

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103018\
 Data File : PO050767.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2018 16:53
 Operator : SM/SJ
 Sample : J5613-14RE
 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 00:55:14 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	3.348	9703374	3989476	19.412	18.355
2)	SA Decachlor...	10.013	8.095	3133123	2336931	10.080	9.136
Target Compounds							
3)	L1 AR-1016-1	0.000	4.367	0	590573	N.D.	64.265 #
4)	L1 AR-1016-2	0.000	4.367	0	590573	N.D.	38.111 #
5)	L1 AR-1016-3	0.000	4.546	0	21439	N.D.	2.677 #
6)	L1 AR-1016-4	0.000	4.587	0	217532	N.D.	35.750 #
7)	L1 AR-1016-5	0.000	4.806	0	75324	N.D.	8.729 #
8)	L2 AR-1221-1	0.000	3.564	0	10334	N.D.	6.114 #
9)	L2 AR-1221-2	0.000	3.624	0	40173	N.D.	31.567 #
10)	L2 AR-1221-3	0.000	3.700	0	42861	N.D.	10.022 #
11)	L3 AR-1232-1	0.000	3.700	0	42861	N.D.	10.722 #
12)	L3 AR-1232-2	5.316	4.367	-115221	590573	N.D.	123.456 #
13)	L3 AR-1232-3	0.000	4.546	0	21439	N.D.	8.222 #
14)	L3 AR-1232-4	0.000	4.625	0	390984	N.D.	175.387 #
15)	L3 AR-1232-5	5.790	4.806	428733	75324	144.457	28.320 #
16)	L4 AR-1242-1	0.000	4.367	0	590573	N.D.	100.628 #
17)	L4 AR-1242-2	0.000	4.367	0	590573	N.D.	59.114 #
18)	L4 AR-1242-3	0.000	4.546	0	21439	N.D.	4.246 #
19)	L4 AR-1242-4	0.000	4.625	0	390984	N.D.	81.848 #
20)	L4 AR-1242-5	6.436	5.120	432206	1147511	46.336	178.116 #
21)	L5 AR-1248-1	0.000	4.367	0	590573	N.D.	128.011 #
22)	L5 AR-1248-2	5.790	4.587	428733	217532	33.098	31.233
23)	L5 AR-1248-3	0.000	4.625	0	390984	N.D.	55.933 #
24)	L5 AR-1248-4	6.397	4.806	640476	75324	38.418	8.072 #
25)	L5 AR-1248-5	6.436	5.158	432206	236277	27.686	24.574
26)	L6 AR-1254-1	6.368	5.120	571885	1147511	26.044	59.848 #
27)	L6 AR-1254-2	6.586	5.262	3646829	2236508	107.862	128.836
28)	L6 AR-1254-3	6.953	5.645	6872893	8490970	197.367	299.990 #
29)	L6 AR-1254-4	7.236	5.867	6982877	6030667	301.898	341.195
30)	L6 AR-1254-5	7.676	6.269	55702065	38005291	2268.720	1421.488 #
31)	L7 AR-1260-1	7.114	5.770	3360862	6062409	130.642	293.214 #
32)	L7 AR-1260-2	7.368	5.954	16068477	6488301	543.176	225.950 #
33)	L7 AR-1260-3	7.676	6.097	55702065	3049022	2628.275	123.639 #
34)	L7 AR-1260-4	7.943	6.552	5494947	1416451	240.133	68.675 #
35)	L7 AR-1260-5	8.266	6.792	1741100	2257693	39.530	43.448
36)	L8 AR-1262-1	7.676	6.311	55702065	4431851	2257.845	157.494 #
37)	L8 AR-1262-2	8.266	6.792	1741100	2257693	44.486	50.258
38)	L8 AR-1262-3	8.587	7.045	1152493	1726821	45.618	96.179 #
39)	L8 AR-1262-4	0.000	7.127	0	2475502	N.D.	84.145 #
40)	L8 AR-1262-5	0.000	7.607	0	350447	N.D.	30.197 #
41)	L9 AR-1268-1	8.587	7.045	1152493	1726821	22.843	31.353 #

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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	2475502	N.D.	51.934 #
43) L9	AR-1268-3	0.000	7.331	0	116535	N.D.	2.705 #
44) L9	AR-1268-4	0.000	7.607	0	350447	N.D.	25.085 #

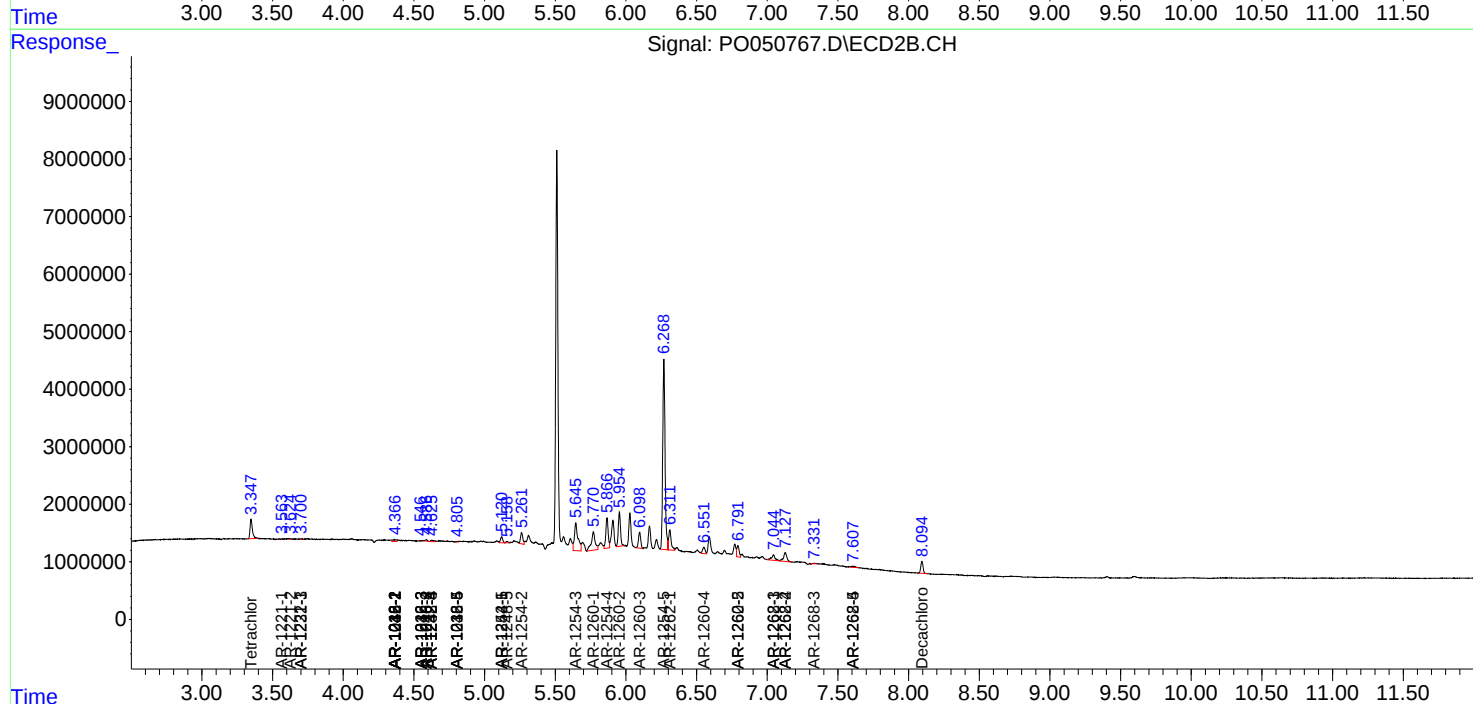
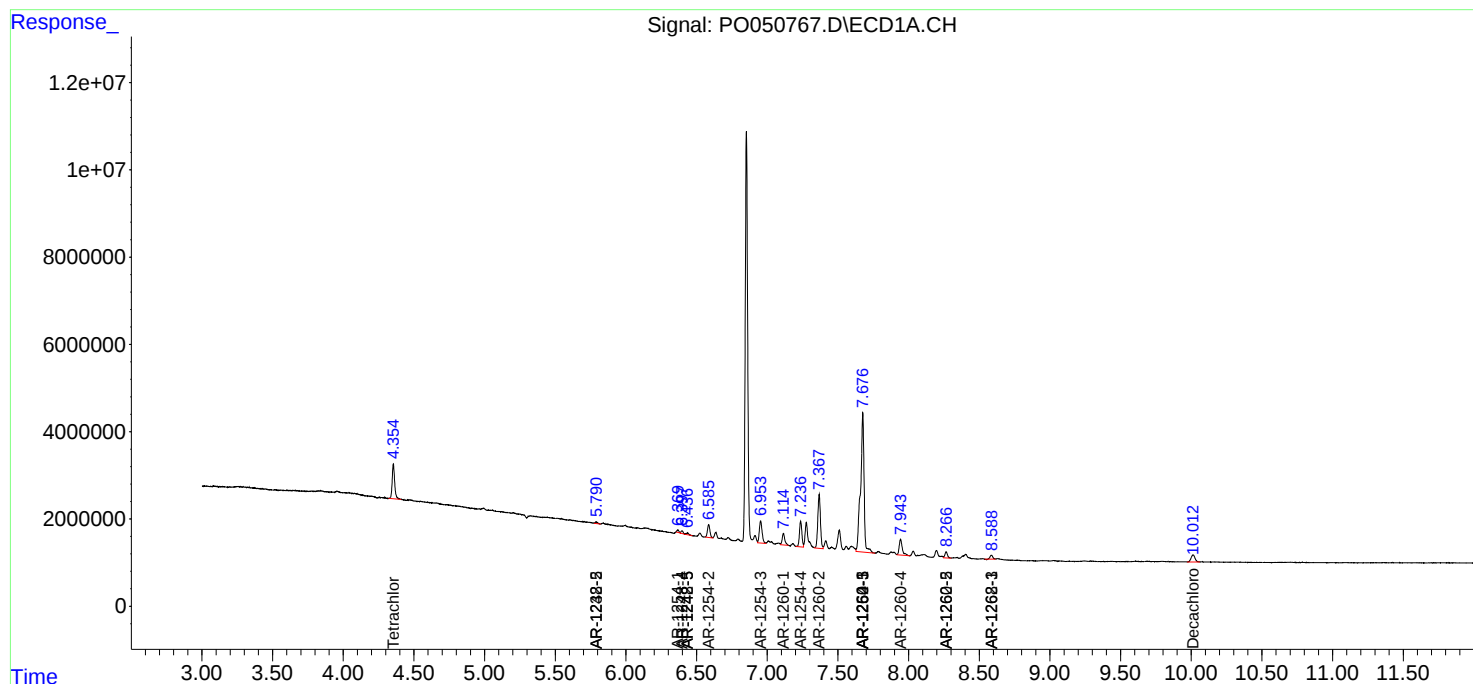
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

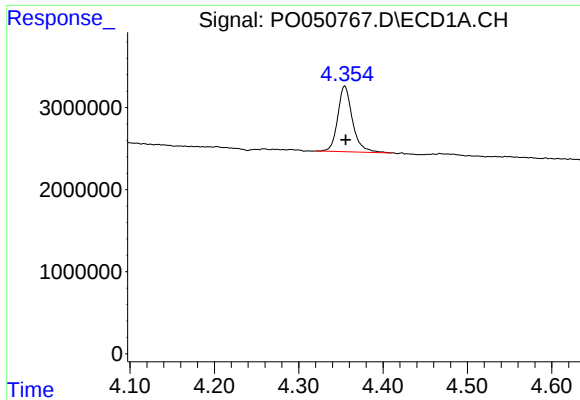
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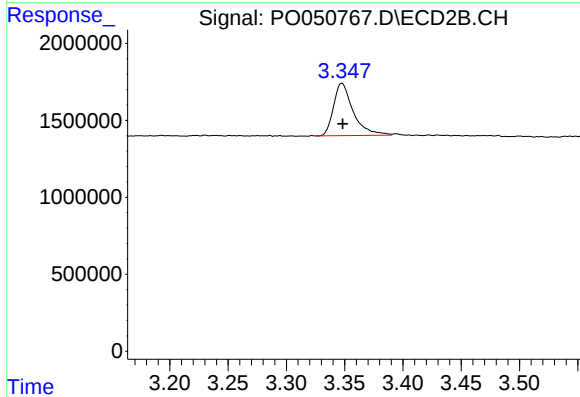




#1 Tetrachloro-m-xylene

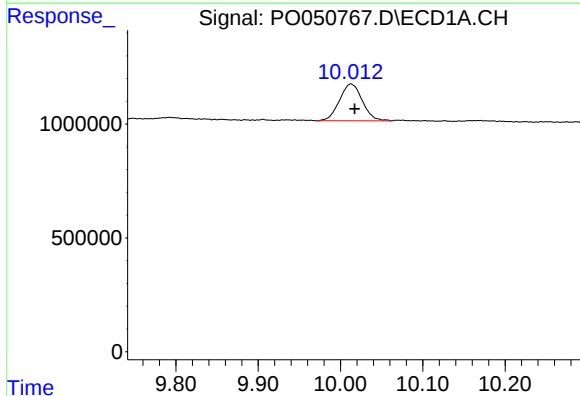
R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 9703374
Conc: 19.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



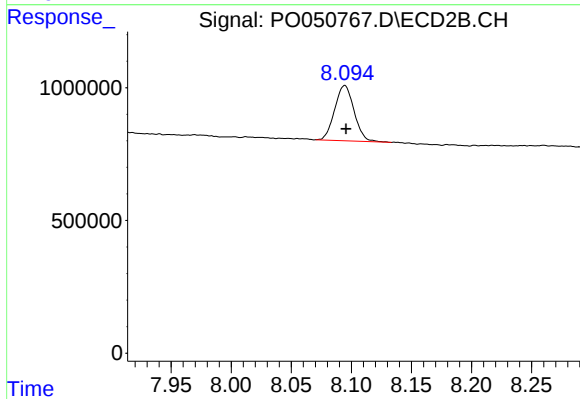
#1 Tetrachloro-m-xylene

R.T.: 3.348 min
Delta R.T.: 0.000 min
Response: 3989476
Conc: 18.35 ng/ml



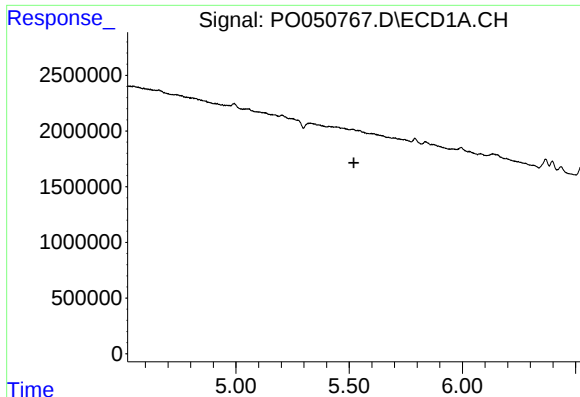
#2 Decachlorobiphenyl

R.T.: 10.013 min
Delta R.T.: -0.005 min
Response: 3133123
Conc: 10.08 ng/ml



#2 Decachlorobiphenyl

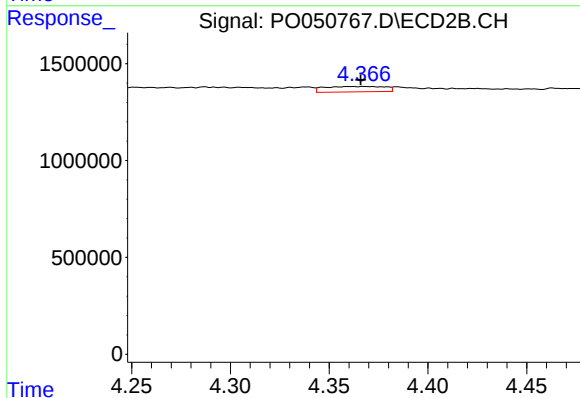
R.T.: 8.095 min
Delta R.T.: -0.001 min
Response: 2336931
Conc: 9.14 ng/ml



#3 AR-1016-1

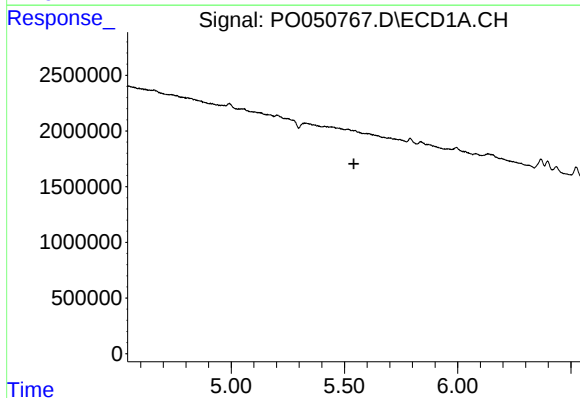
R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



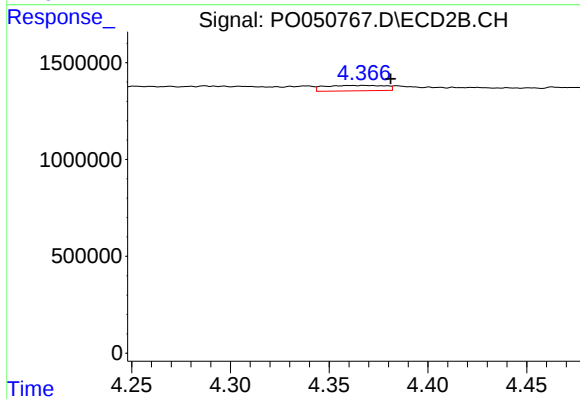
#3 AR-1016-1

R.T.: 4.367 min
Delta R.T.: 0.001 min
Response: 590573
Conc: 64.26 ng/ml



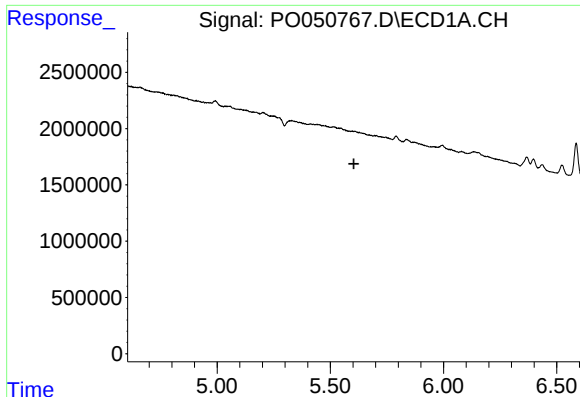
#4 AR-1016-2

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



#4 AR-1016-2

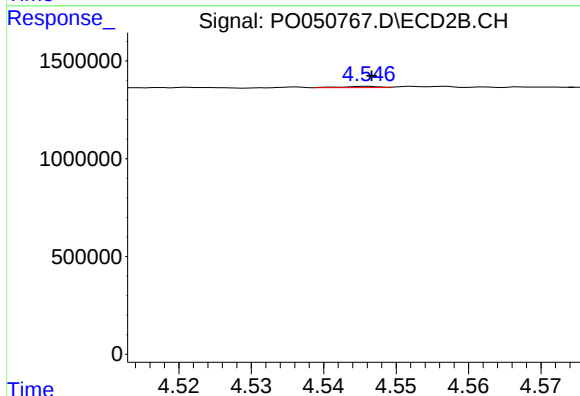
R.T.: 4.367 min
Delta R.T.: -0.014 min
Response: 590573
Conc: 38.11 ng/ml



#5 AR-1016-3

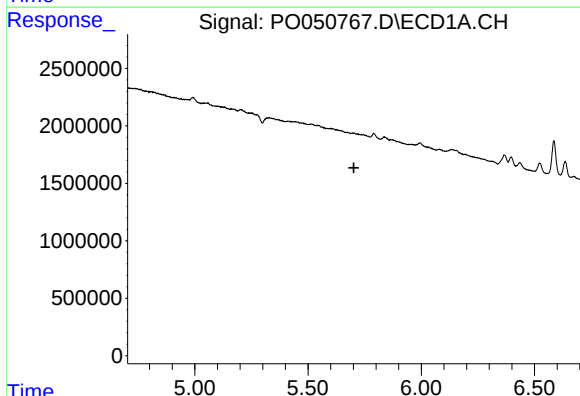
R.T.: 0.000 min
Exp R.T.: 5.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



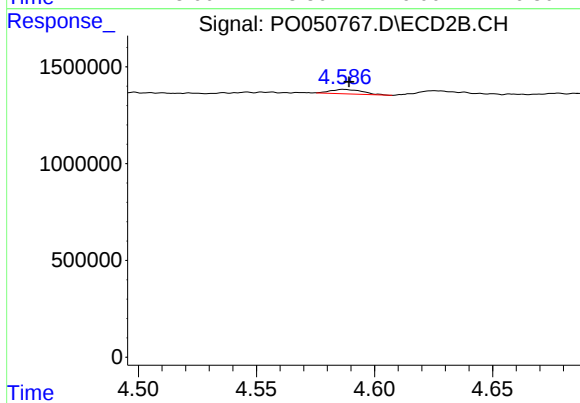
#5 AR-1016-3

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 21439
Conc: 2.68 ng/ml



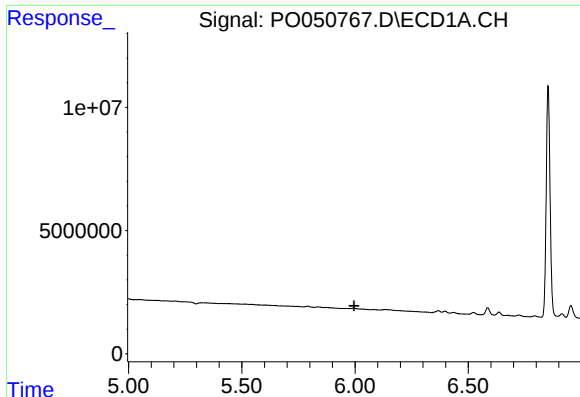
#6 AR-1016-4

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



#6 AR-1016-4

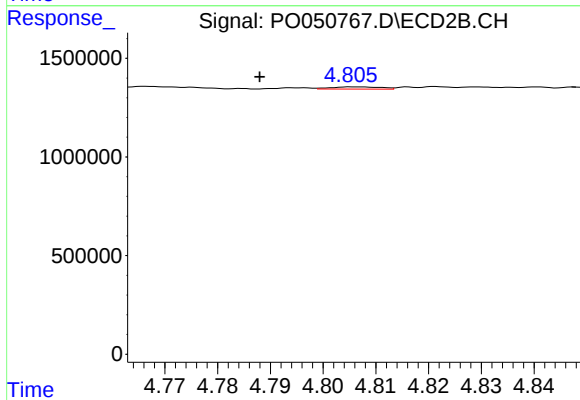
R.T.: 4.587 min
Delta R.T.: -0.002 min
Response: 217532
Conc: 35.75 ng/ml



#7 AR-1016-5

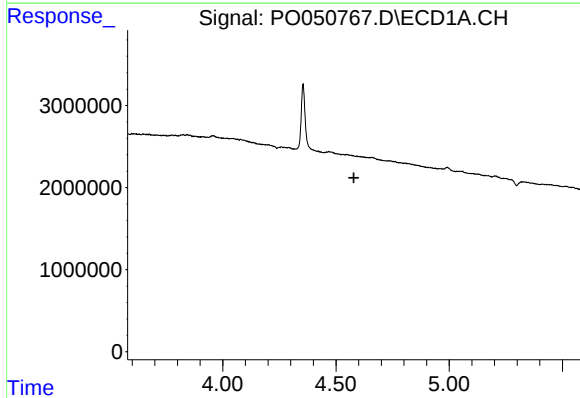
R.T.: 0.000 min
Exp R.T.: 5.995 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



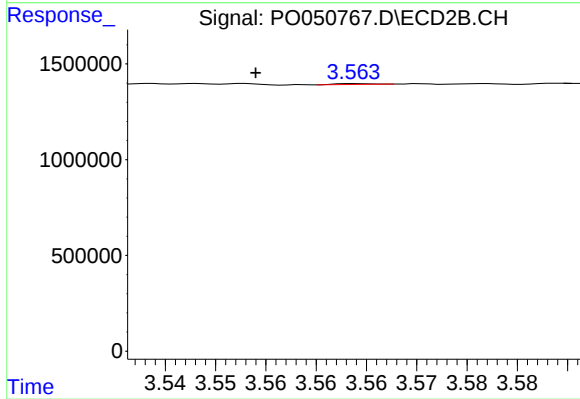
#7 AR-1016-5

R.T.: 4.806 min
Delta R.T.: 0.018 min
Response: 75324
Conc: 8.73 ng/ml



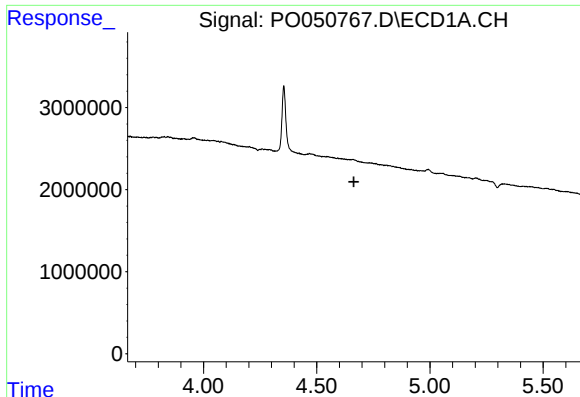
#8 AR-1221-1

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



#8 AR-1221-1

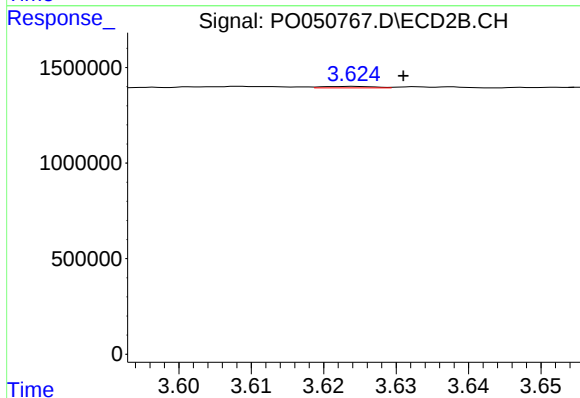
R.T.: 3.564 min
Delta R.T.: 0.010 min
Response: 10334
Conc: 6.11 ng/ml



#9 AR-1221-2

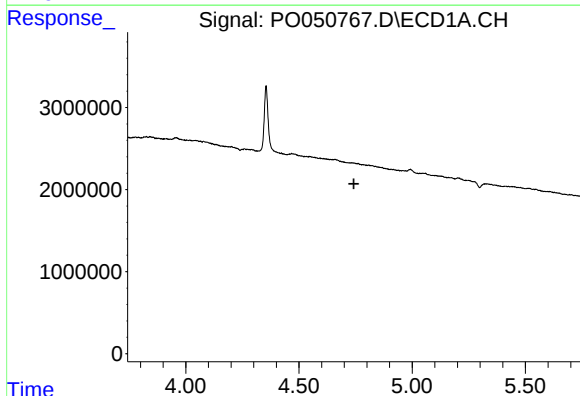
R.T.: 0.000 min
Exp R.T.: 4.664 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



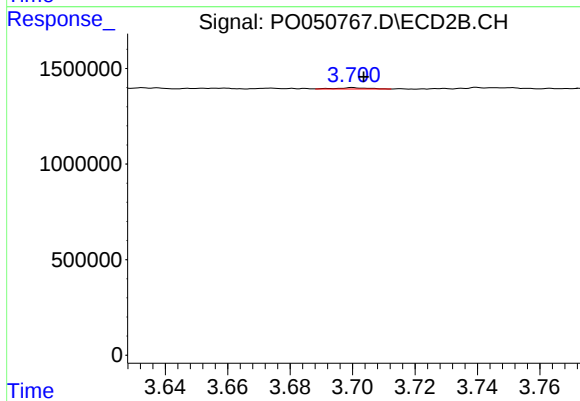
#9 AR-1221-2

R.T.: 3.624 min
Delta R.T.: -0.007 min
Response: 40173
Conc: 31.57 ng/ml



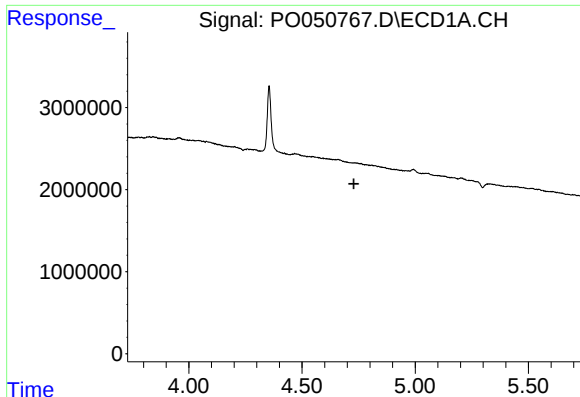
#10 AR-1221-3

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



#10 AR-1221-3

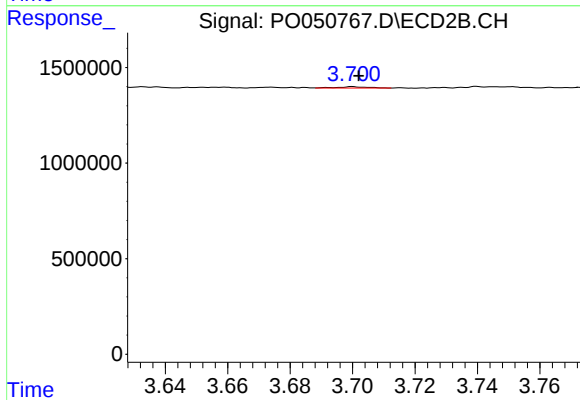
R.T.: 3.700 min
Delta R.T.: -0.004 min
Response: 42861
Conc: 10.02 ng/ml



#11 AR-1232-1

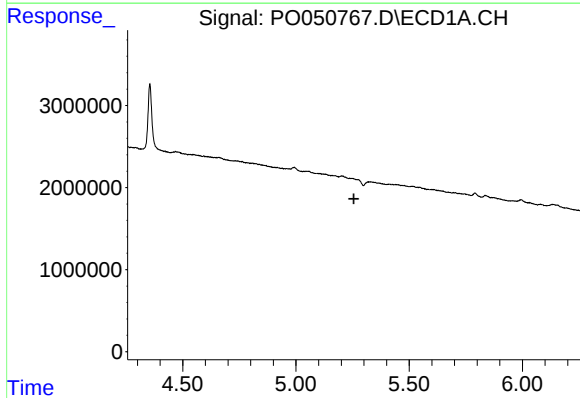
R.T.: 0.000 min
Exp R.T.: 4.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



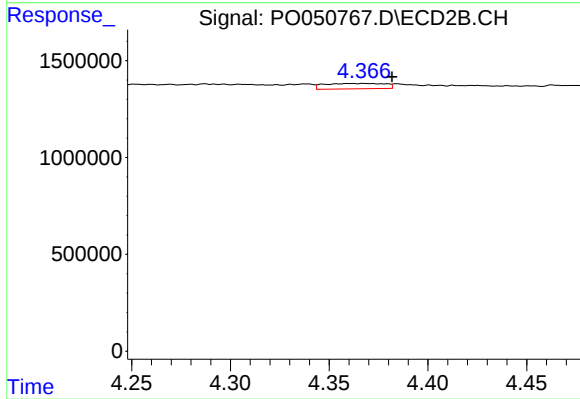
#11 AR-1232-1

R.T.: 3.700 min
Delta R.T.: -0.002 min
Response: 42861
Conc: 10.72 ng/ml



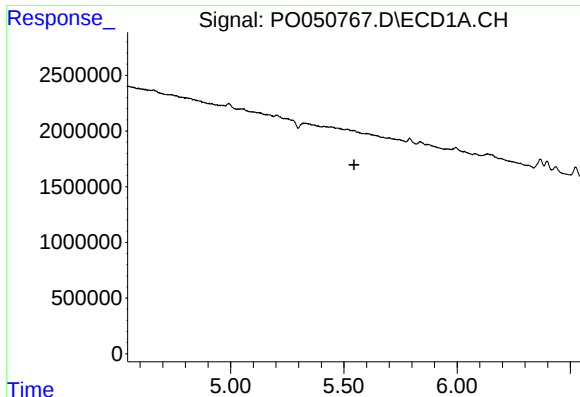
#12 AR-1232-2

R.T.: 5.316 min
Delta R.T.: 0.060 min
Response: -115221
Conc: N.D.



#12 AR-1232-2

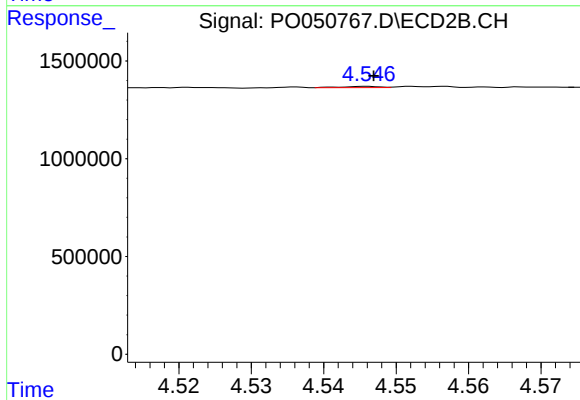
R.T.: 4.367 min
Delta R.T.: -0.015 min
Response: 590573
Conc: 123.46 ng/ml



#13 AR-1232-3

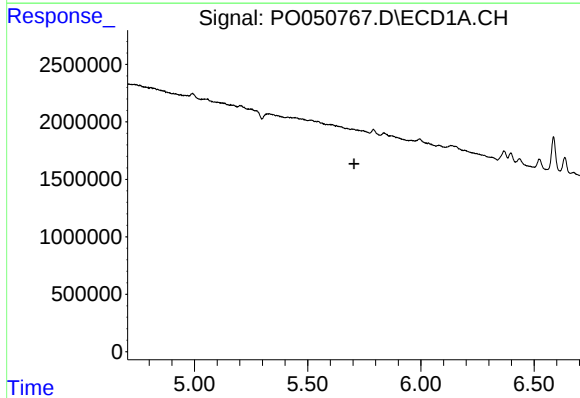
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



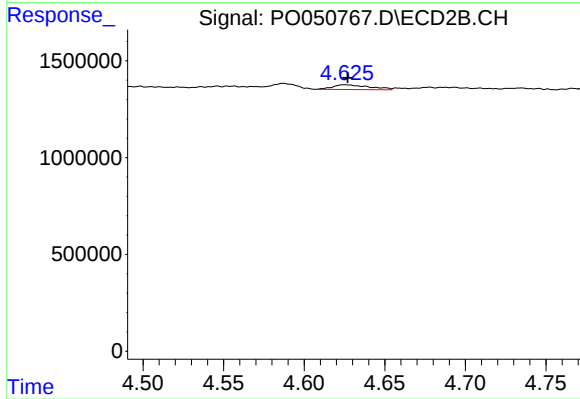
#13 AR-1232-3

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 21439
Conc: 8.22 ng/ml



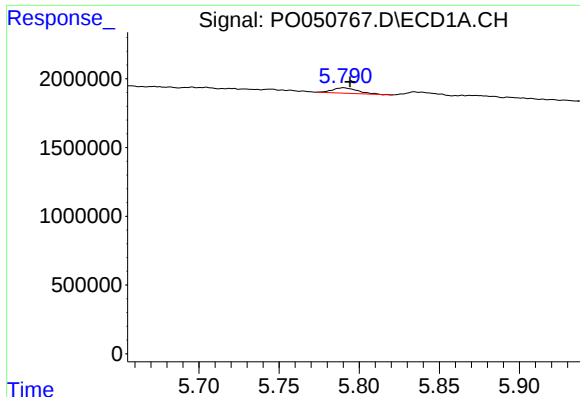
#14 AR-1232-4

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



#14 AR-1232-4

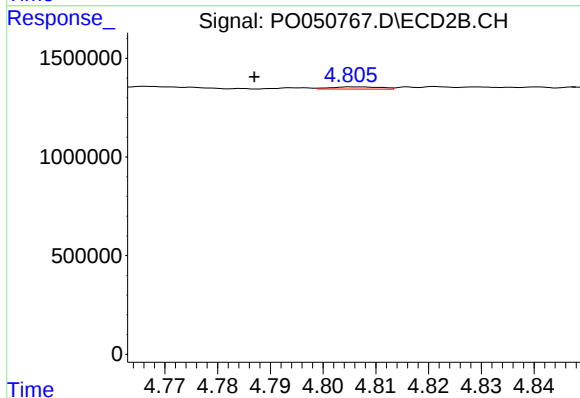
R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 390984
Conc: 175.39 ng/ml



#15 AR-1232-5

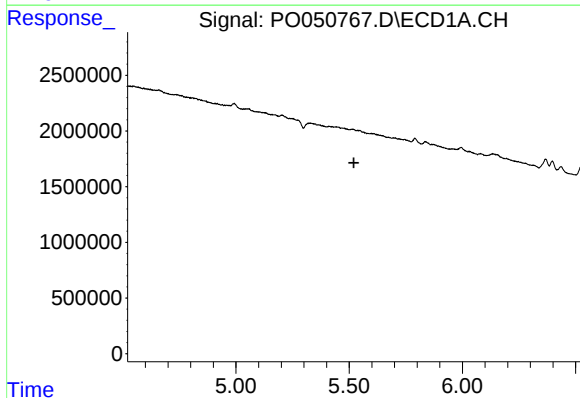
R.T.: 5.790 min
Delta R.T.: -0.004 min
Response: 428733
Conc: 144.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



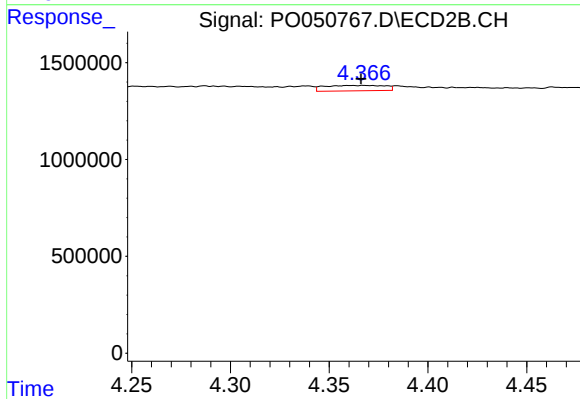
#15 AR-1232-5

R.T.: 4.806 min
Delta R.T.: 0.019 min
Response: 75324
Conc: 28.32 ng/ml



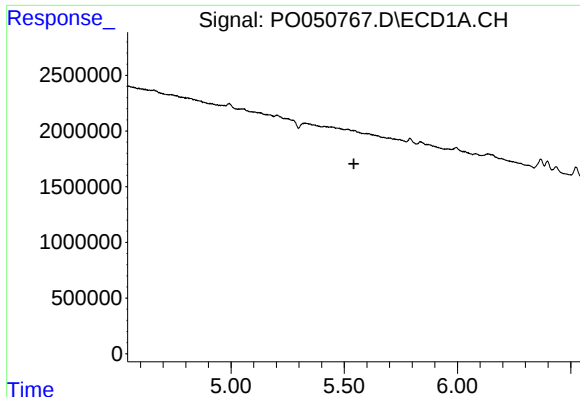
#16 AR-1242-1

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



#16 AR-1242-1

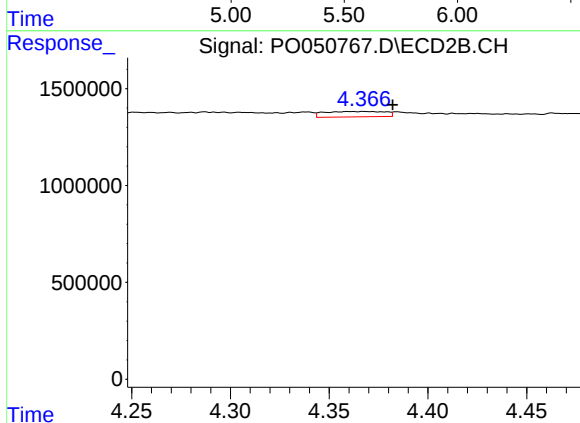
R.T.: 4.367 min
Delta R.T.: 0.001 min
Response: 590573
Conc: 100.63 ng/ml



#17 AR-1242-2

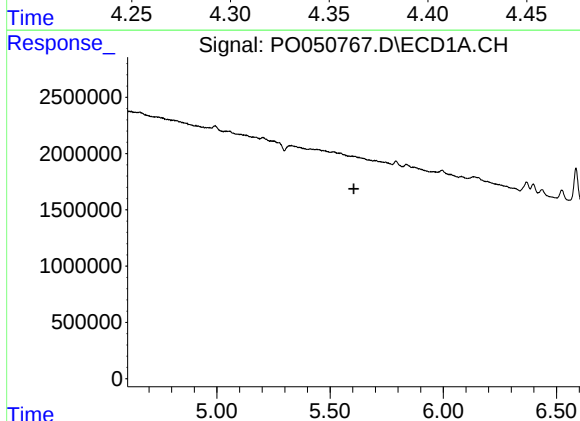
R.T.: 0.000 min
Exp R.T.: 5.543 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



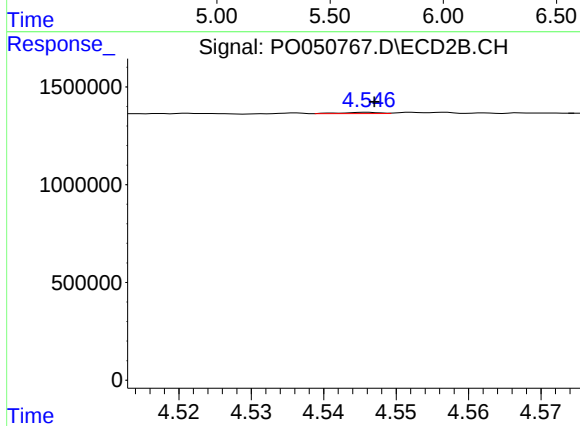
#17 AR-1242-2

R.T.: 4.367 min
Delta R.T.: -0.015 min
Response: 590573
Conc: 59.11 ng/ml



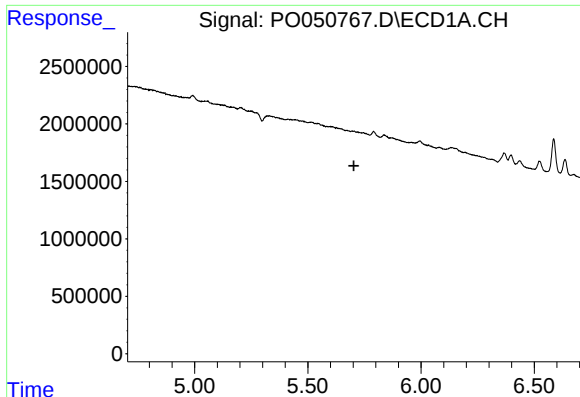
#18 AR-1242-3

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



#18 AR-1242-3

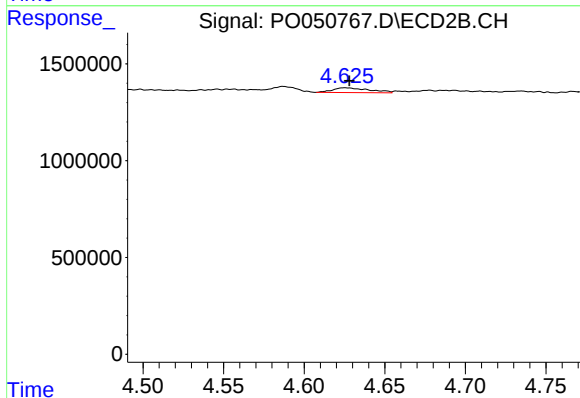
R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 21439
Conc: 4.25 ng/ml



#19 AR-1242-4

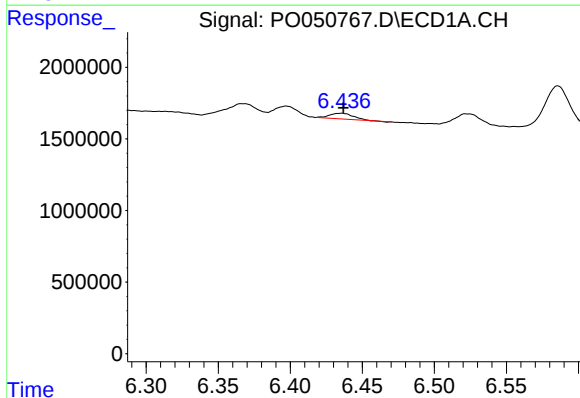
R.T.: 0.000 min
Exp R.T.: 5.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



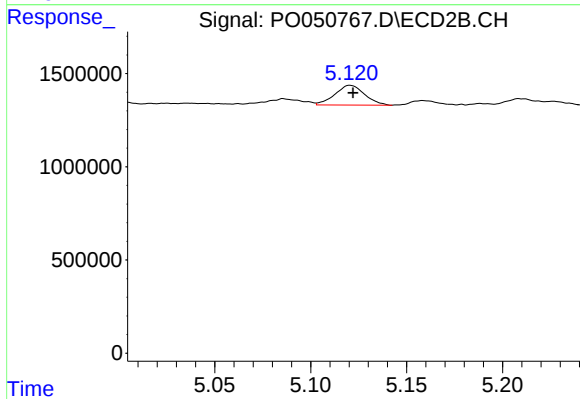
#19 AR-1242-4

R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 390984
Conc: 81.85 ng/ml



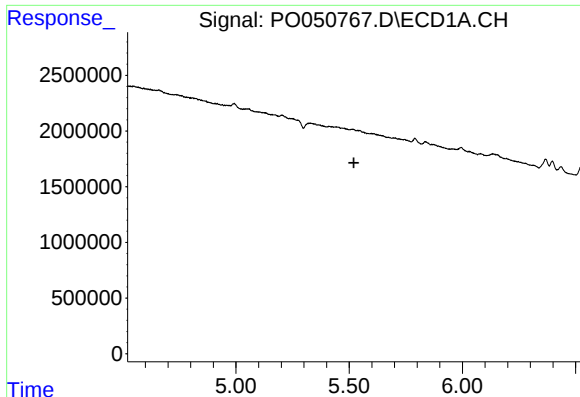
#20 AR-1242-5

R.T.: 6.436 min
Delta R.T.: -0.001 min
Response: 432206
Conc: 46.34 ng/ml



#20 AR-1242-5

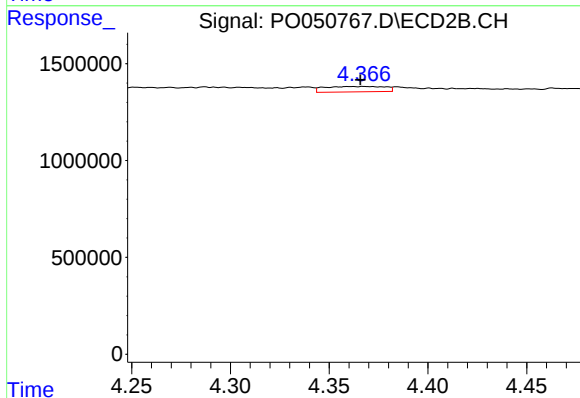
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 1147511
Conc: 178.12 ng/ml



#21 AR-1248-1

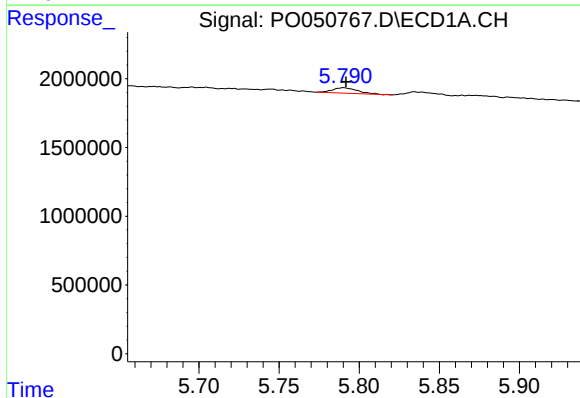
R.T.: 0.000 min
Exp R.T.: 5.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



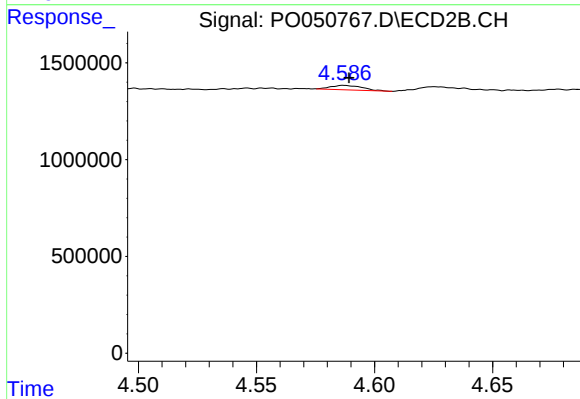
#21 AR-1248-1

R.T.: 4.367 min
Delta R.T.: 0.001 min
Response: 590573
Conc: 128.01 ng/ml



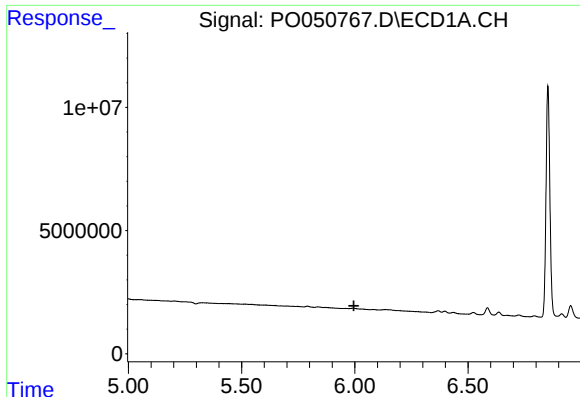
#22 AR-1248-2

R.T.: 5.790 min
Delta R.T.: -0.001 min
Response: 428733
Conc: 33.10 ng/ml



#22 AR-1248-2

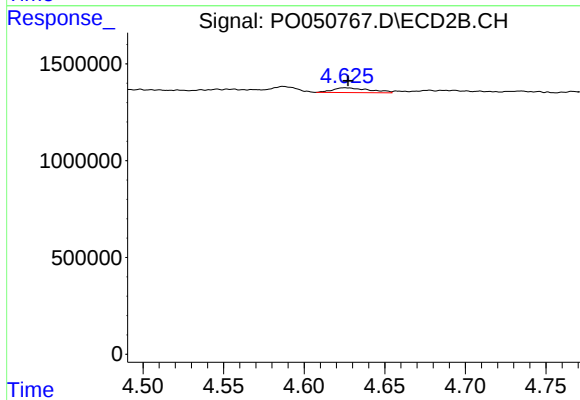
R.T.: 4.587 min
Delta R.T.: -0.002 min
Response: 217532
Conc: 31.23 ng/ml



#23 AR-1248-3

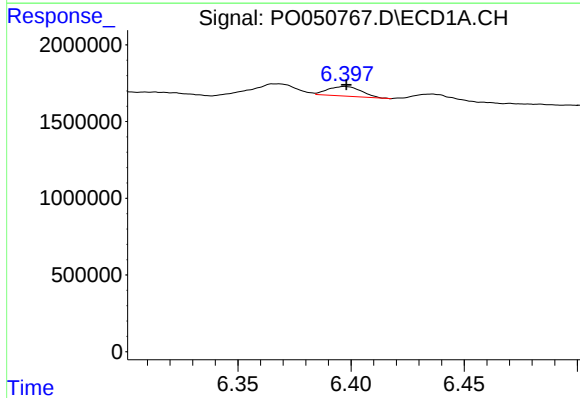
R.T.: 0.000 min
Exp R.T.: 5.996 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



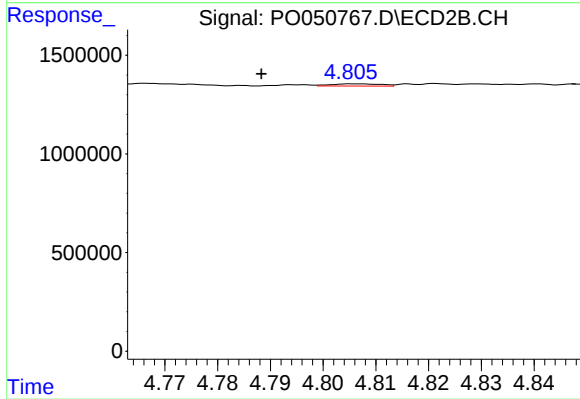
#23 AR-1248-3

R.T.: 4.625 min
Delta R.T.: -0.002 min
Response: 390984
Conc: 55.93 ng/ml



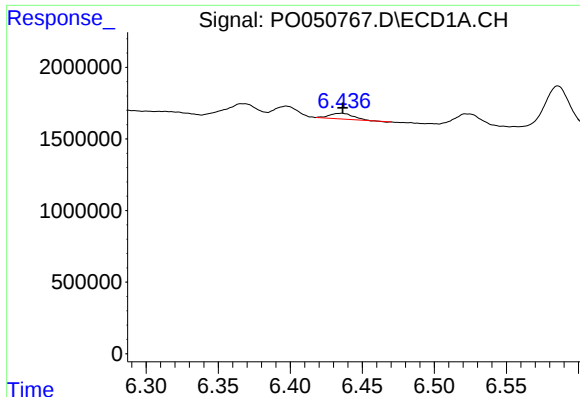
#24 AR-1248-4

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 640476
Conc: 38.42 ng/ml



#24 AR-1248-4

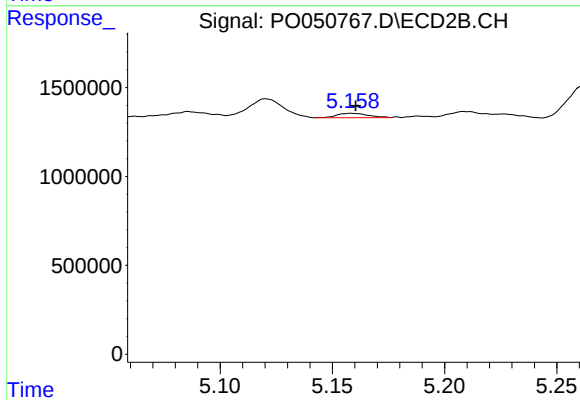
R.T.: 4.806 min
Delta R.T.: 0.017 min
Response: 75324
Conc: 8.07 ng/ml



#25 AR-1248-5

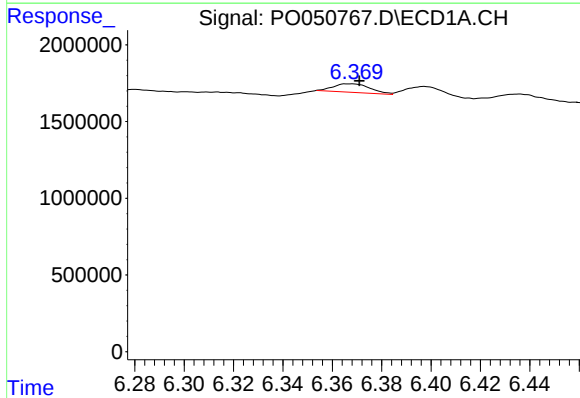
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 432206
Conc: 27.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



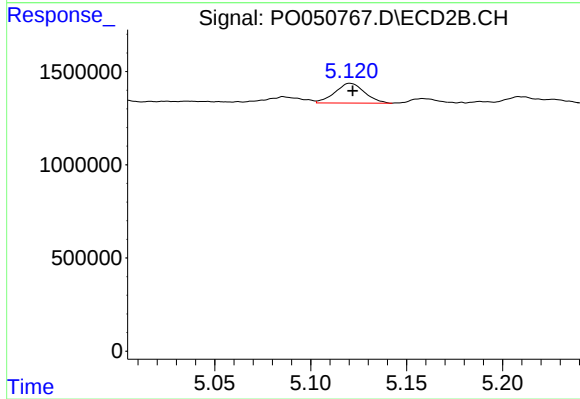
#25 AR-1248-5

R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 236277
Conc: 24.57 ng/ml



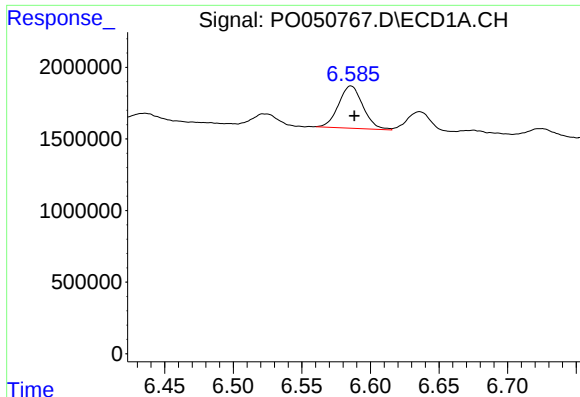
#26 AR-1254-1

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 571885
Conc: 26.04 ng/ml



#26 AR-1254-1

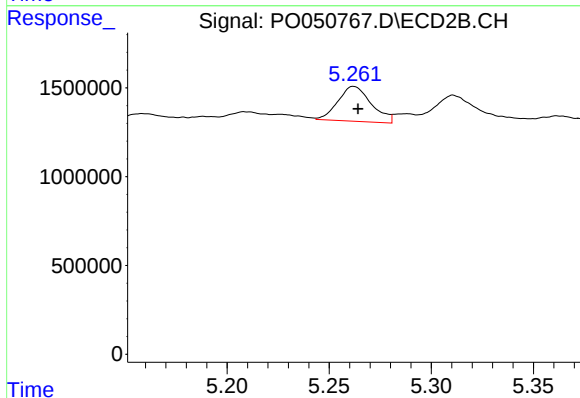
R.T.: 5.120 min
Delta R.T.: -0.001 min
Response: 1147511
Conc: 59.85 ng/ml



#27 AR-1254-2

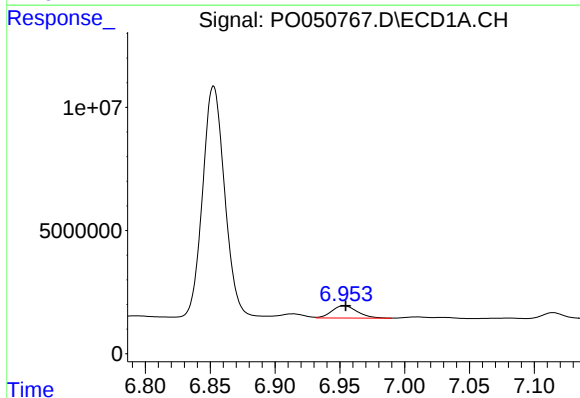
R.T.: 6.586 min
Delta R.T.: -0.003 min
Response: 3646829
Conc: 107.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



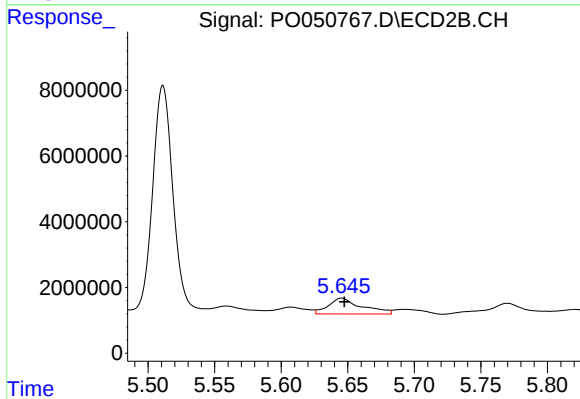
#27 AR-1254-2

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 2236508
Conc: 128.84 ng/ml



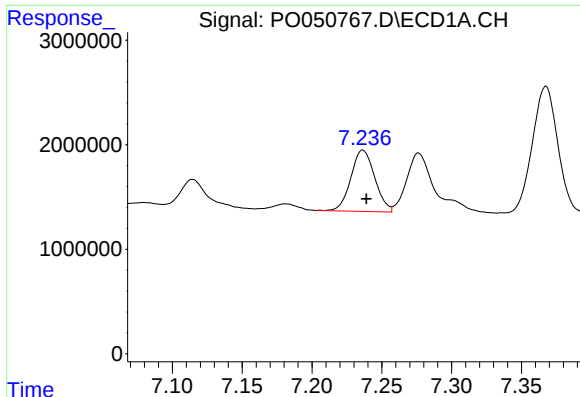
#28 AR-1254-3

R.T.: 6.953 min
Delta R.T.: -0.001 min
Response: 6872893
Conc: 197.37 ng/ml



#28 AR-1254-3

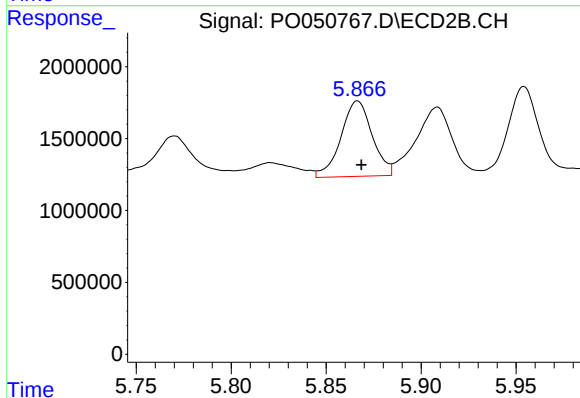
R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 8490970
Conc: 299.99 ng/ml



#29 AR-1254-4

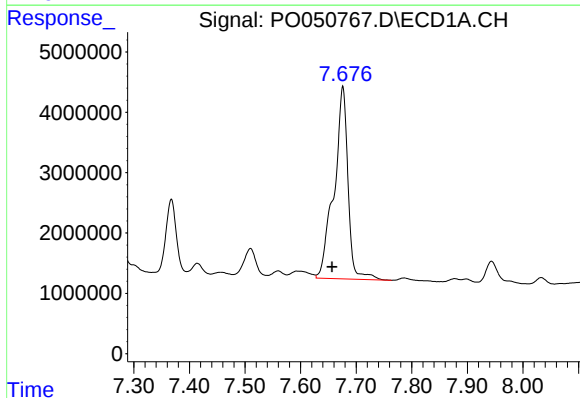
R.T.: 7.236 min
Delta R.T.: -0.003 min
Response: 6982877
Conc: 301.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



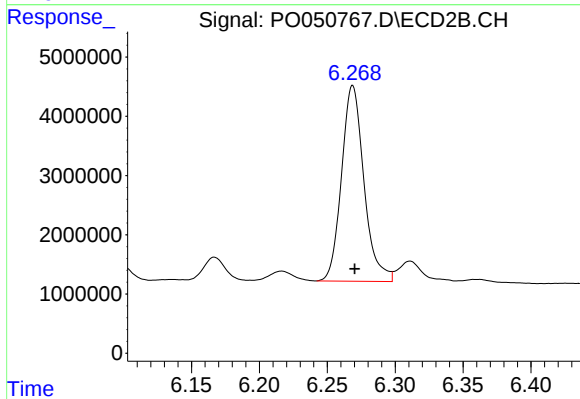
#29 AR-1254-4

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 6030667
Conc: 341.19 ng/ml



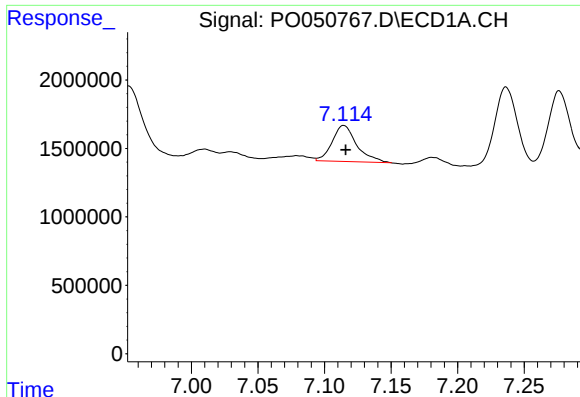
#30 AR-1254-5

R.T.: 7.676 min
Delta R.T.: 0.019 min
Response: 55702065
Conc: 2268.72 ng/ml



#30 AR-1254-5

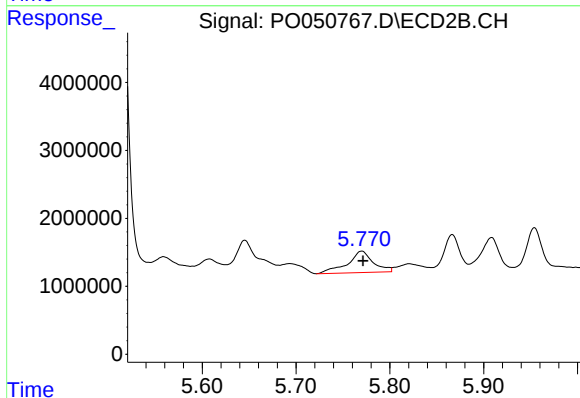
R.T.: 6.269 min
Delta R.T.: -0.002 min
Response: 38005291
Conc: 1421.49 ng/ml



#31 AR-1260-1

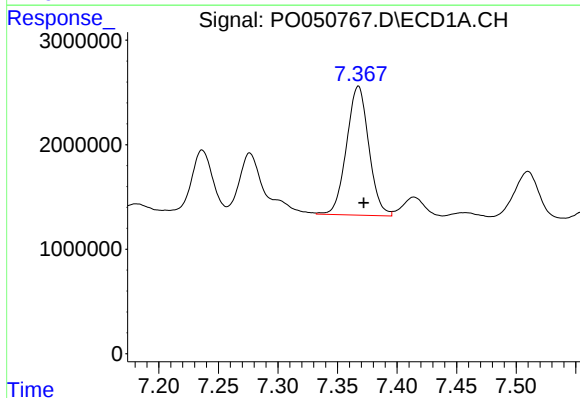
R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 3360862
Conc: 130.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



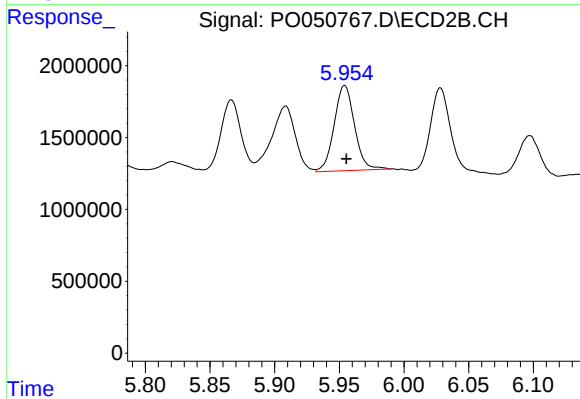
#31 AR-1260-1

R.T.: 5.770 min
Delta R.T.: -0.001 min
Response: 6062409
Conc: 293.21 ng/ml



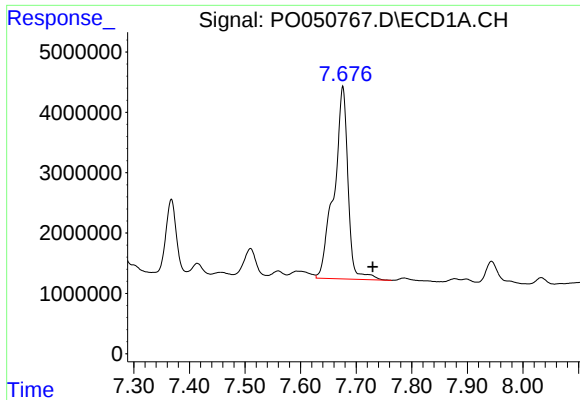
#32 AR-1260-2

R.T.: 7.368 min
Delta R.T.: -0.004 min
Response: 16068477
Conc: 543.18 ng/ml



#32 AR-1260-2

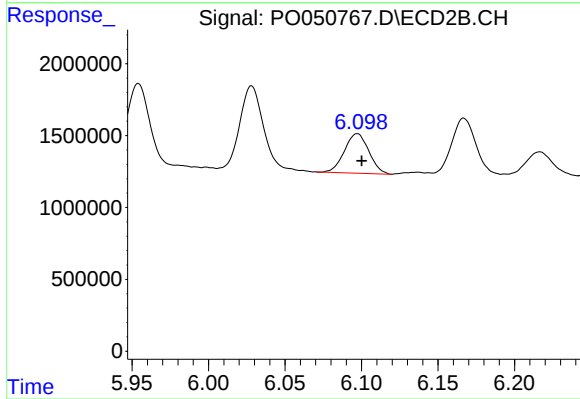
R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 6488301
Conc: 225.95 ng/ml



#33 AR-1260-3

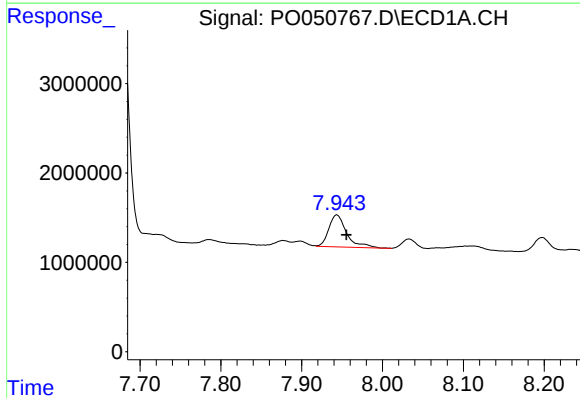
R.T.: 7.676 min
Delta R.T.: -0.054 min
Response: 55702065
Conc: 2628.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



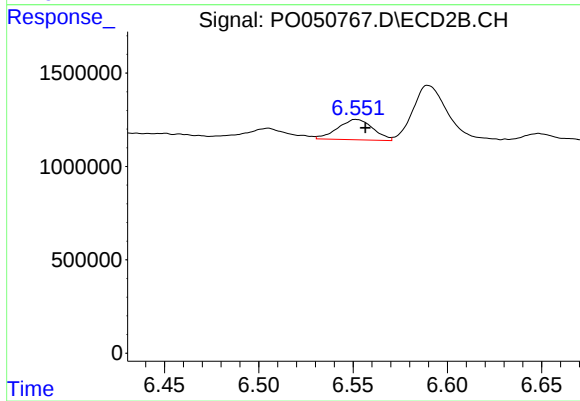
#33 AR-1260-3

R.T.: 6.097 min
Delta R.T.: -0.003 min
Response: 3049022
Conc: 123.64 ng/ml



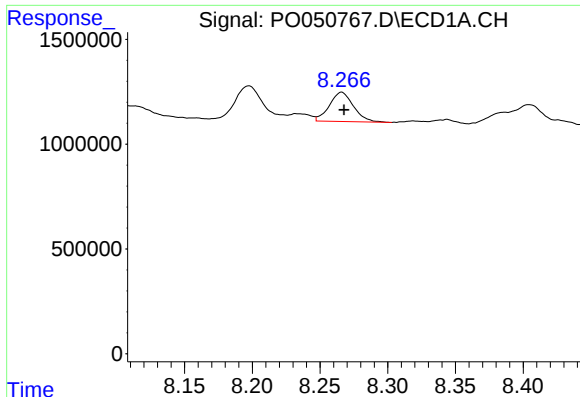
#34 AR-1260-4

R.T.: 7.943 min
Delta R.T.: -0.012 min
Response: 5494947
Conc: 240.13 ng/ml



#34 AR-1260-4

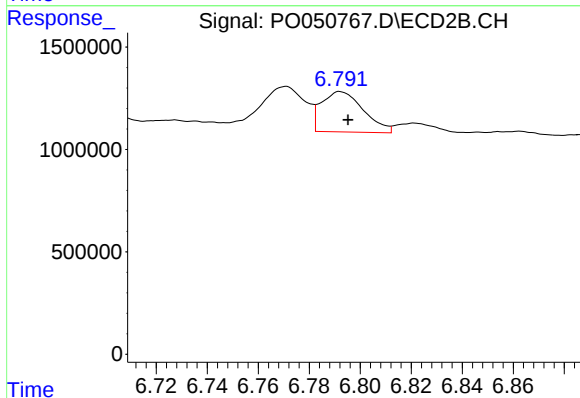
R.T.: 6.552 min
Delta R.T.: -0.005 min
Response: 1416451
Conc: 68.67 ng/ml



#35 AR-1260-5

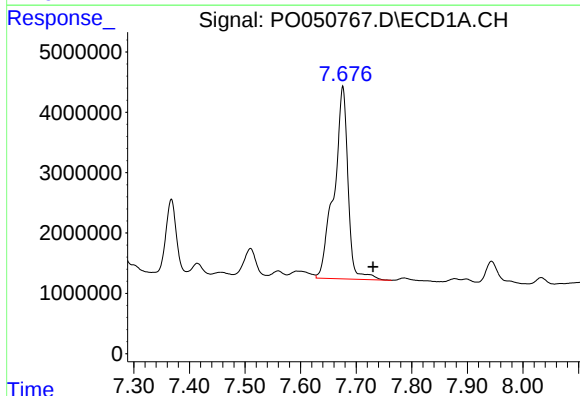
R.T.: 8.266 min
Delta R.T.: -0.002 min
Response: 1741100
Conc: 39.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



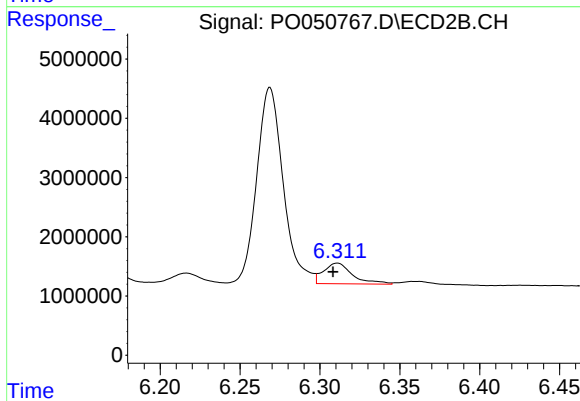
#35 AR-1260-5

R.T.: 6.792 min
Delta R.T.: -0.003 min
Response: 2257693
Conc: 43.45 ng/ml



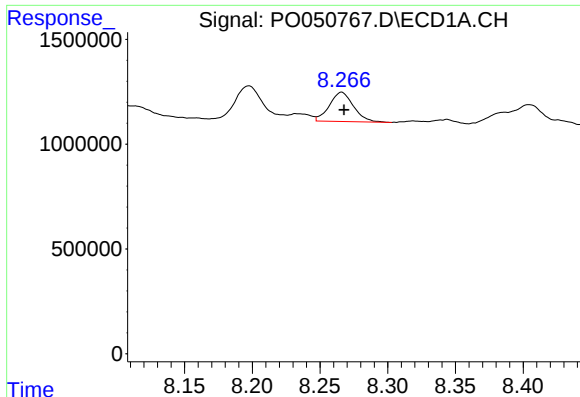
#36 AR-1262-1

R.T.: 7.676 min
Delta R.T.: -0.054 min
Response: 55702065
Conc: 2257.84 ng/ml



#36 AR-1262-1

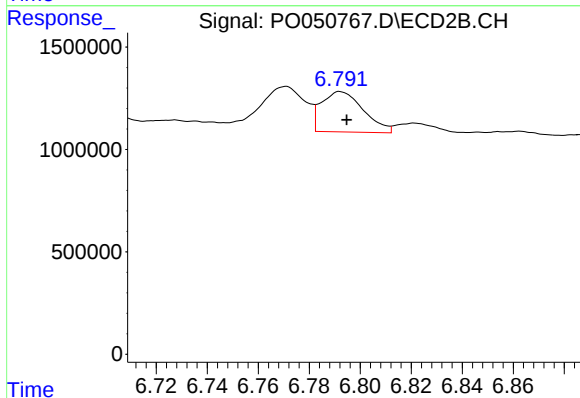
R.T.: 6.311 min
Delta R.T.: 0.003 min
Response: 4431851
Conc: 157.49 ng/ml



#37 AR-1262-2

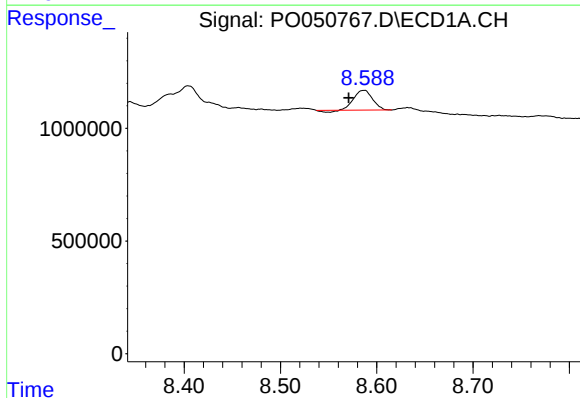
R.T.: 8.266 min
Delta R.T.: -0.002 min
Response: 1741100
Conc: 44.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



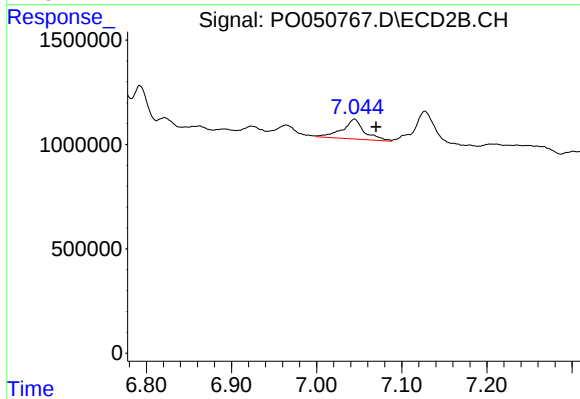
#37 AR-1262-2

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 2257693
Conc: 50.26 ng/ml



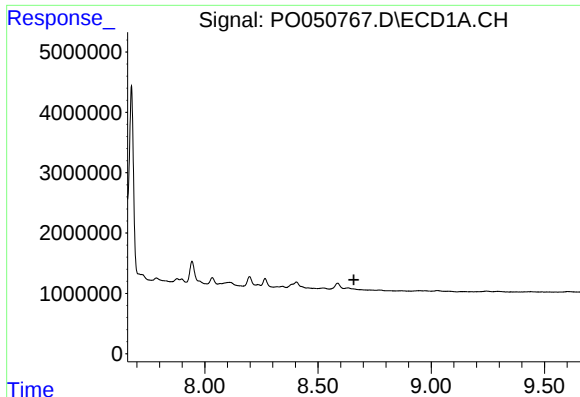
#38 AR-1262-3

R.T.: 8.587 min
Delta R.T.: 0.016 min
Response: 1152493
Conc: 45.62 ng/ml



#38 AR-1262-3

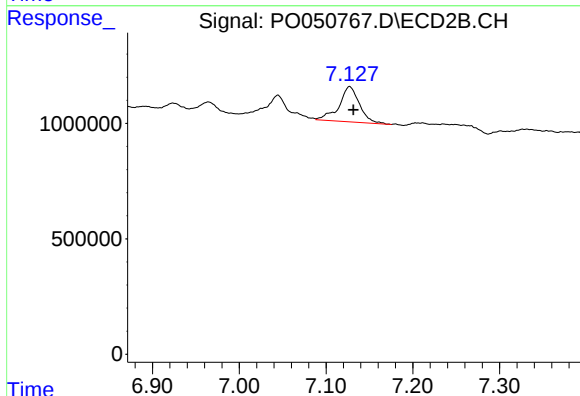
R.T.: 7.045 min
Delta R.T.: -0.025 min
Response: 1726821
Conc: 96.18 ng/ml



#39 AR-1262-4

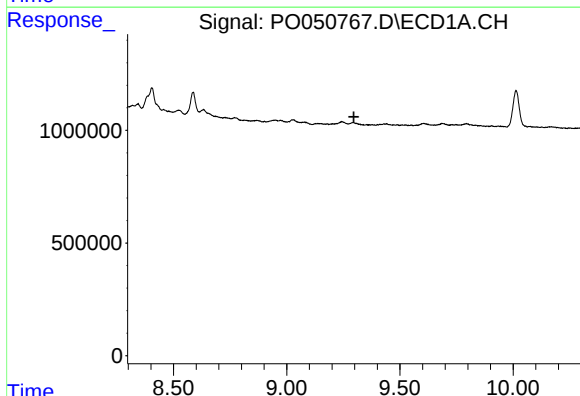
R.T.: 0.000 min
Exp R.T. : 8.658 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



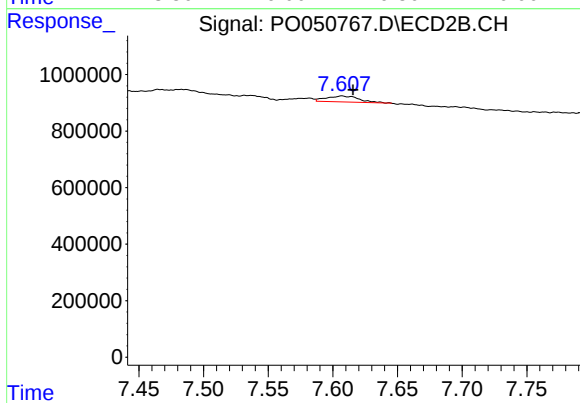
#39 AR-1262-4

R.T.: 7.127 min
Delta R.T.: -0.005 min
Response: 2475502
Conc: 84.14 ng/ml



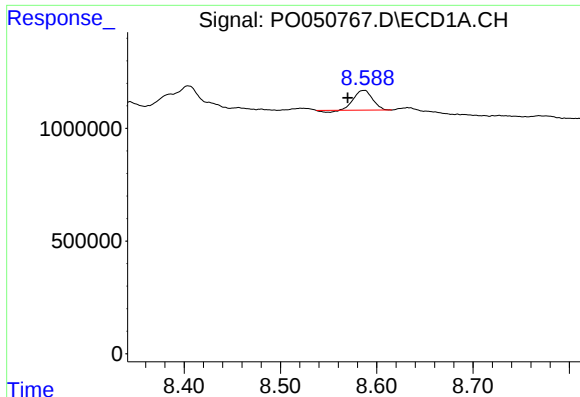
#40 AR-1262-5

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



#40 AR-1262-5

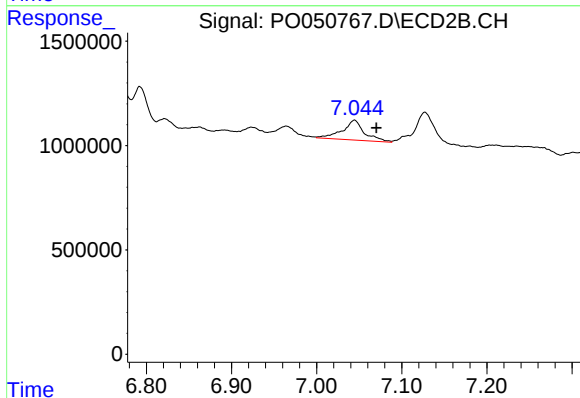
R.T.: 7.607 min
Delta R.T.: -0.009 min
Response: 350447
Conc: 30.20 ng/ml



#41 AR-1268-1

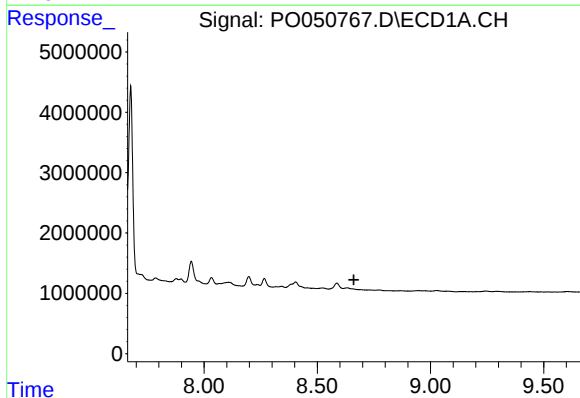
R.T.: 8.587 min
Delta R.T.: 0.017 min
Response: 1152493
Conc: 22.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



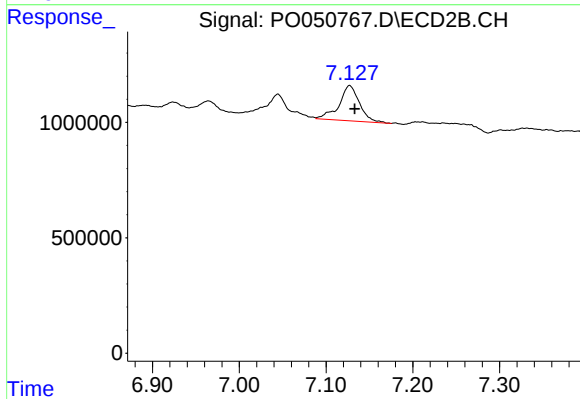
#41 AR-1268-1

R.T.: 7.045 min
Delta R.T.: -0.026 min
Response: 1726821
Conc: 31.35 ng/ml



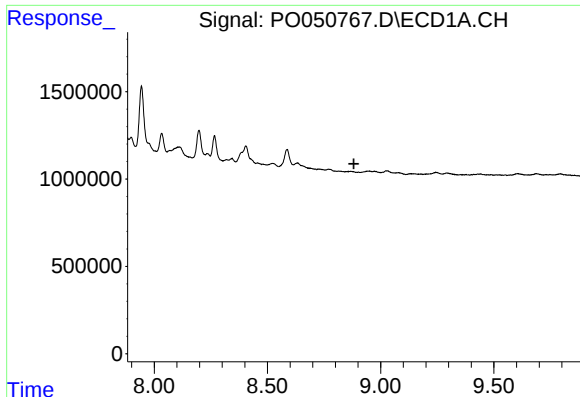
#42 AR-1268-2

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



#42 AR-1268-2

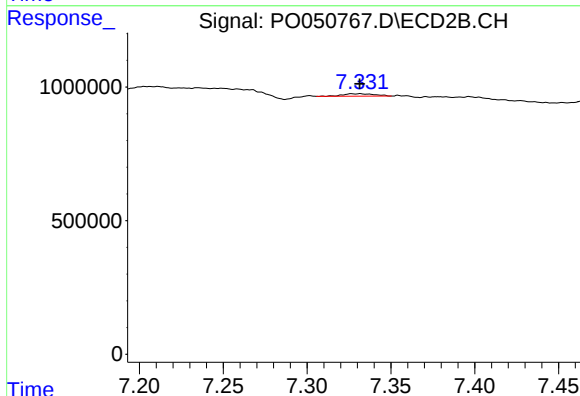
R.T.: 7.127 min
Delta R.T.: -0.006 min
Response: 2475502
Conc: 51.93 ng/ml



#43 AR-1268-3

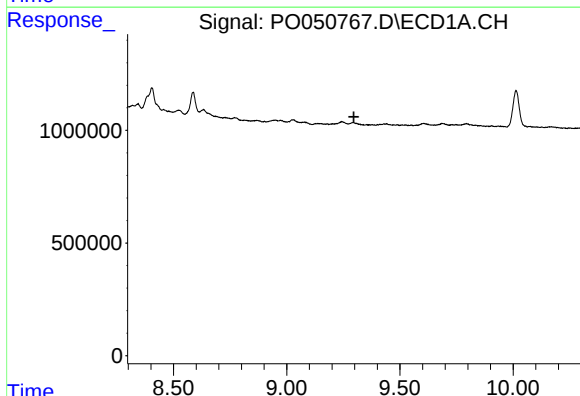
R.T.: 0.000 min
Exp R.T. : 8.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



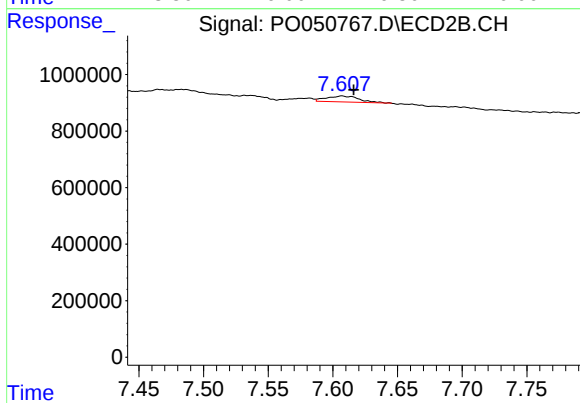
#43 AR-1268-3

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 116535
Conc: 2.71 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: 350447
Conc: 25.08 ng/ml