

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103018\
 Data File : PO050770.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2018 17:44
 Operator : SM/SJ
 Sample : PB114278BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 00:57:22 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 30 07:48:38 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...	4.355	3.349	9312644	3666749	18.631	16.870
2)	SA Decachlor...	10.014	8.094	5453407	4200682	17.545	16.423
Target Compounds							
3)	L1 AR-1016-1	5.518	4.365	3001091	1373768	157.326	149.490
4)	L1 AR-1016-2	5.541	4.381	4562737	2268097	163.761	146.366
5)	L1 AR-1016-3	5.602	4.546	2644751	1203815	160.679	150.295
6)	L1 AR-1016-4	5.702	4.589	2171634	905106	161.745	148.750
7)	L1 AR-1016-5	5.994	4.788	2225155	1227899	164.922	142.290
8)	L2 AR-1221-1	0.000	3.554	0	9317	N.D.	5.512 #
9)	L2 AR-1221-2	4.726	3.634	1375161	178416	453.861	140.193 #
10)	L2 AR-1221-3	4.726	3.702	1375161	630433	115.575	147.414 #
11)	L3 AR-1232-1	4.726	3.702	1375161	630433	160.647	157.703
12)	L3 AR-1232-2	5.252	4.381	2166147	2268097	464.856	474.134
13)	L3 AR-1232-3	5.541	4.546	4562737	1203815	495.774	461.646
14)	L3 AR-1232-4	5.702	4.626	2171634	1060692	481.048	475.804
15)	L3 AR-1232-5	5.791	4.788	1557475	1227899	524.775	461.664
16)	L4 AR-1242-1	5.518	4.365	3001091	1373768	238.100	234.078
17)	L4 AR-1242-2	5.541	4.381	4562737	2268097	247.259	227.028
18)	L4 AR-1242-3	5.602	4.546	2644751	1203815	247.823	238.396
19)	L4 AR-1242-4	5.702	4.626	2171634	1060692	249.556	222.043
20)	L4 AR-1242-5	6.368	5.120	1060249	1039479	113.667	161.347 #
21)	L5 AR-1248-1	5.518	4.365	3001091	1373768	308.821	297.774
22)	L5 AR-1248-2	5.791	4.589	1557475	905106	120.237	129.955
23)	L5 AR-1248-3	5.994	4.626	2225155	1060692	147.014	151.740
24)	L5 AR-1248-4	6.368	4.788	1060249	1227899	63.597	131.591 #
25)	L5 AR-1248-5	6.368	5.161	1060249	134150	67.917	13.952 #
26)	L6 AR-1254-1	6.368	5.120	1060249	1039479	48.284	54.213
27)	L6 AR-1254-2	6.585	5.262	1589701	999585	47.018	57.582
28)	L6 AR-1254-3	6.952	5.660	1070763	2177708	30.749	76.939 #
29)	L6 AR-1254-4	7.236	5.867	507540	173061	21.943	9.791 #
30)	L6 AR-1254-5	7.654	6.268	4889890	4173087	199.163	156.083
31)	L7 AR-1260-1	7.113	5.771	3588517	2999900	139.491	145.093
32)	L7 AR-1260-2	7.369	5.955	4175308	4152948	141.141	144.623
33)	L7 AR-1260-3	7.727	6.099	2541687	3387735	119.928	137.374
34)	L7 AR-1260-4	7.952	6.555	2929556	2551746	128.024	123.718
35)	L7 AR-1260-5	8.266	6.793	5316156	6716868	120.698	129.264
36)	L8 AR-1262-1	7.727	6.306	2541687	3257587	103.026	115.764
37)	L8 AR-1262-2	8.266	6.793	5316156	6716868	135.830	149.522
38)	L8 AR-1262-3	8.585	7.068	3214315	1171062	127.230	65.225 #
39)	L8 AR-1262-4	8.638	7.129	1928875	3931886	98.280	133.649 #
40)	L8 AR-1262-5	9.292	7.614	1133159	1106026	94.014	95.303
41)	L9 AR-1268-1	8.585	7.068	3214315	1171062	63.710	21.262 #

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 ALS Vial : 15 Sample Multiplier: 1

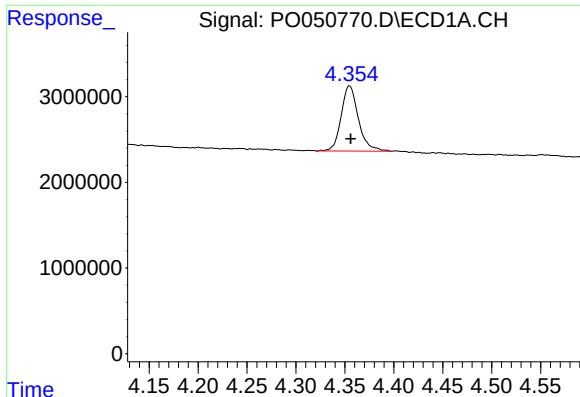
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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Volume Inj. : 2 µl
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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
42) L9	AR-1268-2	8.638	7.129	1928875	3931886	42.406	82.488 #
44) L9	AR-1268-4	9.292	7.614	1133159	1106026	79.995	79.169
45) L9	AR-1268-5	0.000	7.877	0	269067	N.D.	2.684 #

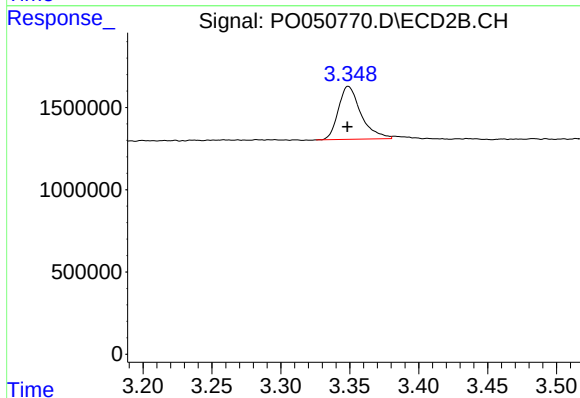
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

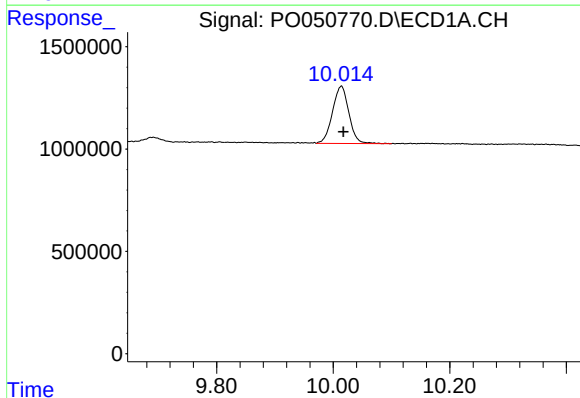
R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 9312644
Conc: 18.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



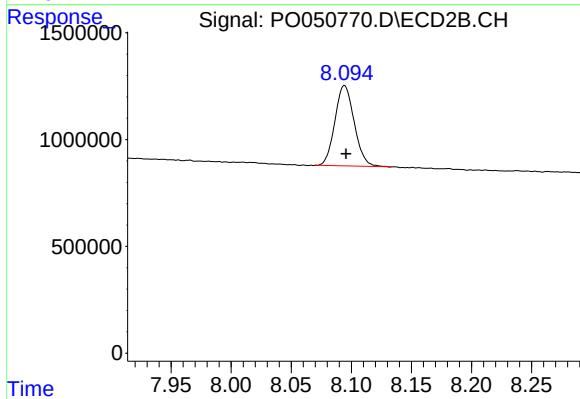
#1 Tetrachloro-m-xylene

R.T.: 3.349 min
Delta R.T.: 0.000 min
Response: 3666749
Conc: 16.87 ng/ml



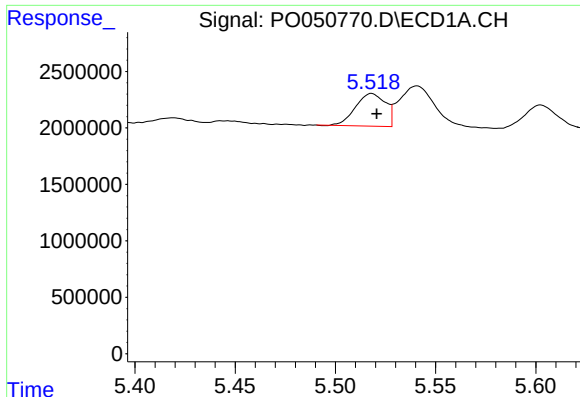
#2 Decachlorobiphenyl

R.T.: 10.014 min
Delta R.T.: -0.003 min
Response: 5453407
Conc: 17.54 ng/ml



#2 Decachlorobiphenyl

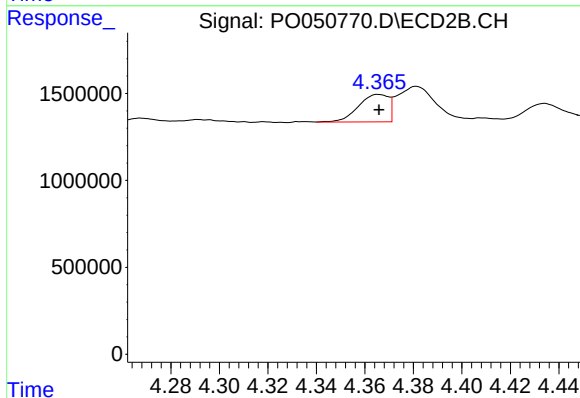
R.T.: 8.094 min
Delta R.T.: -0.001 min
Response: 4200682
Conc: 16.42 ng/ml



#3 AR-1016-1

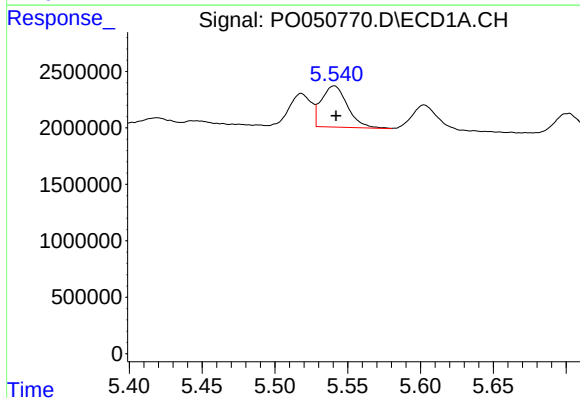
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 3001091
Conc: 157.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



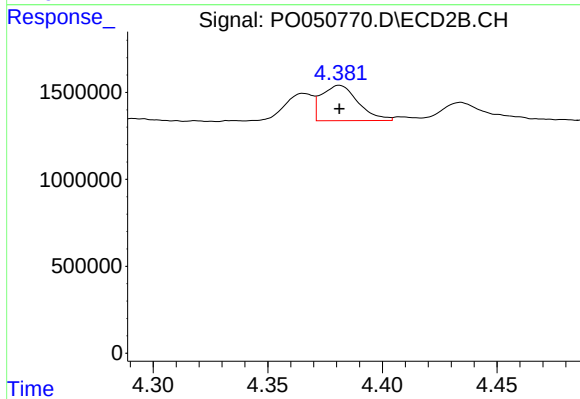
#3 AR-1016-1

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1373768
Conc: 149.49 ng/ml



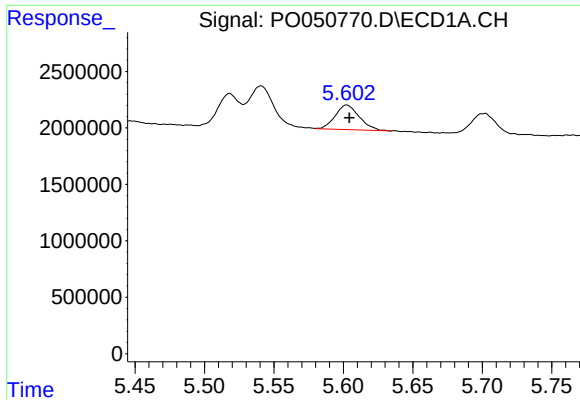
#4 AR-1016-2

R.T.: 5.541 min
Delta R.T.: -0.001 min
Response: 4562737
Conc: 163.76 ng/ml



#4 AR-1016-2

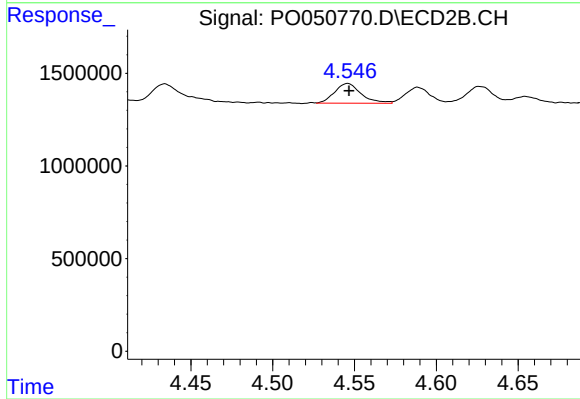
R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 2268097
Conc: 146.37 ng/ml



#5 AR-1016-3

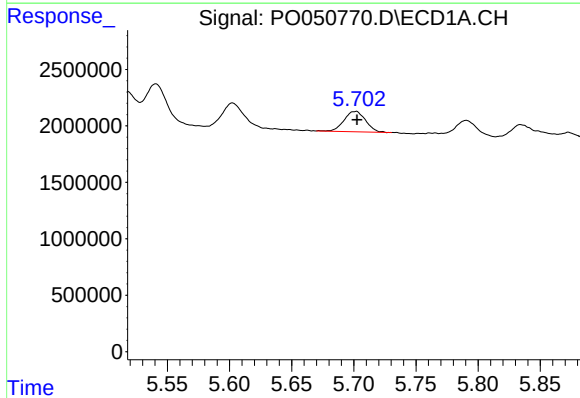
R.T.: 5.602 min
Delta R.T.: -0.002 min
Response: 2644751
Conc: 160.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



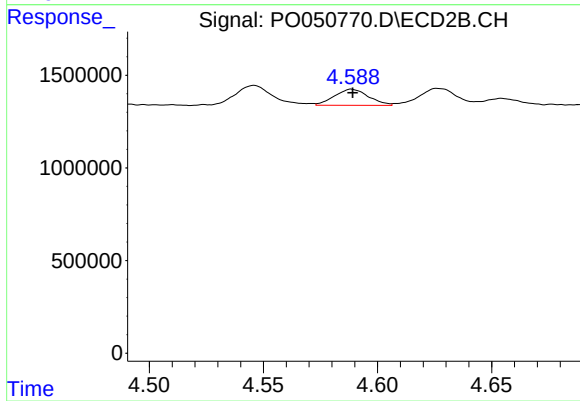
#5 AR-1016-3

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 1203815
Conc: 150.30 ng/ml



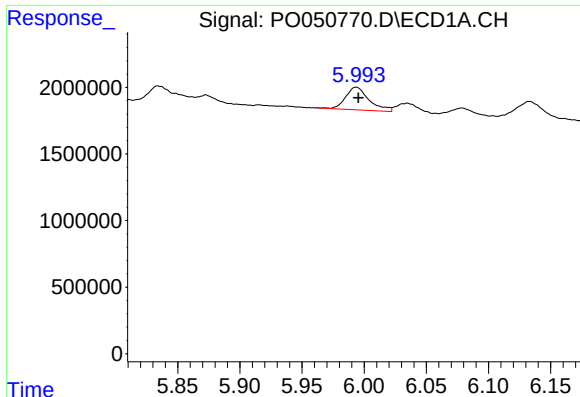
#6 AR-1016-4

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 2171634
Conc: 161.74 ng/ml



#6 AR-1016-4

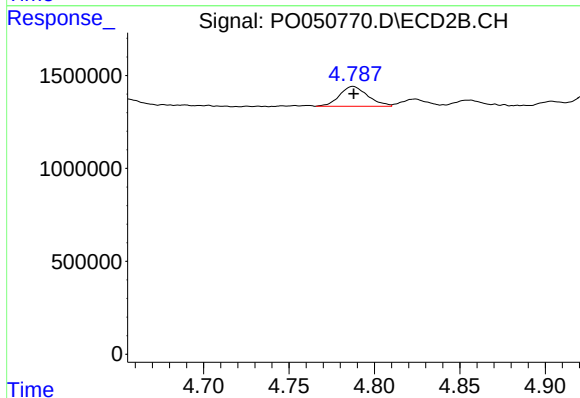
R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 905106
Conc: 148.75 ng/ml



#7 AR-1016-5

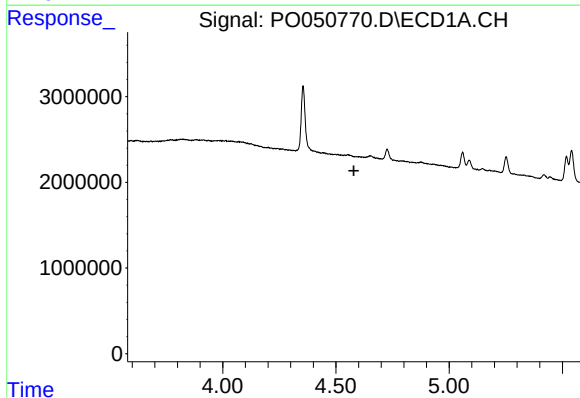
R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 2225155
Conc: 164.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



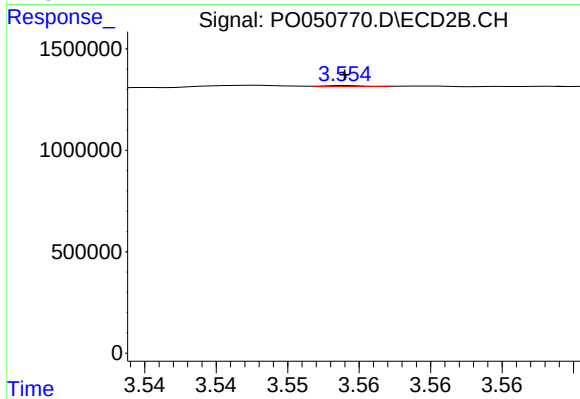
#7 AR-1016-5

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 1227899
Conc: 142.29 ng/ml



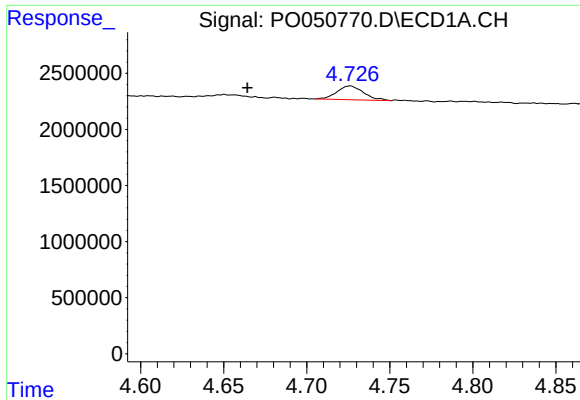
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.579 min
Response: 0
Conc: N.D.



#8 AR-1221-1

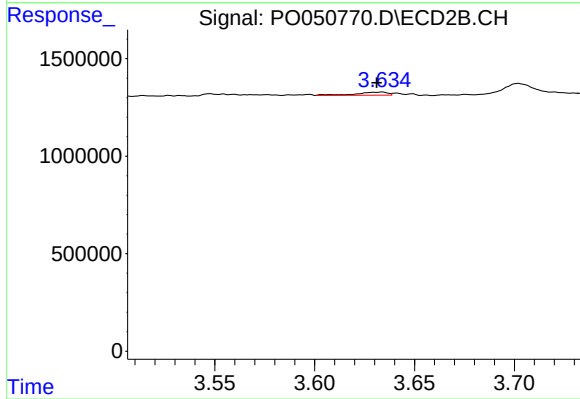
R.T.: 3.554 min
Delta R.T.: 0.000 min
Response: 9317
Conc: 5.51 ng/ml



#9 AR-1221-2

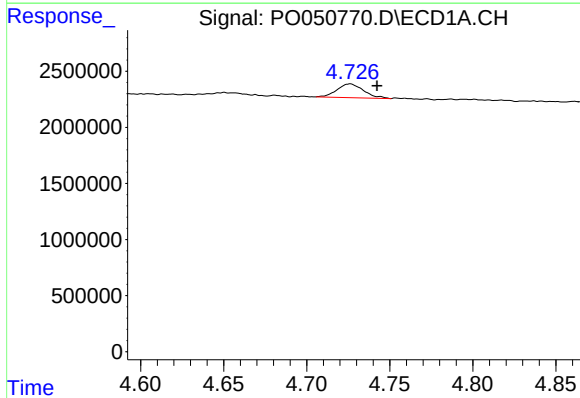
R.T.: 4.726 min
Delta R.T.: 0.062 min
Response: 1375161
Conc: 453.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



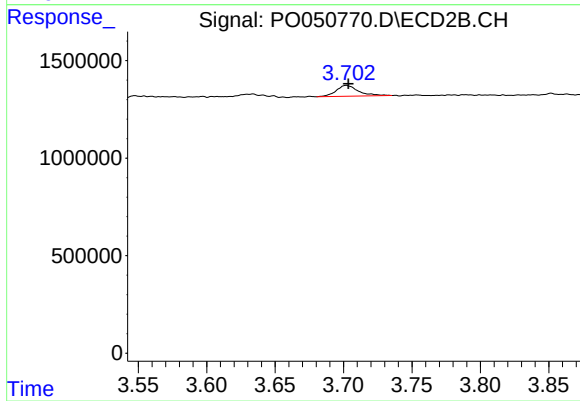
#9 AR-1221-2

R.T.: 3.634 min
Delta R.T.: 0.003 min
Response: 178416
Conc: 140.19 ng/ml



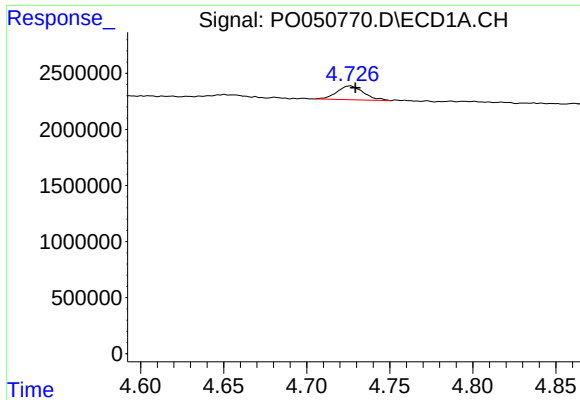
#10 AR-1221-3

R.T.: 4.726 min
Delta R.T.: -0.016 min
Response: 1375161
Conc: 115.58 ng/ml



#10 AR-1221-3

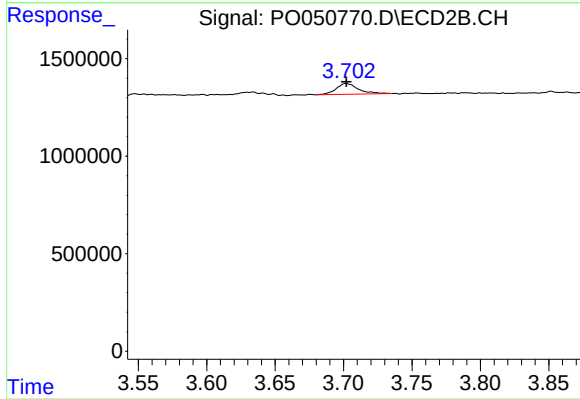
R.T.: 3.702 min
Delta R.T.: -0.001 min
Response: 630433
Conc: 147.41 ng/ml



#11 AR-1232-1

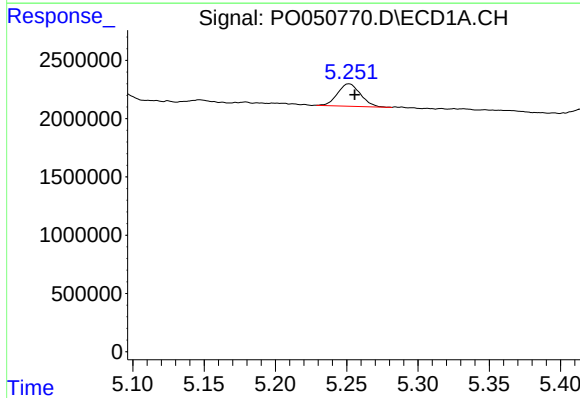
R.T.: 4.726 min
Delta R.T.: -0.003 min
Response: 1375161
Conc: 160.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



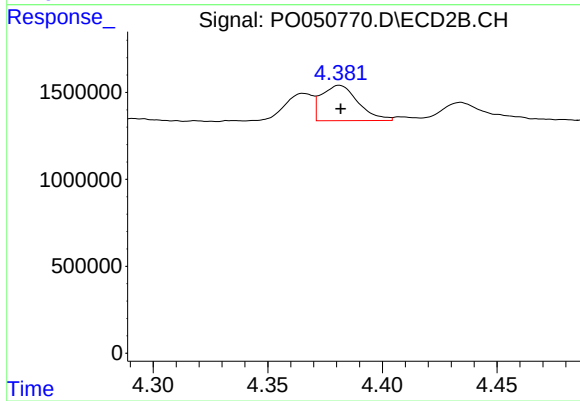
#11 AR-1232-1

R.T.: 3.702 min
Delta R.T.: 0.000 min
Response: 630433
Conc: 157.70 ng/ml



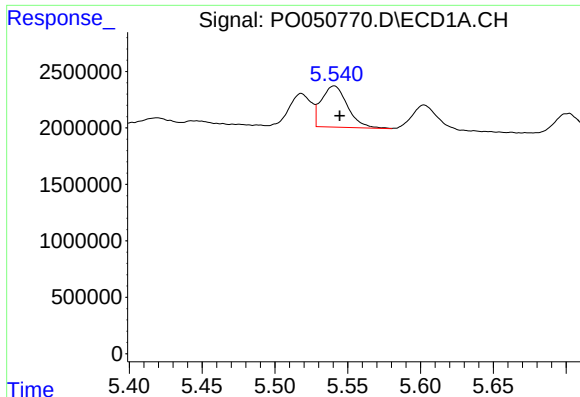
#12 AR-1232-2

R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 2166147
Conc: 464.86 ng/ml



#12 AR-1232-2

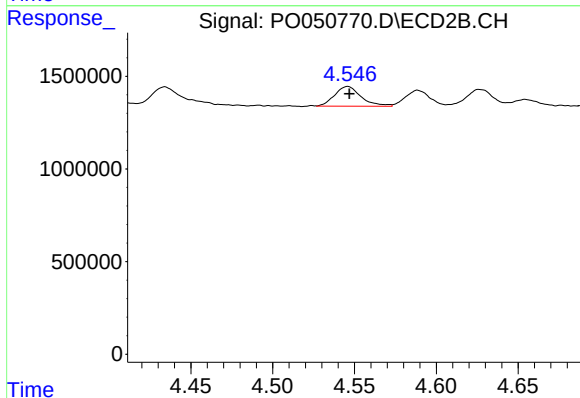
R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 2268097
Conc: 474.13 ng/ml



#13 AR-1232-3

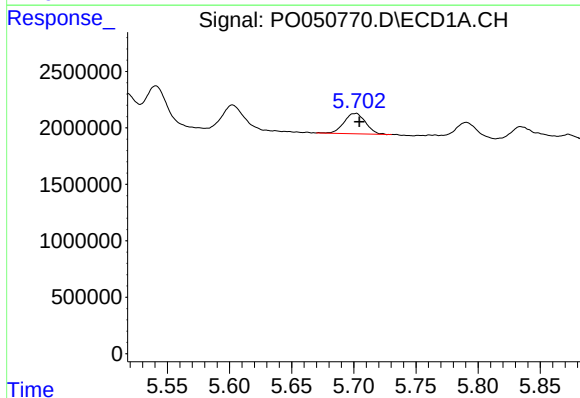
R.T.: 5.541 min
Delta R.T.: -0.004 min
Response: 4562737
Conc: 495.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



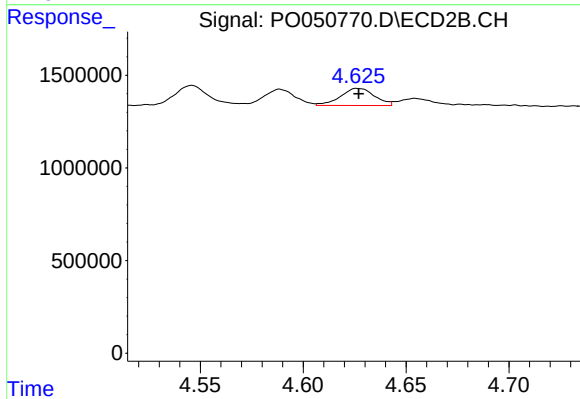
#13 AR-1232-3

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 1203815
Conc: 461.65 ng/ml



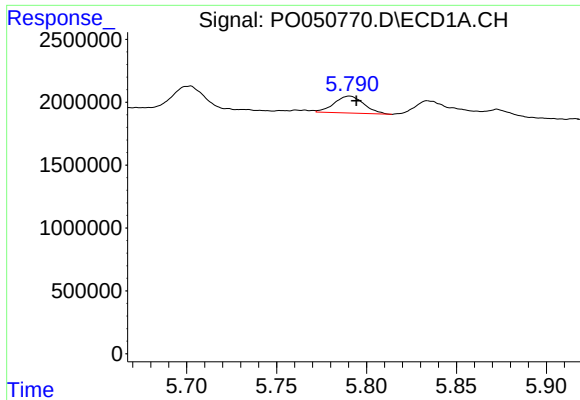
#14 AR-1232-4

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 2171634
Conc: 481.05 ng/ml



#14 AR-1232-4

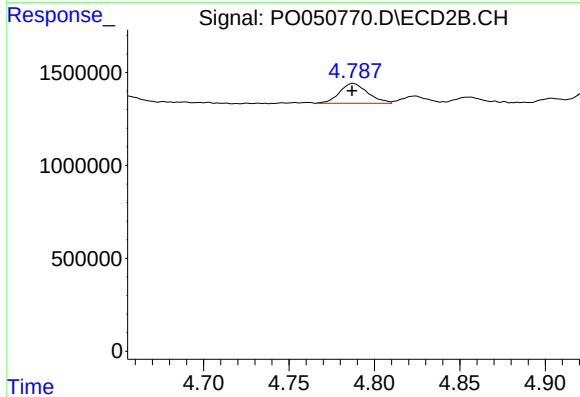
R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 1060692
Conc: 475.80 ng/ml



#15 AR-1232-5

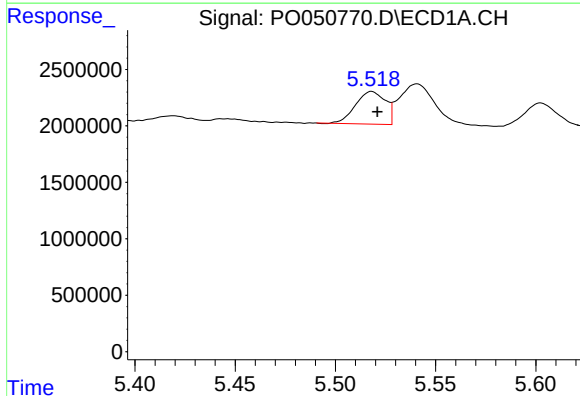
R.T.: 5.791 min
Delta R.T.: -0.004 min
Response: 1557475
Conc: 524.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



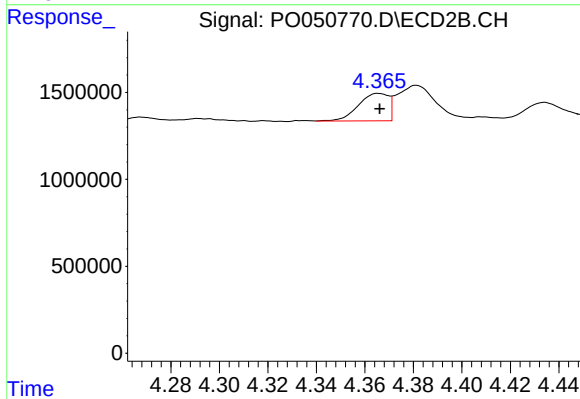
#15 AR-1232-5

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 1227899
Conc: 461.66 ng/ml



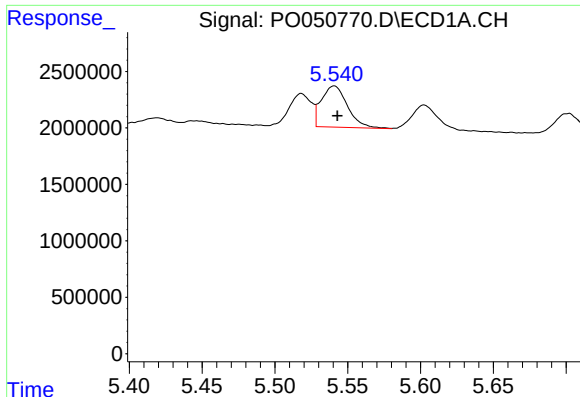
#16 AR-1242-1

R.T.: 5.518 min
Delta R.T.: -0.003 min
Response: 3001091
Conc: 238.10 ng/ml



#16 AR-1242-1

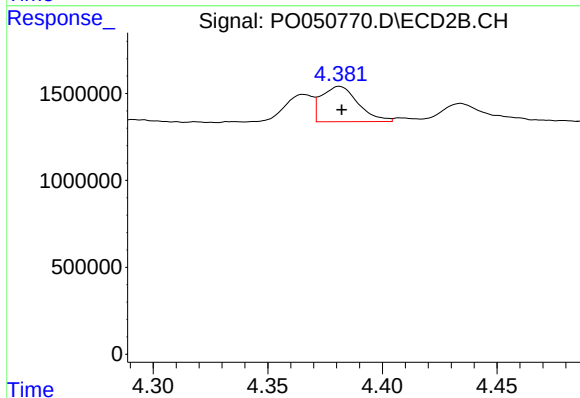
R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1373768
Conc: 234.08 ng/ml



#17 AR-1242-2

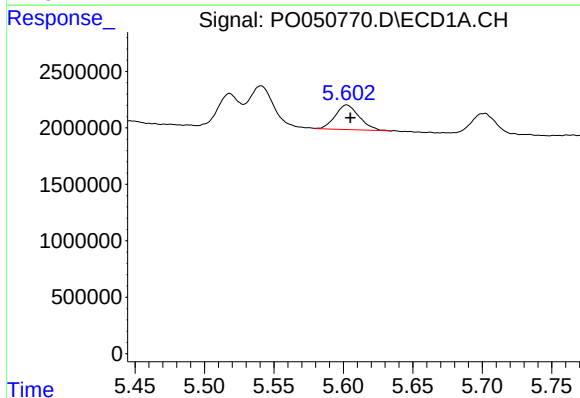
R.T.: 5.541 min
Delta R.T.: -0.002 min
Response: 4562737
Conc: 247.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



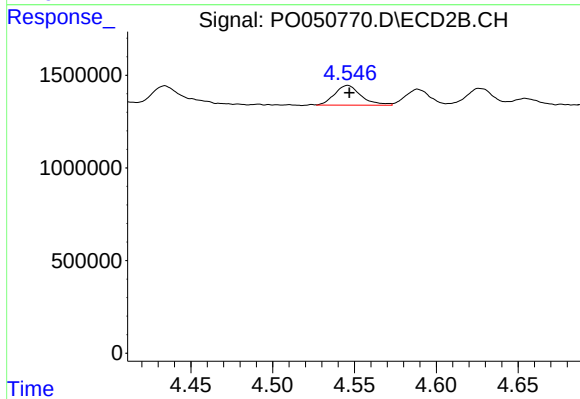
#17 AR-1242-2

R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 2268097
Conc: 227.03 ng/ml



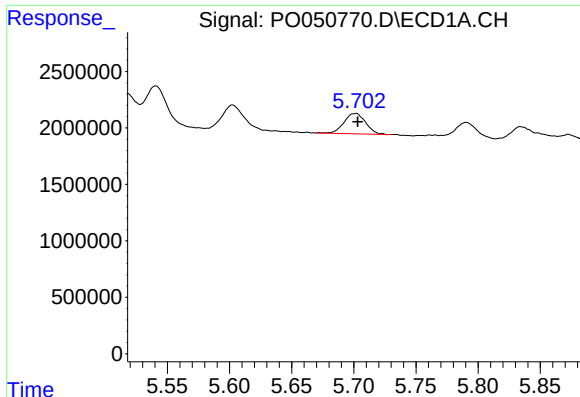
#18 AR-1242-3

R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 2644751
Conc: 247.82 ng/ml



#18 AR-1242-3

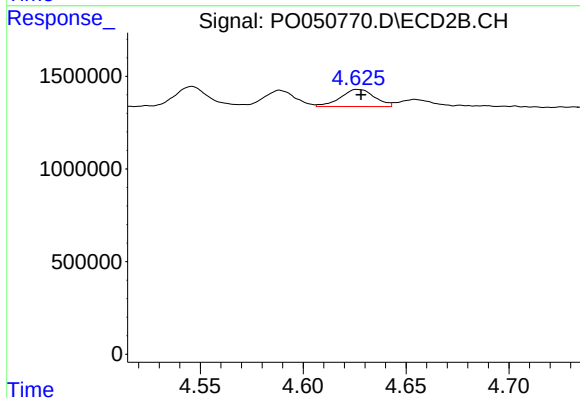
R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 1203815
Conc: 238.40 ng/ml



#19 AR-1242-4

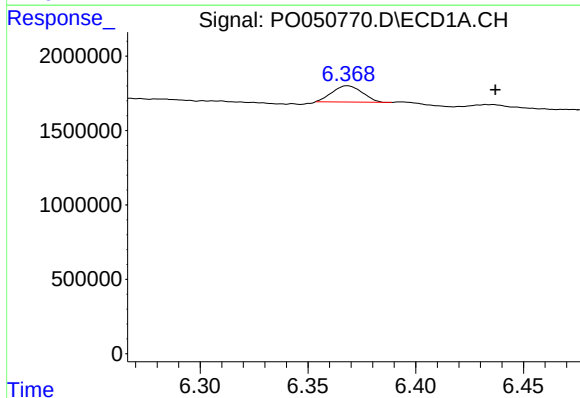
R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 2171634
Conc: 249.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



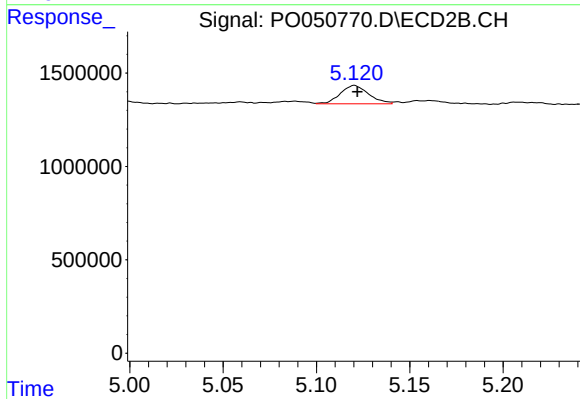
#19 AR-1242-4

R.T.: 4.626 min
Delta R.T.: -0.002 min
Response: 1060692
Conc: 222.04 ng/ml



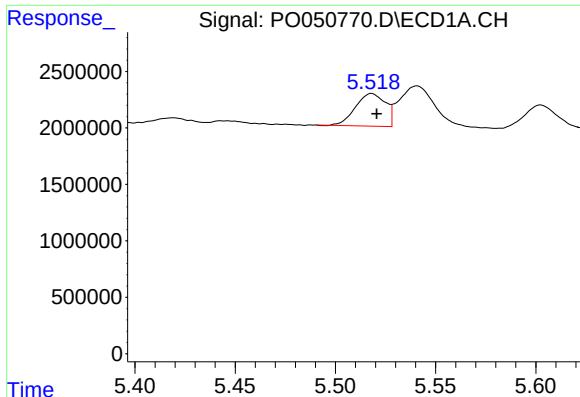
#20 AR-1242-5

R.T.: 6.368 min
Delta R.T.: -0.069 min
Response: 1060249
Conc: 113.67 ng/ml



#20 AR-1242-5

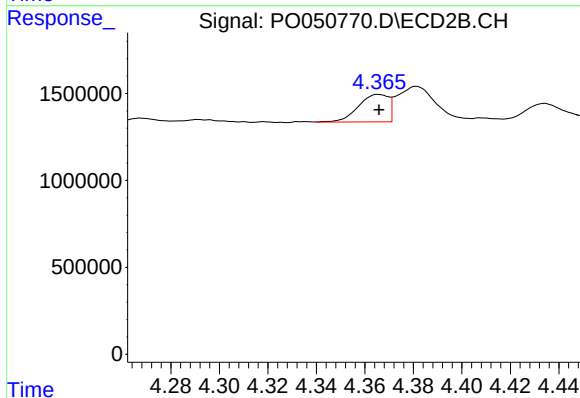
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 1039479
Conc: 161.35 ng/ml



#21 AR-1248-1

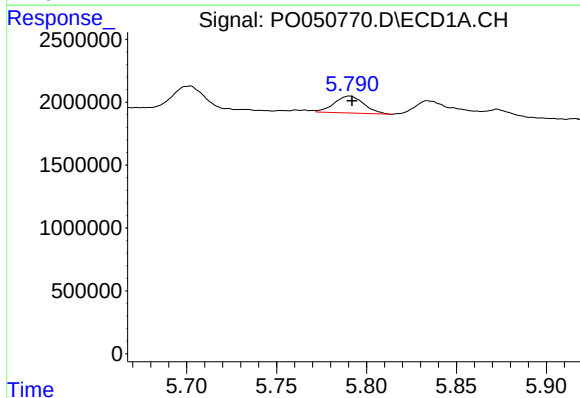
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 3001091
Conc: 308.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



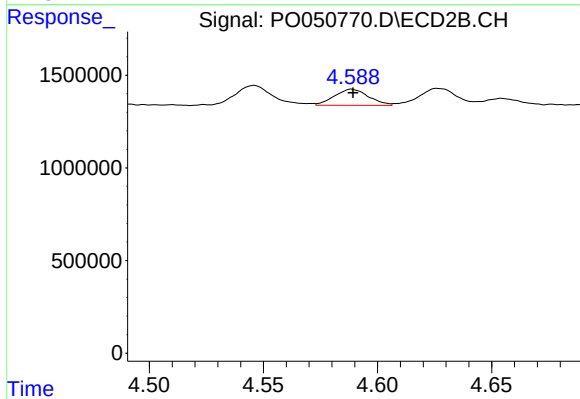
#21 AR-1248-1

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1373768
Conc: 297.77 ng/ml



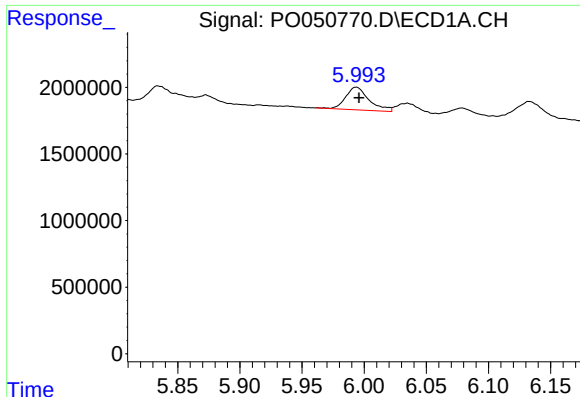
#22 AR-1248-2

R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 1557475
Conc: 120.24 ng/ml



#22 AR-1248-2

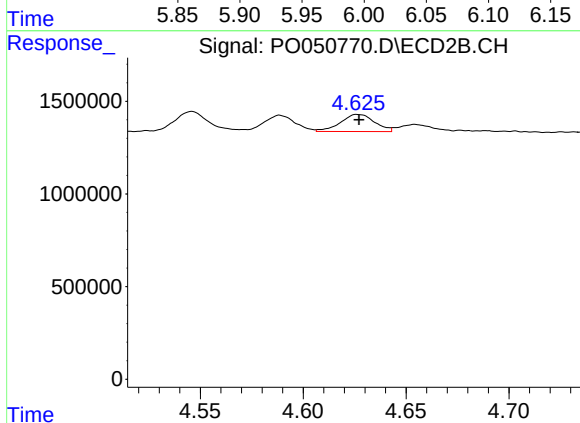
R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 905106
Conc: 129.95 ng/ml



#23 AR-1248-3

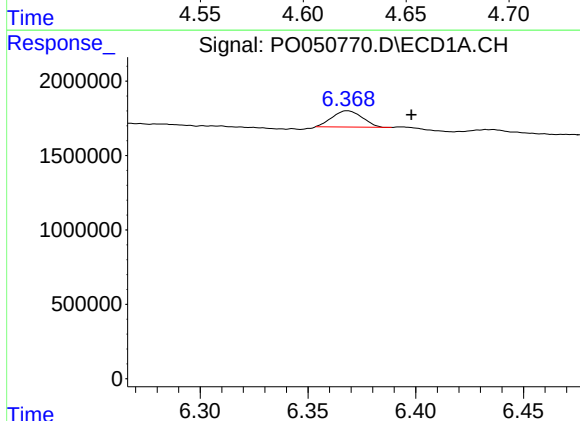
R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 2225155
Conc: 147.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



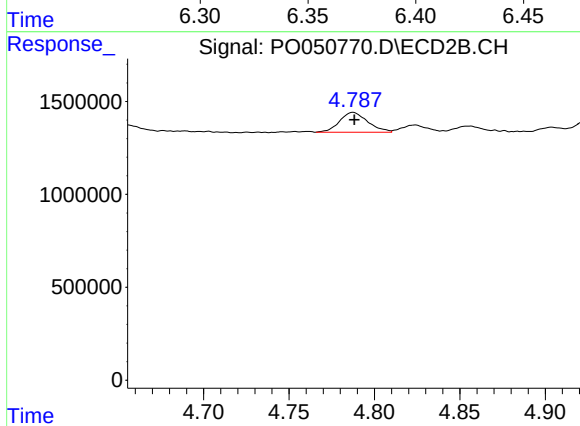
#23 AR-1248-3

R.T.: 4.626 min
Delta R.T.: -0.001 min
Response: 1060692
Conc: 151.74 ng/ml



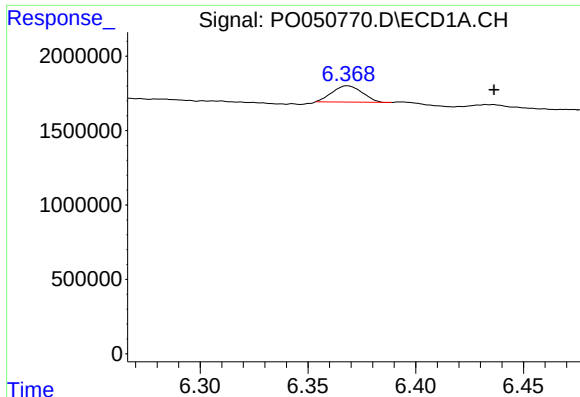
#24 AR-1248-4

R.T.: 6.368 min
Delta R.T.: -0.030 min
Response: 1060249
Conc: 63.60 ng/ml



#24 AR-1248-4

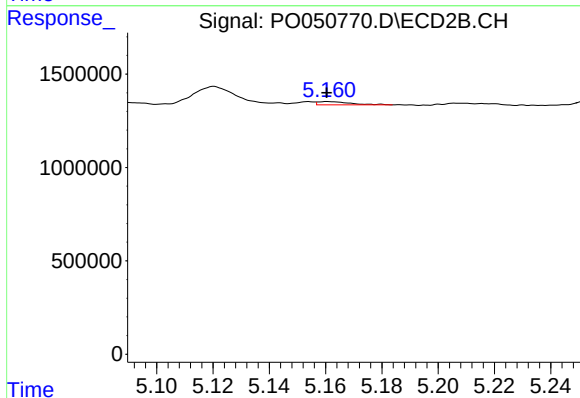
R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 1227899
Conc: 131.59 ng/ml



#25 AR-1248-5

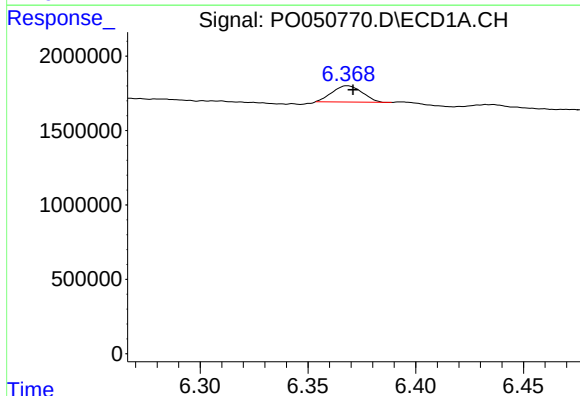
R.T.: 6.368 min
Delta R.T.: -0.068 min
Response: 1060249
Conc: 67.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



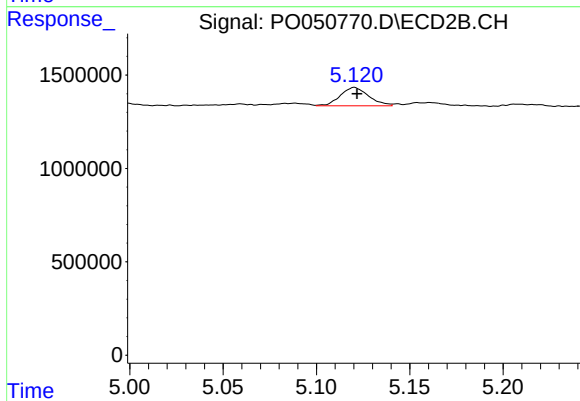
#25 AR-1248-5

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 134150
Conc: 13.95 ng/ml



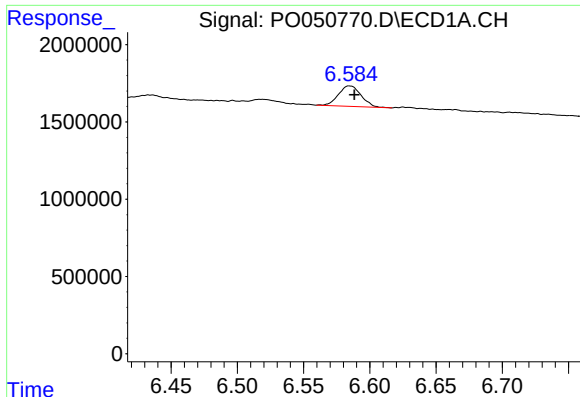
#26 AR-1254-1

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 1060249
Conc: 48.28 ng/ml



#26 AR-1254-1

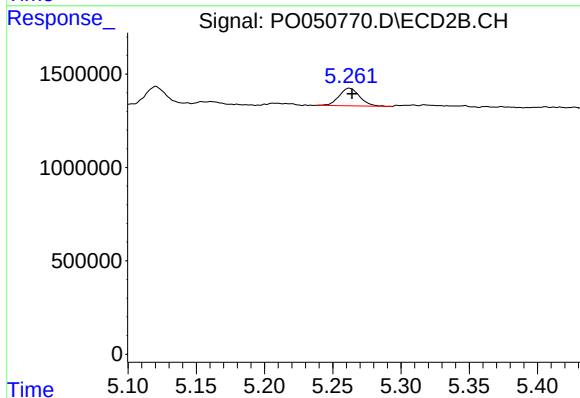
R.T.: 5.120 min
Delta R.T.: -0.001 min
Response: 1039479
Conc: 54.21 ng/ml



#27 AR-1254-2

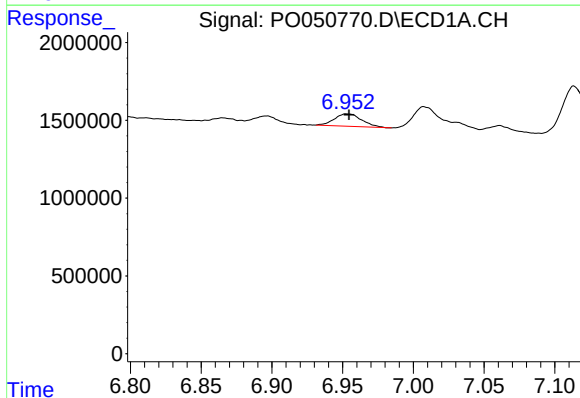
R.T.: 6.585 min
Delta R.T.: -0.004 min
Response: 1589701
Conc: 47.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



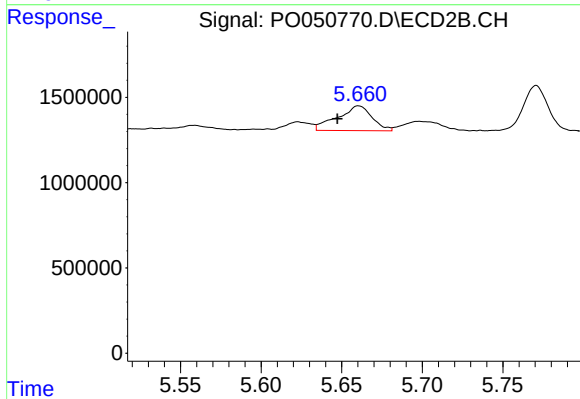
#27 AR-1254-2

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 999585
Conc: 57.58 ng/ml



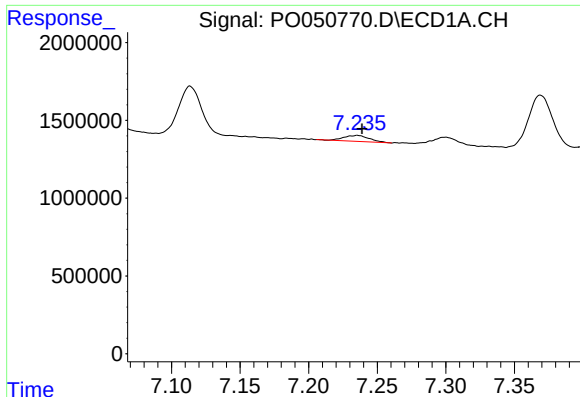
#28 AR-1254-3

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 1070763
Conc: 30.75 ng/ml



#28 AR-1254-3

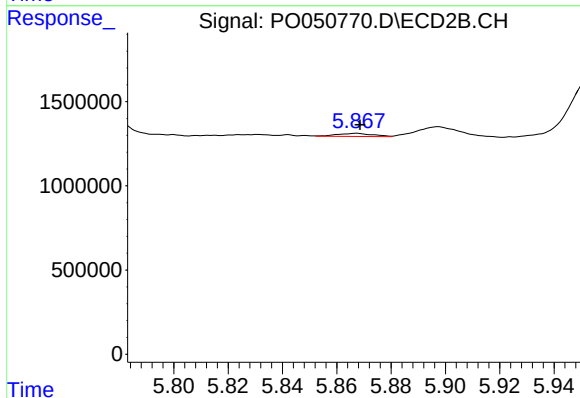
R.T.: 5.660 min
Delta R.T.: 0.013 min
Response: 2177708
Conc: 76.94 ng/ml



#29 AR-1254-4

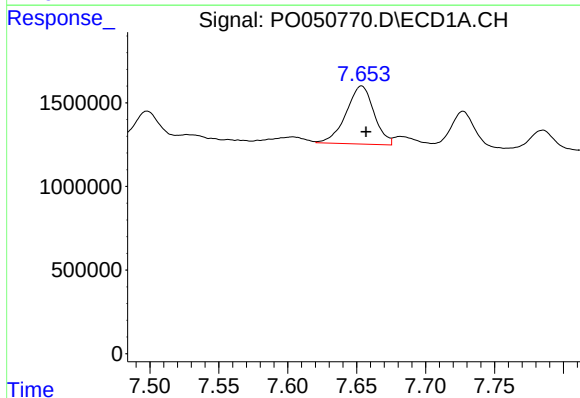
R.T.: 7.236 min
Delta R.T.: -0.003 min
Response: 507540
Conc: 21.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



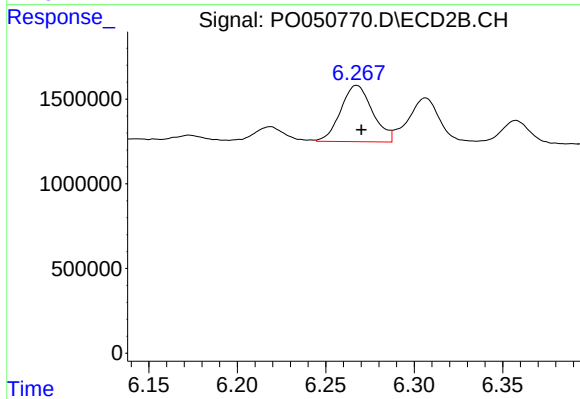
#29 AR-1254-4

R.T.: 5.867 min
Delta R.T.: -0.001 min
Response: 173061
Conc: 9.79 ng/ml



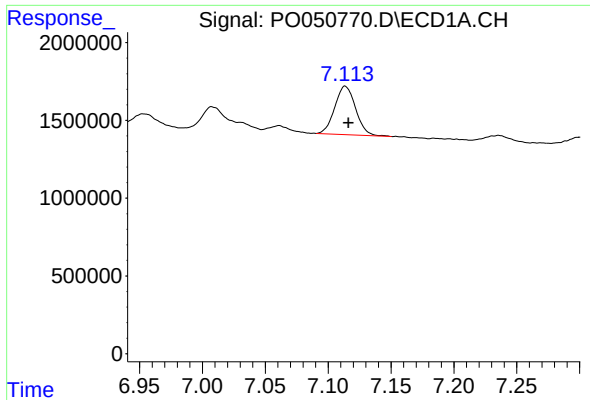
#30 AR-1254-5

R.T.: 7.654 min
Delta R.T.: -0.003 min
Response: 4889890
Conc: 199.16 ng/ml



#30 AR-1254-5

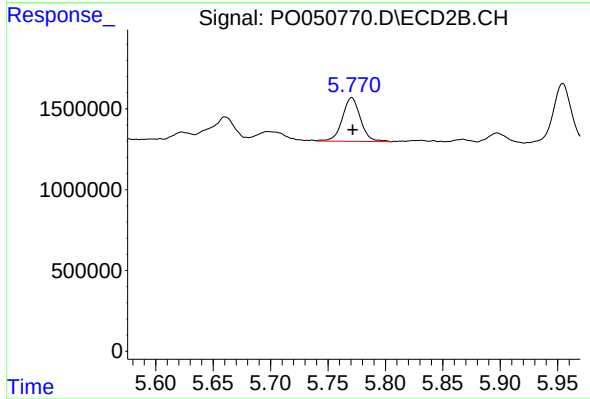
R.T.: 6.268 min
Delta R.T.: -0.003 min
Response: 4173087
Conc: 156.08 ng/ml



#31 AR-1260-1

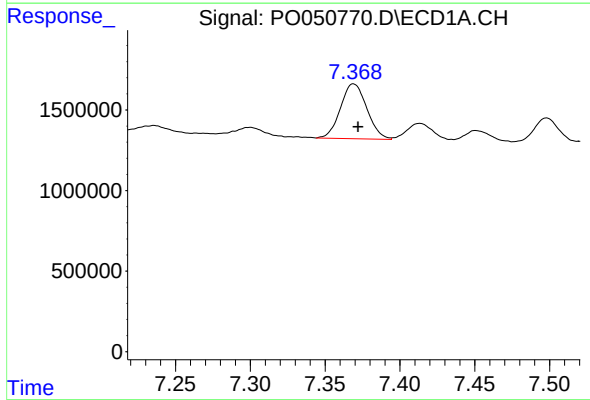
R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 3588517
Conc: 139.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



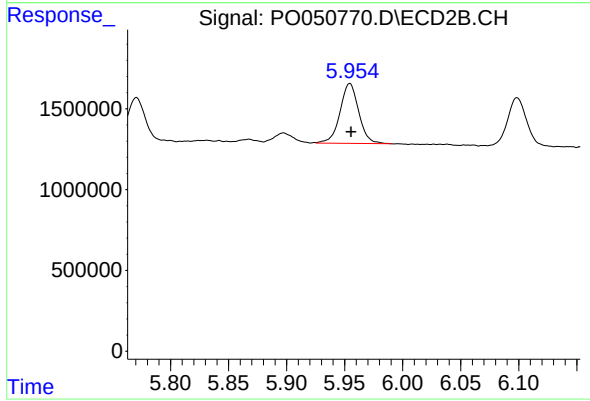
#31 AR-1260-1

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 2999900
Conc: 145.09 ng/ml



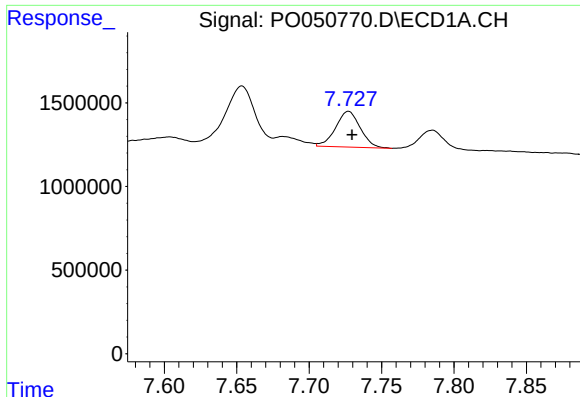
#32 AR-1260-2

R.T.: 7.369 min
Delta R.T.: -0.003 min
Response: 4175308
Conc: 141.14 ng/ml



#32 AR-1260-2

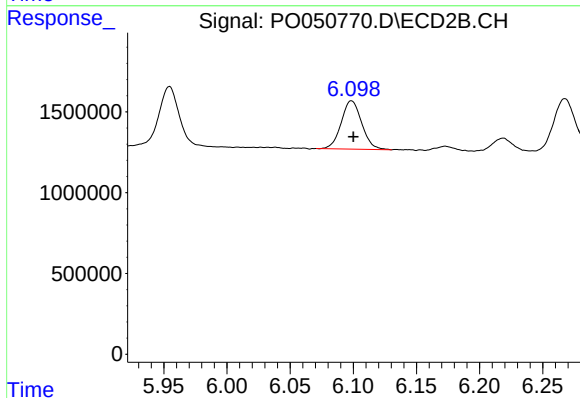
R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 4152948
Conc: 144.62 ng/ml



#33 AR-1260-3

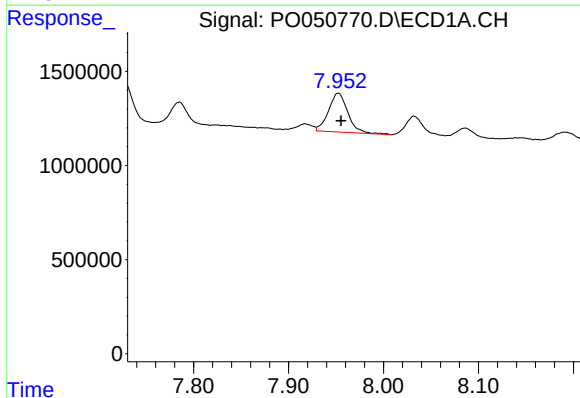
R.T.: 7.727 min
Delta R.T.: -0.002 min
Response: 2541687
Conc: 119.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



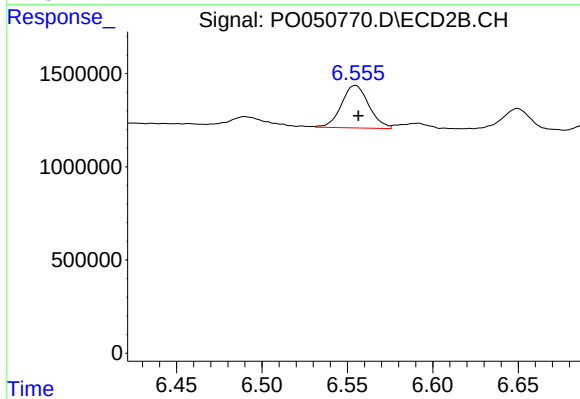
#33 AR-1260-3

R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 3387735
Conc: 137.37 ng/ml



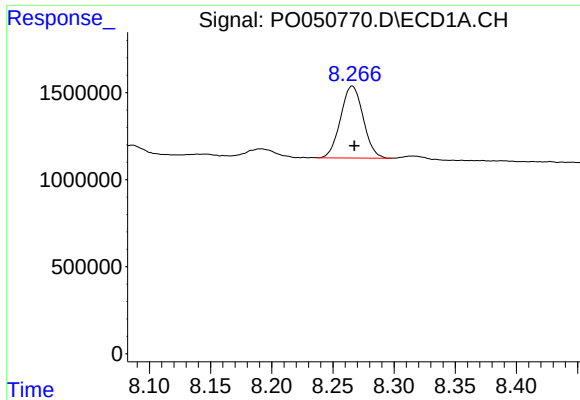
#34 AR-1260-4

R.T.: 7.952 min
Delta R.T.: -0.003 min
Response: 2929556
Conc: 128.02 ng/ml



#34 AR-1260-4

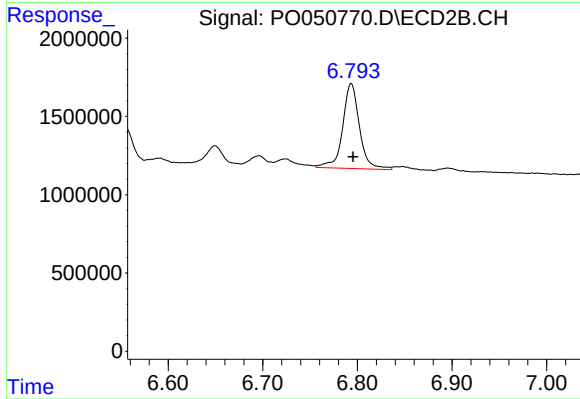
R.T.: 6.555 min
Delta R.T.: -0.002 min
Response: 2551746
Conc: 123.72 ng/ml



#35 AR-1260-5

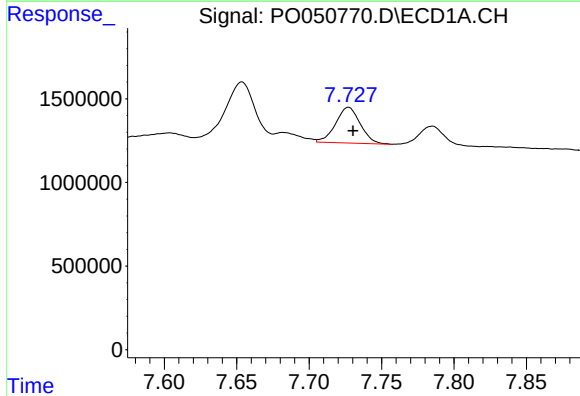
R.T.: 8.266 min
Delta R.T.: -0.002 min
Response: 5316156
Conc: 120.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



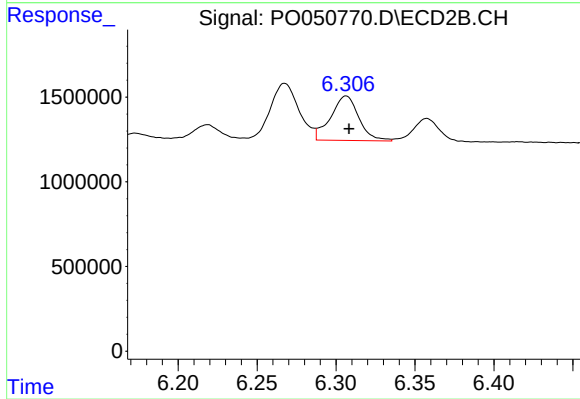
#35 AR-1260-5

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 6716868
Conc: 129.26 ng/ml



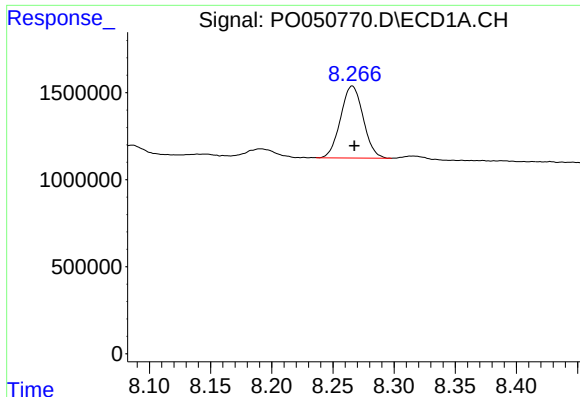
#36 AR-1262-1

R.T.: 7.727 min
Delta R.T.: -0.003 min
Response: 2541687
Conc: 103.03 ng/ml



#36 AR-1262-1

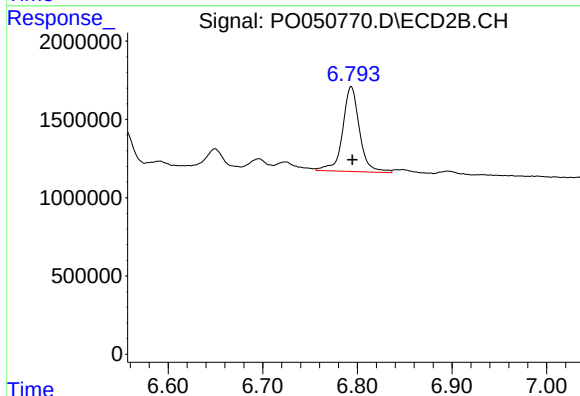
R.T.: 6.306 min
Delta R.T.: -0.002 min
Response: 3257587
Conc: 115.76 ng/ml



#37 AR-1262-2

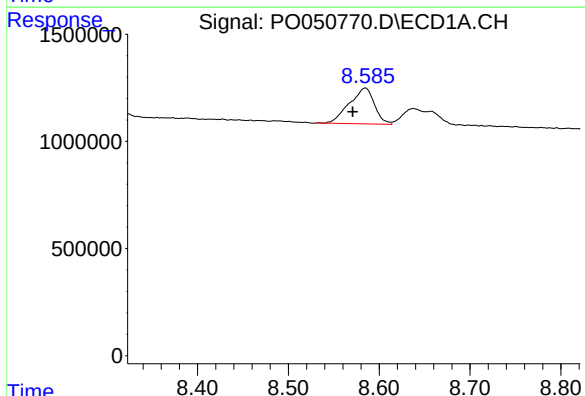
R.T.: 8.266 min
Delta R.T.: -0.002 min
Response: 5316156
Conc: 135.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



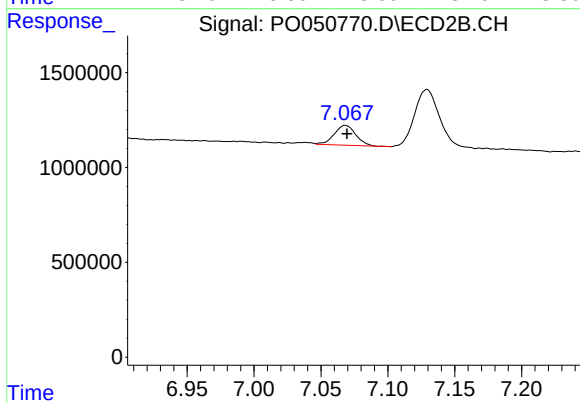
#37 AR-1262-2

R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 6716868
Conc: 149.52 ng/ml



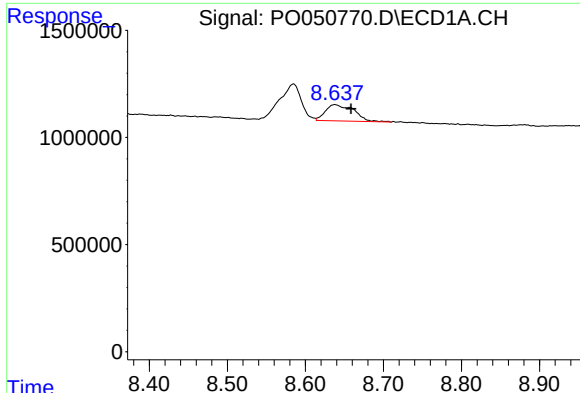
#38 AR-1262-3

R.T.: 8.585 min
Delta R.T.: 0.014 min
Response: 3214315
Conc: 127.23 ng/ml



#38 AR-1262-3

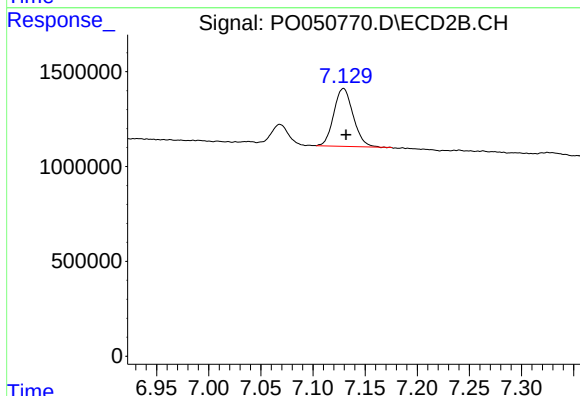
R.T.: 7.068 min
Delta R.T.: -0.001 min
Response: 1171062
Conc: 65.22 ng/ml



#39 AR-1262-4

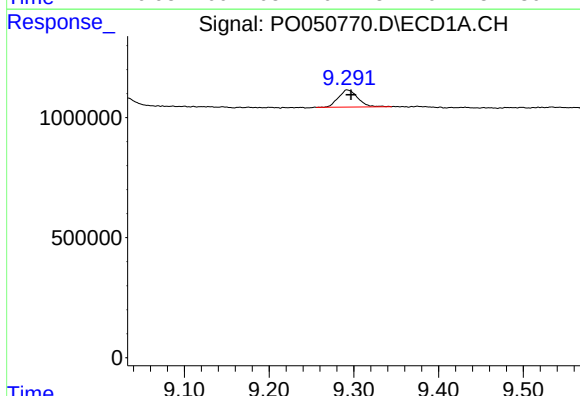
R.T.: 8.638 min
Delta R.T.: -0.021 min
Response: 1928875
Conc: 98.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



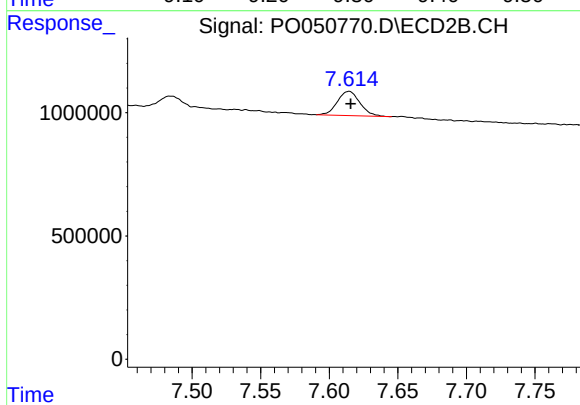
#39 AR-1262-4

R.T.: 7.129 min
Delta R.T.: -0.003 min
Response: 3931886
Conc: 133.65 ng/ml



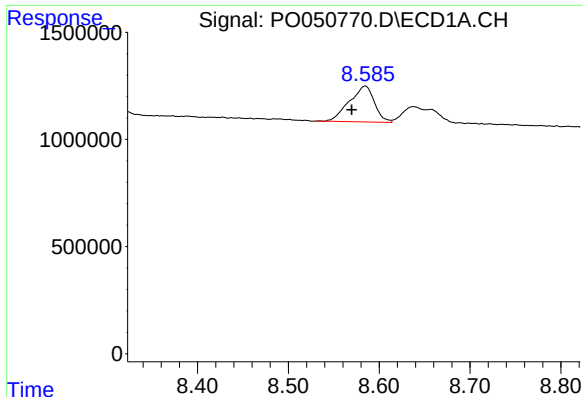
#40 AR-1262-5

R.T.: 9.292 min
Delta R.T.: -0.005 min
Response: 1133159
Conc: 94.01 ng/ml



#40 AR-1262-5

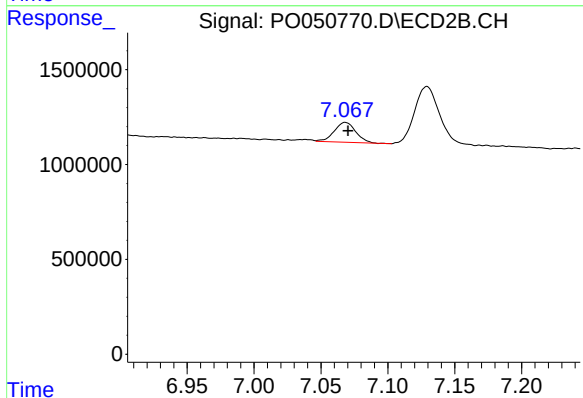
R.T.: 7.614 min
Delta R.T.: -0.001 min
Response: 1106026
Conc: 95.30 ng/ml



#41 AR-1268-1

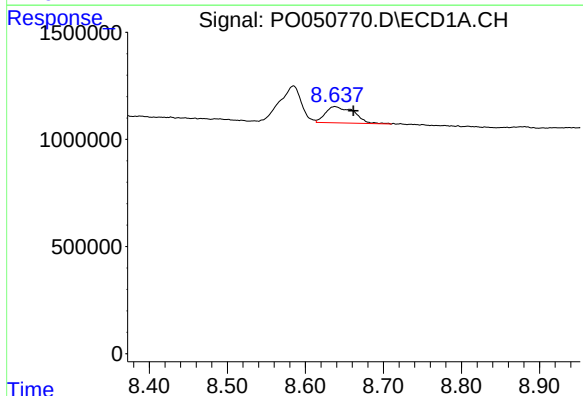
R.T.: 8.585 min
Delta R.T.: 0.015 min
Response: 3214315
Conc: 63.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



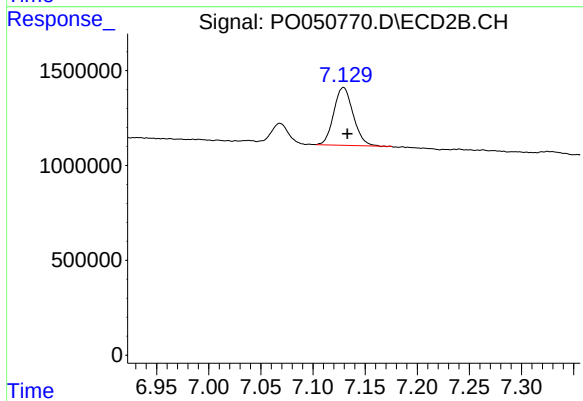
#41 AR-1268-1

R.T.: 7.068 min
Delta R.T.: -0.002 min
Response: 1171062
Conc: 21.26 ng/ml



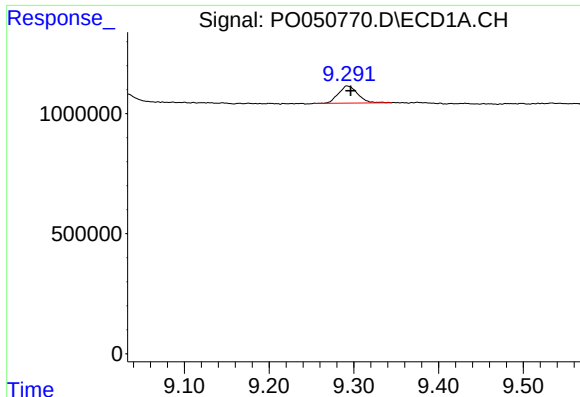
#42 AR-1268-2

R.T.: 8.638 min
Delta R.T.: -0.024 min
Response: 1928875
Conc: 42.41 ng/ml



#42 AR-1268-2

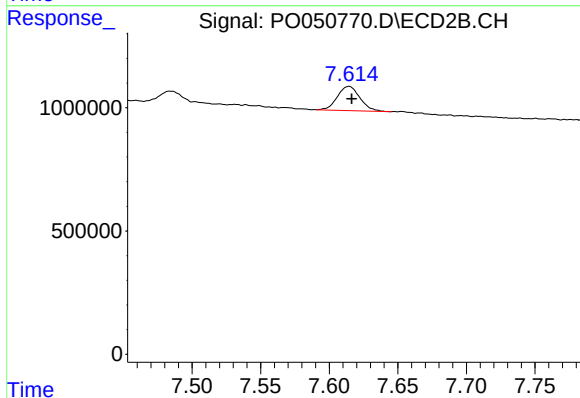
R.T.: 7.129 min
Delta R.T.: -0.004 min
Response: 3931886
Conc: 82.49 ng/ml



#44 AR-1268-4

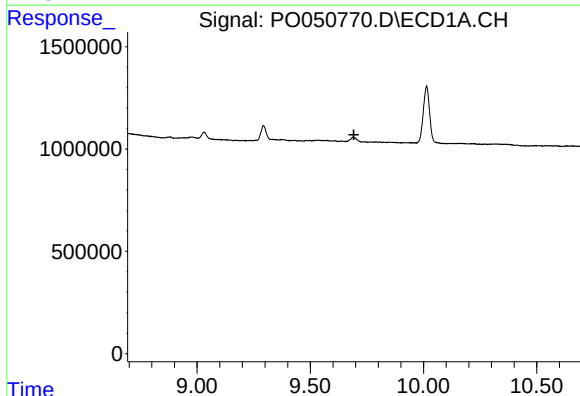
R.T.: 9.292 min
Delta R.T.: -0.004 min
Response: 1133159
Conc: 80.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



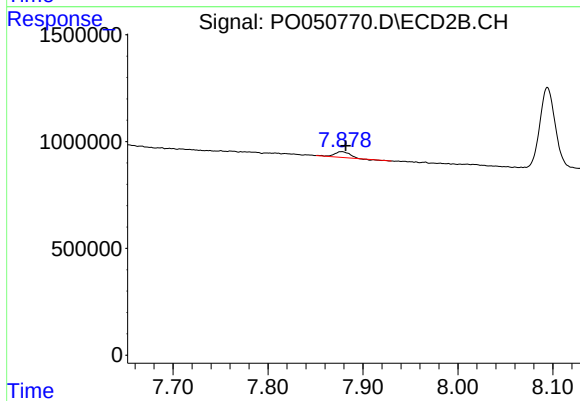
#44 AR-1268-4

R.T.: 7.614 min
Delta R.T.: -0.002 min
Response: 1106026
Conc: 79.17 ng/ml



#45 AR-1268-5

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



#45 AR-1268-5

R.T.: 7.877 min
Delta R.T.: -0.005 min
Response: 269067
Conc: 2.68 ng/ml