

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092823\
 Data File : PP060351.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2023 15:27
 Operator : YP\AJ
 Sample : 04638-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 17:02:52 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	3.685	42881861	31654620	19.148	21.266
2) SA Decachlor...	10.457	8.748	33608482	27474996	19.036	16.844
Target Compounds						
3) L1 AR-1016-1	0.000	4.783	0	31050	N.D.	0.534 #
4) L1 AR-1016-2	0.000	4.807	0	11786	N.D.	0.146 #
5) L1 AR-1016-3	0.000	4.985	0	146196	N.D.	3.271 #
6) L1 AR-1016-4	0.000	5.024	0	53851	N.D.	1.497 #
7) L1 AR-1016-5	0.000	5.229	0	192357	N.D.	3.959 #
8) L2 AR-1221-1	4.742	3.907	452784	16042	15.674	0.768 #
9) L2 AR-1221-2	4.843	3.988	578324	636296	27.069	42.673 #
10) L2 AR-1221-3	0.000	4.064	0	81339	N.D.	1.852 #
11) L3 AR-1232-1	0.000	4.064	0	81339	N.D.	2.235 #
12) L3 AR-1232-2	0.000	4.807	0	11786	N.D.	0.323 #
13) L3 AR-1232-3	0.000	4.985	0	146196	N.D.	7.304 #
14) L3 AR-1232-4	0.000	5.066	0	74792	N.D.	4.007 #
15) L3 AR-1232-5	0.000	5.229	0	192357	N.D.	9.248 #
16) L4 AR-1242-1	0.000	4.783	0	31050	N.D.	0.613 #
17) L4 AR-1242-2	0.000	4.807	0	11786	N.D.	0.170 #
18) L4 AR-1242-3	0.000	4.985	0	146196	N.D.	3.796 #
19) L4 AR-1242-4	0.000	5.066	0	74792	N.D.	1.899 #
20) L4 AR-1242-5	6.652	5.593	8160619	264829	162.252	5.414 #
21) L5 AR-1248-1	0.000	4.783	0	31050	N.D.	0.851 #
22) L5 AR-1248-2	0.000	5.024	0	53851	N.D.	1.030 #
23) L5 AR-1248-3	0.000	5.066	0	74792	N.D.	1.347 #
24) L5 AR-1248-4	0.000	5.229	0	192357	N.D.	2.922 #
25) L5 AR-1248-5	6.652	5.634	8160619	39753	101.396	0.618 #
26) L6 AR-1254-1	0.000	5.593	0	264829	N.D.	2.677 #
27) L6 AR-1254-2	6.813	5.742	1270429	52233	9.954	0.608 #
28) L6 AR-1254-3	7.178	6.149	1162222	624369	8.744	4.356 #
29) L6 AR-1254-4	7.461	6.377	972424	216194	9.888	2.480 #
30) L6 AR-1254-5	0.000	6.798	0	496102	N.D.	3.915 #
31) L7 AR-1260-1	0.000	6.283	0	89995	N.D.	0.897 #
32) L7 AR-1260-2	7.599	6.451f	1131552	832937	9.359	6.982 #
33) L7 AR-1260-3	0.000	6.622	0	89473	N.D.	0.781 #
34) L7 AR-1260-4	0.000	7.103	0	134259	N.D.	1.411 #
35) L7 AR-1260-5	0.000	7.340	0	88850	N.D.	0.410 #
36) L8 AR-1262-1	0.000	6.890	0	85602	N.D.	1.599 #
37) L8 AR-1262-2	0.000	7.095	0	91383	N.D.	0.775 #
38) L8 AR-1262-3	0.000	7.623	0	25001	N.D.	0.271 #
39) L8 AR-1262-4	8.945	7.693	1097744	549604	9.173	3.262 #
40) L8 AR-1262-5	0.000	8.202	0	324101	N.D.	4.183 #
41) L9 AR-1268-1	0.000	7.631	0	4989	N.D.	0.018 #

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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	8.945	7.693	1097744	549604	4.504	2.254 #
43) L9	AR-1268-3	0.000	7.903	0	39434	N.D.	0.184 #
44) L9	AR-1268-4	0.000	8.202	0	324101	N.D.	3.694 #
45) L9	AR-1268-5	10.071f	8.490	19636564	297455	31.016	0.476 #

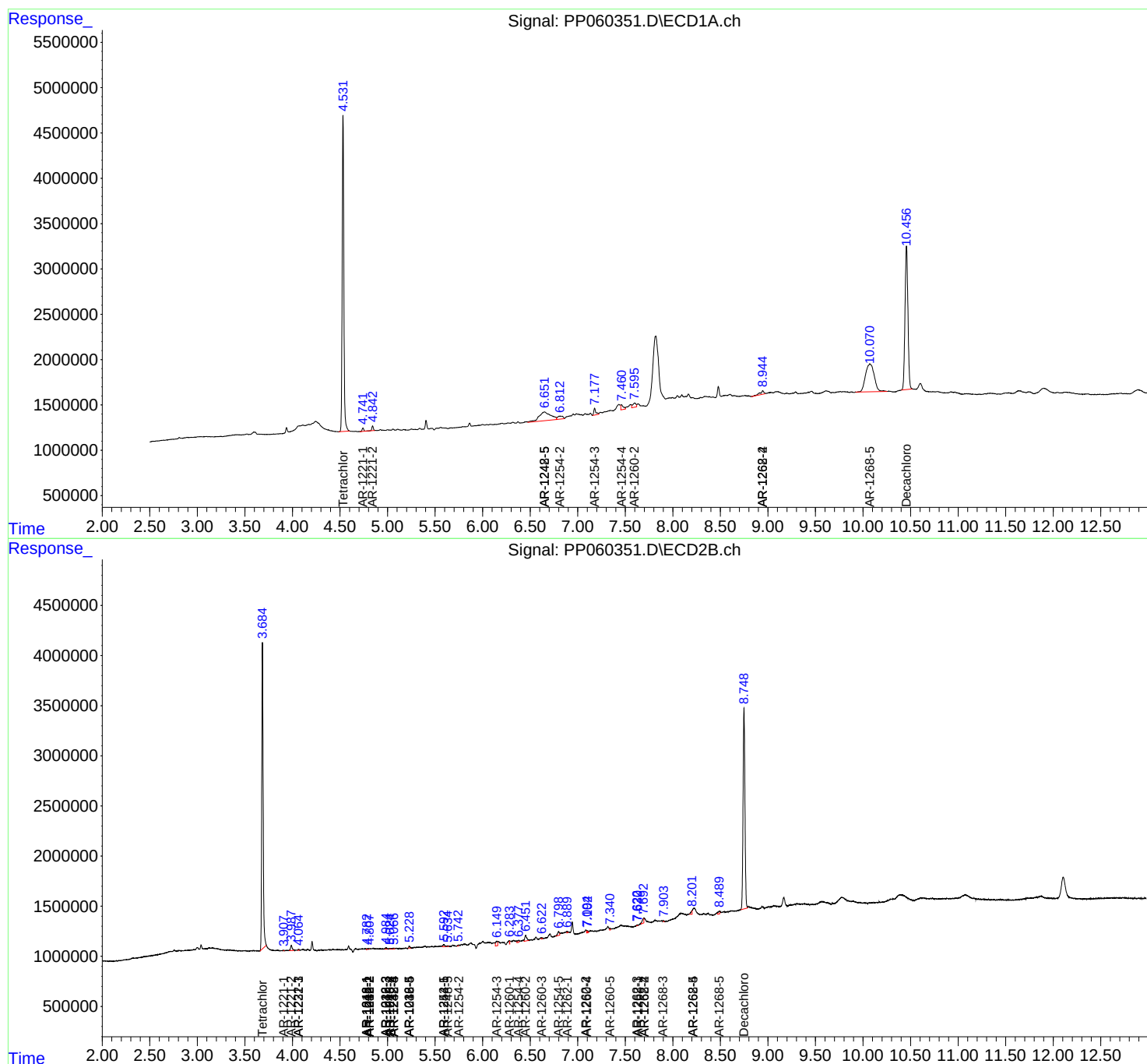
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

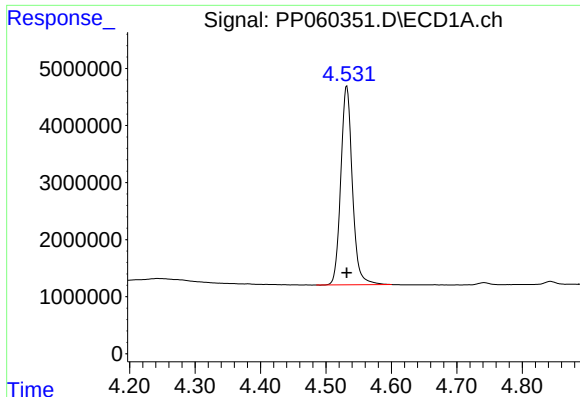
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092823\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

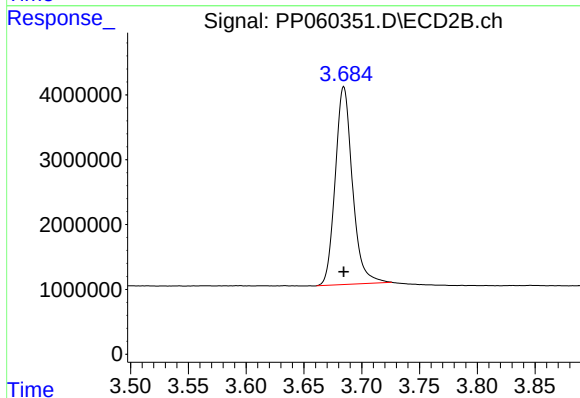




#1 Tetrachloro-m-xylene

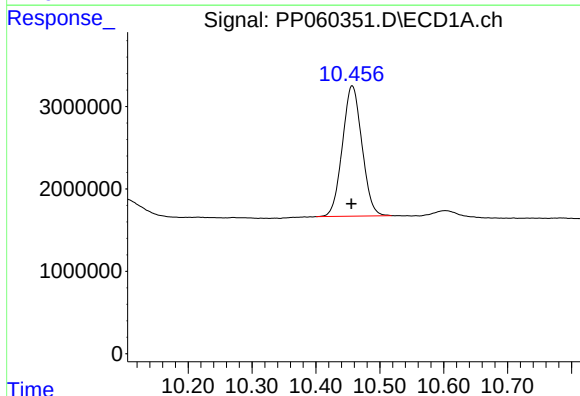
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 42881861
Conc: 19.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



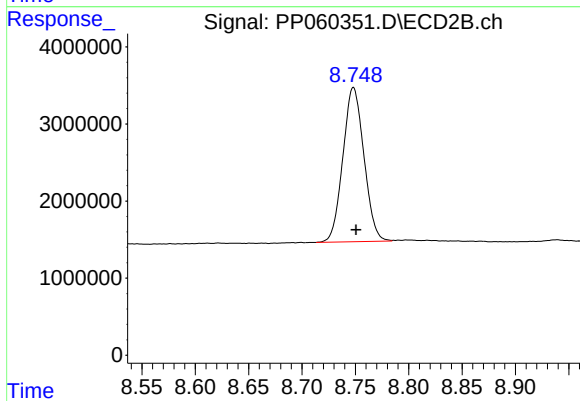
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 31654620
Conc: 21.27 ng/ml



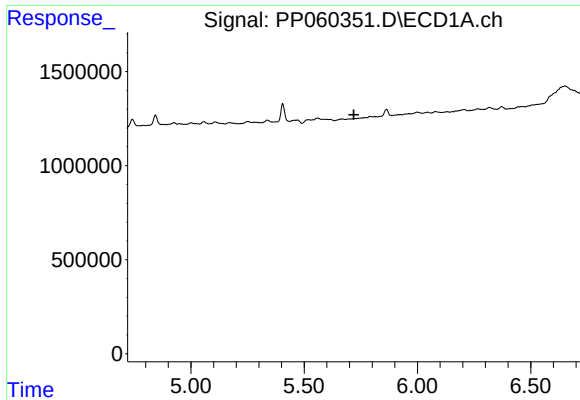
#2 Decachlorobiphenyl

R.T.: 10.457 min
Delta R.T.: 0.001 min
Response: 33608482
Conc: 19.04 ng/ml



#2 Decachlorobiphenyl

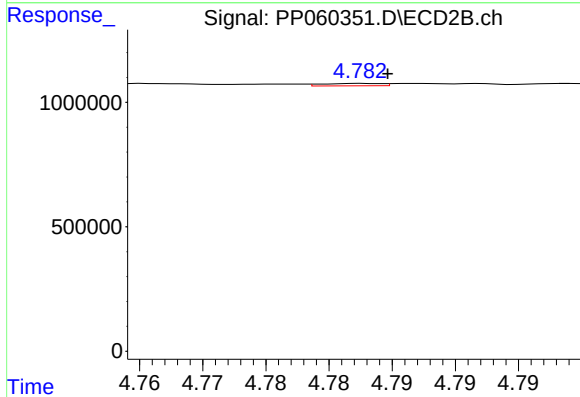
R.T.: 8.748 min
Delta R.T.: -0.002 min
Response: 27474996
Conc: 16.84 ng/ml



#3 AR-1016-1

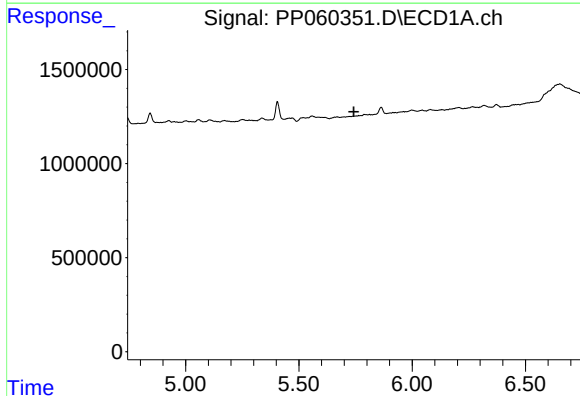
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



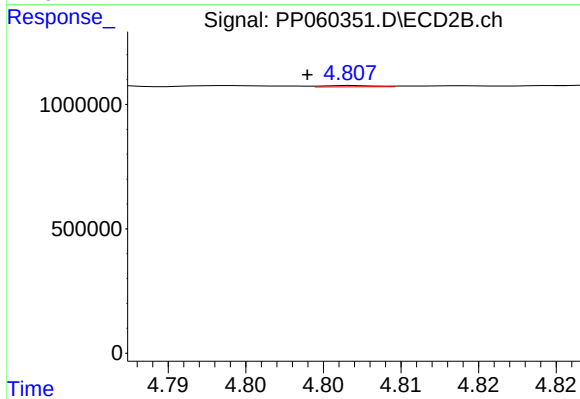
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 31050
Conc: 0.53 ng/ml



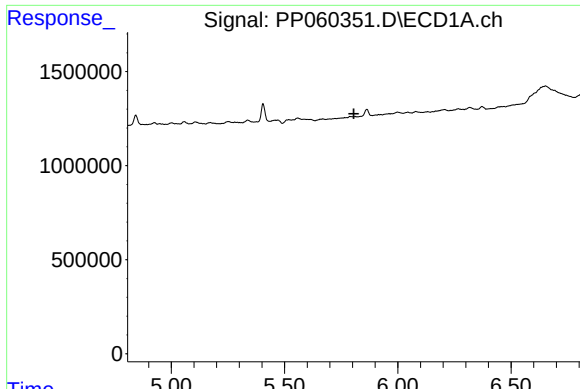
#4 AR-1016-2

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



#4 AR-1016-2

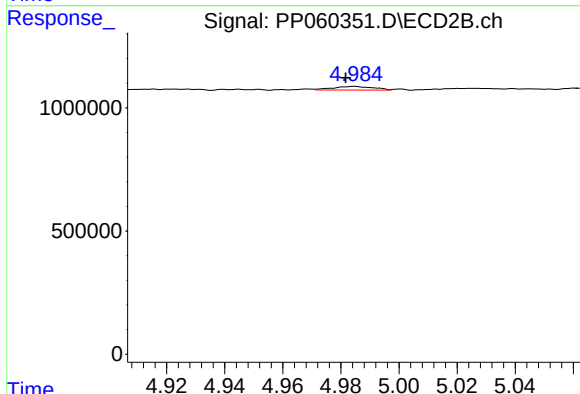
R.T.: 4.807 min
Delta R.T.: 0.003 min
Response: 11786
Conc: 0.15 ng/ml



#5 AR-1016-3

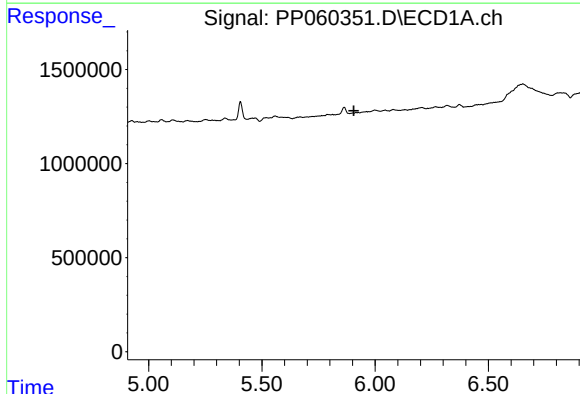
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



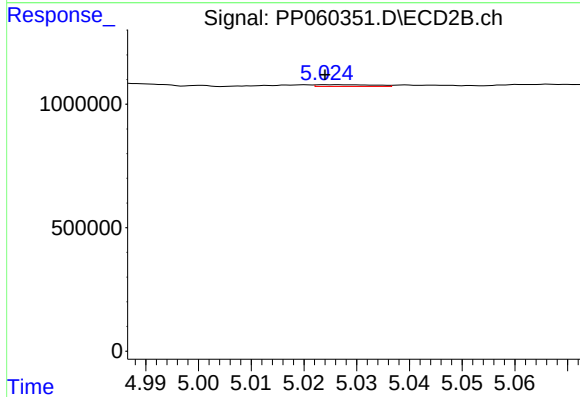
#5 AR-1016-3

R.T.: 4.985 min
Delta R.T.: 0.003 min
Response: 146196
Conc: 3.27 ng/ml



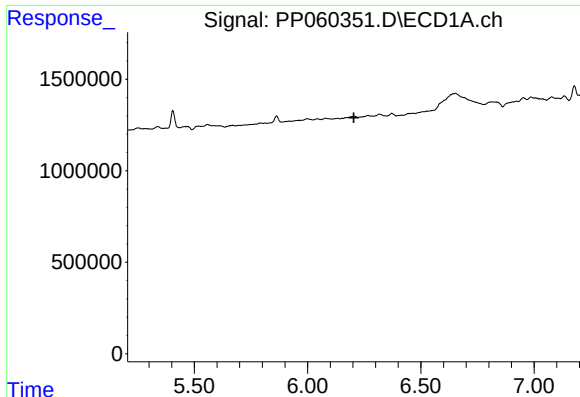
#6 AR-1016-4

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



#6 AR-1016-4

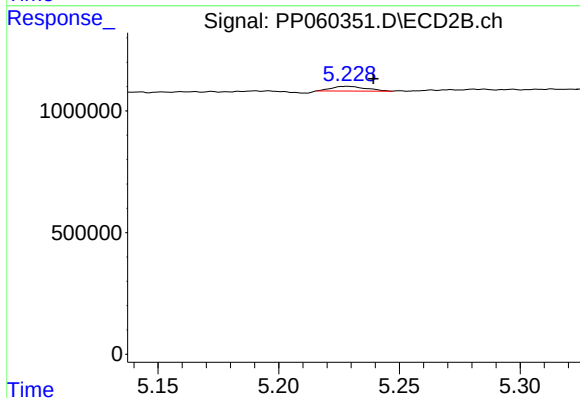
R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 53851
Conc: 1.50 ng/ml



#7 AR-1016-5

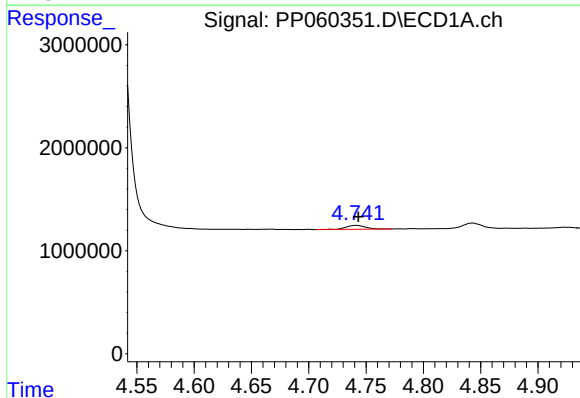
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



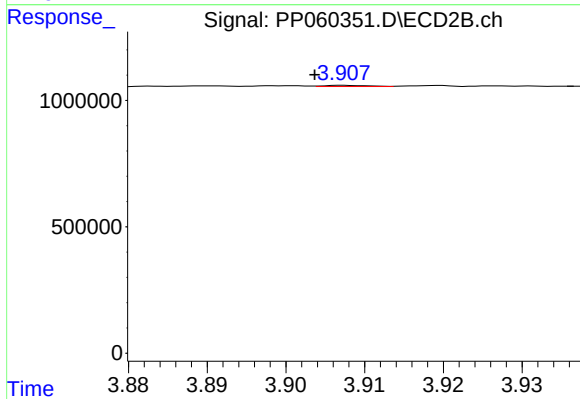
#7 AR-1016-5

R.T.: 5.229 min
Delta R.T.: -0.011 min
Response: 192357
Conc: 3.96 ng/ml



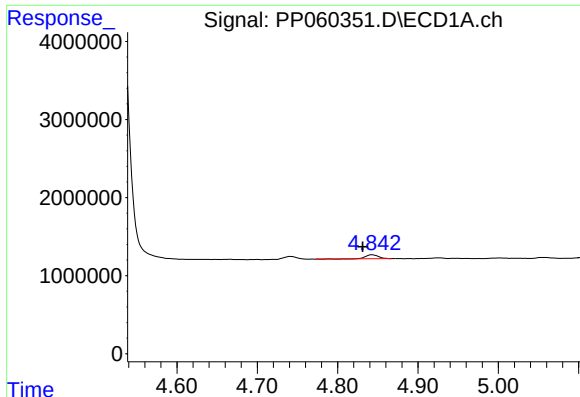
#8 AR-1221-1

R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 452784
Conc: 15.67 ng/ml



#8 AR-1221-1

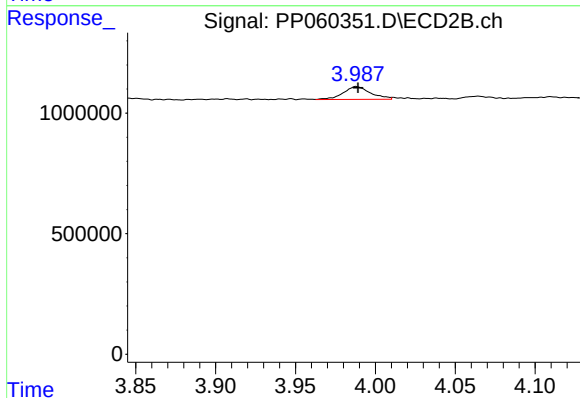
R.T.: 3.907 min
Delta R.T.: 0.004 min
Response: 16042
Conc: 0.77 ng/ml



#9 AR-1221-2

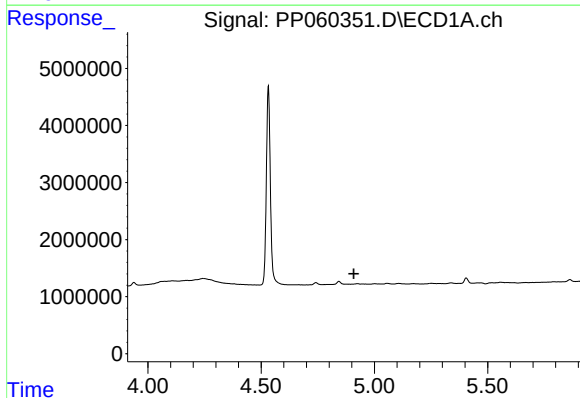
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 578324
Conc: 27.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



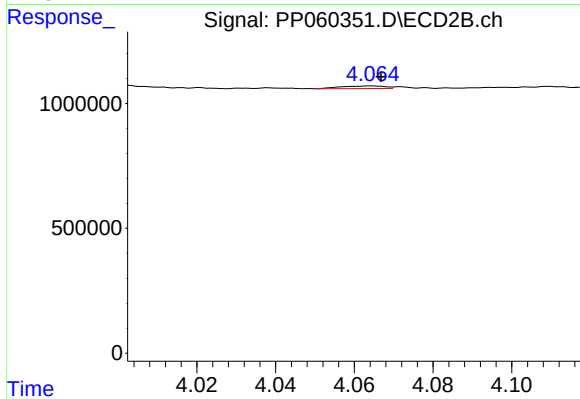
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: -0.002 min
Response: 636296
Conc: 42.67 ng/ml



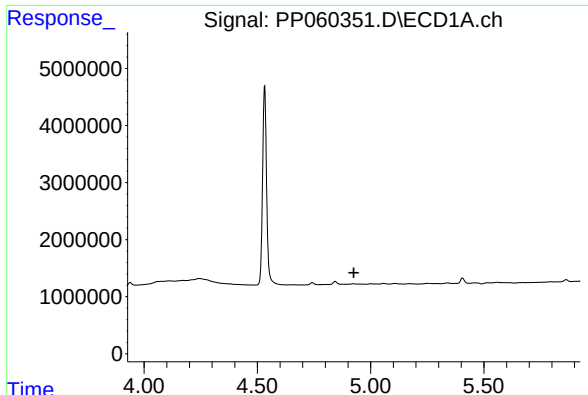
#10 AR-1221-3

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



#10 AR-1221-3

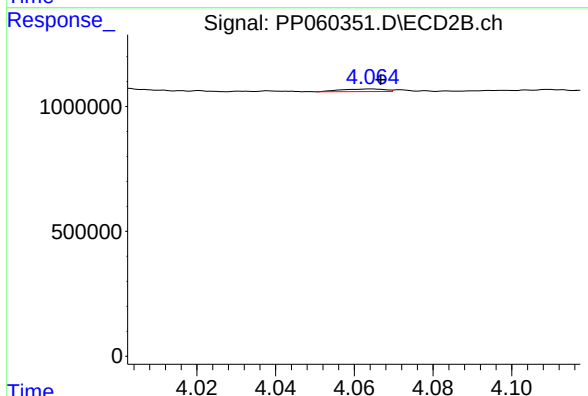
R.T.: 4.064 min
Delta R.T.: -0.002 min
Response: 81339
Conc: 1.85 ng/ml



#11 AR-1232-1

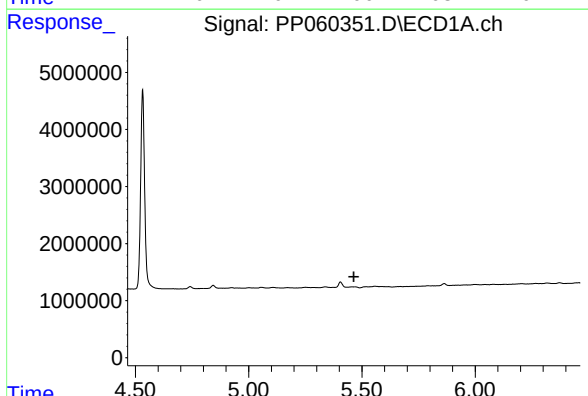
R.T.: 0.000 min
Exp R.T.: 4.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



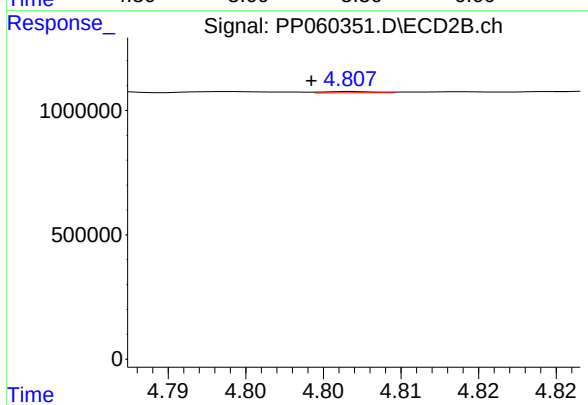
#11 AR-1232-1

R.T.: 4.064 min
Delta R.T.: -0.002 min
Response: 81339
Conc: 2.24 ng/ml



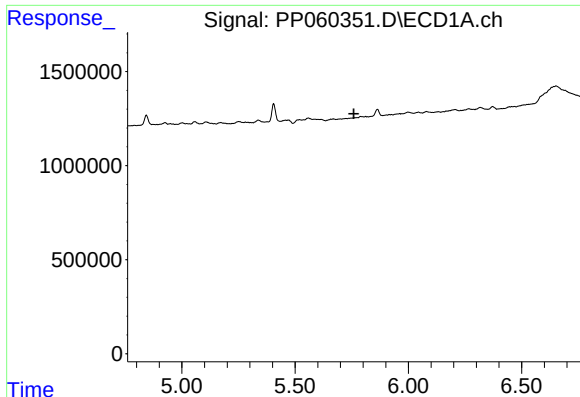
#12 AR-1232-2

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



#12 AR-1232-2

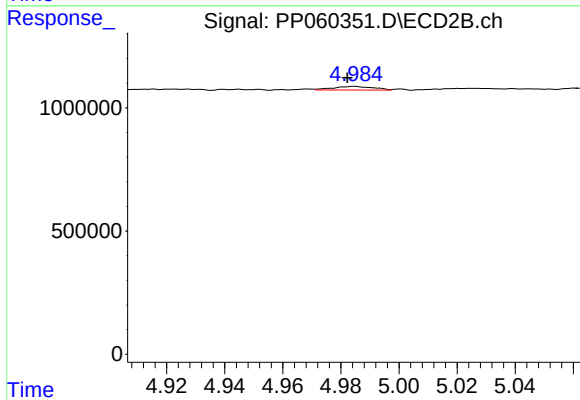
R.T.: 4.807 min
Delta R.T.: 0.003 min
Response: 11786
Conc: 0.32 ng/ml



#13 AR-1232-3

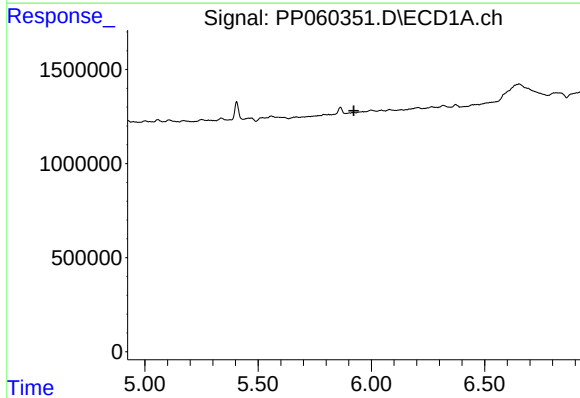
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



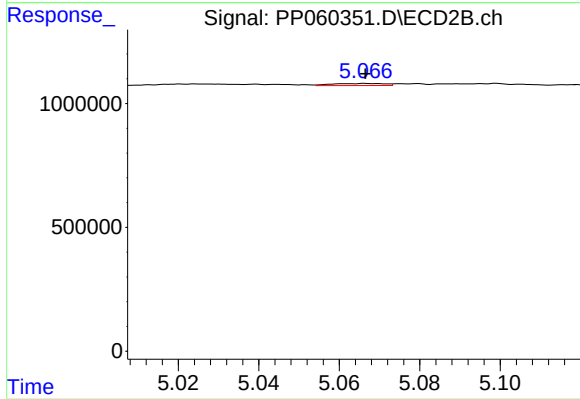
#13 AR-1232-3

R.T.: 4.985 min
Delta R.T.: 0.002 min
Response: 146196
Conc: 7.30 ng/ml



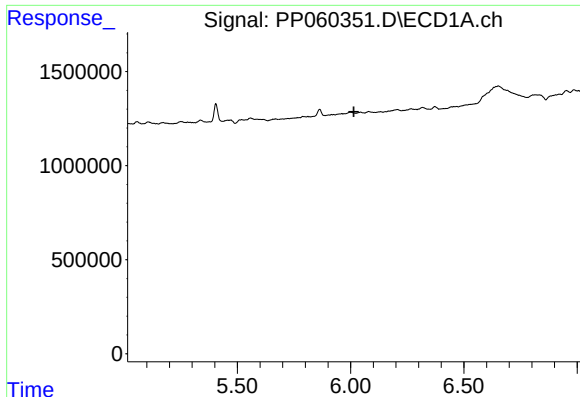
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.922 min
Response: 0
Conc: N.D.



#14 AR-1232-4

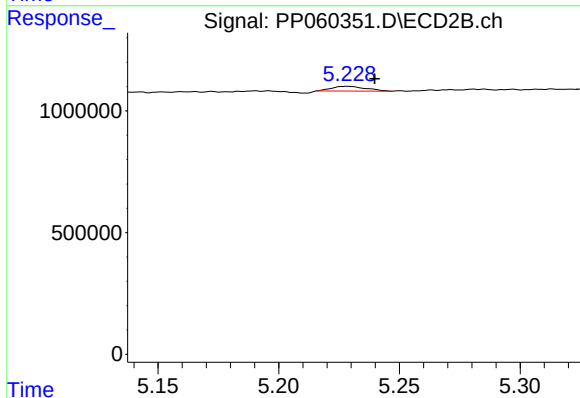
R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 74792
Conc: 4.01 ng/ml



#15 AR-1232-5

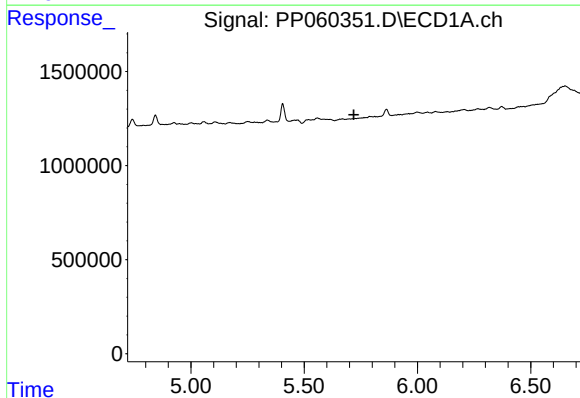
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



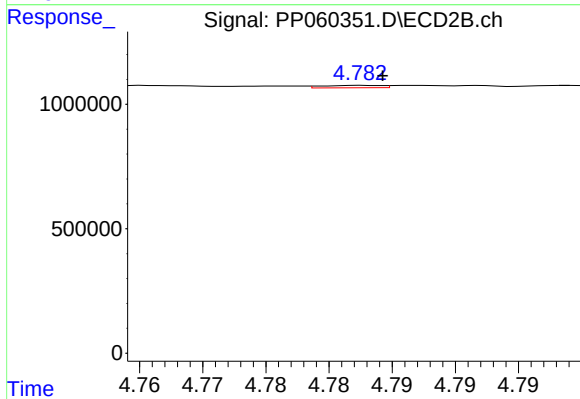
#15 AR-1232-5

R.T.: 5.229 min
Delta R.T.: -0.011 min
Response: 192357
Conc: 9.25 ng/ml



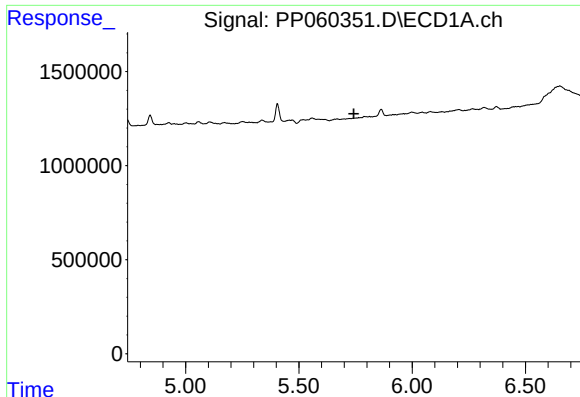
#16 AR-1242-1

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



#16 AR-1242-1

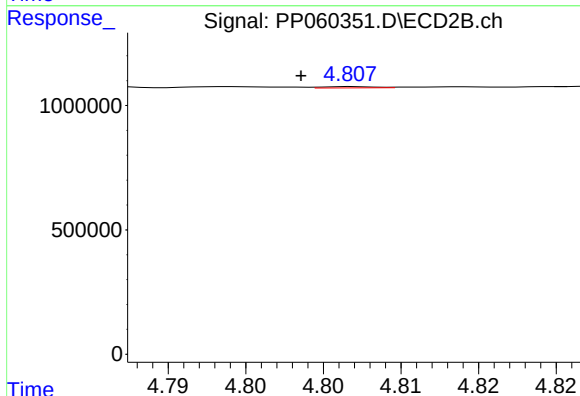
R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 31050
Conc: 0.61 ng/ml



#17 AR-1242-2

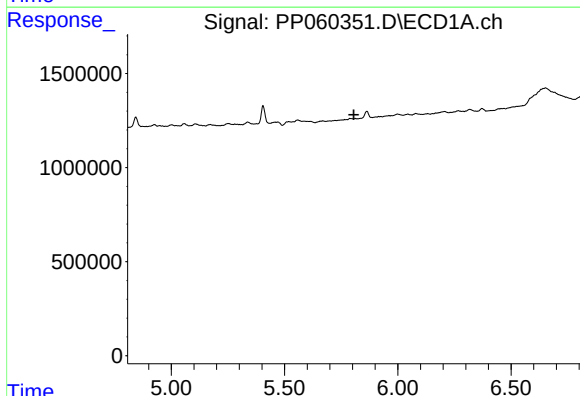
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



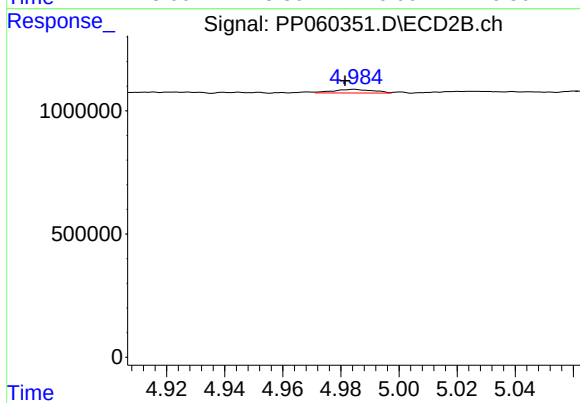
#17 AR-1242-2

R.T.: 4.807 min
Delta R.T.: 0.003 min
Response: 11786
Conc: 0.17 ng/ml



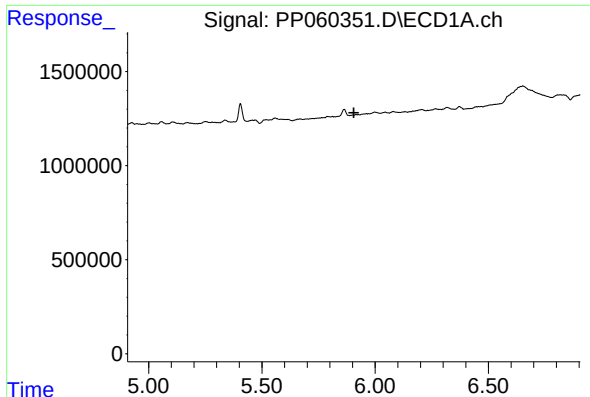
#18 AR-1242-3

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



#18 AR-1242-3

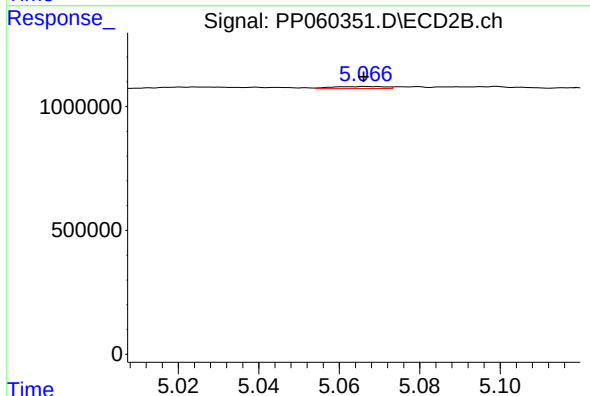
R.T.: 4.985 min
Delta R.T.: 0.003 min
Response: 146196
Conc: 3.80 ng/ml



#19 AR-1242-4

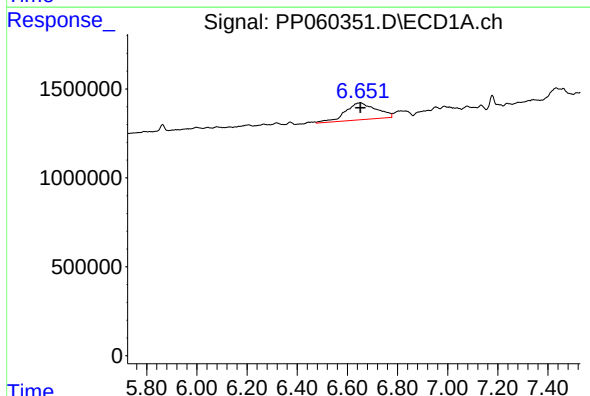
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



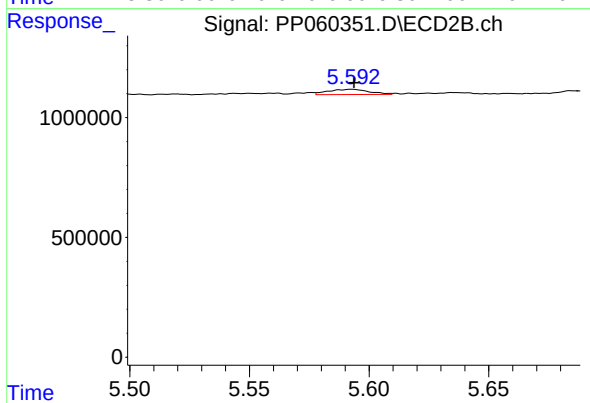
#19 AR-1242-4

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 74792
Conc: 1.90 ng/ml



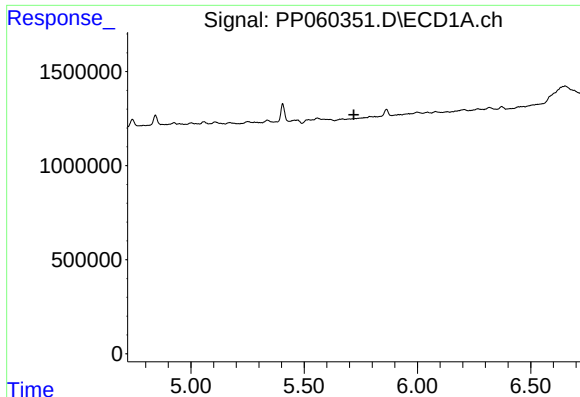
#20 AR-1242-5

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 8160619
Conc: 162.25 ng/ml



#20 AR-1242-5

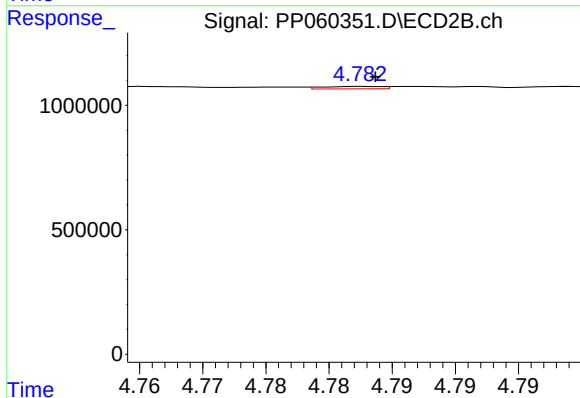
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 264829
Conc: 5.41 ng/ml



#21 AR-1248-1

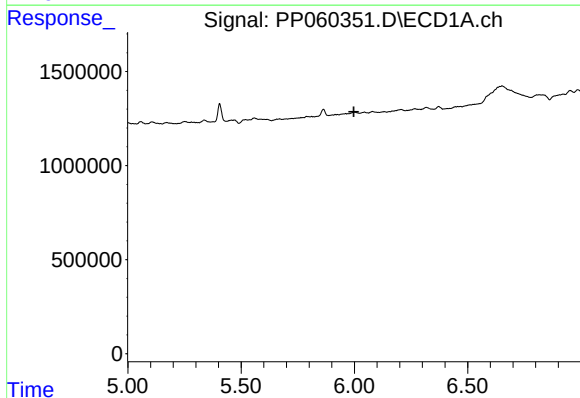
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



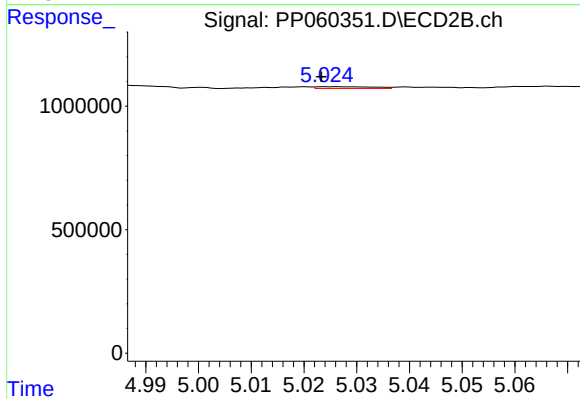
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 31050
Conc: 0.85 ng/ml



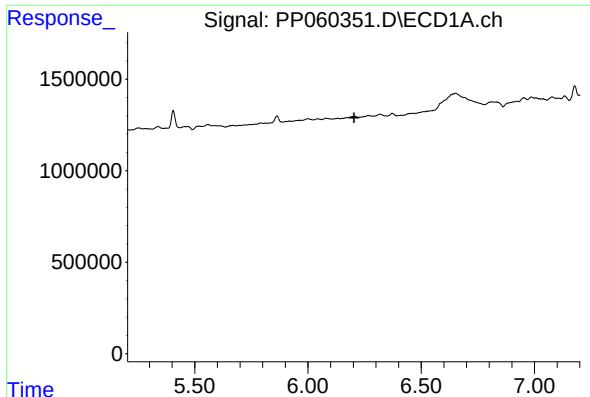
#22 AR-1248-2

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



#22 AR-1248-2

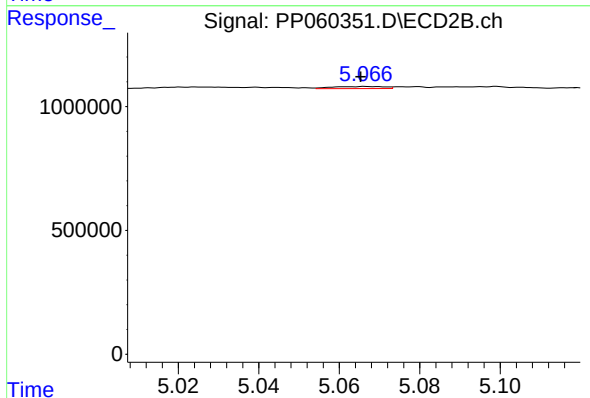
R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 53851
Conc: 1.03 ng/ml



#23 AR-1248-3

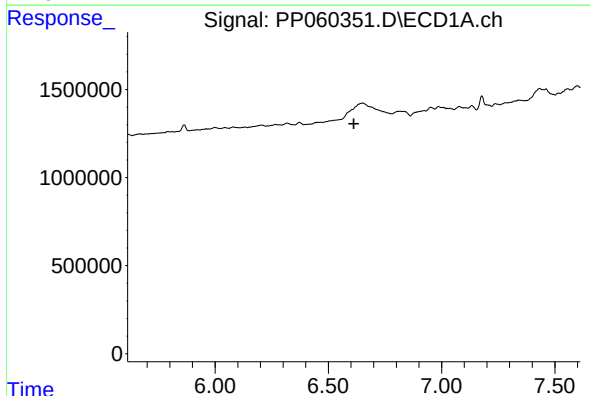
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



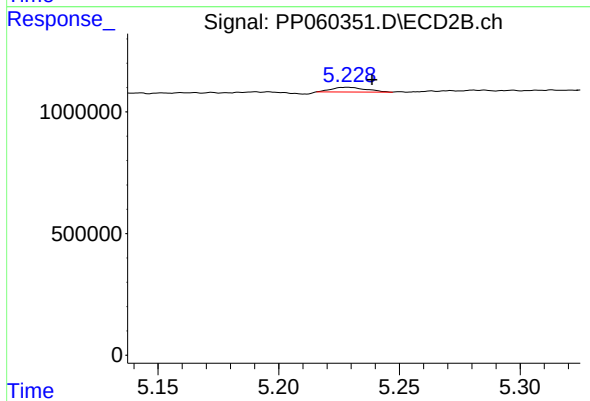
#23 AR-1248-3

R.T.: 5.066 min
Delta R.T.: 0.001 min
Response: 74792
Conc: 1.35 ng/ml



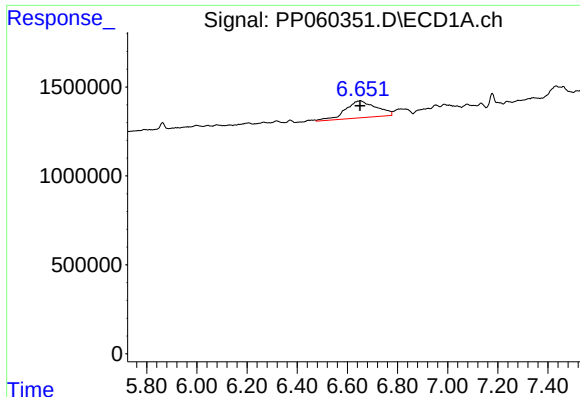
#24 AR-1248-4

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



#24 AR-1248-4

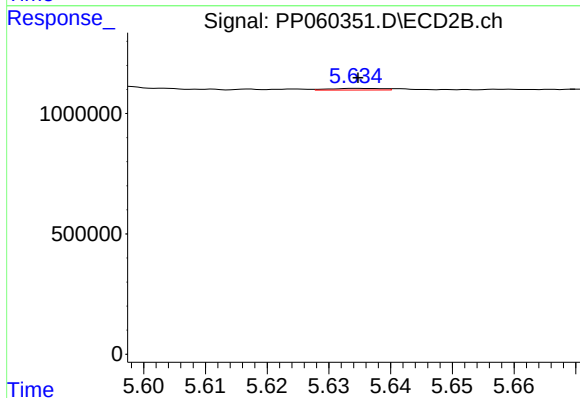
R.T.: 5.229 min
Delta R.T.: -0.010 min
Response: 192357
Conc: 2.92 ng/ml



#25 AR-1248-5

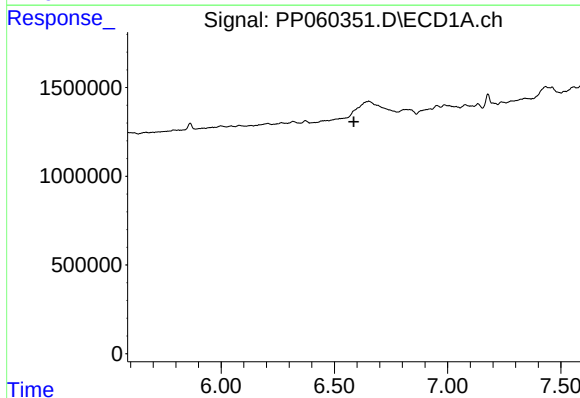
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 8160619
Conc: 101.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



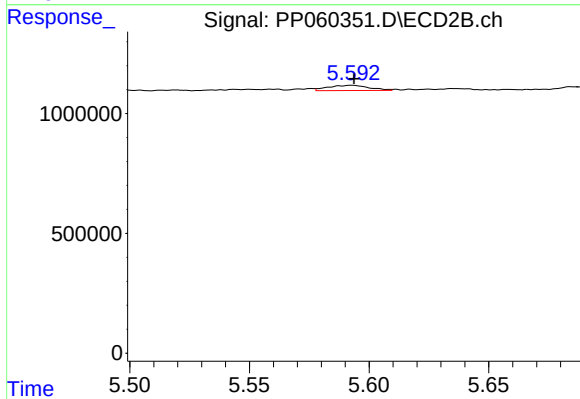
#25 AR-1248-5

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 39753
Conc: 0.62 ng/ml



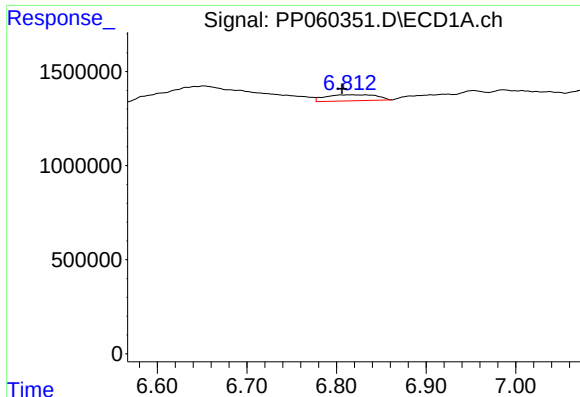
#26 AR-1254-1

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



#26 AR-1254-1

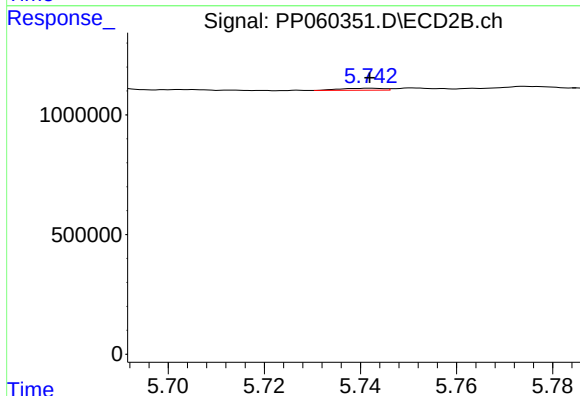
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 264829
Conc: 2.68 ng/ml



#27 AR-1254-2

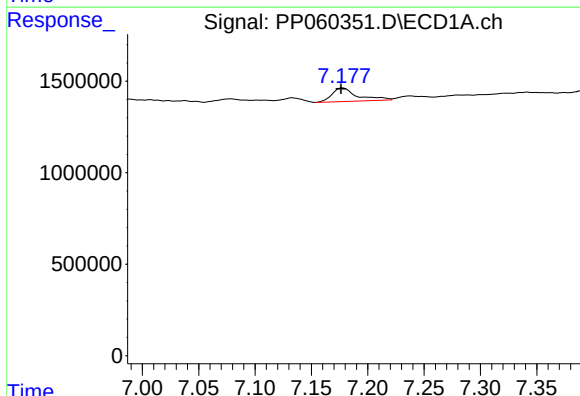
R.T.: 6.813 min
Delta R.T.: 0.007 min
Response: 1270429
Conc: 9.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



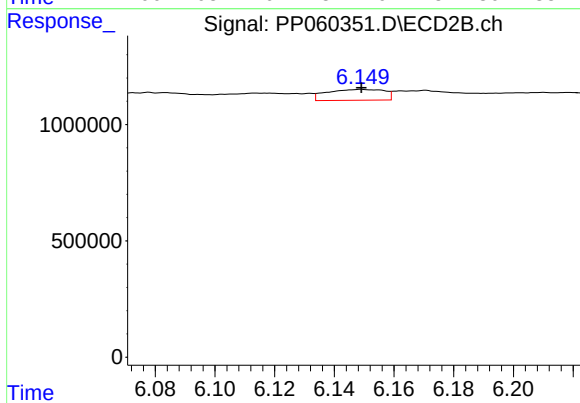
#27 AR-1254-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 52233
Conc: 0.61 ng/ml



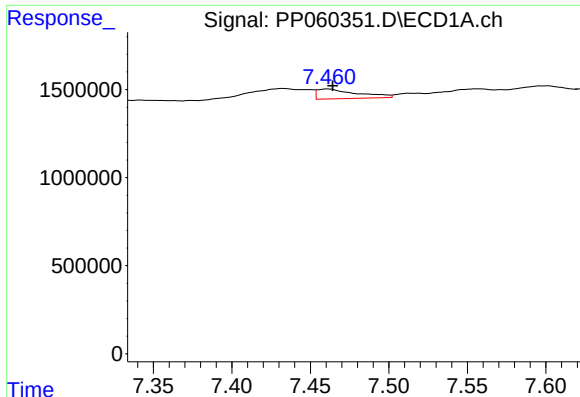
#28 AR-1254-3

R.T.: 7.178 min
Delta R.T.: 0.001 min
Response: 1162222
Conc: 8.74 ng/ml



#28 AR-1254-3

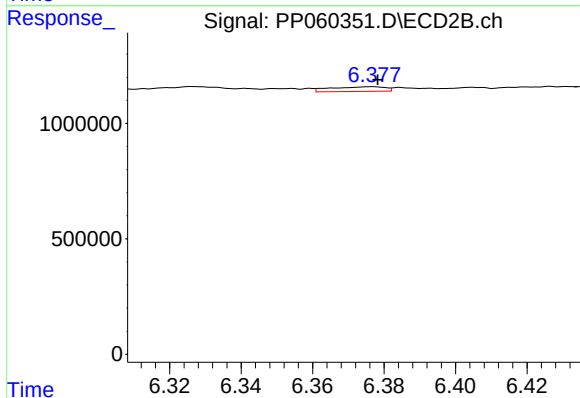
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 624369
Conc: 4.36 ng/ml



#29 AR-1254-4

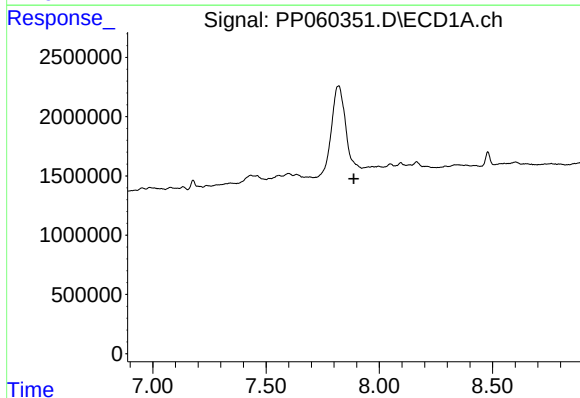
R.T.: 7.461 min
Delta R.T.: -0.003 min
Response: 972424
Conc: 9.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



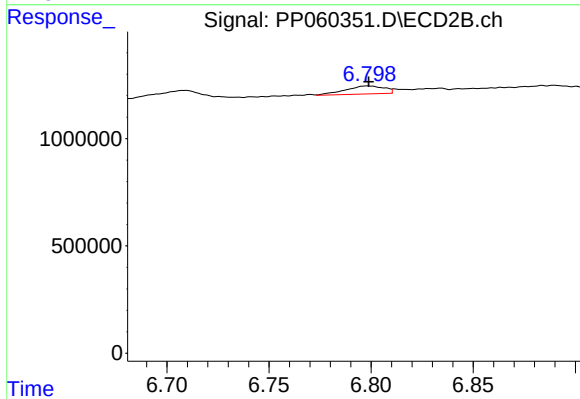
#29 AR-1254-4

R.T.: 6.377 min
Delta R.T.: -0.001 min
Response: 216194
Conc: 2.48 ng/ml



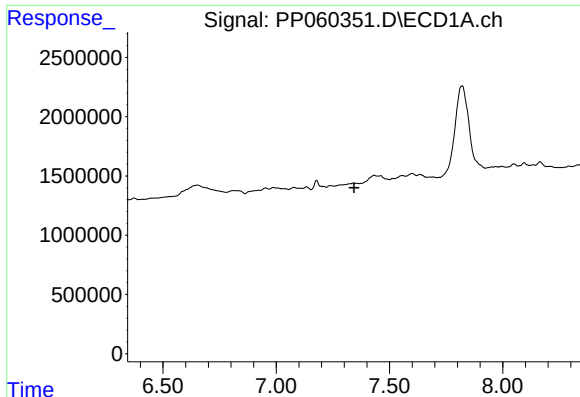
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.887 min
Response: 0
Conc: N.D.



#30 AR-1254-5

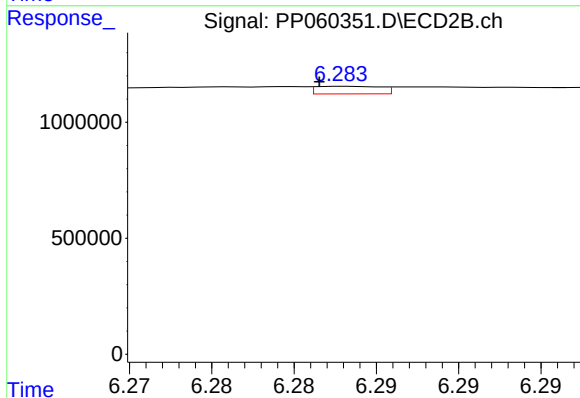
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 496102
Conc: 3.91 ng/ml



#31 AR-1260-1

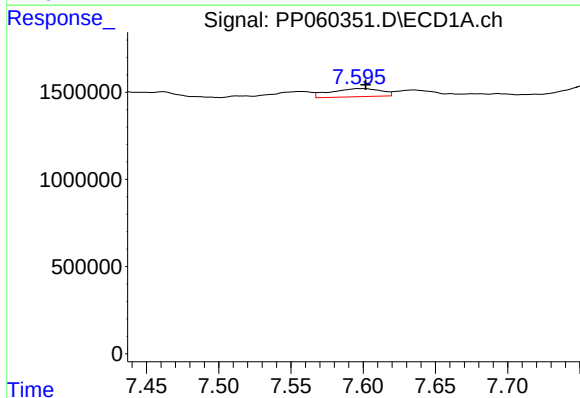
R.T.: 0.000 min
Exp R.T.: 7.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



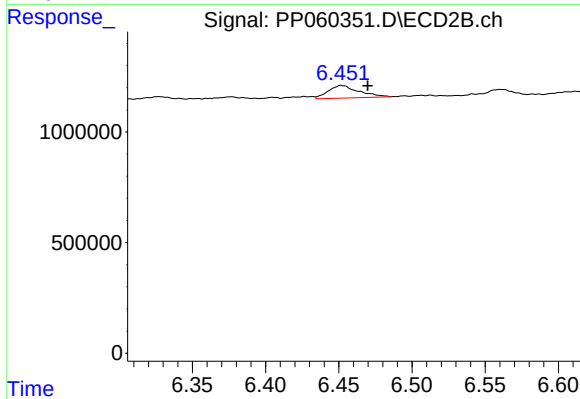
#31 AR-1260-1

R.T.: 6.283 min
Delta R.T.: 0.002 min
Response: 89995
Conc: 0.90 ng/ml



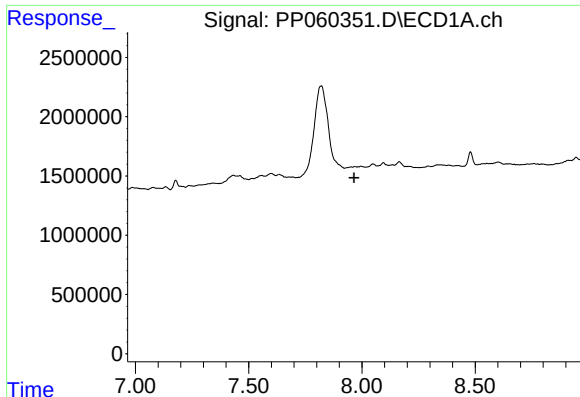
#32 AR-1260-2

R.T.: 7.599 min
Delta R.T.: -0.003 min
Response: 1131552
Conc: 9.36 ng/ml



#32 AR-1260-2

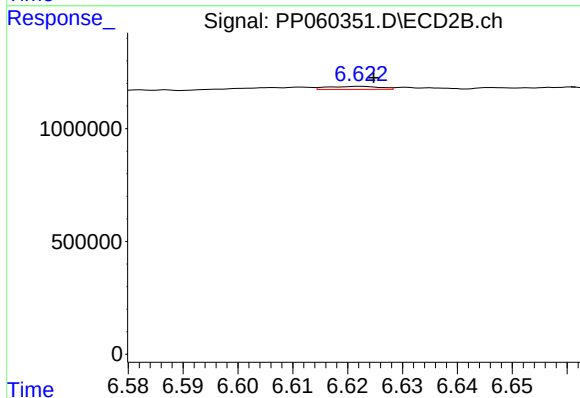
R.T.: 6.451 min
Delta R.T.: -0.018 min
Response: 832937
Conc: 6.98 ng/ml



#33 AR-1260-3

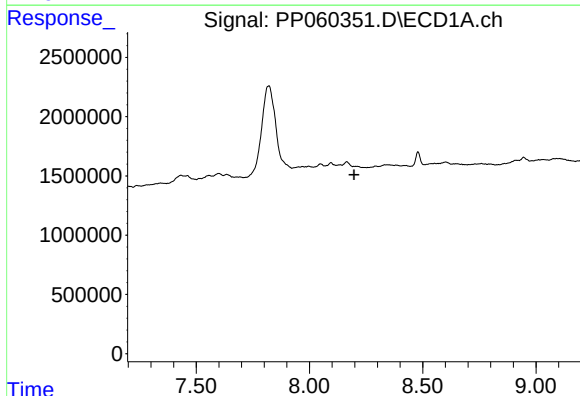
R.T.: 0.000 min
Exp R.T.: 7.965 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



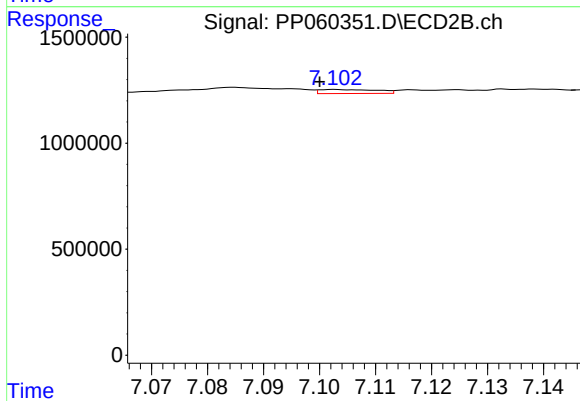
#33 AR-1260-3

R.T.: 6.622 min
Delta R.T.: -0.003 min
Response: 89473
Conc: 0.78 ng/ml



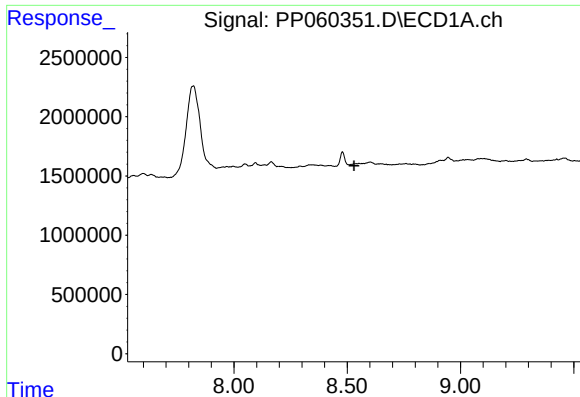
#34 AR-1260-4

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



#34 AR-1260-4

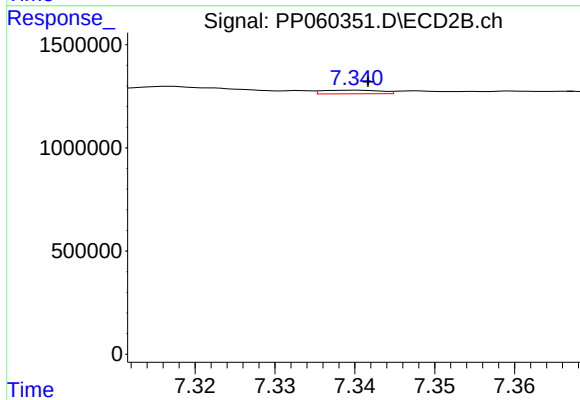
R.T.: 7.103 min
Delta R.T.: 0.003 min
Response: 134259
Conc: 1.41 ng/ml



#35 AR-1260-5

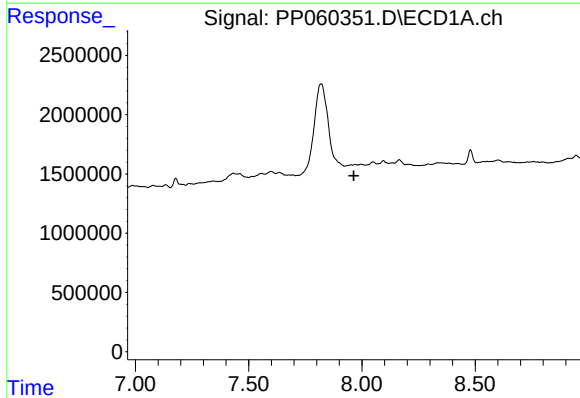
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



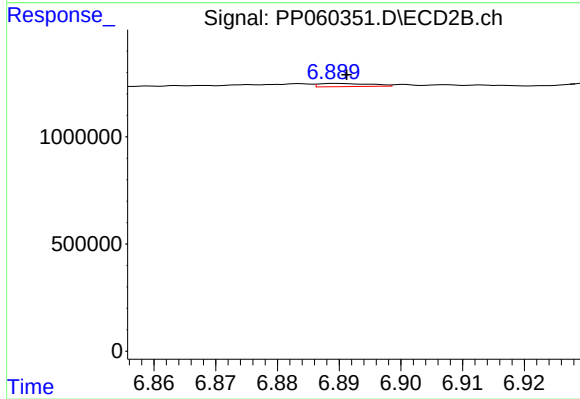
#35 AR-1260-5

R.T.: 7.340 min
Delta R.T.: -0.001 min
Response: 88850
Conc: 0.41 ng/ml



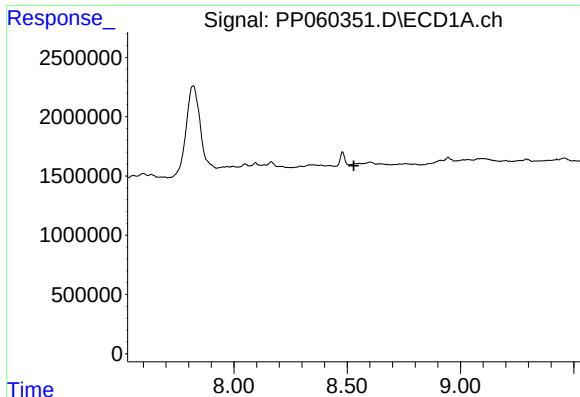
#36 AR-1262-1

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



#36 AR-1262-1

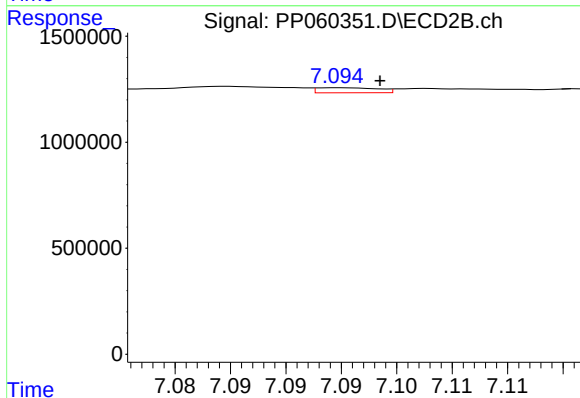
R.T.: 6.890 min
Delta R.T.: -0.002 min
Response: 85602
Conc: 1.60 ng/ml



#37 AR-1262-2

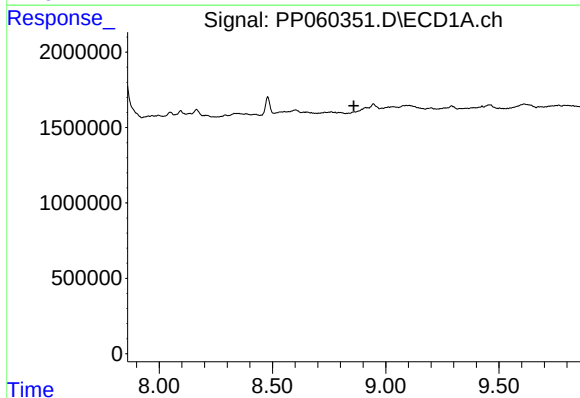
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



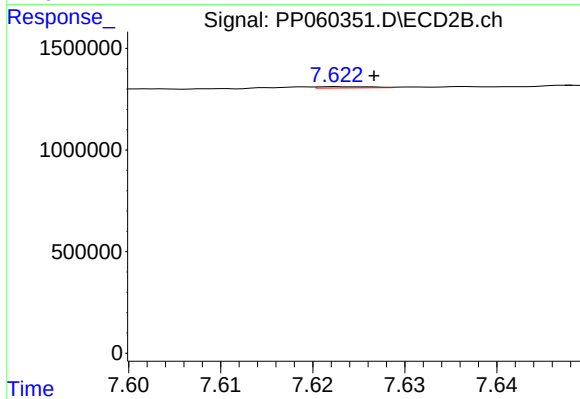
#37 AR-1262-2

R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 91383
Conc: 0.77 ng/ml



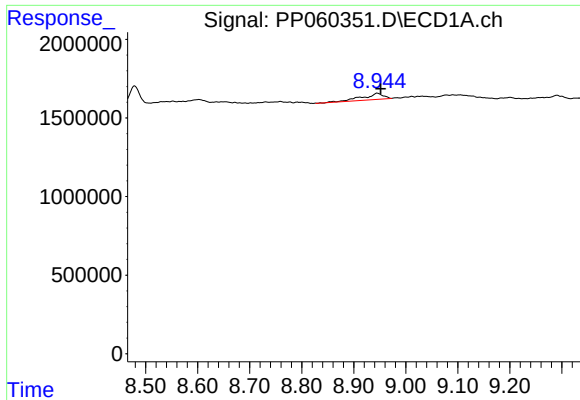
#38 AR-1262-3

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



#38 AR-1262-3

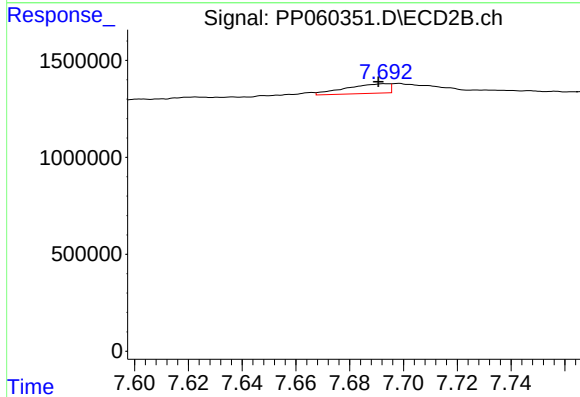
R.T.: 7.623 min
Delta R.T.: -0.004 min
Response: 25001
Conc: 0.27 ng/ml



#39 AR-1262-4

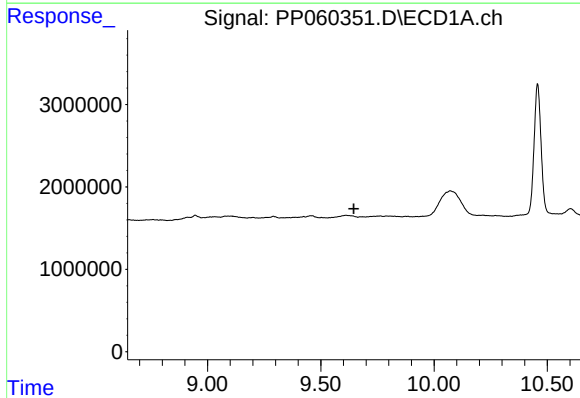
R.T.: 8.945 min
Delta R.T.: -0.006 min
Response: 1097744
Conc: 9.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



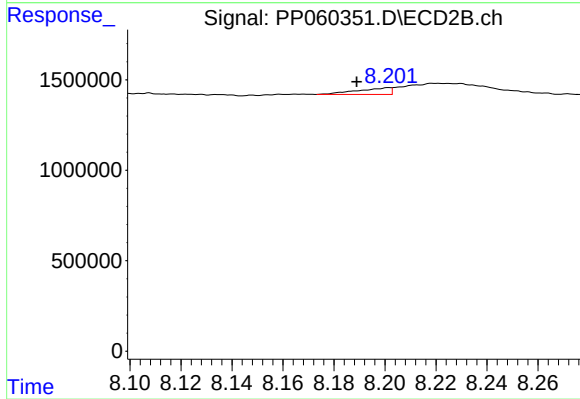
#39 AR-1262-4

R.T.: 7.693 min
Delta R.T.: 0.002 min
Response: 549604
Conc: 3.26 ng/ml



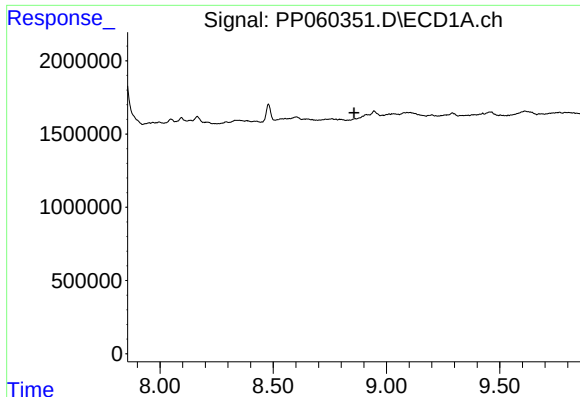
#40 AR-1262-5

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



#40 AR-1262-5

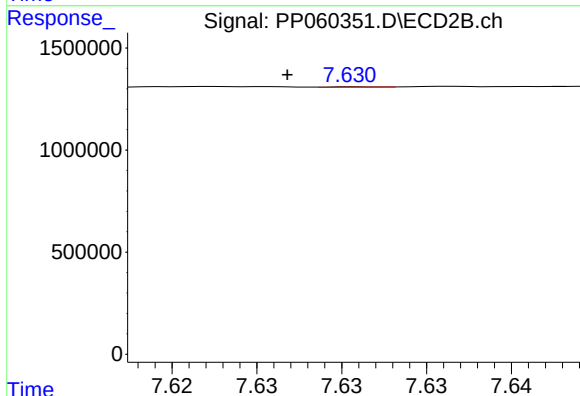
R.T.: 8.202 min
Delta R.T.: 0.013 min
Response: 324101
Conc: 4.18 ng/ml



#41 AR-1268-1

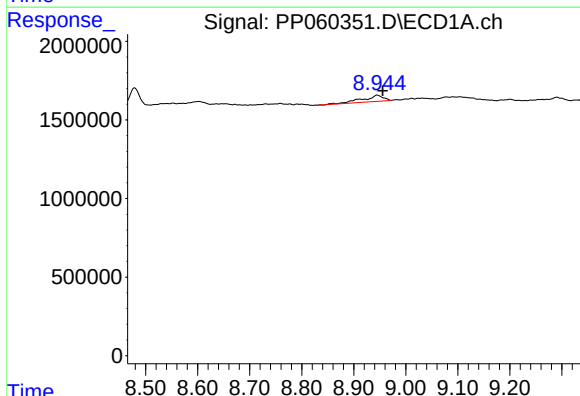
R.T.: 0.000 min
Exp R.T.: 8.856 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



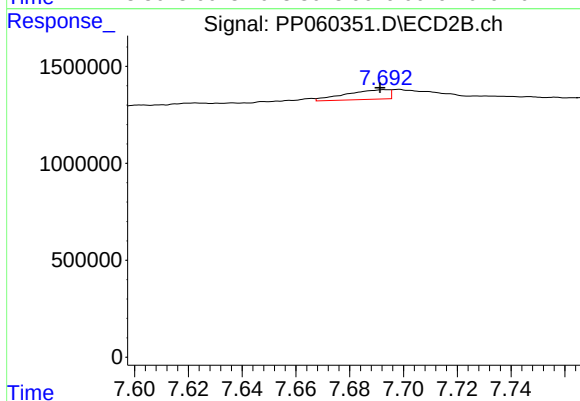
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: 0.004 min
Response: 4989
Conc: 0.02 ng/ml



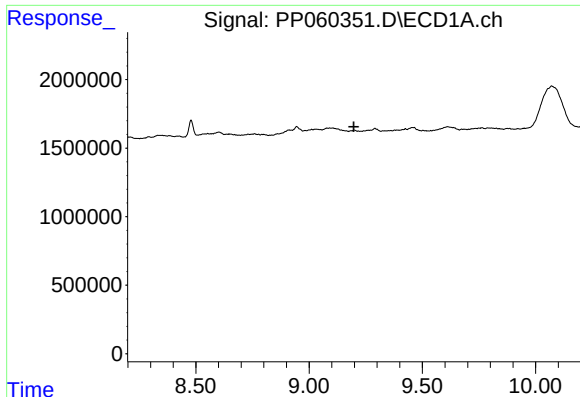
#42 AR-1268-2

R.T.: 8.945 min
Delta R.T.: -0.011 min
Response: 1097744
Conc: 4.50 ng/ml



#42 AR-1268-2

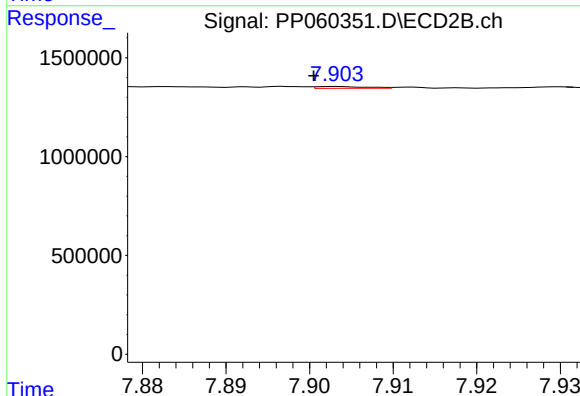
R.T.: 7.693 min
Delta R.T.: 0.002 min
Response: 549604
Conc: 2.25 ng/ml



#43 AR-1268-3

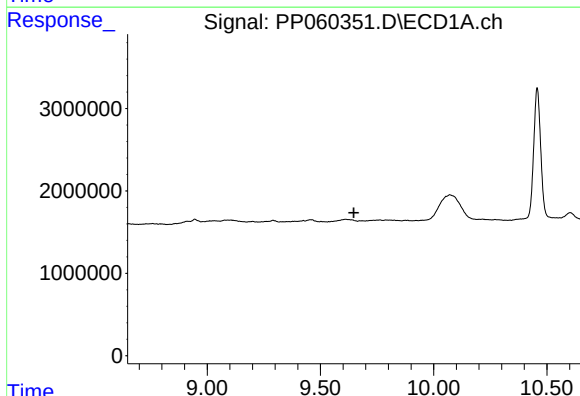
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



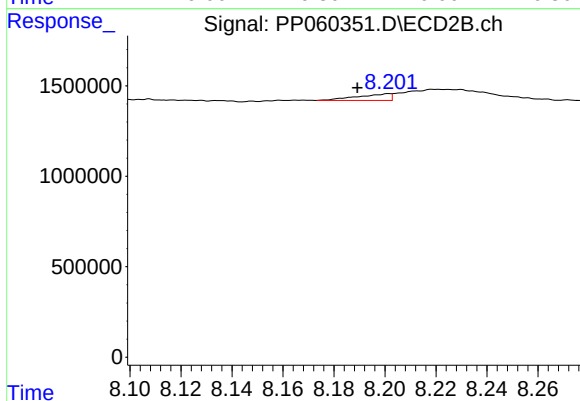
#43 AR-1268-3

R.T.: 7.903 min
Delta R.T.: 0.003 min
Response: 39434
Conc: 0.18 ng/ml



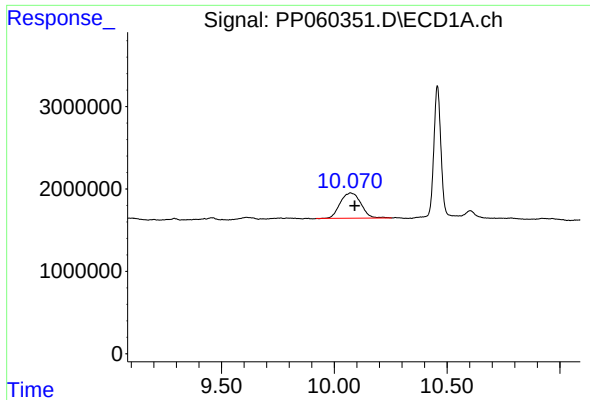
#44 AR-1268-4

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



#44 AR-1268-4

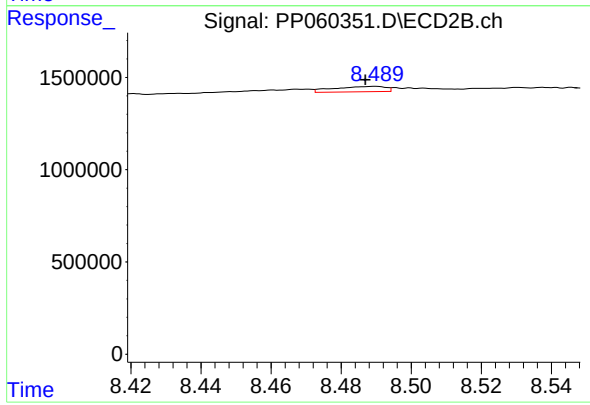
R.T.: 8.202 min
Delta R.T.: 0.013 min
Response: 324101
Conc: 3.69 ng/ml



#45 AR-1268-5

R.T.: 10.071 min
Delta R.T.: -0.020 min
Response: 19636564
Conc: 31.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.490 min
Delta R.T.: 0.003 min
Response: 297455
Conc: 0.48 ng/ml