

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092023\
 Data File : PP060060.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2023 01:55
 Operator : YP\AJ
 Sample : 04479-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 03:24:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.511	3.668	43099104	32686905	20.718	20.067
2)	SA Decachlor...	10.431	8.740	33849706	32992527	22.192	21.789
Target Compounds							
3)	L1 AR-1016-1	5.695	4.766	835368	1212904	12.380	20.176 #
4)	L1 AR-1016-2	5.720	4.787	512308	378507	5.355	4.560
5)	L1 AR-1016-3	0.000	4.969	0	147955	N.D.	3.298 #
6)	L1 AR-1016-4	0.000	5.005	0	180929	N.D.	5.129 #
7)	L1 AR-1016-5	0.000	5.232	0	44967	N.D.	0.967 #
9)	L2 AR-1221-2	4.821	3.972	790492	880680	40.161	57.043 #
10)	L2 AR-1221-3	4.887	4.049	1503881	667068	26.329	14.222 #
11)	L3 AR-1232-1	4.887	4.049	1503881	667068	32.234	17.548 #
12)	L3 AR-1232-2	5.425	4.787	2108576	378507	83.019	10.265 #
13)	L3 AR-1232-3	5.720	4.969	512308	147955	11.858	7.389 #
14)	L3 AR-1232-4	0.000	5.056	0	240164	N.D.	13.148 #
15)	L3 AR-1232-5	0.000	5.232	0	44967	N.D.	2.243 #
16)	L4 AR-1242-1	5.695	4.766	835368	1212904	13.987	23.032 #
17)	L4 AR-1242-2	5.720	4.787	512308	378507	6.096	5.253
18)	L4 AR-1242-3	0.000	4.969	0	147955	N.D.	3.781 #
19)	L4 AR-1242-4	0.000	5.056	0	240164	N.D.	6.128 #
20)	L4 AR-1242-5	0.000	5.596	0	237737	N.D.	4.914 #
21)	L5 AR-1248-1	5.695	4.766	835368	1212904	18.690	31.042 #
22)	L5 AR-1248-2	0.000	5.005	0	180929	N.D.	3.339 #
23)	L5 AR-1248-3	6.153f	5.056	425388	240164	6.006	4.221 #
24)	L5 AR-1248-4	6.602	5.232	748556	44967	9.678	0.670 #
25)	L5 AR-1248-5	6.602f	5.619	748556	993248	9.949	15.057 #
26)	L6 AR-1254-1	0.000	5.596	0	237737	N.D.	2.369 #
27)	L6 AR-1254-2	6.768f	5.730	943797	111934	7.880	1.288 #
28)	L6 AR-1254-3	0.000	6.134	0	94572	N.D.	0.674 #
29)	L6 AR-1254-4	0.000	6.371	0	17341	N.D.	0.206 #
30)	L6 AR-1254-5	0.000	6.785	0	13014	N.D.	0.110 #
31)	L7 AR-1260-1	0.000	6.279	0	95987	N.D.	1.031 #
32)	L7 AR-1260-2	0.000	6.464	0	44879	N.D.	0.409 #
33)	L7 AR-1260-3	0.000	6.598f	0	120316	N.D.	1.170 #
34)	L7 AR-1260-4	0.000	7.083	0	22769	N.D.	0.273 #
35)	L7 AR-1260-5	0.000	7.333	0	40720	N.D.	0.212 #
36)	L8 AR-1262-1	0.000	6.863f	0	9654	N.D.	0.191 #
37)	L8 AR-1262-2	0.000	7.083	0	22769	N.D.	0.202 #
38)	L8 AR-1262-3	0.000	7.619	0	23181	N.D.	0.264 #
39)	L8 AR-1262-4	0.000	7.705	0	21393	N.D.	0.131 #
40)	L8 AR-1262-5	0.000	8.208f	0	16455	N.D.	0.220 #
41)	L9 AR-1268-1	0.000	7.619	0	23181	N.D.	0.089 #
42)	L9 AR-1268-2	0.000	7.705	0	21393	N.D.	0.093 #

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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
43) L9	AR-1268-3	0.000	7.905	0	46628	N.D.	0.228 #
44) L9	AR-1268-4	0.000	8.208f	0	16455	N.D.	0.204 #
45) L9	AR-1268-5	0.000	8.479	0	146988	N.D.	0.233 #

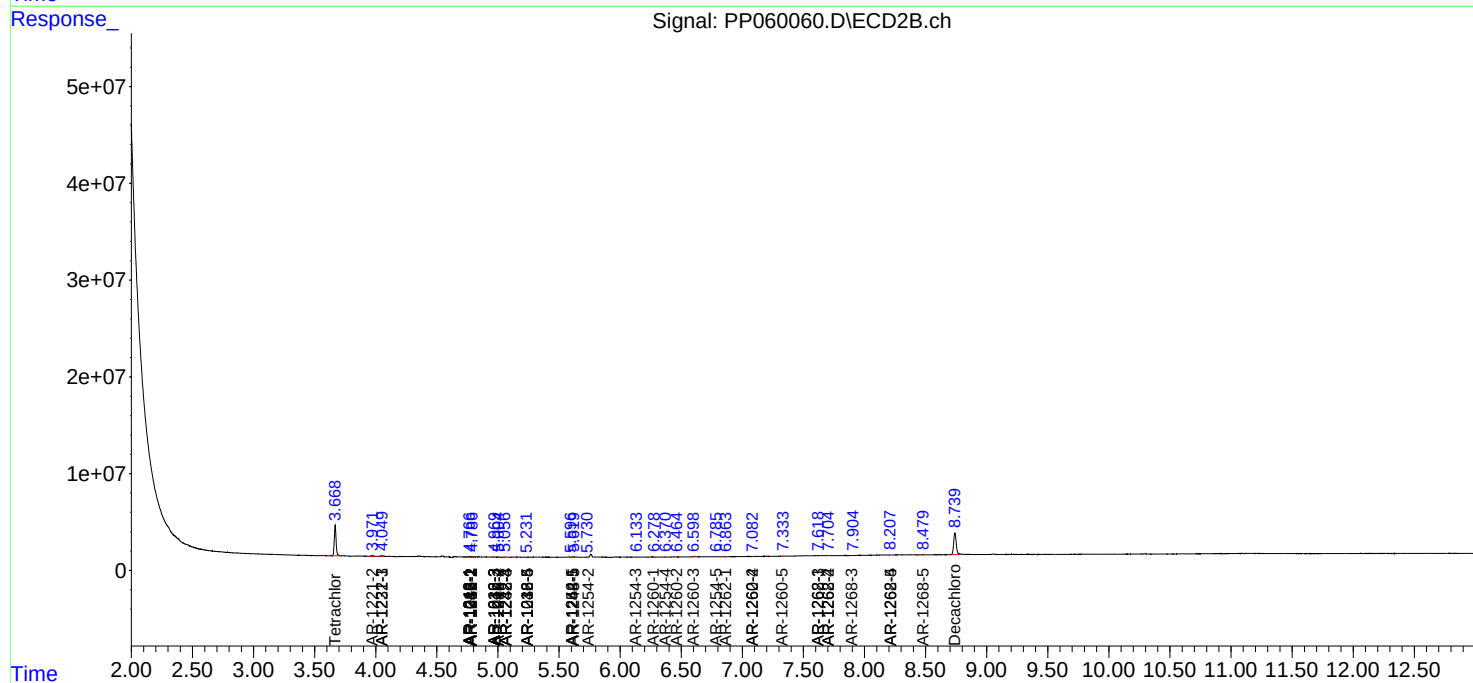
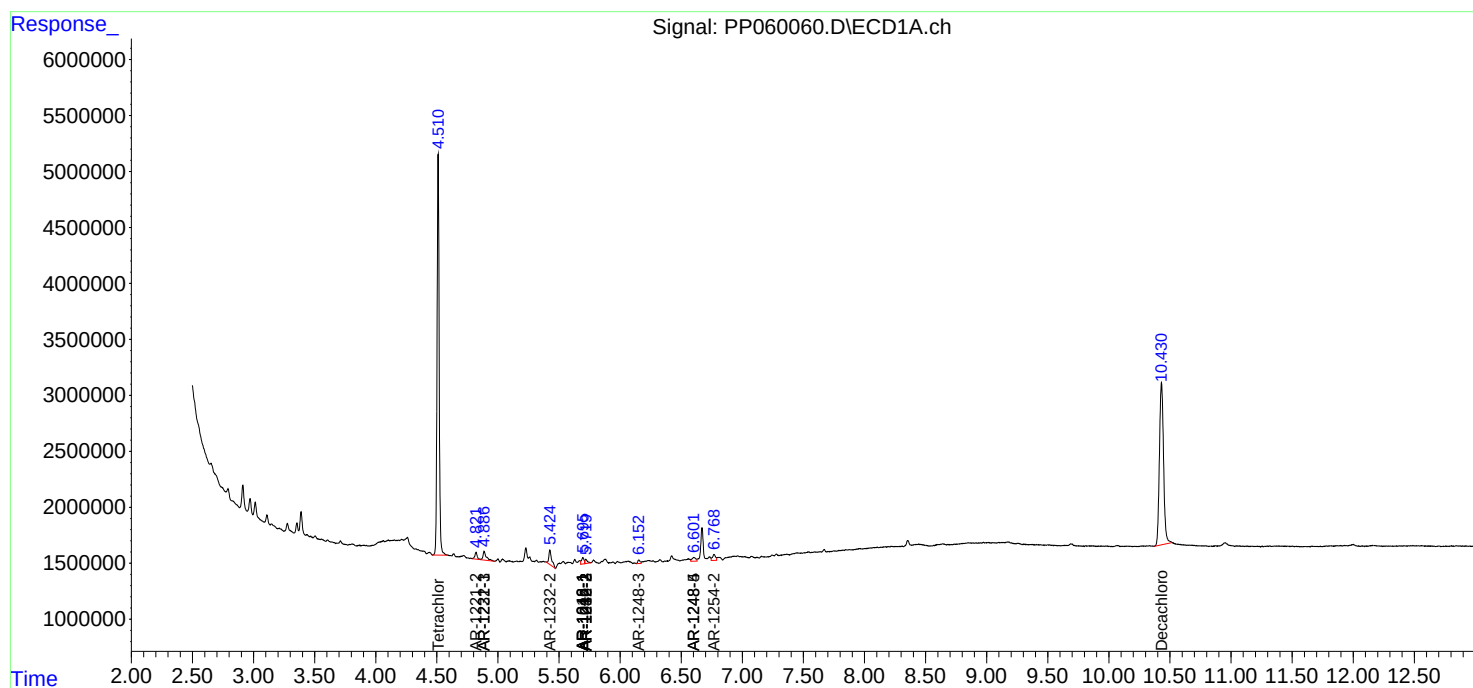
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

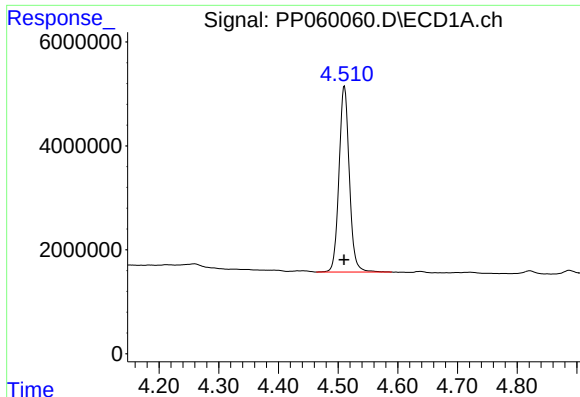
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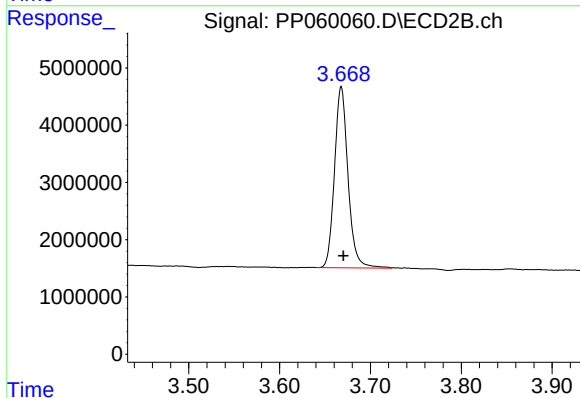




#1 Tetrachloro-m-xylene

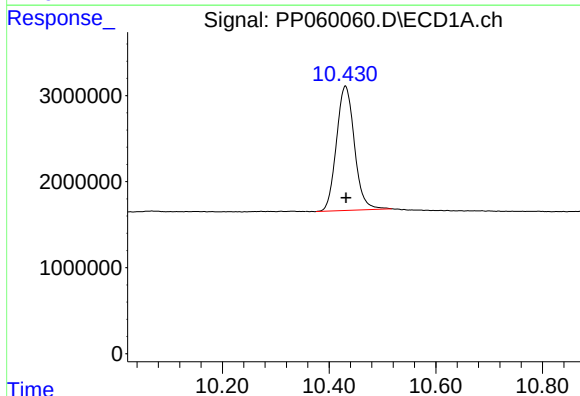
R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 43099104
Conc: 20.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



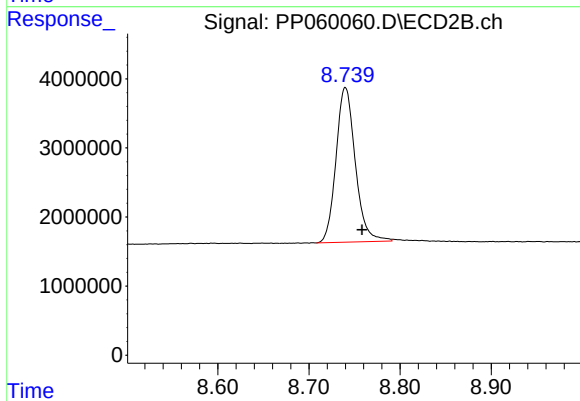
#1 Tetrachloro-m-xylene

R.T.: 3.668 min
Delta R.T.: -0.002 min
Response: 32686905
Conc: 20.07 ng/ml



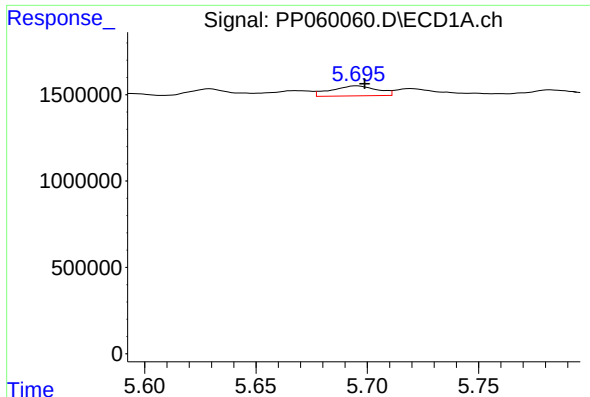
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.001 min
Response: 33849706
Conc: 22.19 ng/ml



#2 Decachlorobiphenyl

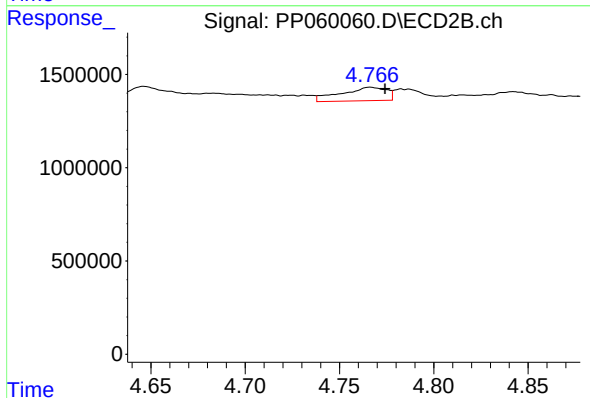
R.T.: 8.740 min
Delta R.T.: -0.018 min
Response: 32992527
Conc: 21.79 ng/ml



#3 AR-1016-1

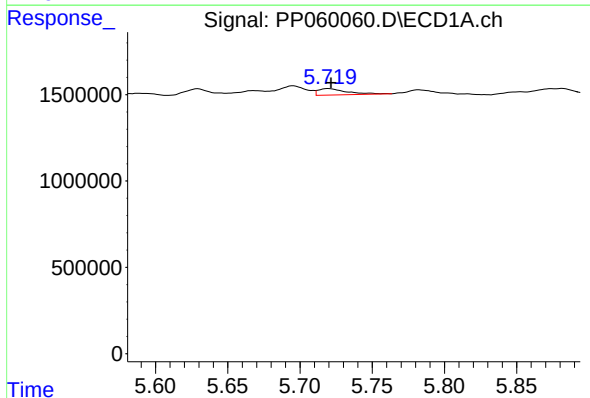
R.T.: 5.695 min
Delta R.T.: -0.003 min
Response: 835368
Conc: 12.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



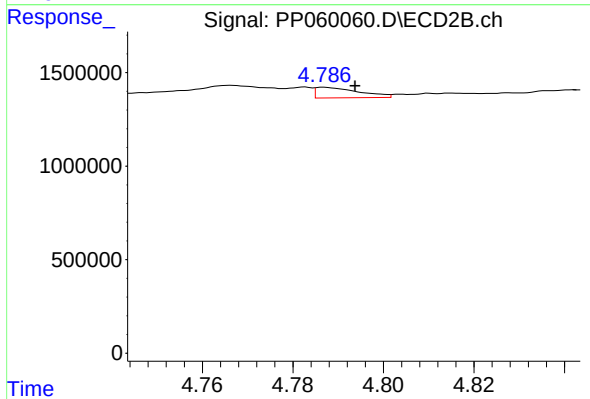
#3 AR-1016-1

R.T.: 4.766 min
Delta R.T.: -0.008 min
Response: 1212904
Conc: 20.18 ng/ml



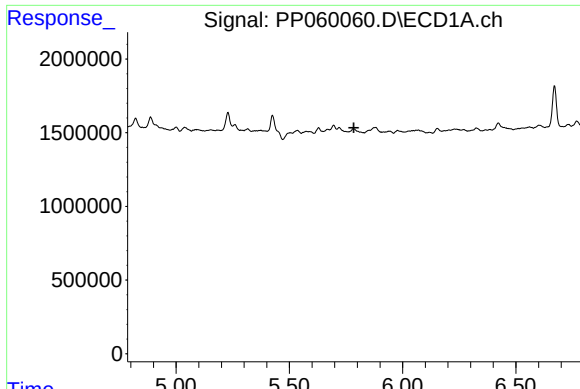
#4 AR-1016-2

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 512308
Conc: 5.36 ng/ml



#4 AR-1016-2

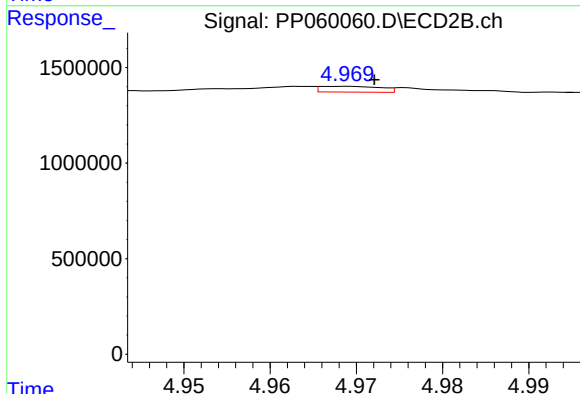
R.T.: 4.787 min
Delta R.T.: -0.007 min
Response: 378507
Conc: 4.56 ng/ml



#5 AR-1016-3

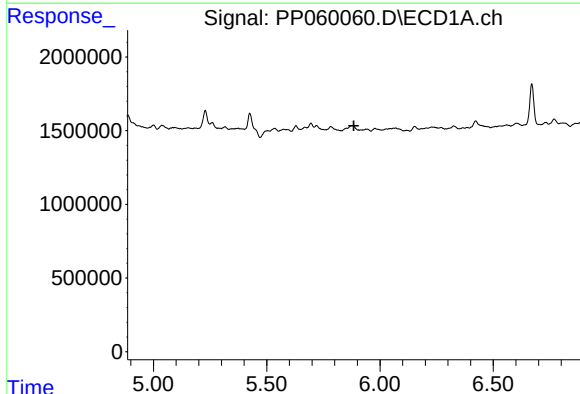
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



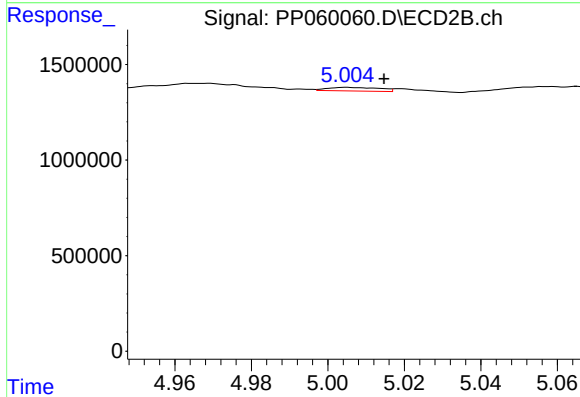
#5 AR-1016-3

R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 147955
Conc: 3.30 ng/ml



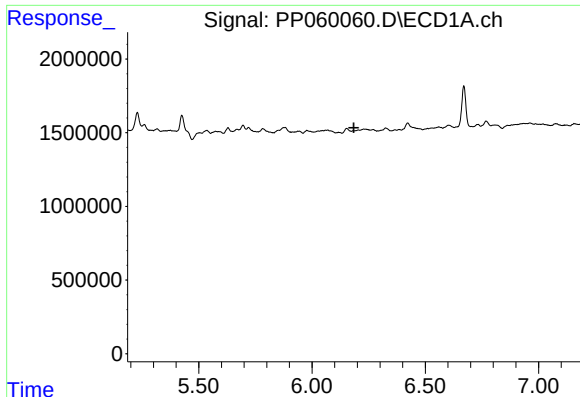
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#6 AR-1016-4

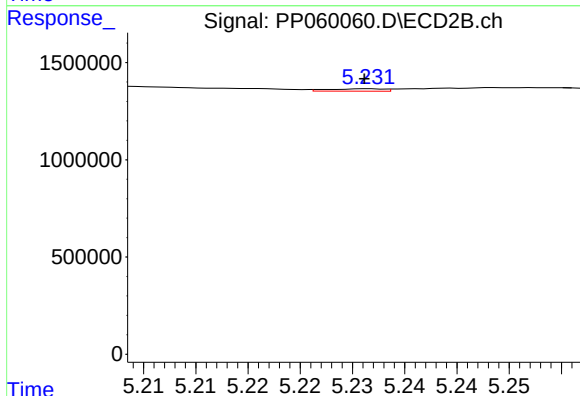
R.T.: 5.005 min
Delta R.T.: -0.010 min
Response: 180929
Conc: 5.13 ng/ml



#7 AR-1016-5

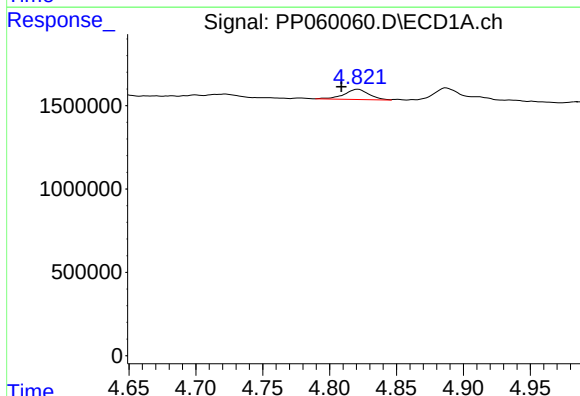
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



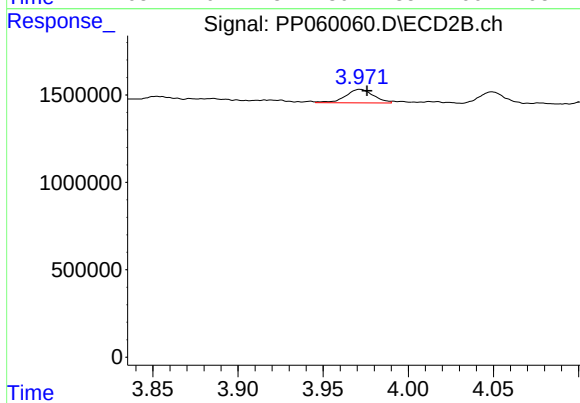
#7 AR-1016-5

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 44967
Conc: 0.97 ng/ml



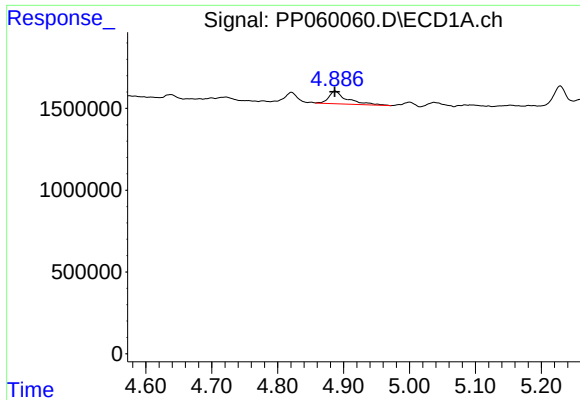
#9 AR-1221-2

R.T.: 4.821 min
Delta R.T.: 0.012 min
Response: 790492
Conc: 40.16 ng/ml



#9 AR-1221-2

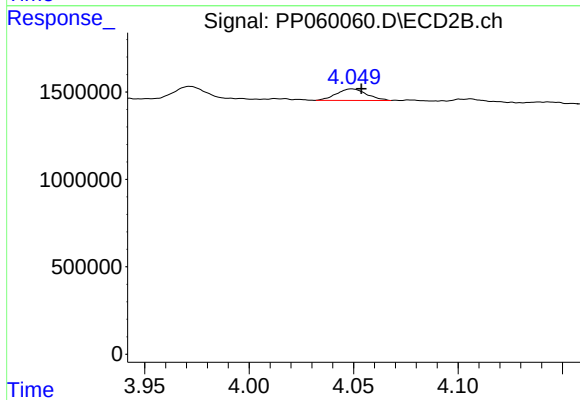
R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 880680
Conc: 57.04 ng/ml



#10 AR-1221-3

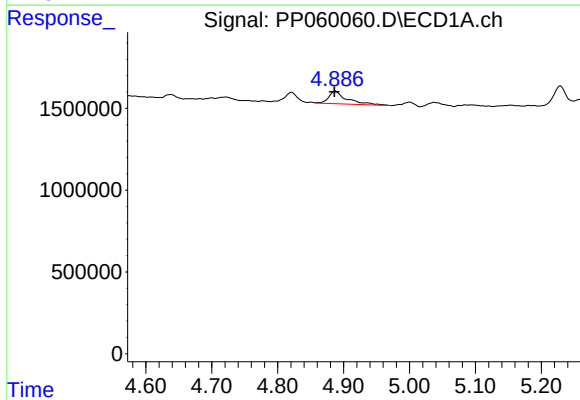
R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 1503881
Conc: 26.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



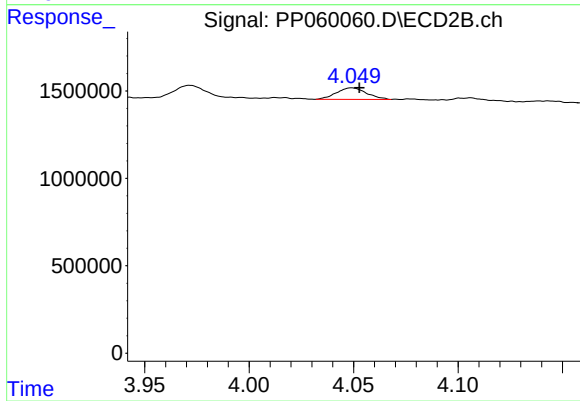
#10 AR-1221-3

R.T.: 4.049 min
Delta R.T.: -0.005 min
Response: 667068
Conc: 14.22 ng/ml



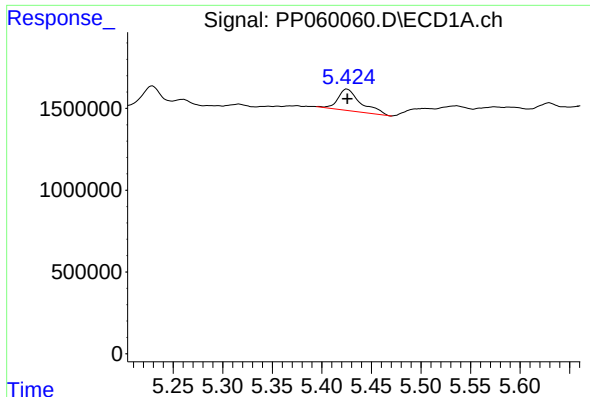
#11 AR-1232-1

R.T.: 4.887 min
Delta R.T.: 0.001 min
Response: 1503881
Conc: 32.23 ng/ml



#11 AR-1232-1

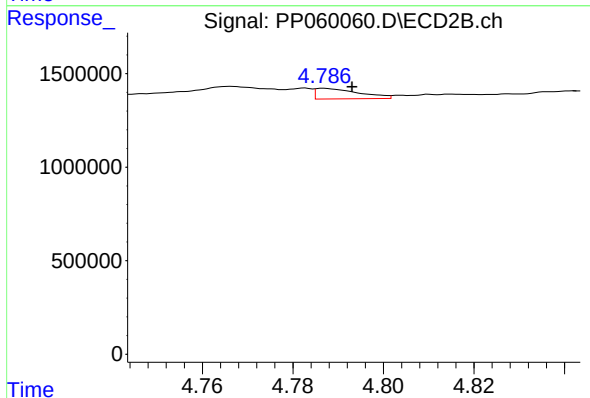
R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 667068
Conc: 17.55 ng/ml



#12 AR-1232-2

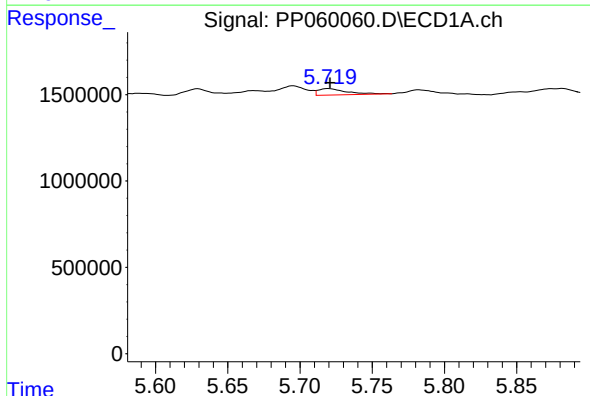
R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 2108576
Conc: 83.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



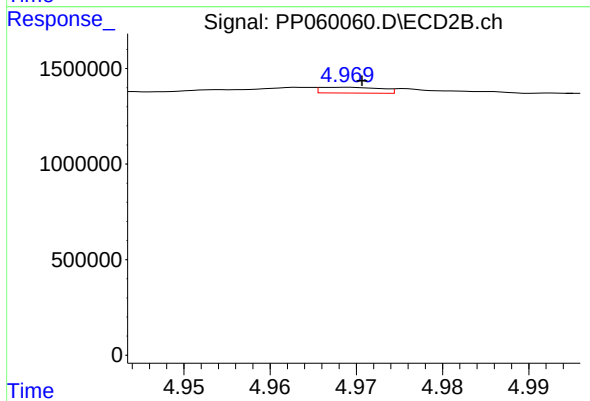
#12 AR-1232-2

R.T.: 4.787 min
Delta R.T.: -0.006 min
Response: 378507
Conc: 10.27 ng/ml



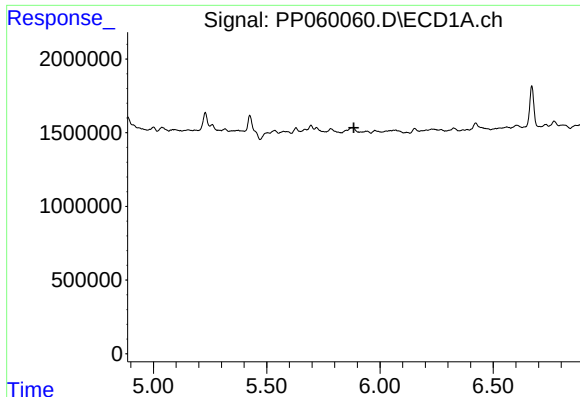
#13 AR-1232-3

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 512308
Conc: 11.86 ng/ml



#13 AR-1232-3

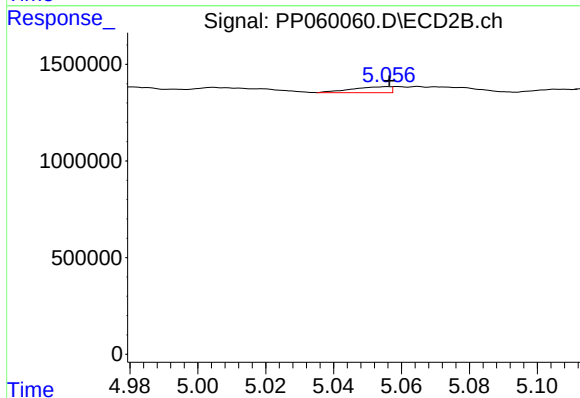
R.T.: 4.969 min
Delta R.T.: -0.002 min
Response: 147955
Conc: 7.39 ng/ml



#14 AR-1232-4

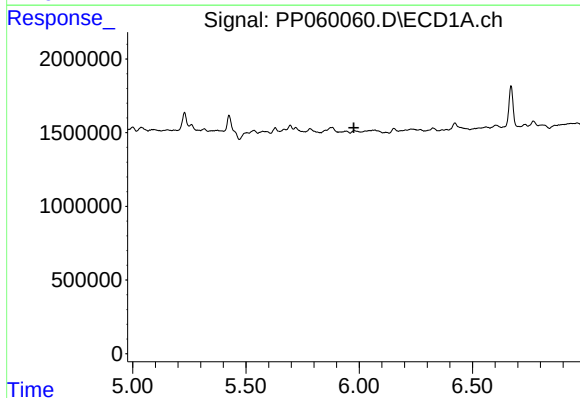
R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



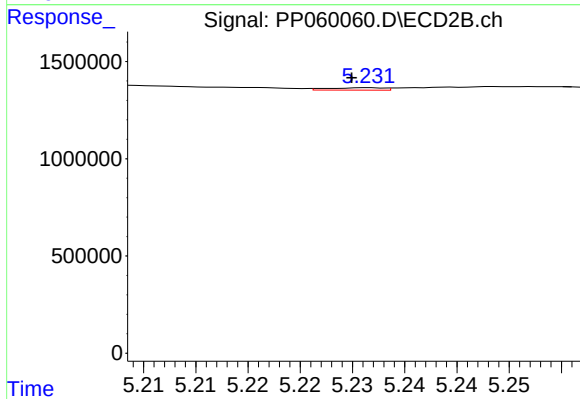
#14 AR-1232-4

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 240164
Conc: 13.15 ng/ml



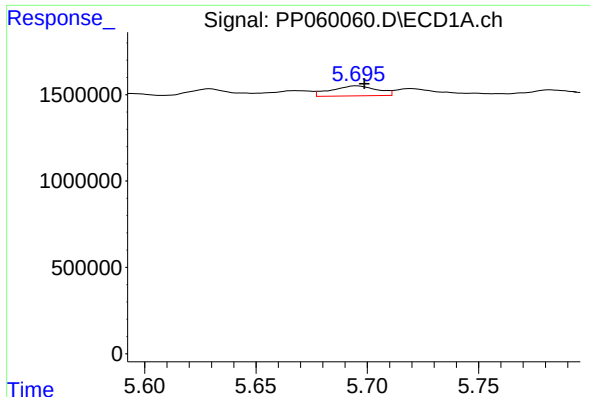
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.976 min
Response: 0
Conc: N.D.



#15 AR-1232-5

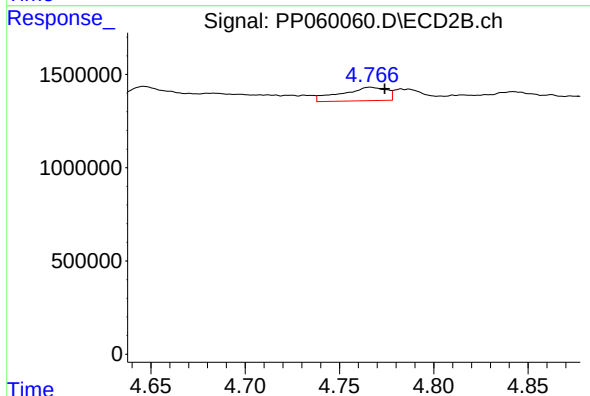
R.T.: 5.232 min
Delta R.T.: 0.002 min
Response: 44967
Conc: 2.24 ng/ml



#16 AR-1242-1

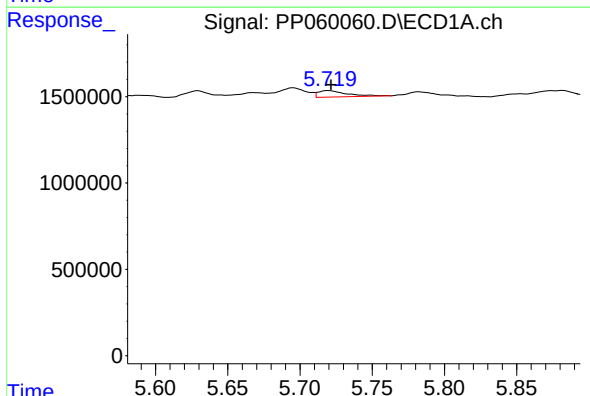
R.T.: 5.695 min
Delta R.T.: -0.003 min
Response: 835368
Conc: 13.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



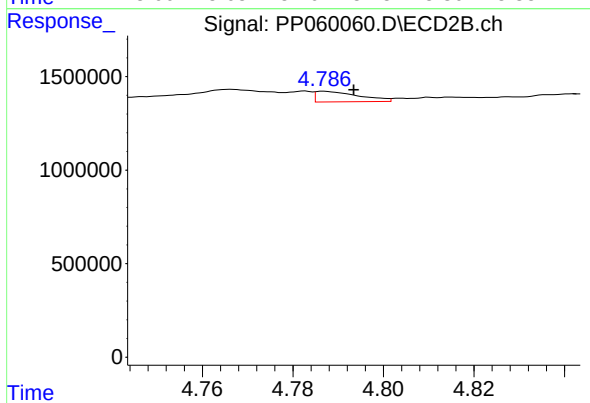
#16 AR-1242-1

R.T.: 4.766 min
Delta R.T.: -0.007 min
Response: 1212904
Conc: 23.03 ng/ml



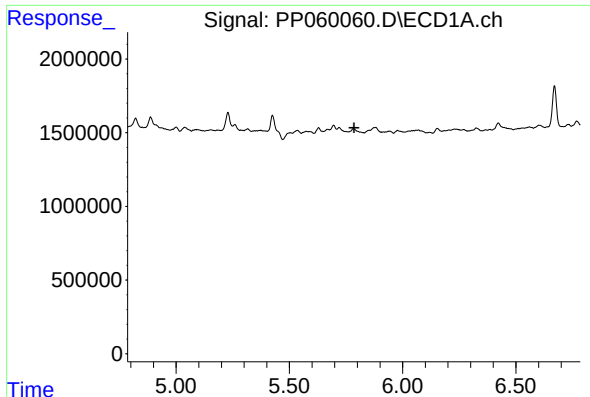
#17 AR-1242-2

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 512308
Conc: 6.10 ng/ml



#17 AR-1242-2

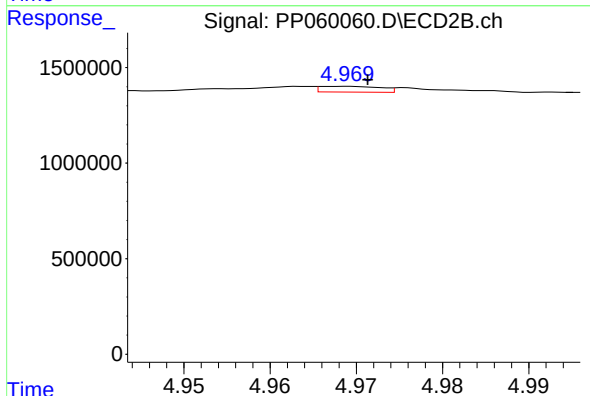
R.T.: 4.787 min
Delta R.T.: -0.006 min
Response: 378507
Conc: 5.25 ng/ml



#18 AR-1242-3

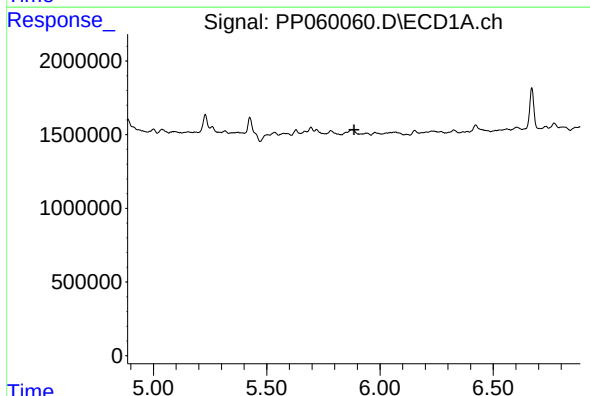
R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



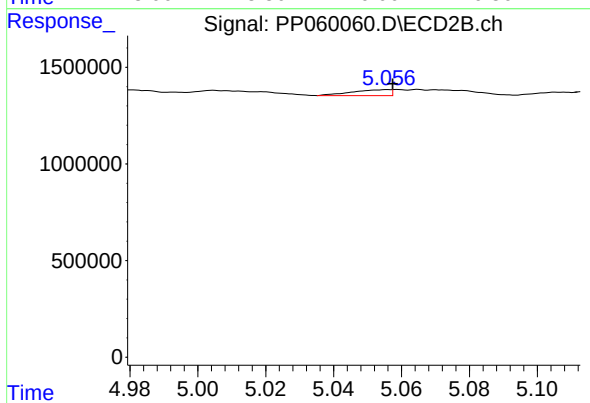
#18 AR-1242-3

R.T.: 4.969 min
Delta R.T.: -0.002 min
Response: 147955
Conc: 3.78 ng/ml



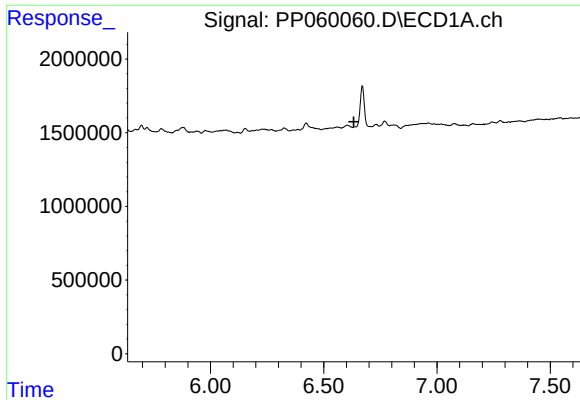
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#19 AR-1242-4

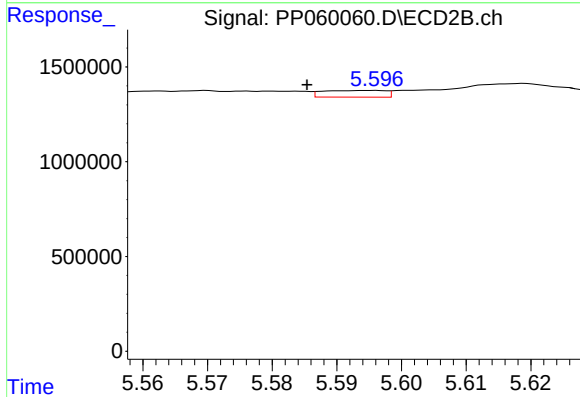
R.T.: 5.056 min
Delta R.T.: -0.001 min
Response: 240164
Conc: 6.13 ng/ml



#20 AR-1242-5

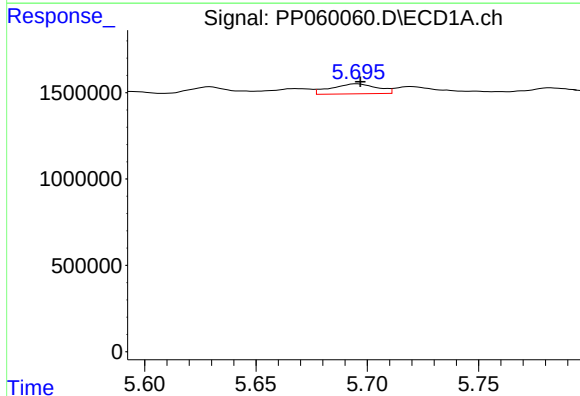
R.T.: 0.000 min
Exp R.T.: 6.633 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



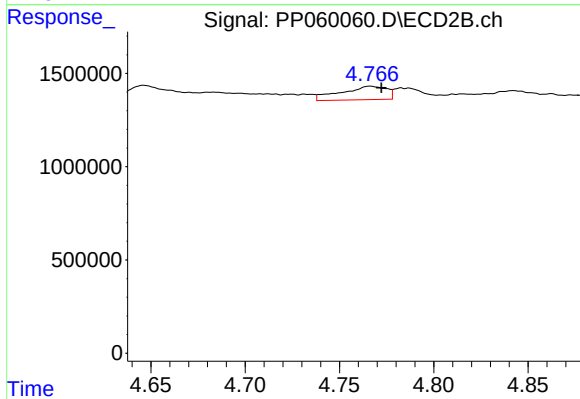
#20 AR-1242-5

R.T.: 5.596 min
Delta R.T.: 0.011 min
Response: 237737
Conc: 4.91 ng/ml



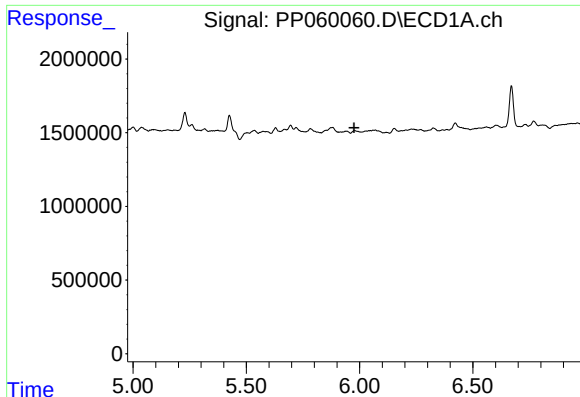
#21 AR-1248-1

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 835368
Conc: 18.69 ng/ml



#21 AR-1248-1

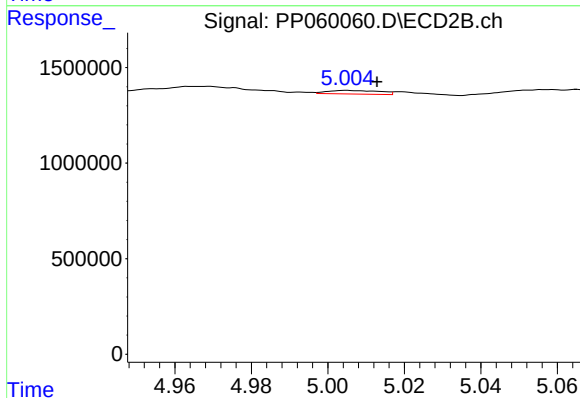
R.T.: 4.766 min
Delta R.T.: -0.006 min
Response: 1212904
Conc: 31.04 ng/ml



#22 AR-1248-2

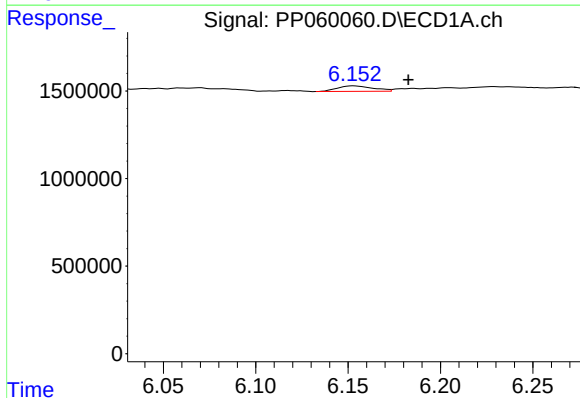
R.T.: 0.000 min
Exp R.T.: 5.975 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



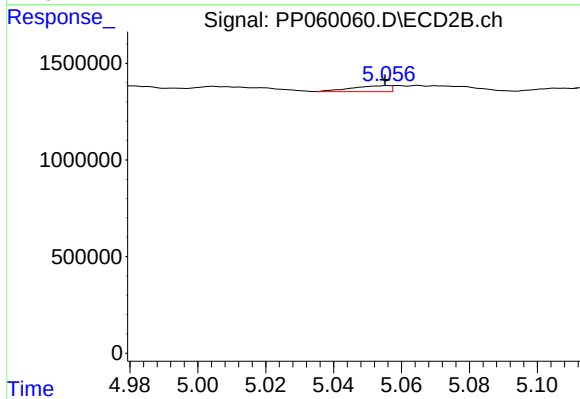
#22 AR-1248-2

R.T.: 5.005 min
Delta R.T.: -0.008 min
Response: 180929
Conc: 3.34 ng/ml



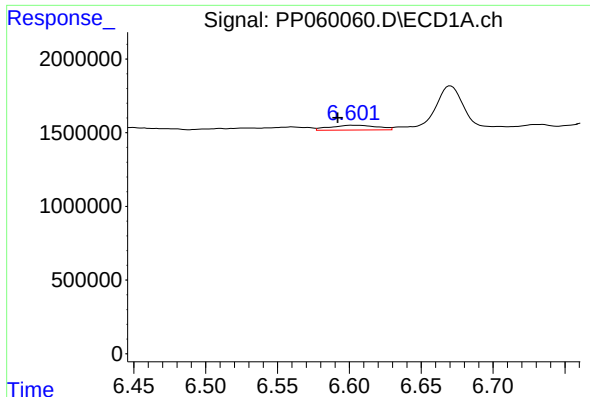
#23 AR-1248-3

R.T.: 6.153 min
Delta R.T.: -0.030 min
Response: 425388
Conc: 6.01 ng/ml



#23 AR-1248-3

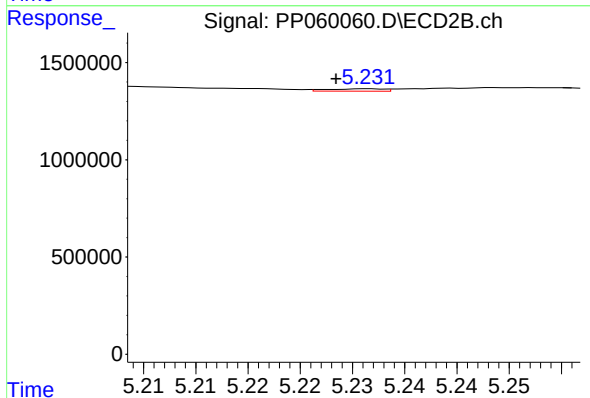
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 240164
Conc: 4.22 ng/ml



#24 AR-1248-4

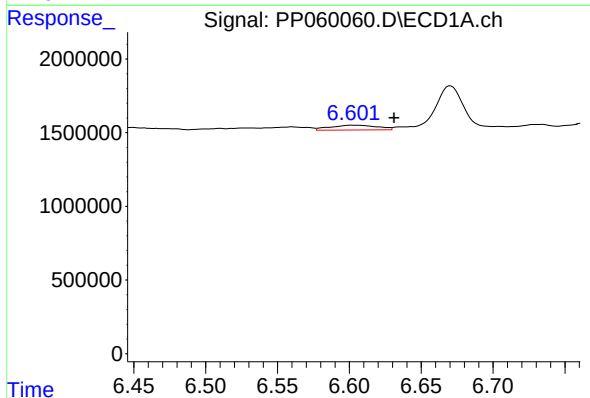
R.T.: 6.602 min
Delta R.T.: 0.010 min
Response: 748556
Conc: 9.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



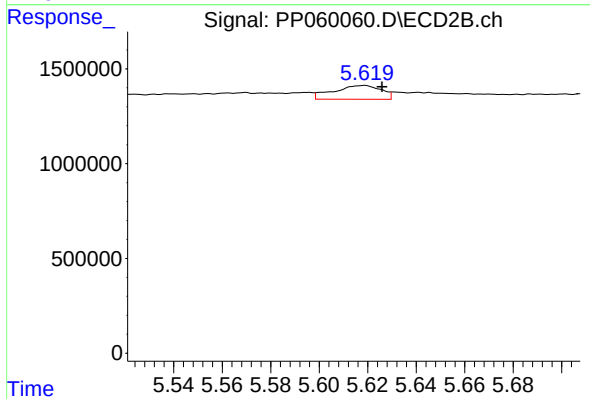
#24 AR-1248-4

R.T.: 5.232 min
Delta R.T.: 0.003 min
Response: 44967
Conc: 0.67 ng/ml



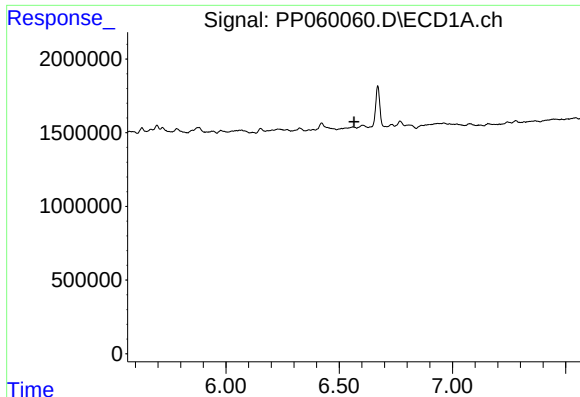
#25 AR-1248-5

R.T.: 6.602 min
Delta R.T.: -0.029 min
Response: 748556
Conc: 9.95 ng/ml



#25 AR-1248-5

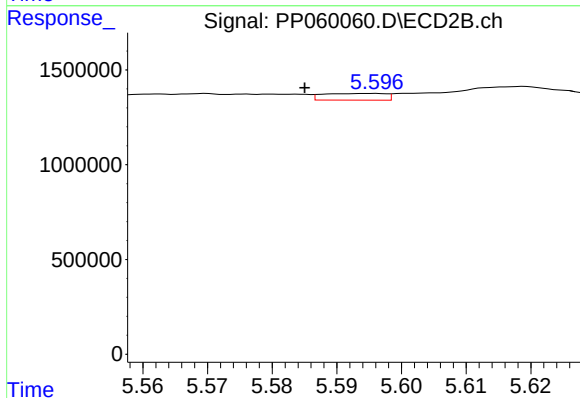
R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 993248
Conc: 15.06 ng/ml



#26 AR-1254-1

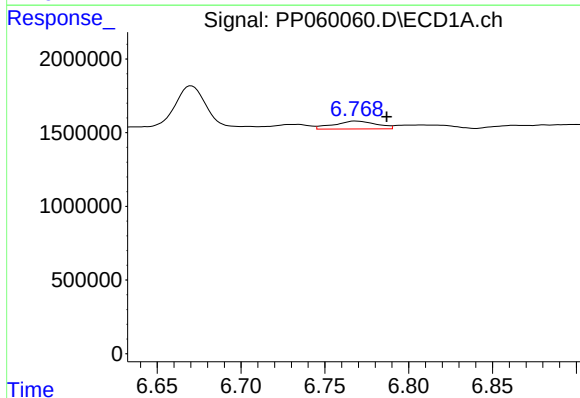
R.T.: 0.000 min
Exp R.T.: 6.565 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



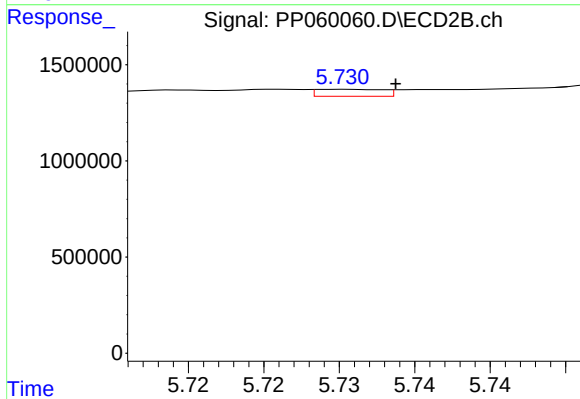
#26 AR-1254-1

R.T.: 5.596 min
Delta R.T.: 0.011 min
Response: 237737
Conc: 2.37 ng/ml



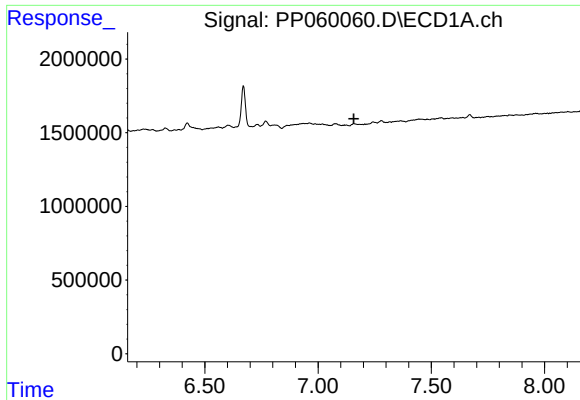
#27 AR-1254-2

R.T.: 6.768 min
Delta R.T.: -0.018 min
Response: 943797
Conc: 7.88 ng/ml



#27 AR-1254-2

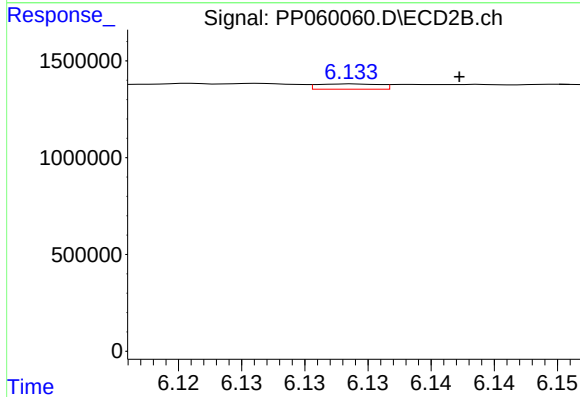
R.T.: 5.730 min
Delta R.T.: -0.003 min
Response: 111934
Conc: 1.29 ng/ml



#28 AR-1254-3

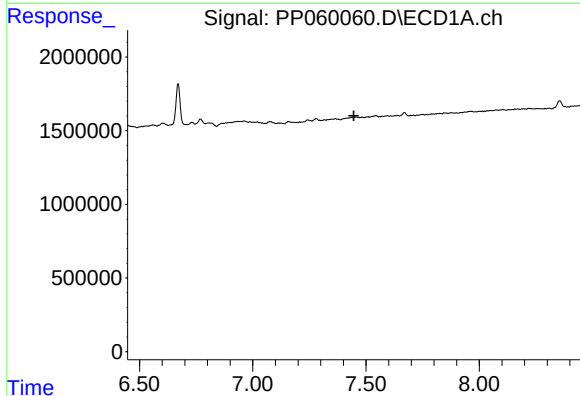
R.T.: 0.000 min
Exp R.T.: 7.158 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



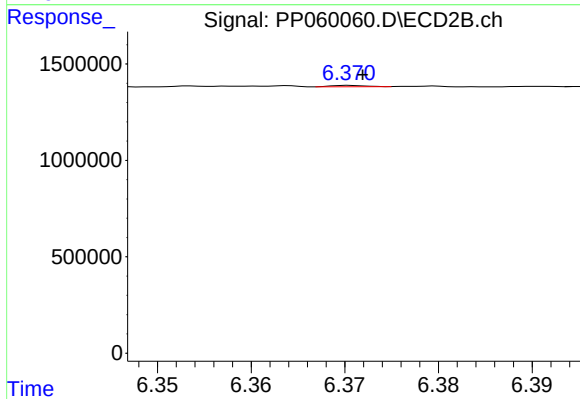
#28 AR-1254-3

R.T.: 6.134 min
Delta R.T.: -0.008 min
Response: 94572
Conc: 0.67 ng/ml



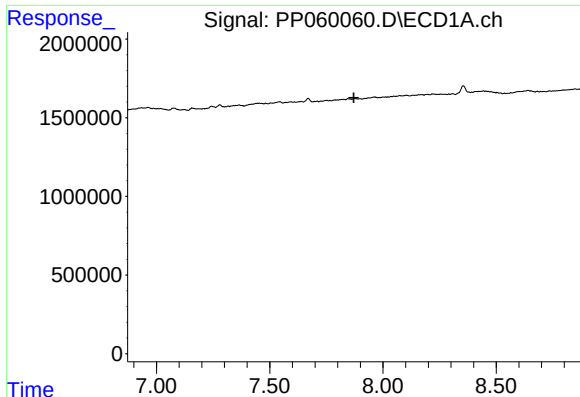
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 7.446 min
Response: 0
Conc: N.D.



#29 AR-1254-4

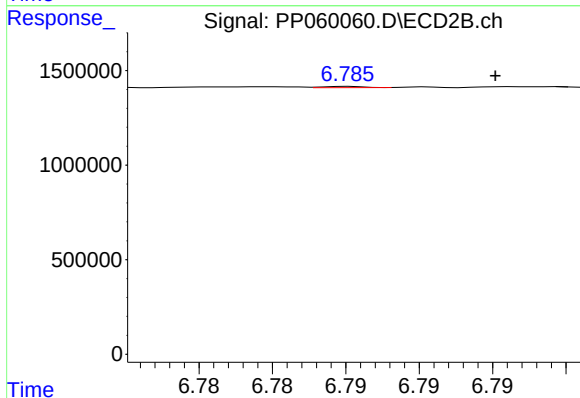
R.T.: 6.371 min
Delta R.T.: -0.001 min
Response: 17341
Conc: 0.21 ng/ml



#30 AR-1254-5

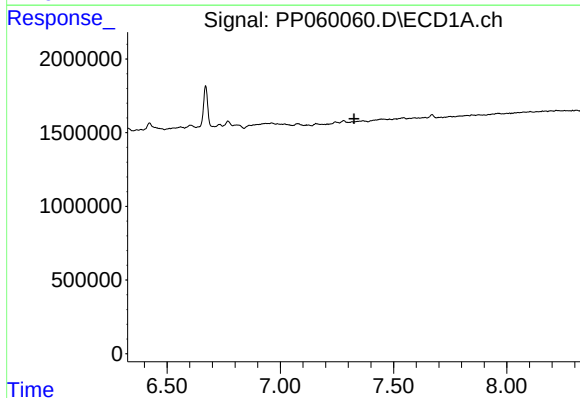
R.T.: 0.000 min
Exp R.T.: 7.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



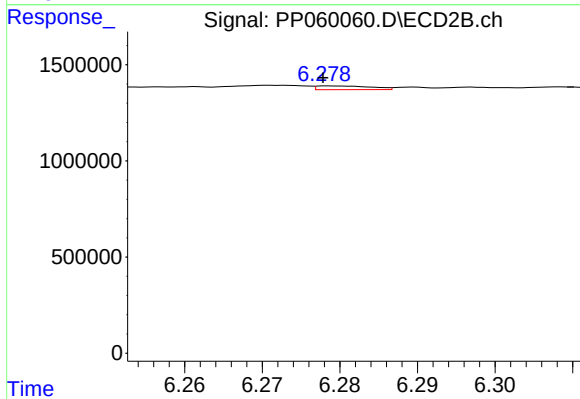
#30 AR-1254-5

R.T.: 6.785 min
Delta R.T.: -0.010 min
Response: 13014
Conc: 0.11 ng/ml



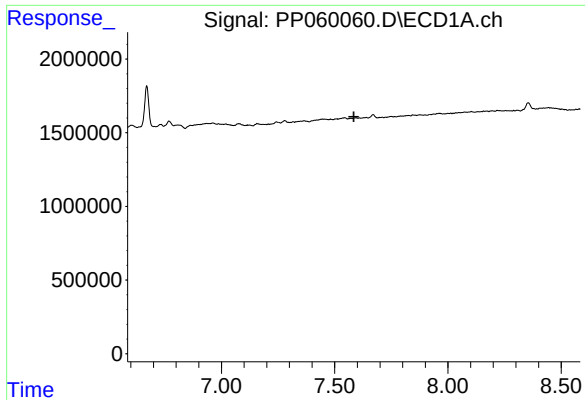
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 7.326 min
Response: 0
Conc: N.D.



#31 AR-1260-1

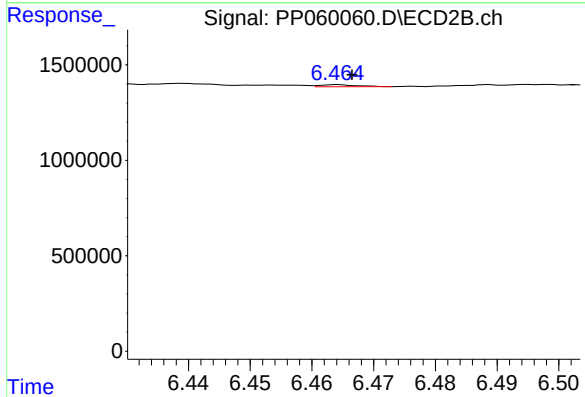
R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 95987
Conc: 1.03 ng/ml



#32 AR-1260-2

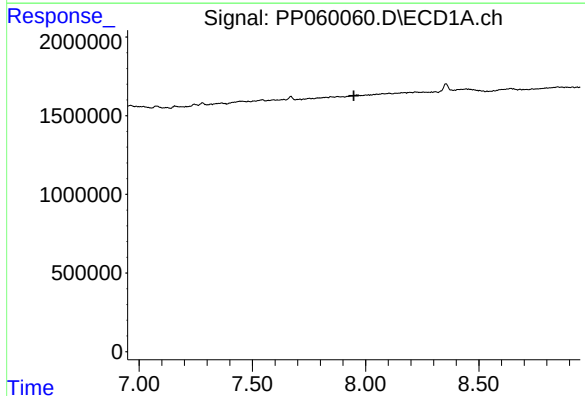
R.T.: 0.000 min
Exp R.T.: 7.585 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



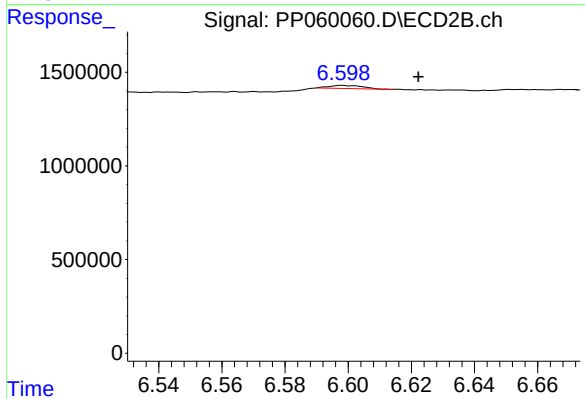
#32 AR-1260-2

R.T.: 6.464 min
Delta R.T.: -0.002 min
Response: 44879
Conc: 0.41 ng/ml



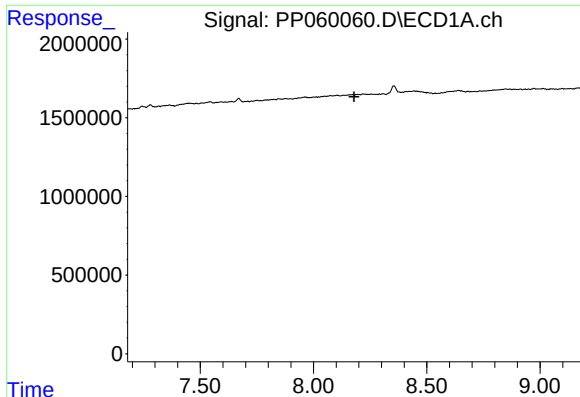
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 7.948 min
Response: 0
Conc: N.D.



#33 AR-1260-3

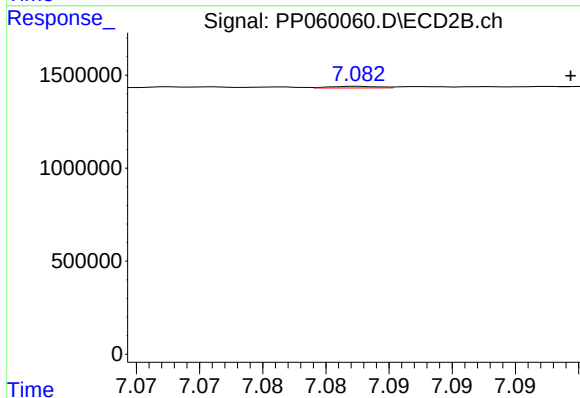
R.T.: 6.598 min
Delta R.T.: -0.024 min
Response: 120316
Conc: 1.17 ng/ml



#34 AR-1260-4

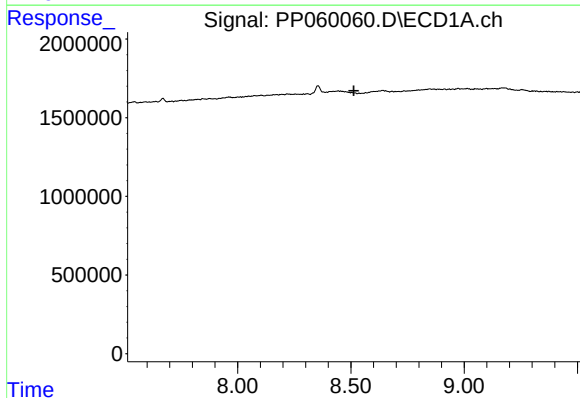
R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



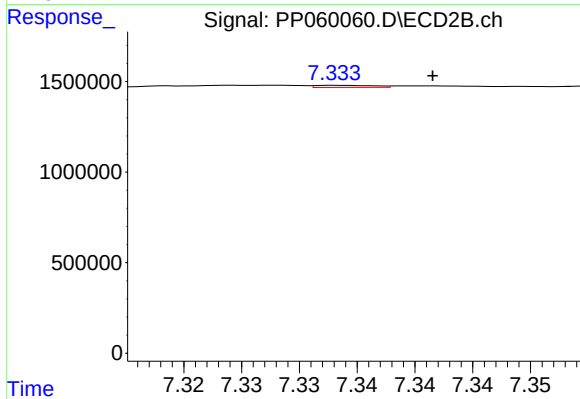
#34 AR-1260-4

R.T.: 7.083 min
Delta R.T.: -0.017 min
Response: 22769
Conc: 0.27 ng/ml



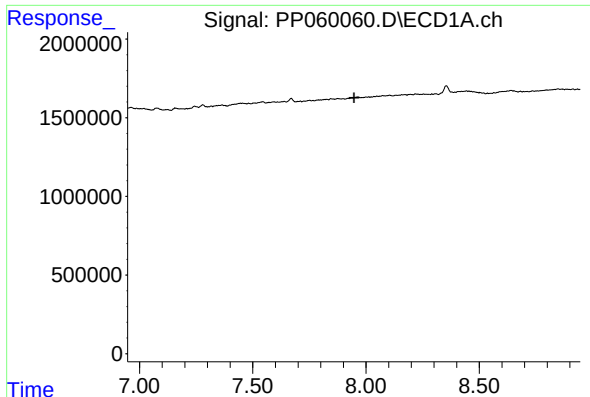
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.



#35 AR-1260-5

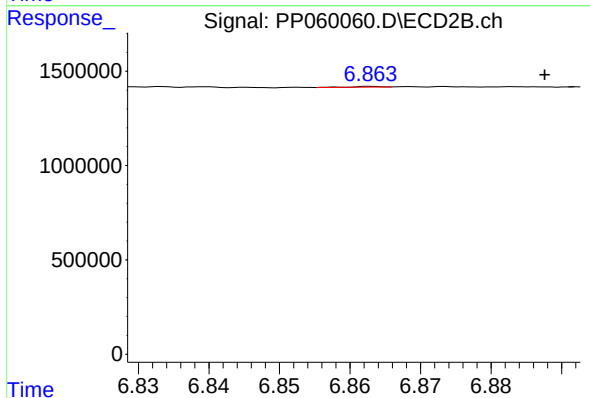
R.T.: 7.333 min
Delta R.T.: -0.008 min
Response: 40720
Conc: 0.21 ng/ml



#36 AR-1262-1

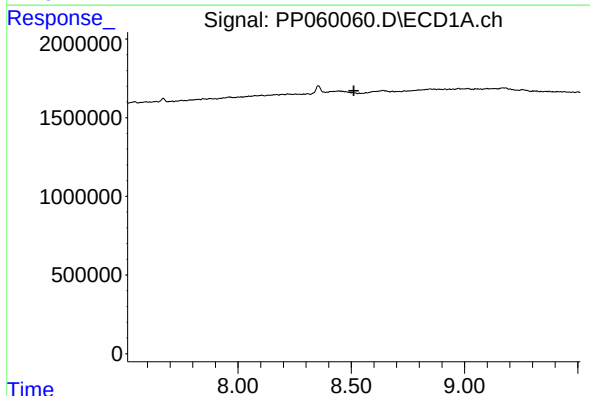
R.T.: 0.000 min
Exp R.T.: 7.947 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



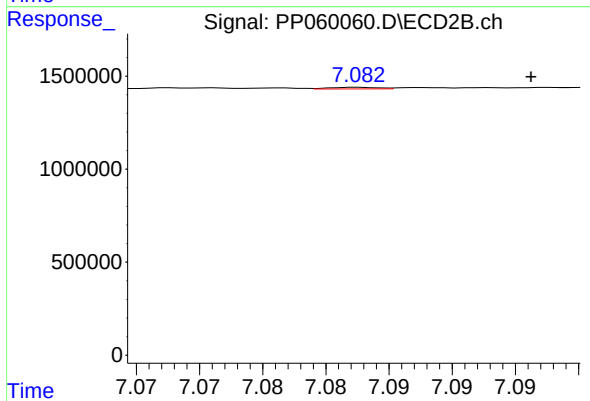
#36 AR-1262-1

R.T.: 6.863 min
Delta R.T.: -0.025 min
Response: 9654
Conc: 0.19 ng/ml



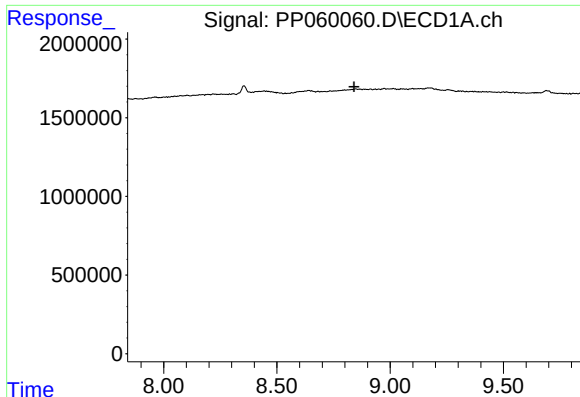
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.



#37 AR-1262-2

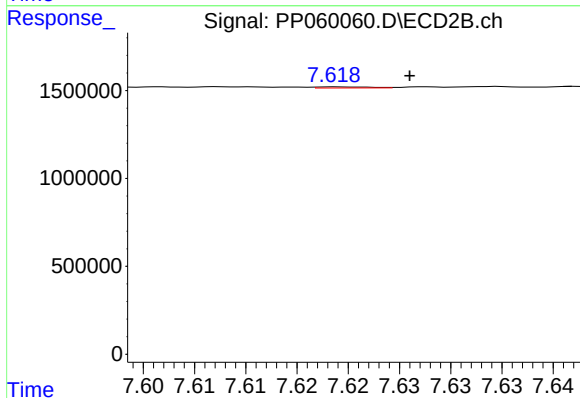
R.T.: 7.083 min
Delta R.T.: -0.014 min
Response: 22769
Conc: 0.20 ng/ml



#38 AR-1262-3

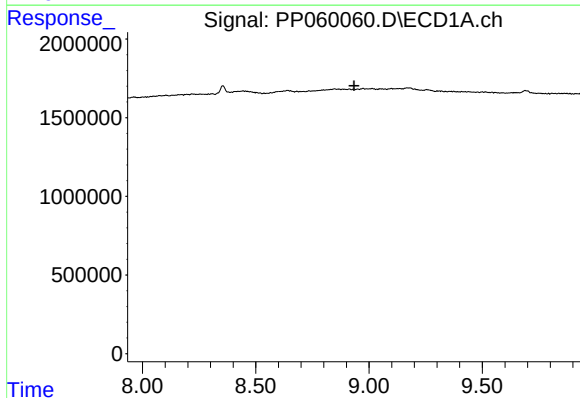
R.T.: 0.000 min
Exp R.T.: 8.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



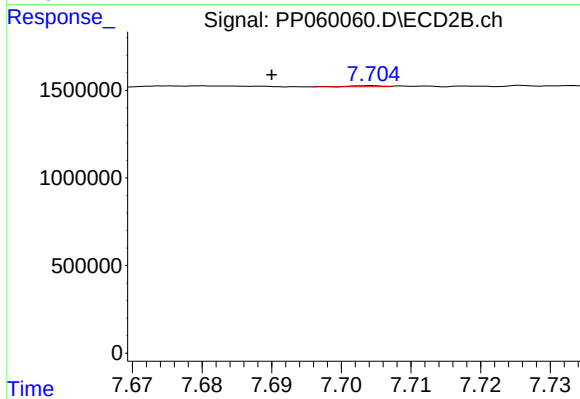
#38 AR-1262-3

R.T.: 7.619 min
Delta R.T.: -0.007 min
Response: 23181
Conc: 0.26 ng/ml



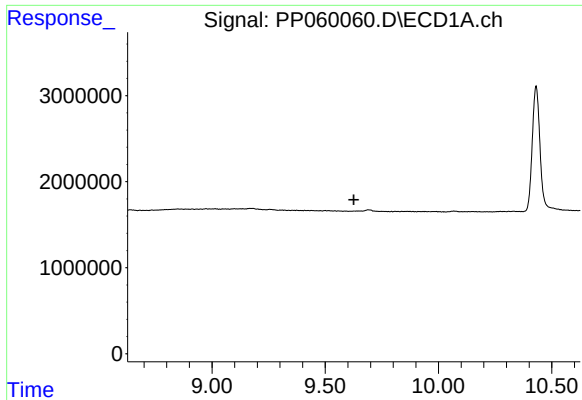
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.934 min
Response: 0
Conc: N.D.



#39 AR-1262-4

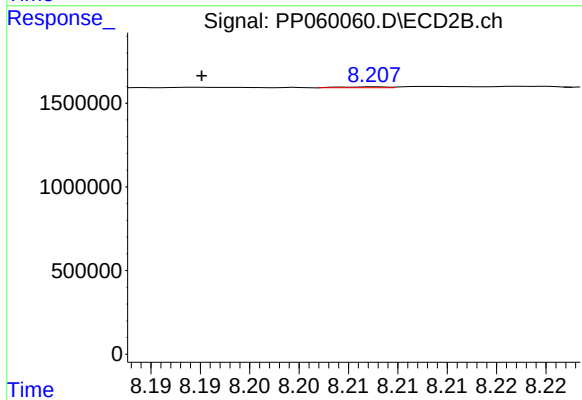
R.T.: 7.705 min
Delta R.T.: 0.015 min
Response: 21393
Conc: 0.13 ng/ml



#40 AR-1262-5

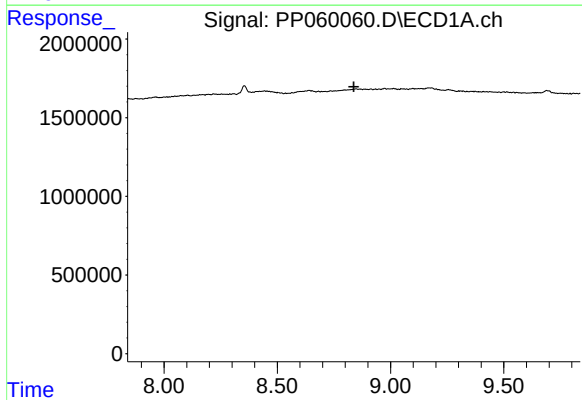
R.T.: 0.000 min
Exp R.T. : 9.626 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



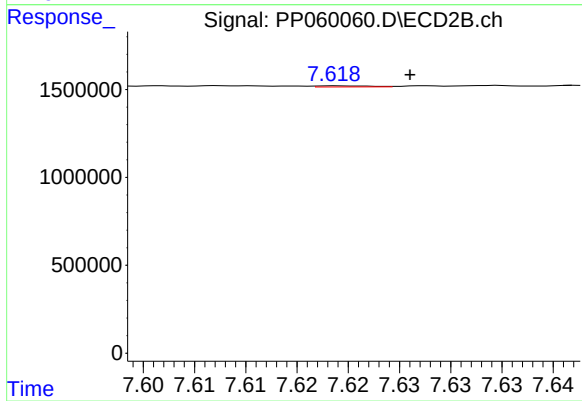
#40 AR-1262-5

R.T.: 8.208 min
Delta R.T.: 0.018 min
Response: 16455
Conc: 0.22 ng/ml



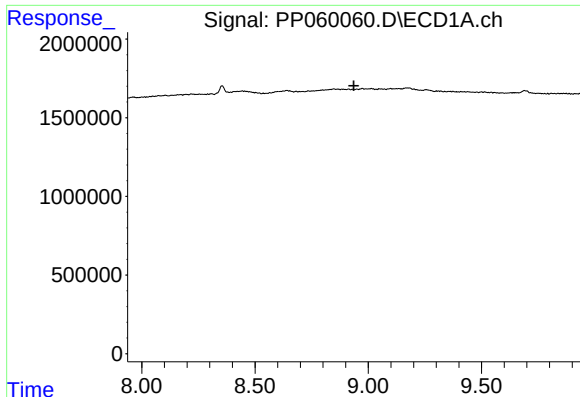
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.838 min
Response: 0
Conc: N.D.



#41 AR-1268-1

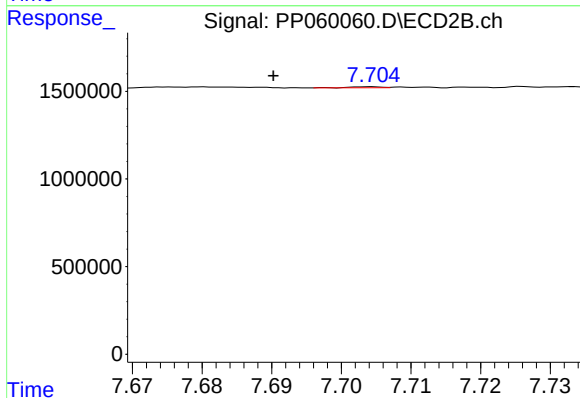
R.T.: 7.619 min
Delta R.T.: -0.007 min
Response: 23181
Conc: 0.09 ng/ml



#42 AR-1268-2

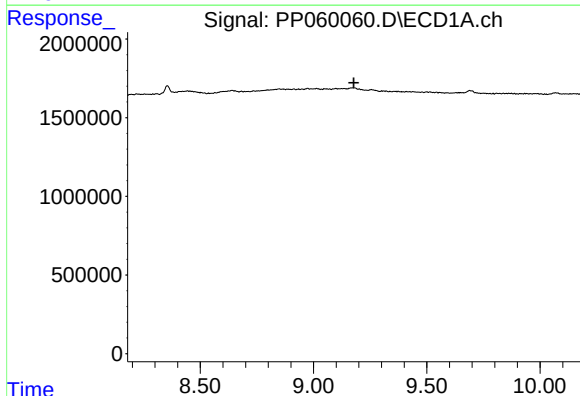
R.T.: 0.000 min
Exp R.T.: 8.936 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



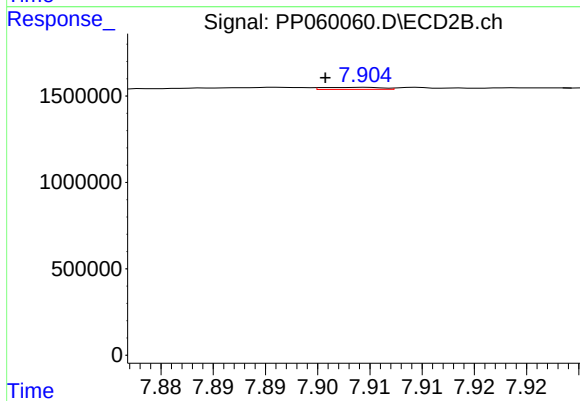
#42 AR-1268-2

R.T.: 7.705 min
Delta R.T.: 0.014 min
Response: 21393
Conc: 0.09 ng/ml



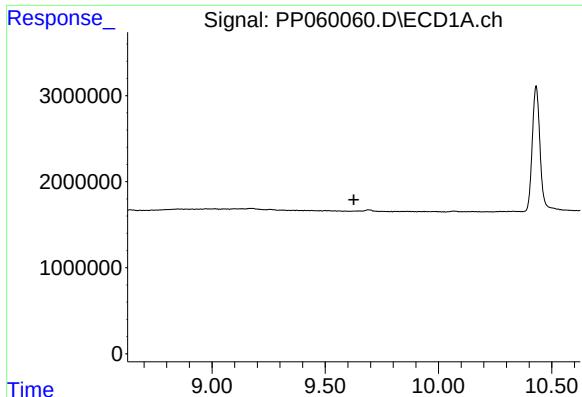
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.



#43 AR-1268-3

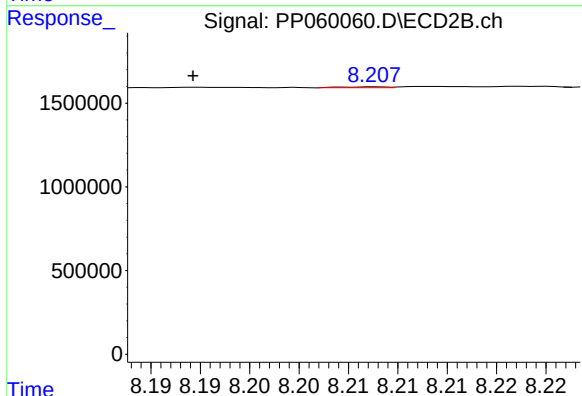
R.T.: 7.905 min
Delta R.T.: 0.004 min
Response: 46628
Conc: 0.23 ng/ml



#44 AR-1268-4

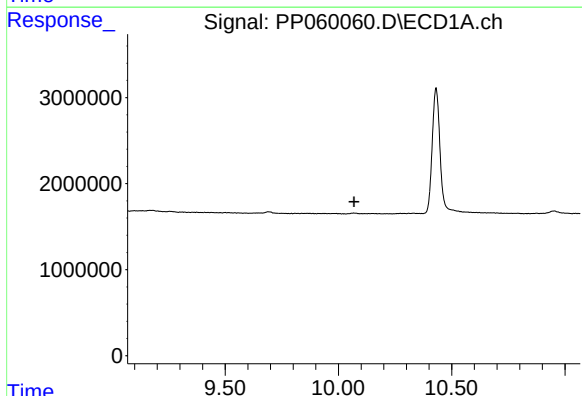
R.T.: 0.000 min
Exp R.T.: 9.627 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



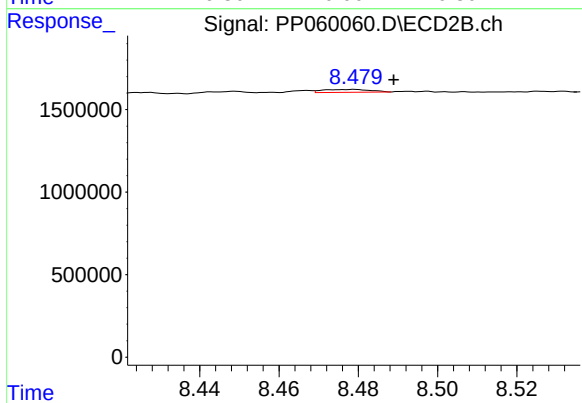
#44 AR-1268-4

R.T.: 8.208 min
Delta R.T.: 0.018 min
Response: 16455
Conc: 0.20 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.069 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.479 min
Delta R.T.: -0.010 min
Response: 146988
Conc: 0.23 ng/ml