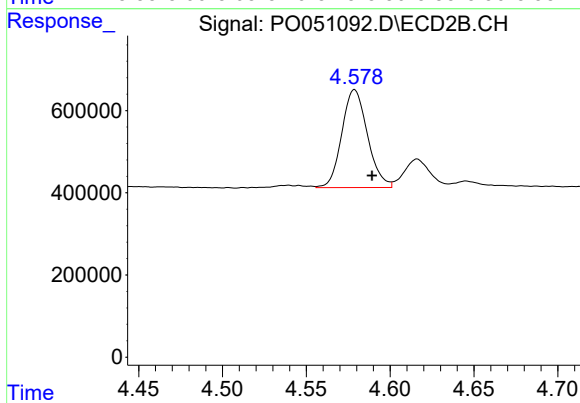
#21 AR-1248-1

R.T.: 4.356 min
Delta R.T.: -0.010 min
Response: 14716
Conc: 2.89 ng/ml



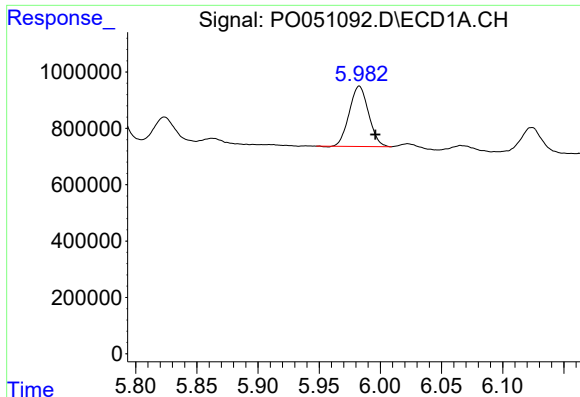
#22 AR-1248-2

R.T.: 5.779 min
Delta R.T.: -0.013 min
Response: 3748313
Conc: 396.24 ng/ml



#22 AR-1248-2

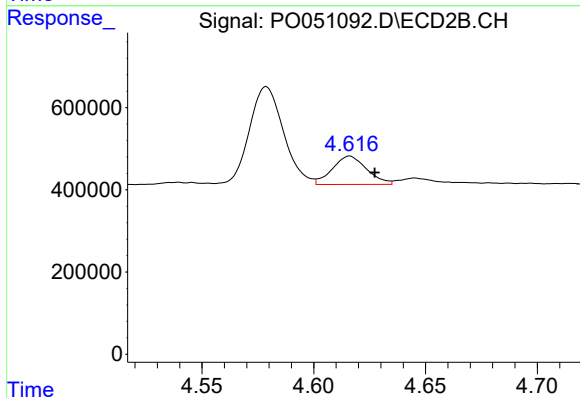
R.T.: 4.579 min
Delta R.T.: -0.010 min
Response: 2542147
Conc: 408.06 ng/ml



#23 AR-1248-3

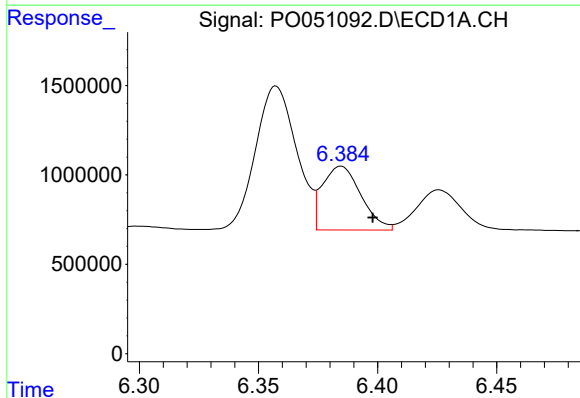
R.T.: 5.983 min
Delta R.T.: -0.013 min
Response: 2354486
Conc: 219.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



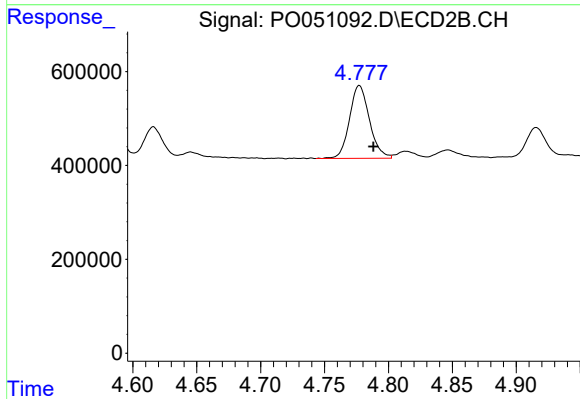
#23 AR-1248-3

R.T.: 4.616 min
Delta R.T.: -0.011 min
Response: 738545
Conc: 119.56 ng/ml



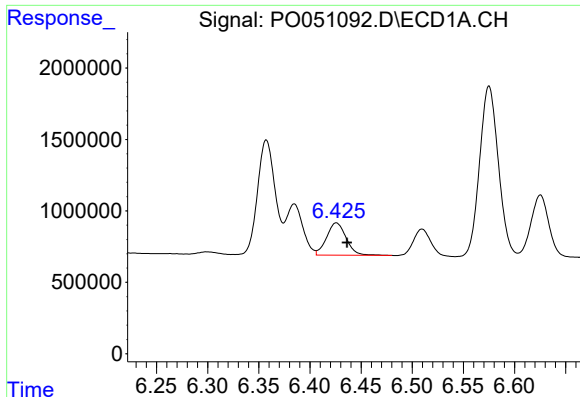
#24 AR-1248-4

R.T.: 6.385 min
Delta R.T.: -0.013 min
Response: 4016570
Conc: 327.46 ng/ml



#24 AR-1248-4

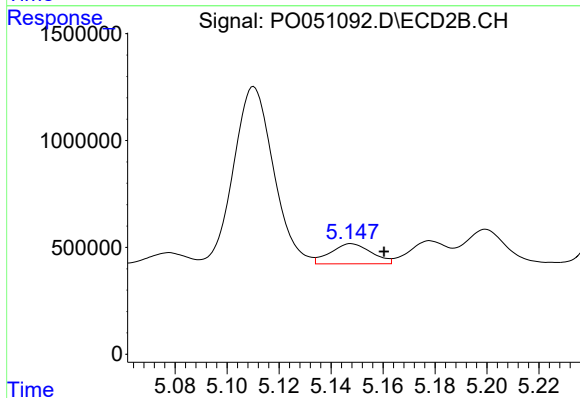
R.T.: 4.777 min
Delta R.T.: -0.011 min
Response: 1690636
Conc: 234.34 ng/ml



#25 AR-1248-5

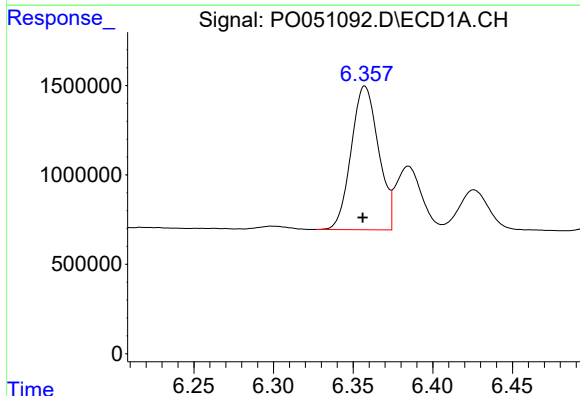
R.T.: 6.426 min
Delta R.T.: -0.011 min
Response: 3005634
Conc: 257.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



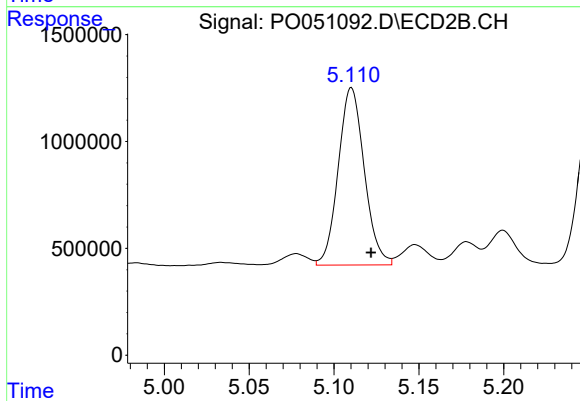
#25 AR-1248-5

R.T.: 5.148 min
Delta R.T.: -0.013 min
Response: 1029183
Conc: 131.69 ng/ml



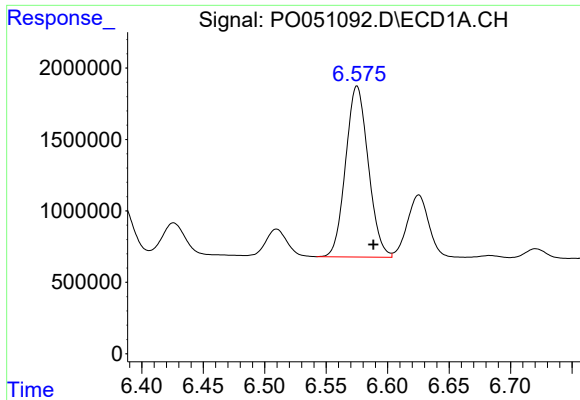
#26 AR-1254-1

R.T.: 6.357 min
Delta R.T.: 0.001 min
Response: 9596090
Conc: 696.49 ng/ml



#26 AR-1254-1

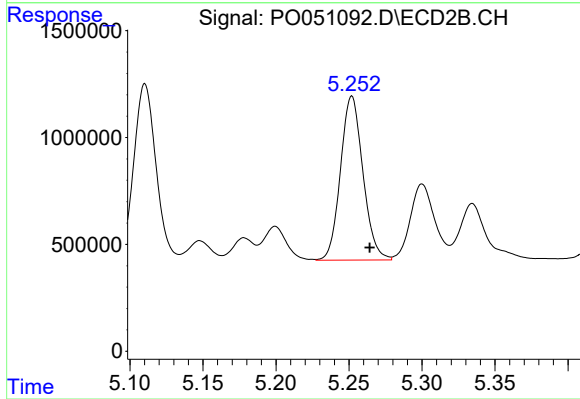
R.T.: 5.110 min
Delta R.T.: -0.012 min
Response: 8861591
Conc: 633.32 ng/ml



#27 AR-1254-2

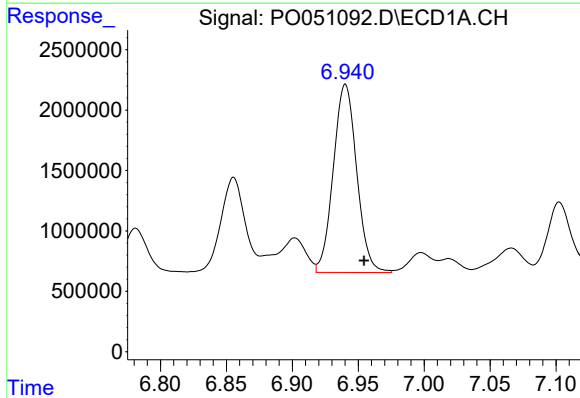
R.T.: 6.575 min
Delta R.T.: -0.013 min
Response: 15356365
Conc: 711.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



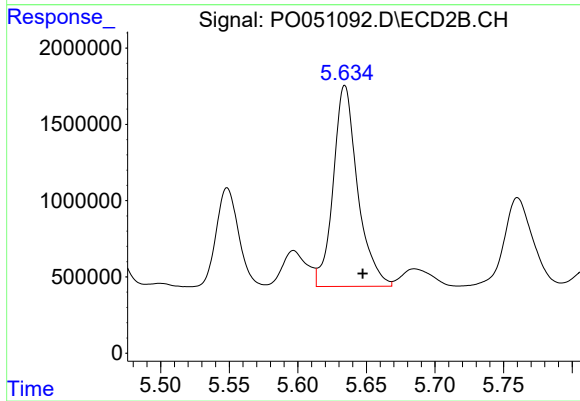
#27 AR-1254-2

R.T.: 5.252 min
Delta R.T.: -0.012 min
Response: 8223812
Conc: 659.44 ng/ml



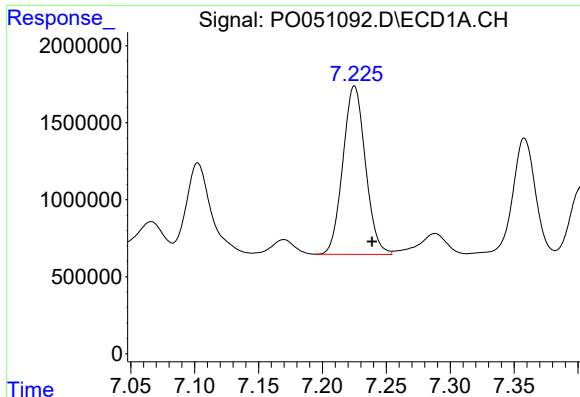
#28 AR-1254-3

R.T.: 6.940 min
Delta R.T.: -0.014 min
Response: 19239467
Conc: 843.52 ng/ml



#28 AR-1254-3

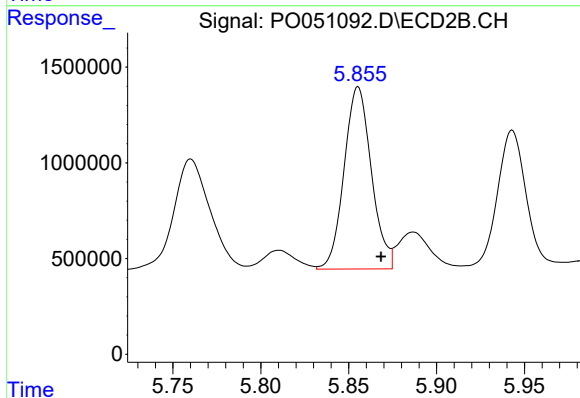
R.T.: 5.634 min
Delta R.T.: -0.013 min
Response: 16331209
Conc: 808.38 ng/ml



#29 AR-1254-4

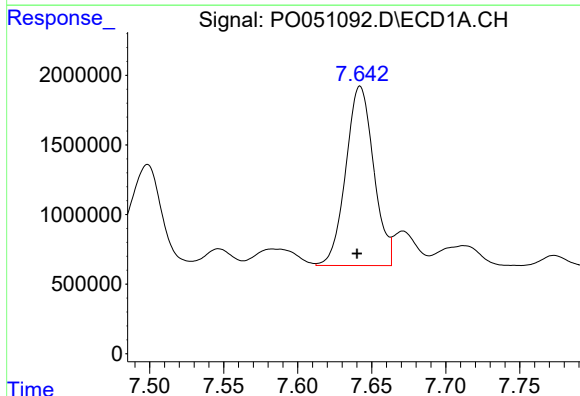
R.T.: 7.225 min
Delta R.T.: -0.014 min
Response: 13427204
Conc: 792.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



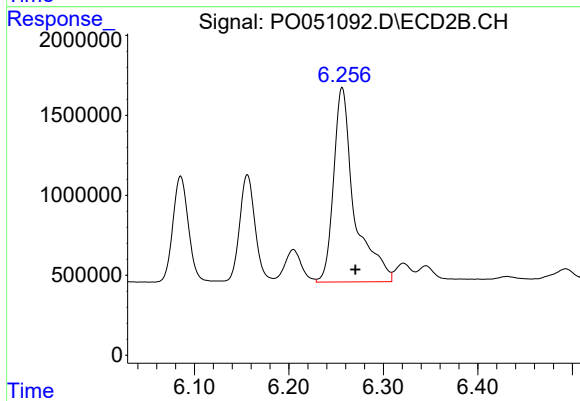
#29 AR-1254-4

R.T.: 5.855 min
Delta R.T.: -0.013 min
Response: 10296499
Conc: 763.57 ng/ml



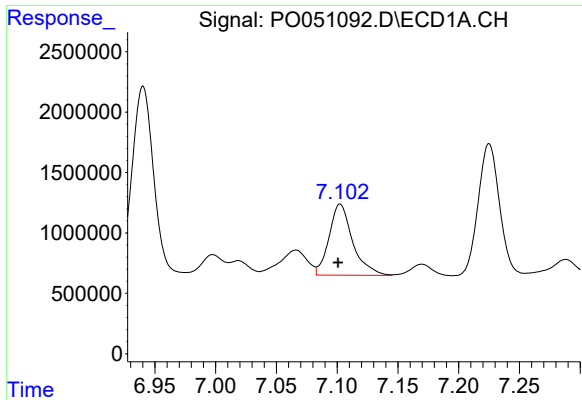
#30 AR-1254-5

R.T.: 7.642 min
Delta R.T.: 0.002 min
Response: 16883383
Conc: 949.18 ng/ml



#30 AR-1254-5

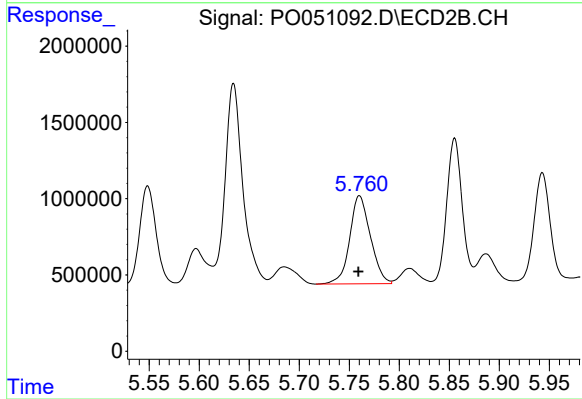
R.T.: 6.256 min
Delta R.T.: -0.014 min
Response: 18560505
Conc: 945.13 ng/ml



#31 AR-1260-1

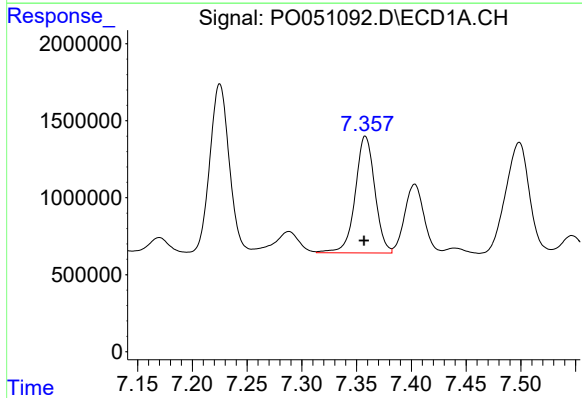
R.T.: 7.102 min
Delta R.T.: 0.002 min
Response: 7977988
Conc: 522.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



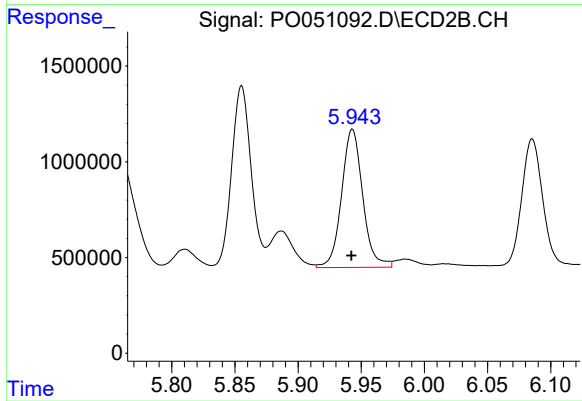
#31 AR-1260-1

R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 8322826
Conc: 623.40 ng/ml



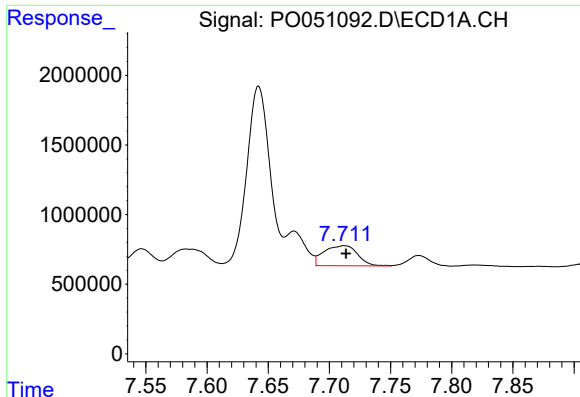
#32 AR-1260-2

R.T.: 7.358 min
Delta R.T.: 0.001 min
Response: 9447076
Conc: 483.11 ng/ml



#32 AR-1260-2

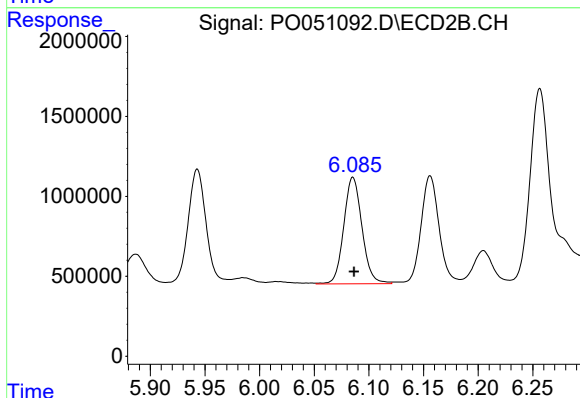
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 8426665
Conc: 454.24 ng/ml



#33 AR-1260-3

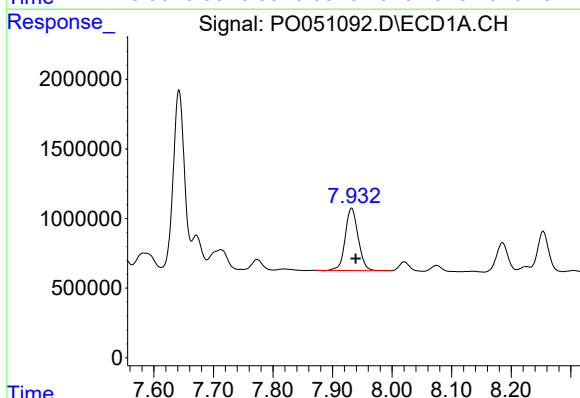
R.T.: 7.712 min
Delta R.T.: -0.001 min
Response: 2753797
Conc: 218.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



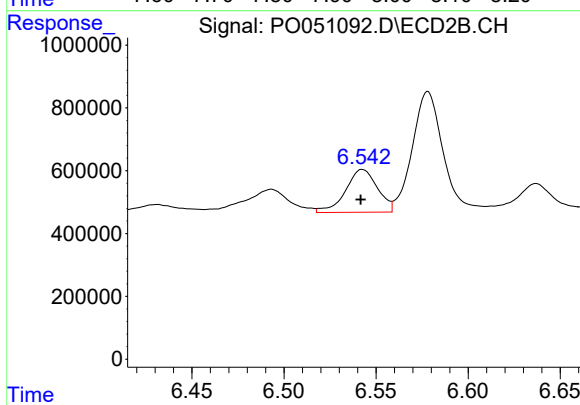
#33 AR-1260-3

R.T.: 6.085 min
Delta R.T.: -0.001 min
Response: 7751356
Conc: 500.66 ng/ml



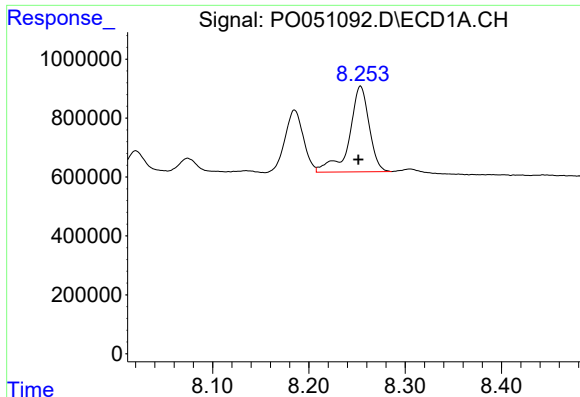
#34 AR-1260-4

R.T.: 7.932 min
Delta R.T.: -0.007 min
Response: 6775591
Conc: 484.35 ng/ml



#34 AR-1260-4

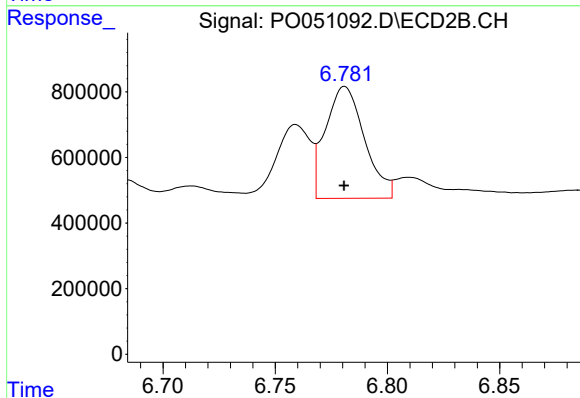
R.T.: 6.543 min
Delta R.T.: 0.001 min
Response: 1648795
Conc: 150.13 ng/ml



#35 AR-1260-5

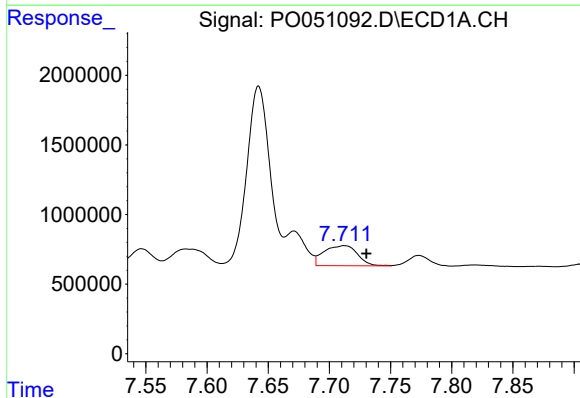
R.T.: 8.254 min
Delta R.T.: 0.002 min
Response: 4166307
Conc: 144.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



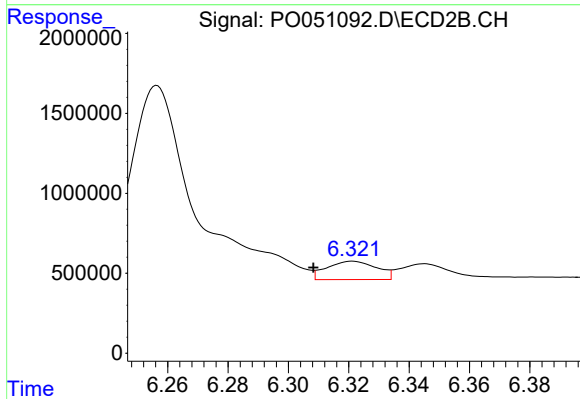
#35 AR-1260-5

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 4127720
Conc: 138.83 ng/ml



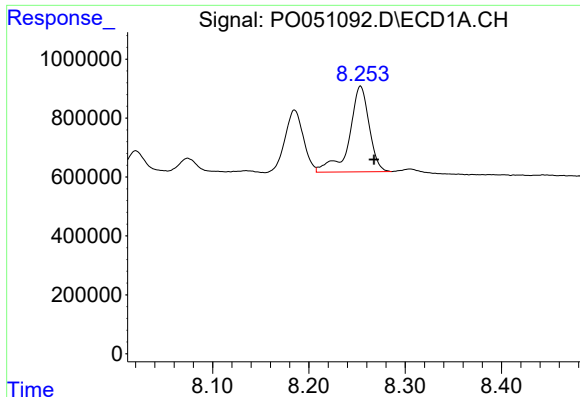
#36 AR-1262-1

R.T.: 7.712 min
Delta R.T.: -0.018 min
Response: 2753797
Conc: 115.35 ng/ml



#36 AR-1262-1

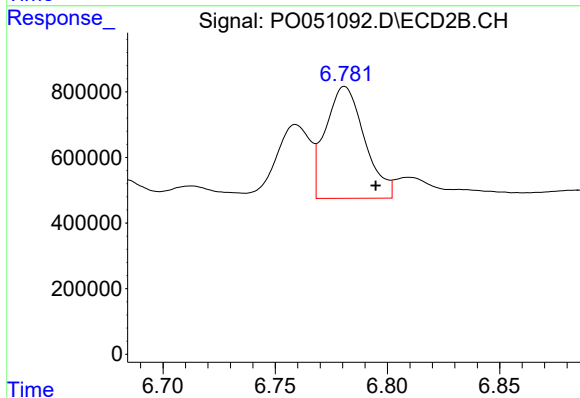
R.T.: 6.321 min
Delta R.T.: 0.013 min
Response: 1317521
Conc: 53.57 ng/ml



#37 AR-1262-2

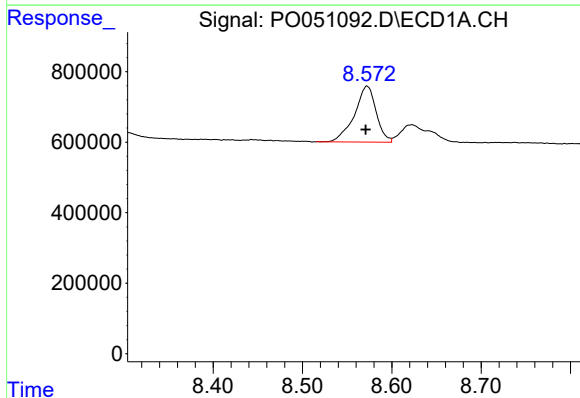
R.T.: 8.254 min
Delta R.T.: -0.014 min
Response: 4166307
Conc: 106.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



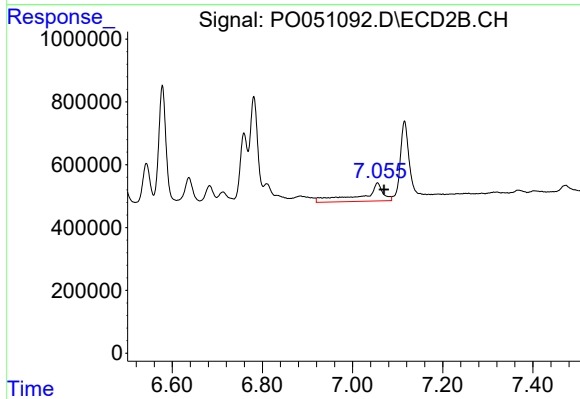
#37 AR-1262-2

R.T.: 6.781 min
Delta R.T.: -0.014 min
Response: 4127720
Conc: 105.58 ng/ml



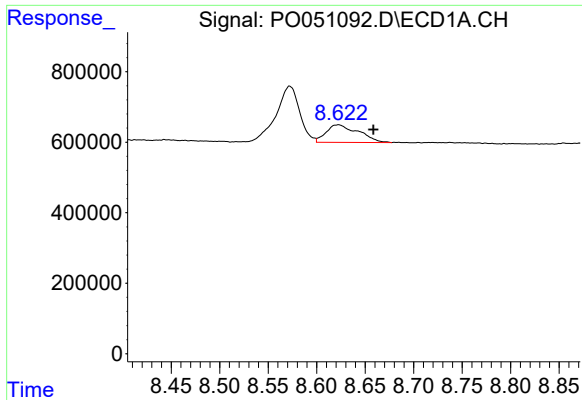
#38 AR-1262-3

R.T.: 8.572 min
Delta R.T.: 0.002 min
Response: 2681667
Conc: 105.28 ng/ml



#38 AR-1262-3

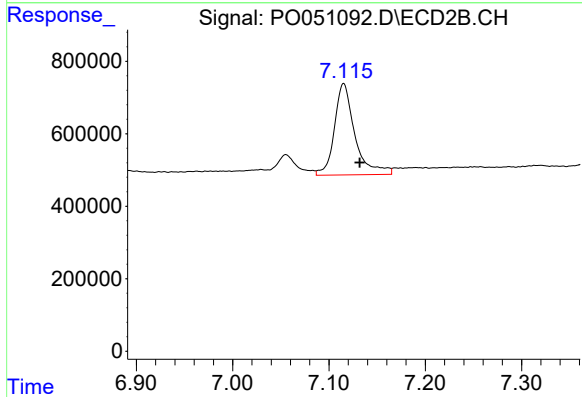
R.T.: 7.055 min
Delta R.T.: -0.014 min
Response: 1909804
Conc: 118.21 ng/ml



#39 AR-1262-4

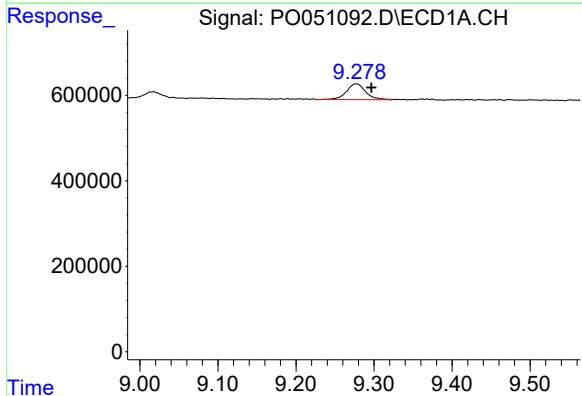
R.T.: 8.622 min
Delta R.T.: -0.036 min
Response: 1157912
Conc: 55.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



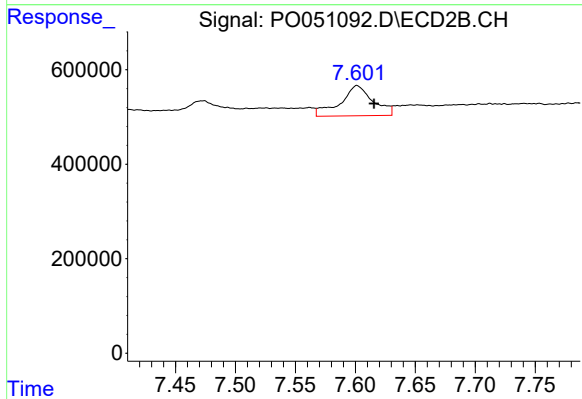
#39 AR-1262-4

R.T.: 7.115 min
Delta R.T.: -0.016 min
Response: 3719483
Conc: 136.25 ng/ml



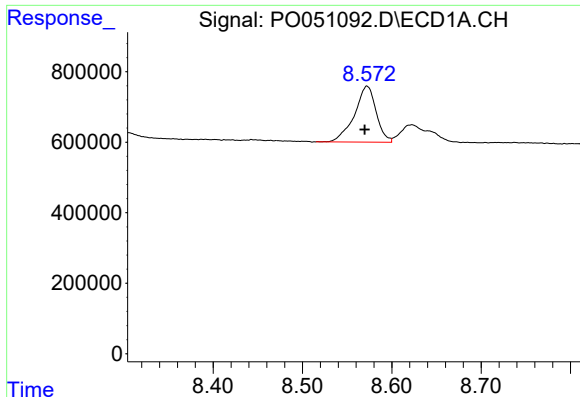
#40 AR-1262-5

R.T.: 9.277 min
Delta R.T.: -0.019 min
Response: 631133
Conc: 49.48 ng/ml



#40 AR-1262-5

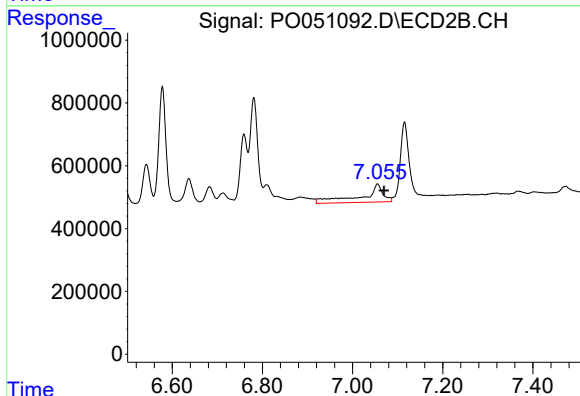
R.T.: 7.601 min
Delta R.T.: -0.014 min
Response: 1214998
Conc: 107.85 ng/ml



#41 AR-1268-1

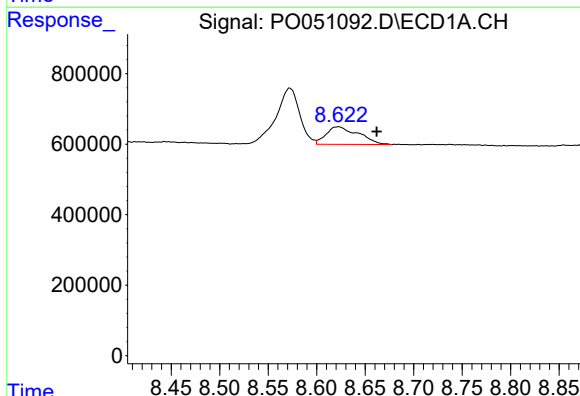
R.T.: 8.572 min
Delta R.T.: 0.003 min
Response: 2681667
Conc: 51.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



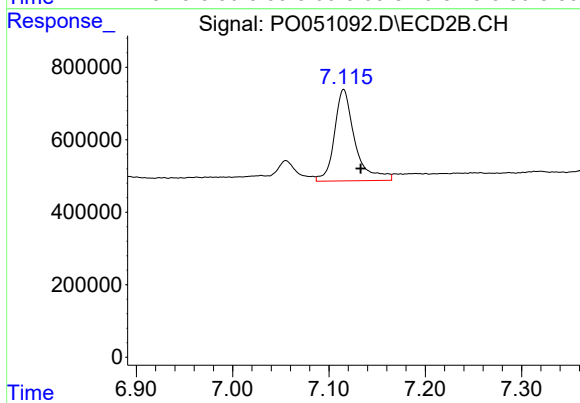
#41 AR-1268-1

R.T.: 7.055 min
Delta R.T.: -0.015 min
Response: 1909804
Conc: 37.25 ng/ml



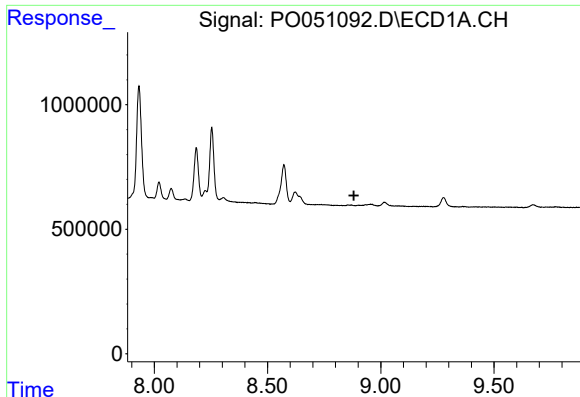
#42 AR-1268-2

R.T.: 8.622 min
Delta R.T.: -0.039 min
Response: 1157912
Conc: 24.29 ng/ml



#42 AR-1268-2

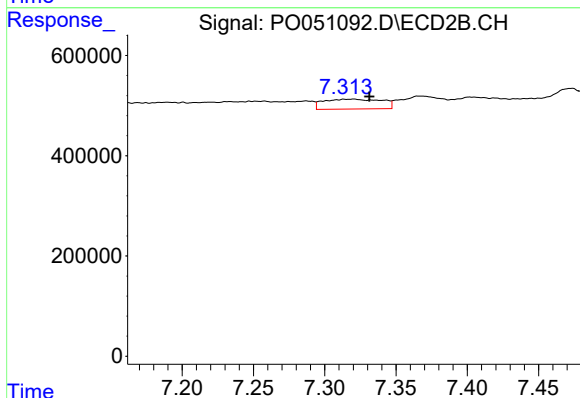
R.T.: 7.115 min
Delta R.T.: -0.018 min
Response: 3719483
Conc: 84.88 ng/ml



#43 AR-1268-3

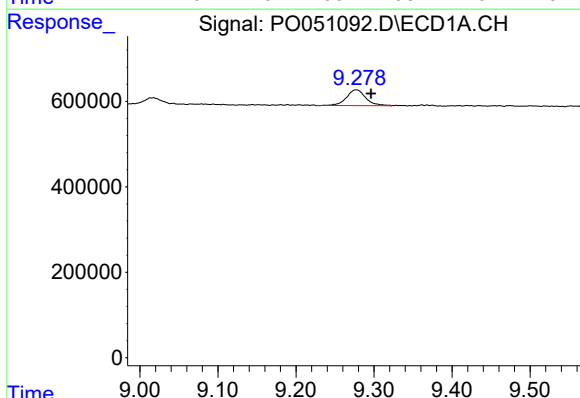
R.T.: 0.000 min
Exp R.T.: 8.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



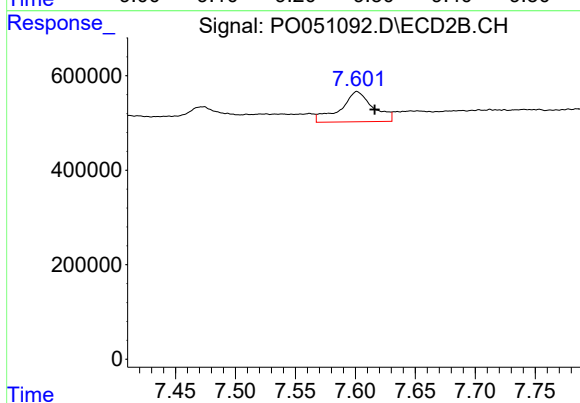
#43 AR-1268-3

R.T.: 7.320 min
Delta R.T.: -0.011 min
Response: 561076
Conc: 14.27 ng/ml



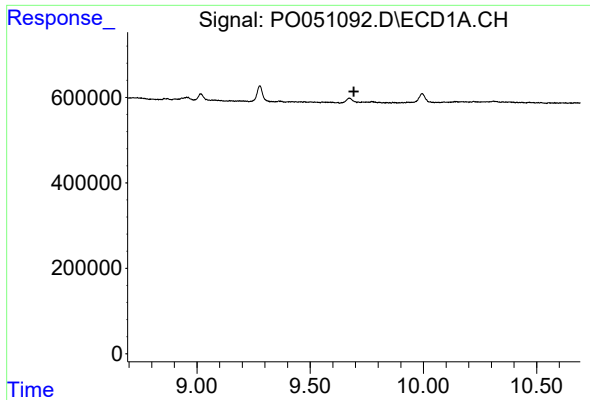
#44 AR-1268-4

R.T.: 9.277 min
Delta R.T.: -0.019 min
Response: 631133
Conc: 40.76 ng/ml



#44 AR-1268-4

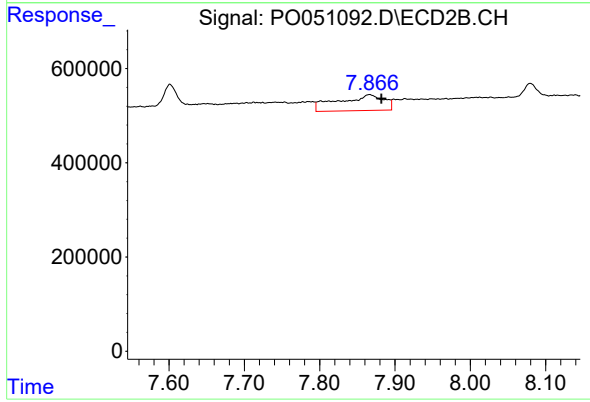
R.T.: 7.601 min
Delta R.T.: -0.015 min
Response: 1214998
Conc: 86.44 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.693 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.866 min
Delta R.T.: -0.016 min
Response: 1416648
Conc: 14.01 ng/ml