

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103018\
 Data File : PO050772.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Oct 2018 18:18
 Operator : SM/SJ
 Sample : J5611-04
 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: Oct 31 00:58:52 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	3.349	11373168	4404586	22.753	20.265
2)	SA Decachlor...	10.011	8.094	4758619	3354173	15.310	13.113
Target Compounds							
3)	L1 AR-1016-1	5.457	4.369	1152125	665052	60.398	72.369
4)	L1 AR-1016-2	0.000	4.369	0	665052	N.D.	42.917 #
5)	L1 AR-1016-3	0.000	4.543	0	98984	N.D.	12.358 #
6)	L1 AR-1016-4	0.000	4.543	0	98984	N.D.	16.268 #
7)	L1 AR-1016-5	5.999	4.809	490055	726137	36.322	84.145 #
8)	L2 AR-1221-1	0.000	3.554	0	32490	N.D.	19.221 #
12)	L3 AR-1232-2	0.000	4.369	0	665052	N.D.	139.026 #
13)	L3 AR-1232-3	0.000	4.543	0	98984	N.D.	37.959 #
14)	L3 AR-1232-4	0.000	4.638	0	942532	N.D.	422.800 #
15)	L3 AR-1232-5	5.798	4.765	633405	726814	213.419	273.267 #
16)	L4 AR-1242-1	5.457	4.369	1152125	665052	91.407	113.319
17)	L4 AR-1242-2	0.000	4.369	0	665052	N.D.	66.569 #
18)	L4 AR-1242-3	0.000	4.543	0	98984	N.D.	19.602 #
19)	L4 AR-1242-4	0.000	4.638	0	942532	N.D.	197.308 #
20)	L4 AR-1242-5	6.403	5.121	660428	867205	70.803	134.607 #
21)	L5 AR-1248-1	5.457	4.369	1152125	665052	118.557	144.155
22)	L5 AR-1248-2	5.798	4.543	633405	98984	48.899	14.212 #
23)	L5 AR-1248-3	5.999	4.638	490055	942532	32.378	134.837 #
24)	L5 AR-1248-4	6.403	4.809	660428	726137	39.615	77.818 #
25)	L5 AR-1248-5	6.403	5.165	660428	271914	42.305	28.281 #
26)	L6 AR-1254-1	6.403	5.121	660428	867205	30.076	45.229 #
27)	L6 AR-1254-2	6.585	5.259	2296779	1966027	67.932	113.255 #
28)	L6 AR-1254-3	6.958	5.643	3365955	5970025	96.659	210.924 #
29)	L6 AR-1254-4	7.234	5.859	586737	1754407	25.367	99.258 #
30)	L6 AR-1254-5	7.674	6.269	24473637	16260356	996.800	608.176 #
31)	L7 AR-1260-1	7.112	5.769	714516	5181810	27.774	250.623 #
32)	L7 AR-1260-2	7.364	5.953	8039737	1808186	271.774	62.969 #
33)	L7 AR-1260-3	7.674	6.096	24473637	940104	1154.777	38.122 #
34)	L7 AR-1260-4	7.946	6.552	1029759	1076238	45.001	52.180
35)	L7 AR-1260-5	8.265	6.791	869335	2407882	19.737	46.339 #
36)	L8 AR-1262-1	7.674	6.311	24473637	2425132	992.022	86.182 #
37)	L8 AR-1262-2	8.265	6.791	869335	2407882	22.212	53.601 #
38)	L8 AR-1262-3	8.582	7.065	617173	1474400	24.429	82.120 #
39)	L8 AR-1262-4	0.000	7.128	0	2738707	N.D.	93.091 #
40)	L8 AR-1262-5	0.000	7.610	0	357401	N.D.	30.796 #
41)	L9 AR-1268-1	8.582	7.065	617173	1474400	12.233	26.770 #
42)	L9 AR-1268-2	0.000	7.128	0	2738707	N.D.	57.456 #
43)	L9 AR-1268-3	0.000	7.330	0	106812	N.D.	2.479 #
44)	L9 AR-1268-4	0.000	7.610	0	357401	N.D.	25.583 #

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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
45) L9	AR-1268-5	0.000	7.878	0	115308	N.D.	1.150 #

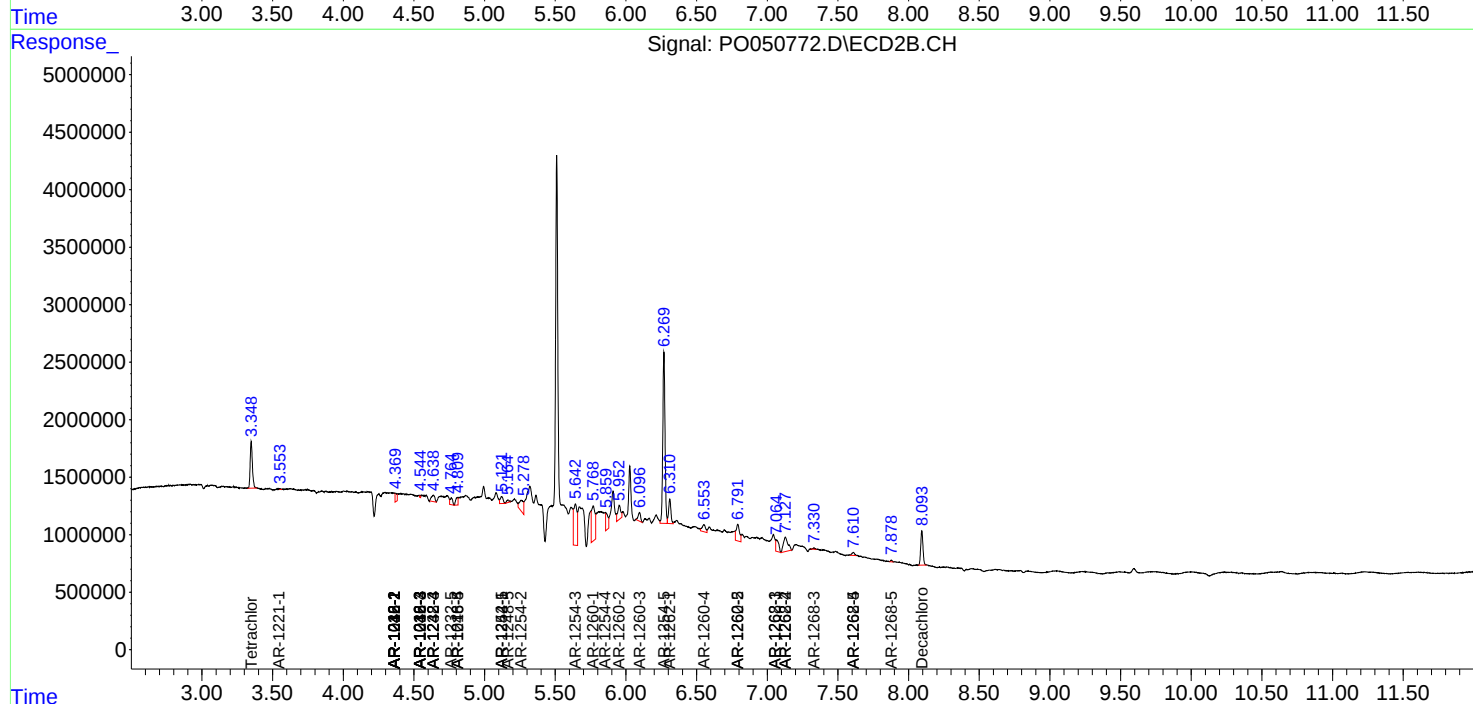
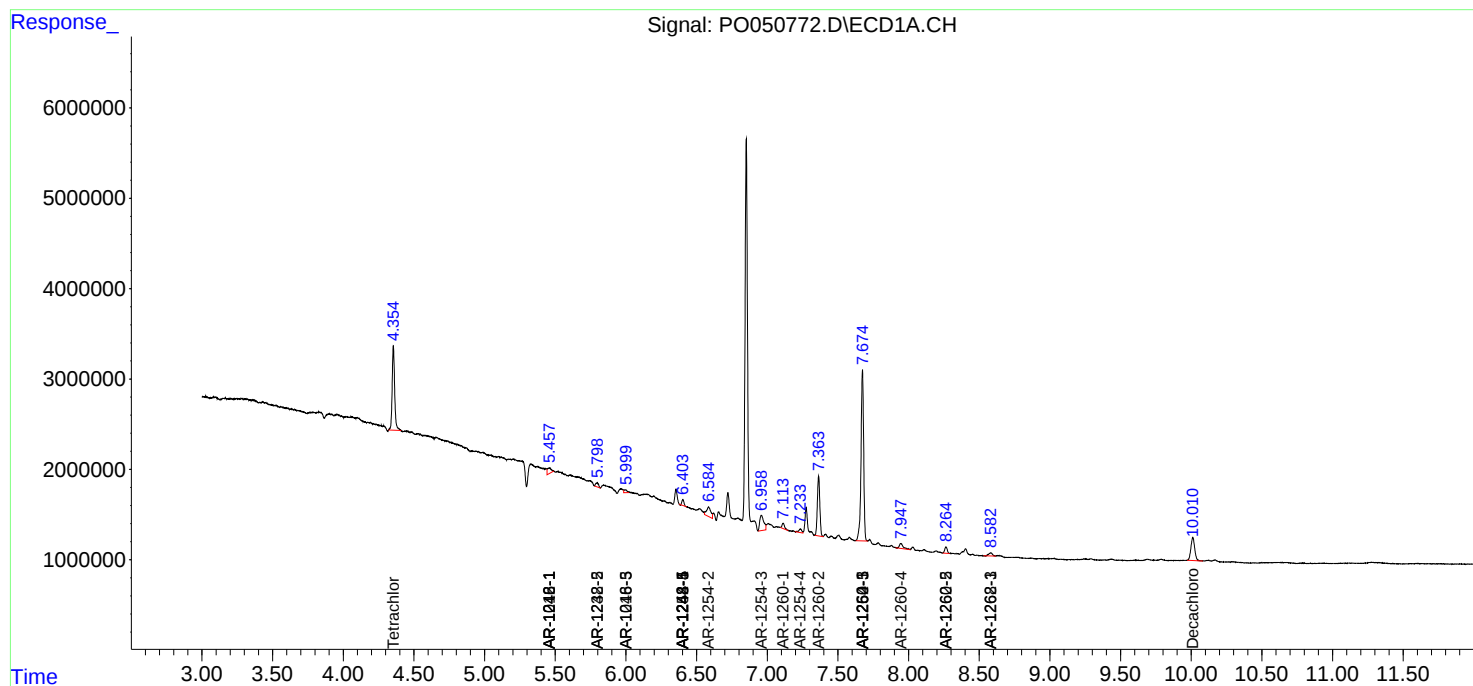
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

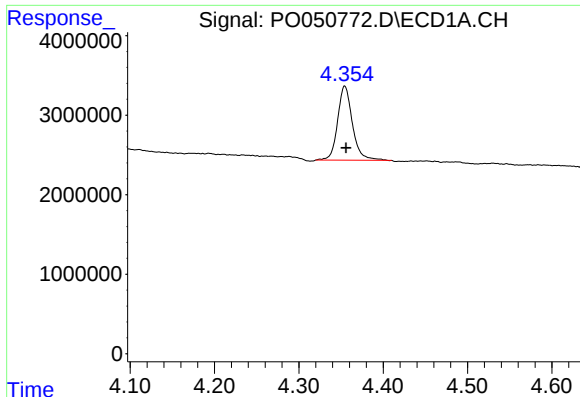
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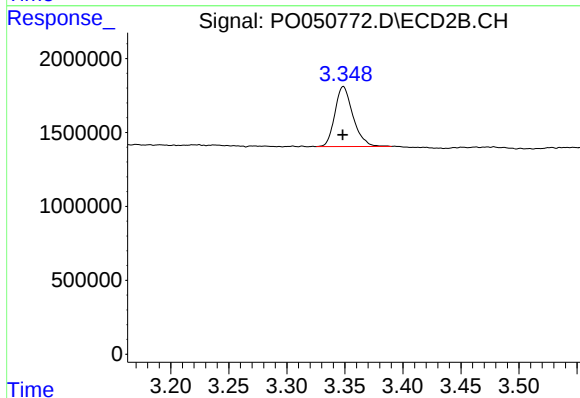




#1 Tetrachloro-m-xylene

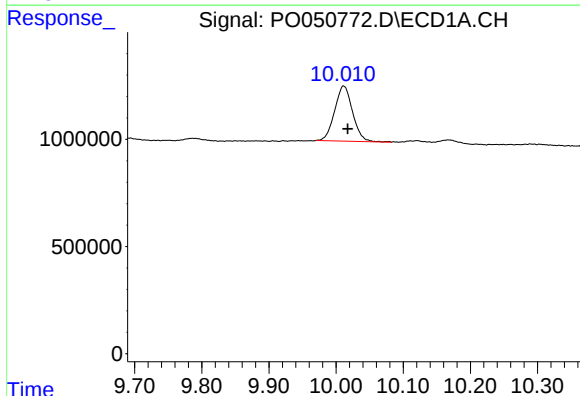
R.T.: 4.354 min
Delta R.T.: -0.002 min
Response: 11373168
Conc: 22.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



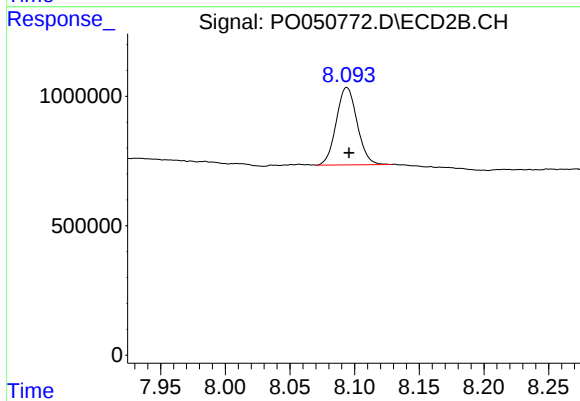
#1 Tetrachloro-m-xylene

R.T.: 3.349 min
Delta R.T.: 0.000 min
Response: 4404586
Conc: 20.26 ng/ml



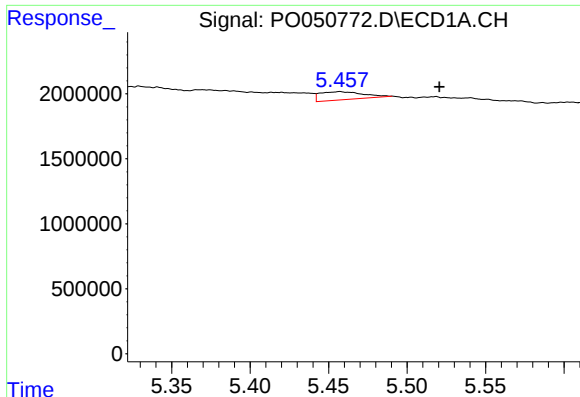
#2 Decachlorobiphenyl

R.T.: 10.011 min
Delta R.T.: -0.006 min
Response: 4758619
Conc: 15.31 ng/ml



#2 Decachlorobiphenyl

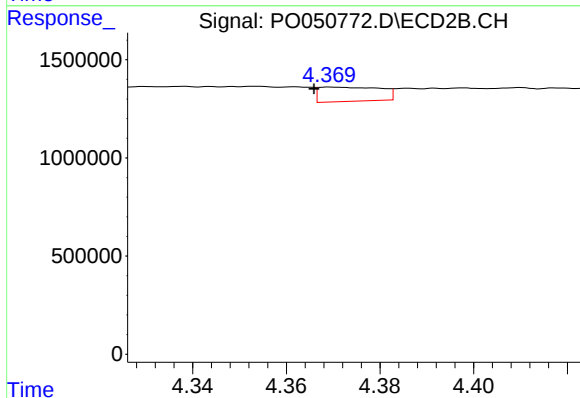
R.T.: 8.094 min
Delta R.T.: -0.002 min
Response: 3354173
Conc: 13.11 ng/ml



#3 AR-1016-1

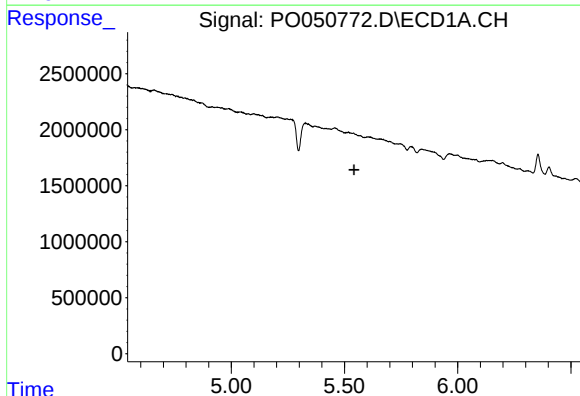
R.T.: 5.457 min
Delta R.T.: -0.063 min
Response: 1152125
Conc: 60.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



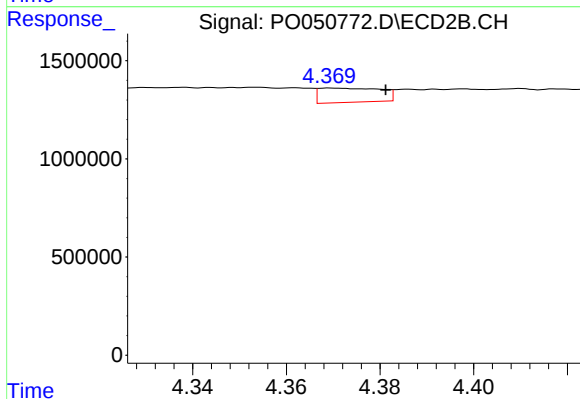
#3 AR-1016-1

R.T.: 4.369 min
Delta R.T.: 0.003 min
Response: 665052
Conc: 72.37 ng/ml



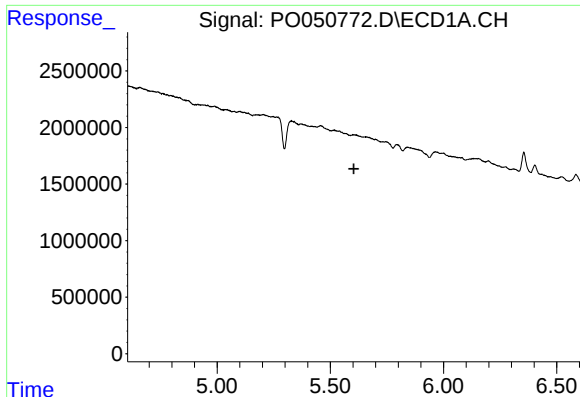
#4 AR-1016-2

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



#4 AR-1016-2

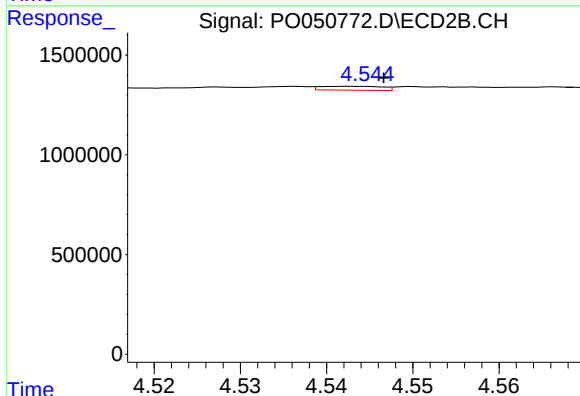
R.T.: 4.369 min
Delta R.T.: -0.012 min
Response: 665052
Conc: 42.92 ng/ml



#5 AR-1016-3

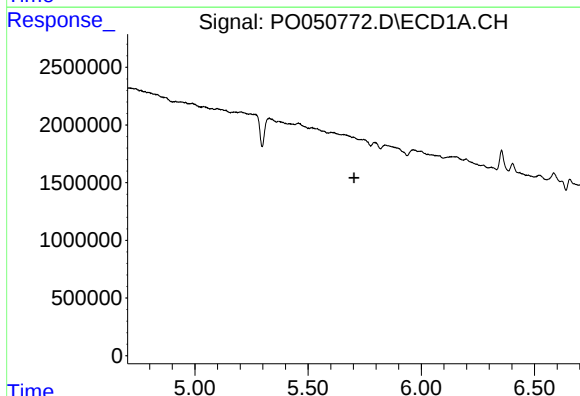
R.T.: 0.000 min
Exp R.T.: 5.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



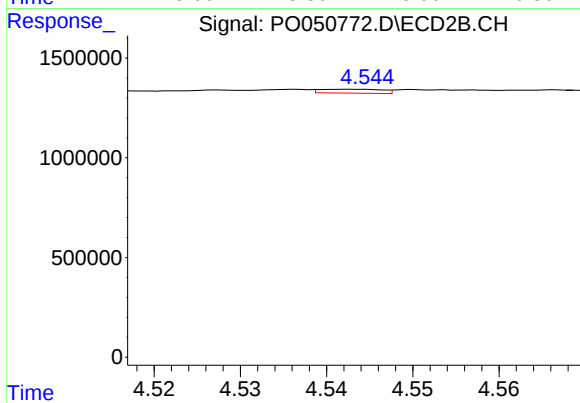
#5 AR-1016-3

R.T.: 4.543 min
Delta R.T.: -0.004 min
Response: 98984
Conc: 12.36 ng/ml



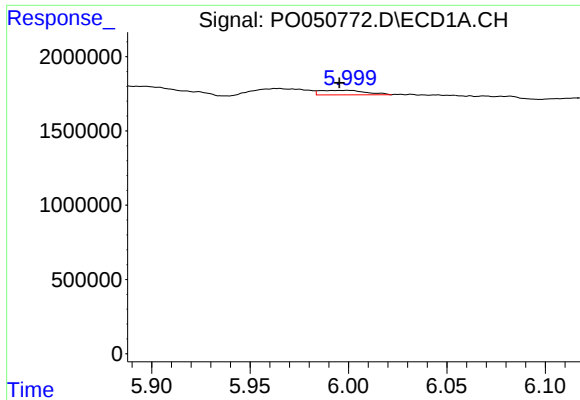
#6 AR-1016-4

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



#6 AR-1016-4

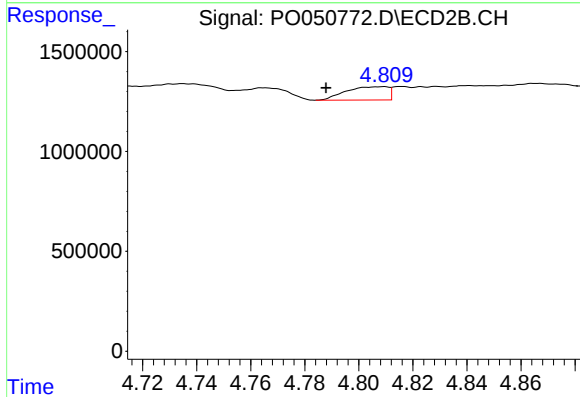
R.T.: 4.543 min
Delta R.T.: -0.046 min
Response: 98984
Conc: 16.27 ng/ml



#7 AR-1016-5

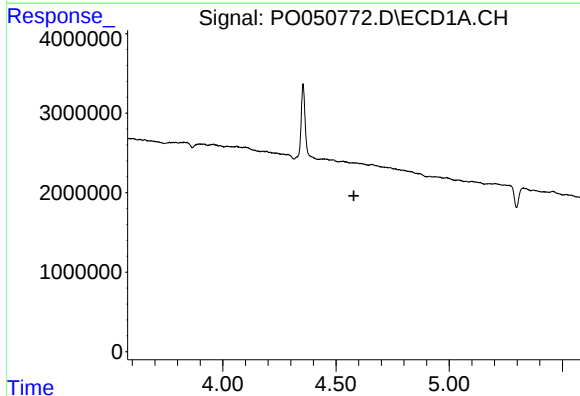
R.T.: 5.999 min
Delta R.T.: 0.004 min
Response: 490055
Conc: 36.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



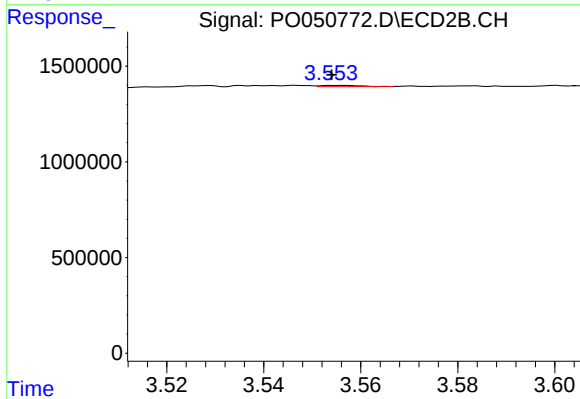
#7 AR-1016-5

R.T.: 4.809 min
Delta R.T.: 0.021 min
Response: 726137
Conc: 84.15 ng/ml



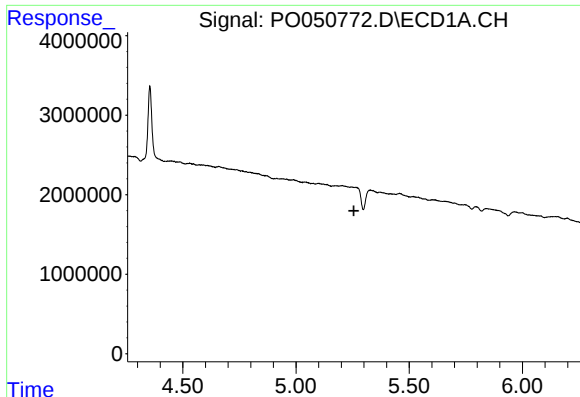
#8 AR-1221-1

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



#8 AR-1221-1

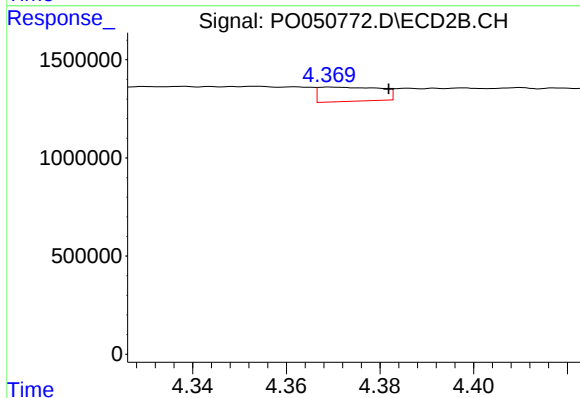
R.T.: 3.554 min
Delta R.T.: 0.000 min
Response: 32490
Conc: 19.22 ng/ml



#12 AR-1232-2

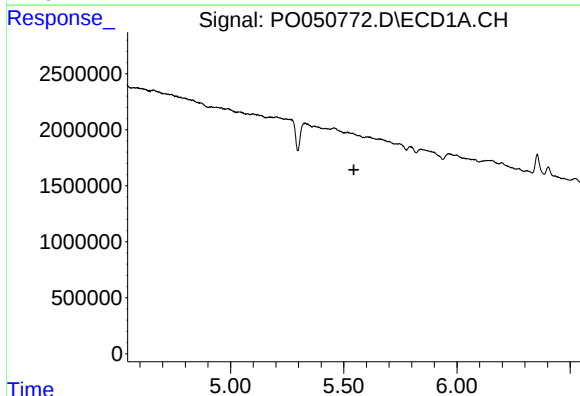
R.T.: 0.000 min
Exp R.T.: 5.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



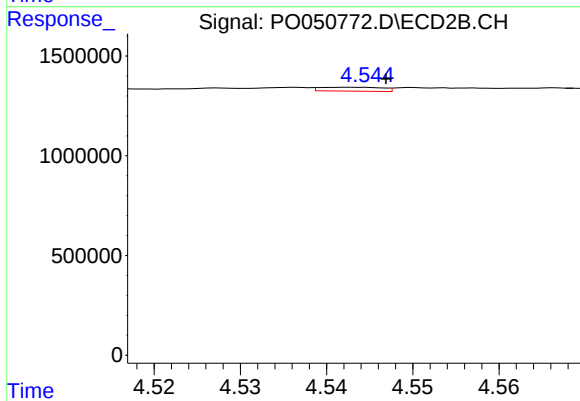
#12 AR-1232-2

R.T.: 4.369 min
Delta R.T.: -0.012 min
Response: 665052
Conc: 139.03 ng/ml



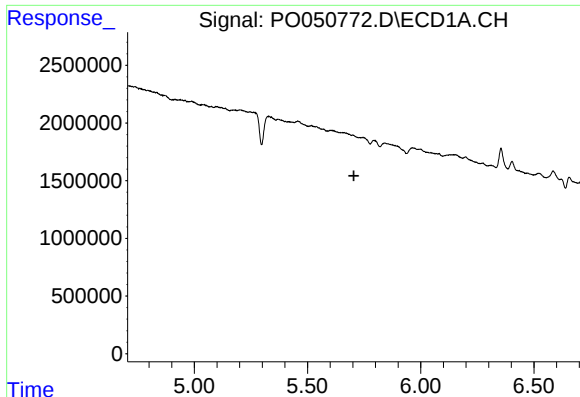
#13 AR-1232-3

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



#13 AR-1232-3

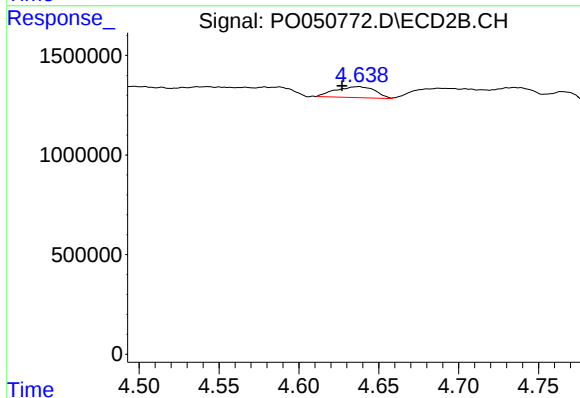
R.T.: 4.543 min
Delta R.T.: -0.004 min
Response: 98984
Conc: 37.96 ng/ml



#14 AR-1232-4

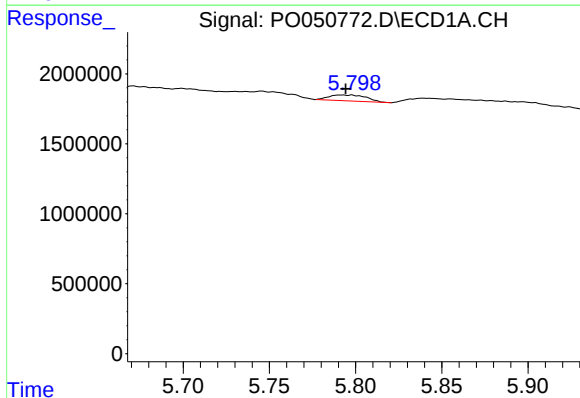
R.T.: 0.000 min
Exp R.T.: 5.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



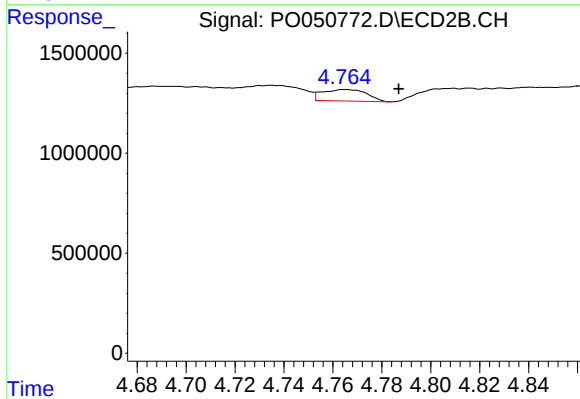
#14 AR-1232-4

R.T.: 4.638 min
Delta R.T.: 0.011 min
Response: 942532
Conc: 422.80 ng/ml



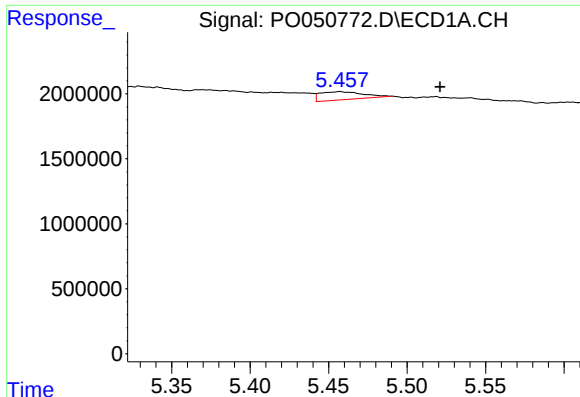
#15 AR-1232-5

R.T.: 5.798 min
Delta R.T.: 0.003 min
Response: 633405
Conc: 213.42 ng/ml



#15 AR-1232-5

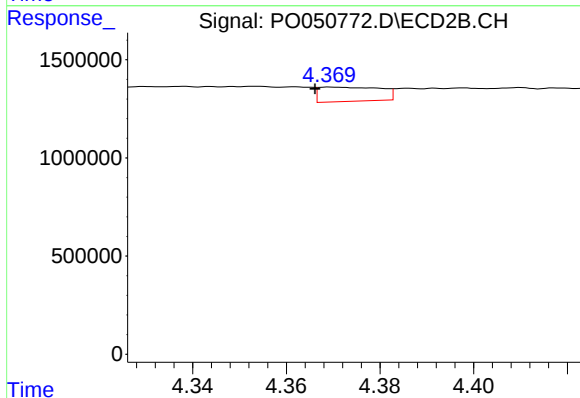
R.T.: 4.765 min
Delta R.T.: -0.022 min
Response: 726814
Conc: 273.27 ng/ml



#16 AR-1242-1

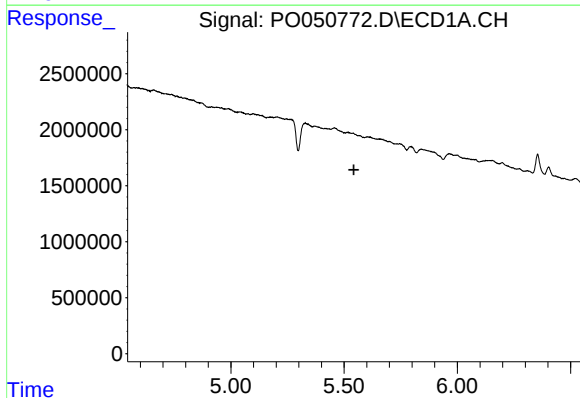
R.T.: 5.457 min
Delta R.T.: -0.064 min
Response: 1152125
Conc: 91.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



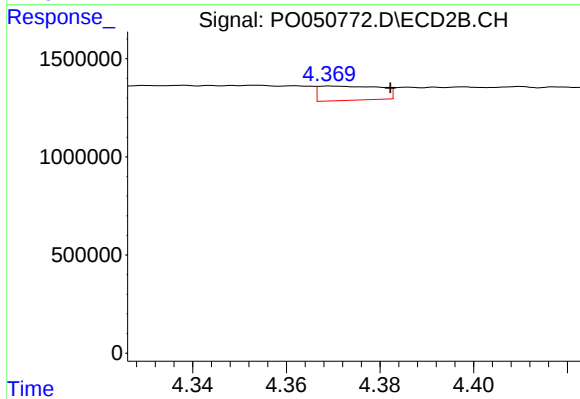
#16 AR-1242-1

R.T.: 4.369 min
Delta R.T.: 0.003 min
Response: 665052
Conc: 113.32 ng/ml



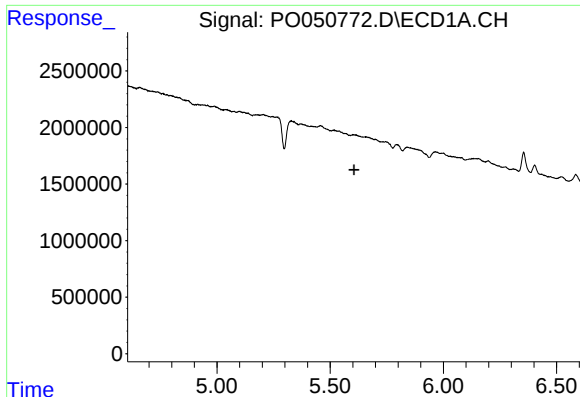
#17 AR-1242-2

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



#17 AR-1242-2

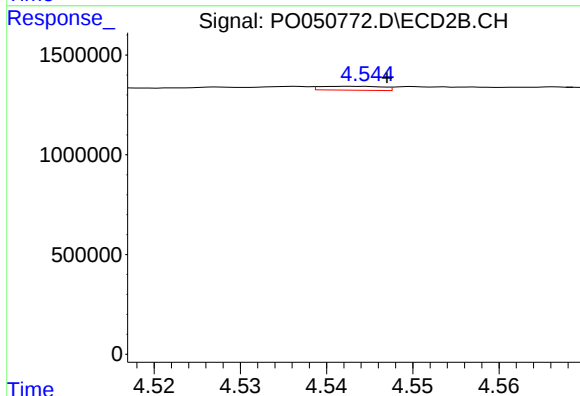
R.T.: 4.369 min
Delta R.T.: -0.013 min
Response: 665052
Conc: 66.57 ng/ml



#18 AR-1242-3

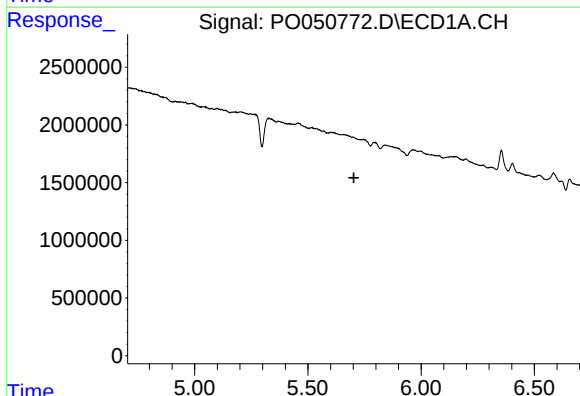
R.T.: 0.000 min
Exp R.T.: 5.605 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



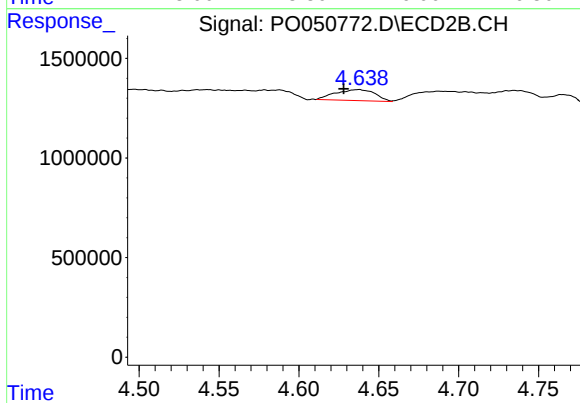
#18 AR-1242-3

R.T.: 4.543 min
Delta R.T.: -0.004 min
Response: 98984
Conc: 19.60 ng/ml



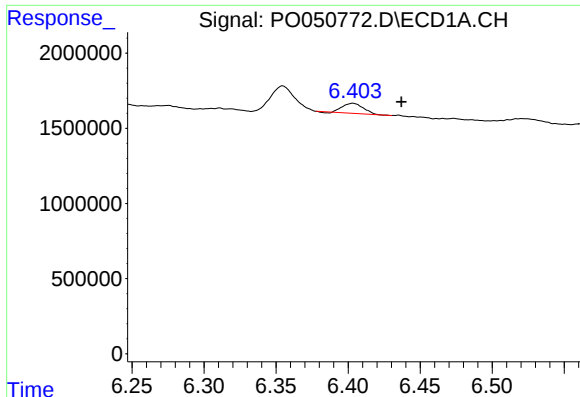
#19 AR-1242-4

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



#19 AR-1242-4

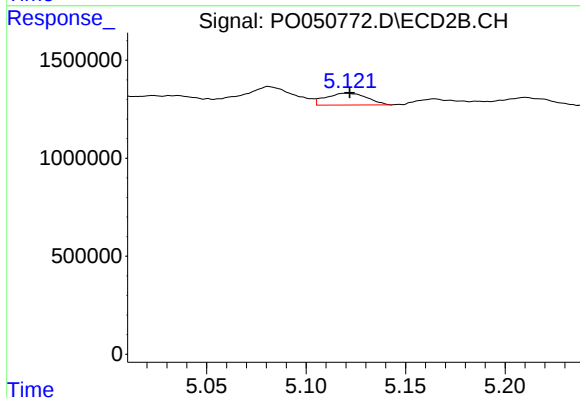
R.T.: 4.638 min
Delta R.T.: 0.010 min
Response: 942532
Conc: 197.31 ng/ml



#20 AR-1242-5

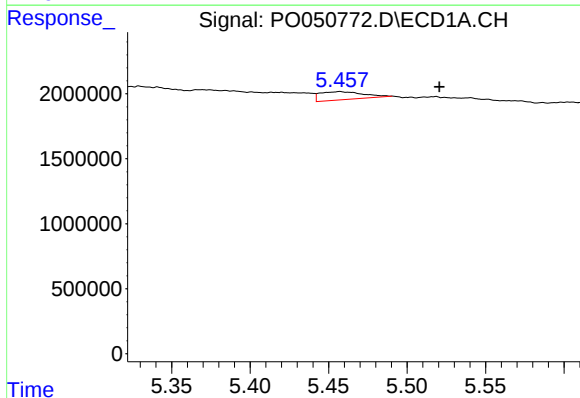
R.T.: 6.403 min
Delta R.T.: -0.034 min
Response: 660428
Conc: 70.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



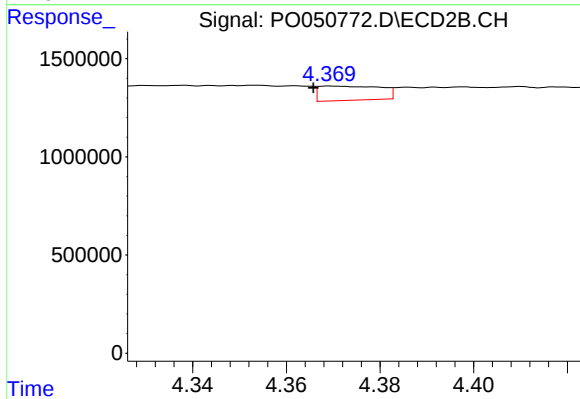
#20 AR-1242-5

R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 867205
Conc: 134.61 ng/ml



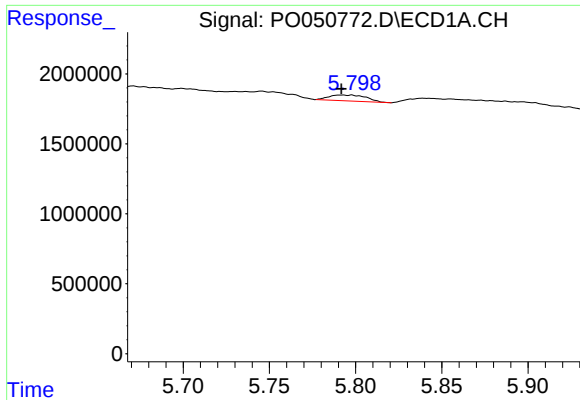
#21 AR-1248-1

R.T.: 5.457 min
Delta R.T.: -0.063 min
Response: 1152125
Conc: 118.56 ng/ml



#21 AR-1248-1

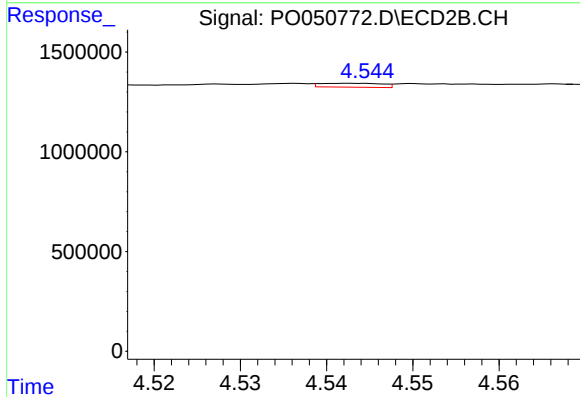
R.T.: 4.369 min
Delta R.T.: 0.004 min
Response: 665052
Conc: 144.15 ng/ml



#22 AR-1248-2

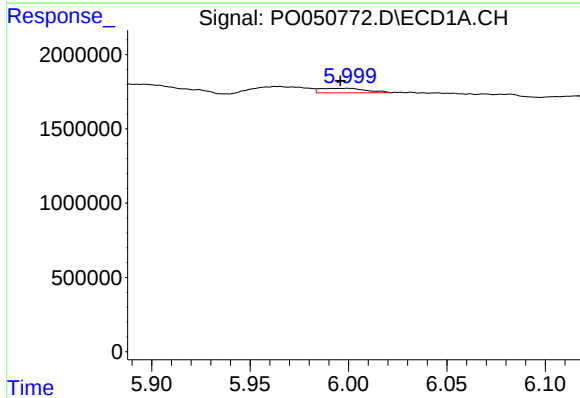
R.T.: 5.798 min
Delta R.T.: 0.006 min
Response: 633405
Conc: 48.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



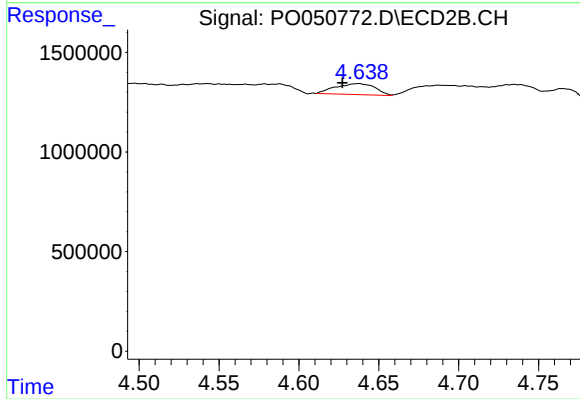
#22 AR-1248-2

R.T.: 4.543 min
Delta R.T.: -0.046 min
Response: 98984
Conc: 14.21 ng/ml



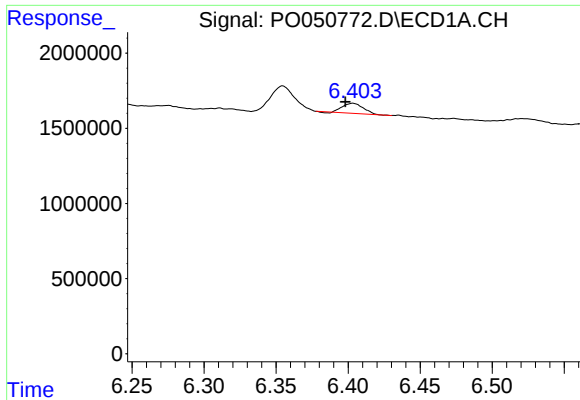
#23 AR-1248-3

R.T.: 5.999 min
Delta R.T.: 0.004 min
Response: 490055
Conc: 32.38 ng/ml



#23 AR-1248-3

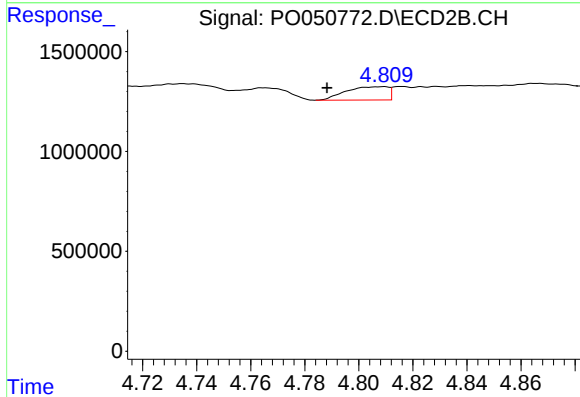
R.T.: 4.638 min
Delta R.T.: 0.011 min
Response: 942532
Conc: 134.84 ng/ml



#24 AR-1248-4

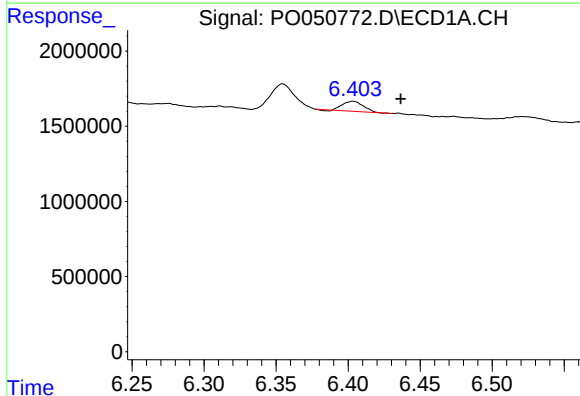
R.T.: 6.403 min
Delta R.T.: 0.005 min
Response: 660428
Conc: 39.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



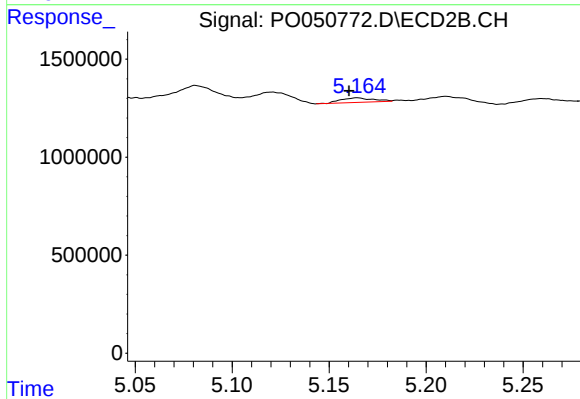
#24 AR-1248-4

R.T.: 4.809 min
Delta R.T.: 0.021 min
Response: 726137
Conc: 77.82 ng/ml



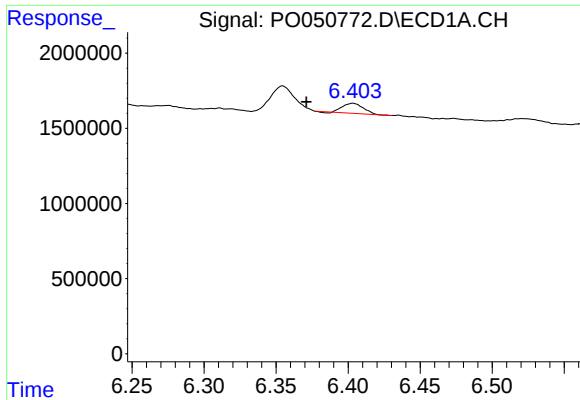
#25 AR-1248-5

R.T.: 6.403 min
Delta R.T.: -0.033 min
Response: 660428
Conc: 42.31 ng/ml



#25 AR-1248-5

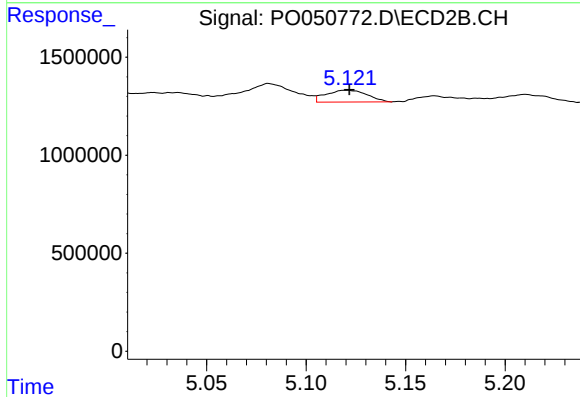
R.T.: 5.165 min
Delta R.T.: 0.004 min
Response: 271914
Conc: 28.28 ng/ml



#26 AR-1254-1

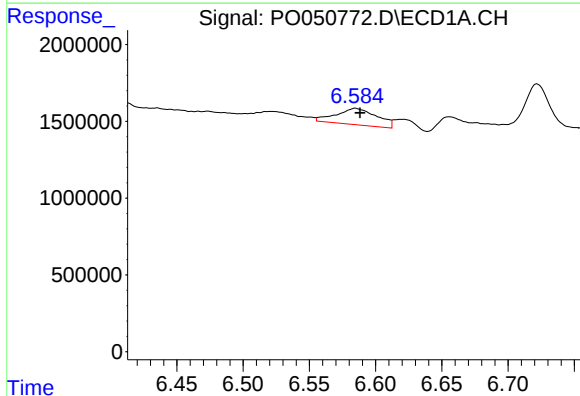
R.T.: 6.403 min
Delta R.T.: 0.032 min
Response: 660428
Conc: 30.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



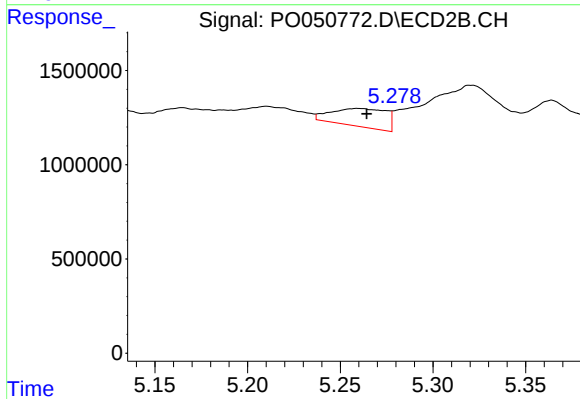
#26 AR-1254-1

R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 867205
Conc: 45.23 ng/ml



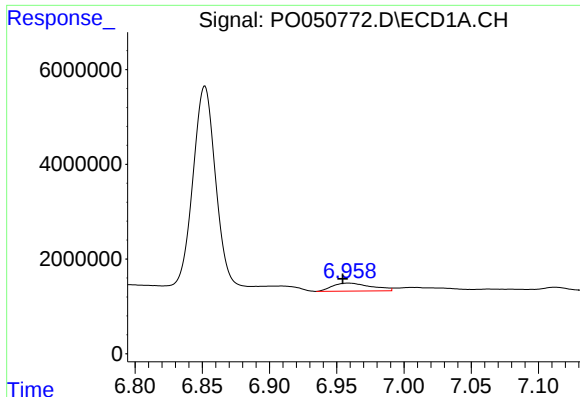
#27 AR-1254-2

R.T.: 6.585 min
Delta R.T.: -0.004 min
Response: 2296779
Conc: 67.93 ng/ml



#27 AR-1254-2

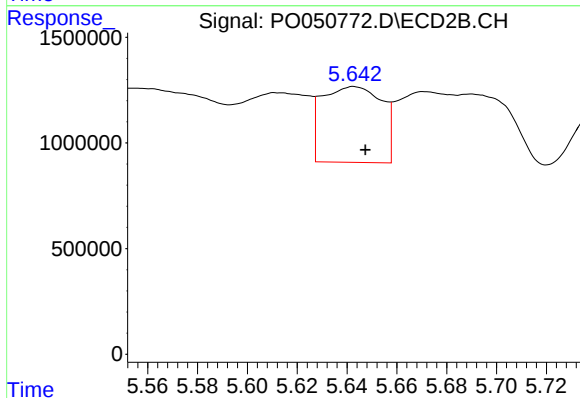
R.T.: 5.259 min
Delta R.T.: -0.005 min
Response: 1966027
Conc: 113.25 ng/ml



#28 AR-1254-3

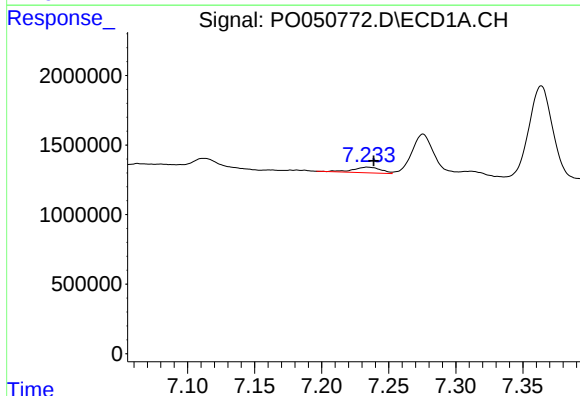
R.T.: 6.958 min
Delta R.T.: 0.004 min
Response: 3365955
Conc: 96.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



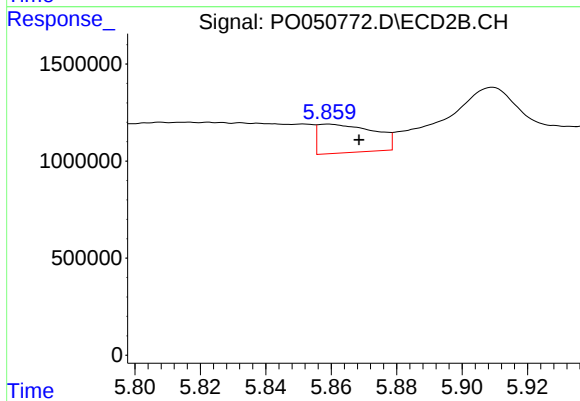
#28 AR-1254-3

R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 5970025
Conc: 210.92 ng/ml



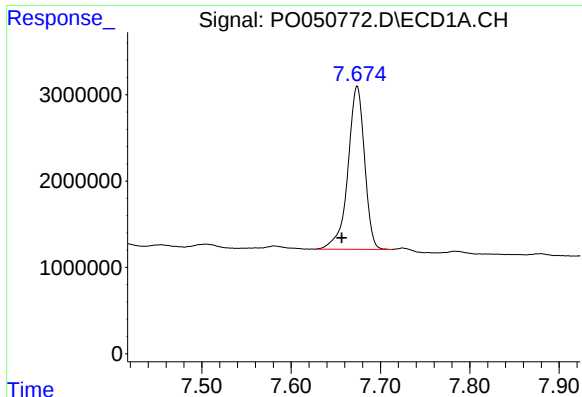
#29 AR-1254-4

R.T.: 7.234 min
Delta R.T.: -0.005 min
Response: 586737
Conc: 25.37 ng/ml



#29 AR-1254-4

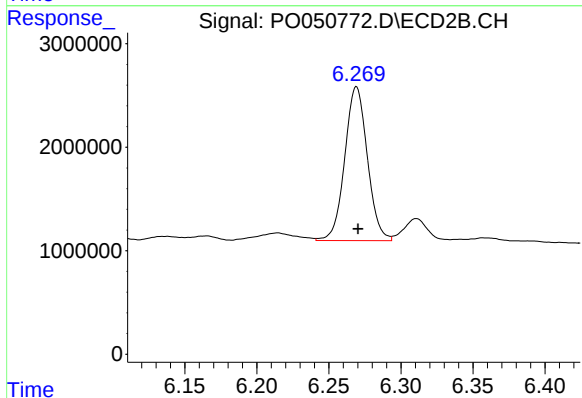
R.T.: 5.859 min
Delta R.T.: -0.010 min
Response: 1754407
Conc: 99.26 ng/ml



#30 AR-1254-5

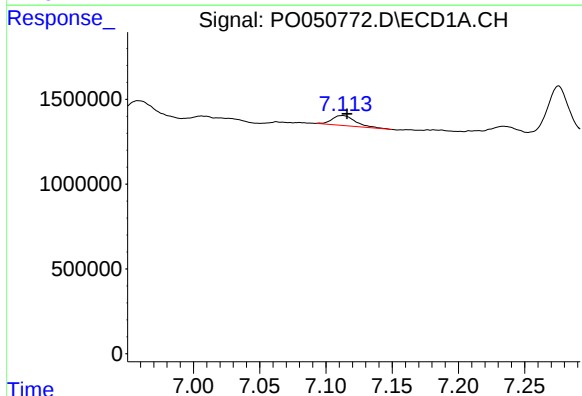
R.T.: 7.674 min
Delta R.T.: 0.017 min
Response: 24473637
Conc: 996.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



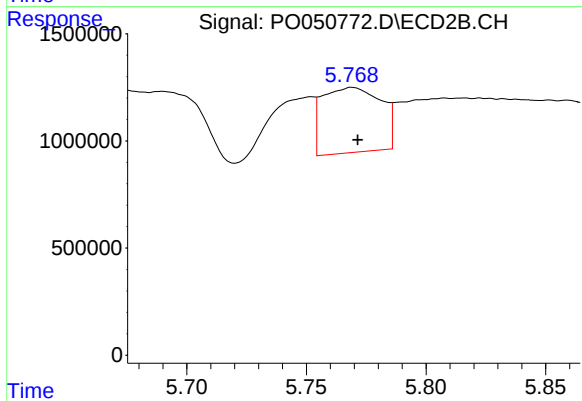
#30 AR-1254-5

R.T.: 6.269 min
Delta R.T.: -0.001 min
Response: 16260356
Conc: 608.18 ng/ml



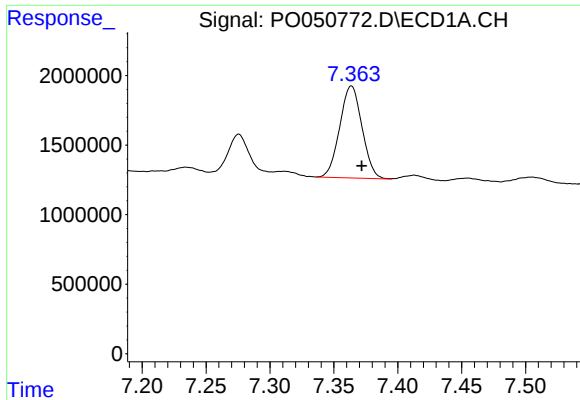
#31 AR-1260-1

R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 714516
Conc: 27.77 ng/ml



#31 AR-1260-1

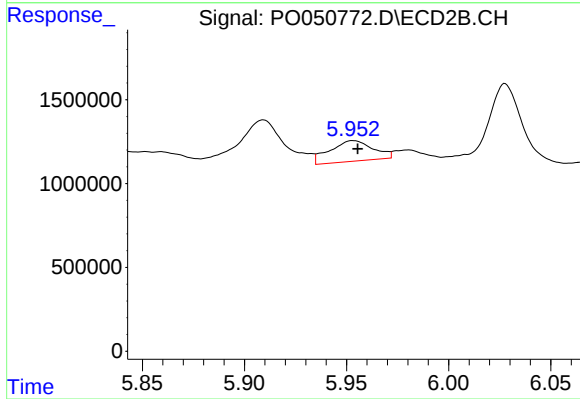
R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 5181810
Conc: 250.62 ng/ml



#32 AR-1260-2

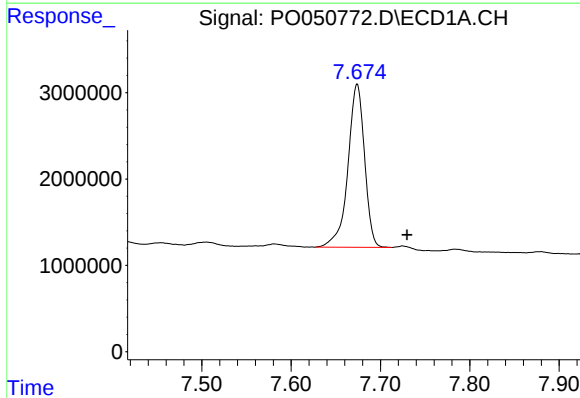
R.T.: 7.364 min
Delta R.T.: -0.008 min
Response: 8039737
Conc: 271.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



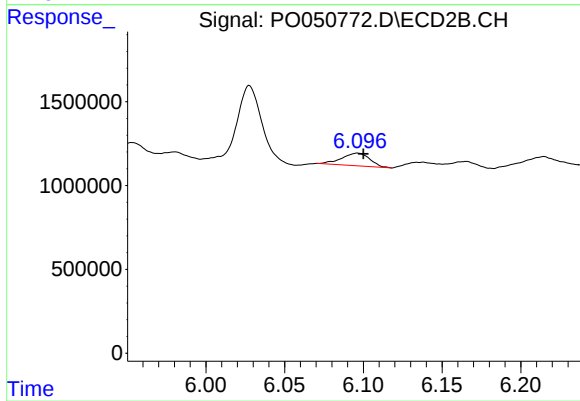
#32 AR-1260-2

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 1808186
Conc: 62.97 ng/ml



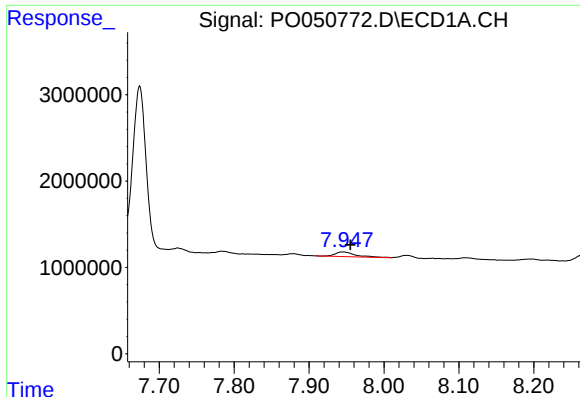
#33 AR-1260-3

R.T.: 7.674 min
Delta R.T.: -0.056 min
Response: 24473637
Conc: 1154.78 ng/ml



#33 AR-1260-3

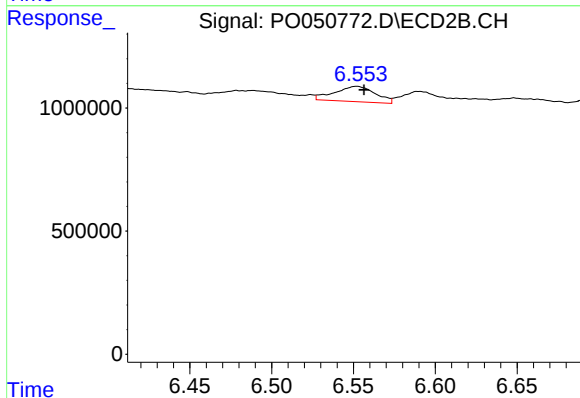
R.T.: 6.096 min
Delta R.T.: -0.004 min
Response: 940104
Conc: 38.12 ng/ml



#34 AR-1260-4

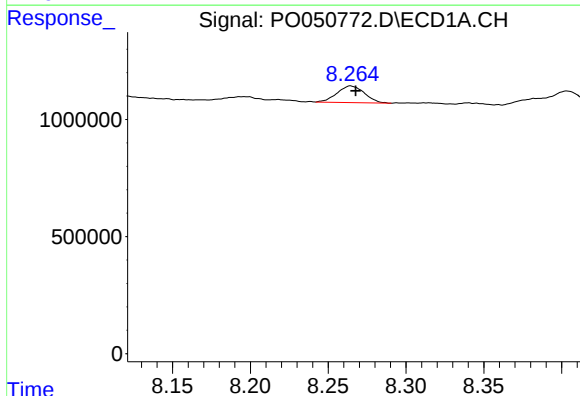
R.T.: 7.946 min
Delta R.T.: -0.009 min
Response: 1029759
Conc: 45.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



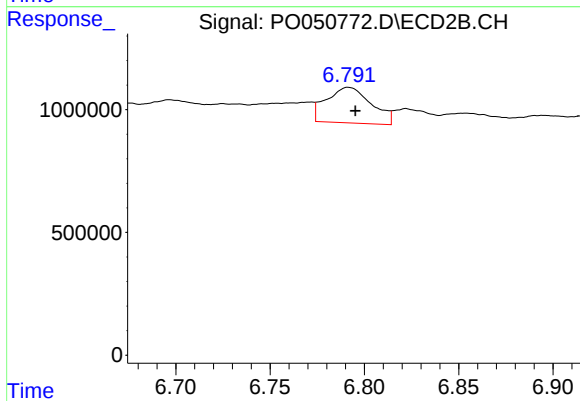
#34 AR-1260-4

R.T.: 6.552 min
Delta R.T.: -0.004 min
Response: 1076238
Conc: 52.18 ng/ml



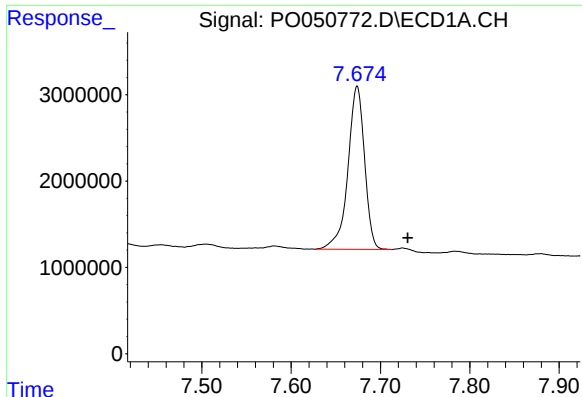
#35 AR-1260-5

R.T.: 8.265 min
Delta R.T.: -0.003 min
Response: 869335
Conc: 19.74 ng/ml



#35 AR-1260-5

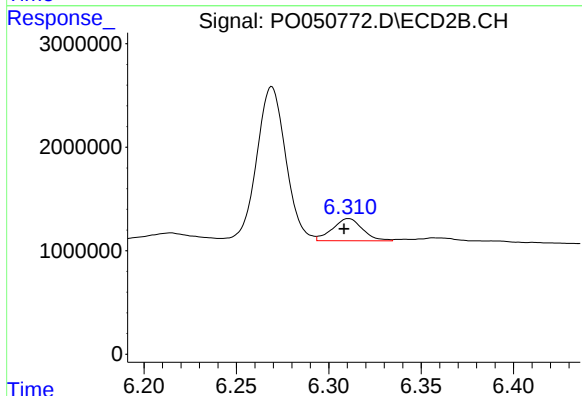
R.T.: 6.791 min
Delta R.T.: -0.004 min
Response: 2407882
Conc: 46.34 ng/ml



#36 AR-1262-1

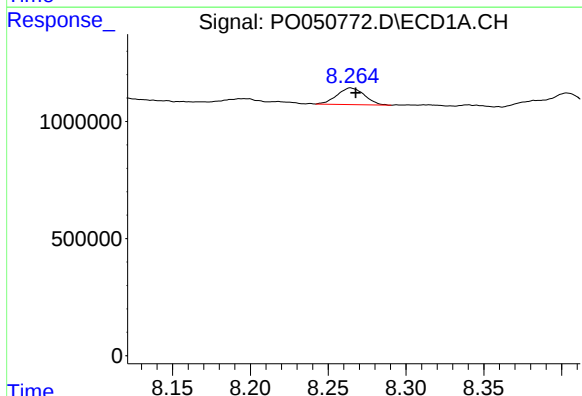
R.T.: 7.674 min
Delta R.T.: -0.056 min
Response: 24473637
Conc: 992.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



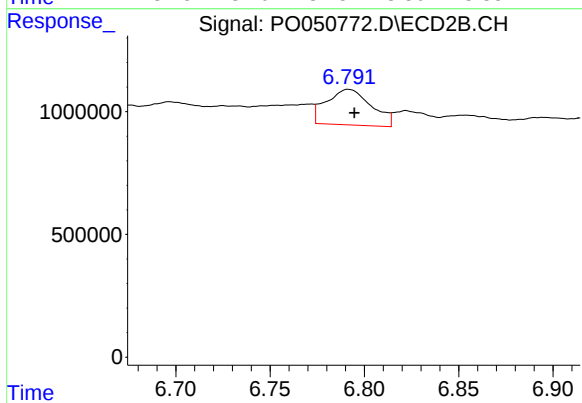
#36 AR-1262-1

R.T.: 6.311 min
Delta R.T.: 0.002 min
Response: 2425132
Conc: 86.18 ng/ml



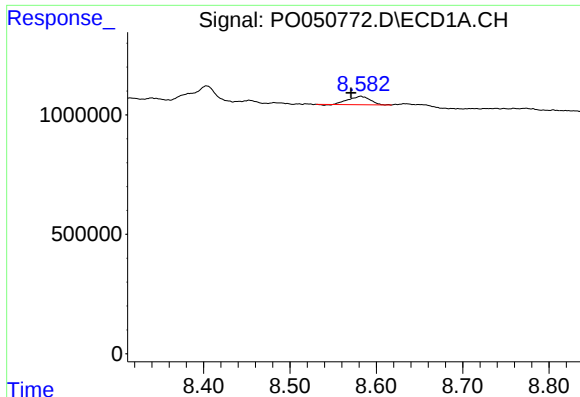
#37 AR-1262-2

R.T.: 8.265 min
Delta R.T.: -0.003 min
Response: 869335
Conc: 22.21 ng/ml



#37 AR-1262-2

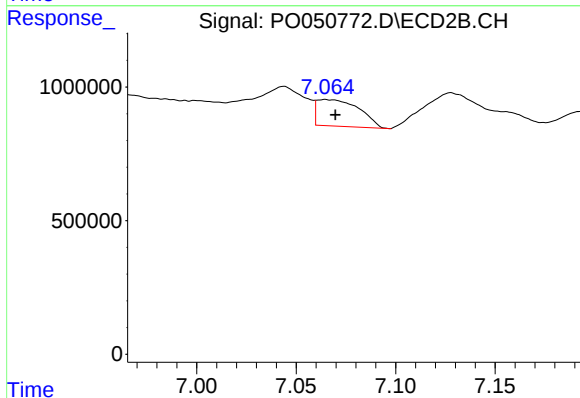
R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 2407882
Conc: 53.60 ng/ml



#38 AR-1262-3

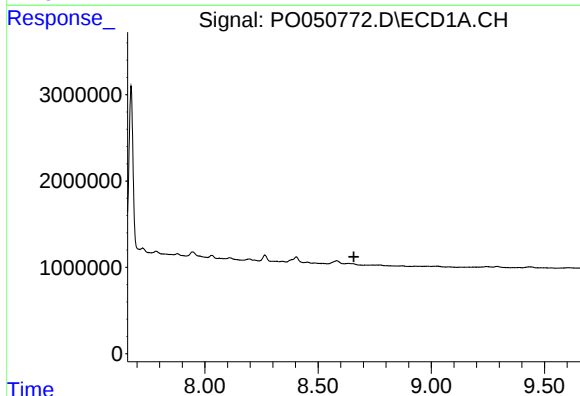
R.T.: 8.582 min
Delta R.T.: 0.011 min
Response: 617173
Conc: 24.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



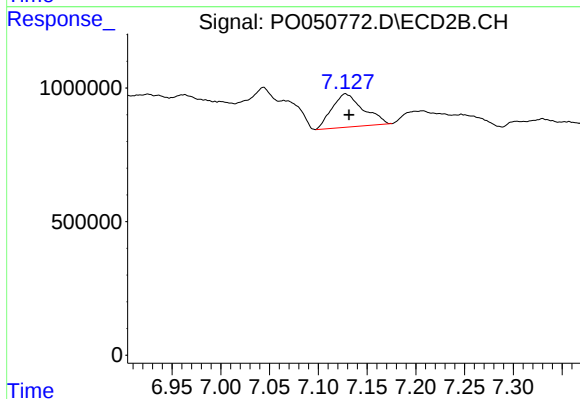
#38 AR-1262-3

R.T.: 7.065 min
Delta R.T.: -0.005 min
Response: 1474400
Conc: 82.12 ng/ml



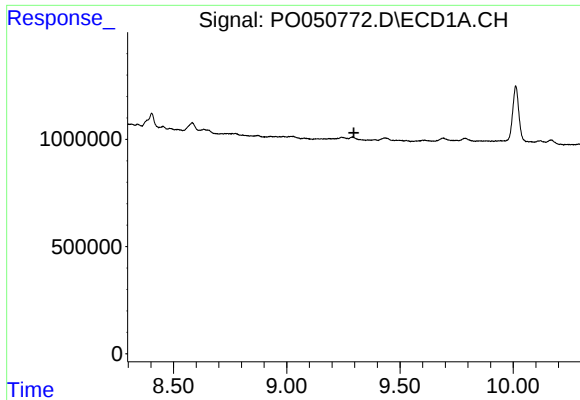
#39 AR-1262-4

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



#39 AR-1262-4

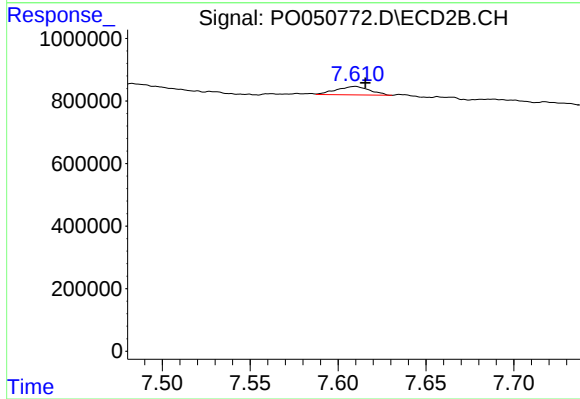
R.T.: 7.128 min
Delta R.T.: -0.004 min
Response: 2738707
Conc: 93.09 ng/ml



#40 AR-1262-5

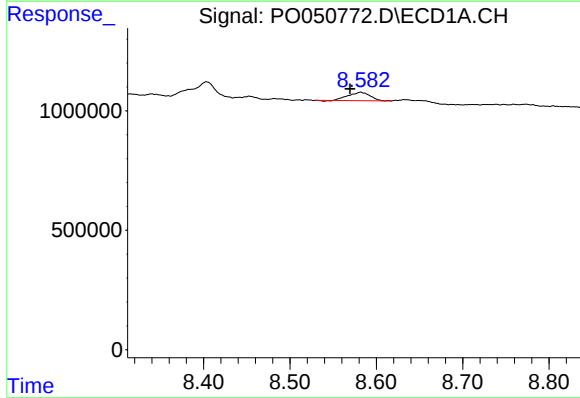
R.T.: 0.000 min
Exp R.T.: 9.297 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



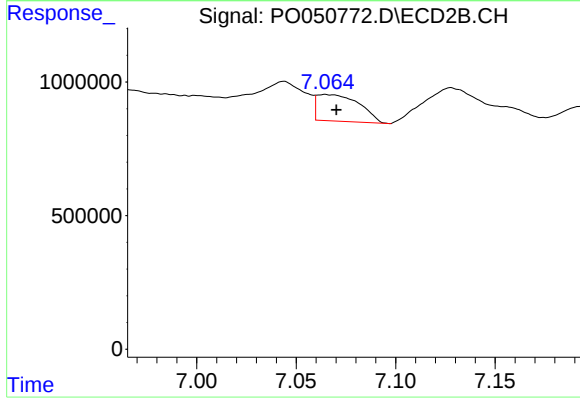
#40 AR-1262-5

R.T.: 7.610 min
Delta R.T.: -0.006 min
Response: 357401
Conc: 30.80 ng/ml



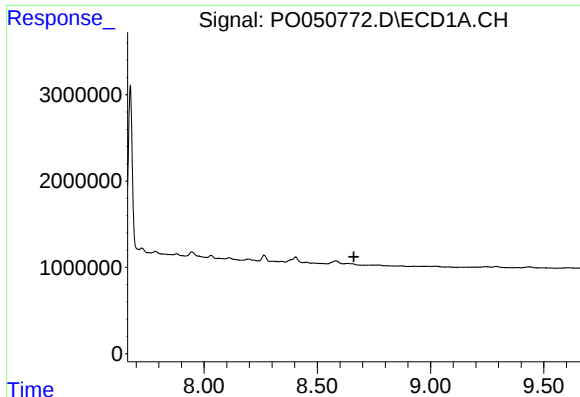
#41 AR-1268-1

R.T.: 8.582 min
Delta R.T.: 0.012 min
Response: 617173
Conc: 12.23 ng/ml



#41 AR-1268-1

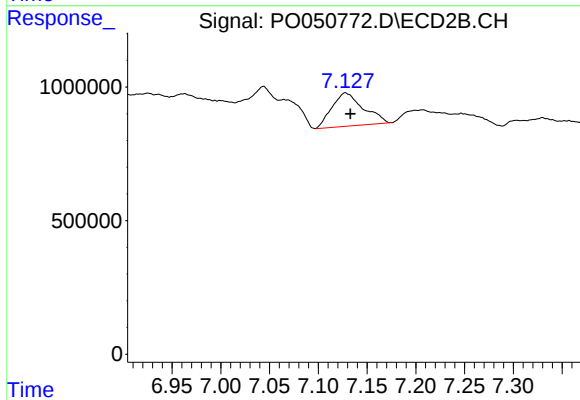
R.T.: 7.065 min
Delta R.T.: -0.006 min
Response: 1474400
Conc: 26.77 ng/ml



#42 AR-1268-2

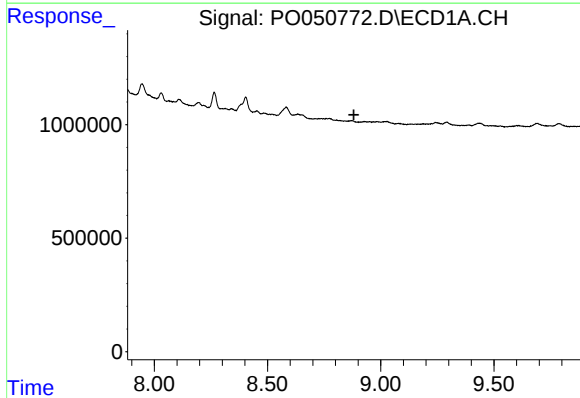
R.T.: 0.000 min
Exp R.T.: 8.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



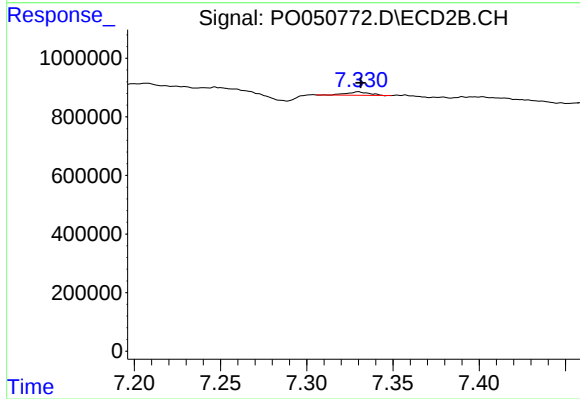
#42 AR-1268-2

R.T.: 7.128 min
Delta R.T.: -0.005 min
Response: 2738707
Conc: 57.46 ng/ml



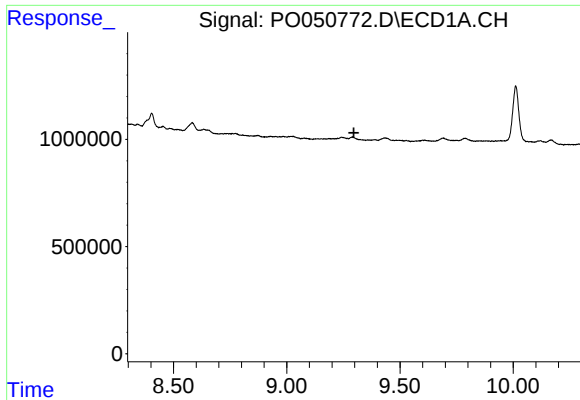
#43 AR-1268-3

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



#43 AR-1268-3

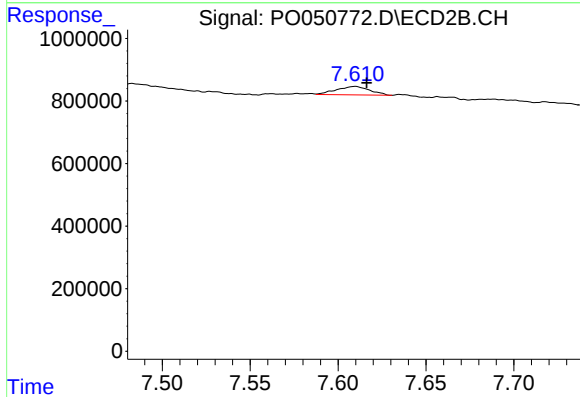
R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 106812
Conc: 2.48 ng/ml



#44 AR-1268-4

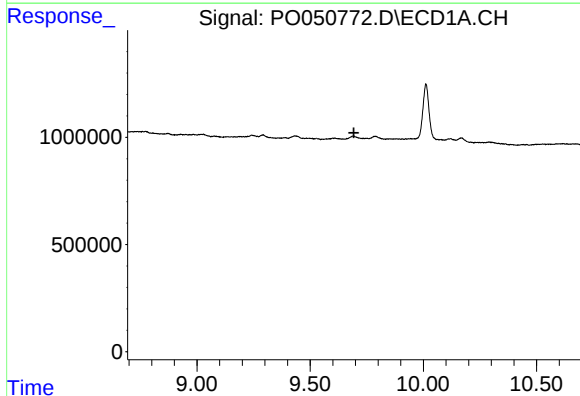
R.T.: 0.000 min
Exp R.T. : 9.296 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



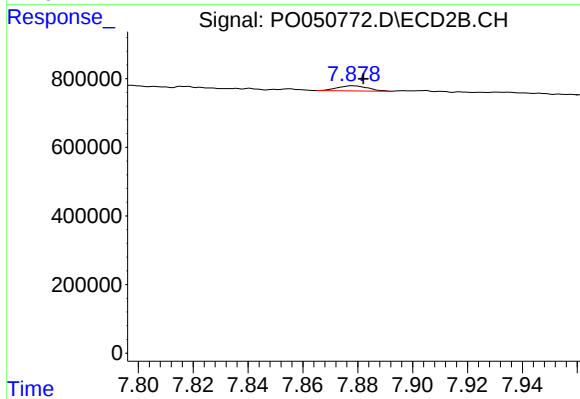
#44 AR-1268-4

R.T.: 7.610 min
Delta R.T.: -0.006 min
Response: 357401
Conc: 25.58 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.: 7.878 min
Delta R.T.: -0.004 min
Response: 115308
Conc: 1.15 ng/ml