

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
 Data File : PP060409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2023 16:24
 Operator : YP\AJ
 Sample : 04627-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 17:20:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.532	3.684	51616972	37198851	23.048	24.991
2)	SA Decachlor...	10.456	8.748	38816114	34113179	21.986	20.913
Target Compounds							
3)	L1 AR-1016-1	0.000	4.783	0	26727	N.D.	0.460 #
4)	L1 AR-1016-2	0.000	4.804	0	28824	N.D.	0.358 #
5)	L1 AR-1016-3	0.000	4.981	0	121640	N.D.	2.722 #
6)	L1 AR-1016-4	0.000	5.041f	0	13725	N.D.	0.381 #
7)	L1 AR-1016-5	0.000	5.226	0	246358	N.D.	5.070 #
8)	L2 AR-1221-1	4.741	3.909	294233	2073250	10.186	99.245 #
9)	L2 AR-1221-2	4.843	3.978	802043	1856937	37.540	124.536 #
10)	L2 AR-1221-3	0.000	4.063	0	4601	N.D.	0.105 #
11)	L3 AR-1232-1	4.942f	4.063	2763475	4601	54.898	0.126 #
12)	L3 AR-1232-2	0.000	4.804	0	28824	N.D.	0.790 #
13)	L3 AR-1232-3	0.000	4.981	0	121640	N.D.	6.077 #
14)	L3 AR-1232-4	5.941f	5.075	469491	27103	19.101	1.452 #
15)	L3 AR-1232-5	0.000	5.226	0	246358	N.D.	11.845 #
16)	L4 AR-1242-1	0.000	4.783	0	26727	N.D.	0.528 #
17)	L4 AR-1242-2	0.000	4.804	0	28824	N.D.	0.415 #
18)	L4 AR-1242-3	0.000	4.981	0	121640	N.D.	3.159 #
19)	L4 AR-1242-4	0.000	5.057	0	20847	N.D.	0.529 #
20)	L4 AR-1242-5	0.000	5.591	0	117416	N.D.	2.400 #
21)	L5 AR-1248-1	0.000	4.783	0	26727	N.D.	0.732 #
22)	L5 AR-1248-2	0.000	5.041f	0	13725	N.D.	0.263 #
23)	L5 AR-1248-3	0.000	5.057	0	20847	N.D.	0.375 #
24)	L5 AR-1248-4	0.000	5.226	0	246358	N.D.	3.743 #
25)	L5 AR-1248-5	0.000	5.635	0	36102	N.D.	0.561 #
26)	L6 AR-1254-1	0.000	5.591	0	117416	N.D.	1.187 #
27)	L6 AR-1254-2	0.000	5.742	0	22908	N.D.	0.267 #
28)	L6 AR-1254-3	7.178	6.153	223251	27003	1.680	0.188 #
29)	L6 AR-1254-4	0.000	6.377	0	23003	N.D.	0.264 #
30)	L6 AR-1254-5	7.890	6.802	168331	17124	1.554	0.135 #
31)	L7 AR-1260-1	0.000	6.282	0	50916	N.D.	0.507 #
32)	L7 AR-1260-2	0.000	6.475	0	21296	N.D.	0.178 #
33)	L7 AR-1260-3	0.000	6.626	0	12168	N.D.	0.106 #
34)	L7 AR-1260-4	0.000	7.092	0	80561	N.D.	0.846 #
35)	L7 AR-1260-5	0.000	7.340	0	25193	N.D.	0.116 #
36)	L8 AR-1262-1	0.000	6.895	0	14607	N.D.	0.273 #
37)	L8 AR-1262-2	0.000	7.092	0	80561	N.D.	0.683 #
38)	L8 AR-1262-3	0.000	7.627	0	29704	N.D.	0.322 #
39)	L8 AR-1262-4	8.947	7.686	610818	90904	5.104	0.540 #
40)	L8 AR-1262-5	0.000	8.193	0	10245	N.D.	0.132 #
41)	L9 AR-1268-1	0.000	7.627	0	29704	N.D.	0.109 #

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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.947	7.696	610818	14725	2.506	0.060 #
43) L9	AR-1268-3	0.000	7.903	0	71173	N.D.	0.333 #
44) L9	AR-1268-4	0.000	8.193	0	10245	N.D.	0.117 #
45) L9	AR-1268-5	0.000	8.490	0	286010	N.D.	0.458 #

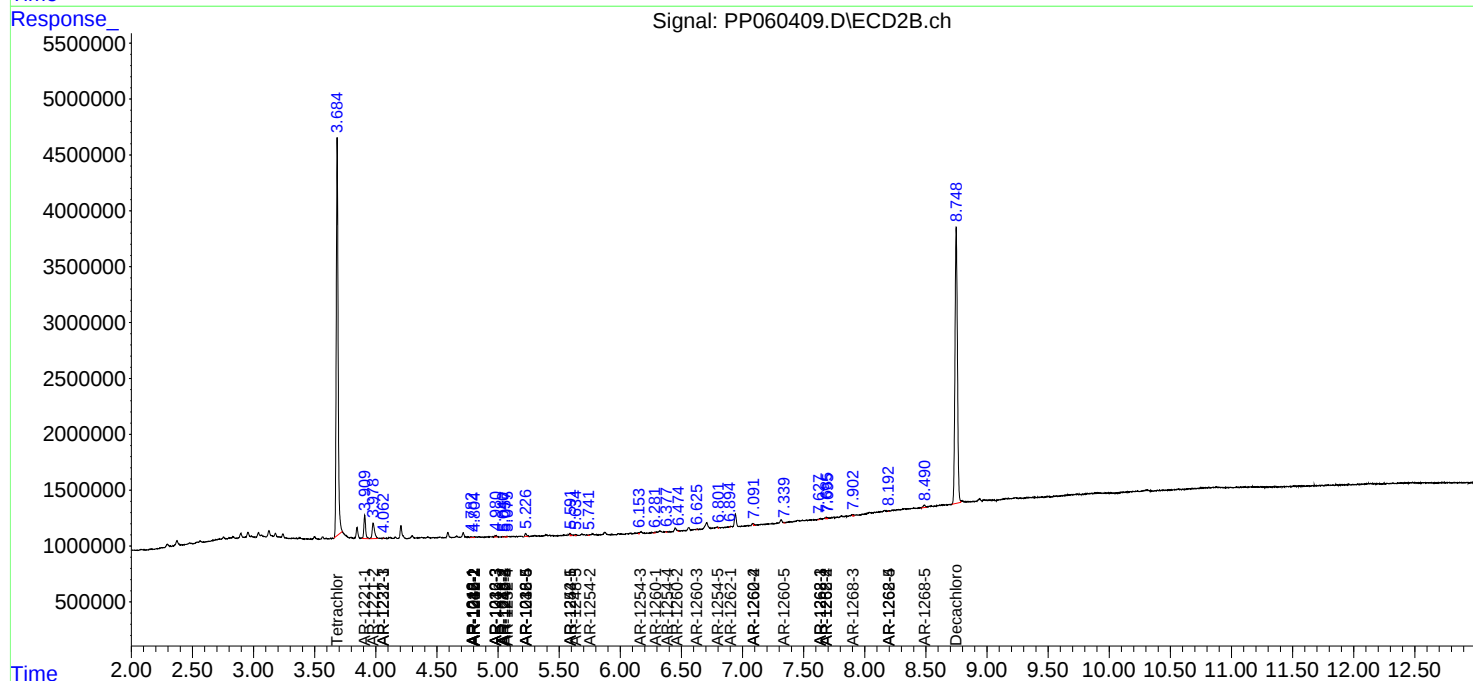
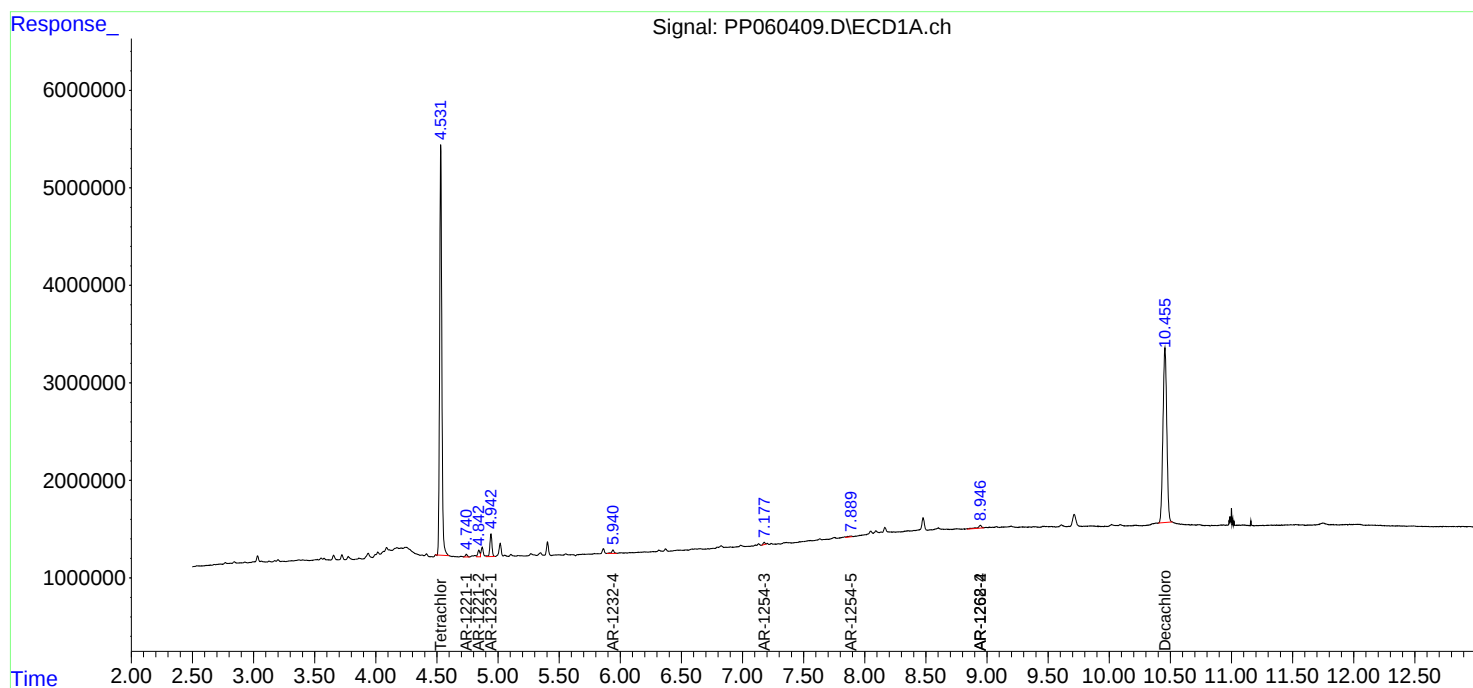
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

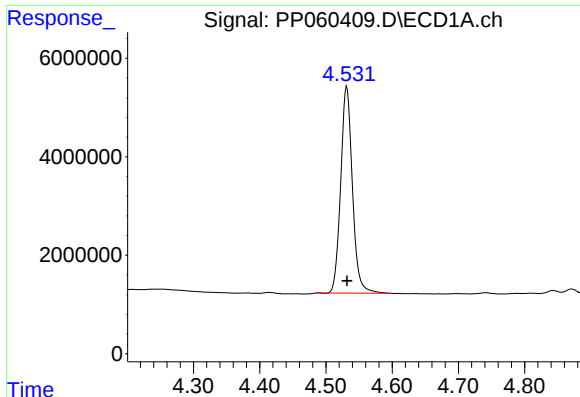
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

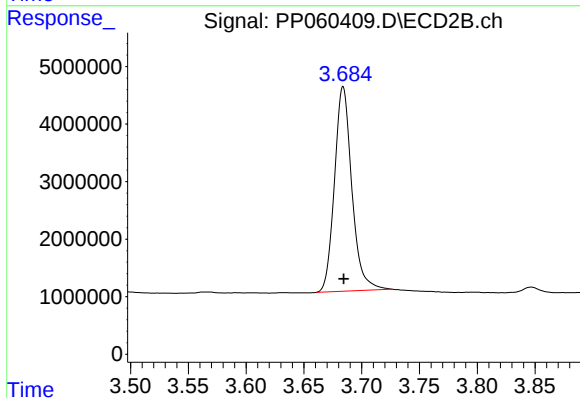




#1 Tetrachloro-m-xylene

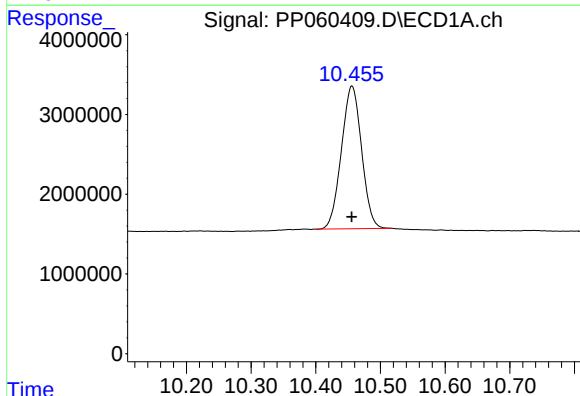
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 51616972
Conc: 23.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



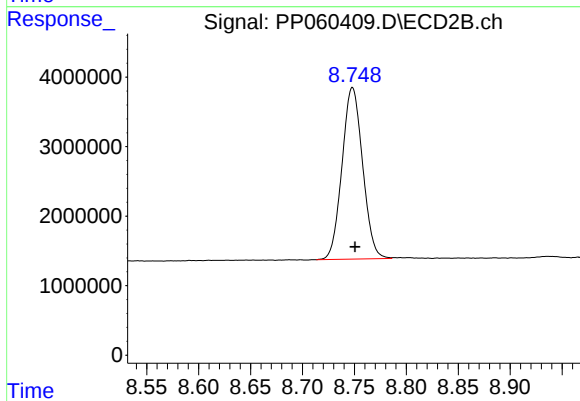
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 37198851
Conc: 24.99 ng/ml



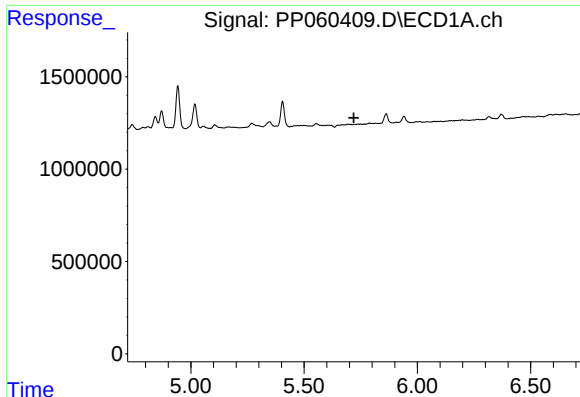
#2 Decachlorobiphenyl

R.T.: 10.456 min
Delta R.T.: 0.000 min
Response: 38816114
Conc: 21.99 ng/ml



#2 Decachlorobiphenyl

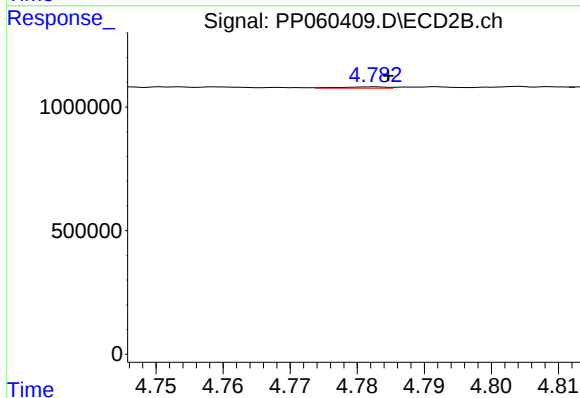
R.T.: 8.748 min
Delta R.T.: -0.003 min
Response: 34113179
Conc: 20.91 ng/ml



#3 AR-1016-1

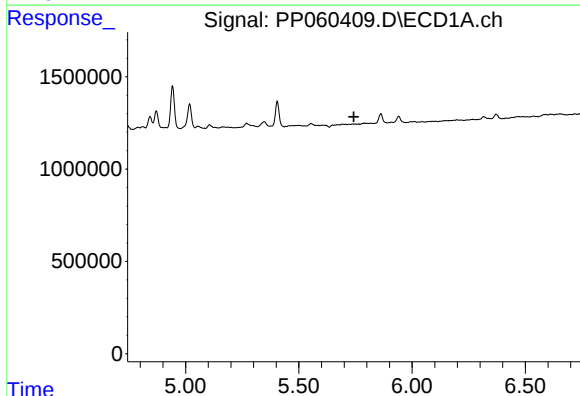
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



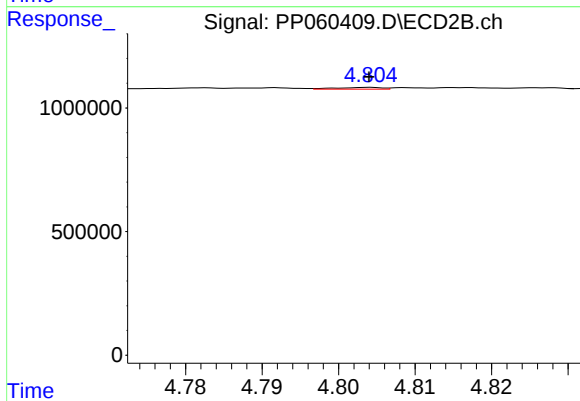
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 26727
Conc: 0.46 ng/ml



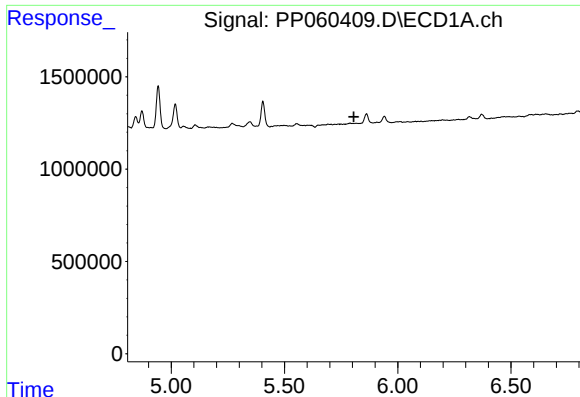
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.



#4 AR-1016-2

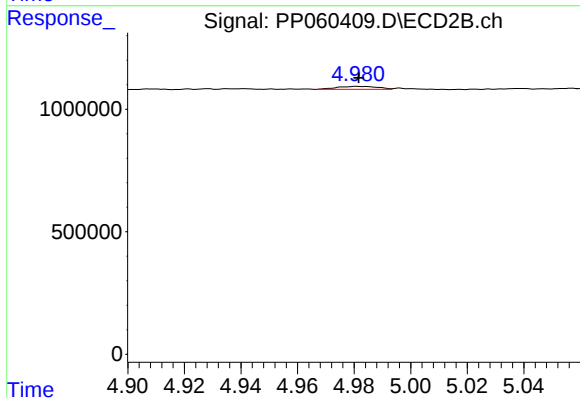
R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 28824
Conc: 0.36 ng/ml



#5 AR-1016-3

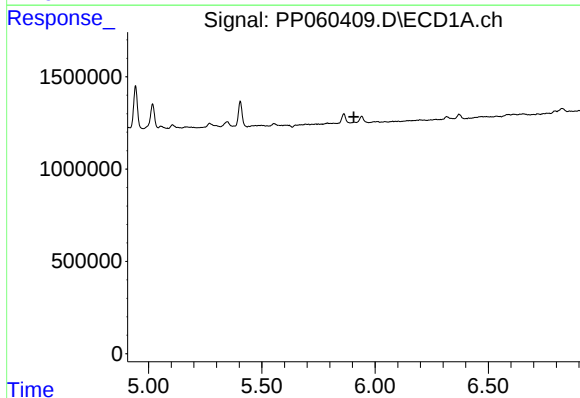
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



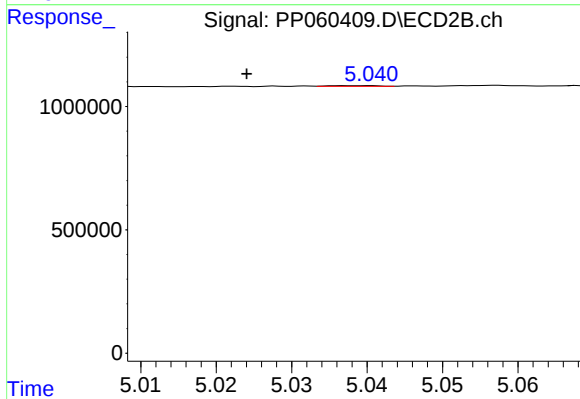
#5 AR-1016-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 121640
Conc: 2.72 ng/ml



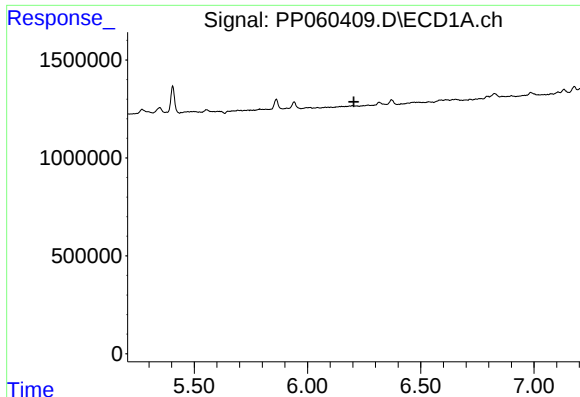
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.906 min
Response: 0
Conc: N.D.



#6 AR-1016-4

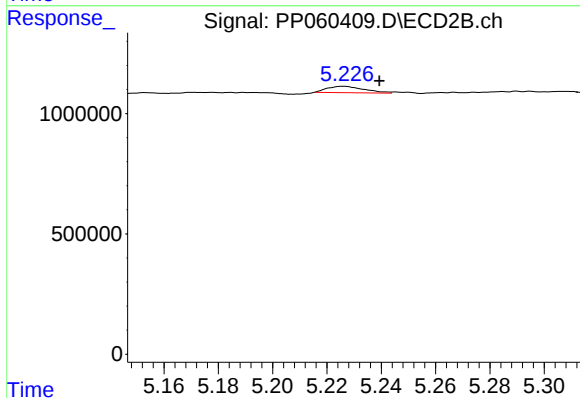
R.T.: 5.041 min
Delta R.T.: 0.016 min
Response: 13725
Conc: 0.38 ng/ml



#7 AR-1016-5

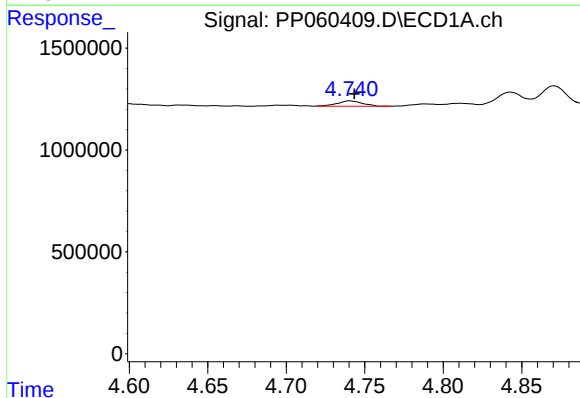
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



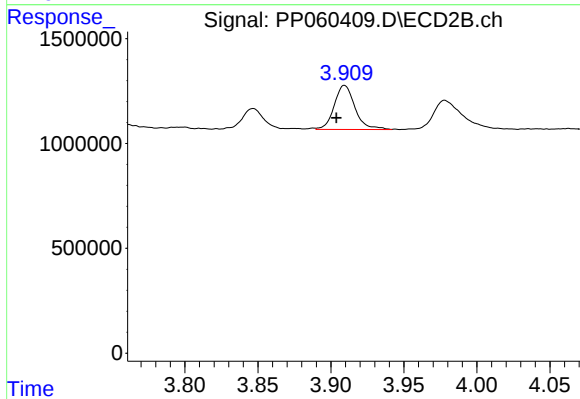
#7 AR-1016-5

R.T.: 5.226 min
Delta R.T.: -0.013 min
Response: 246358
Conc: 5.07 ng/ml



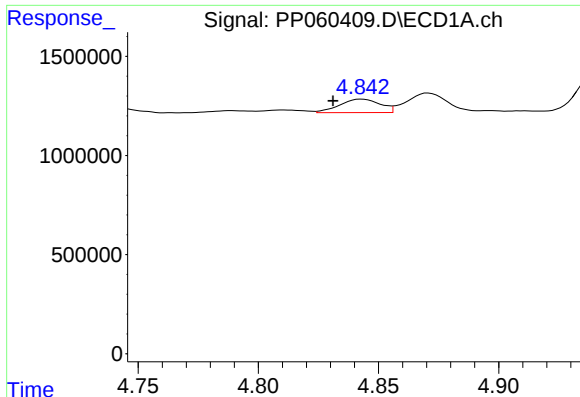
#8 AR-1221-1

R.T.: 4.741 min
Delta R.T.: -0.003 min
Response: 294233
Conc: 10.19 ng/ml



#8 AR-1221-1

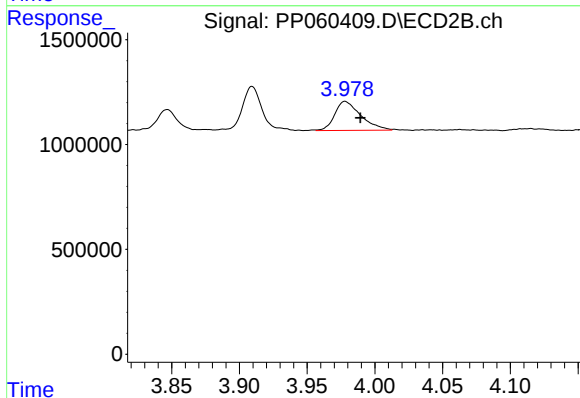
R.T.: 3.909 min
Delta R.T.: 0.006 min
Response: 2073250
Conc: 99.25 ng/ml



#9 AR-1221-2

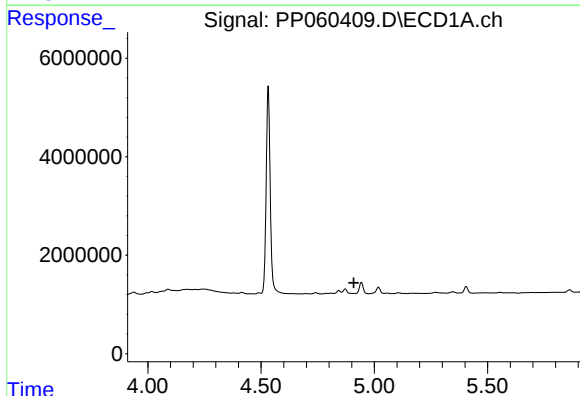
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 802043
Conc: 37.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



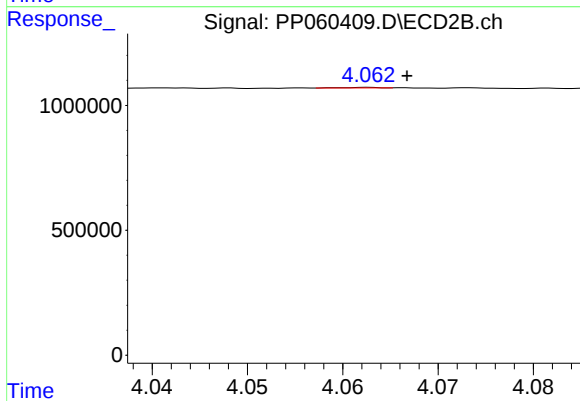
#9 AR-1221-2

R.T.: 3.978 min
Delta R.T.: -0.011 min
Response: 1856937
Conc: 124.54 ng/ml



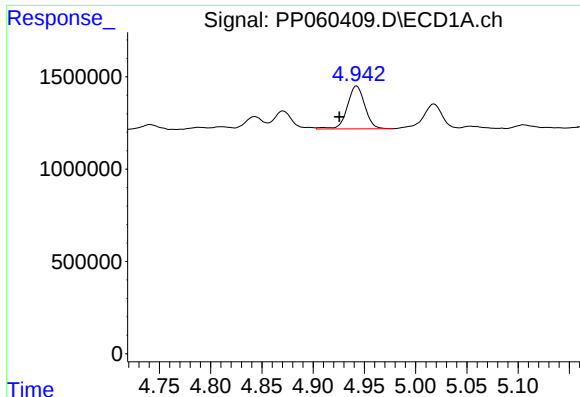
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.909 min
Response: 0
Conc: N.D.



#10 AR-1221-3

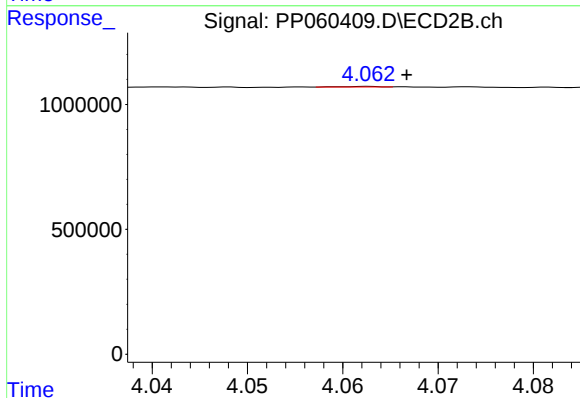
R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 4601
Conc: 0.10 ng/ml



#11 AR-1232-1

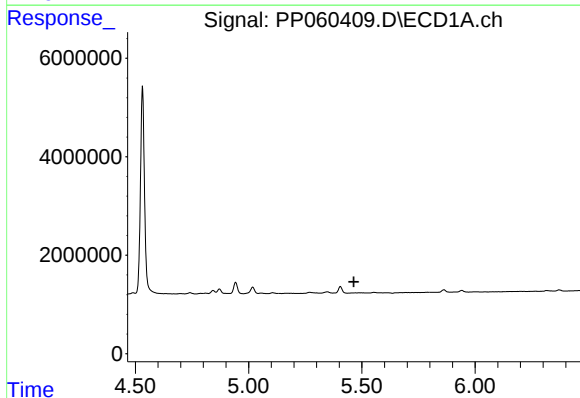
R.T.: 4.942 min
Delta R.T.: 0.017 min
Response: 2763475
Conc: 54.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



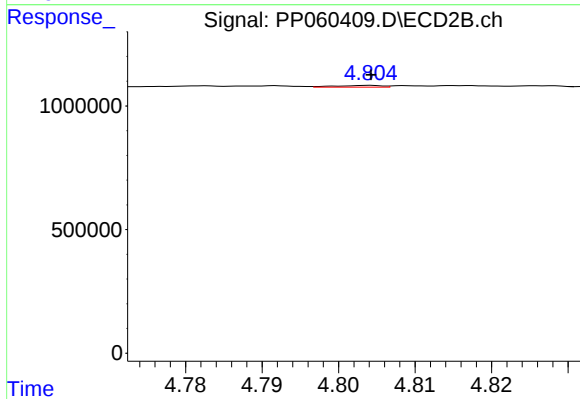
#11 AR-1232-1

R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 4601
Conc: 0.13 ng/ml



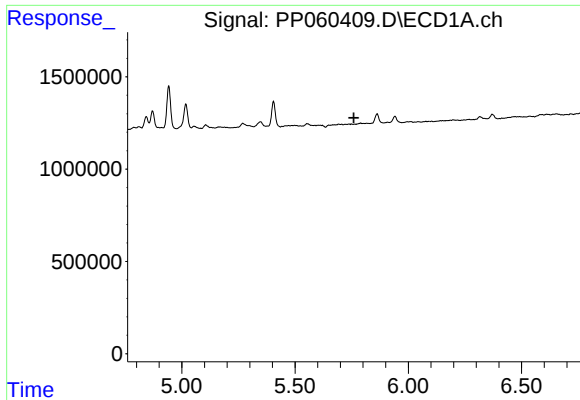
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.464 min
Response: 0
Conc: N.D.



#12 AR-1232-2

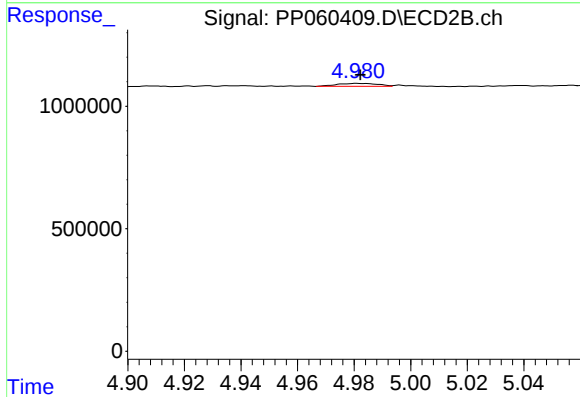
R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 28824
Conc: 0.79 ng/ml



#13 AR-1232-3

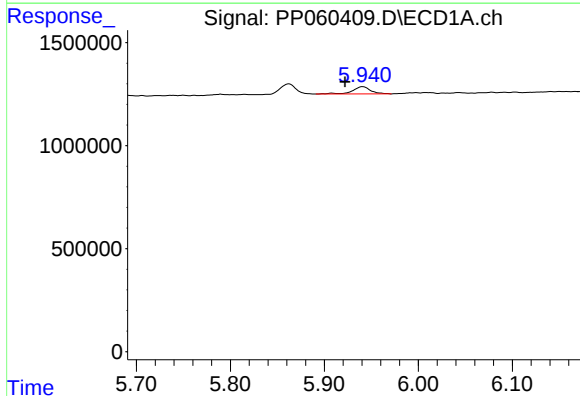
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



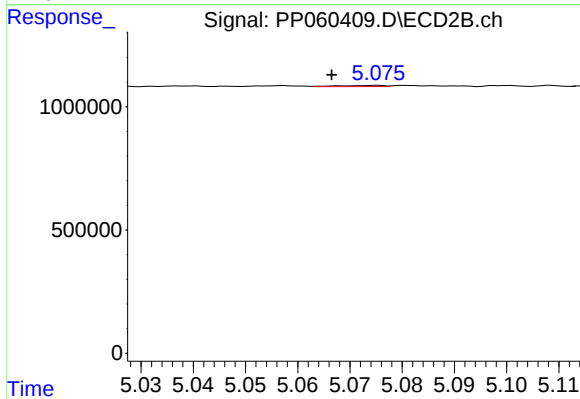
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: -0.001 min
Response: 121640
Conc: 6.08 ng/ml



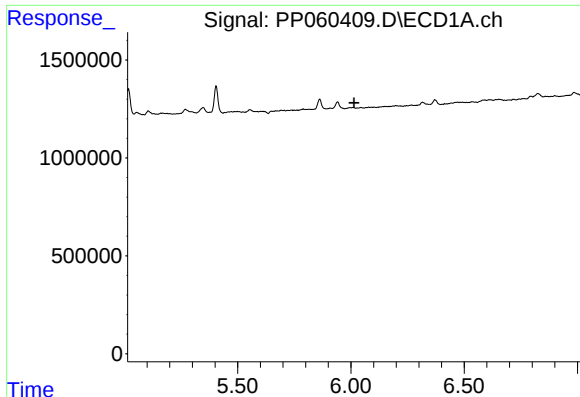
#14 AR-1232-4

R.T.: 5.941 min
Delta R.T.: 0.019 min
Response: 469491
Conc: 19.10 ng/ml



#14 AR-1232-4

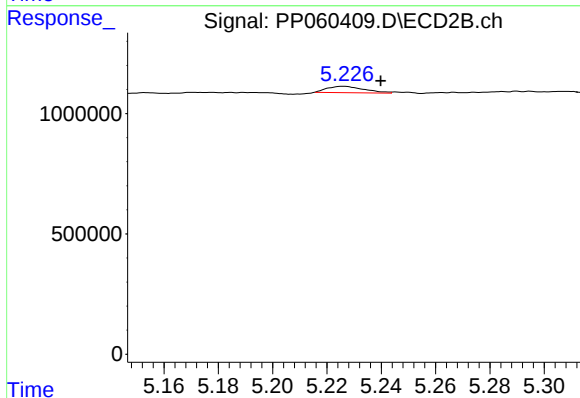
R.T.: 5.075 min
Delta R.T.: 0.009 min
Response: 27103
Conc: 1.45 ng/ml



#15 AR-1232-5

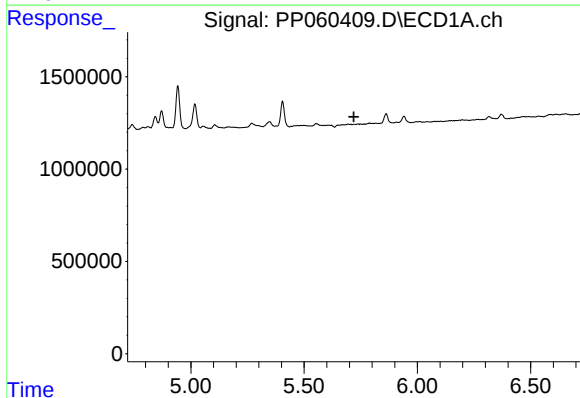
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



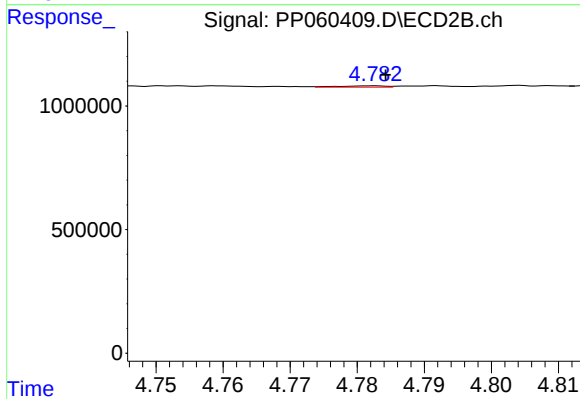
#15 AR-1232-5

R.T.: 5.226 min
Delta R.T.: -0.013 min
Response: 246358
Conc: 11.84 ng/ml



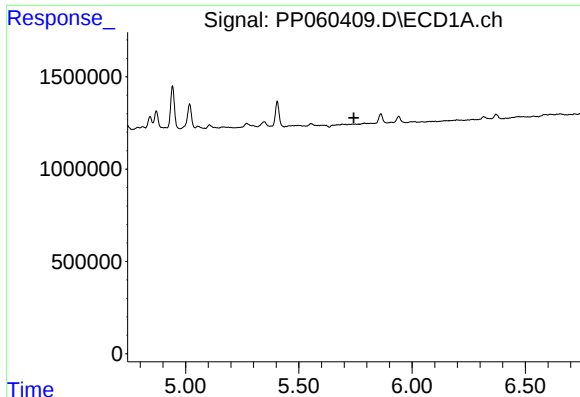
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.



#16 AR-1242-1

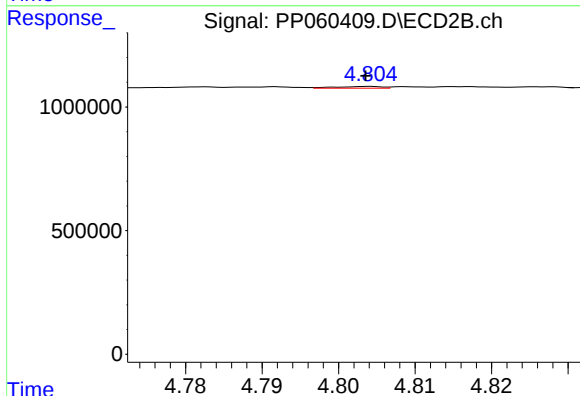
R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 26727
Conc: 0.53 ng/ml



#17 AR-1242-2

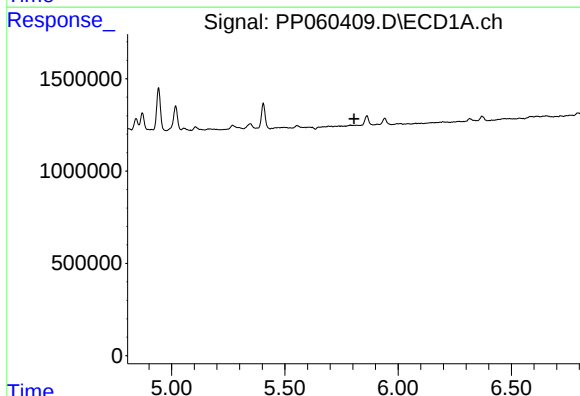
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



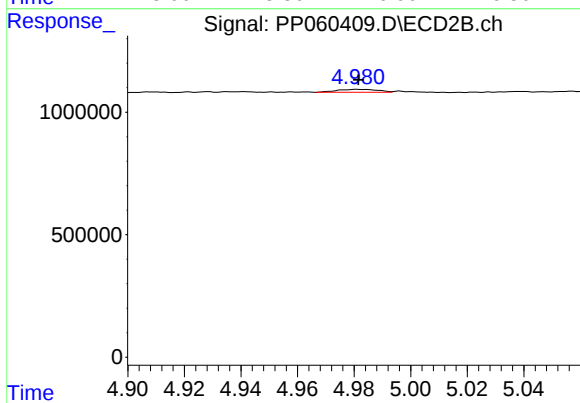
#17 AR-1242-2

R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 28824
Conc: 0.42 ng/ml



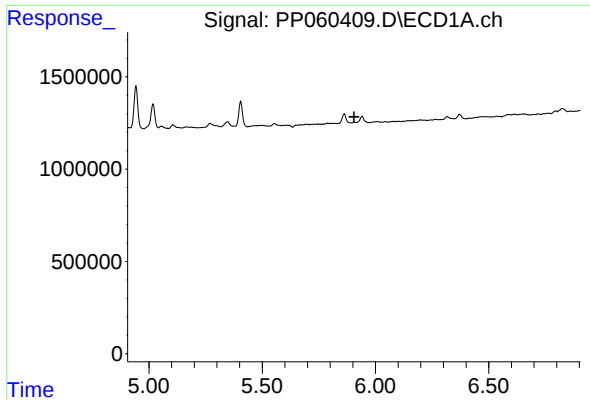
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.805 min
Response: 0
Conc: N.D.



#18 AR-1242-3

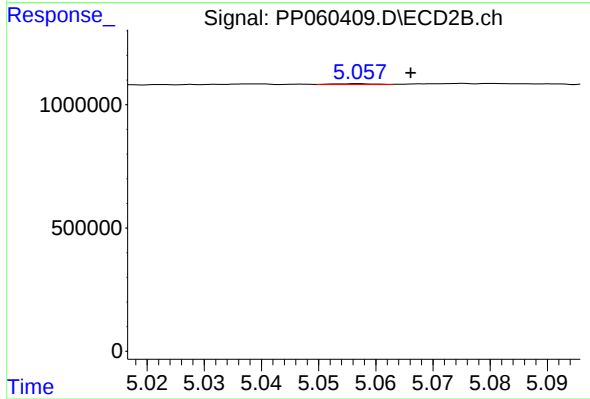
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 121640
Conc: 3.16 ng/ml



#19 AR-1242-4

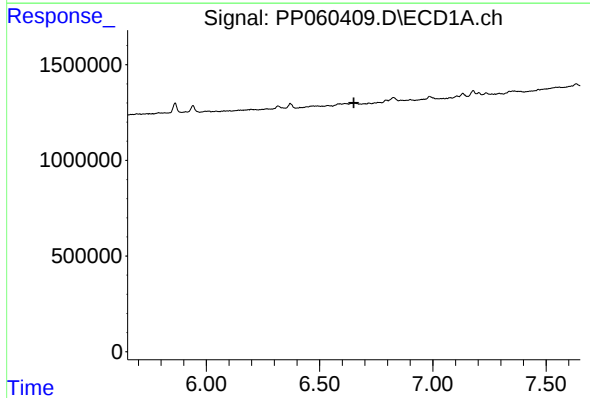
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



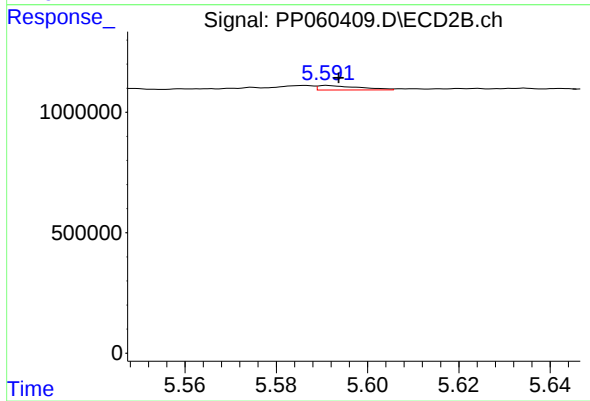
#19 AR-1242-4

R.T.: 5.057 min
Delta R.T.: -0.009 min
Response: 20847
Conc: 0.53 ng/ml



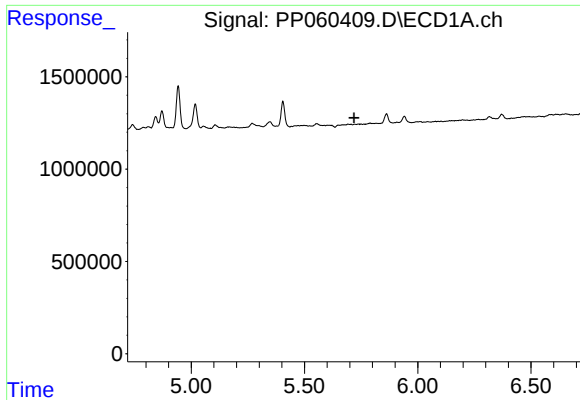
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.652 min
Response: 0
Conc: N.D.



#20 AR-1242-5

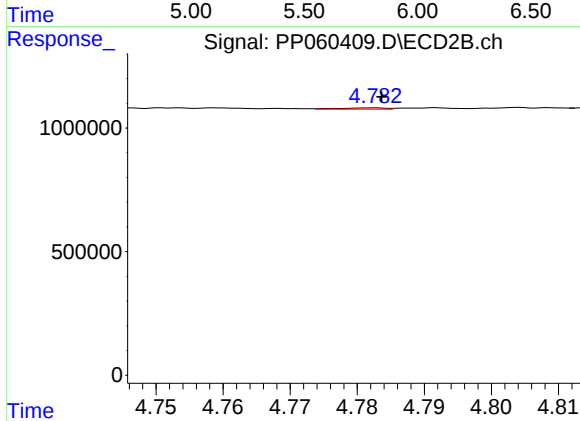
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 117416
Conc: 2.40 ng/ml



#21 AR-1248-1

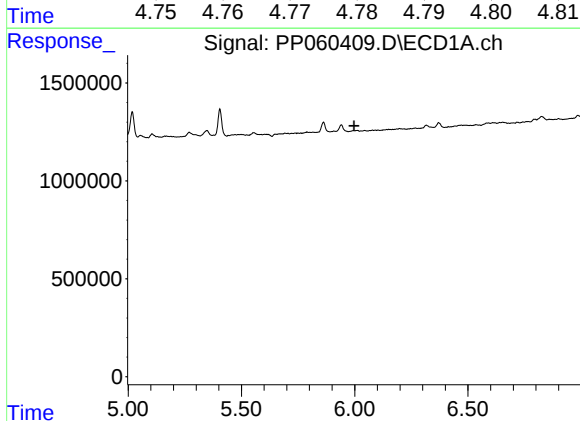
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



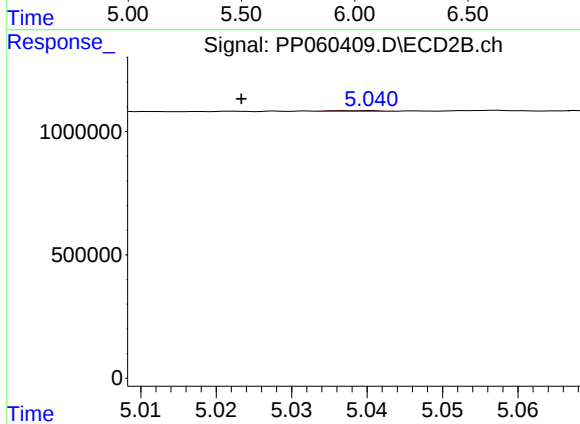
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 26727
Conc: 0.73 ng/ml



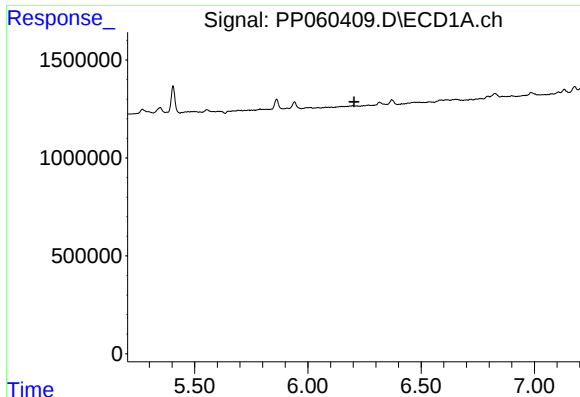
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.



#22 AR-1248-2

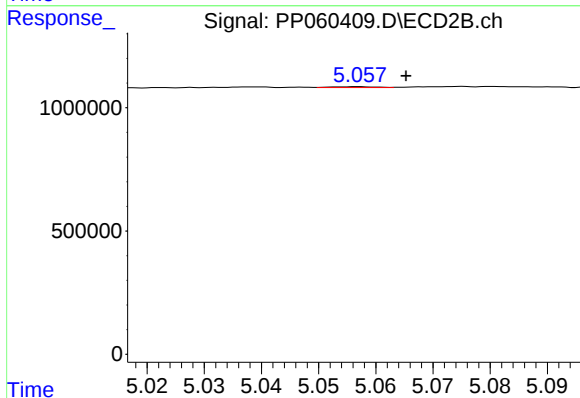
R.T.: 5.041 min
Delta R.T.: 0.017 min
Response: 13725
Conc: 0.26 ng/ml



#23 AR-1248-3

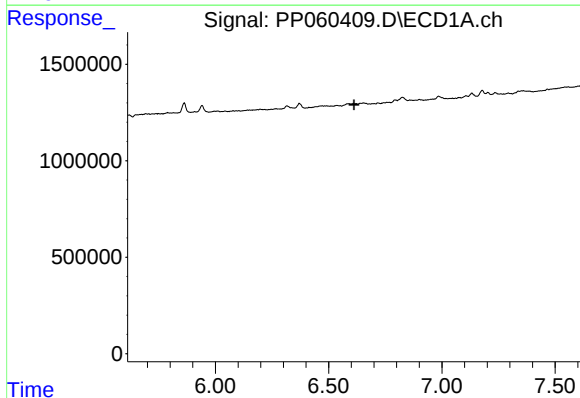
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



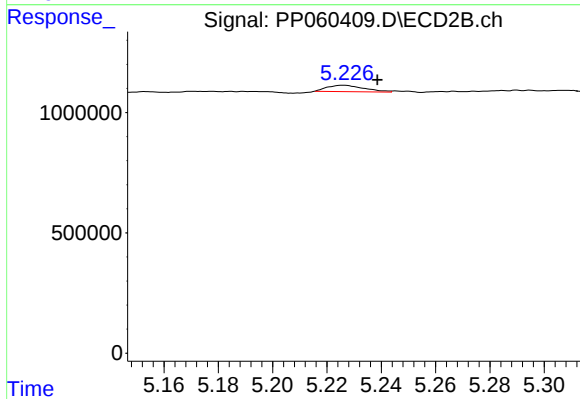
#23 AR-1248-3

R.T.: 5.057 min
Delta R.T.: -0.008 min
Response: 20847
Conc: 0.38 ng/ml



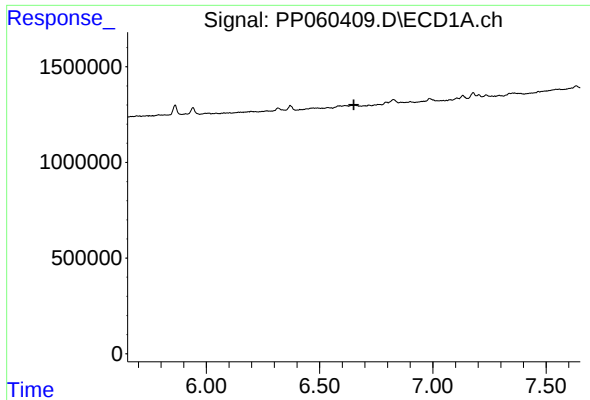
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.



#24 AR-1248-4

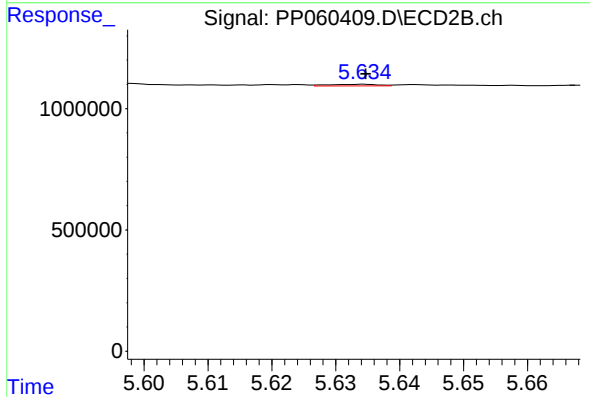
R.T.: 5.226 min
Delta R.T.: -0.012 min
Response: 246358
Conc: 3.74 ng/ml



#25 AR-1248-5

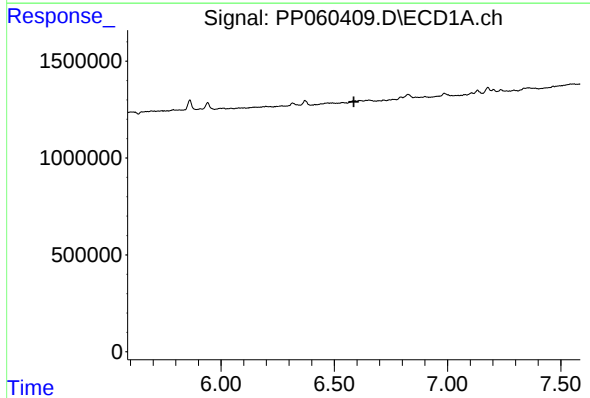
R.T.: 0.000 min
Exp R.T.: 6.651 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



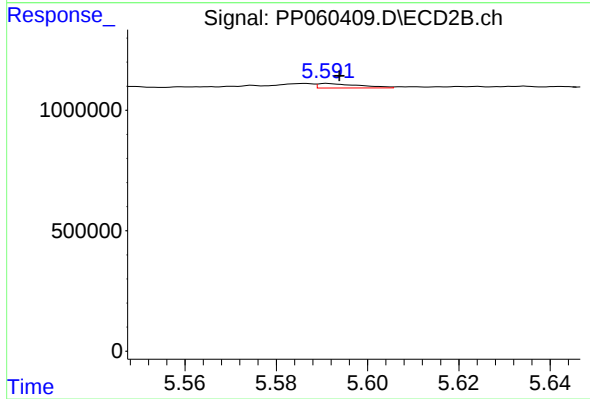
#25 AR-1248-5

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 36102
Conc: 0.56 ng/ml



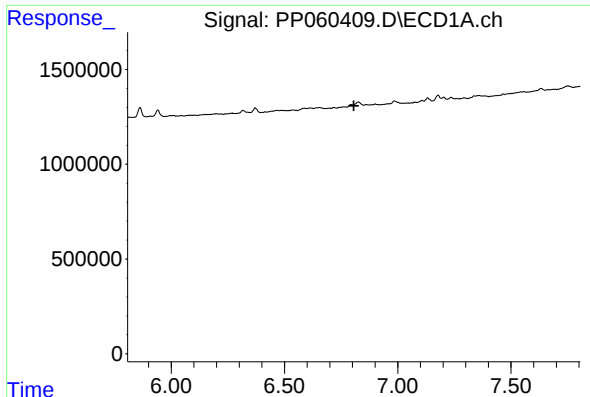
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.586 min
Response: 0
Conc: N.D.



#26 AR-1254-1

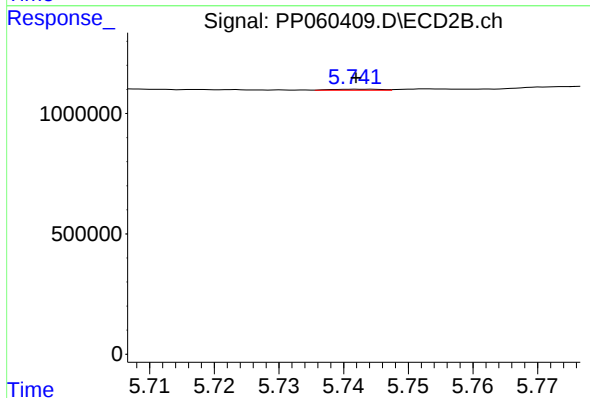
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 117416
Conc: 1.19 ng/ml



#27 AR-1254-2

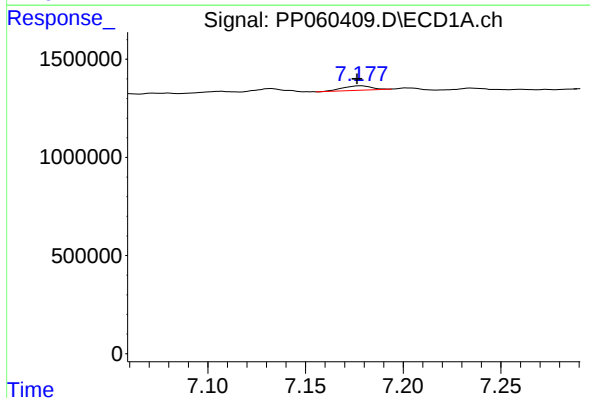
R.T.: 0.000 min
Exp R.T.: 6.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



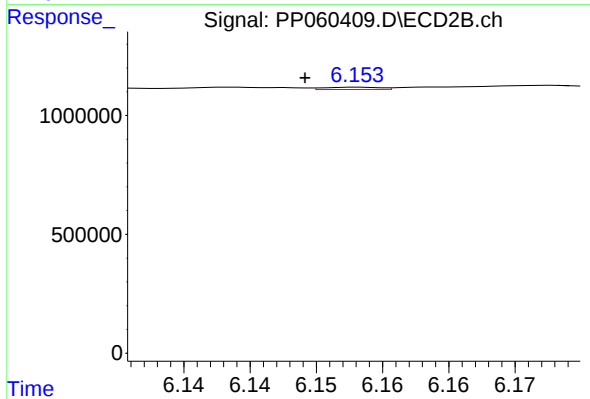
#27 AR-1254-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 22908
Conc: 0.27 ng/ml



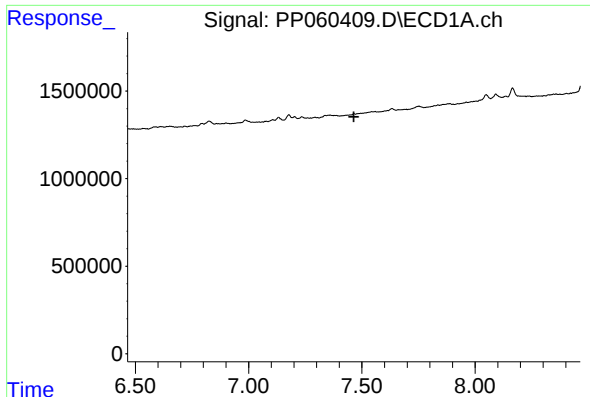
#28 AR-1254-3

R.T.: 7.178 min
Delta R.T.: 0.002 min
Response: 223251
Conc: 1.68 ng/ml



#28 AR-1254-3

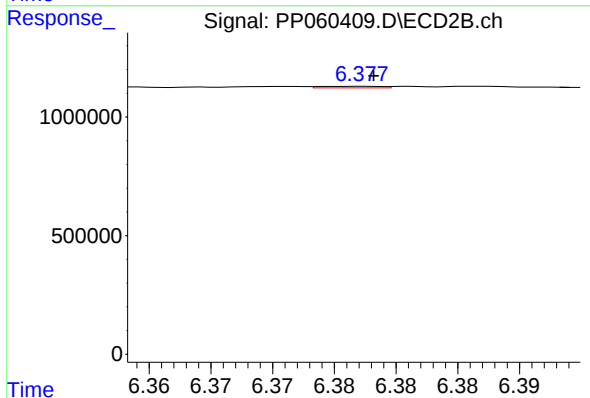
R.T.: 6.153 min
Delta R.T.: 0.004 min
Response: 27003
Conc: 0.19 ng/ml



#29 AR-1254-4

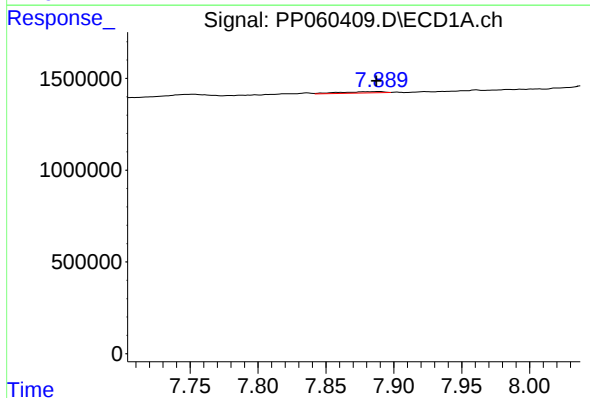
R.T.: 0.000 min
Exp R.T.: 7.464 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



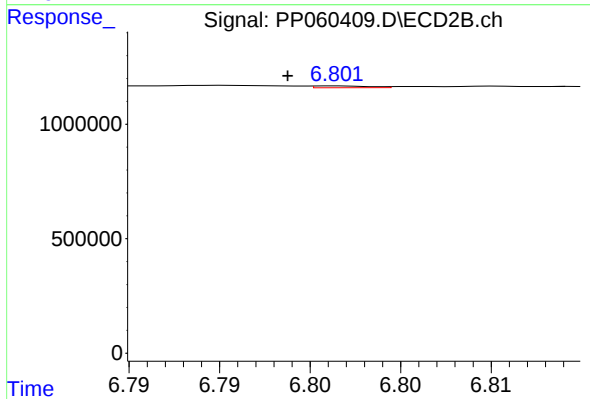
#29 AR-1254-4

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 23003
Conc: 0.26 ng/ml



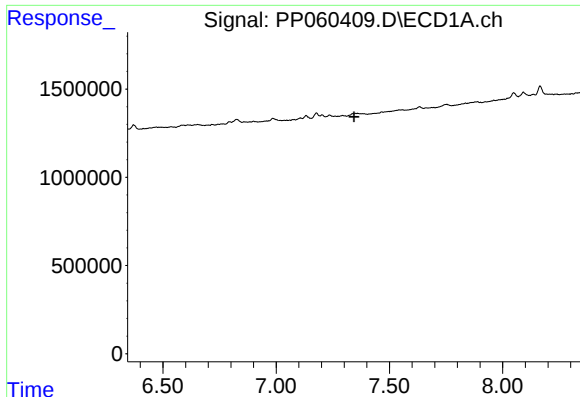
#30 AR-1254-5

R.T.: 7.890 min
Delta R.T.: 0.003 min
Response: 168331
Conc: 1.55 ng/ml



#30 AR-1254-5

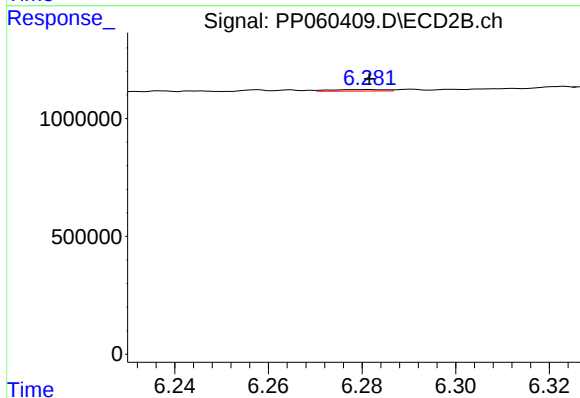
R.T.: 6.802 min
Delta R.T.: 0.003 min
Response: 17124
Conc: 0.14 ng/ml



#31 AR-1260-1

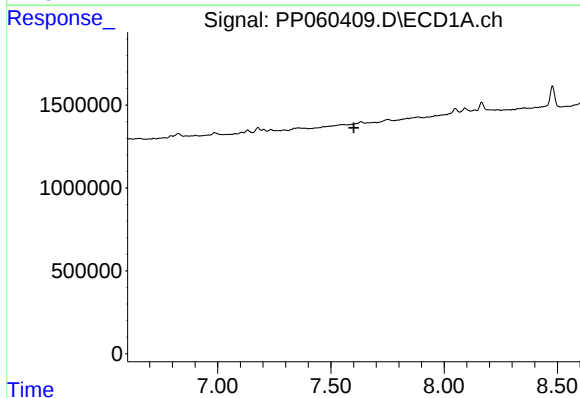
R.T.: 0.000 min
Exp R.T.: 7.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



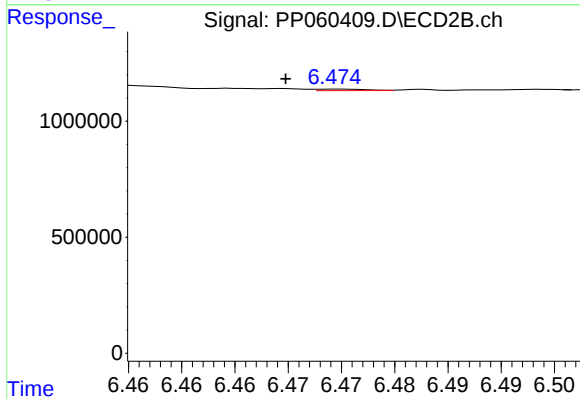
#31 AR-1260-1

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 50916
Conc: 0.51 ng/ml



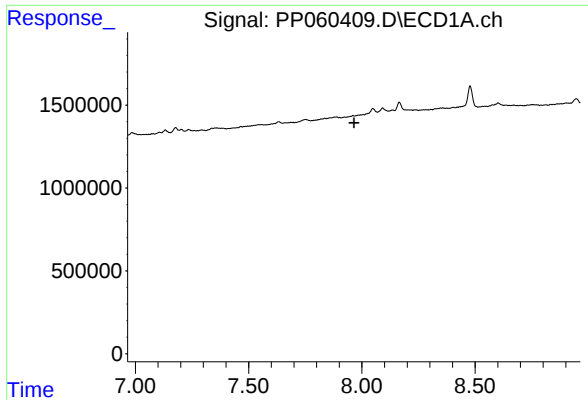
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.602 min
Response: 0
Conc: N.D.



#32 AR-1260-2

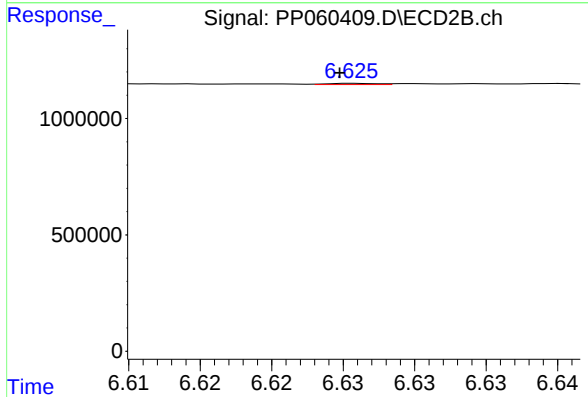
R.T.: 6.475 min
Delta R.T.: 0.005 min
Response: 21296
Conc: 0.18 ng/ml



#33 AR-1260-3

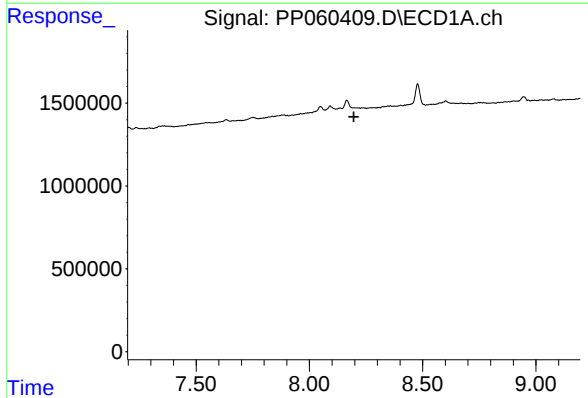
R.T.: 0.000 min
Exp R.T.: 7.965 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



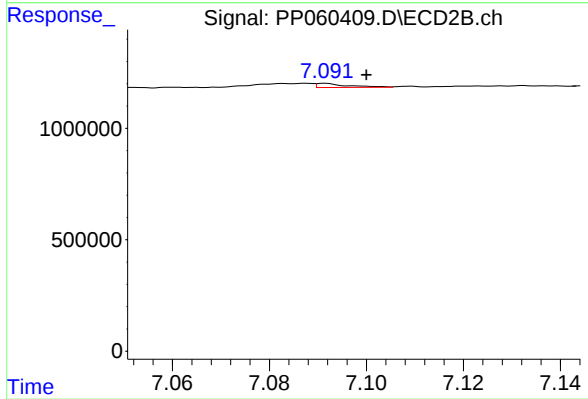
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.001 min
Response: 12168
Conc: 0.11 ng/ml



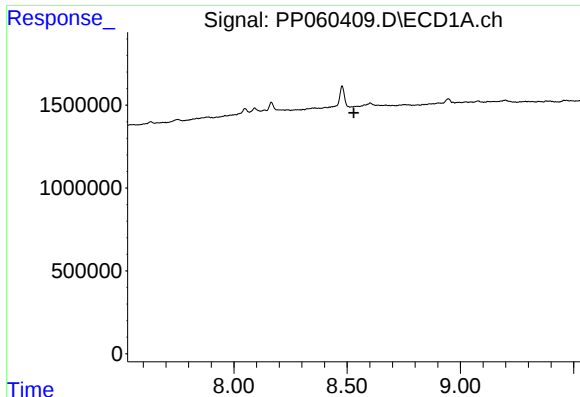
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.196 min
Response: 0
Conc: N.D.



#34 AR-1260-4

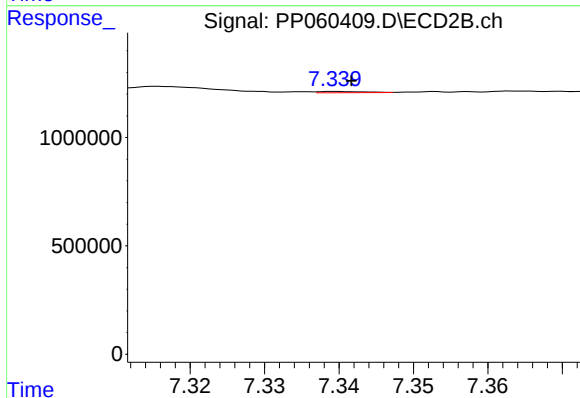
R.T.: 7.092 min
Delta R.T.: -0.008 min
Response: 80561
Conc: 0.85 ng/ml



#35 AR-1260-5

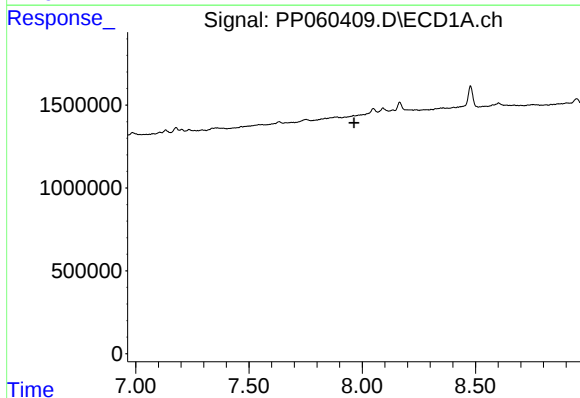
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



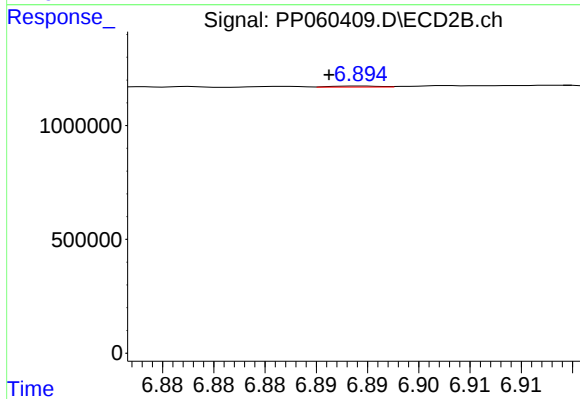
#35 AR-1260-5

R.T.: 7.340 min
Delta R.T.: -0.002 min
Response: 25193
Conc: 0.12 ng/ml



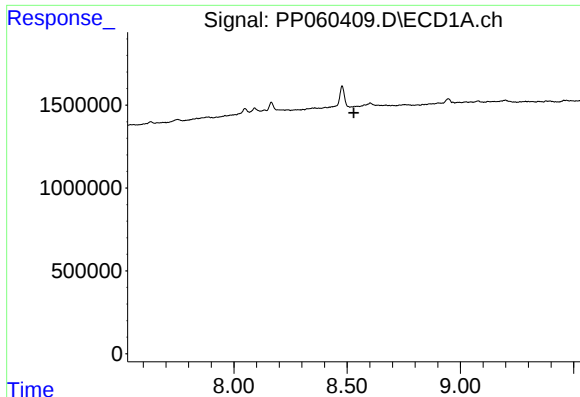
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.964 min
Response: 0
Conc: N.D.



#36 AR-1262-1

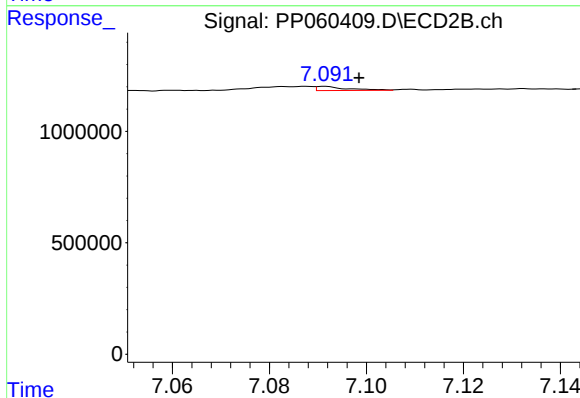
R.T.: 6.895 min
Delta R.T.: 0.003 min
Response: 14607
Conc: 0.27 ng/ml



#37 AR-1262-2

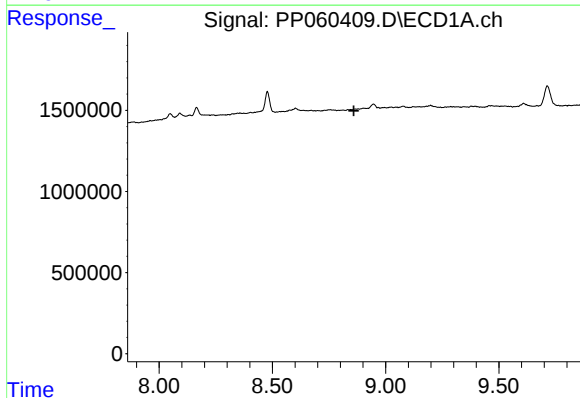
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



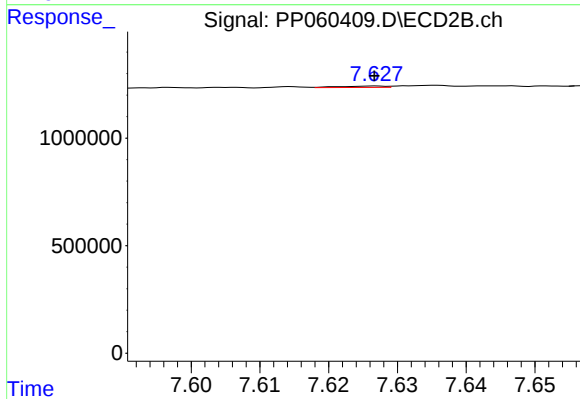
#37 AR-1262-2

R.T.: 7.092 min
Delta R.T.: -0.007 min
Response: 80561
Conc: 0.68 ng/ml



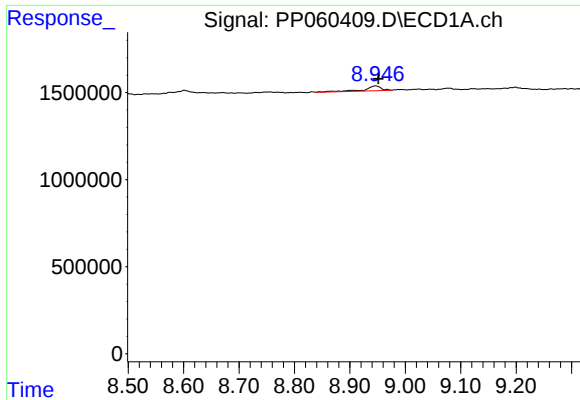
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.



#38 AR-1262-3

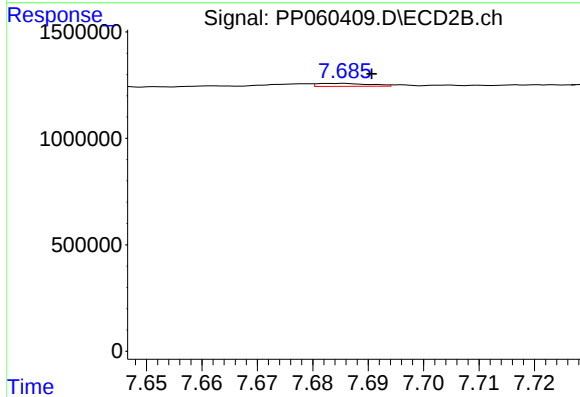
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 29704
Conc: 0.32 ng/ml



#39 AR-1262-4

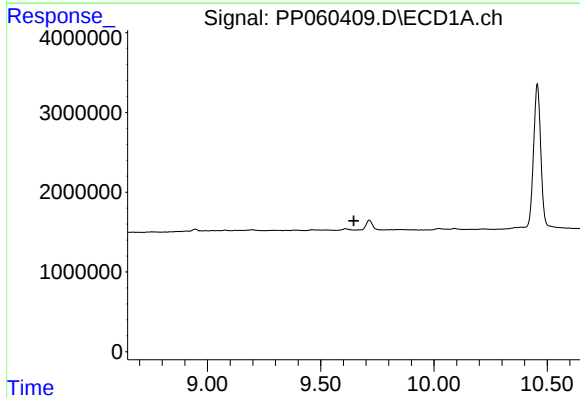
R.T.: 8.947 min
Delta R.T.: -0.005 min
Response: 610818
Conc: 5.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



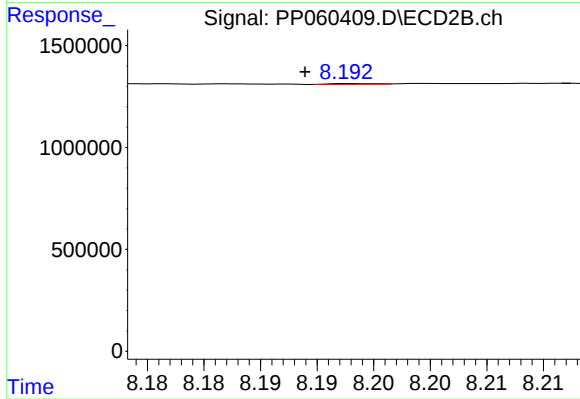
#39 AR-1262-4

R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 90904
Conc: 0.54 ng/ml



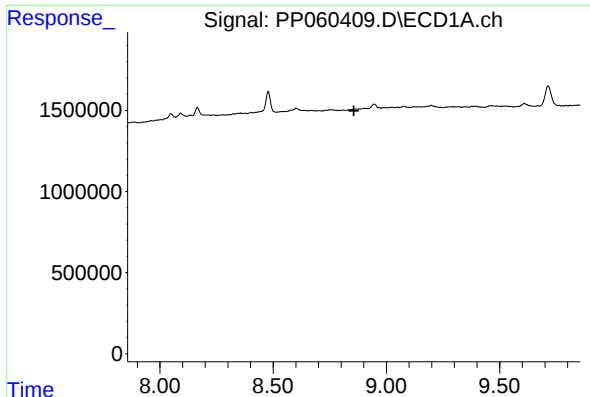
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

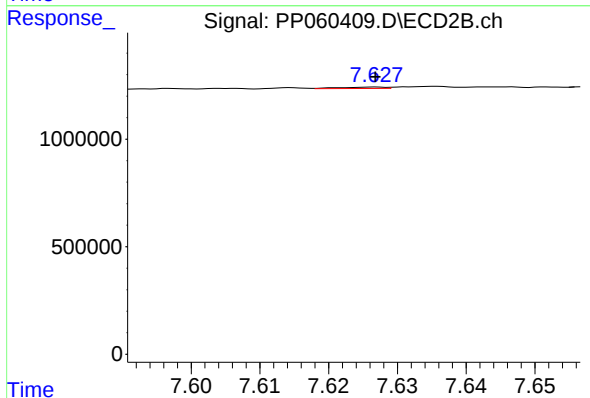
R.T.: 8.193 min
Delta R.T.: 0.004 min
Response: 10245
Conc: 0.13 ng/ml



#41 AR-1268-1

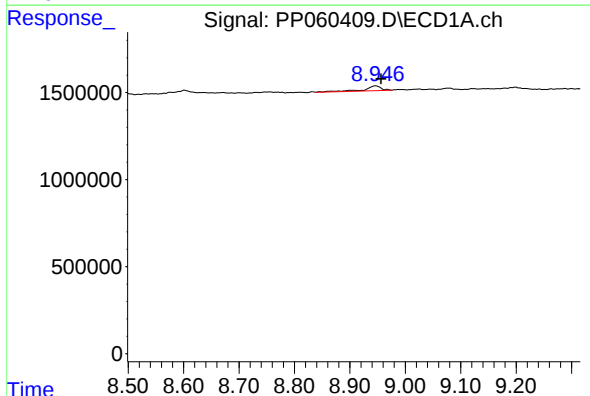
R.T.: 0.000 min
Exp R.T.: 8.856 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



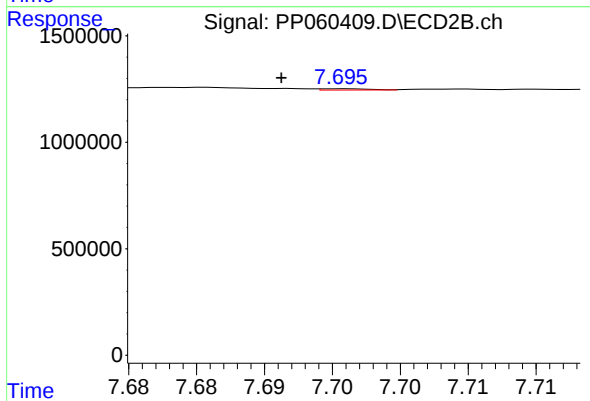
#41 AR-1268-1

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 29704
Conc: 0.11 ng/ml



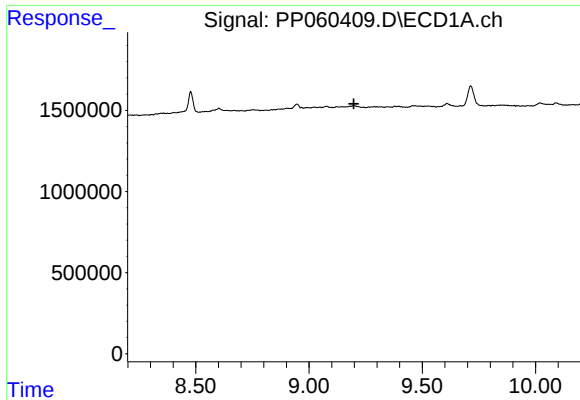
#42 AR-1268-2

R.T.: 8.947 min
Delta R.T.: -0.009 min
Response: 610818
Conc: 2.51 ng/ml



#42 AR-1268-2

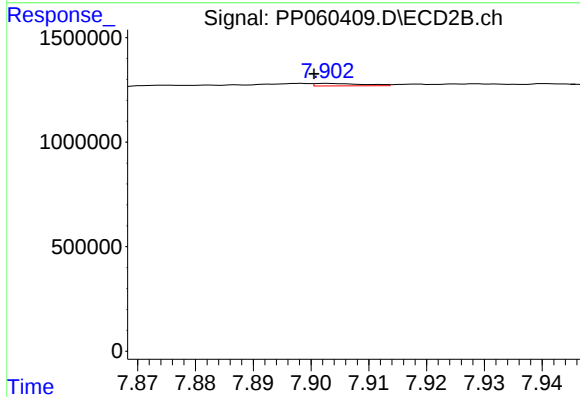
R.T.: 7.696 min
Delta R.T.: 0.005 min
Response: 14725
Conc: 0.06 ng/ml



#43 AR-1268-3

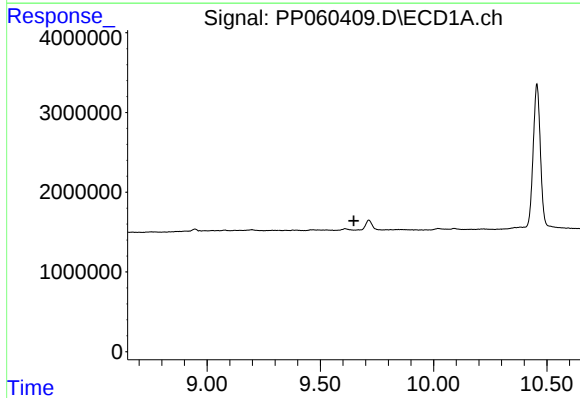
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



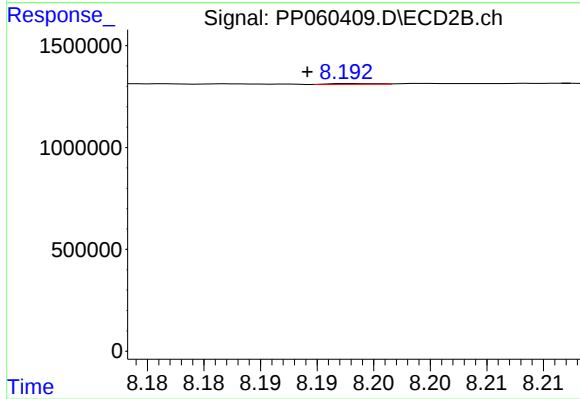
#43 AR-1268-3

R.T.: 7.903 min
Delta R.T.: 0.002 min
Response: 71173
Conc: 0.33 ng/ml



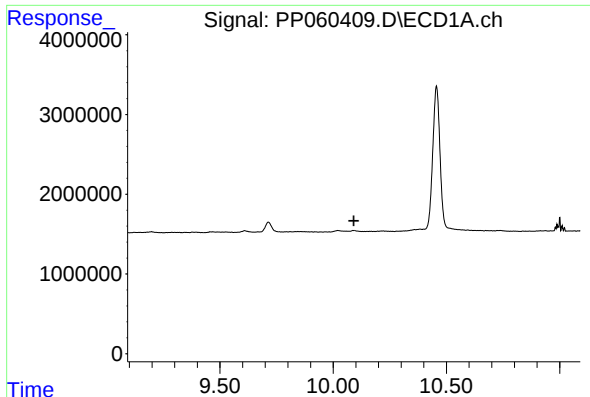
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.648 min
Response: 0
Conc: N.D.



#44 AR-1268-4

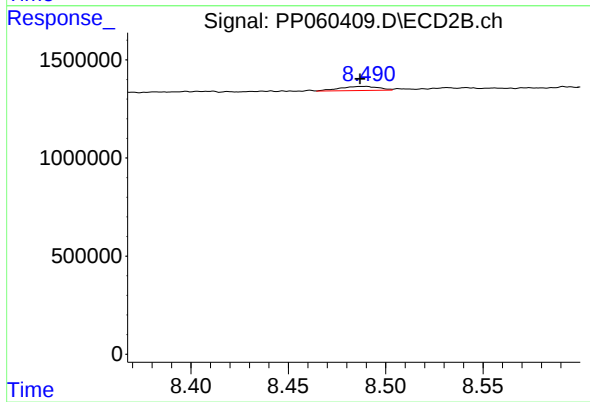
R.T.: 8.193 min
Delta R.T.: 0.004 min
Response: 10245
Conc: 0.12 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.091 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.490 min
Delta R.T.: 0.003 min
Response: 286010
Conc: 0.46 ng/ml