

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090418\
 Data File : P0048710.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Sep 2018 00:49
 Operator : SM/SJ
 Sample : PB112573BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 04:15:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 05 03:48:40 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...	4.460	3.529	2443241	3185405	20.249	20.379
2)	SA Decachlor...	10.199	8.470	2761506	3050877	19.792	20.635
Target Compounds							
3)	L1 AR-1016-1	5.169	4.194	184536	255027	56.833	58.848
4)	L1 AR-1016-2	5.363	4.600	189115	378558	54.987	58.790
5)	L1 AR-1016-3	5.630	4.619	297673	492741	58.955	58.356
6)	L1 AR-1016-4	5.716	4.673	264231	338146	57.408	57.561
7)	L1 AR-1016-5	6.108	5.044	235496	294859	60.677	57.035
9)	L2 AR-1221-2	0.000	3.824	0	79193	N.D.	48.856 #
10)	L2 AR-1221-3	4.834	3.900	218657	163558	57.957	33.212 #
11)	L3 AR-1232-1	5.654	4.382	415814	248982	149.892	129.142
12)	L3 AR-1232-2	5.815	4.496	185446	83351	124.910	125.457
13)	L3 AR-1232-3	5.949	4.876	124348	285047	289.316	163.678 #
14)	L3 AR-1232-4	6.250	5.191	206835	207414	522.106	112.164 #
15)	L3 AR-1232-5	7.231	0.000	481811	0	2049.752	N.D. #
16)	L4 AR-1242-1	5.199	4.214	109761	145073	73.650	73.917
17)	L4 AR-1242-2	5.949	4.793	124348	339082	43.289	83.816 #
18)	L4 AR-1242-3	6.108	4.906	235496	135976	164.550	94.971 #
19)	L4 AR-1242-4	6.250	0.000	206835	0	187.413	N.D. #
20)	L4 AR-1242-5	6.250	0.000	206835	0	54.412	N.D. #
21)	L5 AR-1248-1	5.904	4.834	166064	236993	33.254	44.632 #
22)	L5 AR-1248-2	6.484	5.393	213119	299158	40.723	31.152
23)	L5 AR-1248-3	6.484	5.393	213119	299158	31.309	43.957 #
24)	L5 AR-1248-4	6.484	5.538	213119	226187	32.369	37.231
25)	L5 AR-1248-5	6.701	5.953	206510	529047	45.418	113.671 #
26)	L6 AR-1254-1	6.701	5.538	206510	226187	18.228	22.291
28)	L6 AR-1254-3	7.070	6.194	120790	142382	9.485	12.918 #
29)	L6 AR-1254-4	0.000	6.483	0	128179	N.D.	15.781 #
30)	L6 AR-1254-5	7.616	6.579	212634	857231	27.512	56.561 #
31)	L7 AR-1260-1	7.231	6.068	481811	629258	58.480	60.446
32)	L7 AR-1260-2	7.487	6.253	534949	748458	54.439	59.769
33)	L7 AR-1260-3	7.770	6.405	722357	712913	60.539	60.089
34)	L7 AR-1260-4	8.071	6.874	467993	467163	54.526	49.377
35)	L7 AR-1260-5	8.393	7.114	818465	1152071	49.300	53.055
36)	L8 AR-1262-1	7.126	5.953	290093	529047	59.413	96.111 #
37)	L8 AR-1262-2	7.902	6.669	166796	210585	38.388	38.887
38)	L8 AR-1262-3	8.152	6.972	214239	313903	44.099	52.622
39)	L8 AR-1262-4	8.772	7.396	294986	223072	56.040	25.130 #
40)	L8 AR-1262-5	9.450	7.950	202014	252783	30.081	33.420
41)	L9 AR-1268-1	7.845	6.617	362605	507358	84.897	92.969
42)	L9 AR-1268-2	8.071	7.458	467993	857105	85.789	36.051 #
43)	L9 AR-1268-3	8.720	7.667	550737	80014	24.912	4.088 #

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Operator : SM/SJ
Sample : PB112573BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

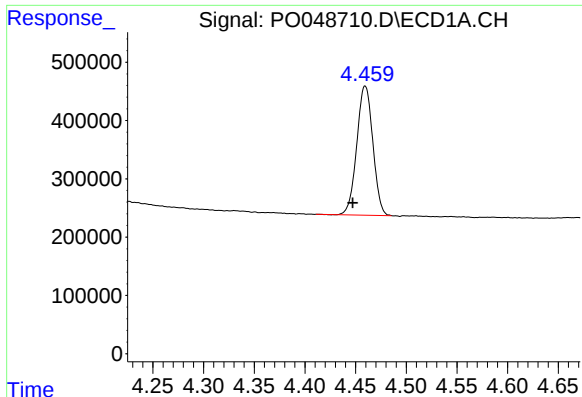
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 04:15:32 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.M
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QLast Update : Wed Sep 05 03:48:40 2018
Response via : Initial Calibration
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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	0.000	7.823	0	120249	N.D.	21.408 #
45) L9	AR-1268-5	0.000	8.227	0	108003	N.D.	1.981 #

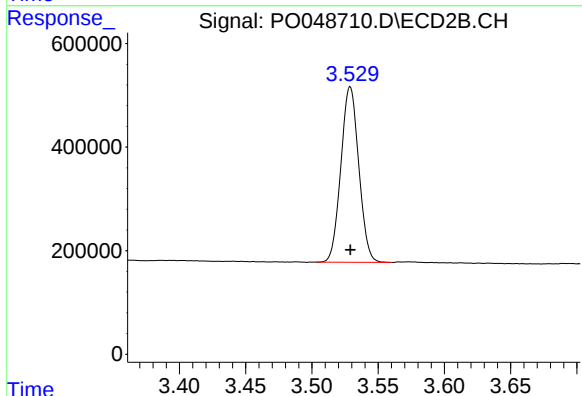
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

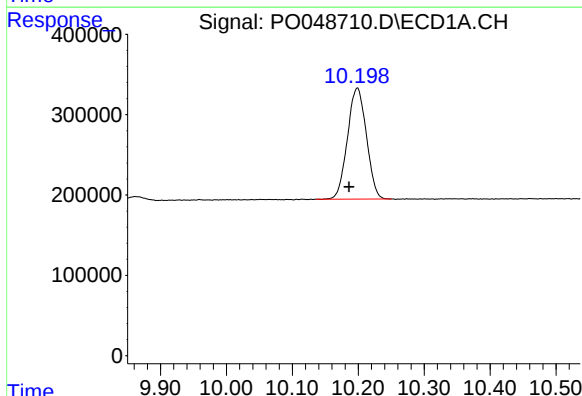
R.T.: 4.460 min
Delta R.T.: 0.013 min
Response: 2443241
Conc: 20.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



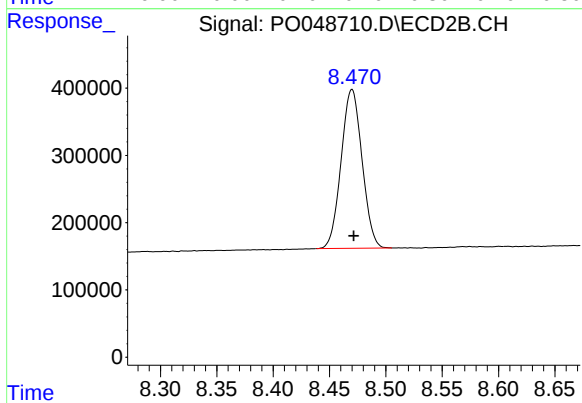
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: 0.000 min
Response: 3185405
Conc: 20.38 ng/ml



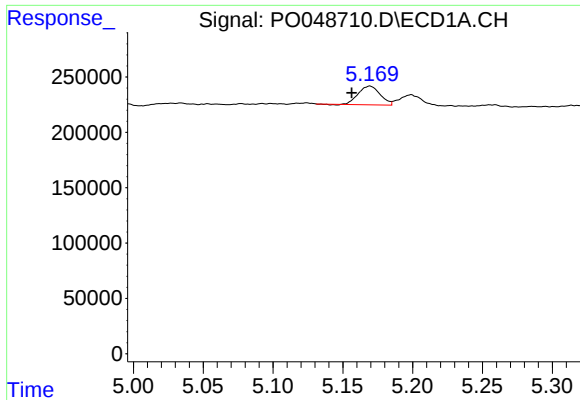
#2 Decachlorobiphenyl

R.T.: 10.199 min
Delta R.T.: 0.013 min
Response: 2761506
Conc: 19.79 ng/ml



#2 Decachlorobiphenyl

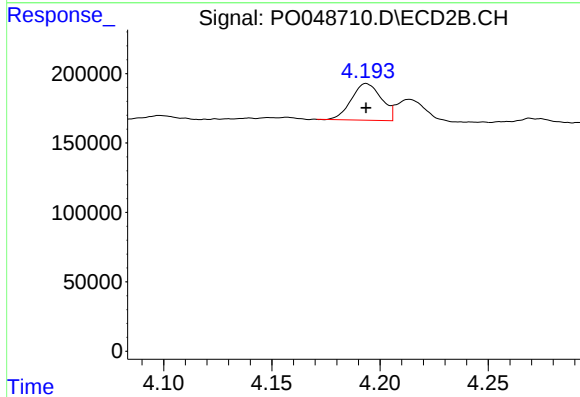
R.T.: 8.470 min
Delta R.T.: -0.002 min
Response: 3050877
Conc: 20.63 ng/ml



#3 AR-1016-1

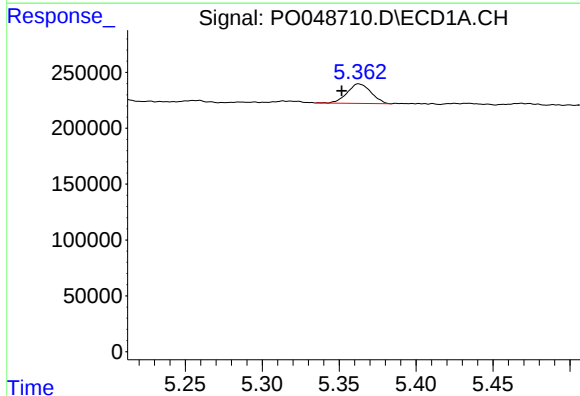
R.T.: 5.169 min
Delta R.T.: 0.013 min
Response: 184536
Conc: 56.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



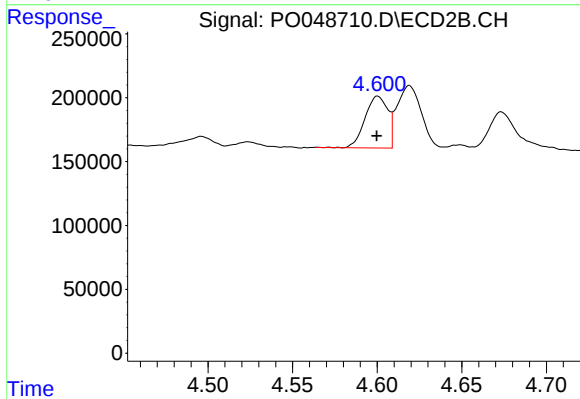
#3 AR-1016-1

R.T.: 4.194 min
Delta R.T.: 0.000 min
Response: 255027
Conc: 58.85 ng/ml



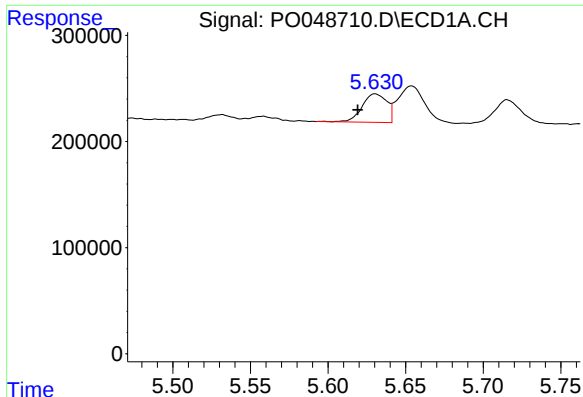
#4 AR-1016-2

R.T.: 5.363 min
Delta R.T.: 0.011 min
Response: 189115
Conc: 54.99 ng/ml



#4 AR-1016-2

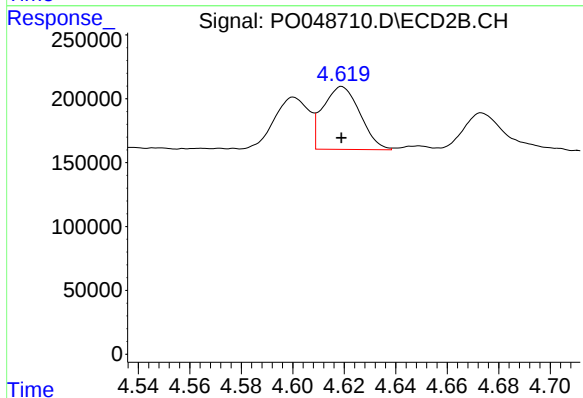
R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 378558
Conc: 58.79 ng/ml



#5 AR-1016-3

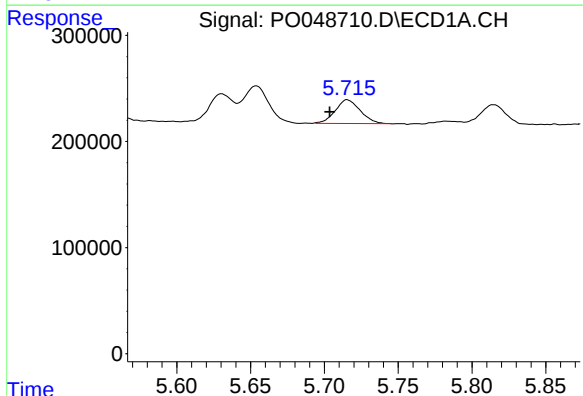
R.T.: 5.630 min
Delta R.T.: 0.011 min
Response: 297673
Conc: 58.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



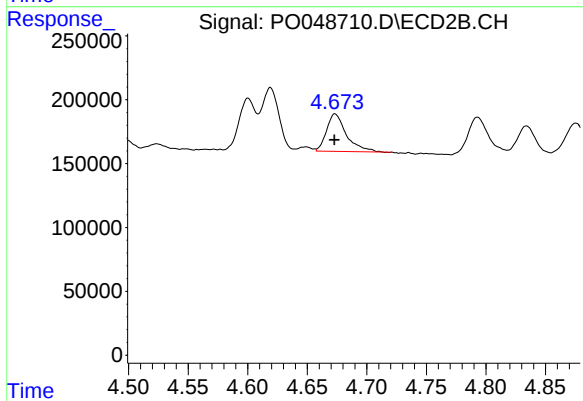
#5 AR-1016-3

R.T.: 4.619 min
Delta R.T.: 0.000 min
Response: 492741
Conc: 58.36 ng/ml



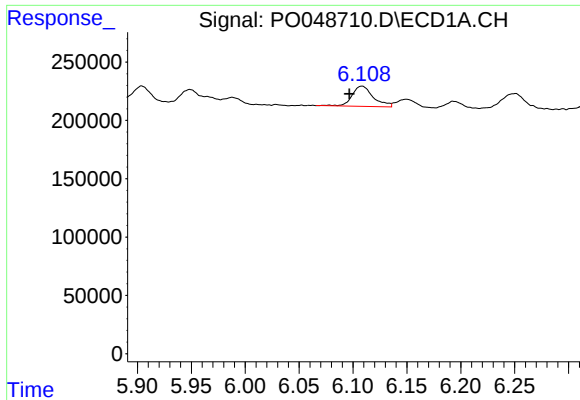
#6 AR-1016-4

R.T.: 5.716 min
Delta R.T.: 0.012 min
Response: 264231
Conc: 57.41 ng/ml



#6 AR-1016-4

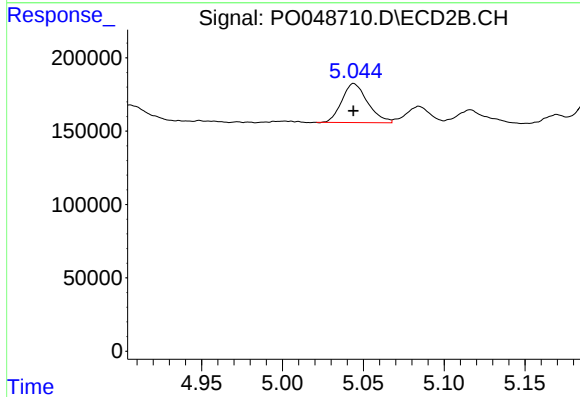
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 338146
Conc: 57.56 ng/ml



#7 AR-1016-5

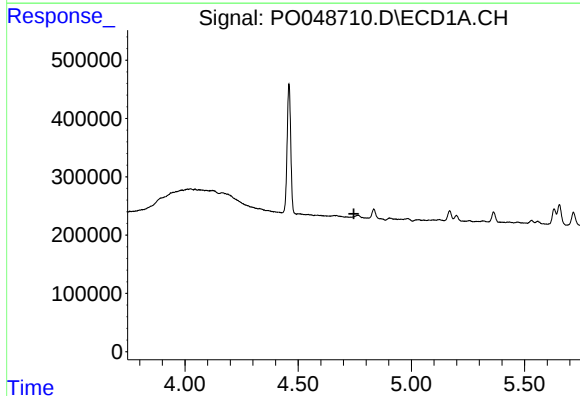
R.T.: 6.108 min
Delta R.T.: 0.012 min
Response: 235496
Conc: 60.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



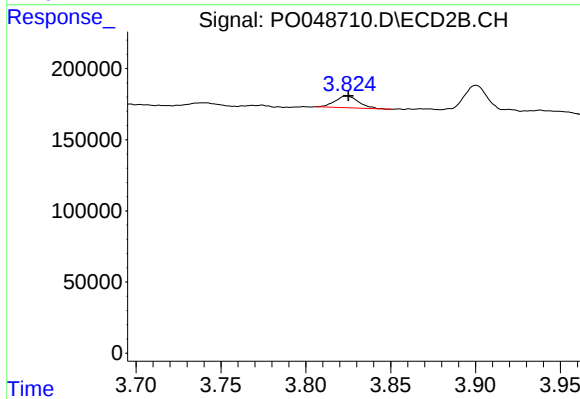
#7 AR-1016-5

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 294859
Conc: 57.03 ng/ml



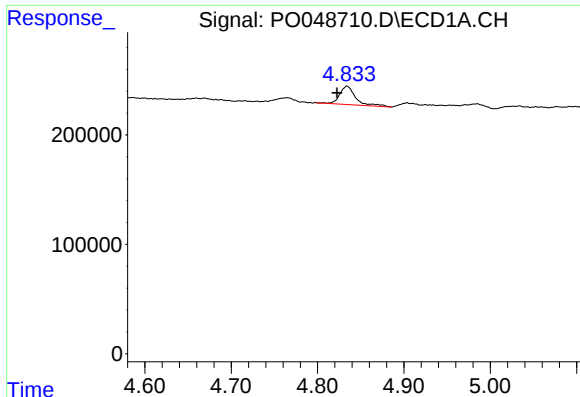
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.746 min
Response: 0
Conc: N.D.



#9 AR-1221-2

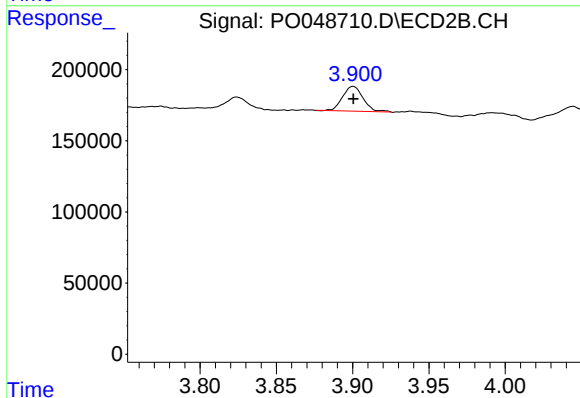
R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 79193
Conc: 48.86 ng/ml



#10 AR-1221-3

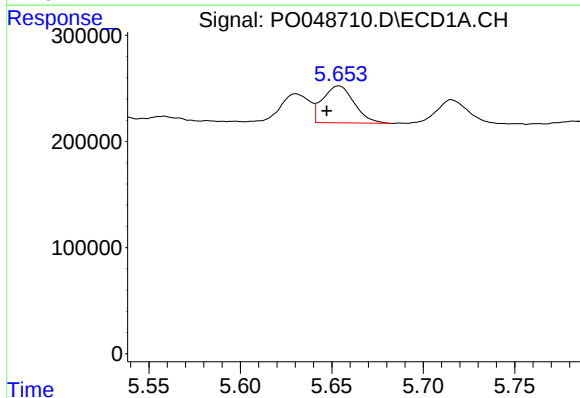
R.T.: 4.834 min
Delta R.T.: 0.011 min
Response: 218657
Conc: 57.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



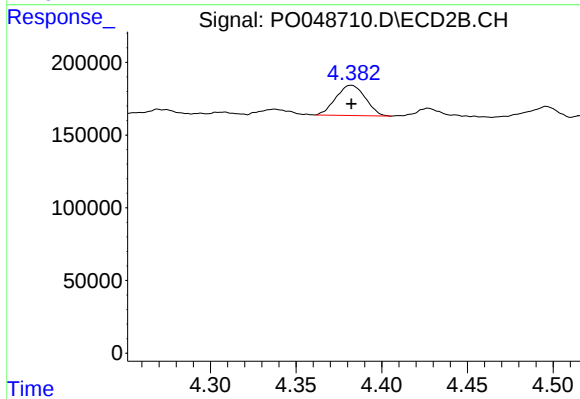
#10 AR-1221-3

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 163558
Conc: 33.21 ng/ml



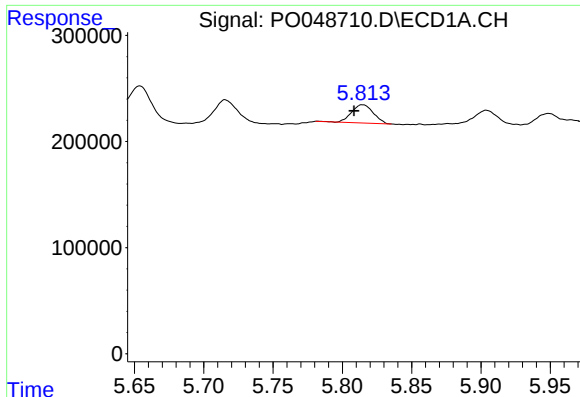
#11 AR-1232-1

R.T.: 5.654 min
Delta R.T.: 0.007 min
Response: 415814
Conc: 149.89 ng/ml



#11 AR-1232-1

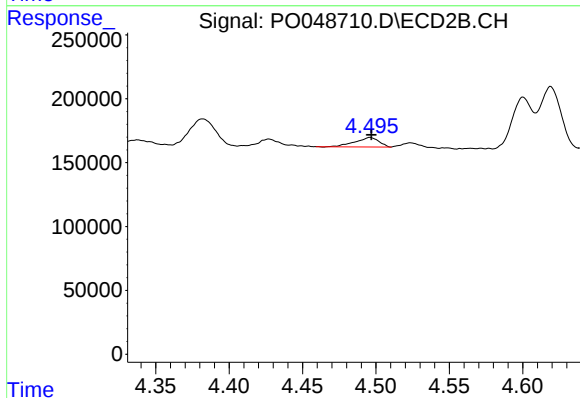
R.T.: 4.382 min
Delta R.T.: 0.000 min
Response: 248982
Conc: 129.14 ng/ml



#12 AR-1232-2

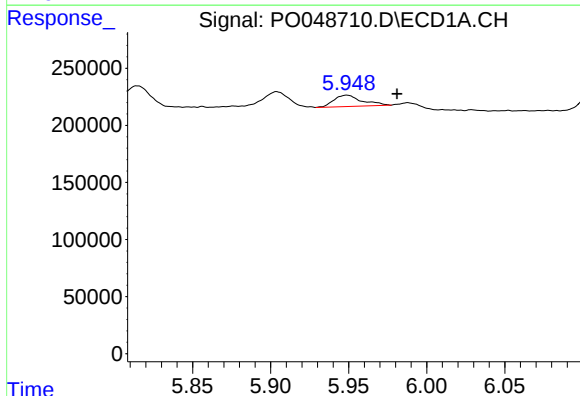
R.T.: 5.815 min
Delta R.T.: 0.006 min
Response: 185446
Conc: 124.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



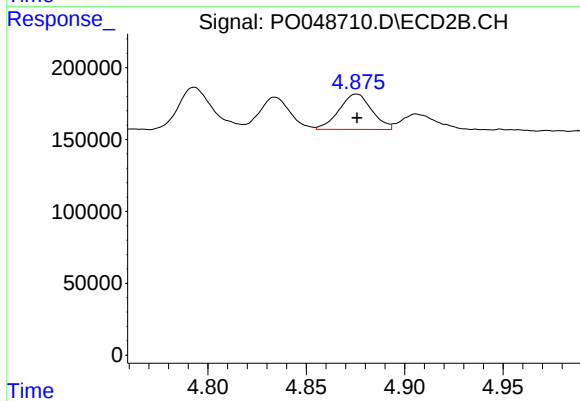
#12 AR-1232-2

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 83351
Conc: 125.46 ng/ml



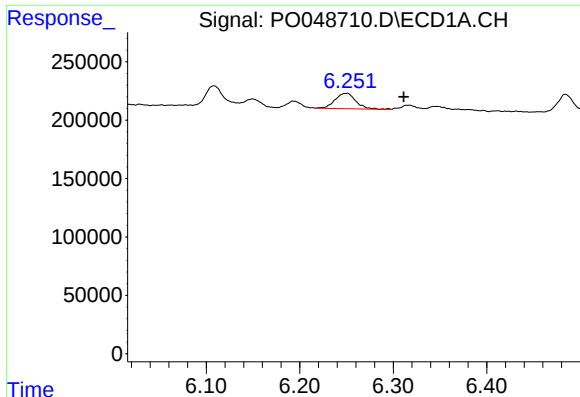
#13 AR-1232-3

R.T.: 5.949 min
Delta R.T.: -0.032 min
Response: 124348
Conc: 289.32 ng/ml



#13 AR-1232-3

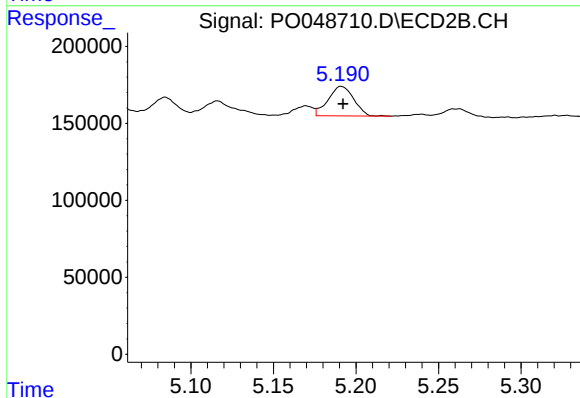
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 285047
Conc: 163.68 ng/ml



#14 AR-1232-4

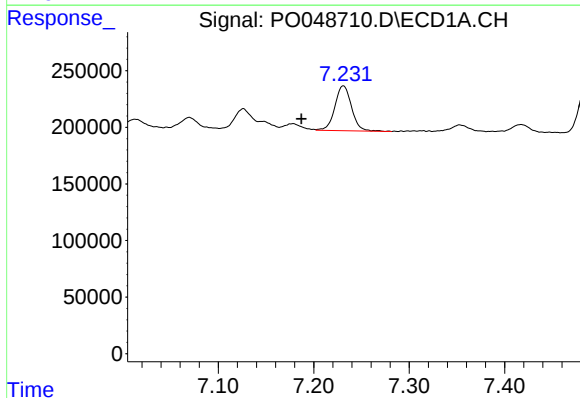
R.T.: 6.250 min
Delta R.T.: -0.061 min
Response: 206835
Conc: 522.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



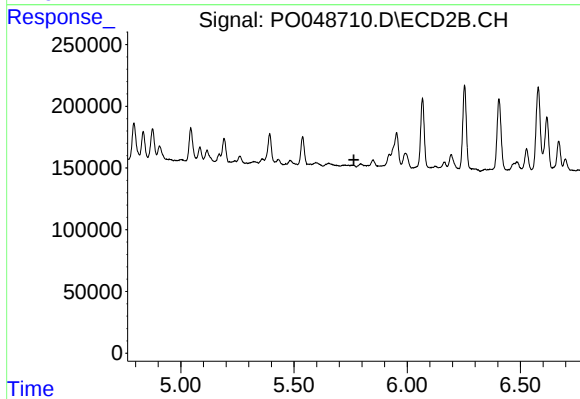
#14 AR-1232-4

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 207414
Conc: 112.16 ng/ml



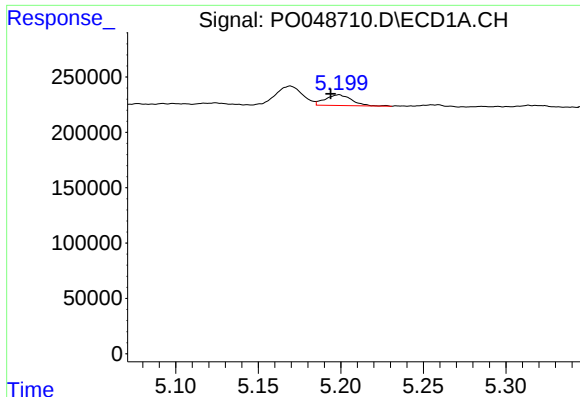
#15 AR-1232-5

R.T.: 7.231 min
Delta R.T.: 0.044 min
Response: 481811
Conc: 2049.75 ng/ml



#15 AR-1232-5

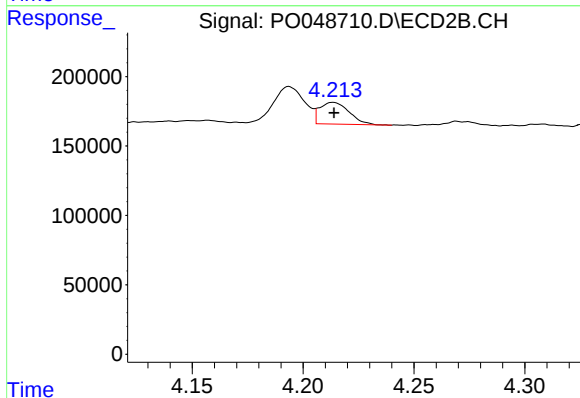
R.T.: 0.000 min
Exp R.T. : 5.764 min
Response: 0
Conc: N.D.



#16 AR-1242-1

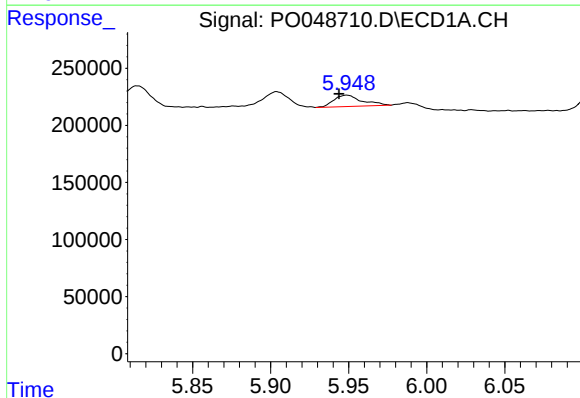
R.T.: 5.199 min
Delta R.T.: 0.005 min
Response: 109761
Conc: 73.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



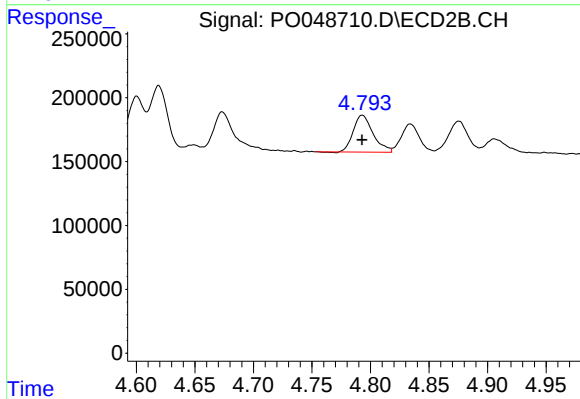
#16 AR-1242-1

R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 145073
Conc: 73.92 ng/ml



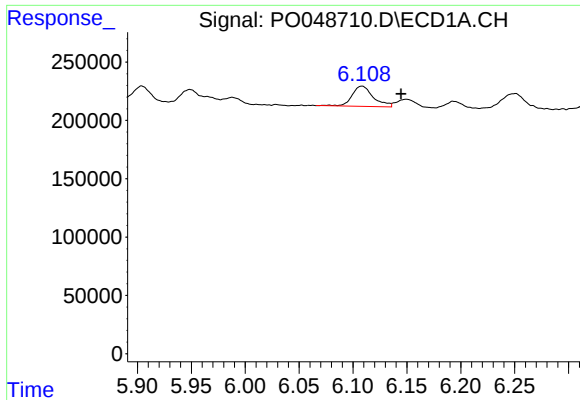
#17 AR-1242-2

R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 124348
Conc: 43.29 ng/ml



#17 AR-1242-2

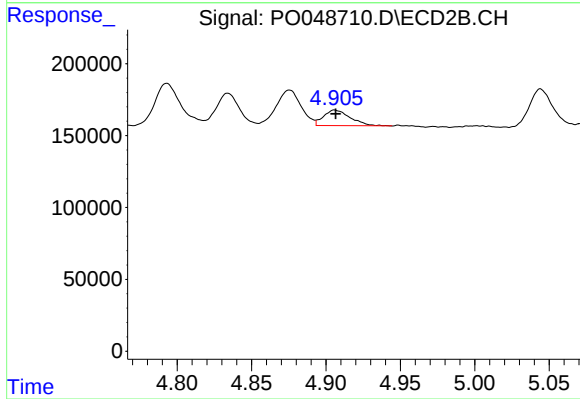
R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 339082
Conc: 83.82 ng/ml



#18 AR-1242-3

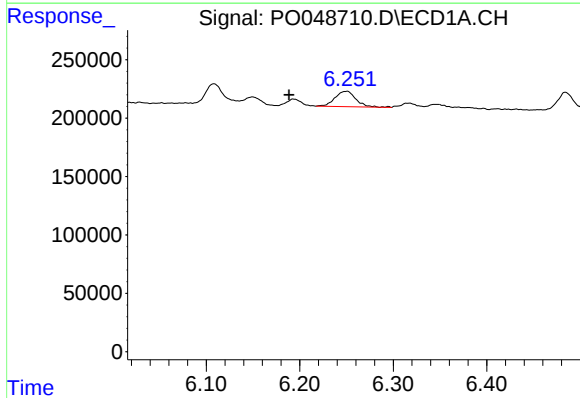
R.T.: 6.108 min
Delta R.T.: -0.036 min
Response: 235496
Conc: 164.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



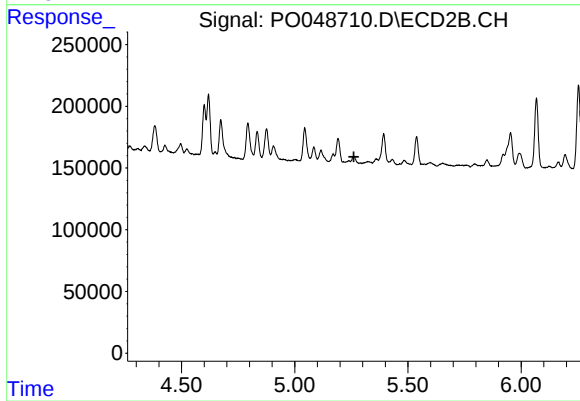
#18 AR-1242-3

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 135976
Conc: 94.97 ng/ml



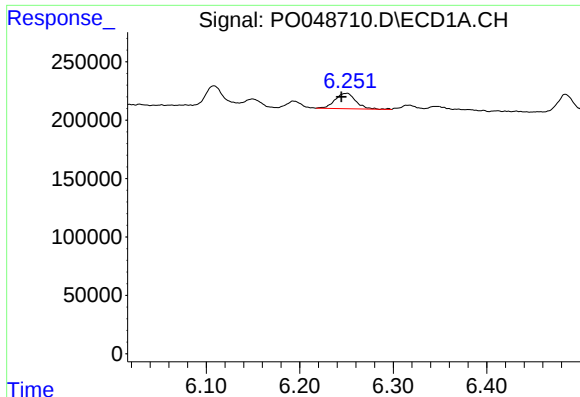
#19 AR-1242-4

R.T.: 6.250 min
Delta R.T.: 0.062 min
Response: 206835
Conc: 187.41 ng/ml



#19 AR-1242-4

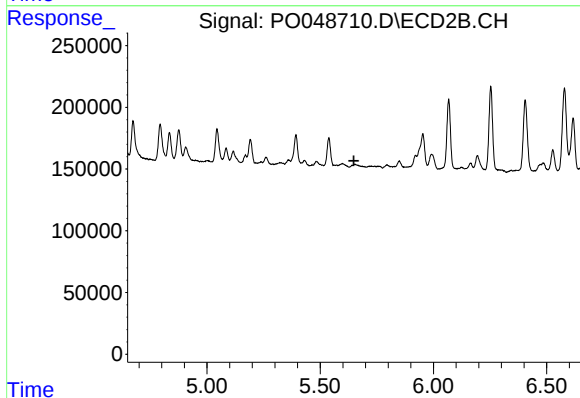
R.T.: 0.000 min
Exp R.T.: 5.261 min
Response: 0
Conc: N.D.



#20 AR-1242-5

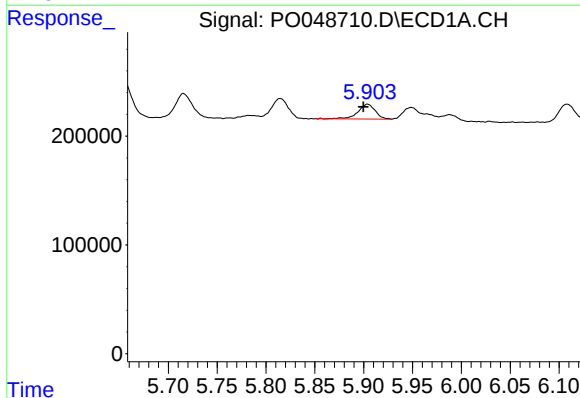
R.T.: 6.250 min
Delta R.T.: 0.006 min
Response: 206835
Conc: 54.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



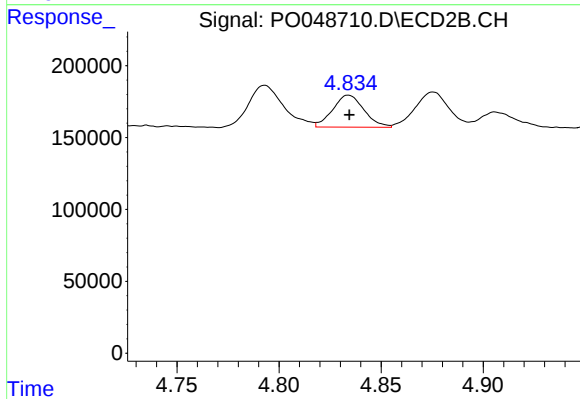
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.649 min
Response: 0
Conc: N.D.



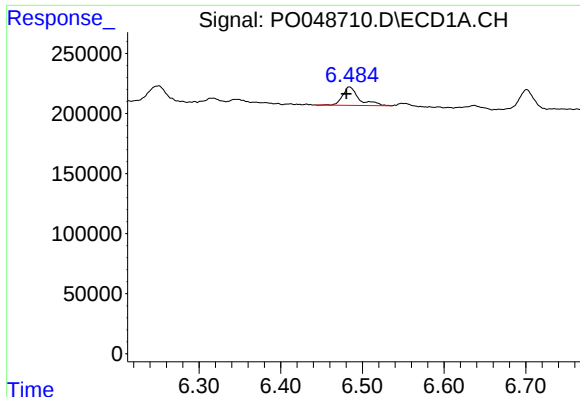
#21 AR-1248-1

R.T.: 5.904 min
Delta R.T.: 0.004 min
Response: 166064
Conc: 33.25 ng/ml



#21 AR-1248-1

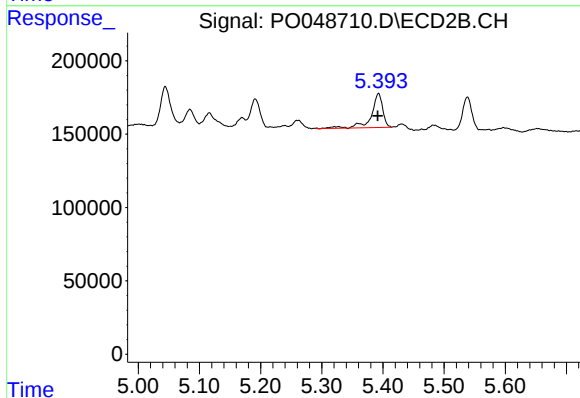
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 236993
Conc: 44.63 ng/ml



#22 AR-1248-2

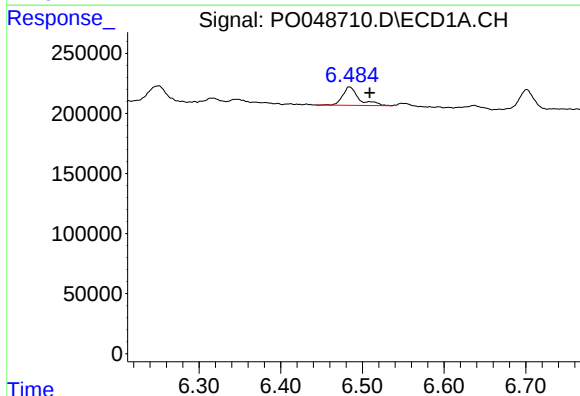
R.T.: 6.484 min
Delta R.T.: 0.004 min
Response: 213119
Conc: 40.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



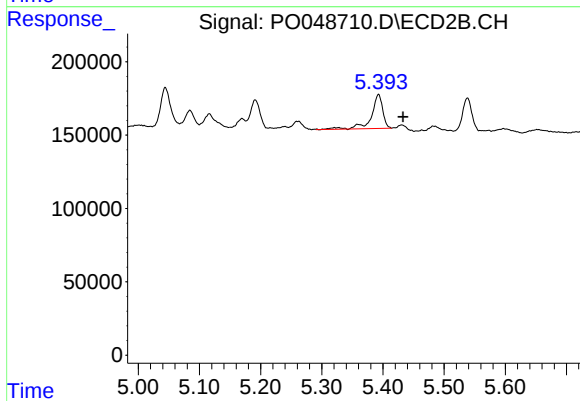
#22 AR-1248-2

R.T.: 5.393 min
Delta R.T.: 0.001 min
Response: 299158
Conc: 31.15 ng/ml



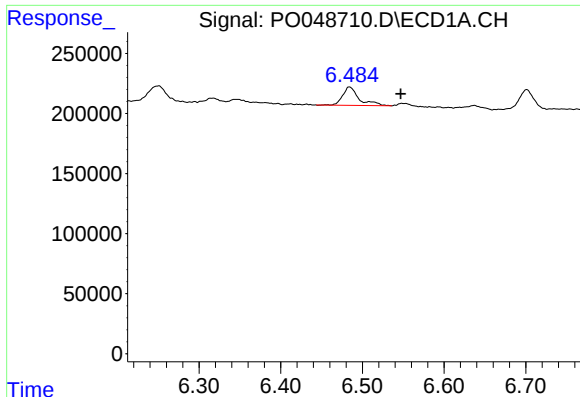
#23 AR-1248-3

R.T.: 6.484 min
Delta R.T.: -0.025 min
Response: 213119
Conc: 31.31 ng/ml



#23 AR-1248-3

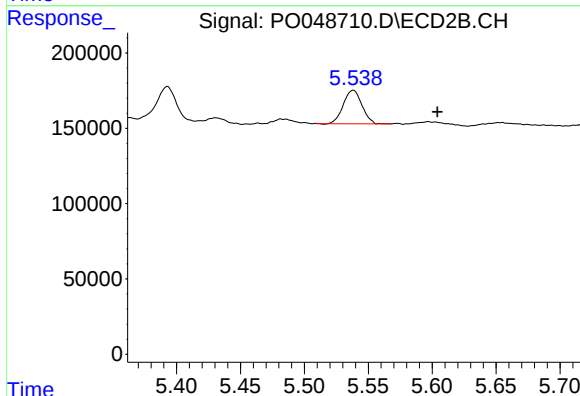
R.T.: 5.393 min
Delta R.T.: -0.040 min
Response: 299158
Conc: 43.96 ng/ml



#24 AR-1248-4

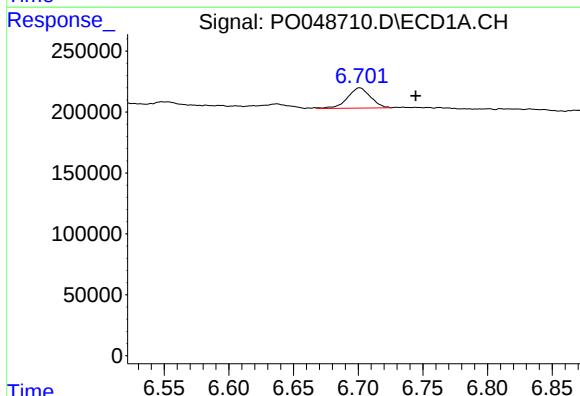
R.T.: 6.484 min
Delta R.T.: -0.063 min
Response: 213119
Conc: 32.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



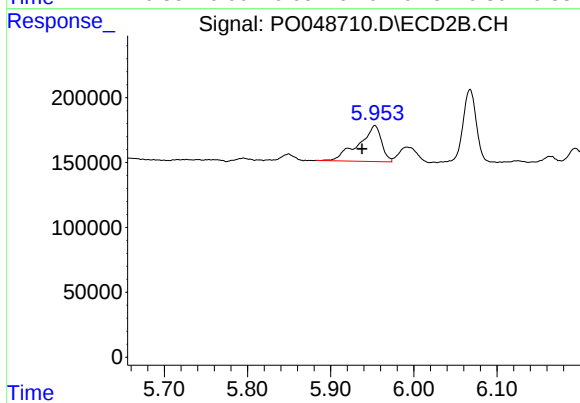
#24 AR-1248-4

R.T.: 5.538 min
Delta R.T.: -0.066 min
Response: 226187
Conc: 37.23 ng/ml



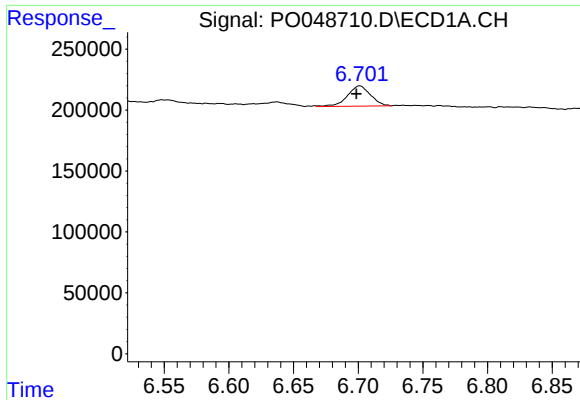
#25 AR-1248-5

R.T.: 6.701 min
Delta R.T.: -0.043 min
Response: 206510
Conc: 45.42 ng/ml



#25 AR-1248-5

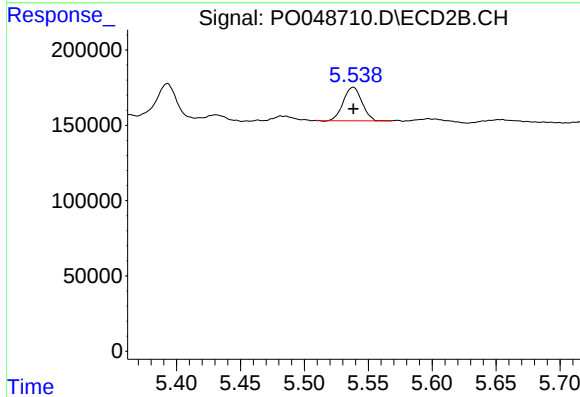
R.T.: 5.953 min
Delta R.T.: 0.015 min
Response: 529047
Conc: 113.67 ng/ml



#26 AR-1254-1

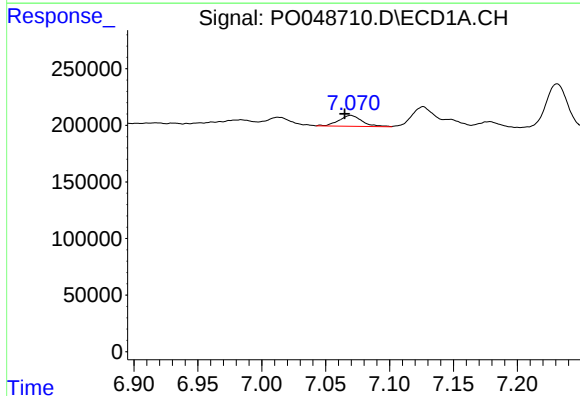
R.T.: 6.701 min
Delta R.T.: 0.003 min
Response: 206510
Conc: 18.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



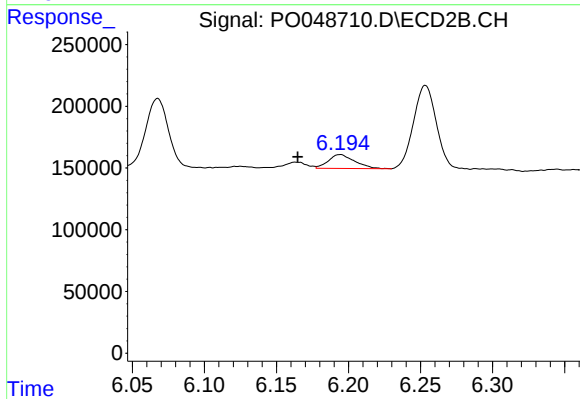
#26 AR-1254-1

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 226187
Conc: 22.29 ng/ml



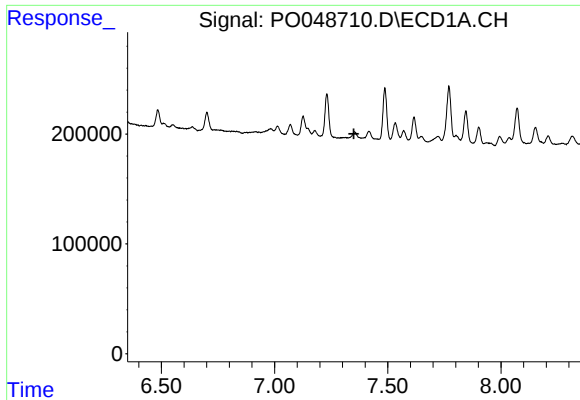
#28 AR-1254-3

R.T.: 7.070 min
Delta R.T.: 0.005 min
Response: 120790
Conc: 9.48 ng/ml



#28 AR-1254-3

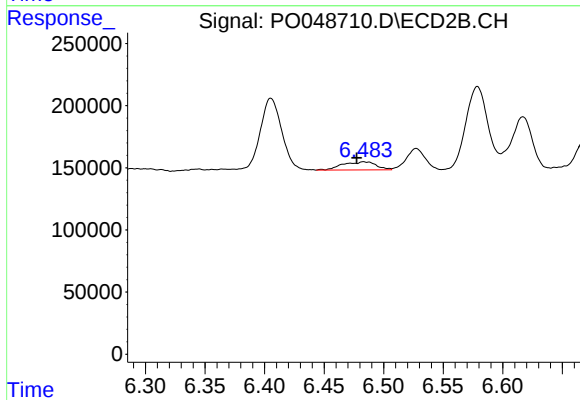
R.T.: 6.194 min
Delta R.T.: 0.029 min
Response: 142382
Conc: 12.92 ng/ml



#29 AR-1254-4

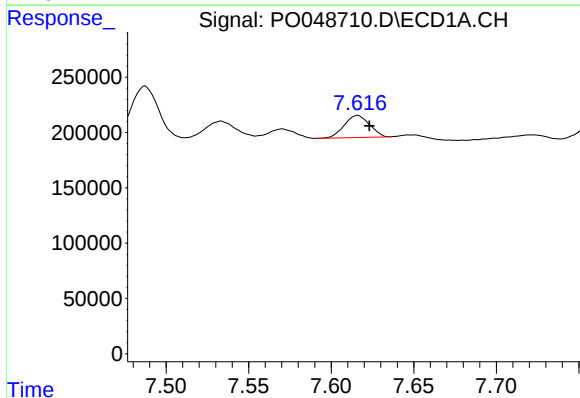
R.T.: 0.000 min
Exp R.T.: 7.351 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



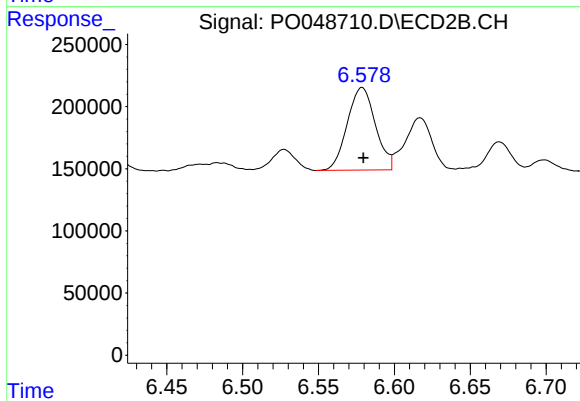
#29 AR-1254-4

R.T.: 6.483 min
Delta R.T.: 0.006 min
Response: 128179
Conc: 15.78 ng/ml



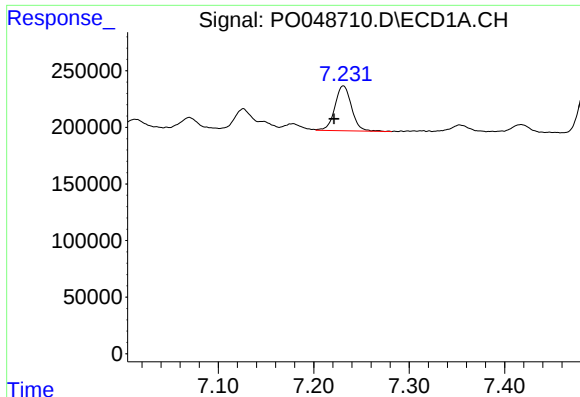
#30 AR-1254-5

R.T.: 7.616 min
Delta R.T.: -0.007 min
Response: 212634
Conc: 27.51 ng/ml



#30 AR-1254-5

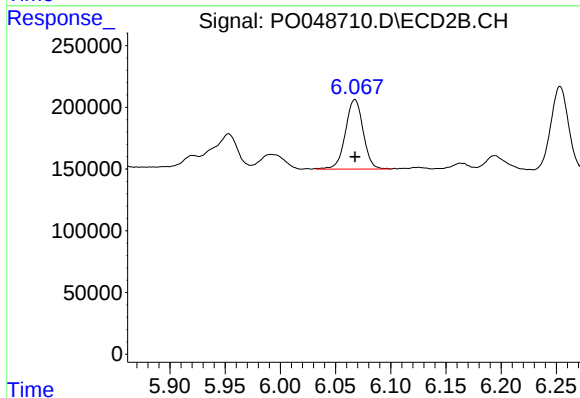
R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 857231
Conc: 56.56 ng/ml



#31 AR-1260-1

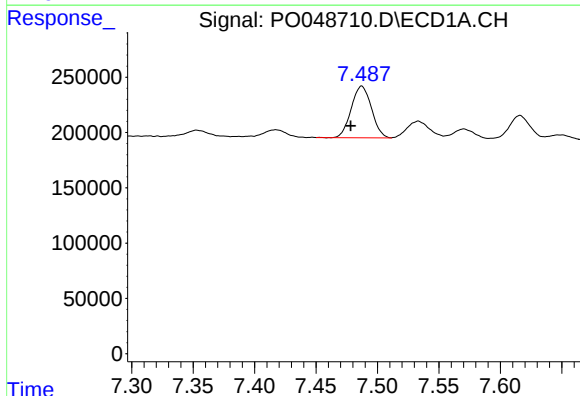
R.T.: 7.231 min
Delta R.T.: 0.010 min
Response: 481811
Conc: 58.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



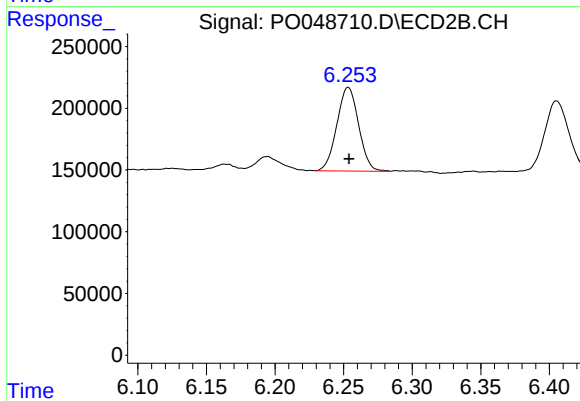
#31 AR-1260-1

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 629258
Conc: 60.45 ng/ml



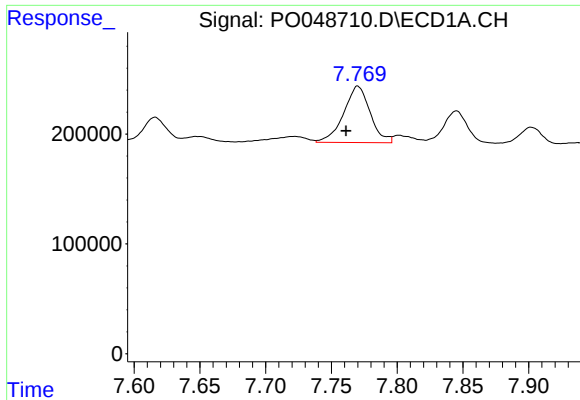
#32 AR-1260-2

R.T.: 7.487 min
Delta R.T.: 0.009 min
Response: 534949
Conc: 54.44 ng/ml



#32 AR-1260-2

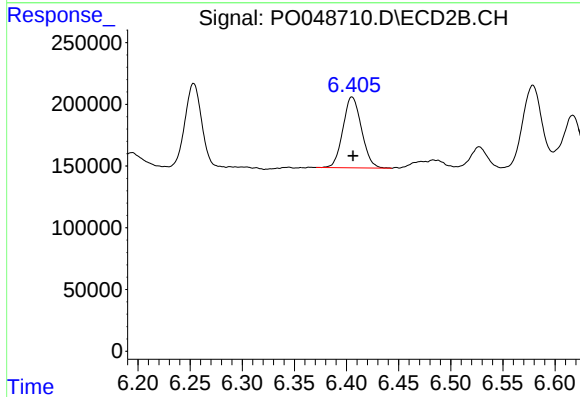
R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 748458
Conc: 59.77 ng/ml



#33 AR-1260-3

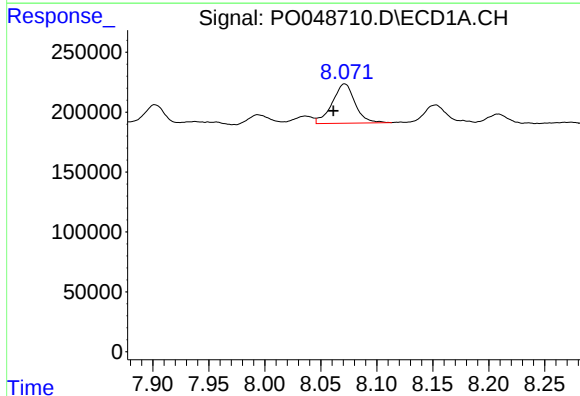
R.T.: 7.770 min
Delta R.T.: 0.009 min
Response: 722357
Conc: 60.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



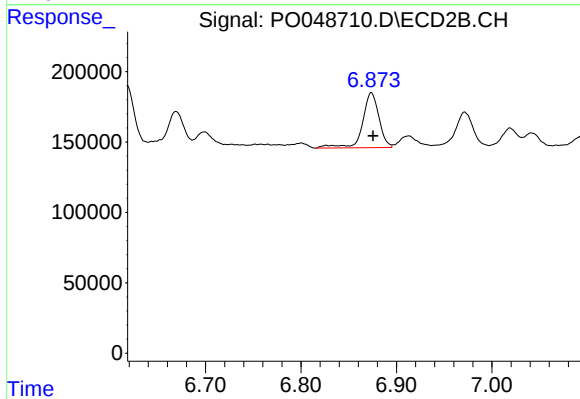
#33 AR-1260-3

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 712913
Conc: 60.09 ng/ml



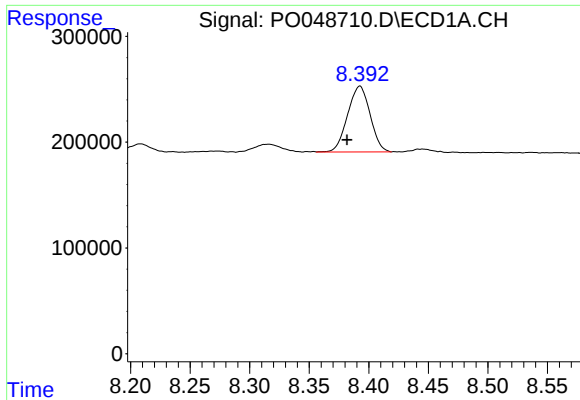
#34 AR-1260-4

R.T.: 8.071 min
Delta R.T.: 0.010 min
Response: 467993
Conc: 54.53 ng/ml



#34 AR-1260-4

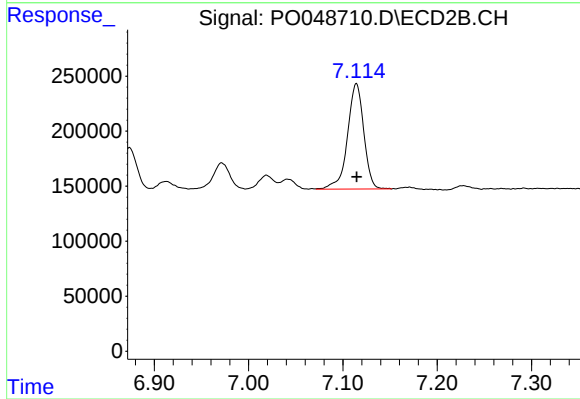
R.T.: 6.874 min
Delta R.T.: -0.002 min
Response: 467163
Conc: 49.38 ng/ml



#35 AR-1260-5

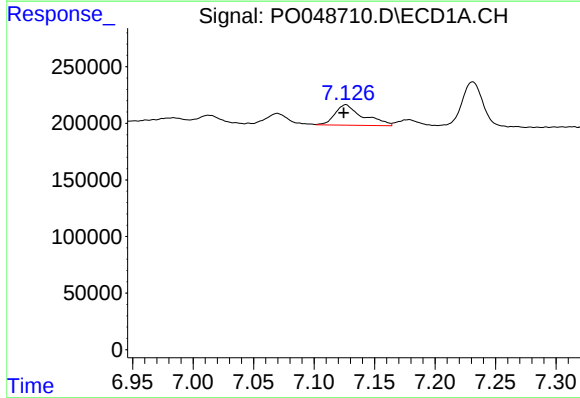
R.T.: 8.393 min
Delta R.T.: 0.011 min
Response: 818465
Conc: 49.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



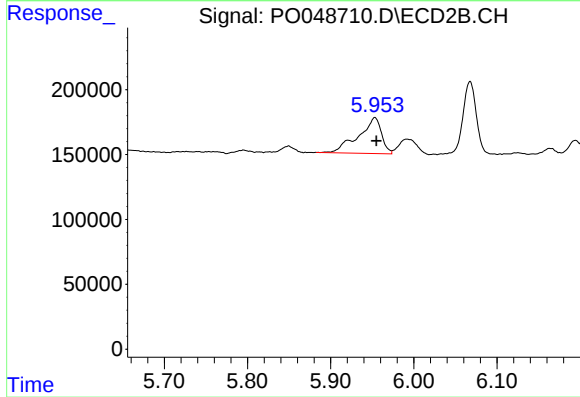
#35 AR-1260-5

R.T.: 7.114 min
Delta R.T.: 0.000 min
Response: 1152071
Conc: 53.05 ng/ml



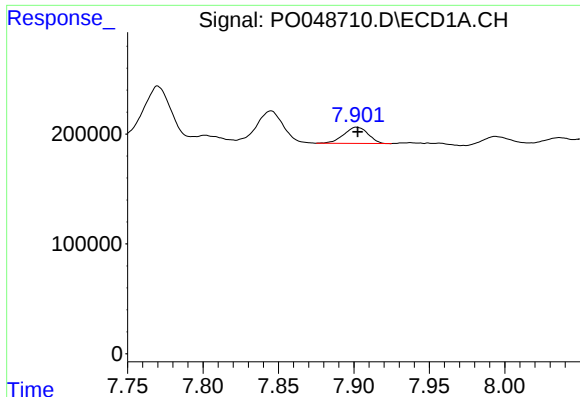
#36 AR-1262-1

R.T.: 7.126 min
Delta R.T.: 0.002 min
Response: 290093
Conc: 59.41 ng/ml



#36 AR-1262-1

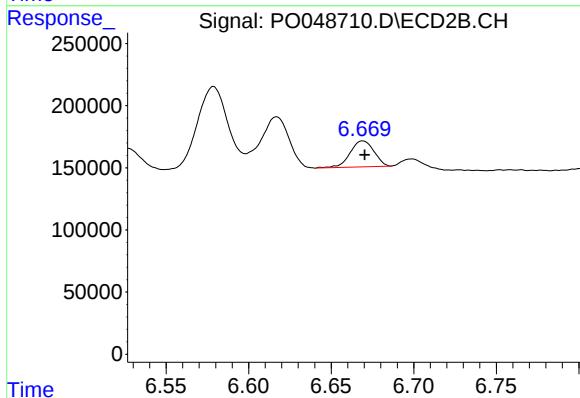
R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 529047
Conc: 96.11 ng/ml



#37 AR-1262-2

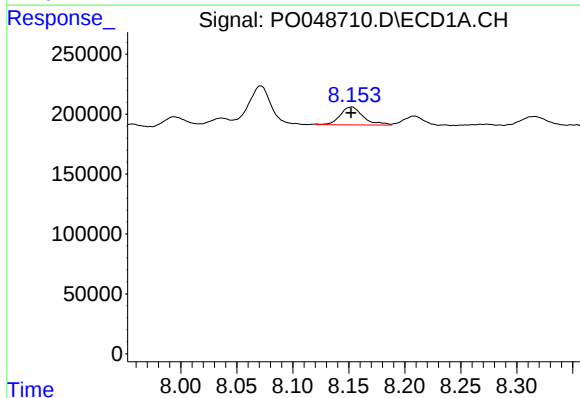
R.T.: 7.902 min
Delta R.T.: 0.000 min
Response: 166796
Conc: 38.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



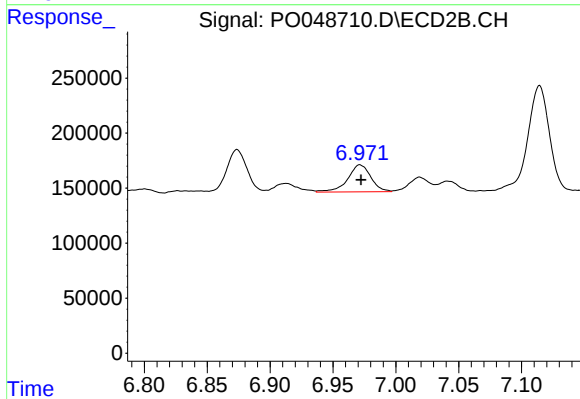
#37 AR-1262-2

R.T.: 6.669 min
Delta R.T.: -0.001 min
Response: 210585
Conc: 38.89 ng/ml



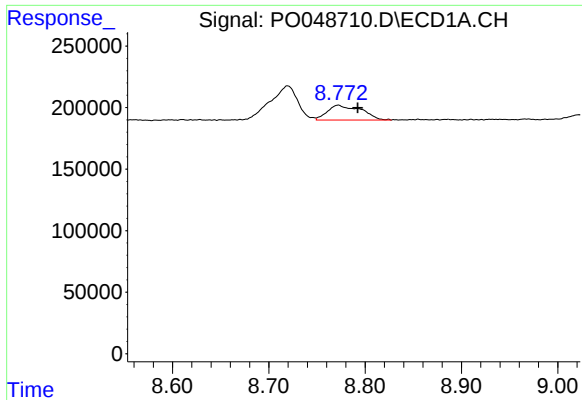
#38 AR-1262-3

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 214239
Conc: 44.10 ng/ml



#38 AR-1262-3

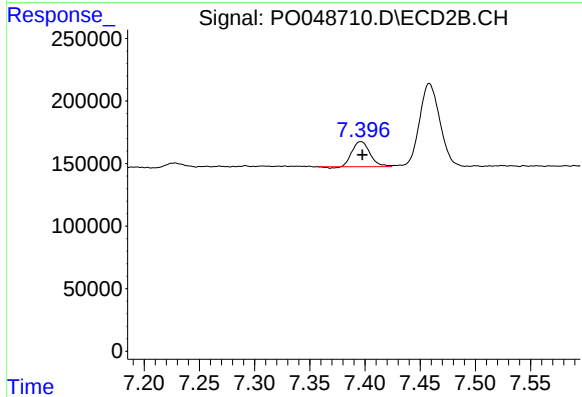
R.T.: 6.972 min
Delta R.T.: 0.000 min
Response: 313903
Conc: 52.62 ng/ml



#39 AR-1262-4

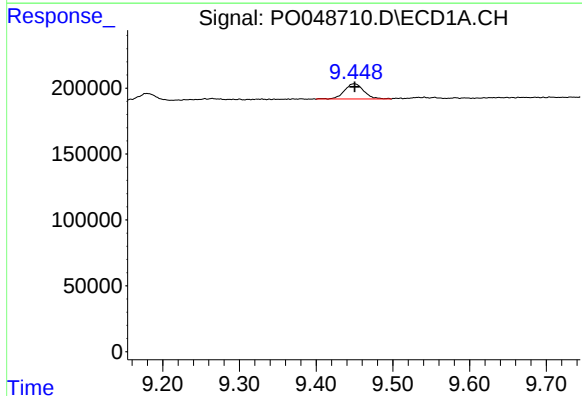
R.T.: 8.772 min
Delta R.T.: -0.020 min
Response: 294986
Conc: 56.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



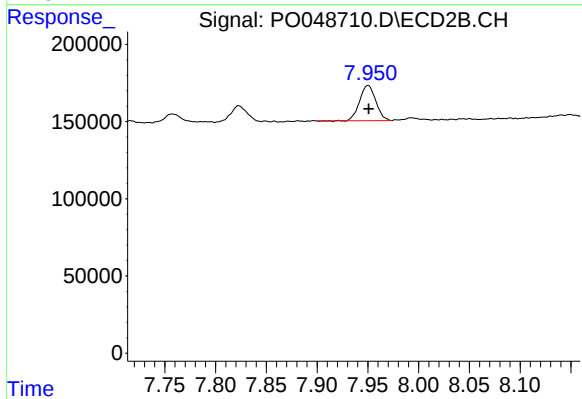
#39 AR-1262-4

R.T.: 7.396 min
Delta R.T.: -0.001 min
Response: 223072
Conc: 25.13 ng/ml



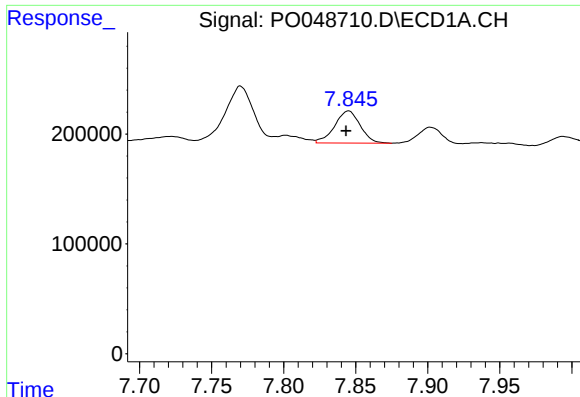
#40 AR-1262-5

R.T.: 9.450 min
Delta R.T.: 0.000 min
Response: 202014
Conc: 30.08 ng/ml



#40 AR-1262-5

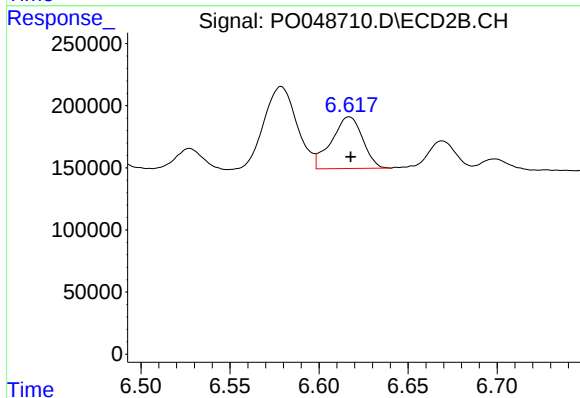
R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 252783
Conc: 33.42 ng/ml



#41 AR-1268-1

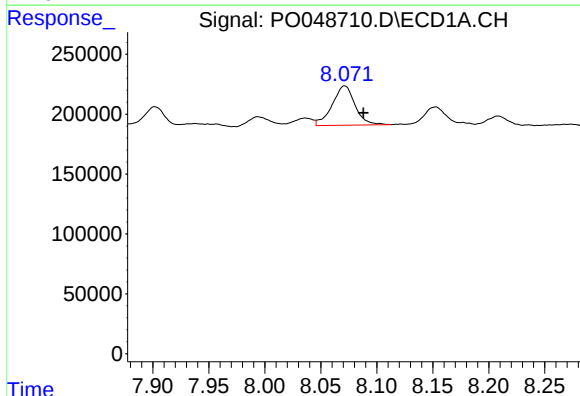
R.T.: 7.845 min
Delta R.T.: 0.002 min
Response: 362605
Conc: 84.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



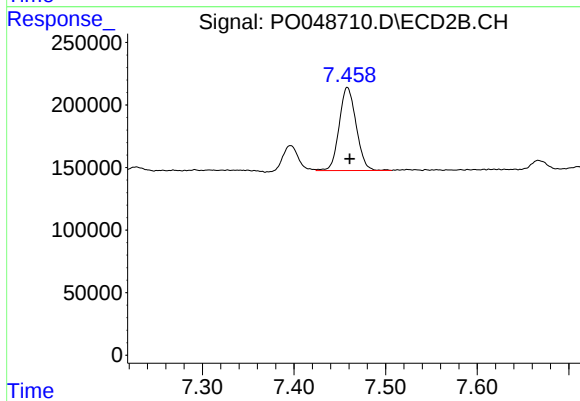
#41 AR-1268-1

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 507358
Conc: 92.97 ng/ml



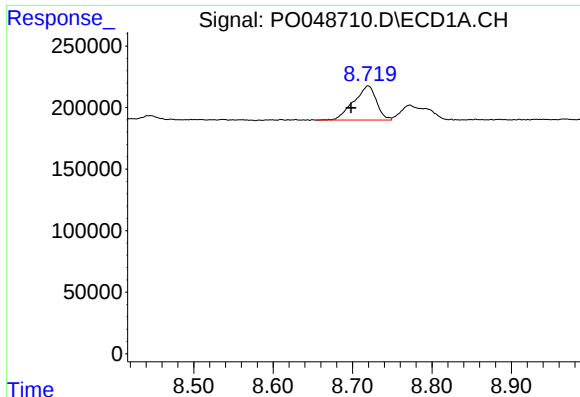
#42 AR-1268-2

R.T.: 8.071 min
Delta R.T.: -0.017 min
Response: 467993
Conc: 85.79 ng/ml



#42 AR-1268-2

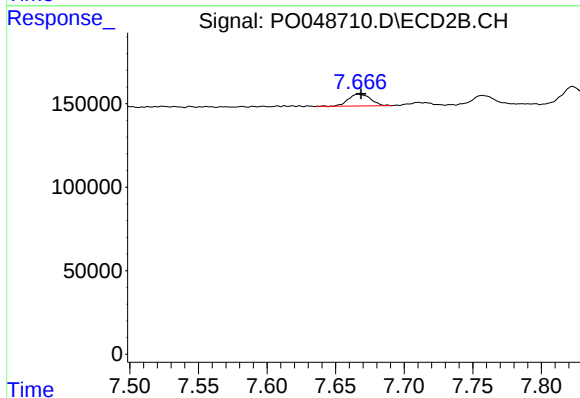
R.T.: 7.458 min
Delta R.T.: -0.003 min
Response: 857105
Conc: 36.05 ng/ml



#43 AR-1268-3

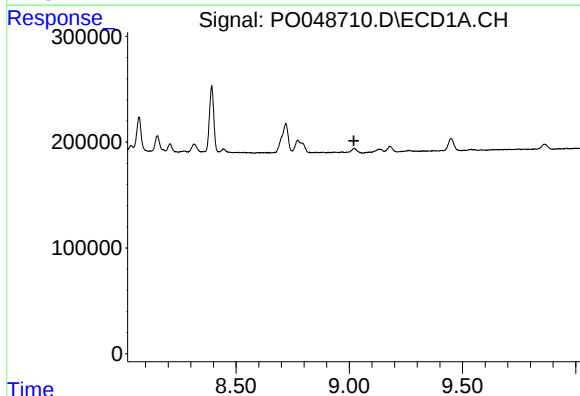
R.T.: 8.720 min
Delta R.T.: 0.021 min
Response: 550737
Conc: 24.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



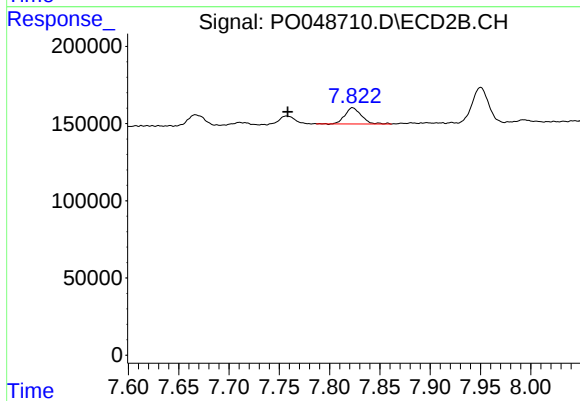
#43 AR-1268-3

R.T.: 7.667 min
Delta R.T.: -0.002 min
Response: 80014
Conc: 4.09 ng/ml



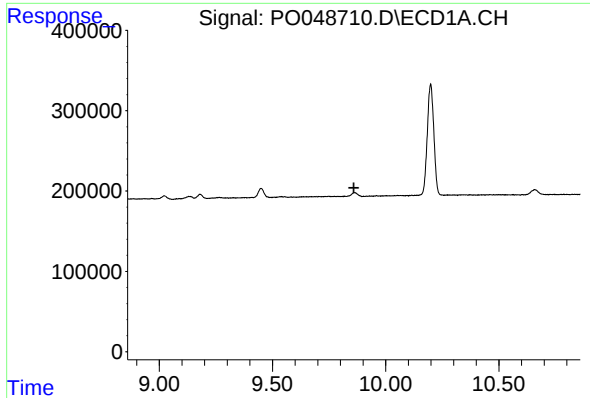
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.021 min
Response: 0
Conc: N.D.



#44 AR-1268-4

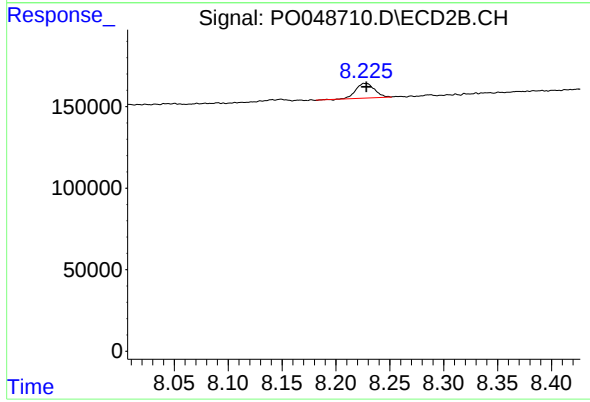
R.T.: 7.823 min
Delta R.T.: 0.065 min
Response: 120249
Conc: 21.41 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 108003
Conc: 1.98 ng/ml