

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103018\
 Data File : PO050759.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2018 14:38
 Operator : SM/SJ
 Sample : J5613-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 00:49:41 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	3.347	9512119	4083452	19.030	18.787
2)	SA Decachlor...	10.013	8.094	3121556	2331389	10.043	9.115
Target Compounds							
3)	L1 AR-1016-1	0.000	4.362	0	89363	N.D.	9.724 #
4)	L1 AR-1016-2	0.000	4.373	0	18002	N.D.	1.162 #
5)	L1 AR-1016-3	0.000	4.553	0	96166	N.D.	12.006 #
6)	L1 AR-1016-4	0.000	4.588	0	373401	N.D.	61.367 #
7)	L1 AR-1016-5	0.000	4.798	0	88398	N.D.	10.244 #
8)	L2 AR-1221-1	0.000	3.540	0	3284	N.D.	1.943 #
9)	L2 AR-1221-2	0.000	3.603	0	23811	N.D.	18.710 #
10)	L2 AR-1221-3	0.000	3.701	0	23805	N.D.	5.566 #
11)	L3 AR-1232-1	0.000	3.701	0	23805	N.D.	5.955 #
12)	L3 AR-1232-2	5.321	4.373	124195	18002	26.652	3.763 #
13)	L3 AR-1232-3	0.000	4.553	0	96166	N.D.	36.878 #
14)	L3 AR-1232-4	0.000	4.625	0	226318	N.D.	101.522 #
15)	L3 AR-1232-5	5.792	4.798	370521	88398	124.843	33.236 #
16)	L4 AR-1242-1	0.000	4.362	0	89363	N.D.	15.227 #
17)	L4 AR-1242-2	0.000	4.373	0	18002	N.D.	1.802 #
18)	L4 AR-1242-3	0.000	4.553	0	96166	N.D.	19.044 #
19)	L4 AR-1242-4	0.000	4.625	0	226318	N.D.	47.377 #
20)	L4 AR-1242-5	6.396	5.120	607321	1016901	65.110	157.843 #
21)	L5 AR-1248-1	0.000	4.362	0	89363	N.D.	19.370 #
22)	L5 AR-1248-2	5.792	4.588	370521	373401	28.604	53.613 #
23)	L5 AR-1248-3	0.000	4.625	0	226318	N.D.	32.377 #
24)	L5 AR-1248-4	6.396	4.798	607321	88398	36.429	9.473 #
25)	L5 AR-1248-5	6.396	5.158	607321	240200	38.903	24.982 #
26)	L6 AR-1254-1	6.368	5.120	567175	1016901	25.829	53.036 #
27)	L6 AR-1254-2	6.585	5.262	3760139	2206510	111.213	127.108
28)	L6 AR-1254-3	6.953	5.645	6943283	8285815	199.388	292.742 #
29)	L6 AR-1254-4	7.236	5.867	6878044	5971346	297.365	337.838
30)	L6 AR-1254-5	7.676	6.269	55587117	37551336	2264.038	1404.509 #
31)	L7 AR-1260-1	7.114	5.770	3370333	5649825	131.010	273.259 #
32)	L7 AR-1260-2	7.367	5.955	15880579	6384262	536.824	222.327 #
33)	L7 AR-1260-3	7.676	6.098	55587117	3006984	2622.851	121.934 #
34)	L7 AR-1260-4	7.942	6.552	5327411	1539275	232.812	74.630 #
35)	L7 AR-1260-5	8.266	6.793	1806463	2343588	41.014	45.101
36)	L8 AR-1262-1	7.676	6.312	55587117	4276053	2253.185	151.957 #
37)	L8 AR-1262-2	8.266	6.793	1806463	2343588	46.156	52.170
38)	L8 AR-1262-3	8.586	7.044	1168599	1605514	46.256	89.423 #
39)	L8 AR-1262-4	0.000	7.127	0	2334690	N.D.	79.358 #
40)	L8 AR-1262-5	0.000	7.607	0	228681	N.D.	19.705 #
41)	L9 AR-1268-1	8.586	7.044	1168599	1605514	23.162	29.150 #

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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	0.000	7.127	0	2334690	N.D.	48.980 #
43) L9	AR-1268-3	0.000	7.330	0	189848	N.D.	4.407 #
44) L9	AR-1268-4	0.000	7.607	0	228681	N.D.	16.369 #

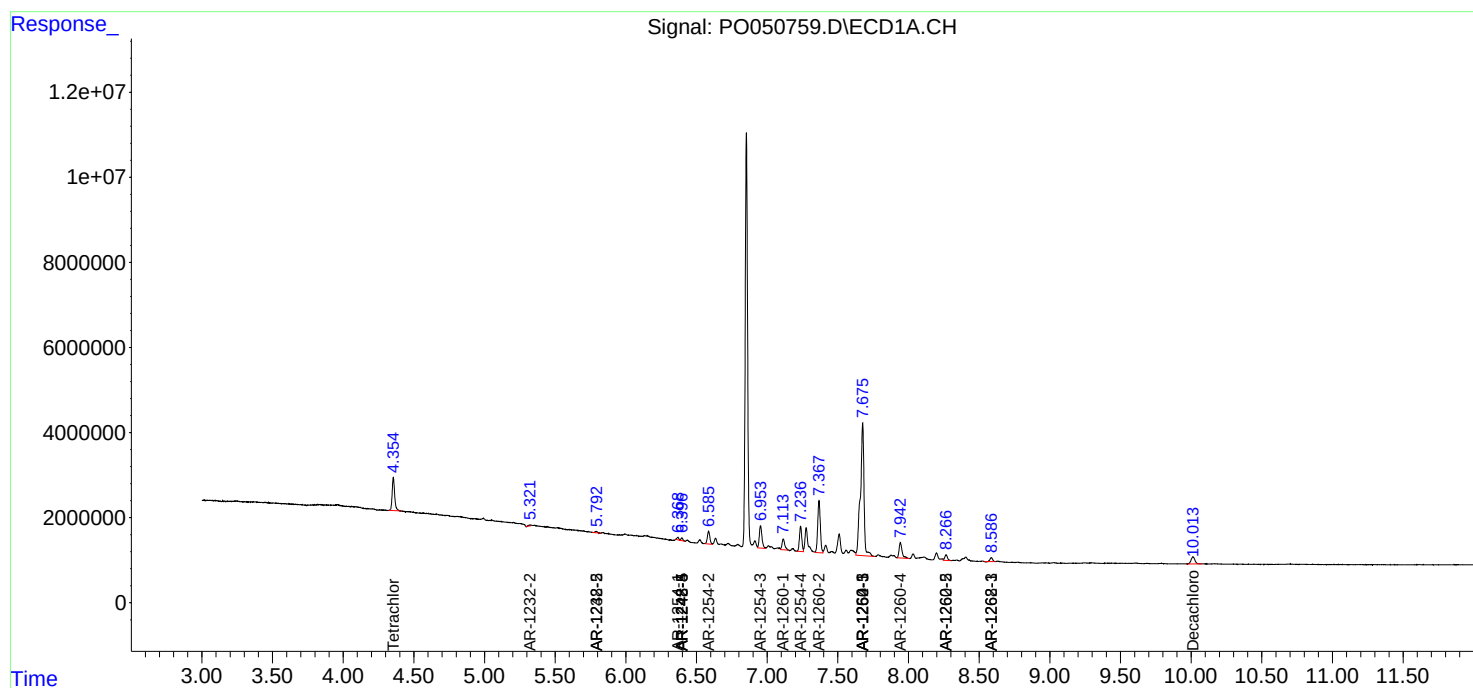
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

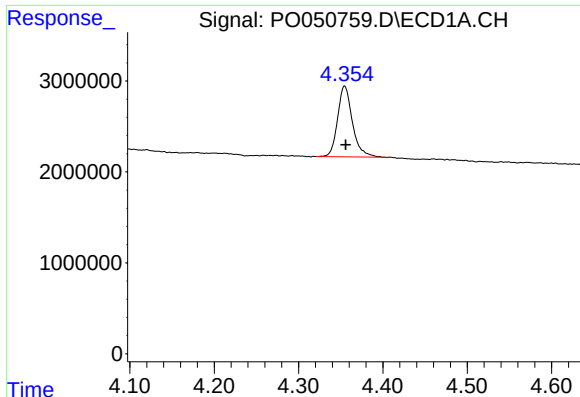
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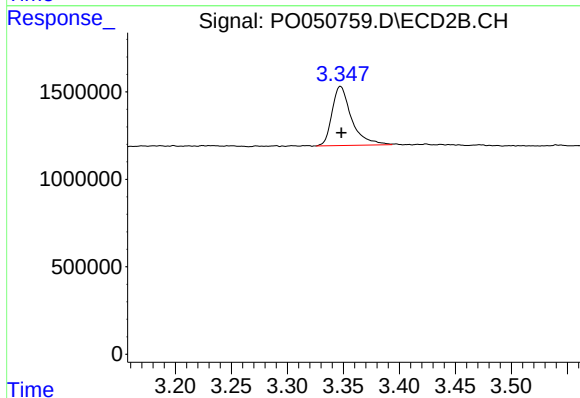




#1 Tetrachloro-m-xylene

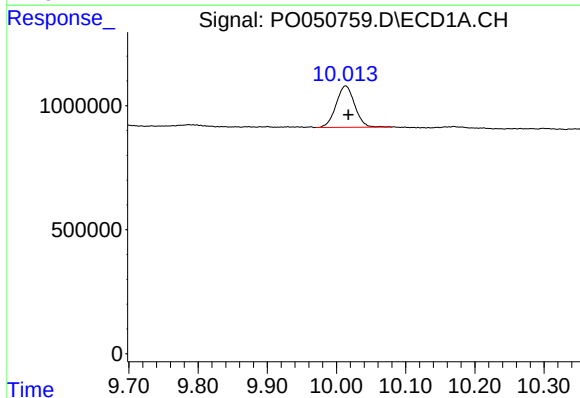
R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 9512119
Conc: 19.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



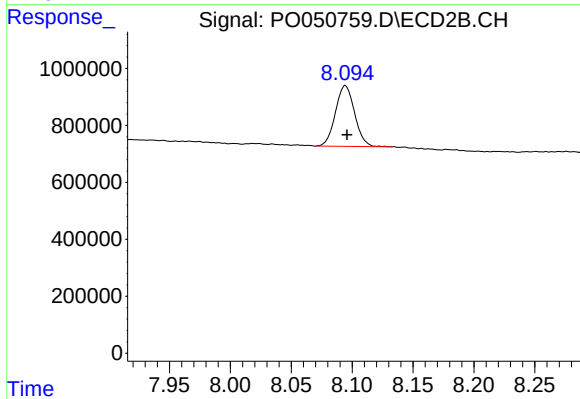
#1 Tetrachloro-m-xylene

R.T.: 3.347 min
Delta R.T.: 0.000 min
Response: 4083452
Conc: 18.79 ng/ml



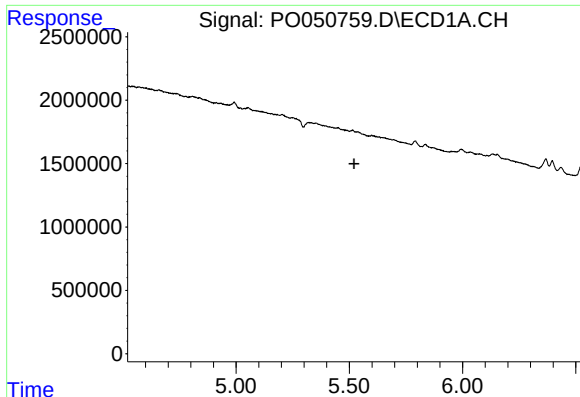
#2 Decachlorobiphenyl

R.T.: 10.013 min
Delta R.T.: -0.004 min
Response: 3121556
Conc: 10.04 ng/ml



#2 Decachlorobiphenyl

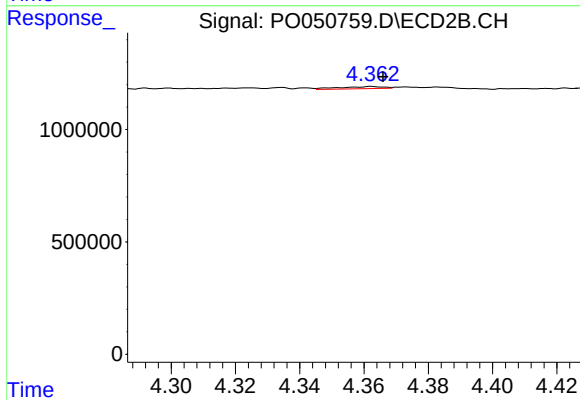
R.T.: 8.094 min
Delta R.T.: -0.001 min
Response: 2331389
Conc: 9.11 ng/ml



#3 AR-1016-1

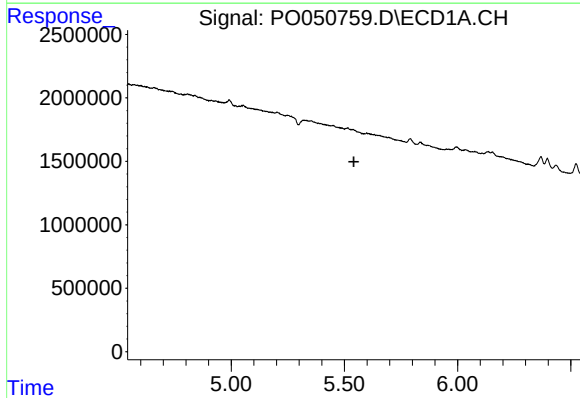
R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



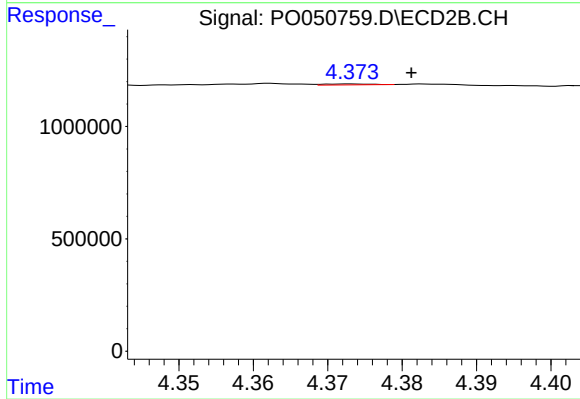
#3 AR-1016-1

R.T.: 4.362 min
Delta R.T.: -0.004 min
Response: 89363
Conc: 9.72 ng/ml



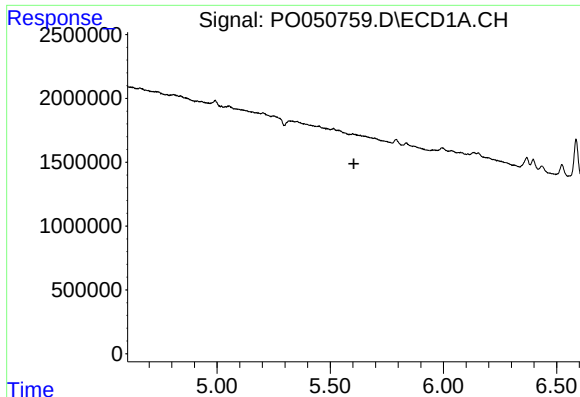
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.542 min
Response: 0
Conc: N.D.



#4 AR-1016-2

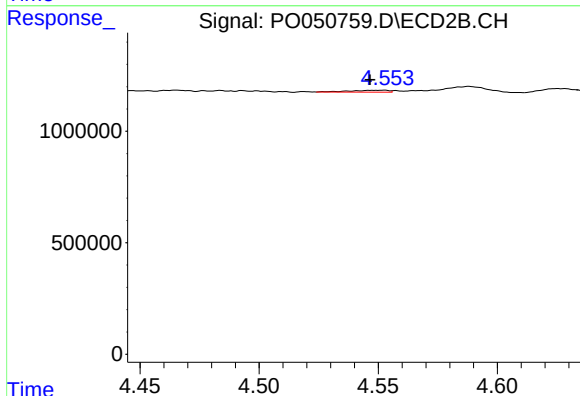
R.T.: 4.373 min
Delta R.T.: -0.008 min
Response: 18002
Conc: 1.16 ng/ml



#5 AR-1016-3

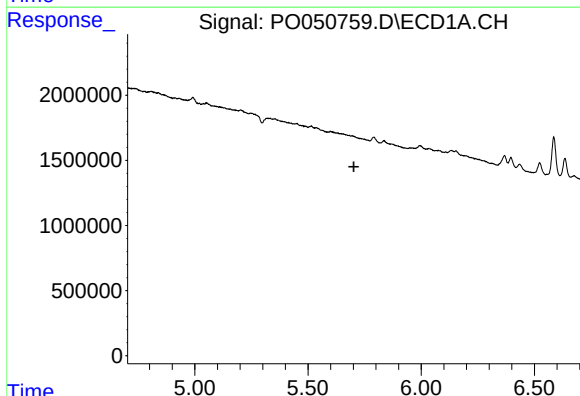
R.T.: 0.000 min
Exp R.T.: 5.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



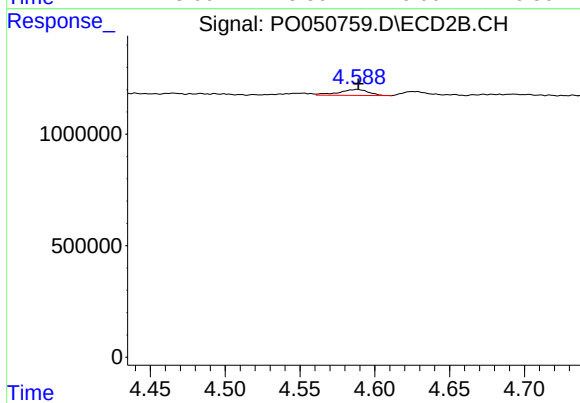
#5 AR-1016-3

R.T.: 4.553 min
Delta R.T.: 0.006 min
Response: 96166
Conc: 12.01 ng/ml



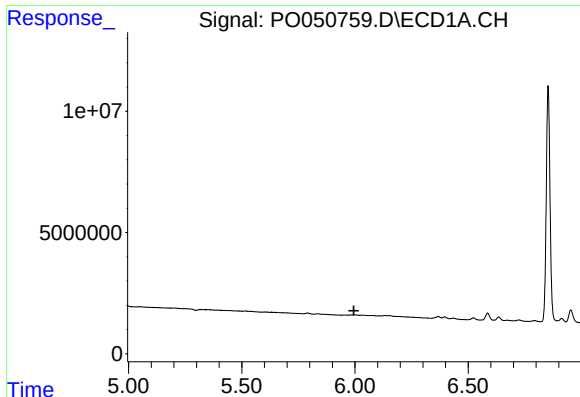
#6 AR-1016-4

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



#6 AR-1016-4

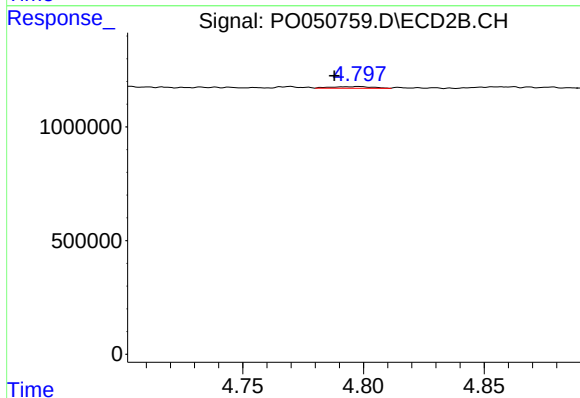
R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 373401
Conc: 61.37 ng/ml



#7 AR-1016-5

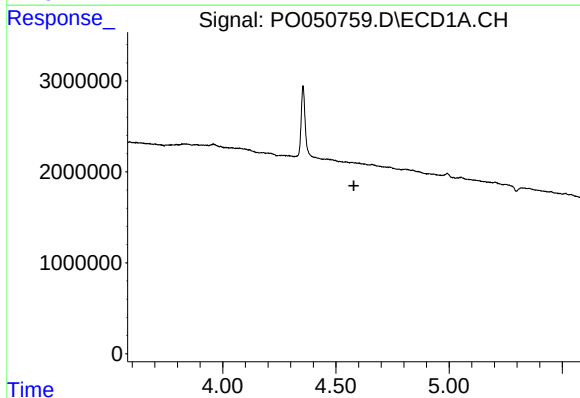
R.T.: 0.000 min
Exp R.T.: 5.995 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



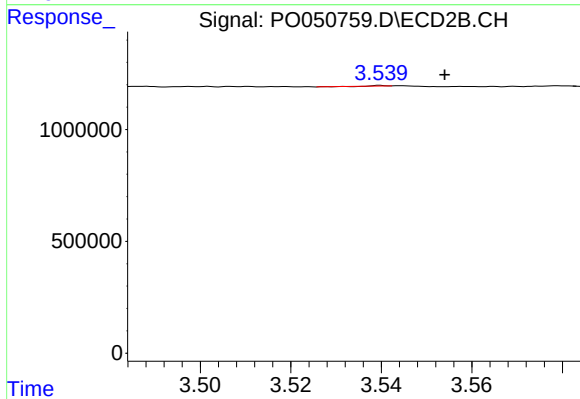
#7 AR-1016-5

R.T.: 4.798 min
Delta R.T.: 0.010 min
Response: 88398
Conc: 10.24 ng/ml



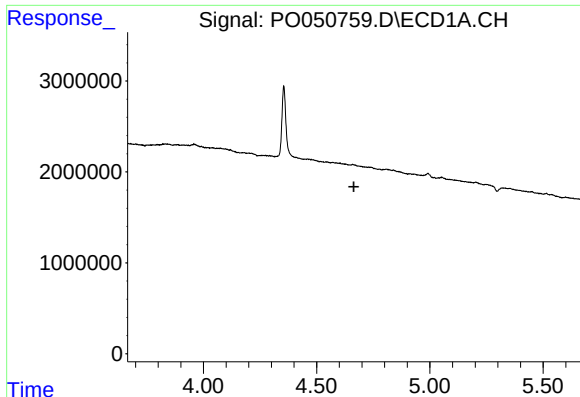
#8 AR-1221-1

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



#8 AR-1221-1

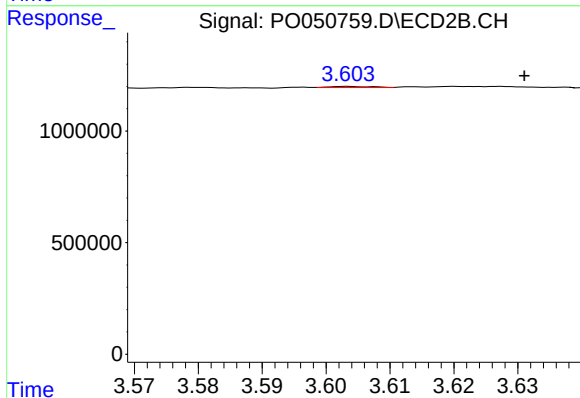
R.T.: 3.540 min
Delta R.T.: -0.014 min
Response: 3284
Conc: 1.94 ng/ml



#9 AR-1221-2

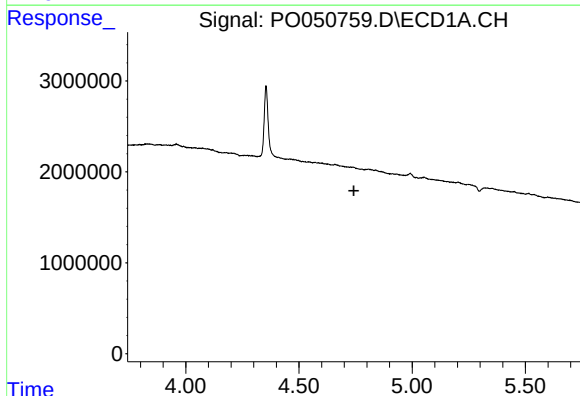
R.T.: 0.000 min
Exp R.T.: 4.664 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



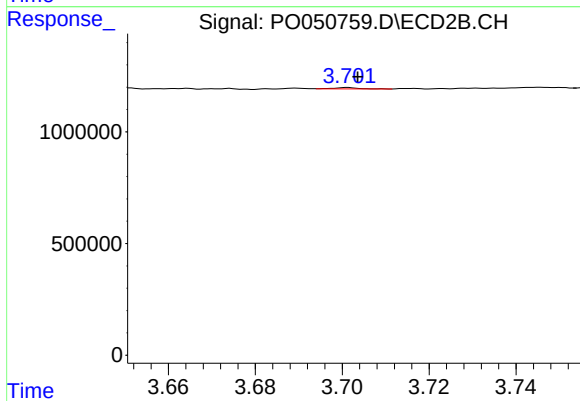
#9 AR-1221-2

R.T.: 3.603 min
Delta R.T.: -0.028 min
Response: 23811
Conc: 18.71 ng/ml



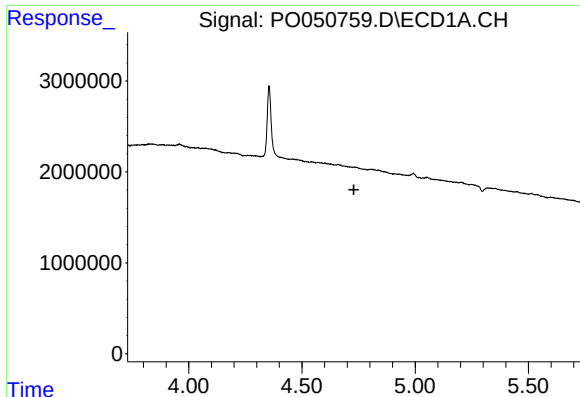
#10 AR-1221-3

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



#10 AR-1221-3

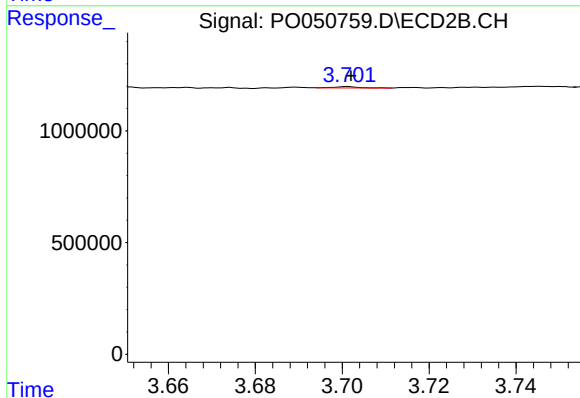
R.T.: 3.701 min
Delta R.T.: -0.002 min
Response: 23805
Conc: 5.57 ng/ml



#11 AR-1232-1

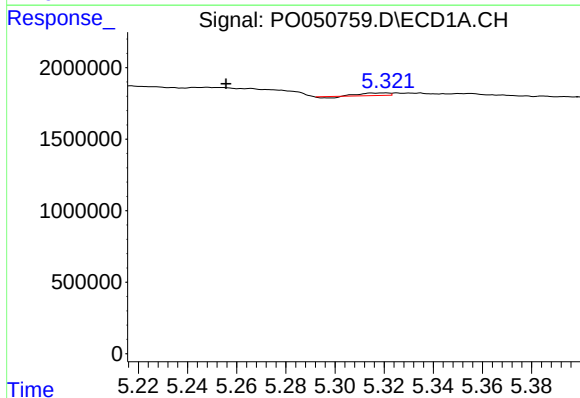
R.T.: 0.000 min
Exp R.T.: 4.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



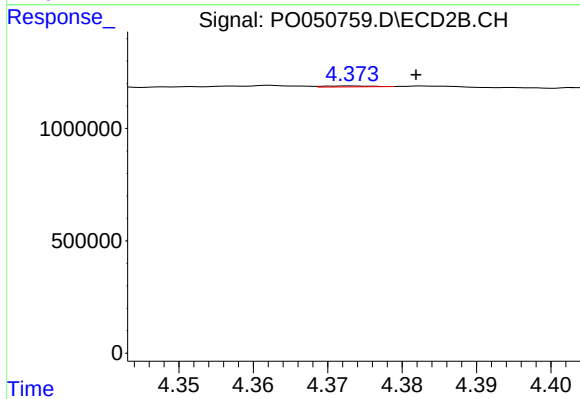
#11 AR-1232-1

R.T.: 3.701 min
Delta R.T.: 0.000 min
Response: 23805
Conc: 5.95 ng/ml



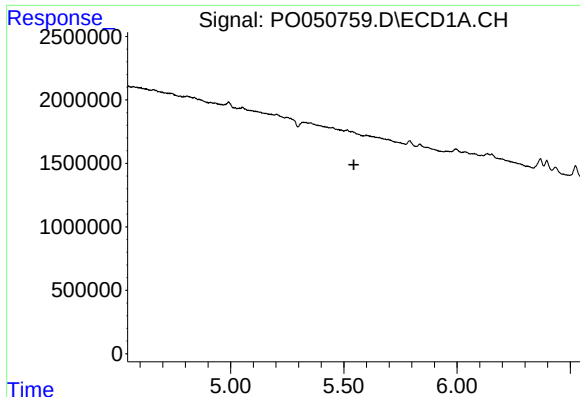
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: 0.065 min
Response: 124195
Conc: 26.65 ng/ml



#12 AR-1232-2

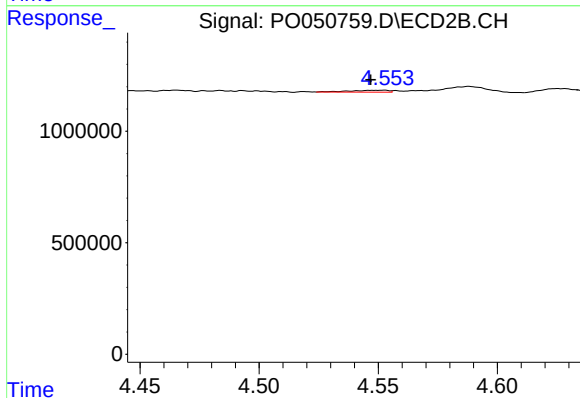
R.T.: 4.373 min
Delta R.T.: -0.009 min
Response: 18002
Conc: 3.76 ng/ml



#13 AR-1232-3

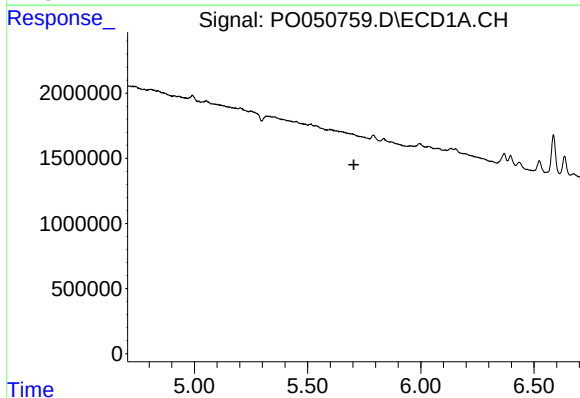
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



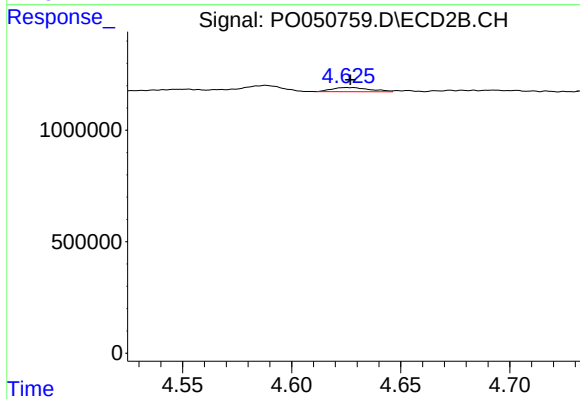
#13 AR-1232-3

R.T.: 4.553 min
Delta R.T.: 0.006 min
Response: 96166
Conc: 36.88 ng/ml



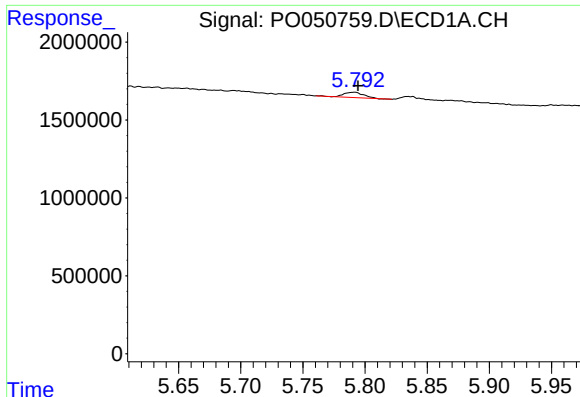
#14 AR-1232-4

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



#14 AR-1232-4

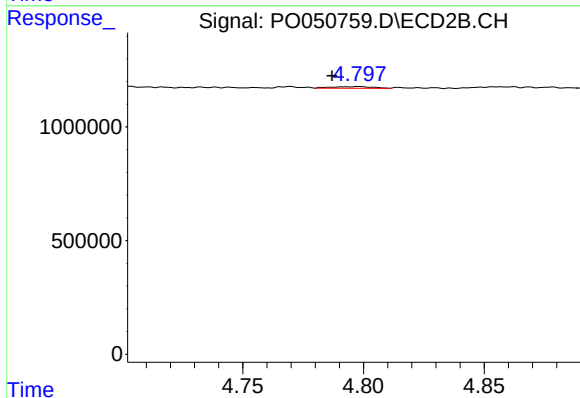
R.T.: 4.625 min
Delta R.T.: -0.002 min
Response: 226318
Conc: 101.52 ng/ml



#15 AR-1232-5

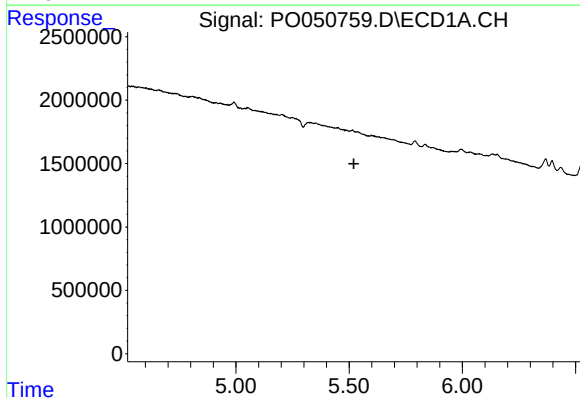
R.T.: 5.792 min
Delta R.T.: -0.002 min
Response: 370521
Conc: 124.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



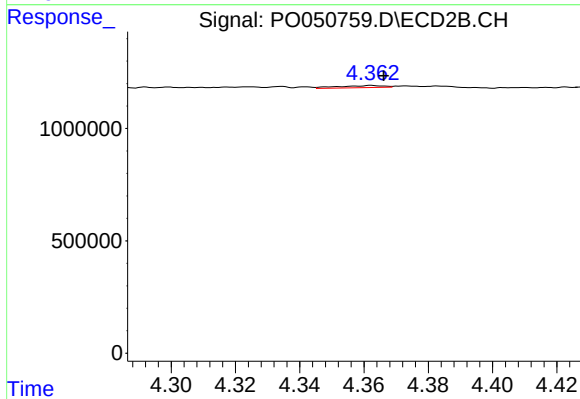
#15 AR-1232-5

R.T.: 4.798 min
Delta R.T.: 0.011 min
Response: 88398
Conc: 33.24 ng/ml



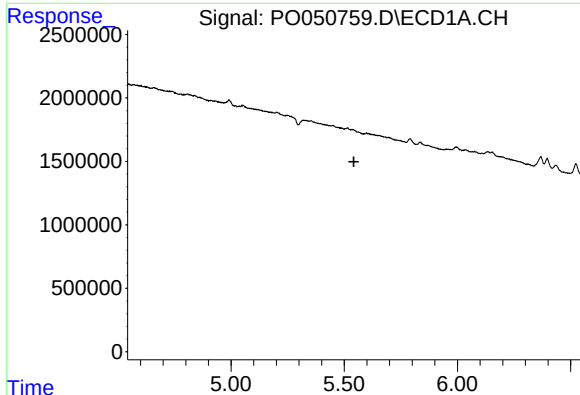
#16 AR-1242-1

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



#16 AR-1242-1

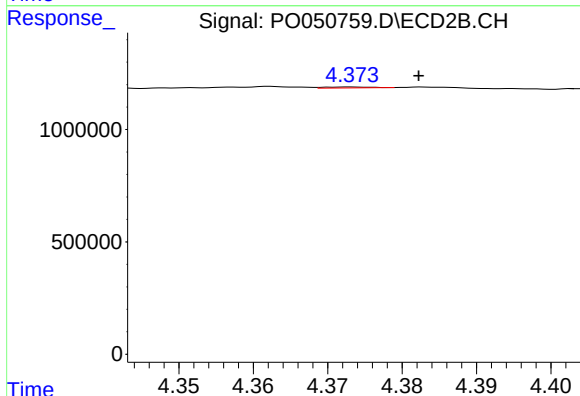
R.T.: 4.362 min
Delta R.T.: -0.004 min
Response: 89363
Conc: 15.23 ng/ml



#17 AR-1242-2

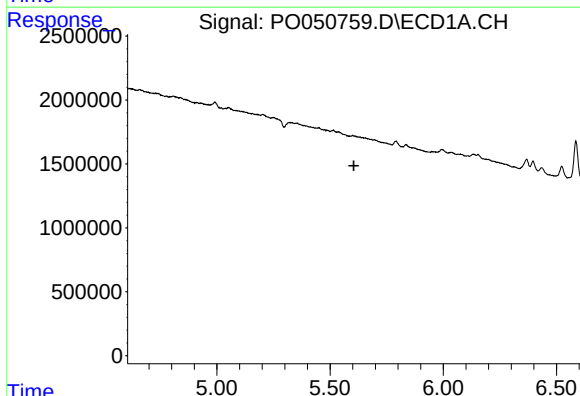
R.T.: 0.000 min
Exp R.T.: 5.543 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



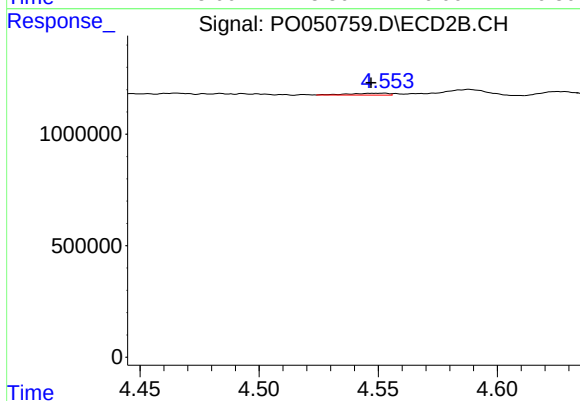
#17 AR-1242-2

R.T.: 4.373 min
Delta R.T.: -0.009 min
Response: 18002
Conc: 1.80 ng/ml



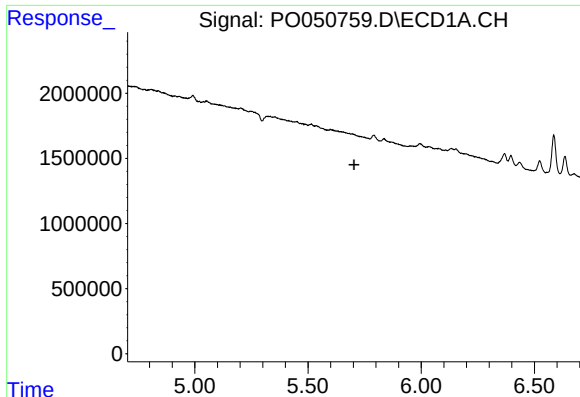
#18 AR-1242-3

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



#18 AR-1242-3

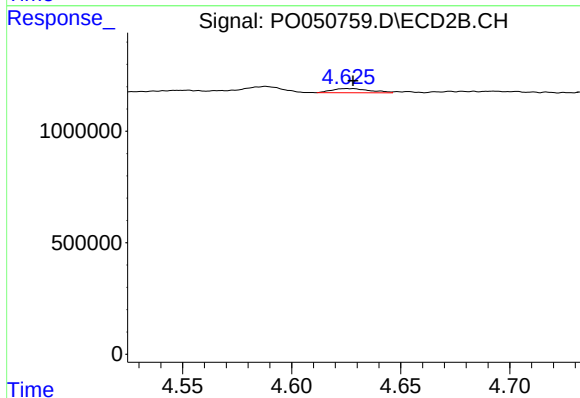
R.T.: 4.553 min
Delta R.T.: 0.006 min
Response: 96166
Conc: 19.04 ng/ml



#19 AR-1242-4

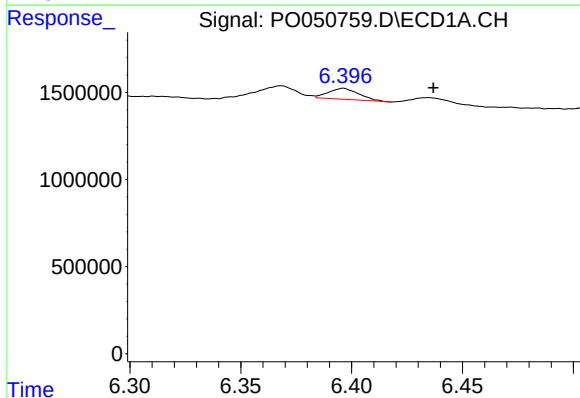
R.T.: 0.000 min
Exp R.T.: 5.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



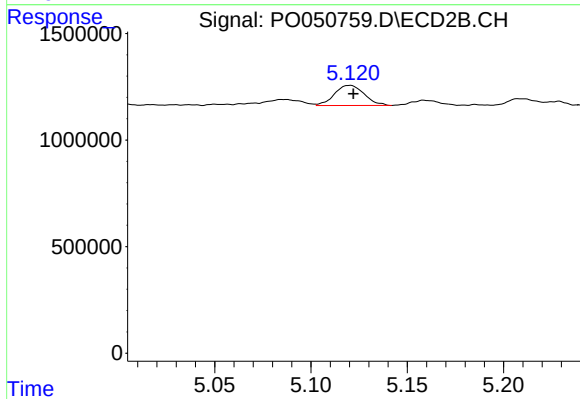
#19 AR-1242-4

R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 226318
Conc: 47.38 ng/ml



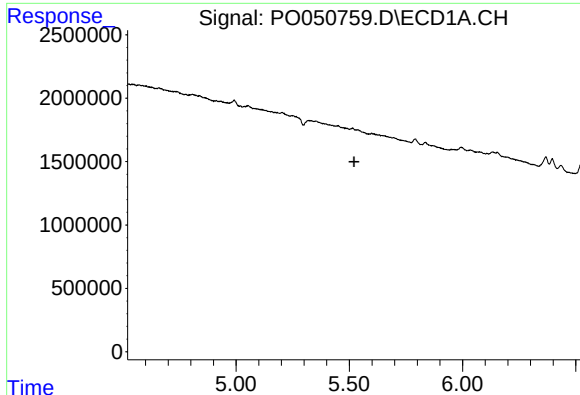
#20 AR-1242-5

R.T.: 6.396 min
Delta R.T.: -0.041 min
Response: 607321
Conc: 65.11 ng/ml



#20 AR-1242-5

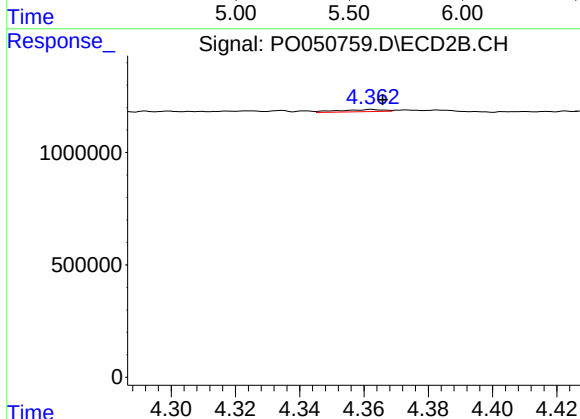
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 1016901
Conc: 157.84 ng/ml



#21 AR-1248-1

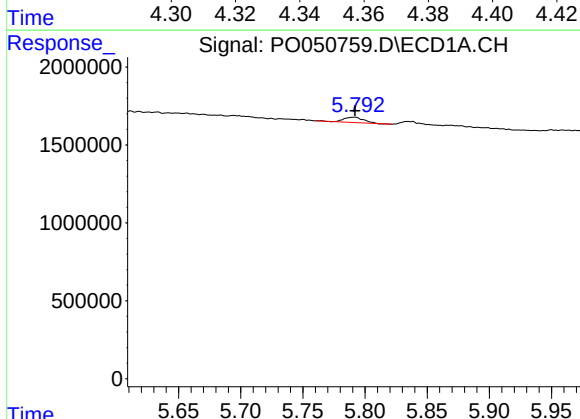
R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



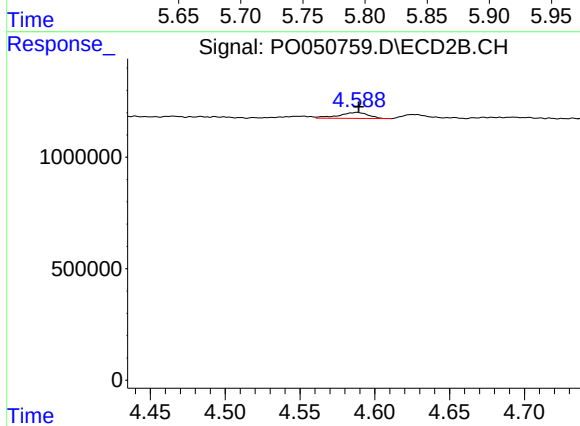
#21 AR-1248-1

R.T.: 4.362 min
Delta R.T.: -0.004 min
Response: 89363
Conc: 19.37 ng/ml



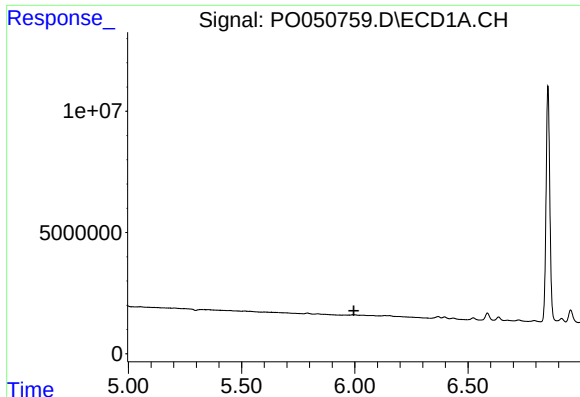
#22 AR-1248-2

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 370521
Conc: 28.60 ng/ml



#22 AR-1248-2

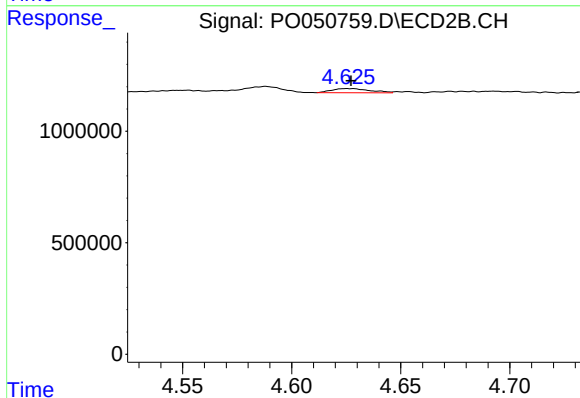
R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 373401
Conc: 53.61 ng/ml



#23 AR-1248-3

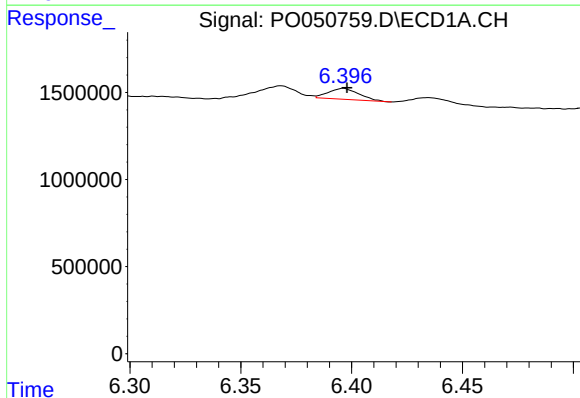
R.T.: 0.000 min
Exp R.T.: 5.996 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



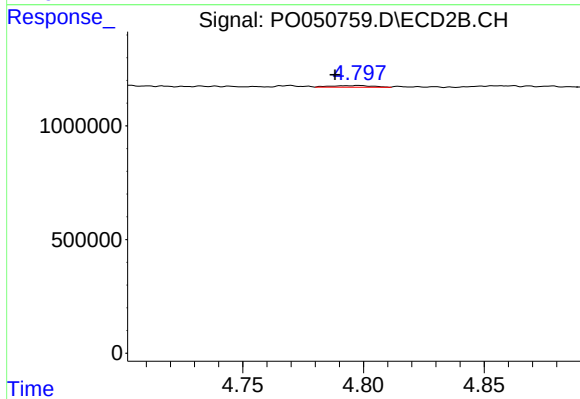
#23 AR-1248-3

R.T.: 4.625 min
Delta R.T.: -0.002 min
Response: 226318
Conc: 32.38 ng/ml



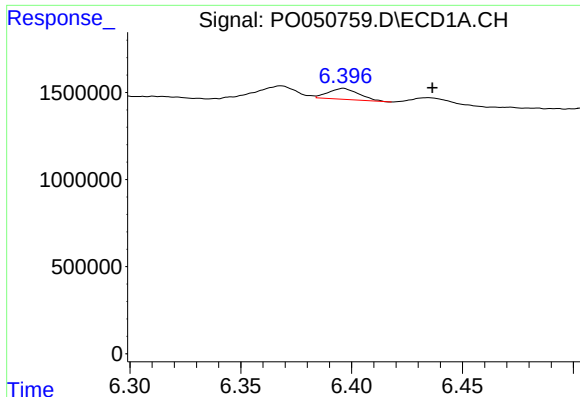
#24 AR-1248-4

R.T.: 6.396 min
Delta R.T.: -0.002 min
Response: 607321
Conc: 36.43 ng/ml



#24 AR-1248-4

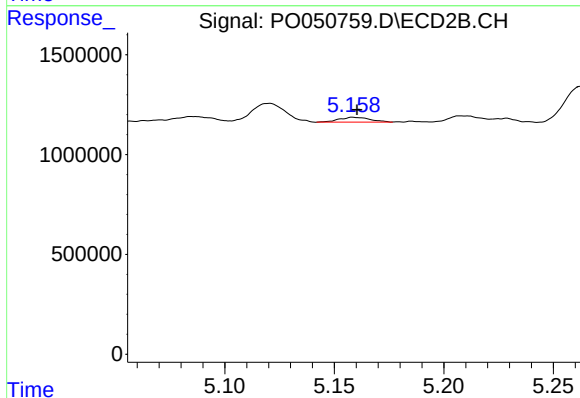
R.T.: 4.798 min
Delta R.T.: 0.010 min
Response: 88398
Conc: 9.47 ng/ml



#25 AR-1248-5

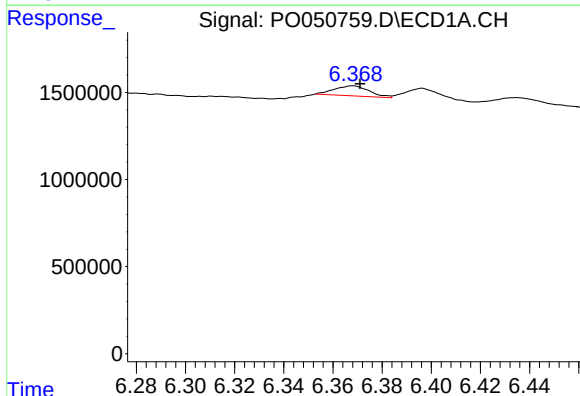
R.T.: 6.396 min
Delta R.T.: -0.040 min
Response: 607321
Conc: 38.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



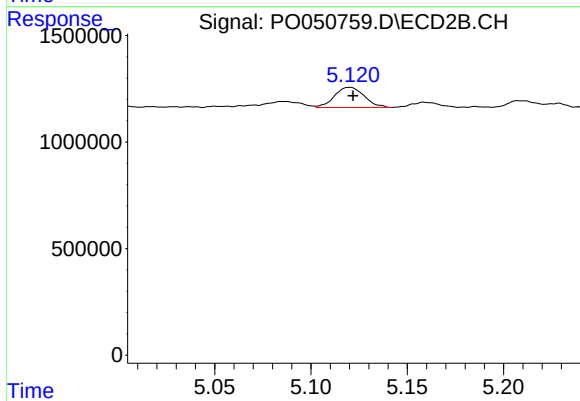
#25 AR-1248-5

R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 240200
Conc: 24.98 ng/ml



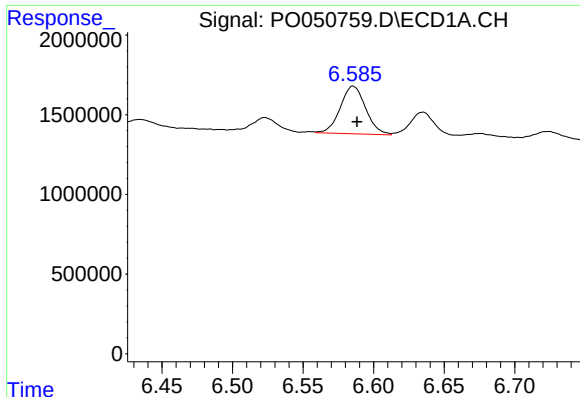
#26 AR-1254-1

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 567175
Conc: 25.83 ng/ml



#26 AR-1254-1

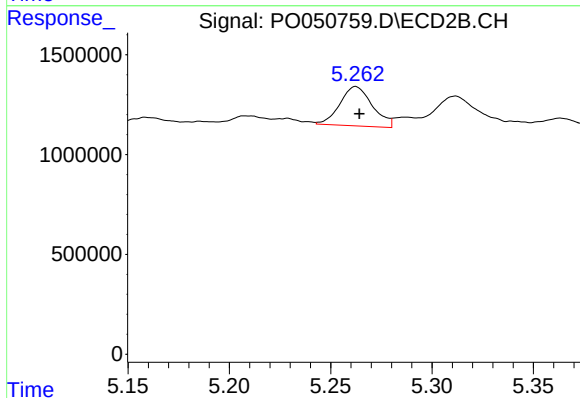
R.T.: 5.120 min
Delta R.T.: -0.001 min
Response: 1016901
Conc: 53.04 ng/ml



#27 AR-1254-2

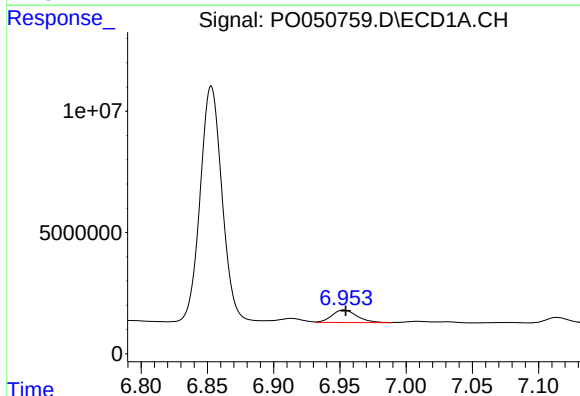
R.T.: 6.585 min
Delta R.T.: -0.003 min
Response: 3760139
Conc: 111.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



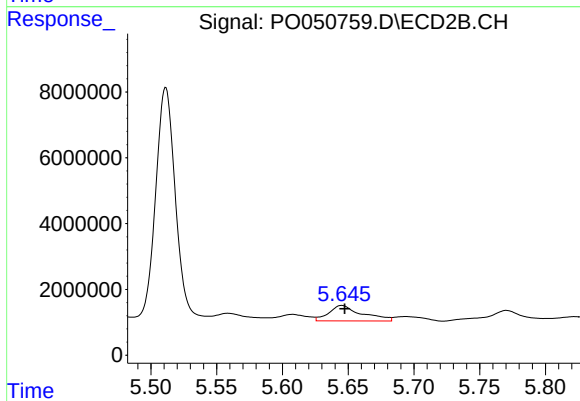
#27 AR-1254-2

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 2206510
Conc: 127.11 ng/ml



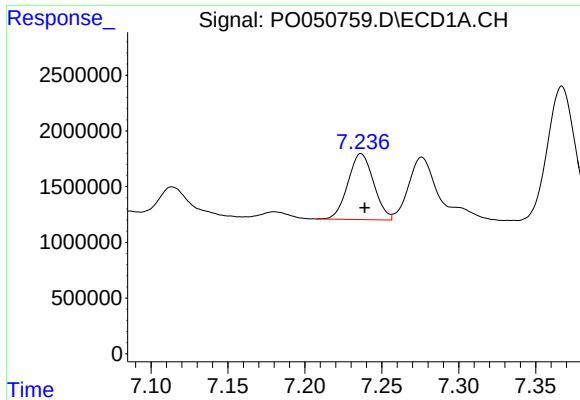
#28 AR-1254-3

R.T.: 6.953 min
Delta R.T.: -0.002 min
Response: 6943283
Conc: 199.39 ng/ml



#28 AR-1254-3

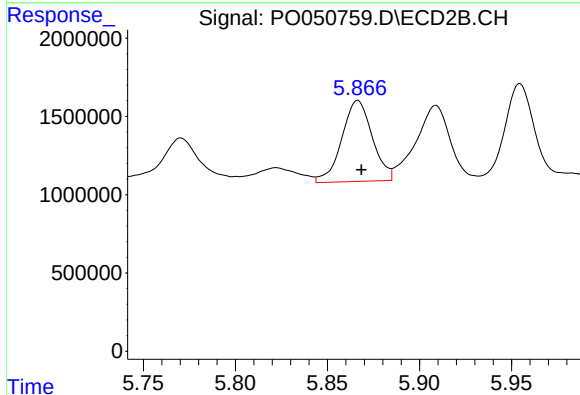
R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 8285815
Conc: 292.74 ng/ml



#29 AR-1254-4

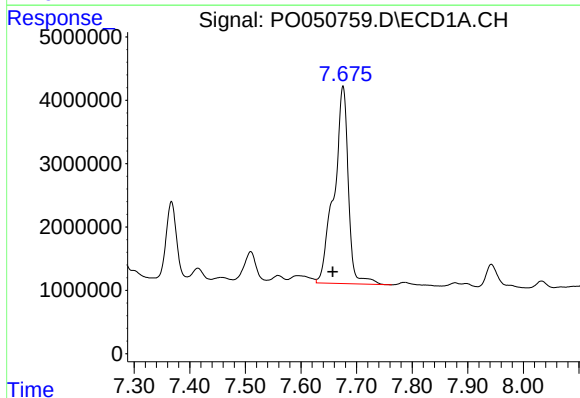
R.T.: 7.236 min
Delta R.T.: -0.002 min
Response: 6878044
Conc: 297.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



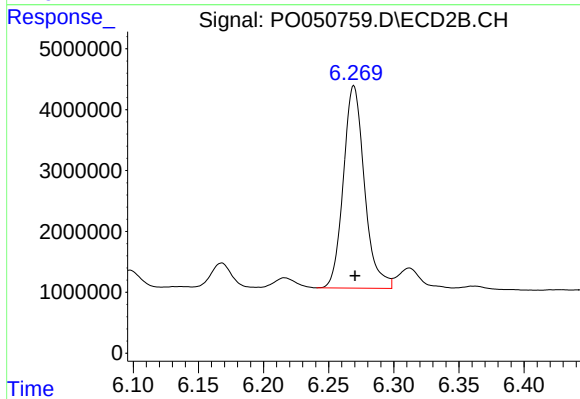
#29 AR-1254-4

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 5971346
Conc: 337.84 ng/ml



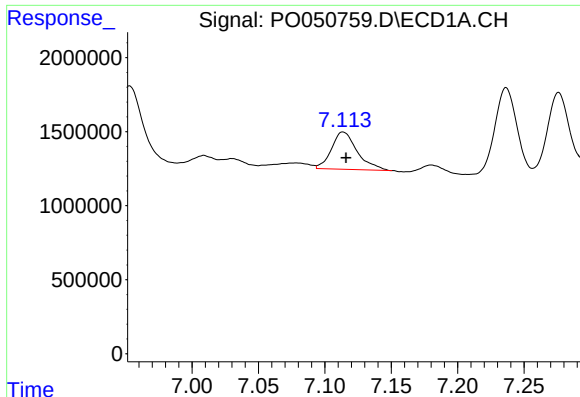
#30 AR-1254-5

R.T.: 7.676 min
Delta R.T.: 0.019 min
Response: 55587117
Conc: 2264.04 ng/ml



#30 AR-1254-5

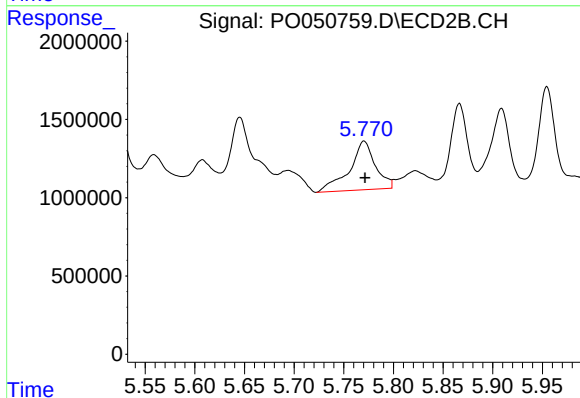
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 37551336
Conc: 1404.51 ng/ml



#31 AR-1260-1

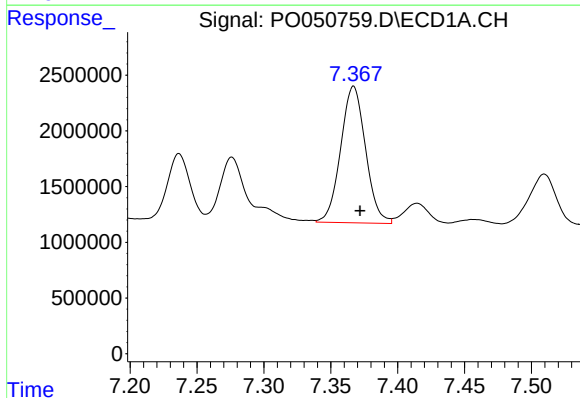
R.T.: 7.114 min
Delta R.T.: -0.003 min
Response: 3370333
Conc: 131.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



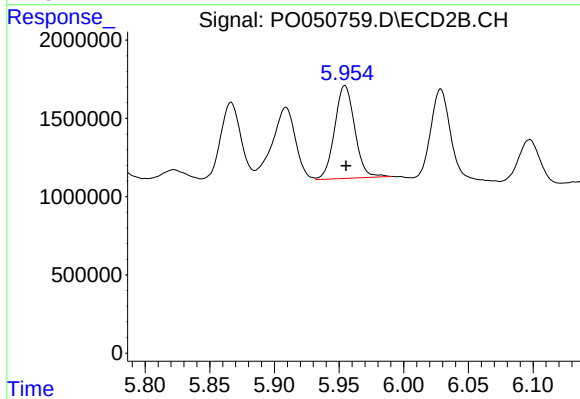
#31 AR-1260-1

R.T.: 5.770 min
Delta R.T.: -0.001 min
Response: 5649825
Conc: 273.26 ng/ml



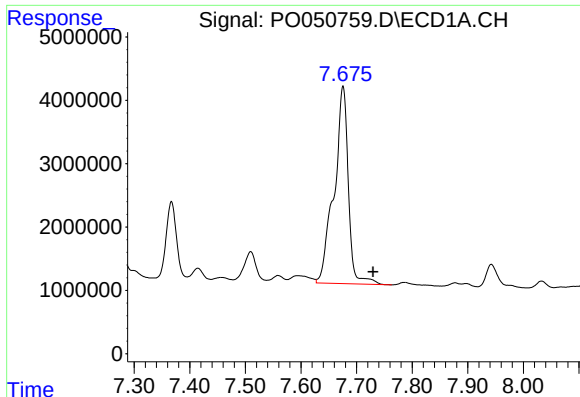
#32 AR-1260-2

R.T.: 7.367 min
Delta R.T.: -0.005 min
Response: 15880579
Conc: 536.82 ng/ml



#32 AR-1260-2

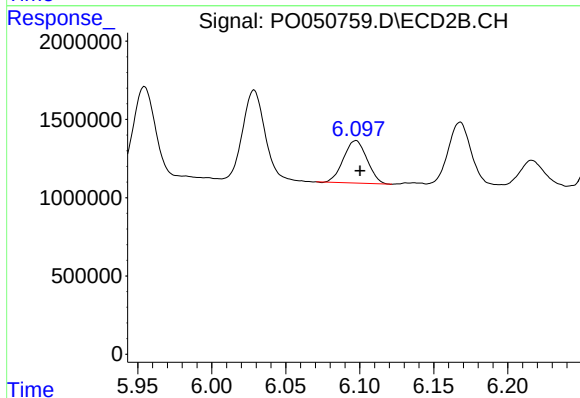
R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 6384262
Conc: 222.33 ng/ml



#33 AR-1260-3

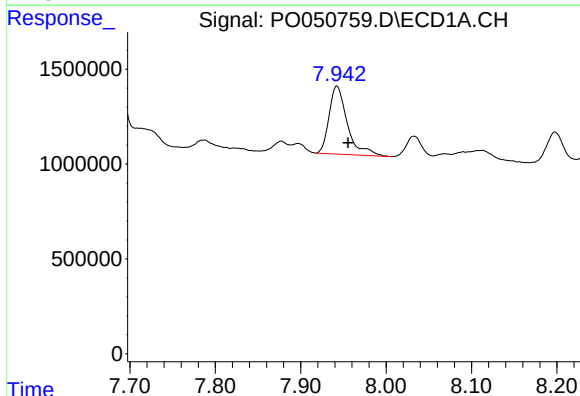
R.T.: 7.676 min
Delta R.T.: -0.054 min
Response: 55587117
Conc: 2622.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



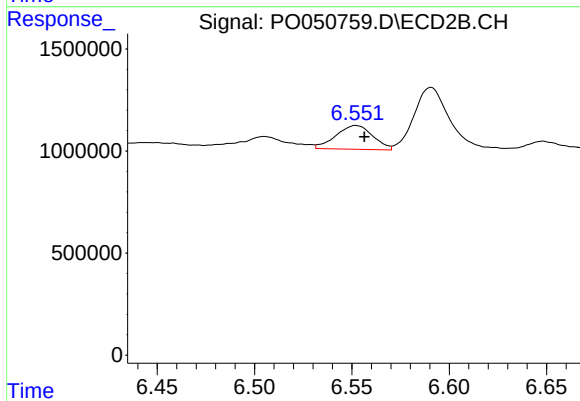
#33 AR-1260-3

R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 3006984
Conc: 121.93 ng/ml



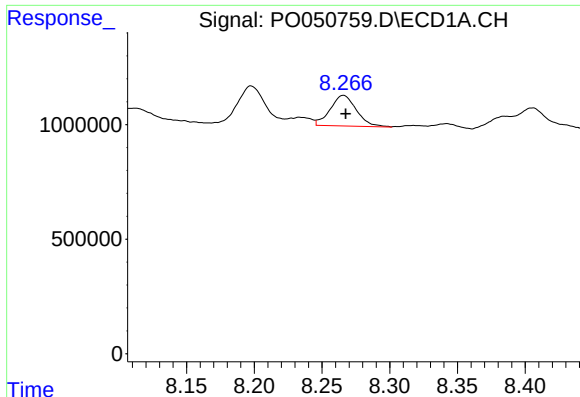
#34 AR-1260-4

R.T.: 7.942 min
Delta R.T.: -0.013 min
Response: 5327411
Conc: 232.81 ng/ml



#34 AR-1260-4

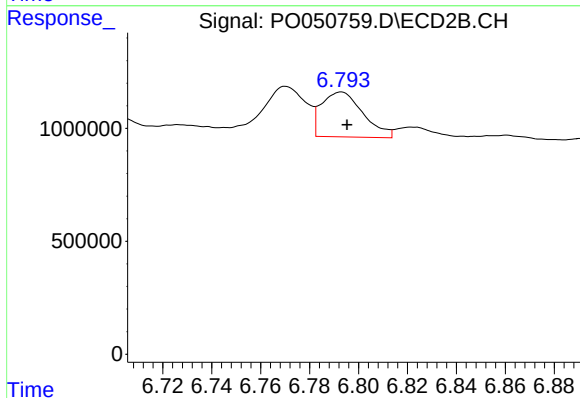
R.T.: 6.552 min
Delta R.T.: -0.004 min
Response: 1539275
Conc: 74.63 ng/ml



#35 AR-1260-5

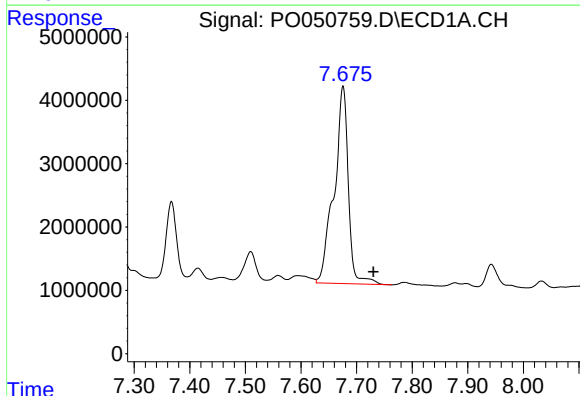
R.T.: 8.266 min
Delta R.T.: -0.002 min
Response: 1806463
Conc: 41.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



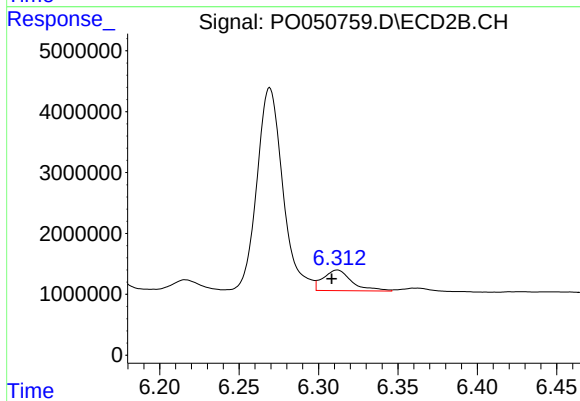
#35 AR-1260-5

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 2343588
Conc: 45.10 ng/ml



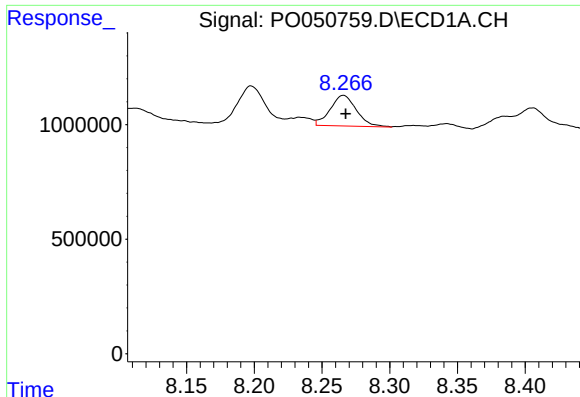
#36 AR-1262-1

R.T.: 7.676 min
Delta R.T.: -0.055 min
Response: 55587117
Conc: 2253.19 ng/ml



#36 AR-1262-1

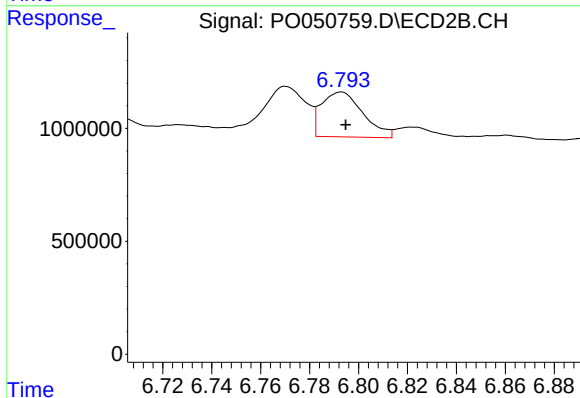
R.T.: 6.312 min
Delta R.T.: 0.004 min
Response: 4276053
Conc: 151.96 ng/ml



#37 AR-1262-2

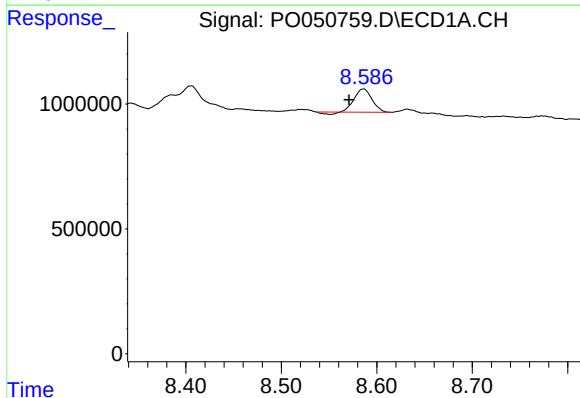
R.T.: 8.266 min
Delta R.T.: -0.002 min
Response: 1806463
Conc: 46.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



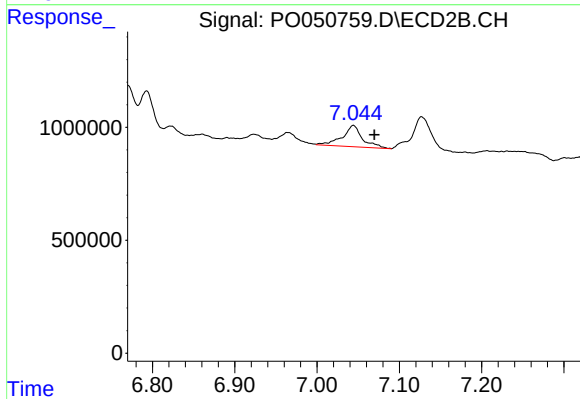
#37 AR-1262-2

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 2343588
Conc: 52.17 ng/ml



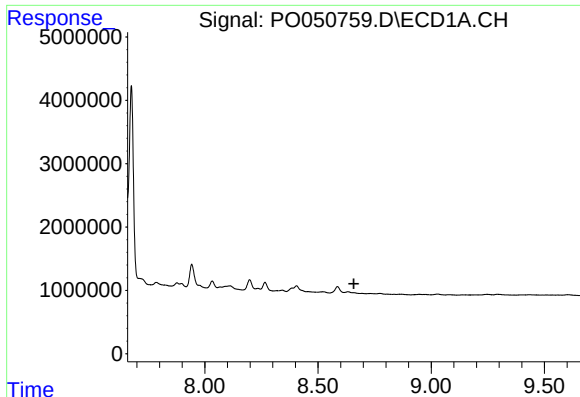
#38 AR-1262-3

R.T.: 8.586 min
Delta R.T.: 0.015 min
Response: 1168599
Conc: 46.26 ng/ml



#38 AR-1262-3

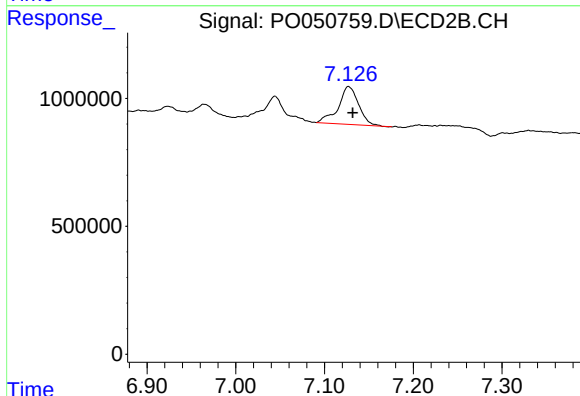
R.T.: 7.044 min
Delta R.T.: -0.026 min
Response: 1605514
Conc: 89.42 ng/ml



#39 AR-1262-4

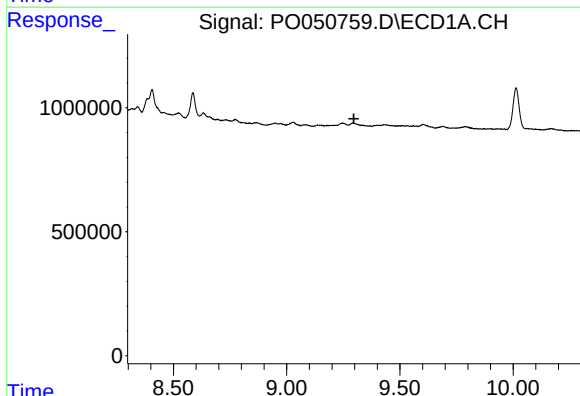
R.T.: 0.000 min
Exp R.T.: 8.658 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



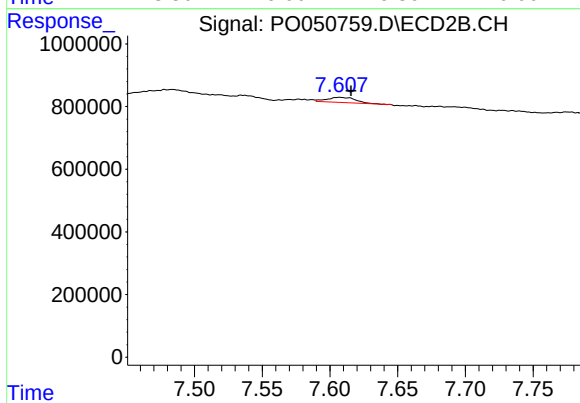
#39 AR-1262-4

R.T.: 7.127 min
Delta R.T.: -0.005 min
Response: 2334690
Conc: 79.36 ng/ml



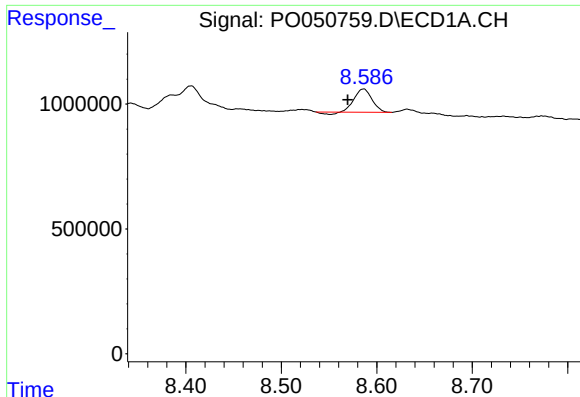
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.297 min
Response: 0
Conc: N.D.



#40 AR-1262-5

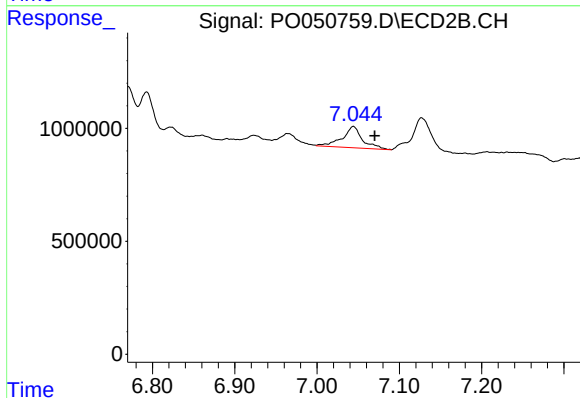
R.T.: 7.607 min
Delta R.T.: -0.009 min
Response: 228681
Conc: 19.70 ng/ml



#41 AR-1268-1

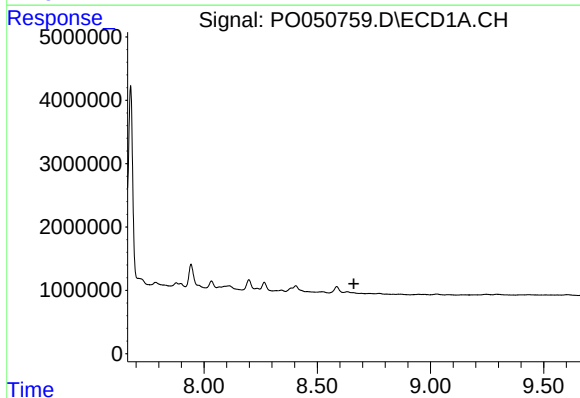
R.T.: 8.586 min
Delta R.T.: 0.016 min
Response: 1168599
Conc: 23.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



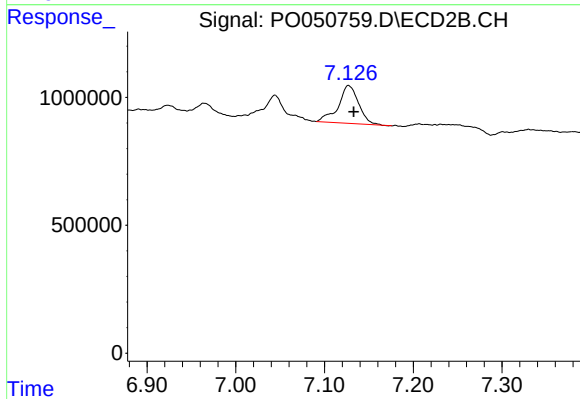
#41 AR-1268-1

R.T.: 7.044 min
Delta R.T.: -0.026 min
Response: 1605514
Conc: 29.15 ng/ml



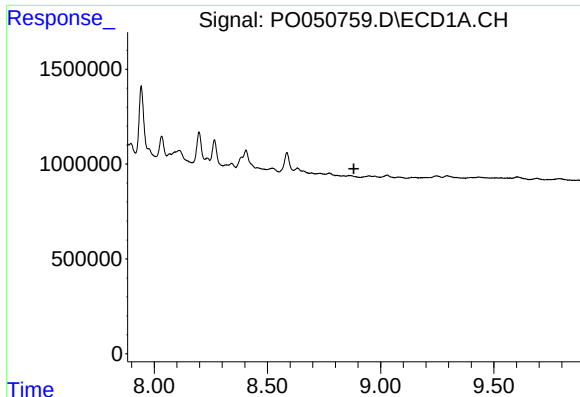
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.662 min
Response: 0
Conc: N.D.



#42 AR-1268-2

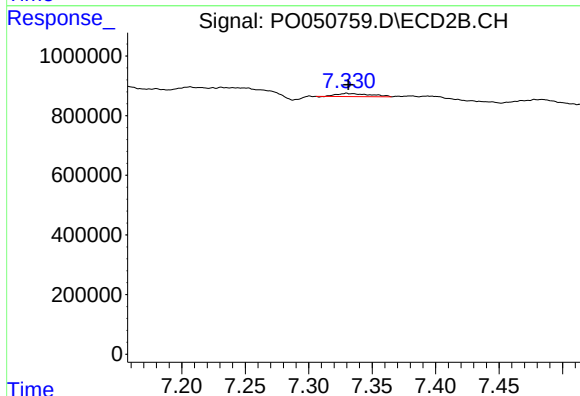
R.T.: 7.127 min
Delta R.T.: -0.006 min
Response: 2334690
Conc: 48.98 ng/ml



#43 AR-1268-3

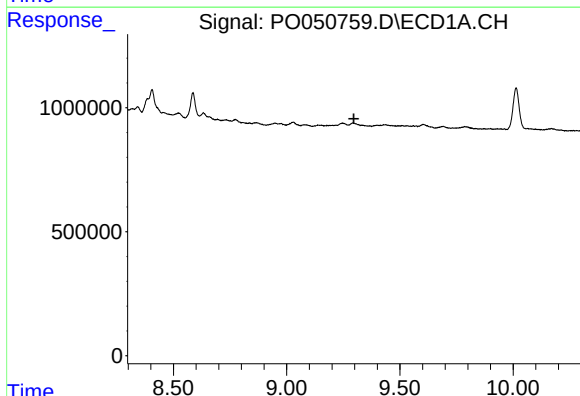
R.T.: 0.000 min
Exp R.T. : 8.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



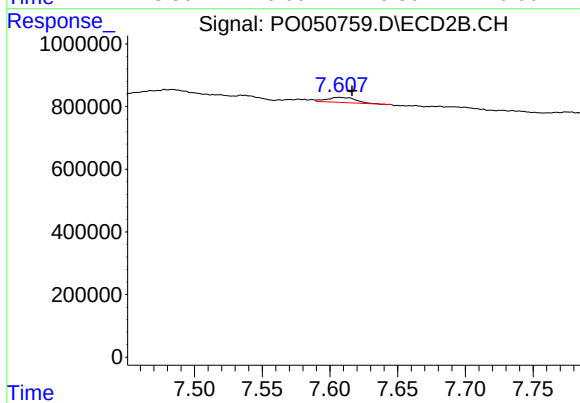
#43 AR-1268-3

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 189848
Conc: 4.41 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.296 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 7.607 min
Delta R.T.: -0.009 min
Response: 228681
Conc: 16.37 ng/ml