

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
 Data File : PP060422.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2023 20:07
 Operator : YP\AJ
 Sample : 04627-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 00:22:23 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	49543442	35864258	22.123	24.094
2) SA Decachlor...	10.457	8.748	38702717	33732350	21.921	20.680
Target Compounds						
3) L1 AR-1016-1	0.000	4.782	0	53473	N.D.	0.920 #
4) L1 AR-1016-2	0.000	4.803	0	32441	N.D.	0.403 #
5) L1 AR-1016-3	0.000	4.981	0	199871	N.D.	4.472 #
6) L1 AR-1016-4	0.000	5.027	0	12183	N.D.	0.339 #
7) L1 AR-1016-5	0.000	5.226	0	306884	N.D.	6.316 #
8) L2 AR-1221-1	4.742	3.910	388035	1733038	13.433	82.960 #
9) L2 AR-1221-2	4.844	3.978	786389	1644299	36.807	110.275 #
10) L2 AR-1221-3	0.000	4.068	0	15830	N.D.	0.360 #
11) L3 AR-1232-1	4.943f	4.068	2227002	15830	44.241	0.435 #
12) L3 AR-1232-2	0.000	4.803	0	32441	N.D.	0.890 #
13) L3 AR-1232-3	0.000	4.981	0	199871	N.D.	9.986 #
14) L3 AR-1232-4	5.941f	5.065	388538	27233	15.807	1.459 #
15) L3 AR-1232-5	0.000	5.226	0	306884	N.D.	14.754 #
16) L4 AR-1242-1	0.000	4.782	0	53473	N.D.	1.056 #
17) L4 AR-1242-2	0.000	4.803	0	32441	N.D.	0.467 #
18) L4 AR-1242-3	0.000	4.981	0	199871	N.D.	5.190 #
19) L4 AR-1242-4	0.000	5.065	0	27233	N.D.	0.692 #
20) L4 AR-1242-5	0.000	5.590	0	241300	N.D.	4.933 #
21) L5 AR-1248-1	0.000	4.782	0	53473	N.D.	1.465 #
22) L5 AR-1248-2	0.000	5.027	0	12183	N.D.	0.233 #
23) L5 AR-1248-3	0.000	5.065	0	27233	N.D.	0.490 #
24) L5 AR-1248-4	0.000	5.226	0	306884	N.D.	4.662 #
25) L5 AR-1248-5	0.000	5.635	0	63596	N.D.	0.989 #
26) L6 AR-1254-1	0.000	5.590	0	241300	N.D.	2.439 #
27) L6 AR-1254-2	6.830f	5.742	289303	12141	2.267	0.141 #
28) L6 AR-1254-3	7.178	6.153	339372	39787	2.553	0.278 #
29) L6 AR-1254-4	0.000	6.379	0	21693	N.D.	0.249 #
30) L6 AR-1254-5	7.883	6.797	392266	69126	3.621	0.546 #
31) L7 AR-1260-1	7.341	6.275	13309	32763	0.127	0.326 #
32) L7 AR-1260-2	0.000	6.467	0	37703	N.D.	0.316 #
33) L7 AR-1260-3	7.993f	6.624	166269	33032	1.794	0.288 #
34) L7 AR-1260-4	8.220f	7.115	1682229	20595	15.862	0.216 #
35) L7 AR-1260-5	0.000	7.342	0	29015	N.D.	0.134 #
36) L8 AR-1262-1	7.993f	6.888	166269	11466	1.333	0.214 #
37) L8 AR-1262-2	0.000	7.084	0	384676	N.D.	3.261 #
38) L8 AR-1262-3	0.000	7.627	0	29494	N.D.	0.320 #
39) L8 AR-1262-4	8.946	7.683	701539	97438	5.862	0.578 #
40) L8 AR-1262-5	0.000	8.192	0	6374	N.D.	0.082 #
41) L9 AR-1268-1	0.000	7.627	0	29494	N.D.	0.109 #

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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.946	7.683	701539	97438	2.878	0.400 #
43) L9	AR-1268-3	0.000	7.899	0	118765	N.D.	0.555 #
44) L9	AR-1268-4	0.000	8.192	0	6374	N.D.	0.073 #
45) L9	AR-1268-5	0.000	8.486	0	271491	N.D.	0.434 #

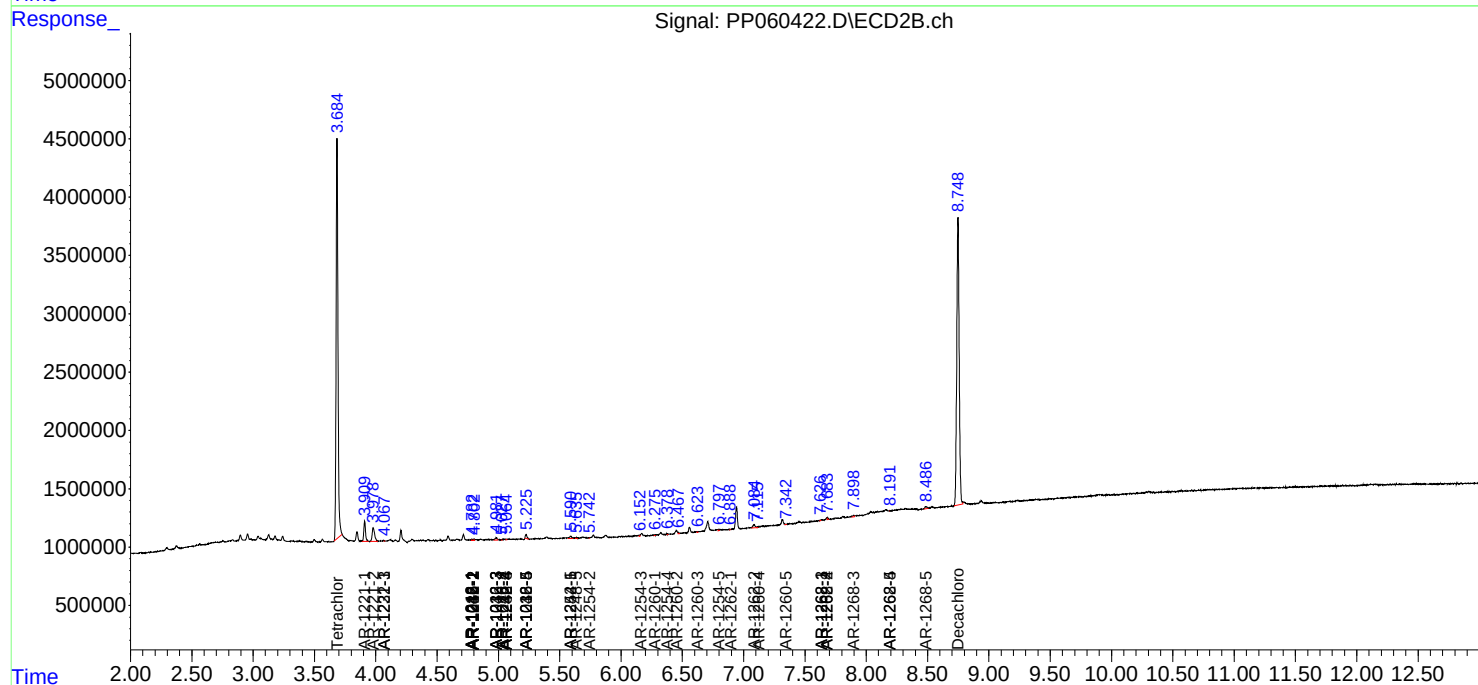
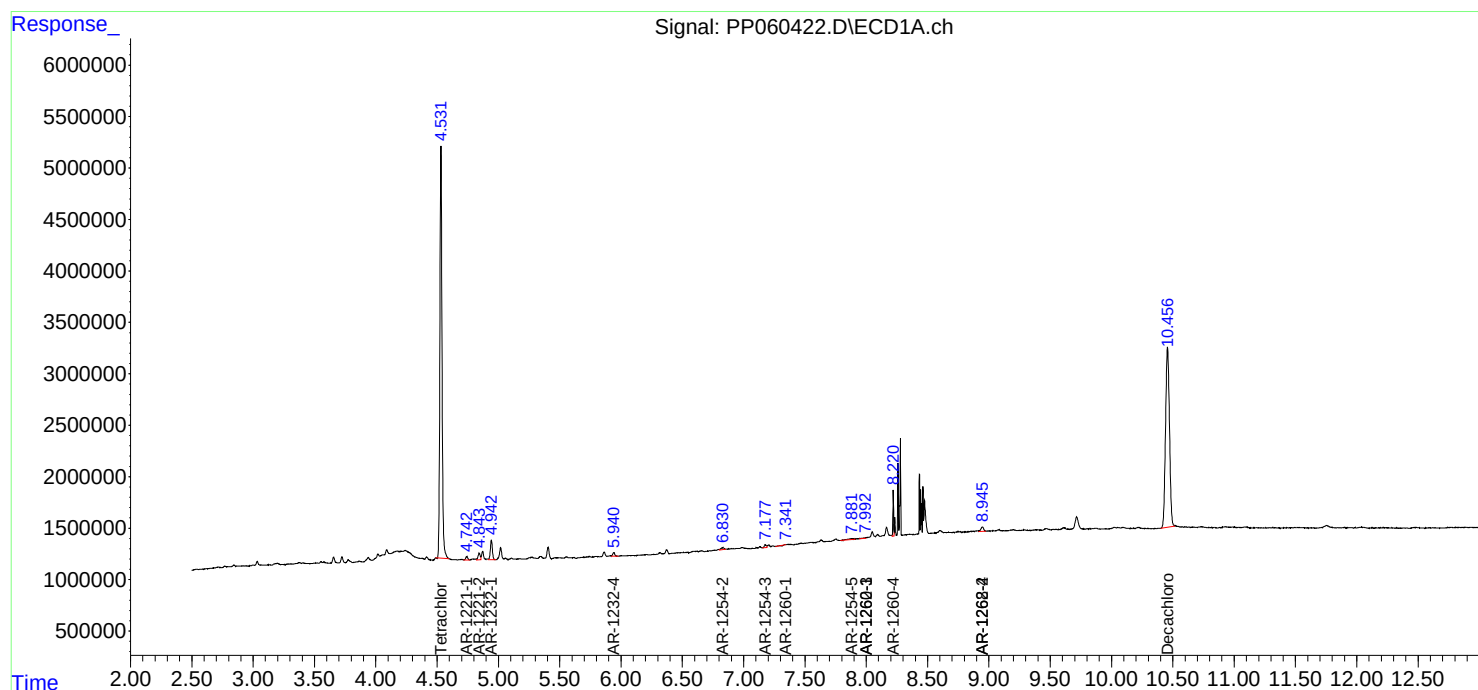
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

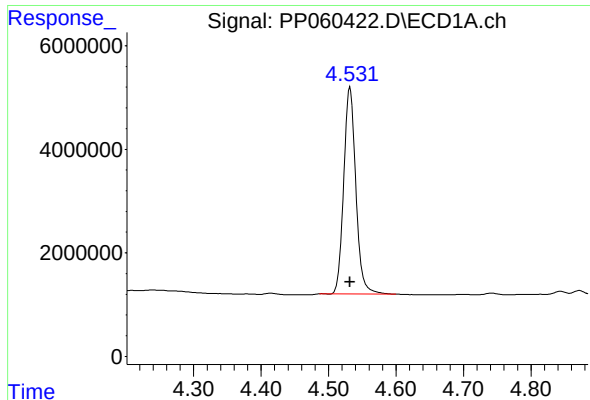
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

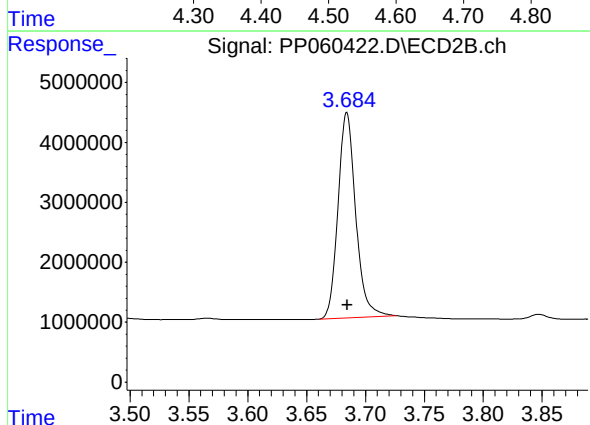




#1 Tetrachloro-m-xylene

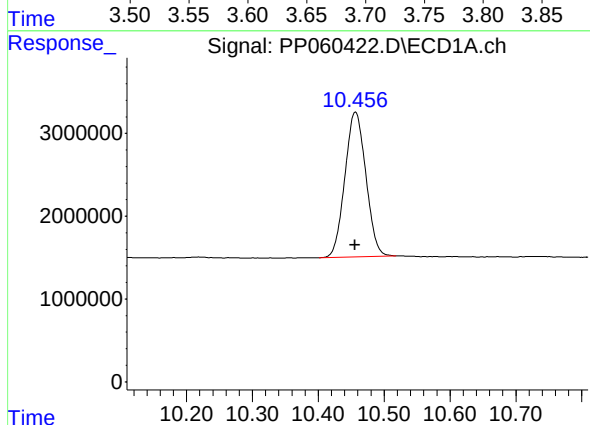
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 49543442
Conc: 22.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



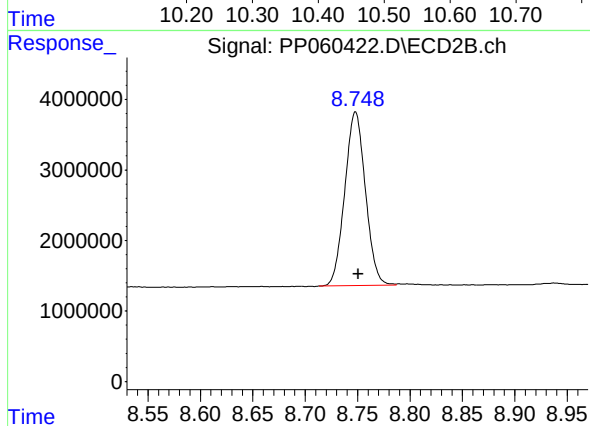
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 35864258
Conc: 24.09 ng/ml



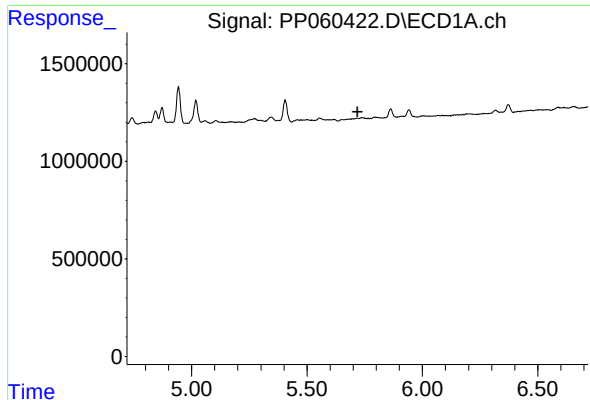
#2 Decachlorobiphenyl

R.T.: 10.457 min
Delta R.T.: 0.001 min
Response: 38702717
Conc: 21.92 ng/ml



#2 Decachlorobiphenyl

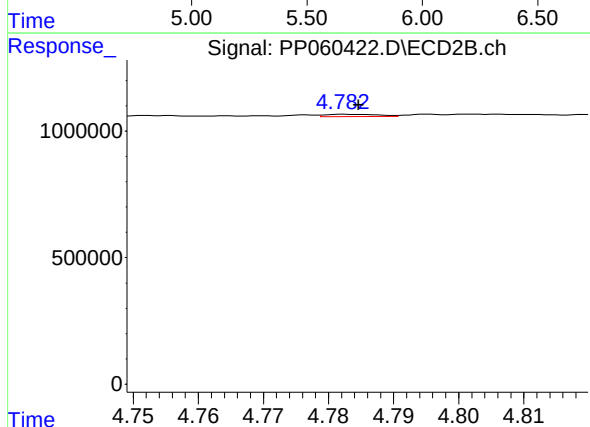
R.T.: 8.748 min
Delta R.T.: -0.003 min
Response: 33732350
Conc: 20.68 ng/ml



#3 AR-1016-1

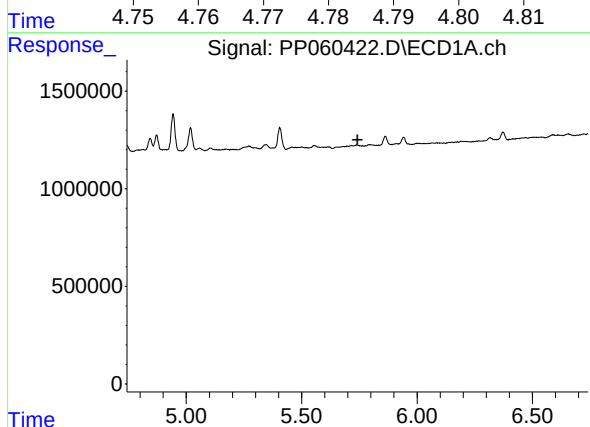
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



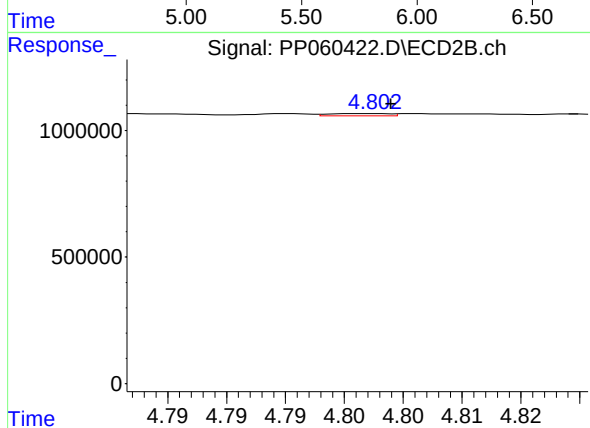
#3 AR-1016-1

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 53473
Conc: 0.92 ng/ml



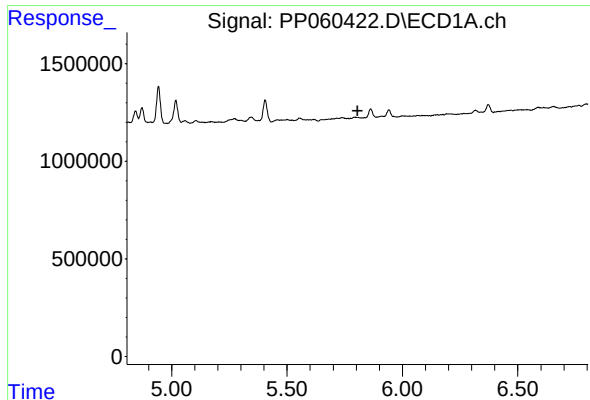
#4 AR-1016-2

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



#4 AR-1016-2

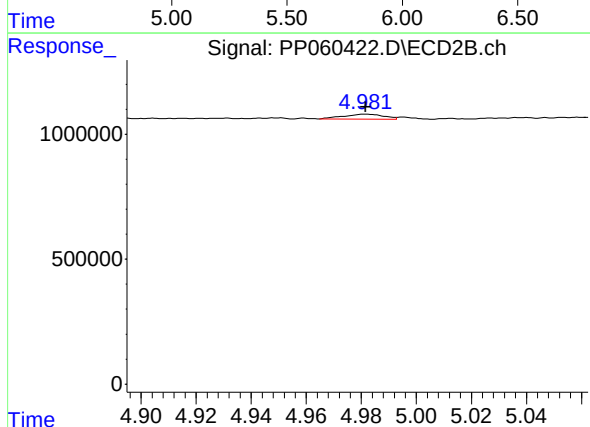
R.T.: 4.803 min
Delta R.T.: -0.001 min
Response: 32441
Conc: 0.40 ng/ml



#5 AR-1016-3

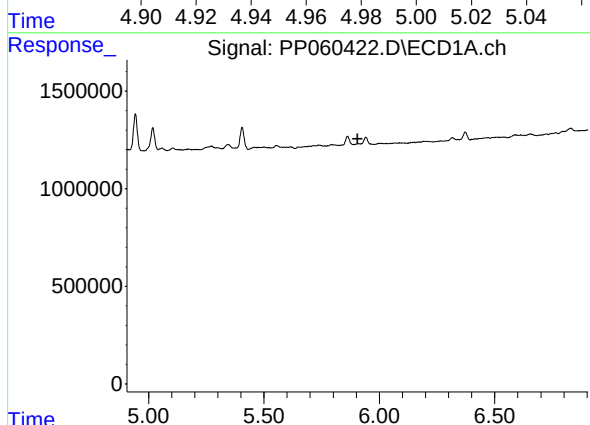
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



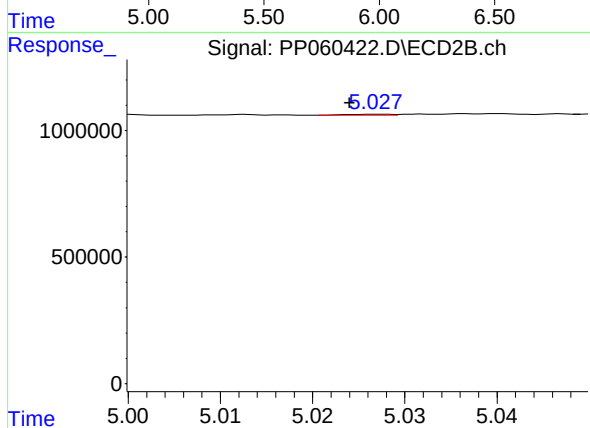
#5 AR-1016-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 199871
Conc: 4.47 ng/ml



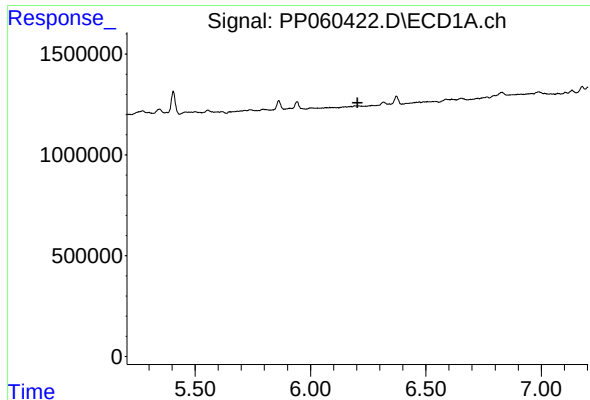
#6 AR-1016-4

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



#6 AR-1016-4

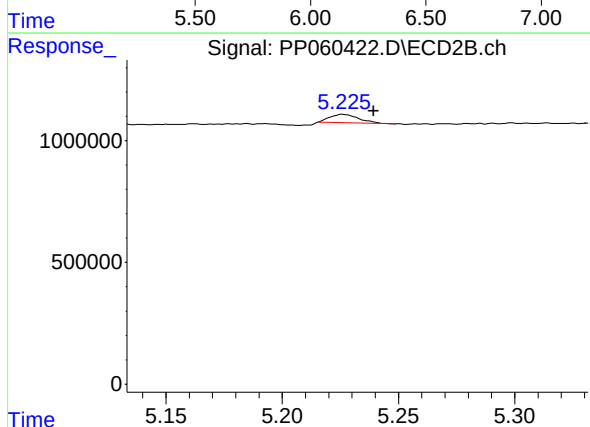
R.T.: 5.027 min
Delta R.T.: 0.003 min
Response: 12183
Conc: 0.34 ng/ml



#7 AR-1016-5

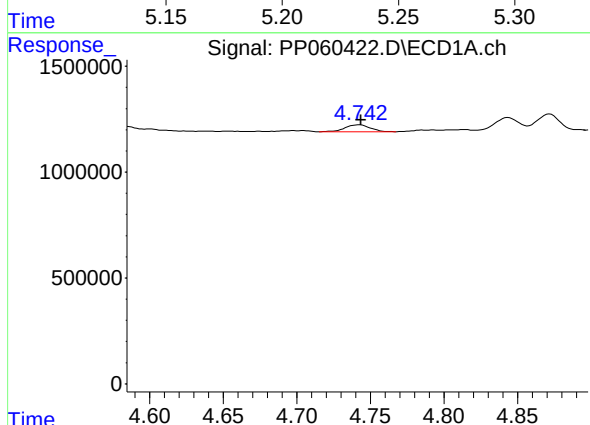
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



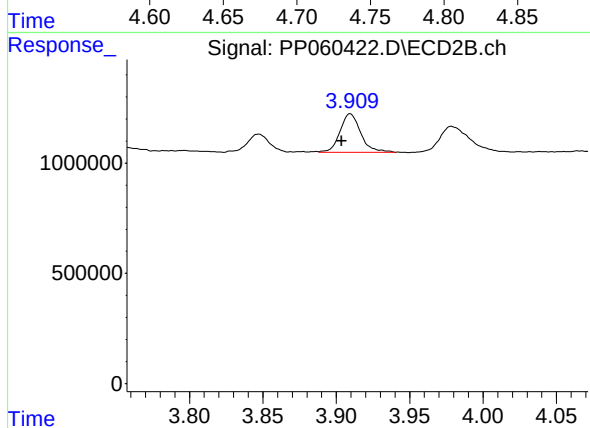
#7 AR-1016-5

R.T.: 5.226 min
Delta R.T.: -0.013 min
Response: 306884
Conc: 6.32 ng/ml



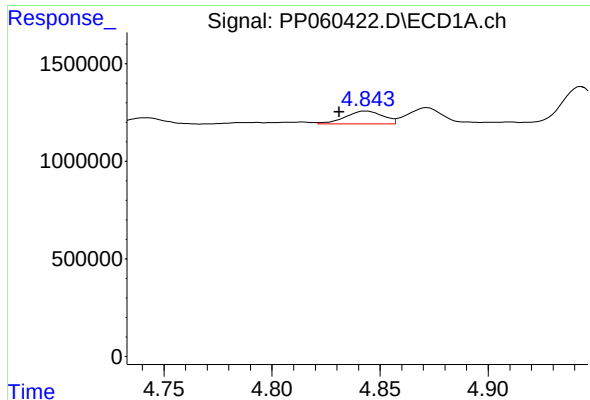
#8 AR-1221-1

R.T.: 4.742 min
Delta R.T.: -0.001 min
Response: 388035
Conc: 13.43 ng/ml



#8 AR-1221-1

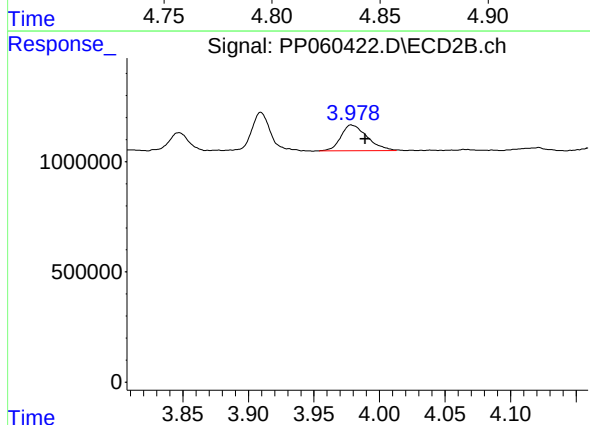
R.T.: 3.910 min
Delta R.T.: 0.006 min
Response: 1733038
Conc: 82.96 ng/ml



#9 AR-1221-2

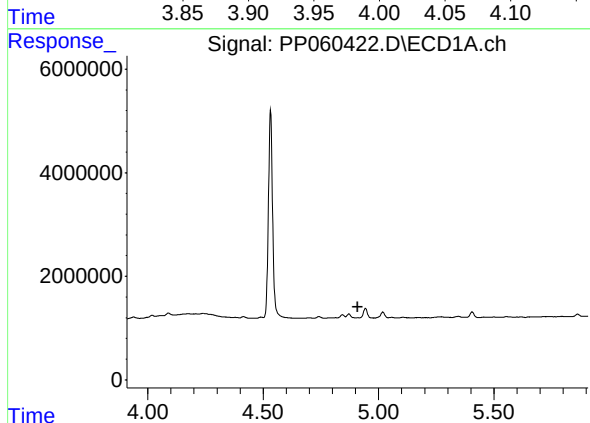
R.T.: 4.844 min
Delta R.T.: 0.013 min
Response: 786389
Conc: 36.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



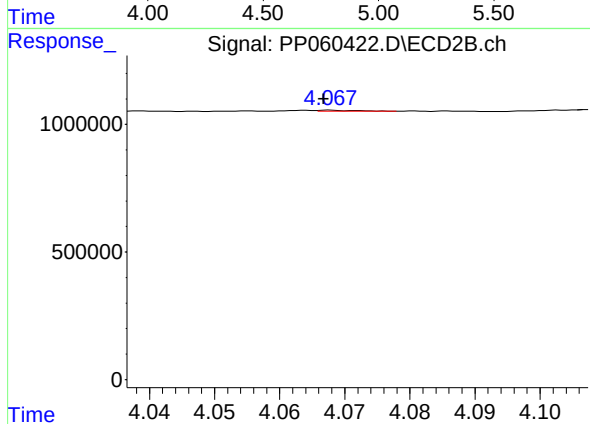
#9 AR-1221-2

R.T.: 3.978 min
Delta R.T.: -0.011 min
Response: 1644299
Conc: 110.27 ng/ml



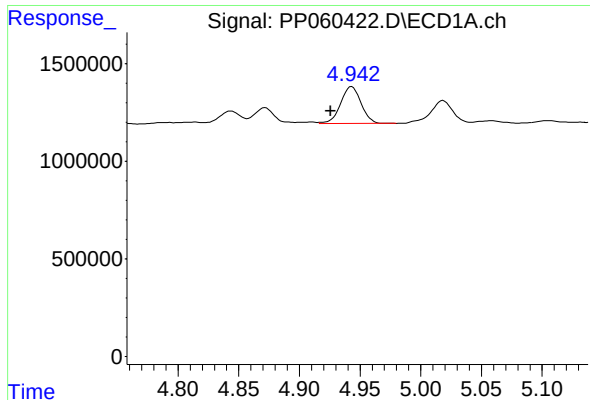
#10 AR-1221-3

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



#10 AR-1221-3

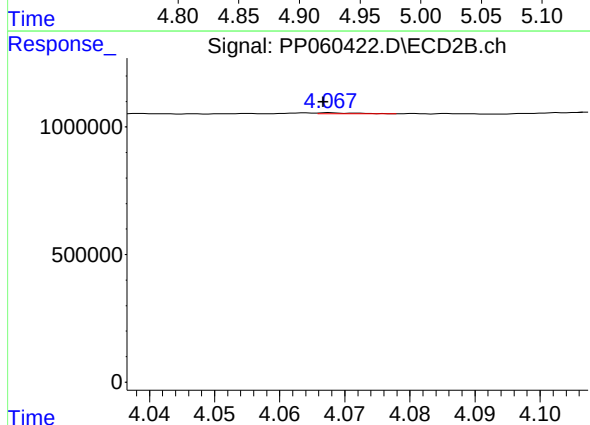
R.T.: 4.068 min
Delta R.T.: 0.001 min
Response: 15830
Conc: 0.36 ng/ml



#11 AR-1232-1

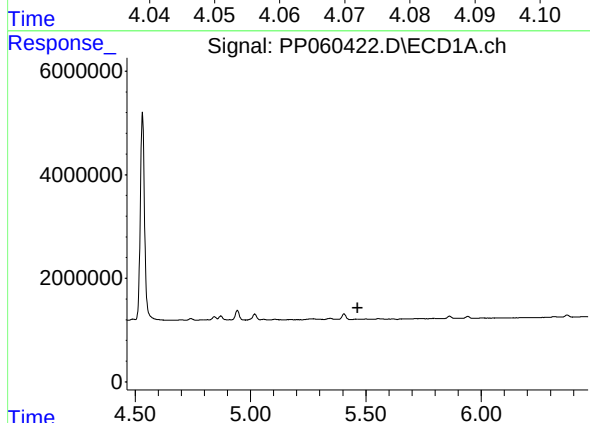
R.T.: 4.943 min
Delta R.T.: 0.017 min
Response: 2227002
Conc: 44.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



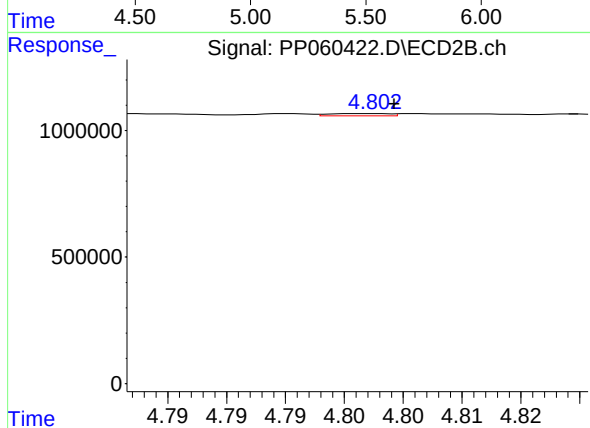
#11 AR-1232-1

R.T.: 4.068 min
Delta R.T.: 0.001 min
Response: 15830
Conc: 0.44 ng/ml



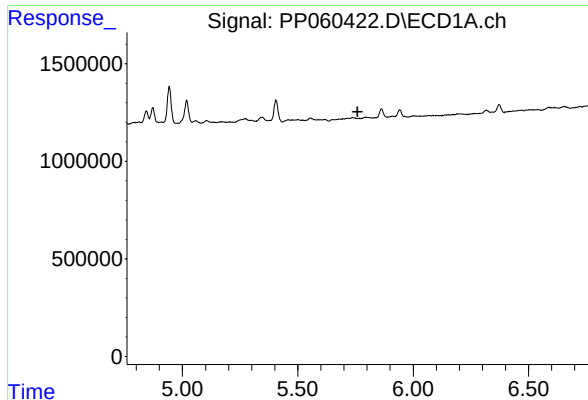
#12 AR-1232-2

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



#12 AR-1232-2

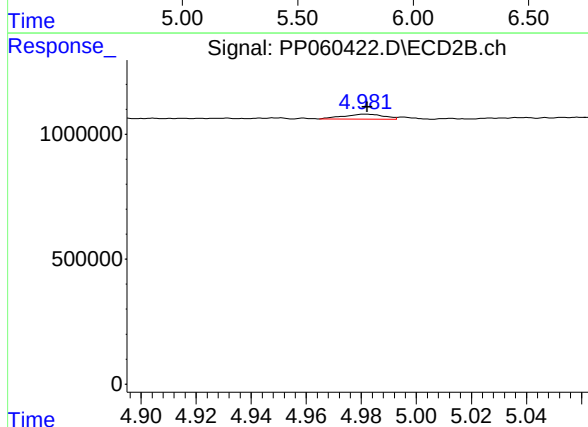
R.T.: 4.803 min
Delta R.T.: -0.001 min
Response: 32441
Conc: 0.89 ng/ml



#13 AR-1232-3

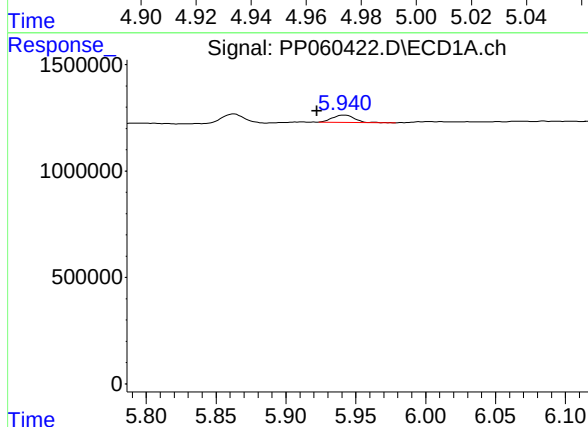
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



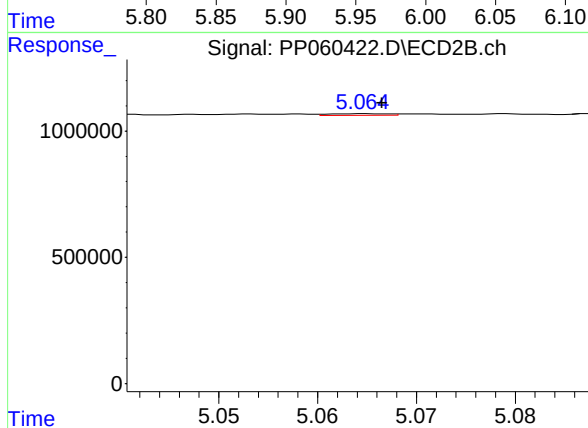
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: -0.001 min
Response: 199871
Conc: 9.99 ng/ml



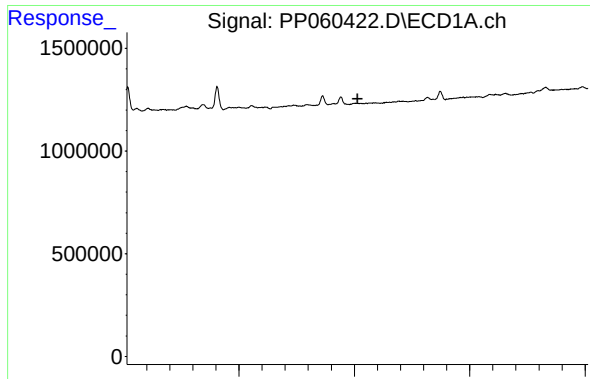
#14 AR-1232-4

R.T.: 5.941 min
Delta R.T.: 0.019 min
Response: 388538
Conc: 15.81 ng/ml



#14 AR-1232-4

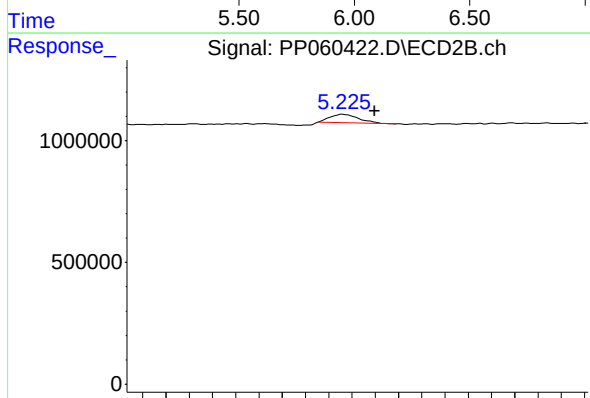
R.T.: 5.065 min
Delta R.T.: -0.002 min
Response: 27233
Conc: 1.46 ng/ml



#15 AR-1232-5

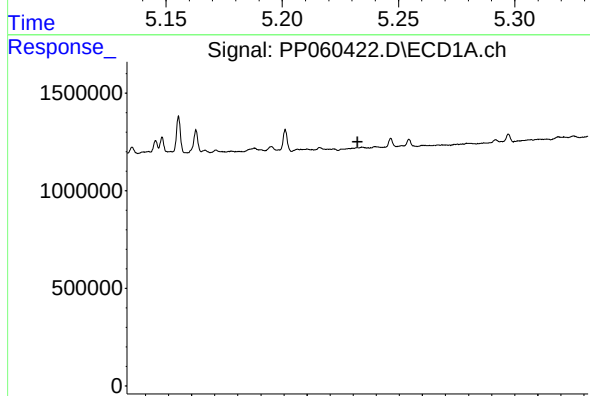
R.T.: 0.000 min
Exp R.T.: 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



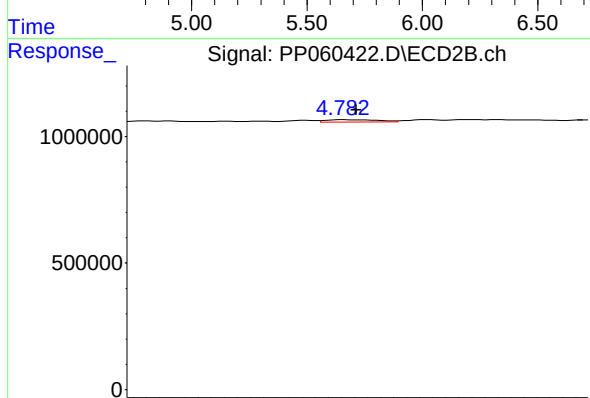
#15 AR-1232-5

R.T.: 5.226 min
Delta R.T.: -0.014 min
Response: 306884
Conc: 14.75 ng/ml



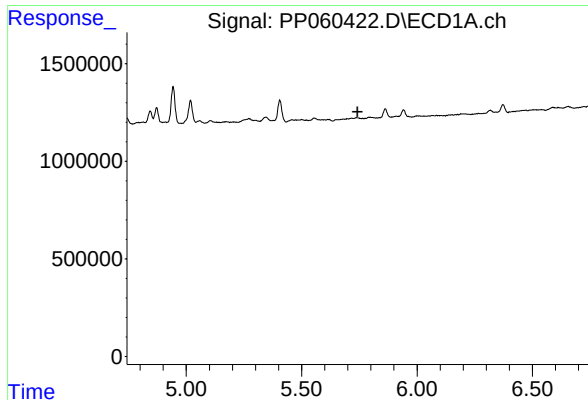
#16 AR-1242-1

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



#16 AR-1242-1

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 53473
Conc: 1.06 ng/ml

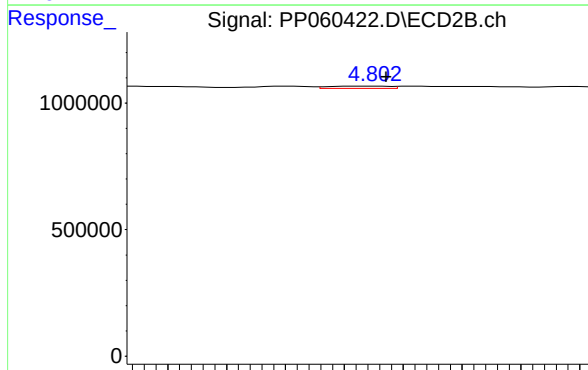


#17 AR-1242-2

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

Instrument :
ECD_P
ClientSampleId :

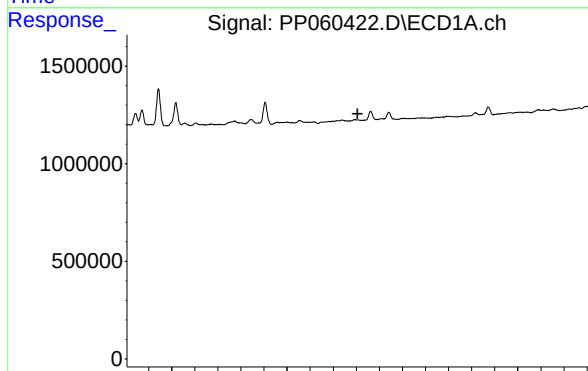
Time



#17 AR-1242-2

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 32441
Conc: 0.47 ng/ml

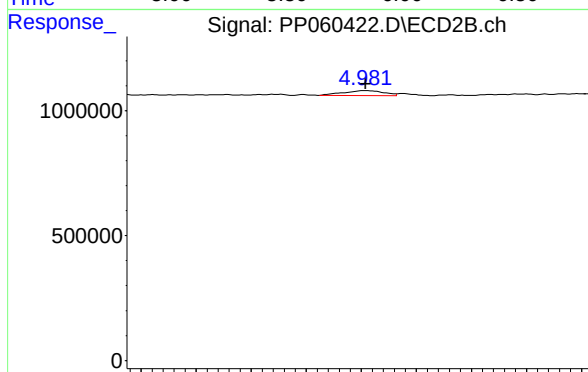
Time



#18 AR-1242-3

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

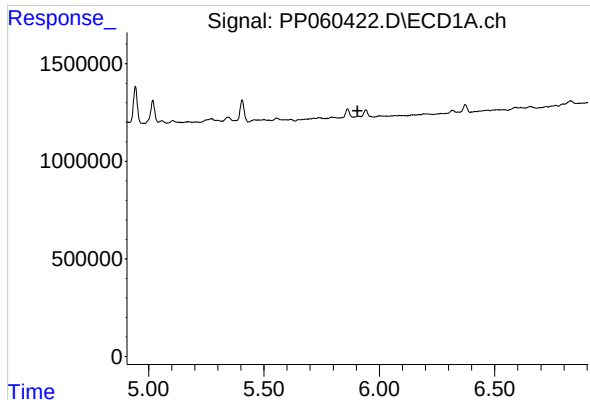
Time



#18 AR-1242-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 199871
Conc: 5.19 ng/ml

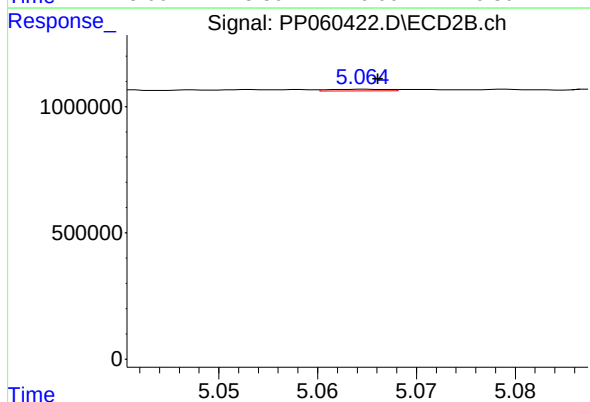
Time



#19 AR-1242-4

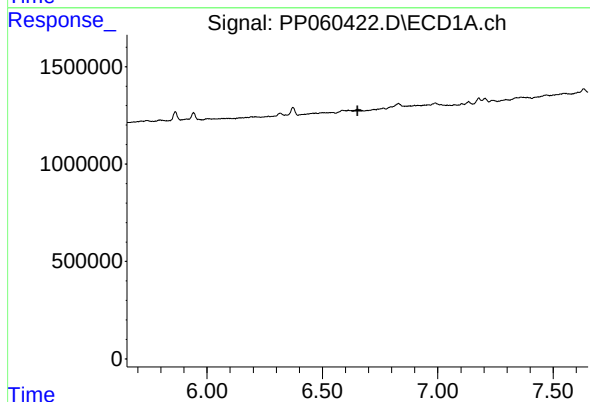
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



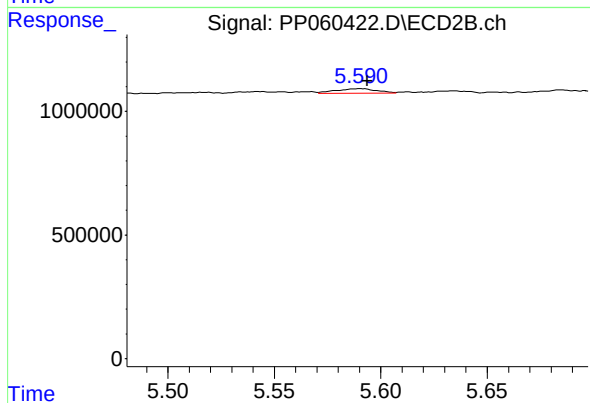
#19 AR-1242-4

R.T.: 5.065 min
Delta R.T.: -0.001 min
Response: 27233
Conc: 0.69 ng/ml



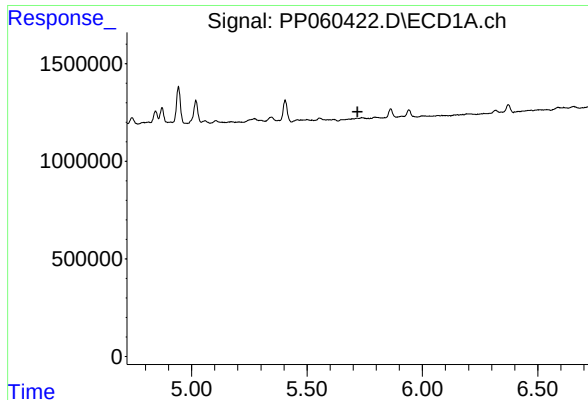
#20 AR-1242-5

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



#20 AR-1242-5

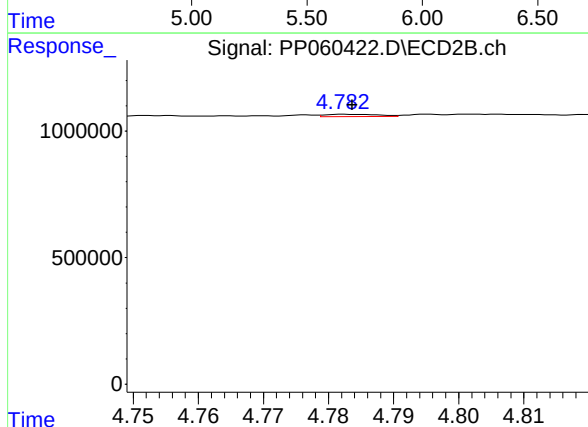
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 241300
Conc: 4.93 ng/ml



#21 AR-1248-1

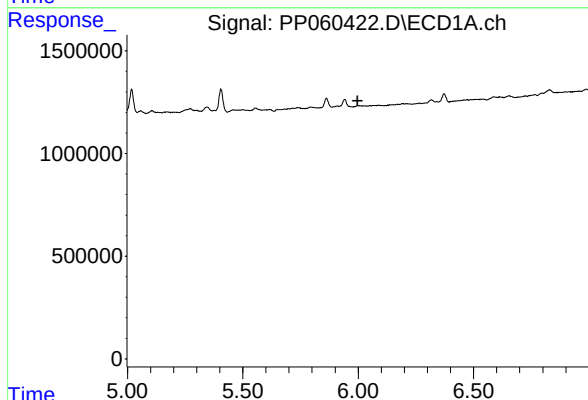
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



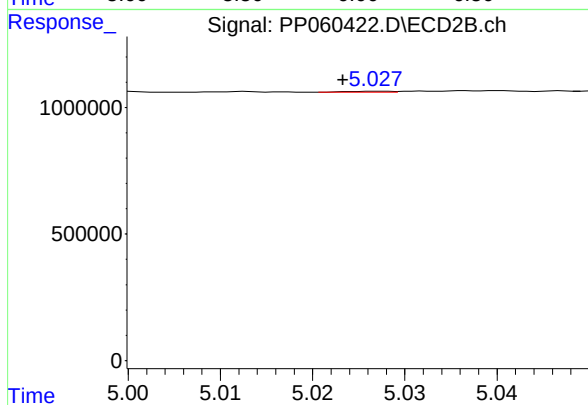
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: -0.001 min
Response: 53473
Conc: 1.47 ng/ml



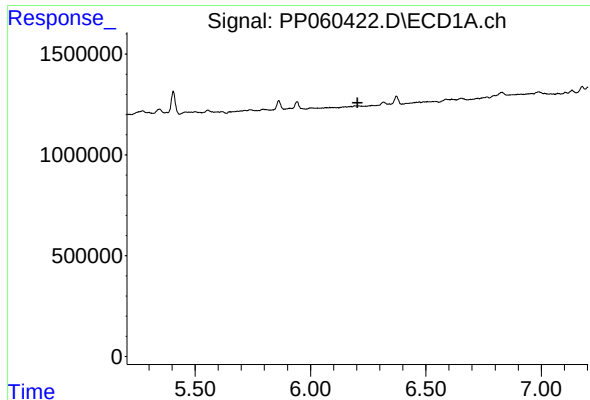
#22 AR-1248-2

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



#22 AR-1248-2

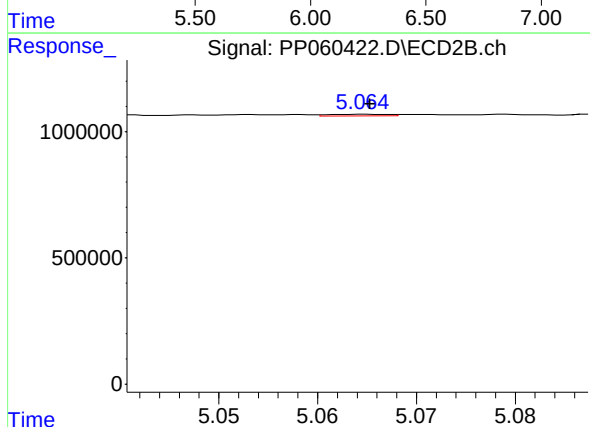
R.T.: 5.027 min
Delta R.T.: 0.004 min
Response: 12183
Conc: 0.23 ng/ml



#23 AR-1248-3

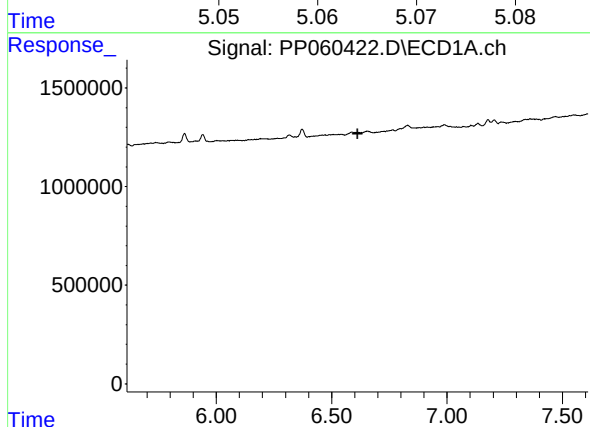
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



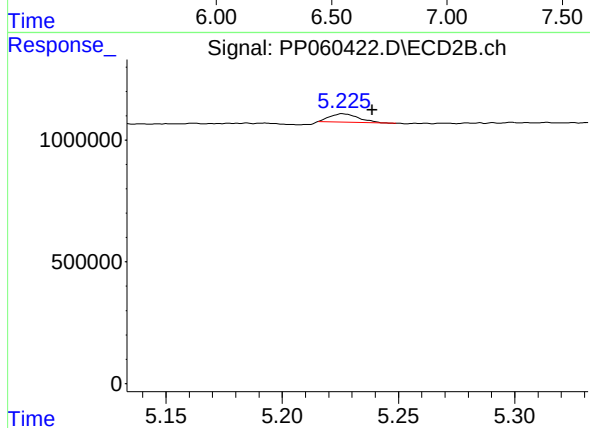
#23 AR-1248-3

R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 27233
Conc: 0.49 ng/ml



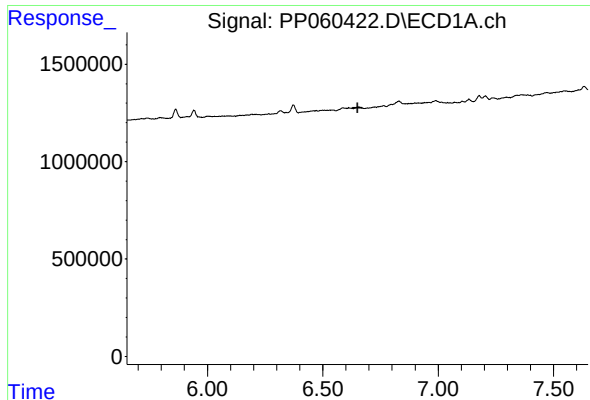
#24 AR-1248-4

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



#24 AR-1248-4

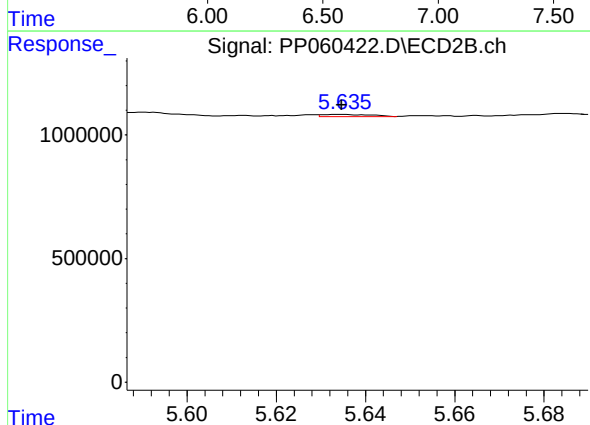
R.T.: 5.226 min
Delta R.T.: -0.013 min
Response: 306884
Conc: 4.66 ng/ml



#25 AR-1248-5

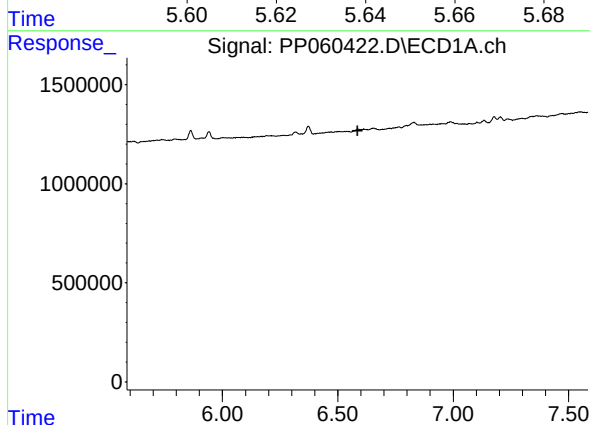
R.T.: 0.000 min
Exp R.T.: 6.651 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



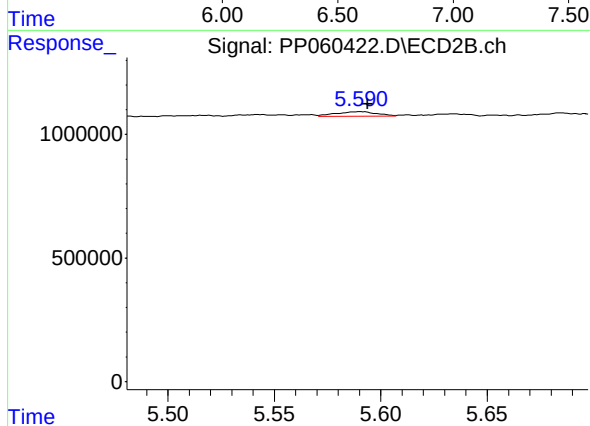
#25 AR-1248-5

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 63596
Conc: 0.99 ng/ml



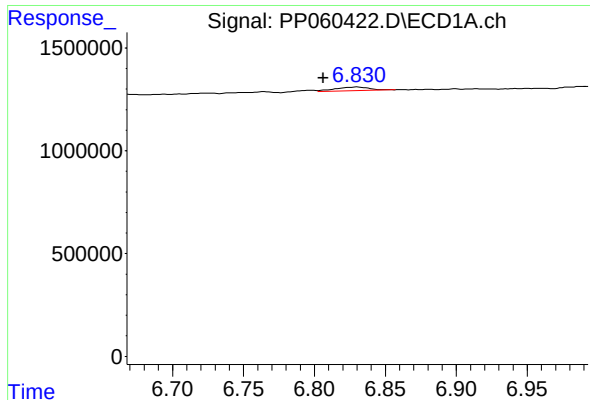
#26 AR-1254-1

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



#26 AR-1254-1

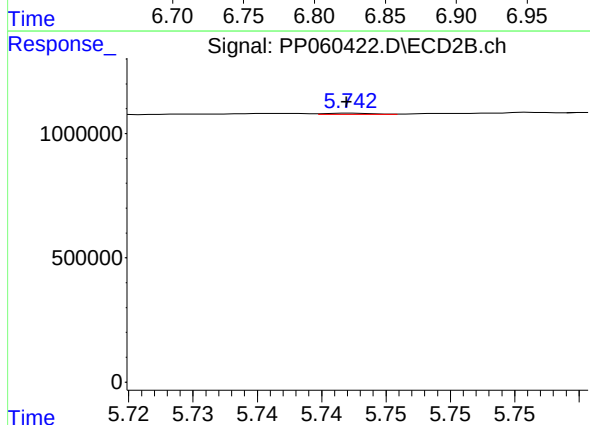
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 241300
Conc: 2.44 ng/ml



#27 AR-1254-2

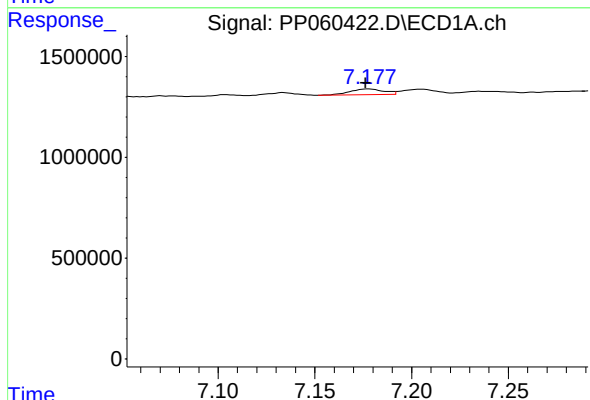
R.T.: 6.830 min
Delta R.T.: 0.024 min
Response: 289303
Conc: 2.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



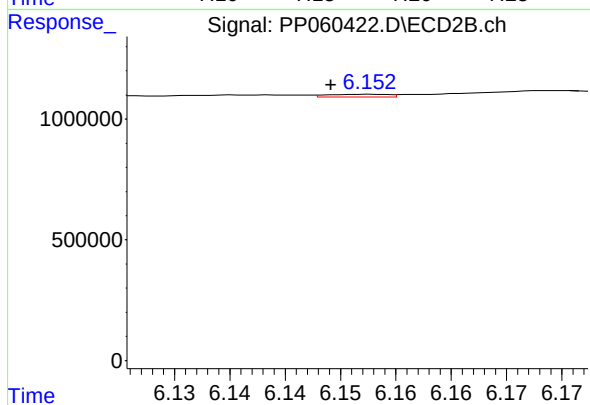
#27 AR-1254-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 12141
Conc: 0.14 ng/ml



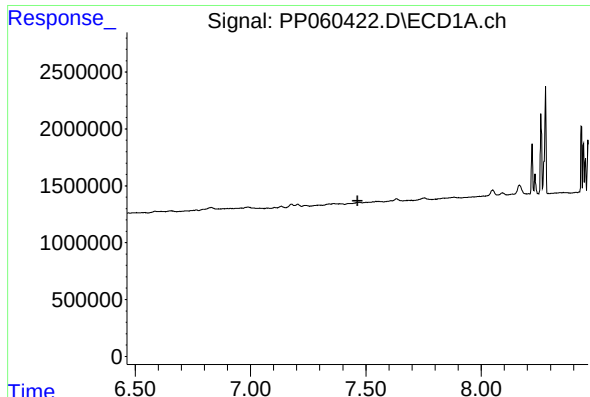
#28 AR-1254-3

R.T.: 7.178 min
Delta R.T.: 0.002 min
Response: 339372
Conc: 2.55 ng/ml



#28 AR-1254-3

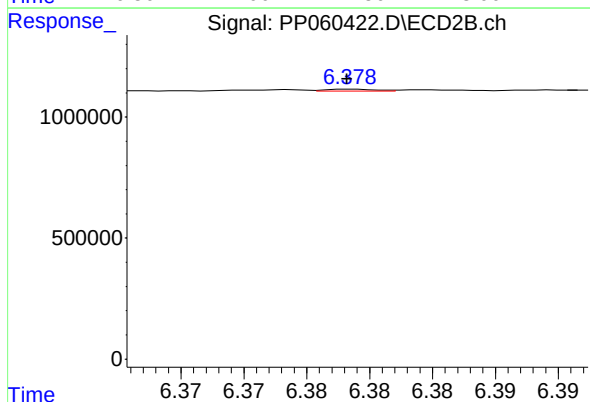
R.T.: 6.153 min
Delta R.T.: 0.004 min
Response: 39787
Conc: 0.28 ng/ml



#29 AR-1254-4

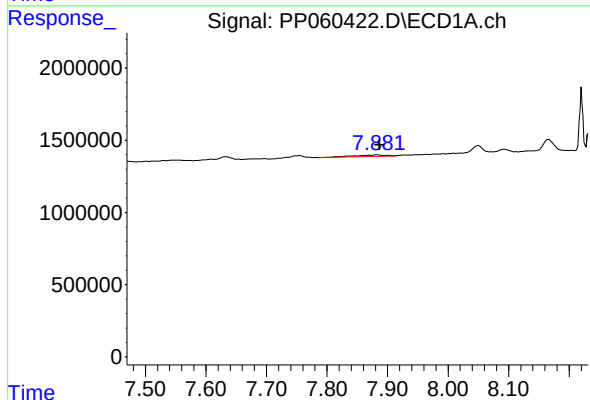
R.T.: 0.000 min
Exp R.T.: 7.464 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



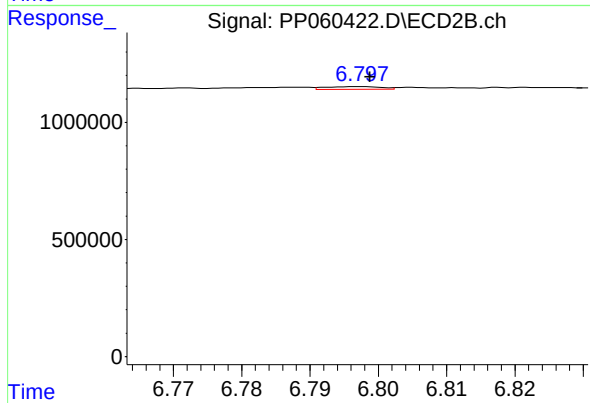
#29 AR-1254-4

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 21693
Conc: 0.25 ng/ml



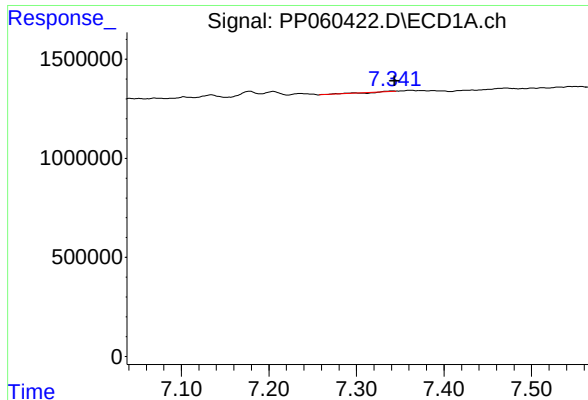
#30 AR-1254-5

R.T.: 7.883 min
Delta R.T.: -0.004 min
Response: 392266
Conc: 3.62 ng/ml



#30 AR-1254-5

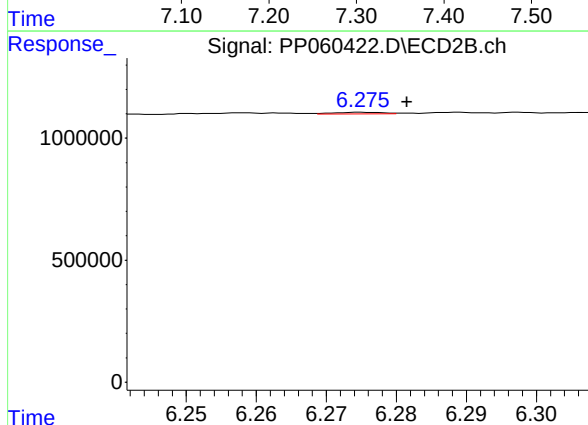
R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 69126
Conc: 0.55 ng/ml



#31 AR-1260-1

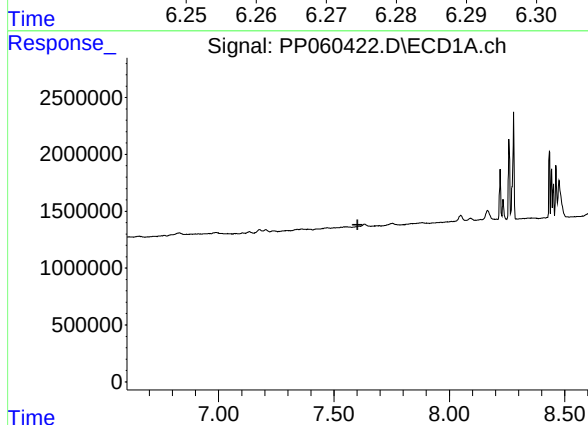
R.T.: 7.341 min
Delta R.T.: -0.003 min
Response: 13309
Conc: 0.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



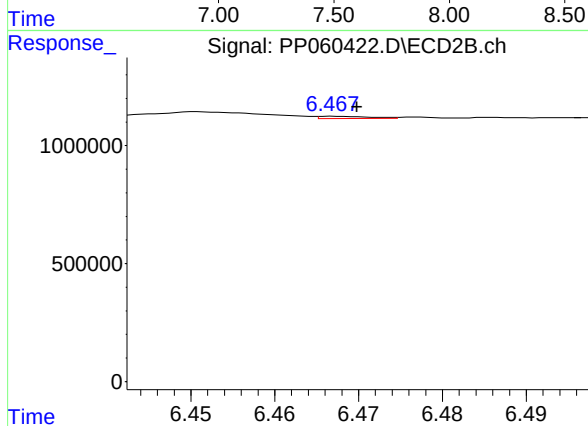
#31 AR-1260-1

R.T.: 6.275 min
Delta R.T.: -0.006 min
Response: 32763
Conc: 0.33 ng/ml



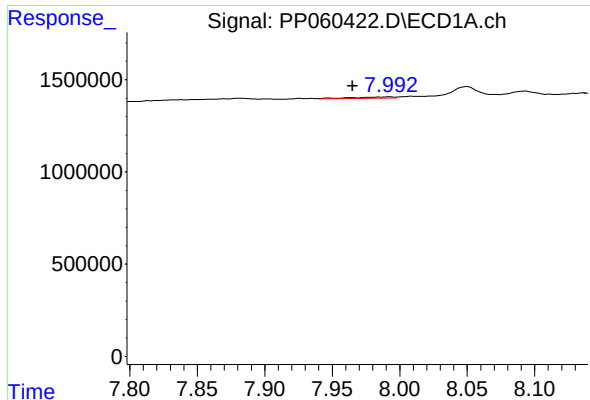
#32 AR-1260-2

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



#32 AR-1260-2

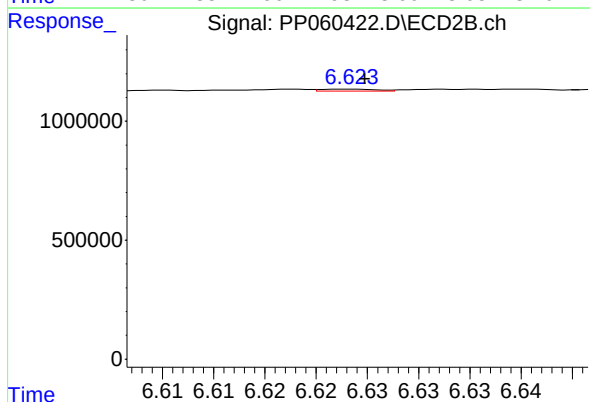
R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 37703
Conc: 0.32 ng/ml



#33 AR-1260-3

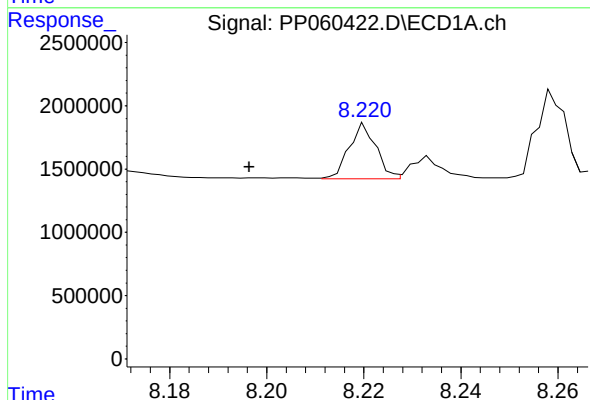
R.T.: 7.993 min
Delta R.T.: 0.028 min
Response: 166269
Conc: 1.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



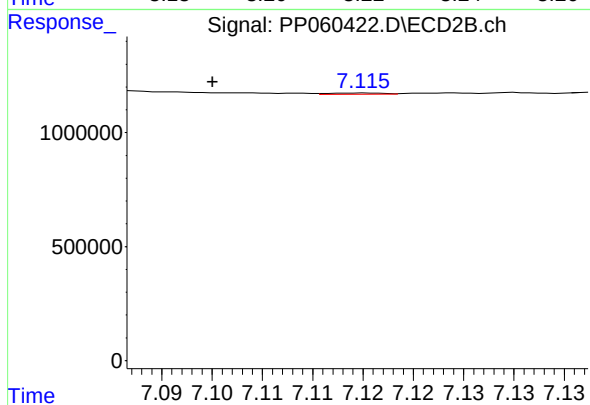
#33 AR-1260-3

R.T.: 6.624 min
Delta R.T.: -0.001 min
Response: 33032
Conc: 0.29 ng/ml



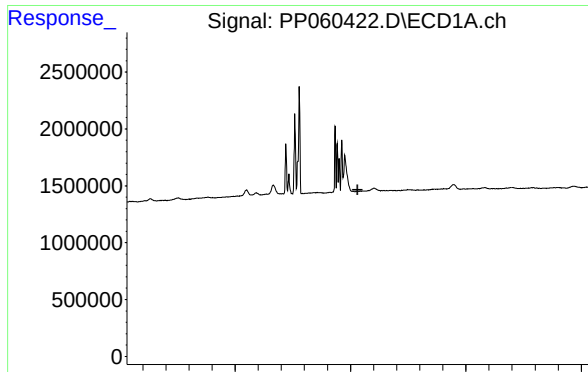
#34 AR-1260-4

R.T.: 8.220 min
Delta R.T.: 0.024 min
Response: 1682229
Conc: 15.86 ng/ml



#34 AR-1260-4

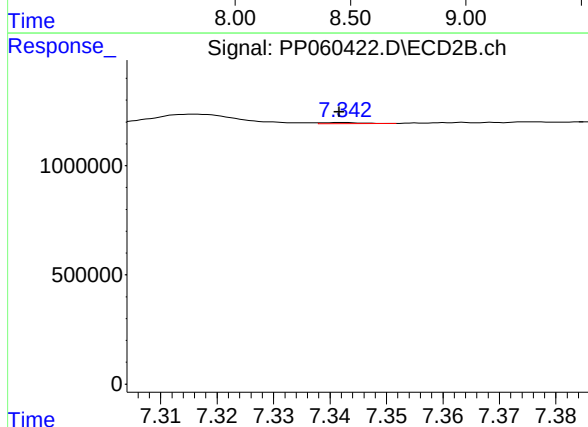
R.T.: 7.115 min
Delta R.T.: 0.015 min
Response: 20595
Conc: 0.22 ng/ml



#35 AR-1260-5

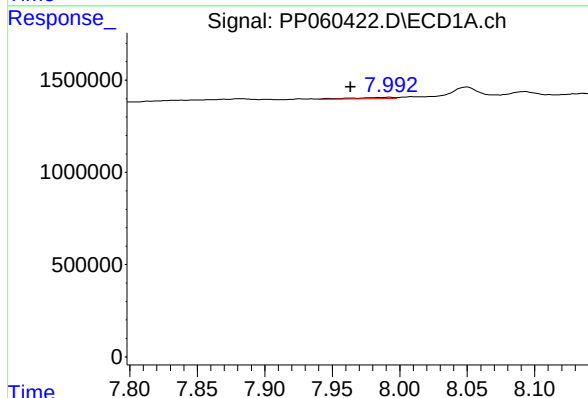
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



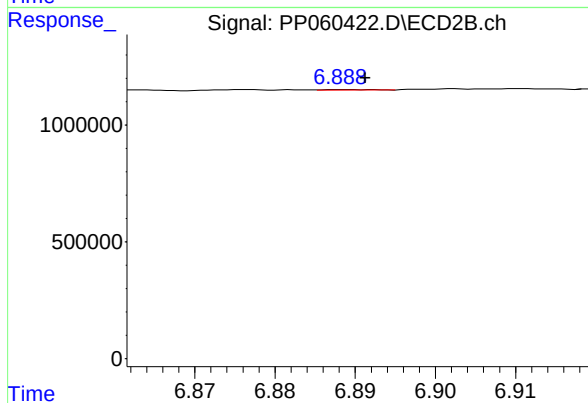
#35 AR-1260-5

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 29015
Conc: 0.13 ng/ml



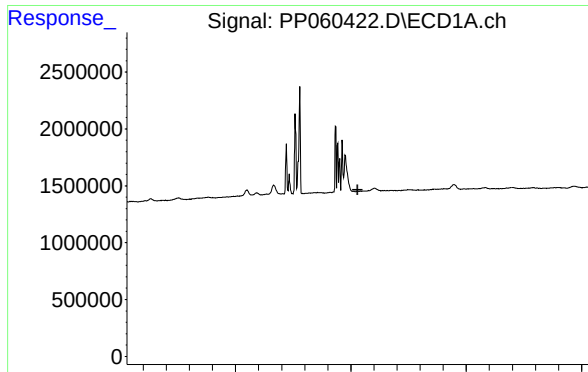
#36 AR-1262-1

R.T.: 7.993 min
Delta R.T.: 0.029 min
Response: 166269
Conc: 1.33 ng/ml



#36 AR-1262-1

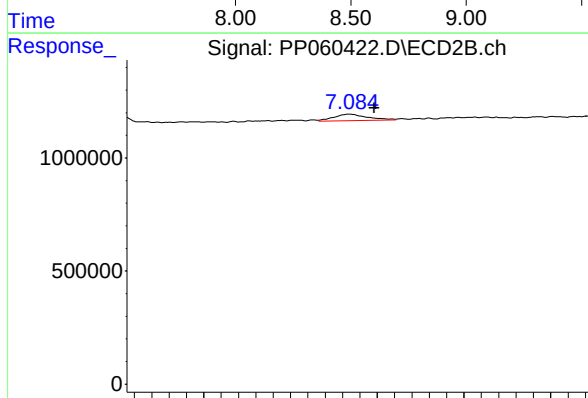
R.T.: 6.888 min
Delta R.T.: -0.003 min
Response: 11466
Conc: 0.21 ng/ml



#37 AR-1262-2

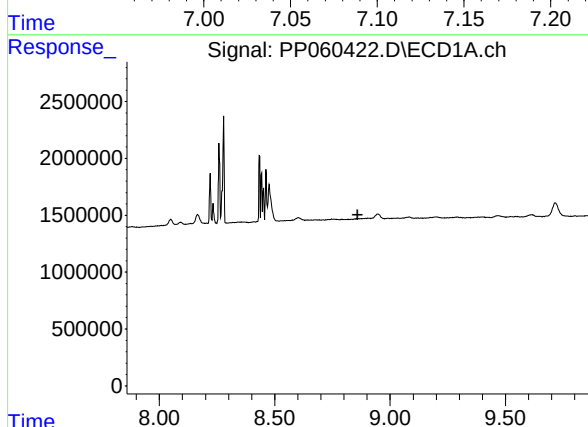
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



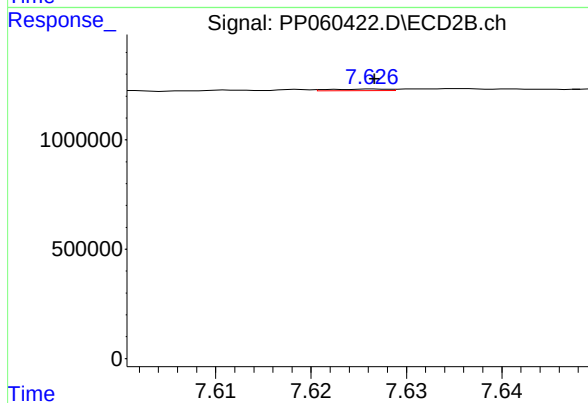
#37 AR-1262-2

R.T.: 7.084 min
Delta R.T.: -0.014 min
Response: 384676
Conc: 3.26 ng/ml



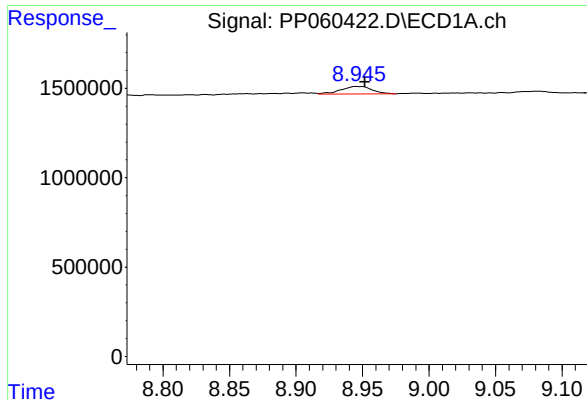
#38 AR-1262-3

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



#38 AR-1262-3

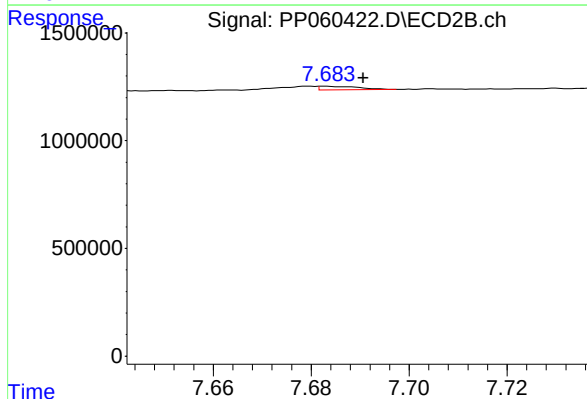
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 29494
Conc: 0.32 ng/ml



#39 AR-1262-4

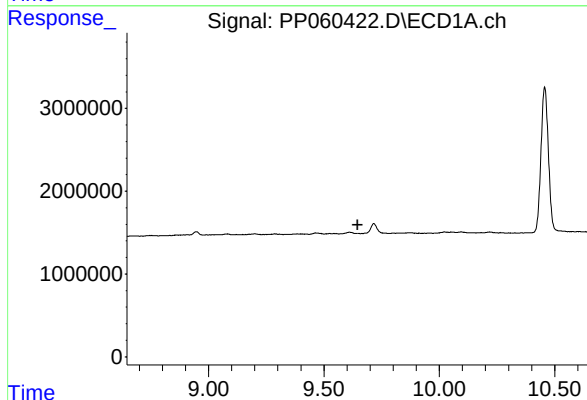
R.T.: 8.946 min
Delta R.T.: -0.006 min
Response: 701539
Conc: 5.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



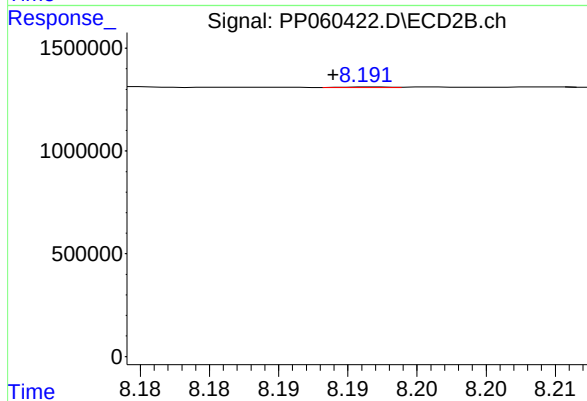
#39 AR-1262-4

R.T.: 7.683 min
Delta R.T.: -0.007 min
Response: 97438
Conc: 0.58 ng/ml



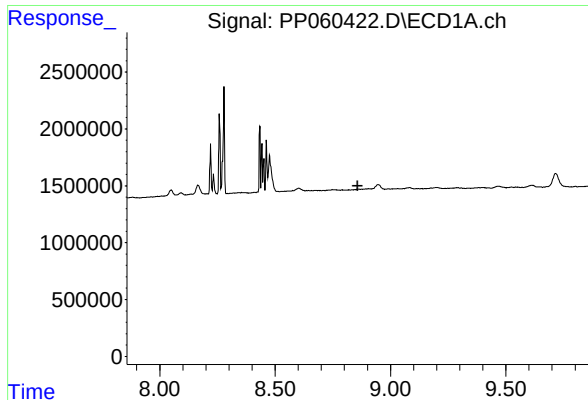
#40 AR-1262-5

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



#40 AR-1262-5

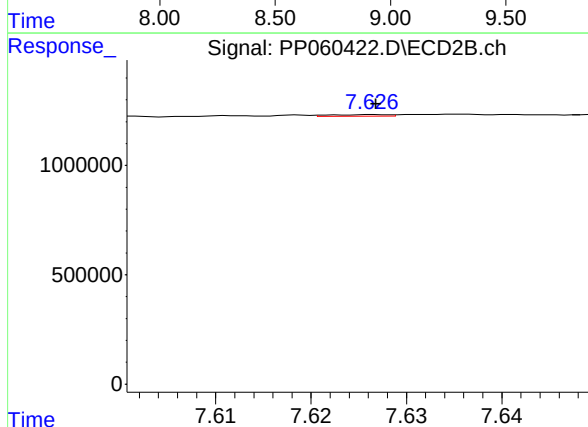
R.T.: 8.192 min
Delta R.T.: 0.003 min
Response: 6374
Conc: 0.08 ng/ml



#41 AR-1268-1

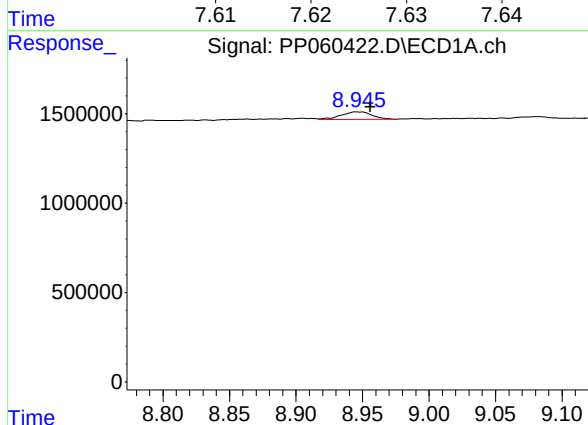
R.T.: 0.000 min
Exp R.T.: 8.856 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



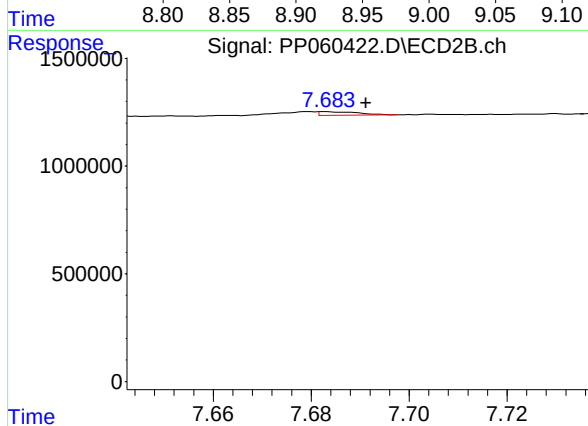
#41 AR-1268-1

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 29494
Conc: 0.11 ng/ml



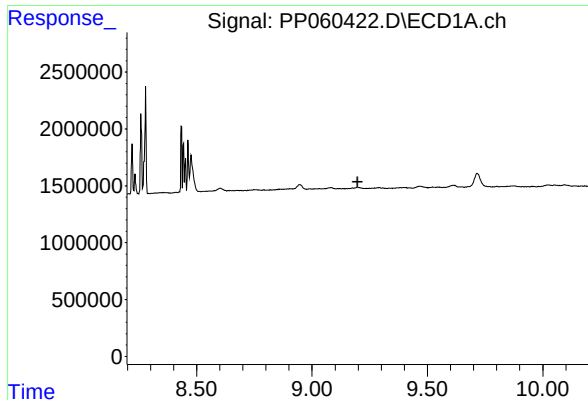
#42 AR-1268-2

R.T.: 8.946 min
Delta R.T.: -0.010 min
Response: 701539
Conc: 2.88 ng/ml



#42 AR-1268-2

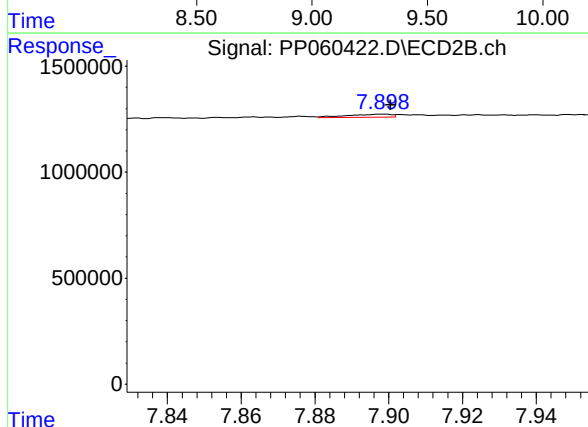
R.T.: 7.683 min
Delta R.T.: -0.008 min
Response: 97438
Conc: 0.40 ng/ml



#43 AR-1268-3

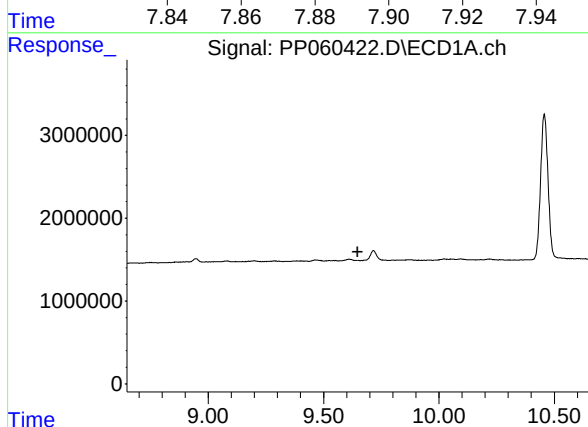
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



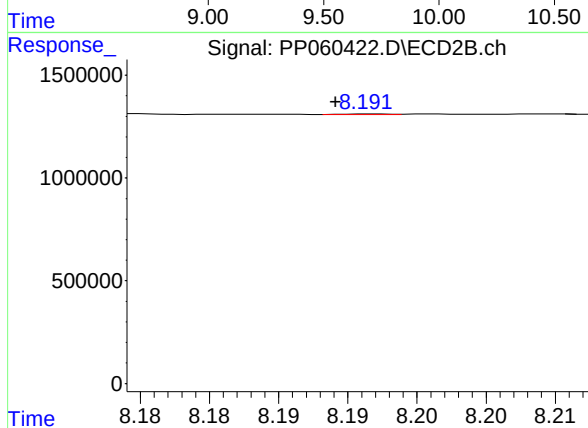
#43 AR-1268-3

R.T.: 7.899 min
Delta R.T.: -0.002 min
Response: 118765
Conc: 0.56 ng/ml



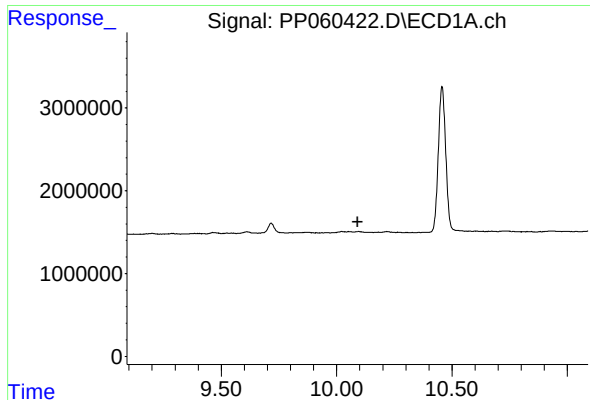
#44 AR-1268-4

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



#44 AR-1268-4

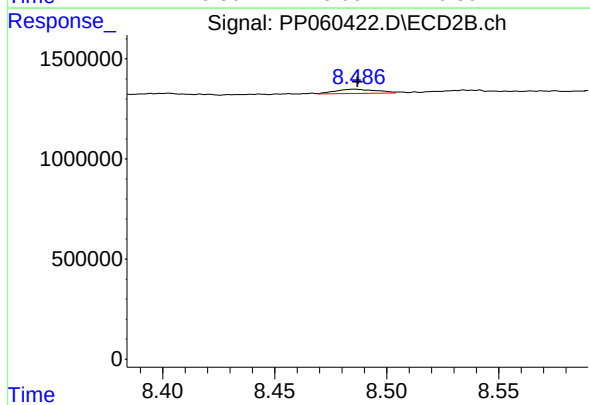
R.T.: 8.192 min
Delta R.T.: 0.002 min
Response: 6374
Conc: 0.07 ng/ml



#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.: 8.486 min
Delta R.T.: 0.000 min
Response: 271491
Conc: 0.43 ng/ml