

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103118\
 Data File : PO050838.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Oct 2018 21:56
 Operator : SM/SJ
 Sample : PB114368BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:48:04 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...	4.354	3.348	10539659	4369195	21.085	20.102
2)	SA Decachlor...	10.010	8.093	5382760	4670086	17.318	18.258
Target Compounds							
3)	L1 AR-1016-1	5.517	4.364	3170172	1661764	166.189	180.829
4)	L1 AR-1016-2	5.540	4.379	4788741	2781608	171.872	179.504
5)	L1 AR-1016-3	5.600	4.544	2838337	1456020	172.440	181.783
6)	L1 AR-1016-4	5.700	4.588	2118507	1207167	157.788	198.393 #
7)	L1 AR-1016-5	5.993	4.786	2072748	1410802	153.626	163.485
8)	L2 AR-1221-1	0.000	3.550	0	74955	N.D.	44.343 #
9)	L2 AR-1221-2	4.725	3.629	1555432	244778	513.358	192.338 #
10)	L2 AR-1221-3	4.725	3.701	1555432	752570	130.726	175.973 #
11)	L3 AR-1232-1	4.725	3.701	1555432	752570	181.706	188.256
12)	L3 AR-1232-2	5.251	4.379	2325064	2781608	498.960	581.480
13)	L3 AR-1232-3	5.540	4.544	4788741	1456020	520.331	558.362
14)	L3 AR-1232-4	5.700	4.625	2118507	1349828	469.280	605.505 #
15)	L3 AR-1232-5	5.789	4.786	1605704	1410802	541.026	530.432
16)	L4 AR-1242-1	5.517	4.364	3170172	1661764	251.515	283.150
17)	L4 AR-1242-2	5.540	4.379	4788741	2781608	259.506	278.429
18)	L4 AR-1242-3	5.600	4.544	2838337	1456020	265.963	288.341
19)	L4 AR-1242-4	5.700	4.625	2118507	1349828	243.451	282.570
20)	L4 AR-1242-5	6.368	5.119	1082906	1168103	116.096	181.312 #
21)	L5 AR-1248-1	5.517	4.364	3170172	1661764	326.220	360.199
22)	L5 AR-1248-2	5.789	4.588	1605704	1207167	123.960	173.325 #
23)	L5 AR-1248-3	5.993	4.625	2072748	1349828	136.945	193.104 #
24)	L5 AR-1248-4	6.368	4.786	1082906	1410802	64.956	151.192 #
25)	L5 AR-1248-5	6.368	5.160	1082906	186601	69.368	19.408 #
26)	L6 AR-1254-1	6.368	5.119	1082906	1168103	49.316	60.922
27)	L6 AR-1254-2	6.585	5.261	1685690	1194154	49.858	68.790 #
28)	L6 AR-1254-3	6.952	5.659	1252232	2413877	35.960	85.283 #
29)	L6 AR-1254-4	7.235	5.863	513234	202219	22.189	11.441 #
30)	L6 AR-1254-5	7.652	6.266	4869493	4616647	198.332	172.674
31)	L7 AR-1260-1	7.113	5.769	3744251	3269786	145.545	158.146
32)	L7 AR-1260-2	7.369	5.953	4245714	4558529	143.521	158.747
33)	L7 AR-1260-3	7.726	6.098	2508606	3733290	118.367	151.386 #
34)	L7 AR-1260-4	7.951	6.553	2953087	2747700	129.052	133.219
35)	L7 AR-1260-5	8.265	6.792	5463939	7231699	124.053	139.171
36)	L8 AR-1262-1	7.726	6.305	2508606	3586502	101.685	127.453 #
37)	L8 AR-1262-2	8.265	6.792	5463939	7231699	139.606	160.983
38)	L8 AR-1262-3	8.583	7.067	3256575	1398028	128.903	77.866 #
39)	L8 AR-1262-4	8.637	7.127	1838586	4443930	93.679	151.054 #
40)	L8 AR-1262-5	9.292	7.613	1291456	1259424	107.148	108.521
41)	L9 AR-1268-1	8.583	7.067	3256575	1398028	64.547	25.383 #

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 ALS Vial : 21 Sample Multiplier: 1

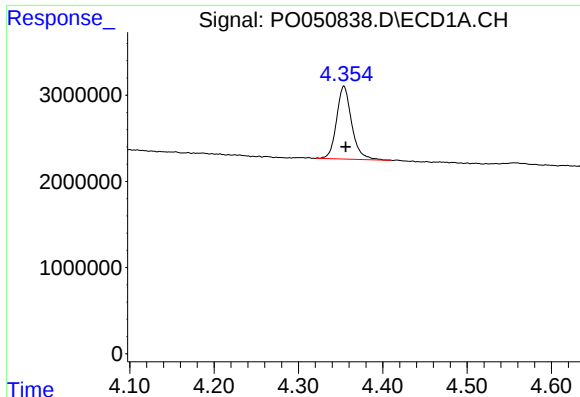
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.637	7.127	1838586	4443930	40.421	93.230 #
44) L9	AR-1268-4	9.292	7.613	1291456	1259424	91.170	90.149
45) L9	AR-1268-5	0.000	7.877	0	368529	N.D.	3.677 #

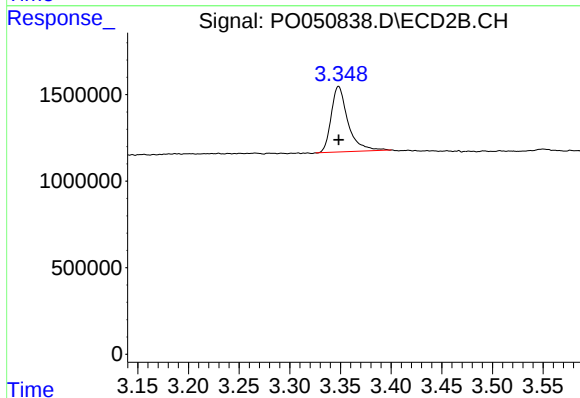
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

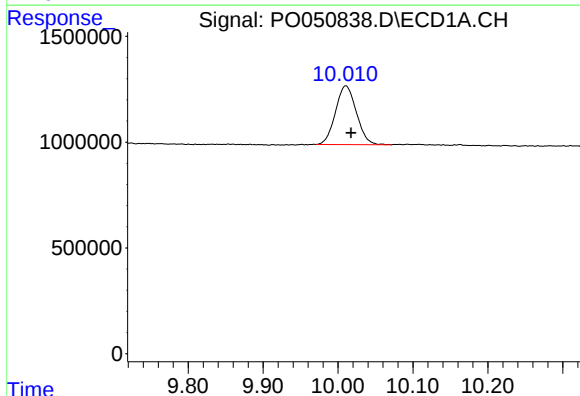
R.T.: 4.354 min
Delta R.T.: -0.002 min
Response: 10539659
Conc: 21.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



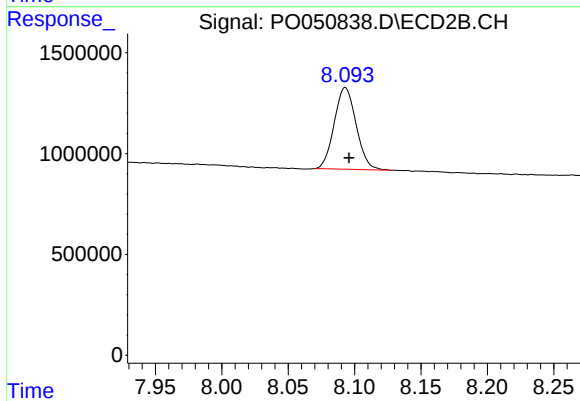
#1 Tetrachloro-m-xylene

R.T.: 3.348 min
Delta R.T.: 0.000 min
Response: 4369195
Conc: 20.10 ng/ml



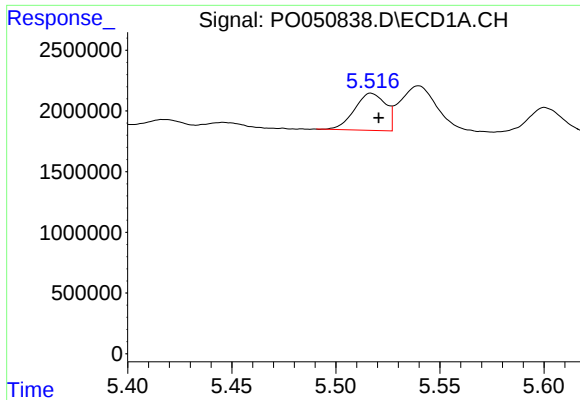
#2 Decachlorobiphenyl

R.T.: 10.010 min
Delta R.T.: -0.007 min
Response: 5382760
Conc: 17.32 ng/ml



#2 Decachlorobiphenyl

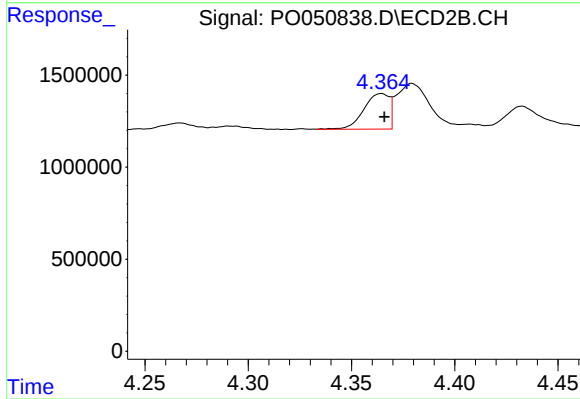
R.T.: 8.093 min
Delta R.T.: -0.003 min
Response: 4670086
Conc: 18.26 ng/ml



#3 AR-1016-1

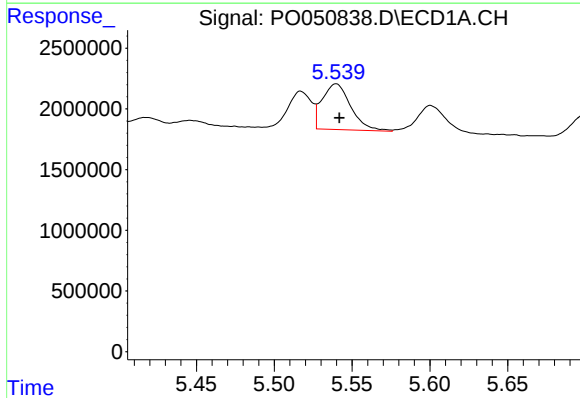
R.T.: 5.517 min
Delta R.T.: -0.004 min
Response: 3170172
Conc: 166.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



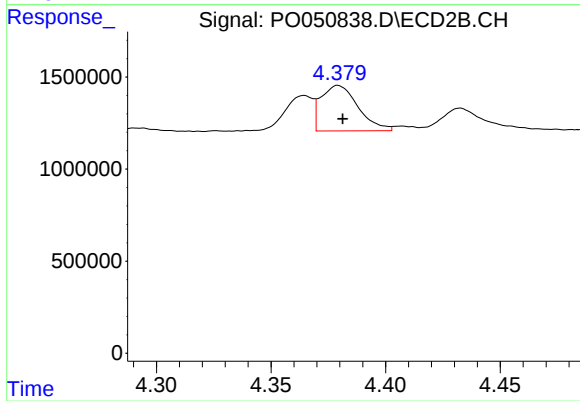
#3 AR-1016-1

R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 1661764
Conc: 180.83 ng/ml



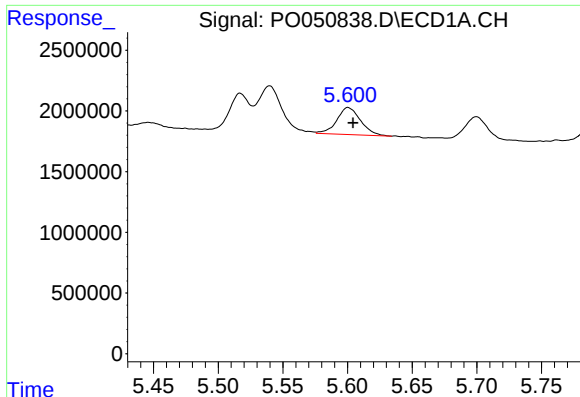
#4 AR-1016-2

R.T.: 5.540 min
Delta R.T.: -0.002 min
Response: 4788741
Conc: 171.87 ng/ml



#4 AR-1016-2

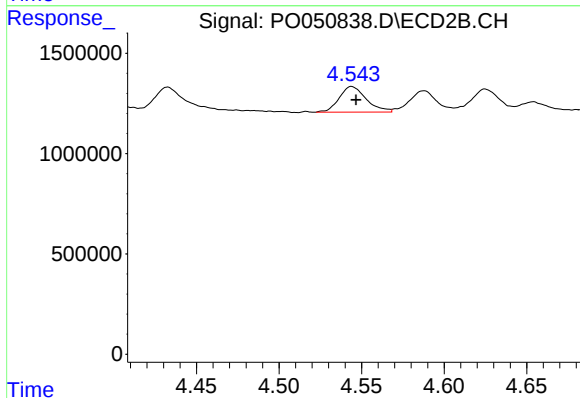
R.T.: 4.379 min
Delta R.T.: -0.002 min
Response: 2781608
Conc: 179.50 ng/ml



#5 AR-1016-3

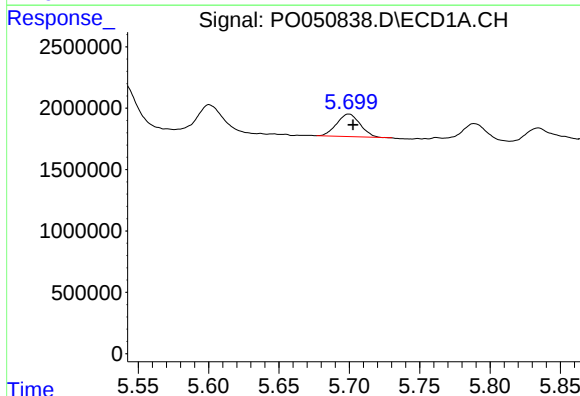
R.T.: 5.600 min
Delta R.T.: -0.004 min
Response: 2838337
Conc: 172.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



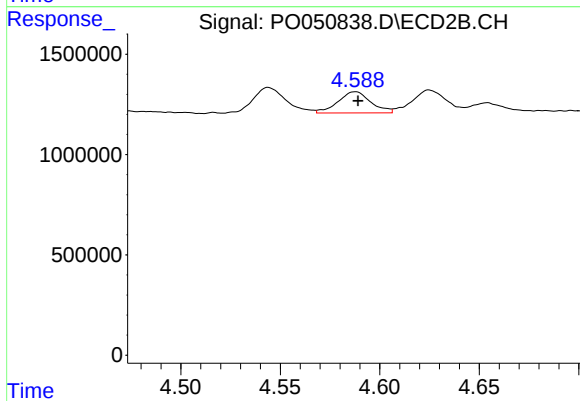
#5 AR-1016-3

R.T.: 4.544 min
Delta R.T.: -0.003 min
Response: 1456020
Conc: 181.78 ng/ml



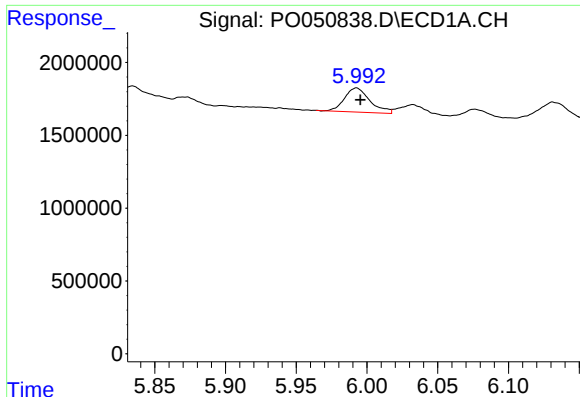
#6 AR-1016-4

R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 2118507
Conc: 157.79 ng/ml



#6 AR-1016-4

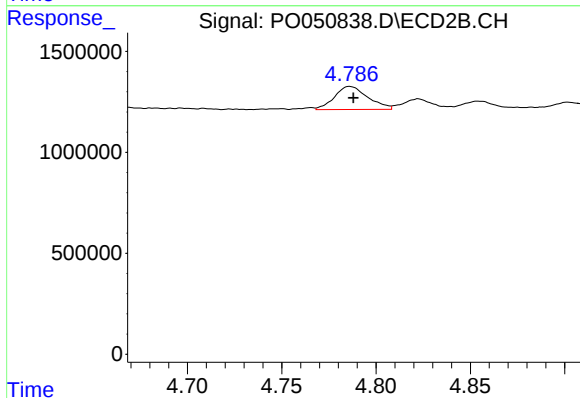
R.T.: 4.588 min
Delta R.T.: -0.001 min
Response: 1207167
Conc: 198.39 ng/ml



#7 AR-1016-5

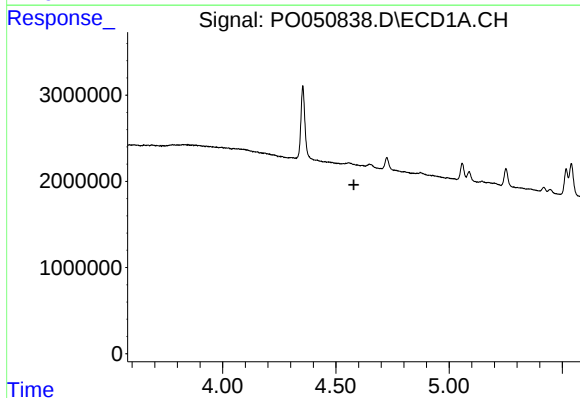
R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 2072748
Conc: 153.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



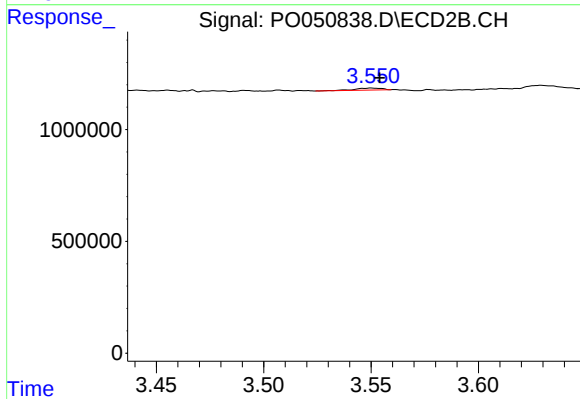
#7 AR-1016-5

R.T.: 4.786 min
Delta R.T.: -0.002 min
Response: 1410802
Conc: 163.48 ng/ml



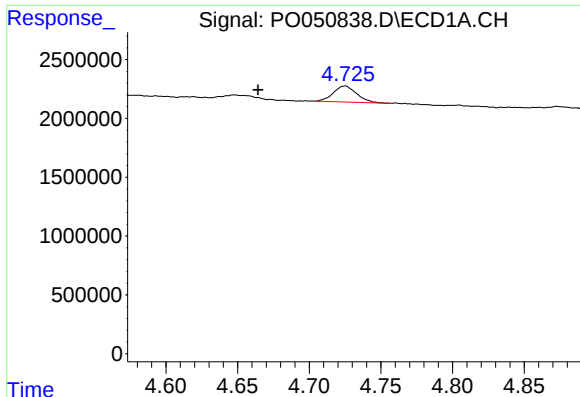
#8 AR-1221-1

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



#8 AR-1221-1

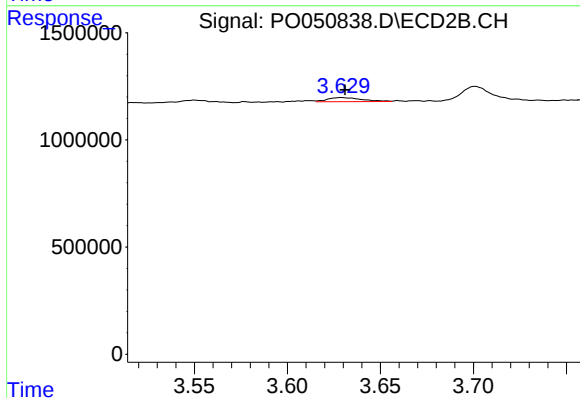
R.T.: 3.550 min
Delta R.T.: -0.004 min
Response: 74955
Conc: 44.34 ng/ml



#9 AR-1221-2

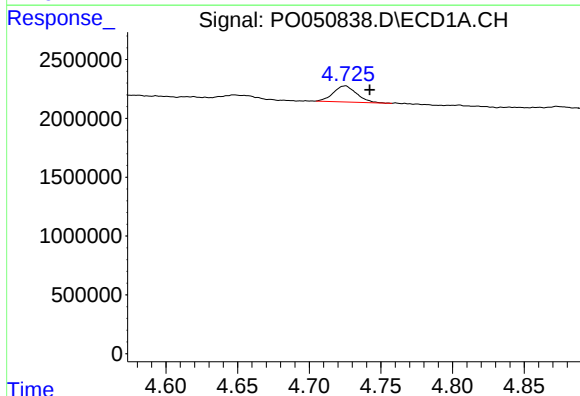
R.T.: 4.725 min
Delta R.T.: 0.061 min
Response: 1555432
Conc: 513.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



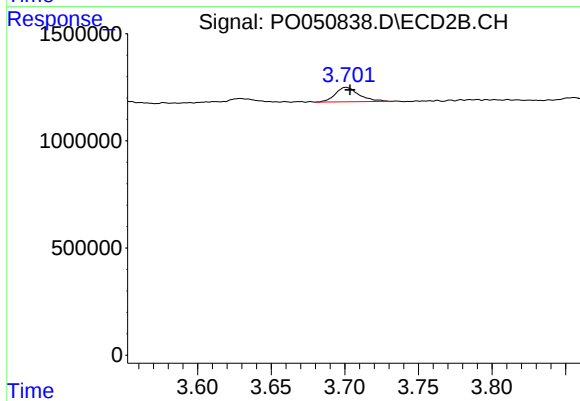
#9 AR-1221-2

R.T.: 3.629 min
Delta R.T.: -0.002 min
Response: 244778
Conc: 192.34 ng/ml



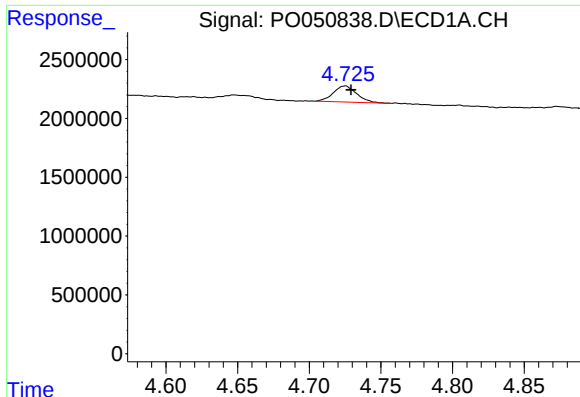
#10 AR-1221-3

R.T.: 4.725 min
Delta R.T.: -0.017 min
Response: 1555432
Conc: 130.73 ng/ml



#10 AR-1221-3

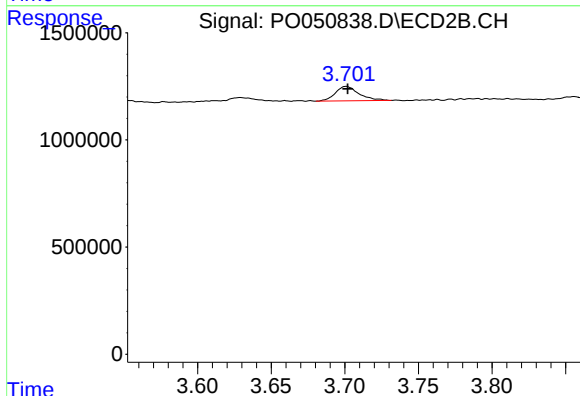
R.T.: 3.701 min
Delta R.T.: -0.002 min
Response: 752570
Conc: 175.97 ng/ml



#11 AR-1232-1

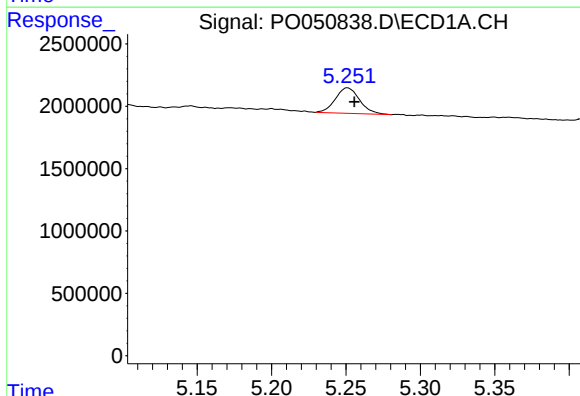
R.T.: 4.725 min
Delta R.T.: -0.004 min
Response: 1555432
Conc: 181.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



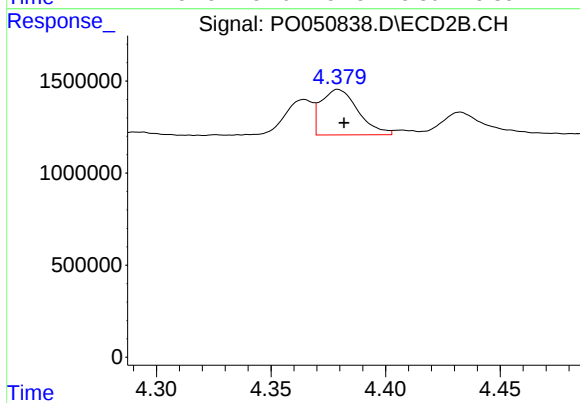
#11 AR-1232-1

R.T.: 3.701 min
Delta R.T.: 0.000 min
Response: 752570
Conc: 188.26 ng/ml



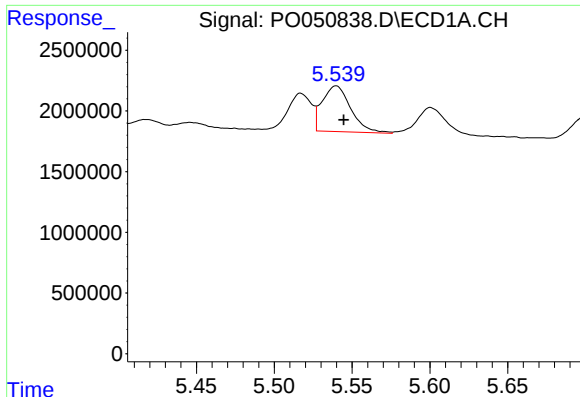
#12 AR-1232-2

R.T.: 5.251 min
Delta R.T.: -0.005 min
Response: 2325064
Conc: 498.96 ng/ml



#12 AR-1232-2

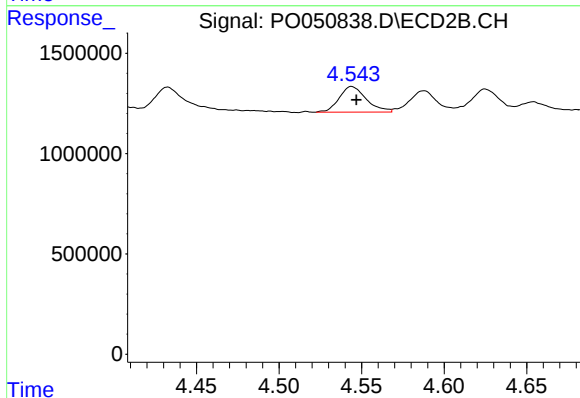
R.T.: 4.379 min
Delta R.T.: -0.003 min
Response: 2781608
Conc: 581.48 ng/ml



#13 AR-1232-3

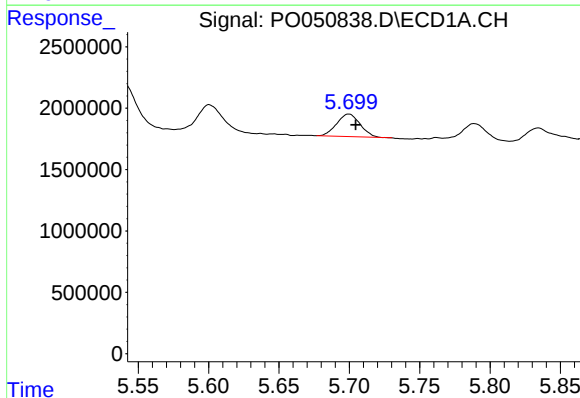
R.T.: 5.540 min
Delta R.T.: -0.005 min
Response: 4788741
Conc: 520.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



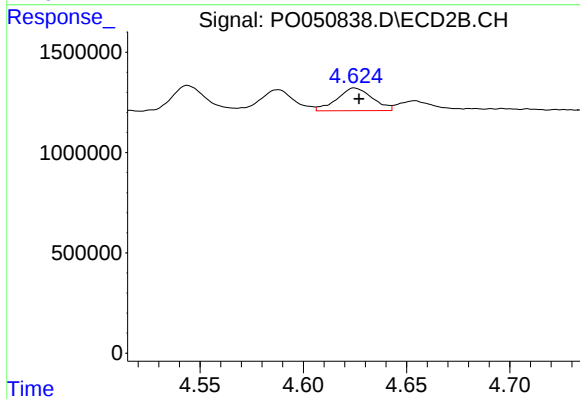
#13 AR-1232-3

R.T.: 4.544 min
Delta R.T.: -0.003 min
Response: 1456020
Conc: 558.36 ng/ml



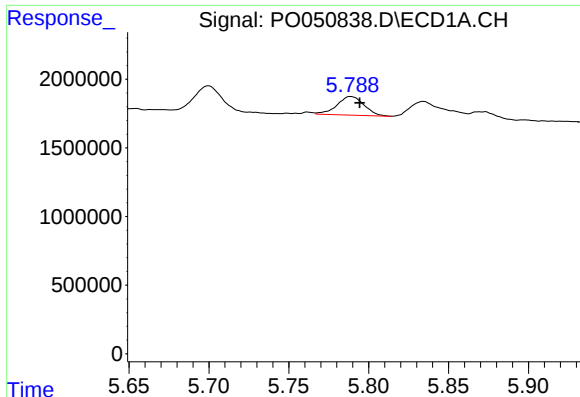
#14 AR-1232-4

R.T.: 5.700 min
Delta R.T.: -0.005 min
Response: 2118507
Conc: 469.28 ng/ml



#14 AR-1232-4

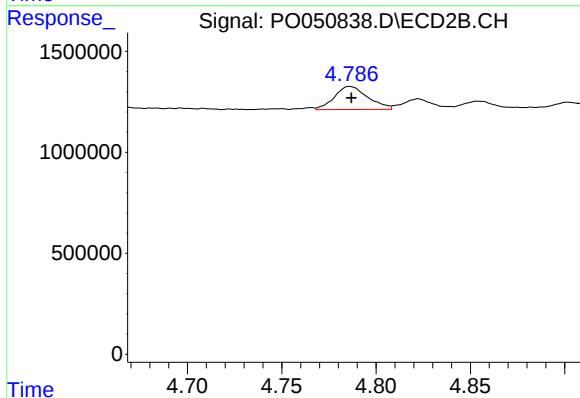
R.T.: 4.625 min
Delta R.T.: -0.002 min
Response: 1349828
Conc: 605.50 ng/ml



#15 AR-1232-5

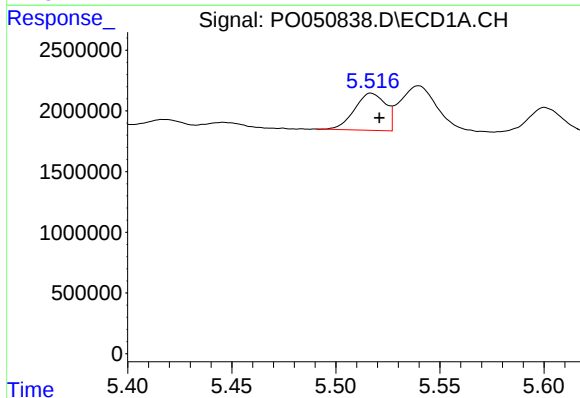
R.T.: 5.789 min
Delta R.T.: -0.006 min
Response: 1605704
Conc: 541.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



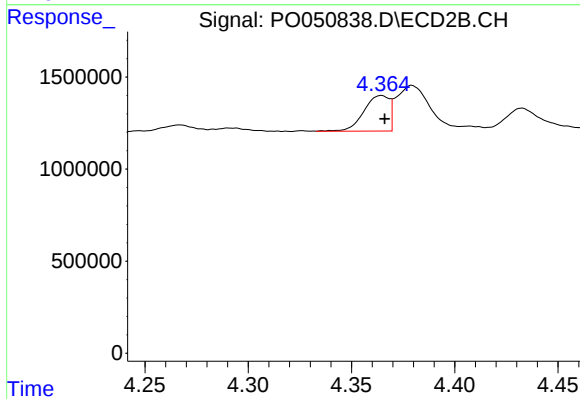
#15 AR-1232-5

R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 1410802
Conc: 530.43 ng/ml



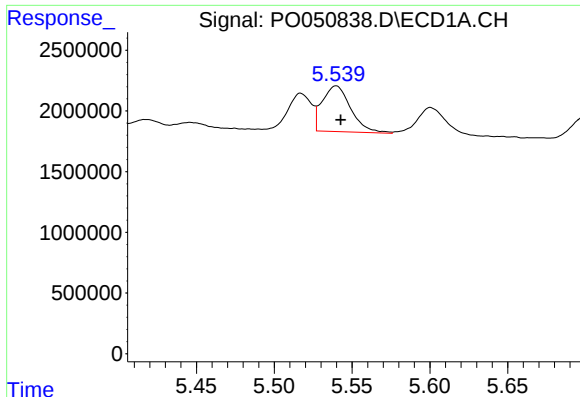
#16 AR-1242-1

R.T.: 5.517 min
Delta R.T.: -0.004 min
Response: 3170172
Conc: 251.51 ng/ml



#16 AR-1242-1

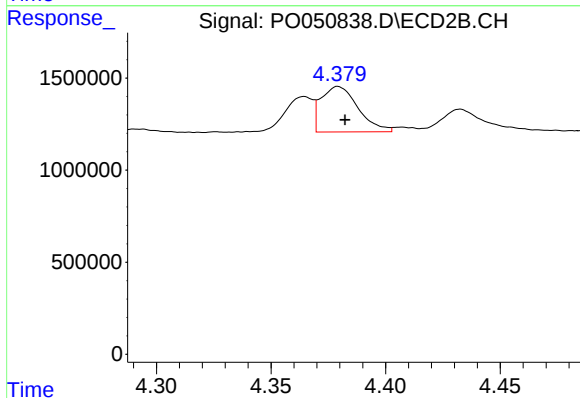
R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 1661764
Conc: 283.15 ng/ml



#17 AR-1242-2

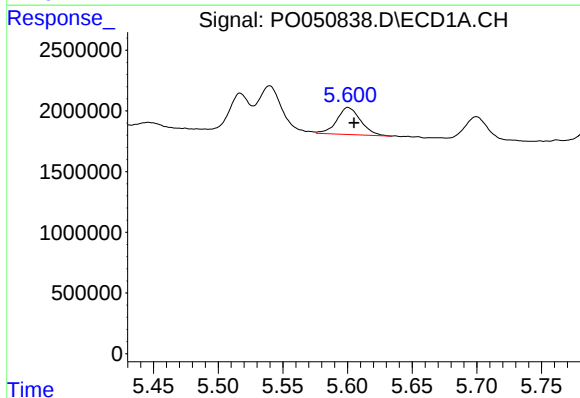
R.T.: 5.540 min
Delta R.T.: -0.003 min
Response: 4788741
Conc: 259.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



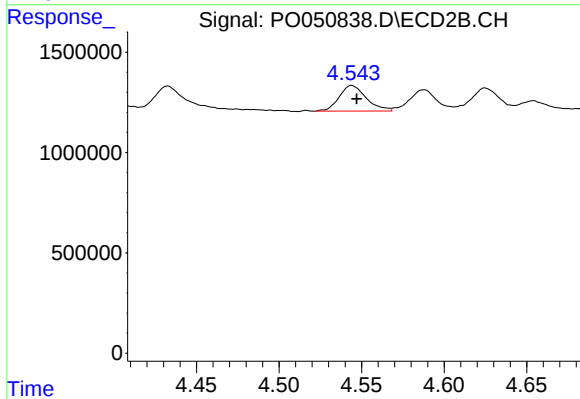
#17 AR-1242-2

R.T.: 4.379 min
Delta R.T.: -0.003 min
Response: 2781608
Conc: 278.43 ng/ml



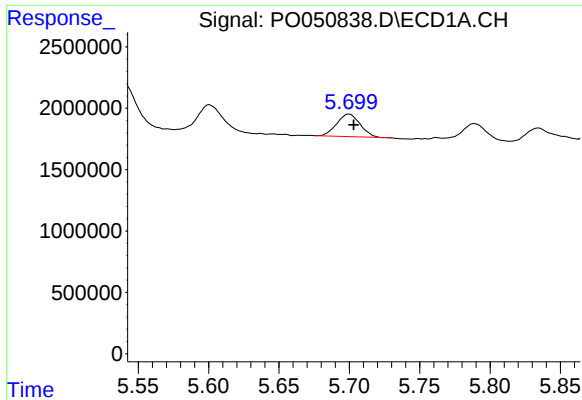
#18 AR-1242-3

R.T.: 5.600 min
Delta R.T.: -0.005 min
Response: 2838337
Conc: 265.96 ng/ml



#18 AR-1242-3

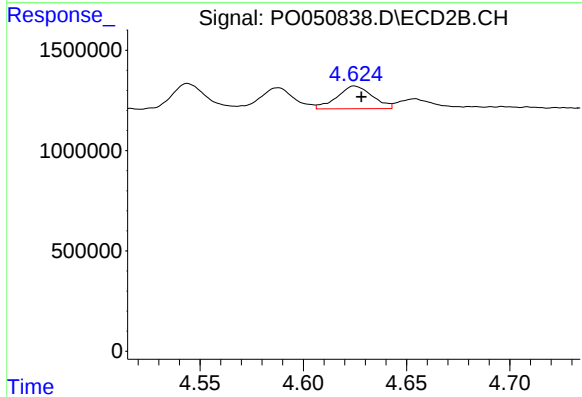
R.T.: 4.544 min
Delta R.T.: -0.003 min
Response: 1456020
Conc: 288.34 ng/ml



#19 AR-1242-4

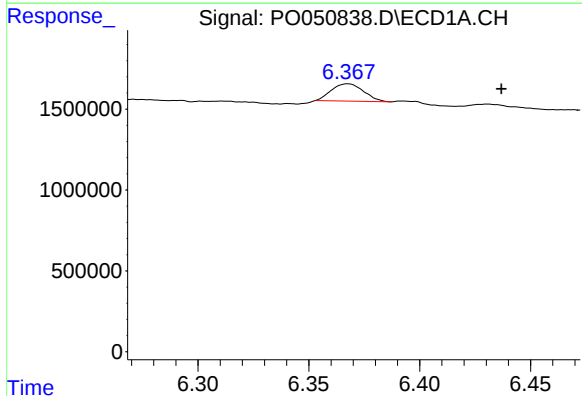
R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 2118507
Conc: 243.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



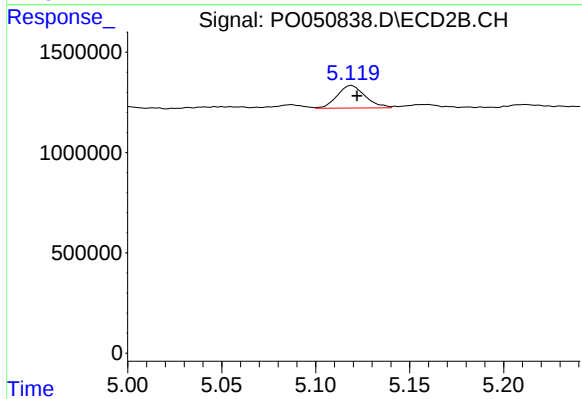
#19 AR-1242-4

R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 1349828
Conc: 282.57 ng/ml



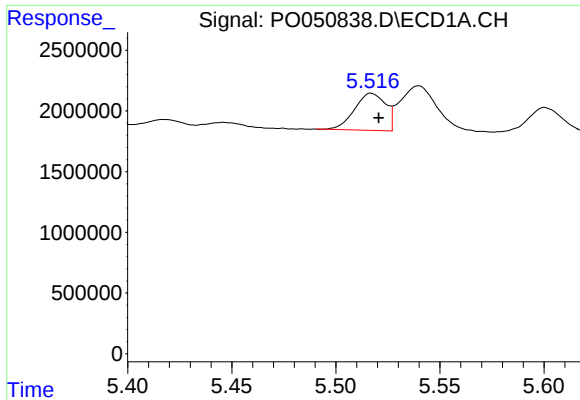
#20 AR-1242-5

R.T.: 6.368 min
Delta R.T.: -0.069 min
Response: 1082906
Conc: 116.10 ng/ml



#20 AR-1242-5

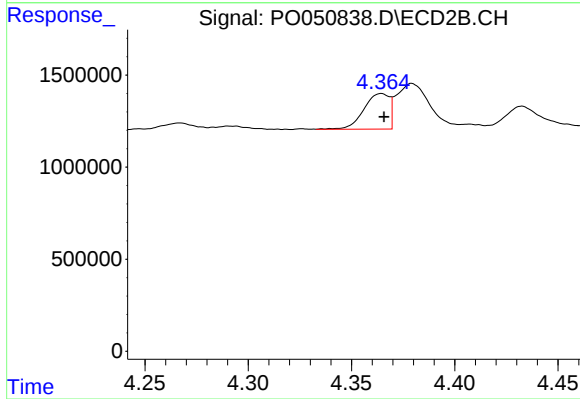
R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 1168103
Conc: 181.31 ng/ml



#21 AR-1248-1

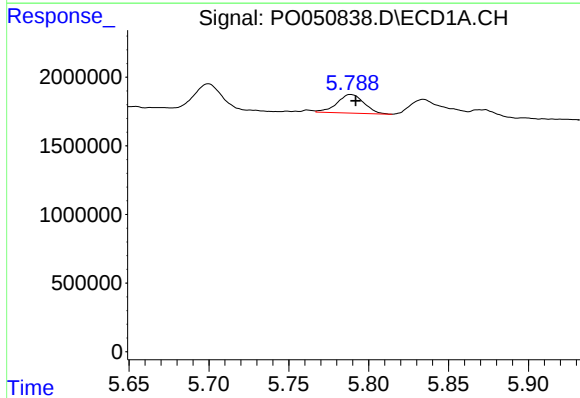
R.T.: 5.517 min
Delta R.T.: -0.004 min
Response: 3170172
Conc: 326.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



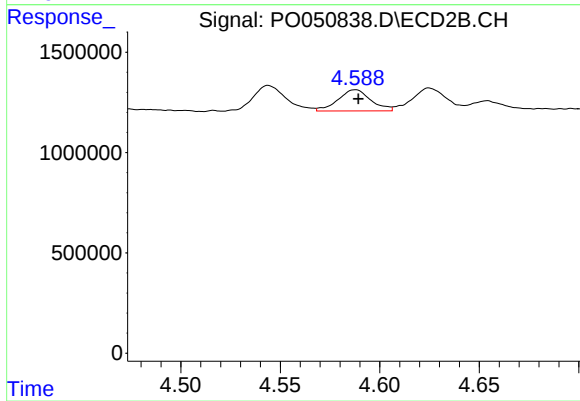
#21 AR-1248-1

R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 1661764
Conc: 360.20 ng/ml



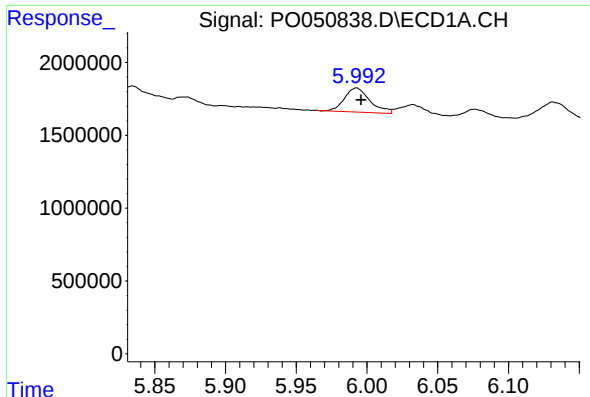
#22 AR-1248-2

R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 1605704
Conc: 123.96 ng/ml



#22 AR-1248-2

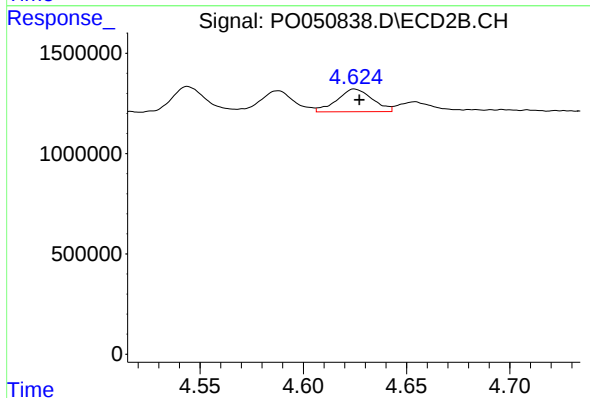
R.T.: 4.588 min
Delta R.T.: -0.001 min
Response: 1207167
Conc: 173.32 ng/ml



#23 AR-1248-3

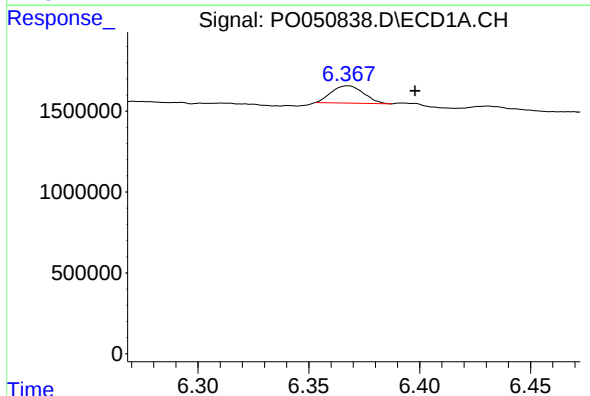
R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 2072748
Conc: 136.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



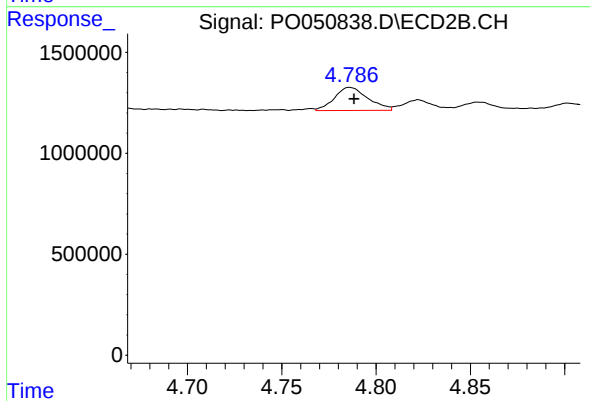
#23 AR-1248-3

R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 1349828
Conc: 193.10 ng/ml



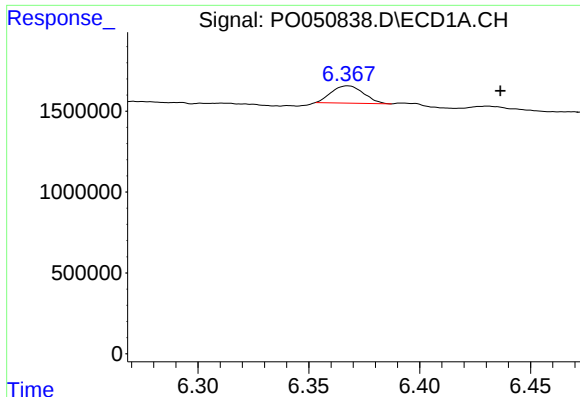
#24 AR-1248-4

R.T.: 6.368 min
Delta R.T.: -0.030 min
Response: 1082906
Conc: 64.96 ng/ml



#24 AR-1248-4

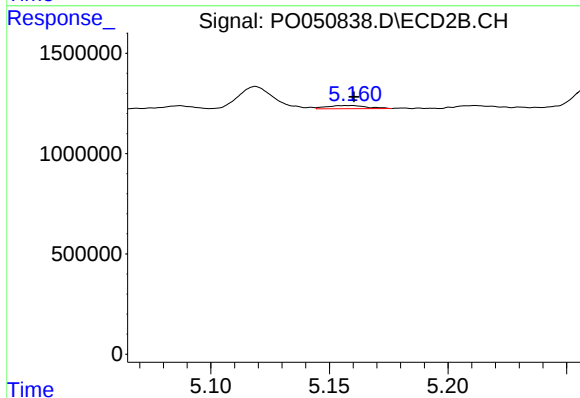
R.T.: 4.786 min
Delta R.T.: -0.002 min
Response: 1410802
Conc: 151.19 ng/ml



#25 AR-1248-5

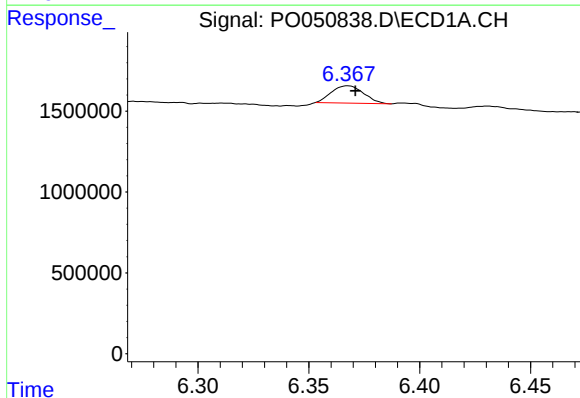
R.T.: 6.368 min
Delta R.T.: -0.069 min
Response: 1082906
Conc: 69.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



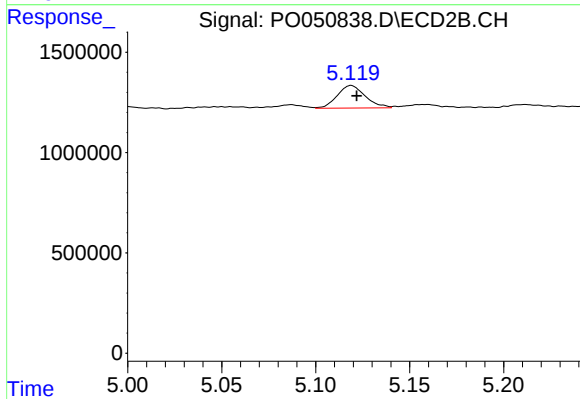
#25 AR-1248-5

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 186601
Conc: 19.41 ng/ml



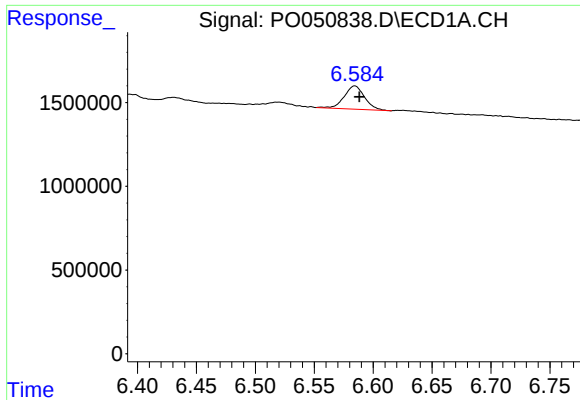
#26 AR-1254-1

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 1082906
Conc: 49.32 ng/ml



#26 AR-1254-1

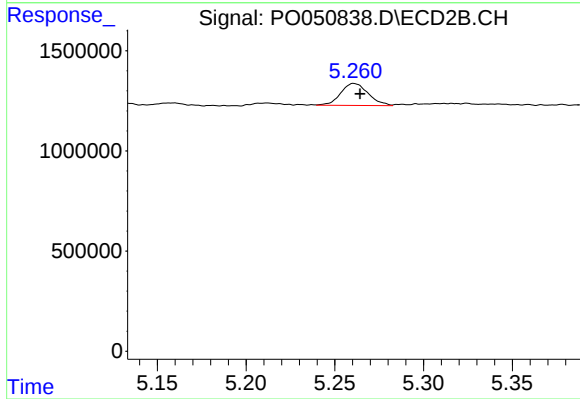
R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 1168103
Conc: 60.92 ng/ml



#27 AR-1254-2

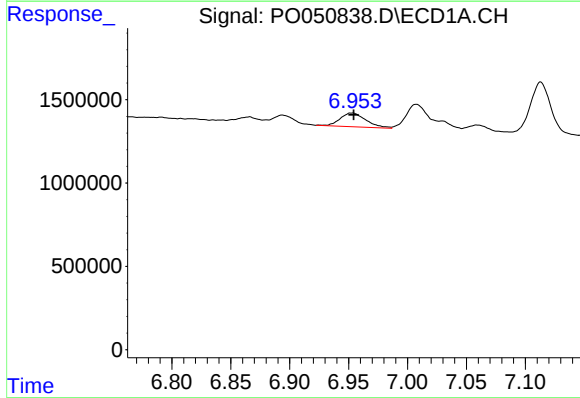
R.T.: 6.585 min
Delta R.T.: -0.004 min
Response: 1685690
Conc: 49.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



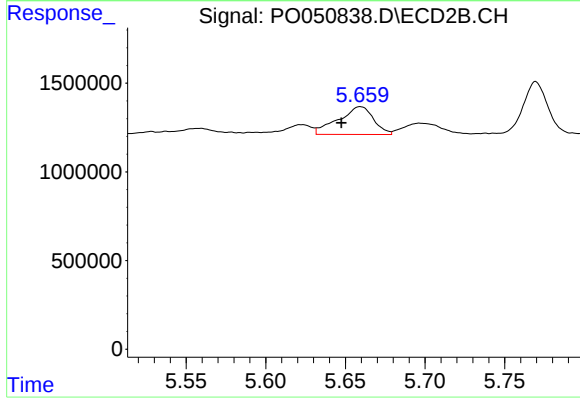
#27 AR-1254-2

R.T.: 5.261 min
Delta R.T.: -0.004 min
Response: 1194154
Conc: 68.79 ng/ml



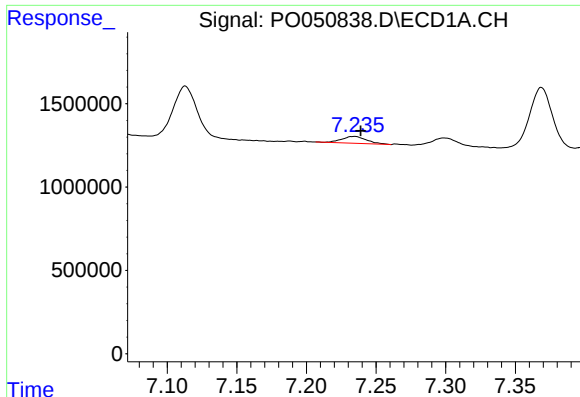
#28 AR-1254-3

R.T.: 6.952 min
Delta R.T.: -0.003 min
Response: 1252232
Conc: 35.96 ng/ml



#28 AR-1254-3

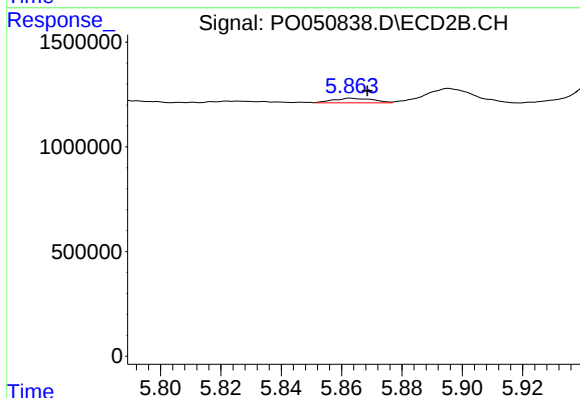
R.T.: 5.659 min
Delta R.T.: 0.012 min
Response: 2413877
Conc: 85.28 ng/ml



#29 AR-1254-4

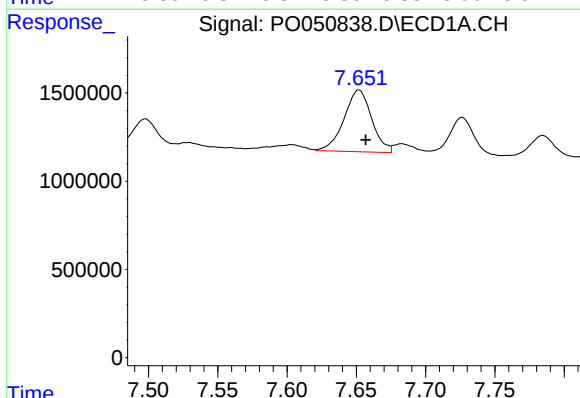
R.T.: 7.235 min
Delta R.T.: -0.004 min
Response: 513234
Conc: 22.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



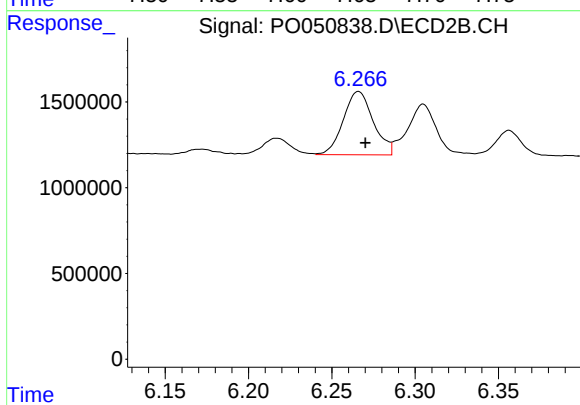
#29 AR-1254-4

R.T.: 5.863 min
Delta R.T.: -0.006 min
Response: 202219
Conc: 11.44 ng/ml



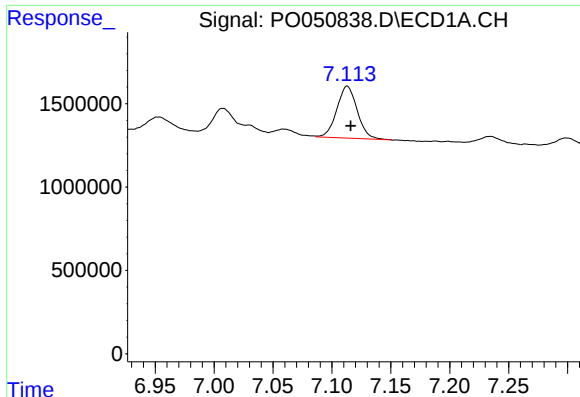
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: -0.005 min
Response: 4869493
Conc: 198.33 ng/ml



#30 AR-1254-5

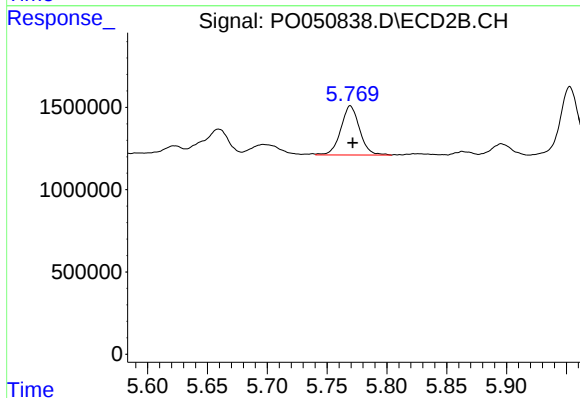
R.T.: 6.266 min
Delta R.T.: -0.004 min
Response: 4616647
Conc: 172.67 ng/ml



#31 AR-1260-1

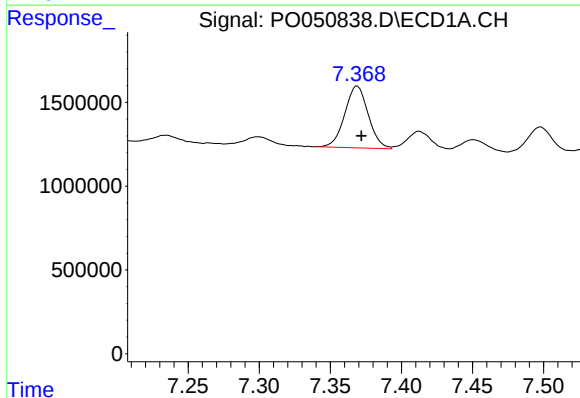
R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 3744251
Conc: 145.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



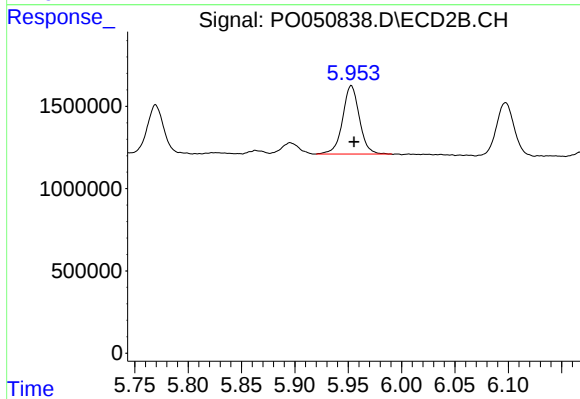
#31 AR-1260-1

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 3269786
Conc: 158.15 ng/ml



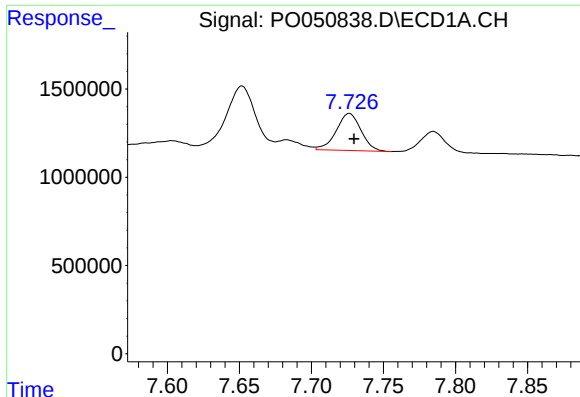
#32 AR-1260-2

R.T.: 7.369 min
Delta R.T.: -0.003 min
Response: 4245714
Conc: 143.52 ng/ml



#32 AR-1260-2

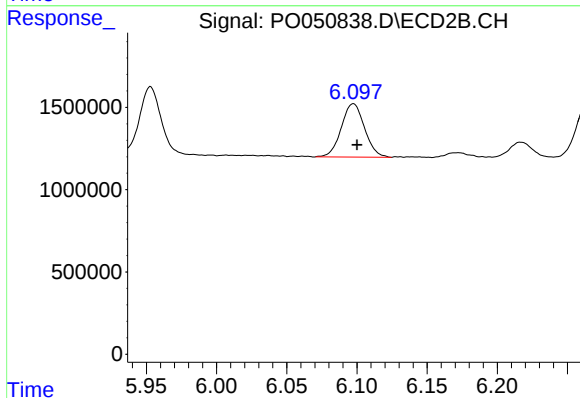
R.T.: 5.953 min
Delta R.T.: -0.003 min
Response: 4558529
Conc: 158.75 ng/ml



#33 AR-1260-3

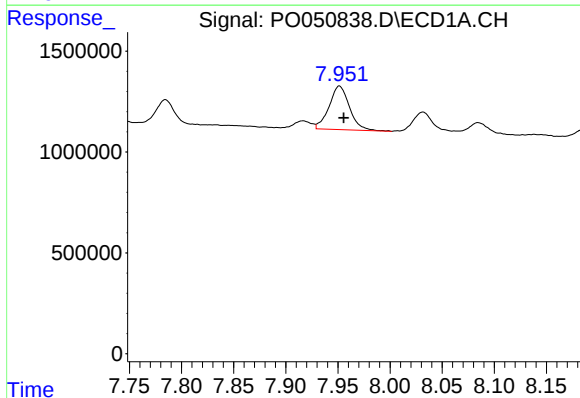
R.T.: 7.726 min
Delta R.T.: -0.003 min
Response: 2508606
Conc: 118.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



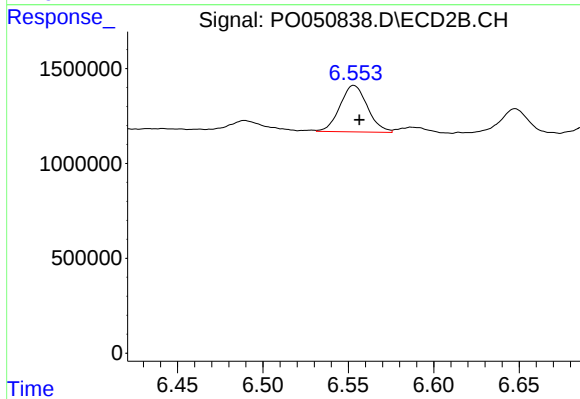
#33 AR-1260-3

R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 3733290
Conc: 151.39 ng/ml



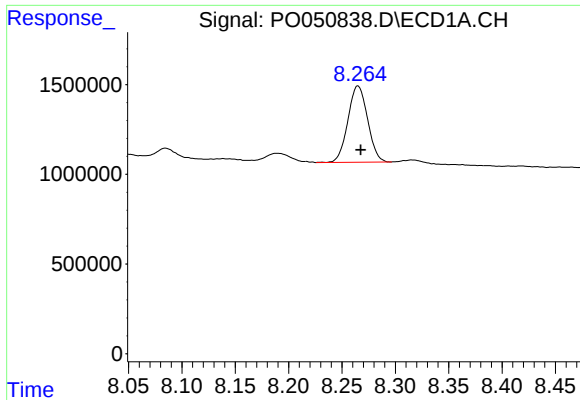
#34 AR-1260-4

R.T.: 7.951 min
Delta R.T.: -0.004 min
Response: 2953087
Conc: 129.05 ng/ml



#34 AR-1260-4

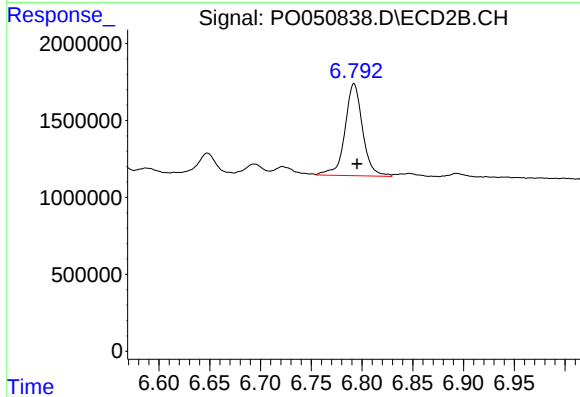
R.T.: 6.553 min
Delta R.T.: -0.003 min
Response: 2747700
Conc: 133.22 ng/ml



#35 AR-1260-5

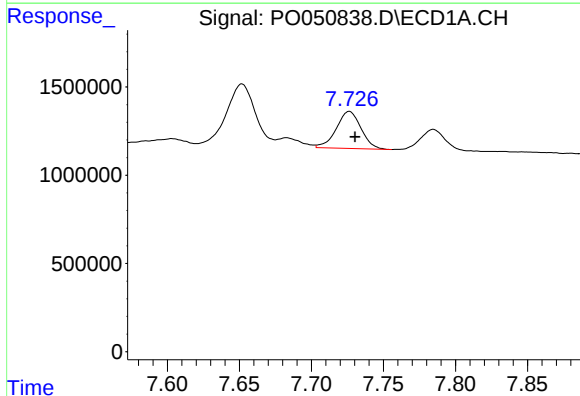
R.T.: 8.265 min
Delta R.T.: -0.003 min
Response: 5463939
Conc: 124.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



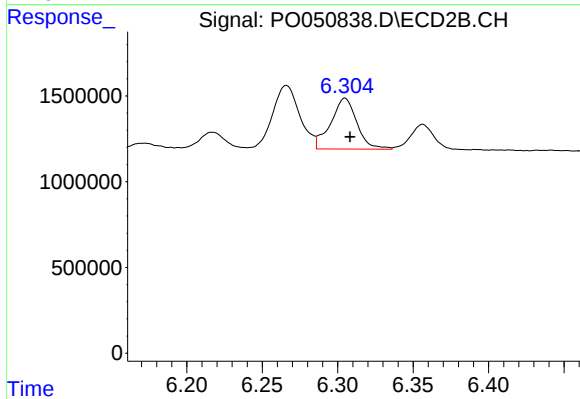
#35 AR-1260-5

R.T.: 6.792 min
Delta R.T.: -0.003 min
Response: 7231699
Conc: 139.17 ng/ml



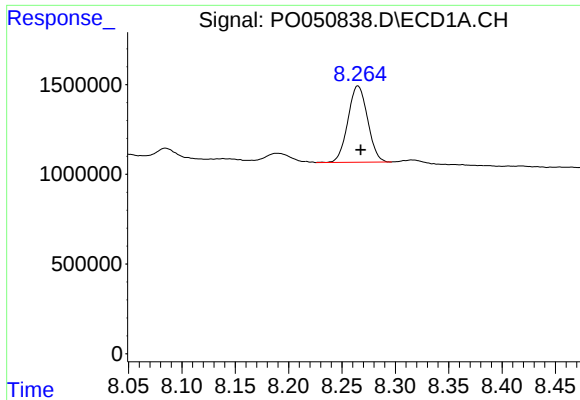
#36 AR-1262-1

R.T.: 7.726 min
Delta R.T.: -0.004 min
Response: 2508606
Conc: 101.68 ng/ml



#36 AR-1262-1

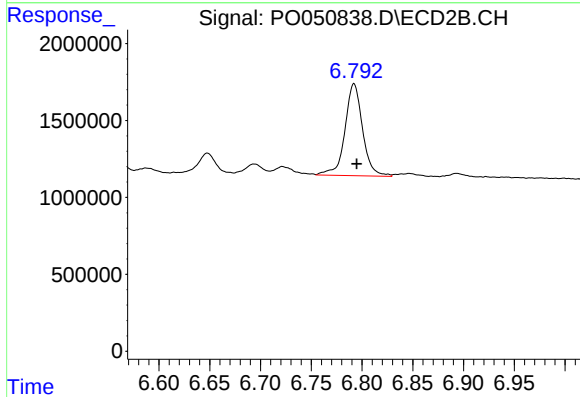
R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 3586502
Conc: 127.45 ng/ml



#37 AR-1262-2

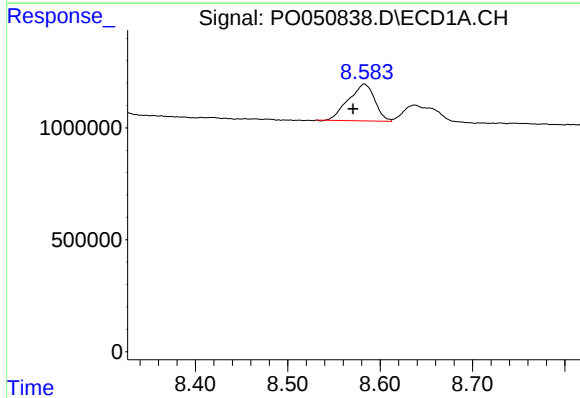
R.T.: 8.265 min
Delta R.T.: -0.003 min
Response: 5463939
Conc: 139.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



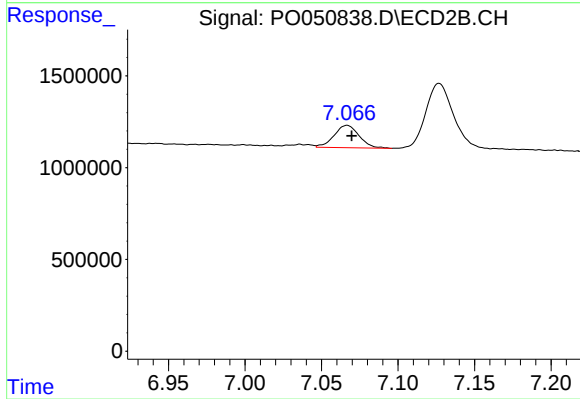
#37 AR-1262-2

R.T.: 6.792 min
Delta R.T.: -0.003 min
Response: 7231699
Conc: 160.98 ng/ml



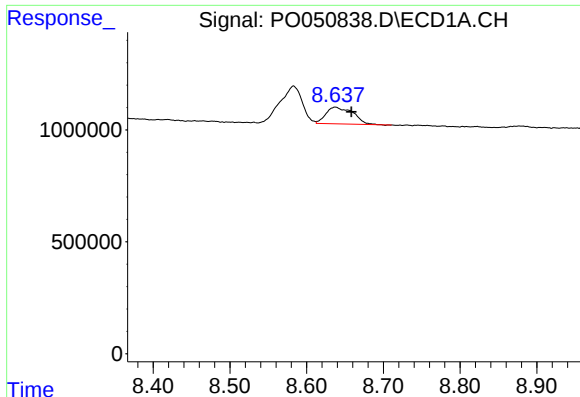
#38 AR-1262-3

R.T.: 8.583 min
Delta R.T.: 0.012 min
Response: 3256575
Conc: 128.90 ng/ml



#38 AR-1262-3

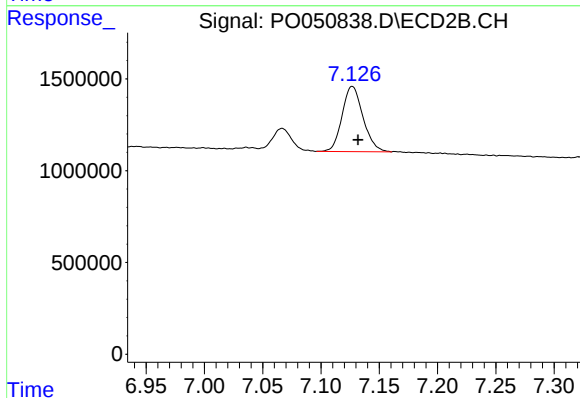
R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 1398028
Conc: 77.87 ng/ml



#39 AR-1262-4

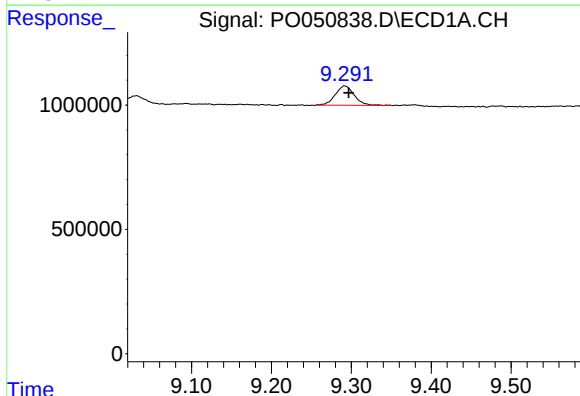
R.T.: 8.637 min
Delta R.T.: -0.021 min
Response: 1838586
Conc: 93.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



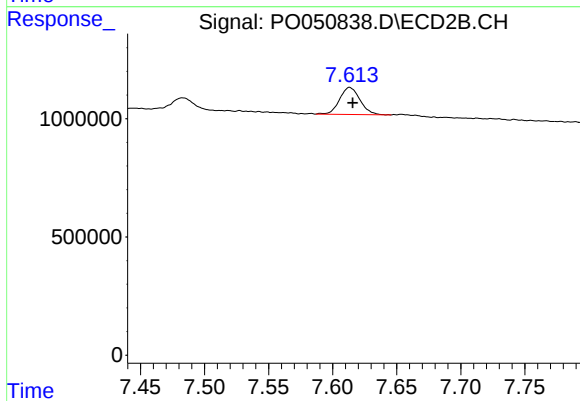
#39 AR-1262-4

R.T.: 7.127 min
Delta R.T.: -0.005 min
Response: 4443930
Conc: 151.05 ng/ml



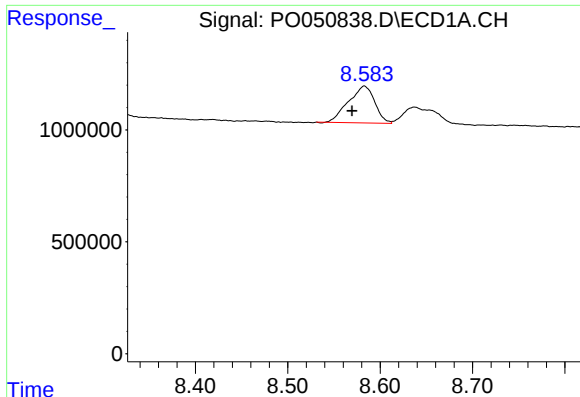
#40 AR-1262-5

R.T.: 9.292 min
Delta R.T.: -0.005 min
Response: 1291456
Conc: 107.15 ng/ml



#40 AR-1262-5

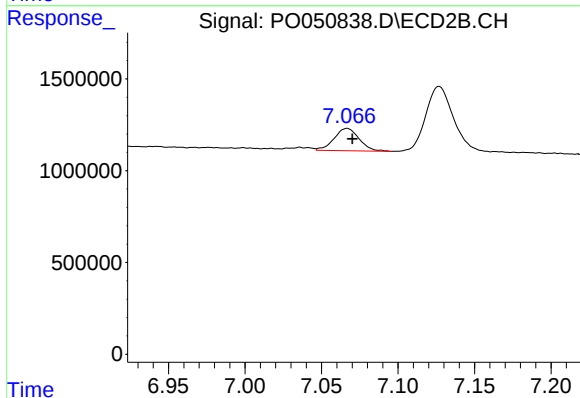
R.T.: 7.613 min
Delta R.T.: -0.002 min
Response: 1259424
Conc: 108.52 ng/ml



#41 AR-1268-1

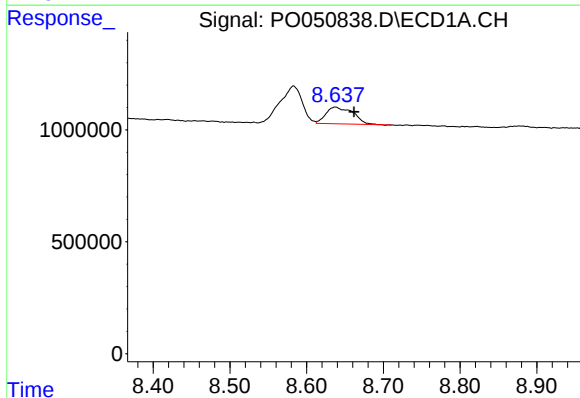
R.T.: 8.583 min
Delta R.T.: 0.013 min
Response: 3256575
Conc: 64.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



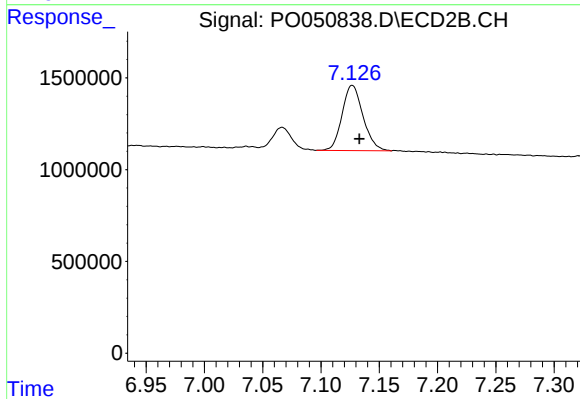
#41 AR-1268-1

R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 1398028
Conc: 25.38 ng/ml



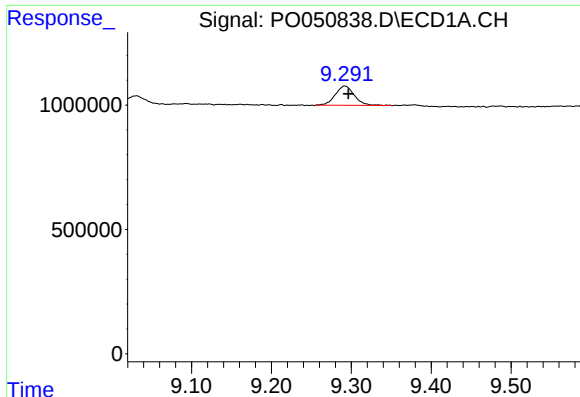
#42 AR-1268-2

R.T.: 8.637 min
Delta R.T.: -0.024 min
Response: 1838586
Conc: 40.42 ng/ml



#42 AR-1268-2

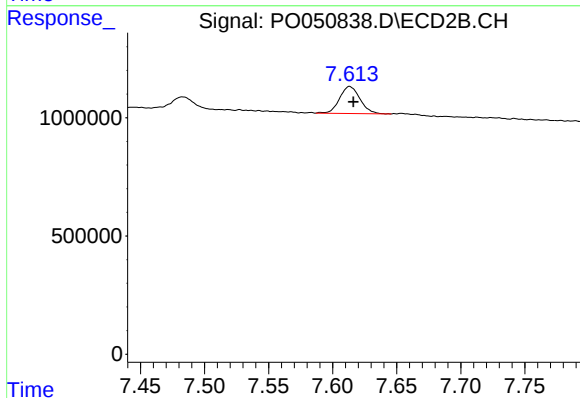
R.T.: 7.127 min
Delta R.T.: -0.006 min
Response: 4443930
Conc: 93.23 ng/ml



#44 AR-1268-4

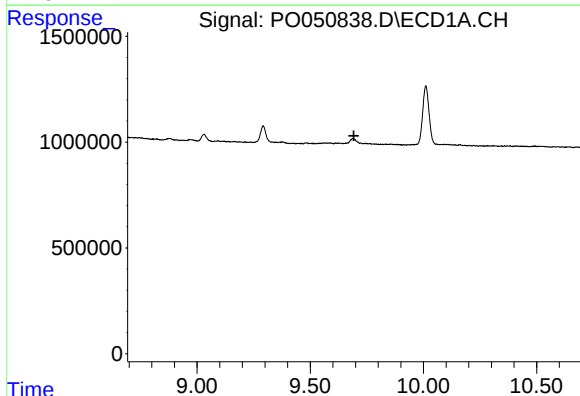
R.T.: 9.292 min
Delta R.T.: -0.005 min
Response: 1291456
Conc: 91.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



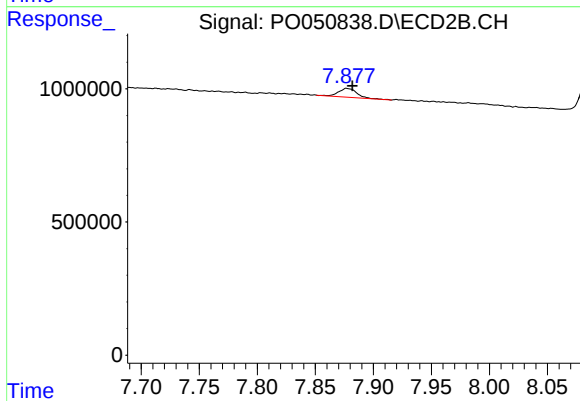
#44 AR-1268-4

R.T.: 7.613 min
Delta R.T.: -0.003 min
Response: 1259424
Conc: 90.15 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: 368529
Conc: 3.68 ng/ml