

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092023\
 Data File : PP060073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2023 05:57
 Operator : YP\AJ
 Sample : 04506-01 10X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 06:11:57 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...	4.508	3.665	3295256	3536769	1.584	2.171 #
2) SA Decachlor...	10.428	8.767	1938729	30255	1.271	0.020 #
Target Compounds						
3) L1 AR-1016-1	5.696	4.765	658297	853491	9.756	14.197 #
4) L1 AR-1016-2	5.747f	4.765f	3826797	853491	40.004	10.283 #
6) L1 AR-1016-4	0.000	5.014	0	1783192	N.D.	50.546 #
7) L1 AR-1016-5	6.184	5.230	4410003	229081	89.693	4.927 #
8) L2 AR-1221-1	4.710	3.914f	8646920	220411	325.278	10.035 #
9) L2 AR-1221-2	4.818	3.982	924556	296612	46.972	19.212 #
10) L2 AR-1221-3	4.882	4.052	392366	769383	6.869	16.404 #
11) L3 AR-1232-1	4.882	4.052	392366	769383	8.410	20.240 #
12) L3 AR-1232-2	5.447f	4.765f	2542009	853491	100.084	23.147 #
13) L3 AR-1232-3	5.696f	0.000	658297	0	15.237	N.D. #
14) L3 AR-1232-4	0.000	5.049	0	127804	N.D.	6.997 #
15) L3 AR-1232-5	6.005f	5.230	3719761	229081	202.763	11.426 #
16) L4 AR-1242-1	5.696	4.765	658297	853491	11.022	16.207 #
17) L4 AR-1242-2	5.747f	4.765f	3826797	853491	45.537	11.845 #
19) L4 AR-1242-4	0.000	5.049	0	127804	N.D.	3.261 #
20) L4 AR-1242-5	6.658f	5.587	657358	675126	14.378	13.955
21) L5 AR-1248-1	5.696	4.765	658297	853491	14.728	21.844 #
22) L5 AR-1248-2	0.000	5.014	0	1783192	N.D.	32.910 #
23) L5 AR-1248-3	6.184	5.049	4410003	127804	62.268	2.246 #
24) L5 AR-1248-4	6.602	5.230	2005557	229081	25.930	3.411 #
25) L5 AR-1248-5	6.658f	5.623	657358	977813	8.737	14.823 #
26) L6 AR-1254-1	0.000	5.587	0	675126	N.D.	6.727 #
27) L6 AR-1254-2	6.805f	5.719	2985818	1208175	24.929	13.907 #
28) L6 AR-1254-3	0.000	6.142	0	158611	N.D.	1.130 #
29) L6 AR-1254-4	7.456	6.369	5537267	13185	62.265	0.157 #
30) L6 AR-1254-5	0.000	6.793	0	41031	N.D.	0.346 #
31) L7 AR-1260-1	0.000	6.290	0	27432	N.D.	0.295 #
32) L7 AR-1260-2	7.586	6.443f	332361	33934	3.240	0.310 #
33) L7 AR-1260-3	0.000	6.623	0	469169	N.D.	4.561 #
34) L7 AR-1260-4	0.000	7.103	0	38778	N.D.	0.466 #
35) L7 AR-1260-5	0.000	7.346	0	30814	N.D.	0.160 #
36) L8 AR-1262-1	0.000	6.881	0	425748	N.D.	8.435 #
37) L8 AR-1262-2	0.000	7.103	0	38778	N.D.	0.343 #
38) L8 AR-1262-3	8.848	7.626	15824827	12692	109.894	0.145 #
39) L8 AR-1262-4	8.963f	7.688	373481	20207	3.289	0.124 #
40) L8 AR-1262-5	0.000	8.215f	0	211250	N.D.	2.830 #
41) L9 AR-1268-1	8.848	7.626	15824827	12692	63.108	0.049 #
42) L9 AR-1268-2	8.963f	7.688	373481	20207	1.627	0.087 #
43) L9 AR-1268-3	0.000	7.893	0	46530	N.D.	0.228 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 06:11:57 2023
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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
44) L9	AR-1268-4	0.000	8.215f	0	211250	N.D.	2.616 #
45) L9	AR-1268-5	0.000	8.501	0	26091	N.D.	0.041 #

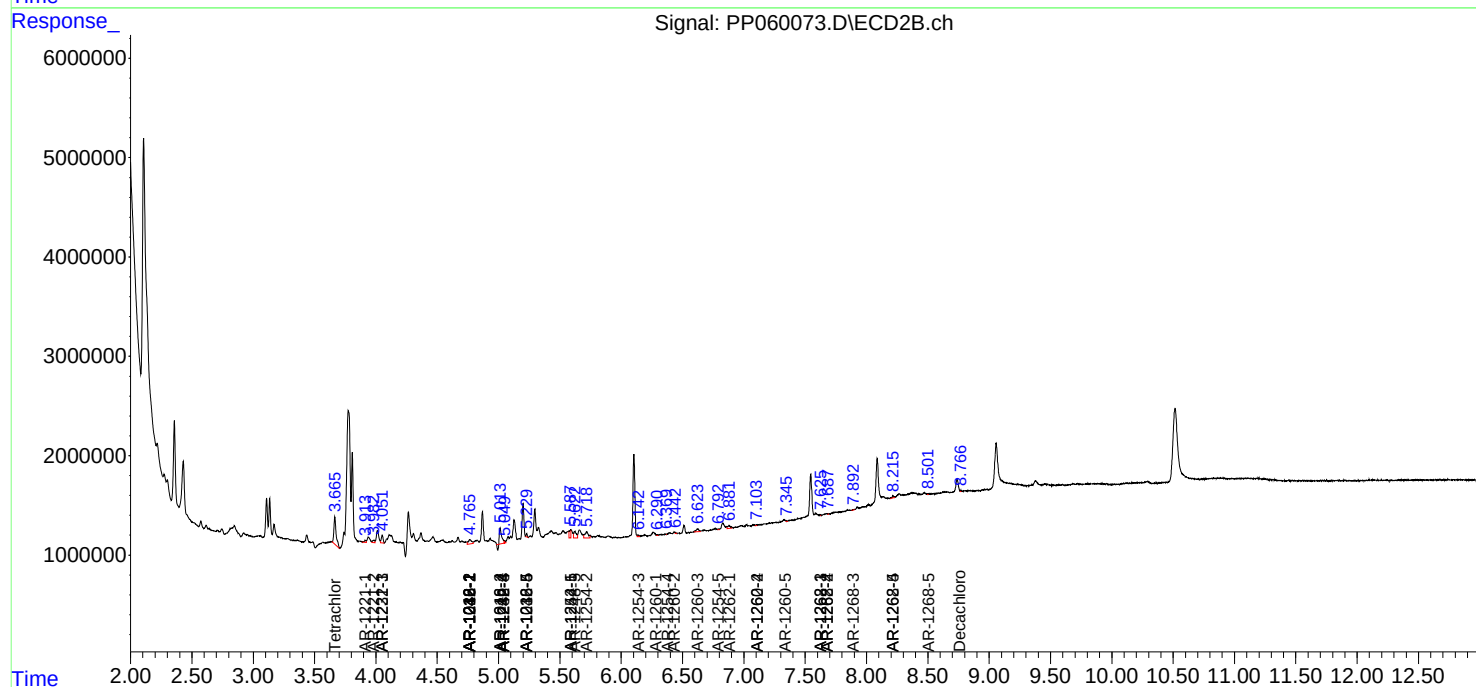
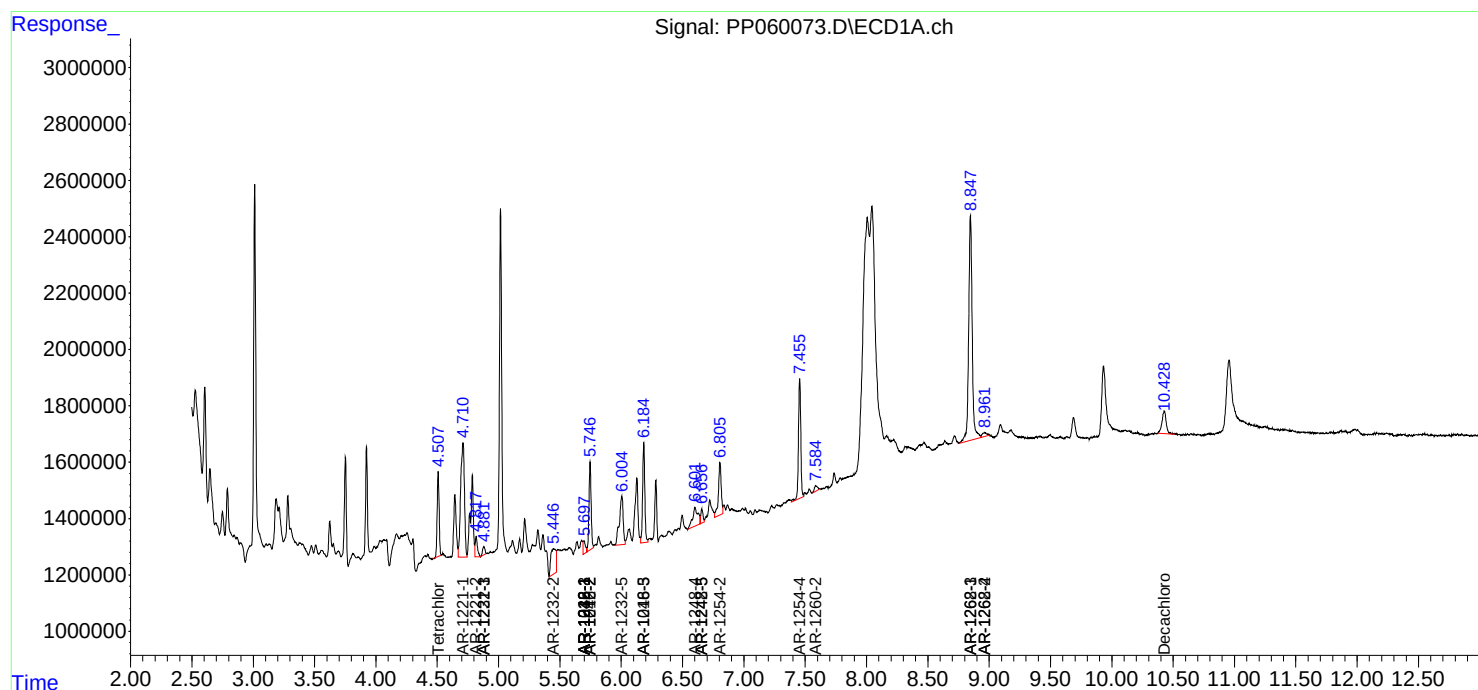
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

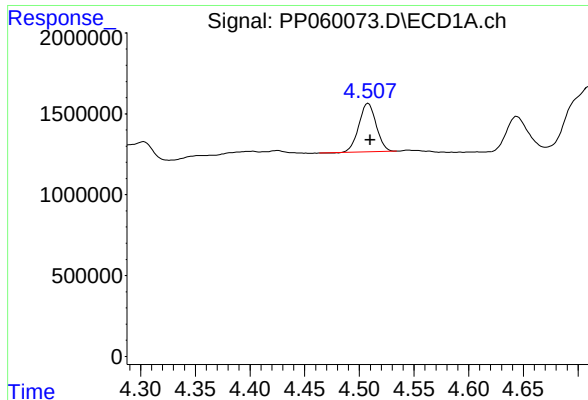
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092023\
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Integrator: ChemStation

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

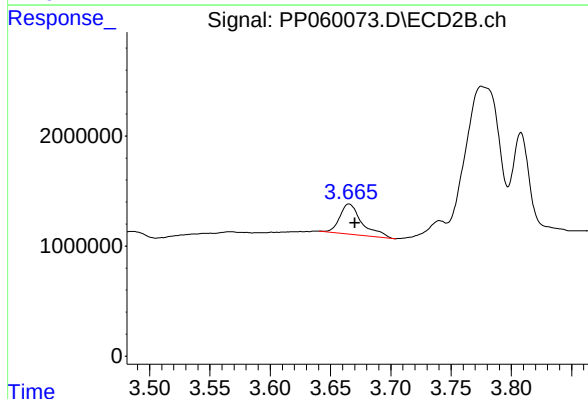




#1 Tetrachloro-m-xylene

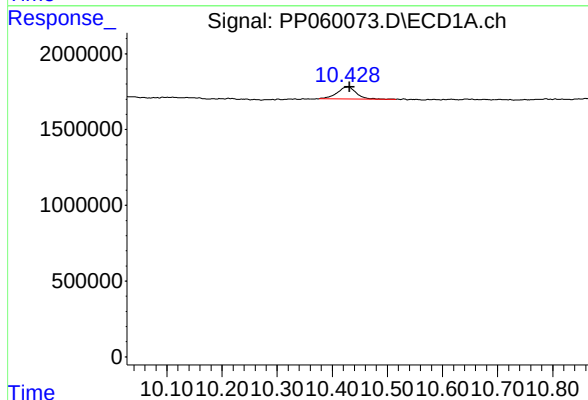
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 3295256
Conc: 1.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



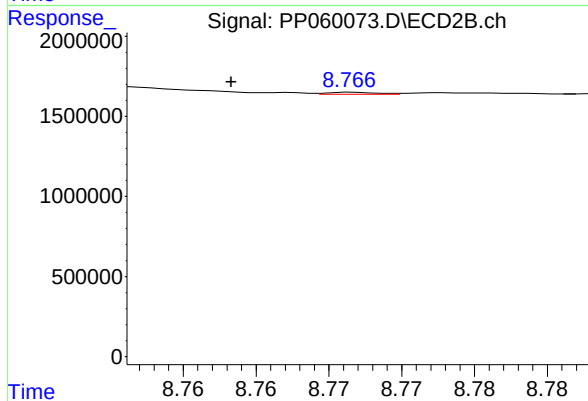
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.005 min
Response: 3536769
Conc: 2.17 ng/ml



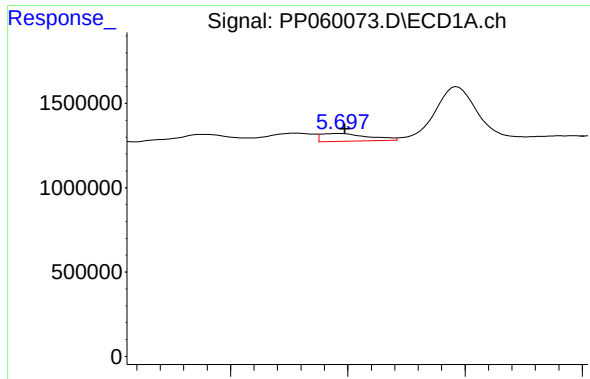
#2 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: -0.004 min
Response: 1938729
Conc: 1.27 ng/ml



#2 Decachlorobiphenyl

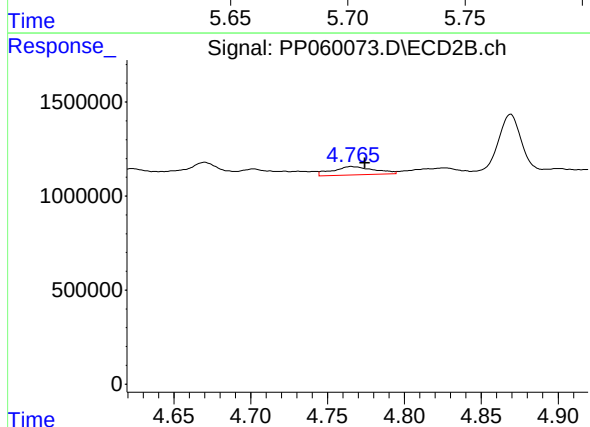
R.T.: 8.767 min
Delta R.T.: 0.008 min
Response: 30255
Conc: 0.02 ng/ml



#3 AR-1016-1

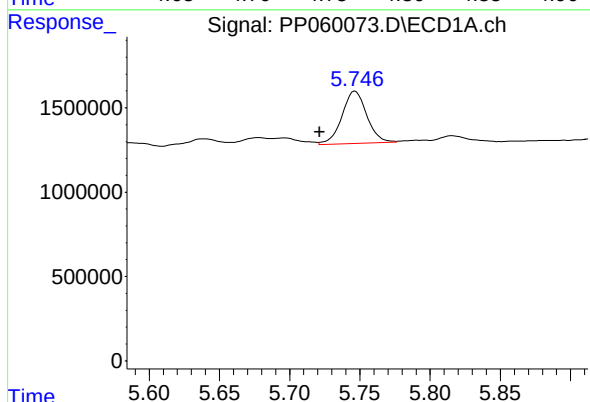
R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 658297
Conc: 9.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



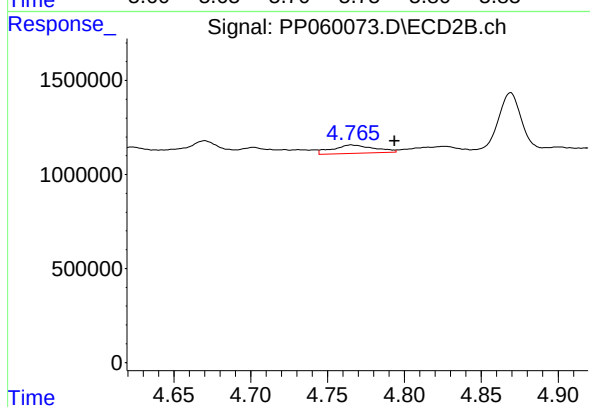
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: -0.009 min
Response: 853491
Conc: 14.20 ng/ml



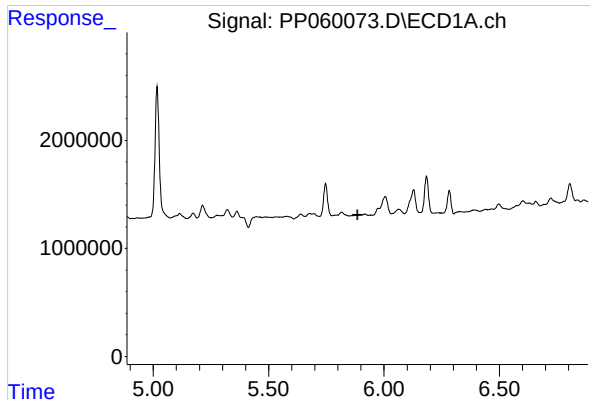
#4 AR-1016-2

R.T.: 5.747 min
Delta R.T.: 0.025 min
Response: 3826797
Conc: 40.00 ng/ml



#4 AR-1016-2

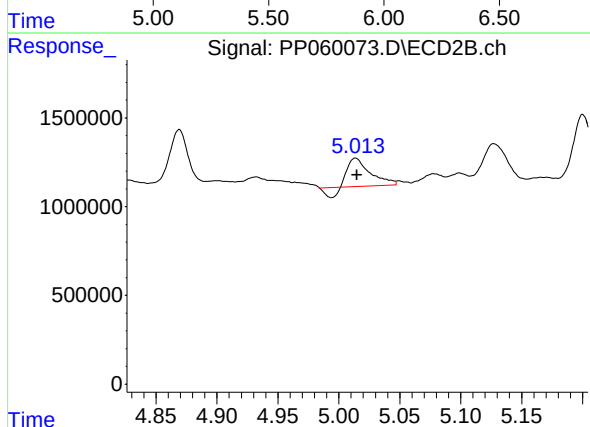
R.T.: 4.765 min
Delta R.T.: -0.028 min
Response: 853491
Conc: 10.28 ng/ml



#6 AR-1016-4

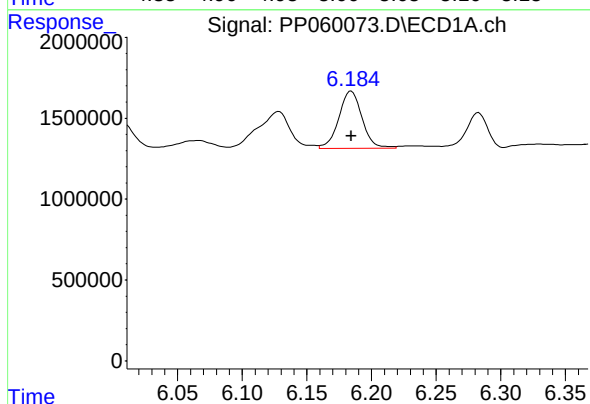
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



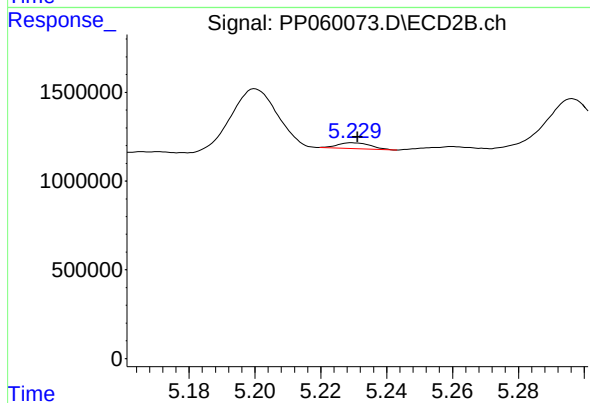
#6 AR-1016-4

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 1783192
Conc: 50.55 ng/ml



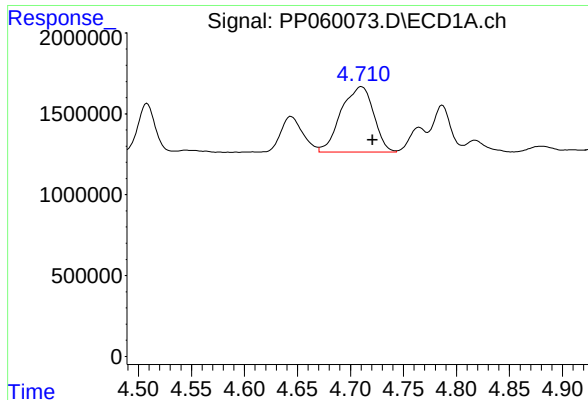
#7 AR-1016-5

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 4410003
Conc: 89.69 ng/ml



#7 AR-1016-5

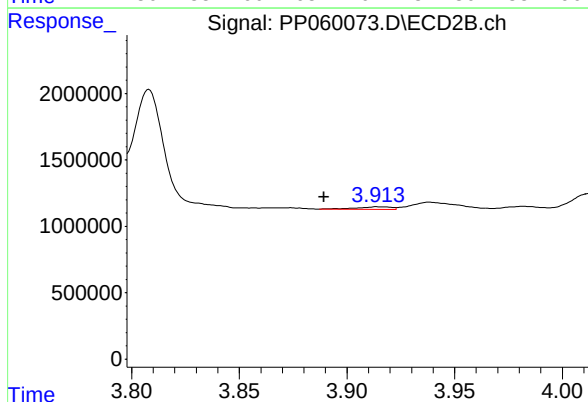
R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 229081
Conc: 4.93 ng/ml



#8 AR-1221-1

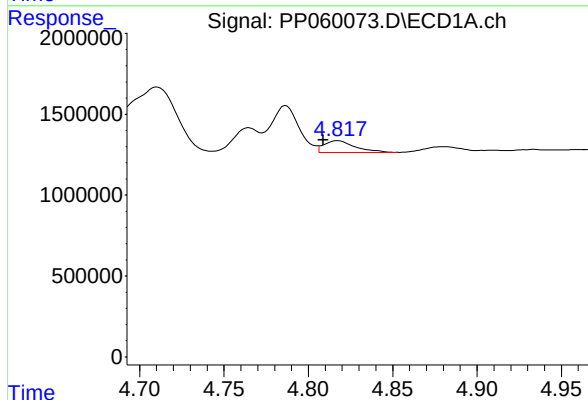
R.T.: 4.710 min
Delta R.T.: -0.011 min
Response: 8646920
Conc: 325.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



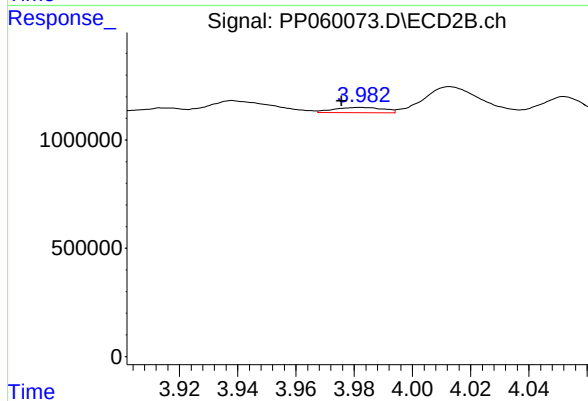
#8 AR-1221-1

R.T.: 3.914 min
Delta R.T.: 0.024 min
Response: 220411
Conc: 10.03 ng/ml



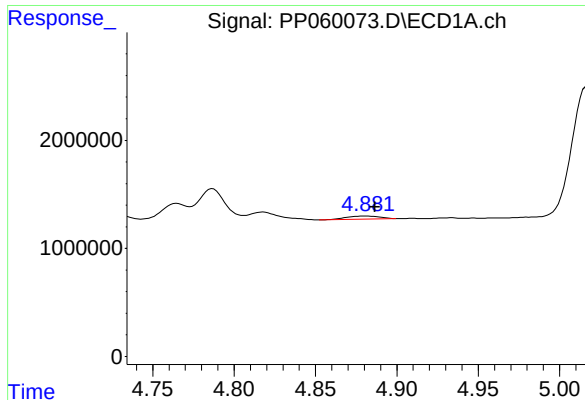
#9 AR-1221-2

R.T.: 4.818 min
Delta R.T.: 0.009 min
Response: 924556
Conc: 46.97 ng/ml



#9 AR-1221-2

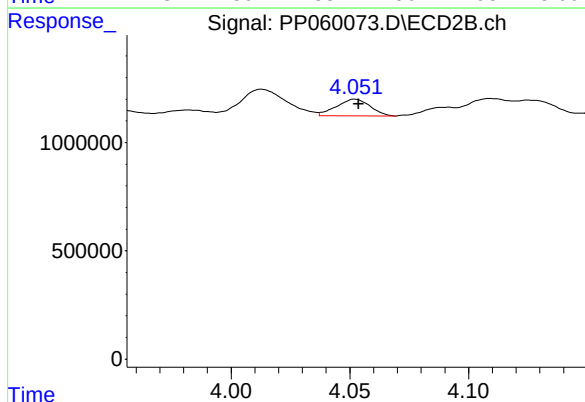
R.T.: 3.982 min
Delta R.T.: 0.007 min
Response: 296612
Conc: 19.21 ng/ml



#10 AR-1221-3

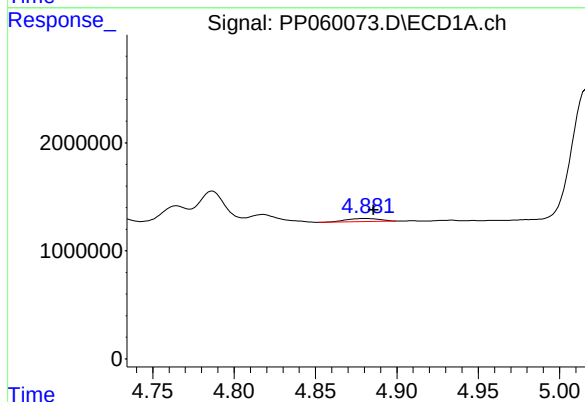
R.T.: 4.882 min
Delta R.T.: -0.005 min
Response: 392366
Conc: 6.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



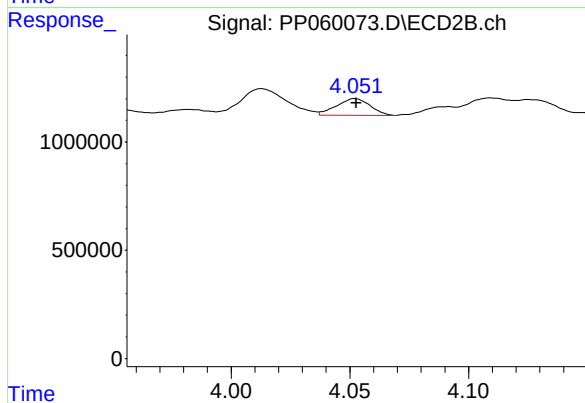
#10 AR-1221-3

R.T.: 4.052 min
Delta R.T.: -0.002 min
Response: 769383
Conc: 16.40 ng/ml



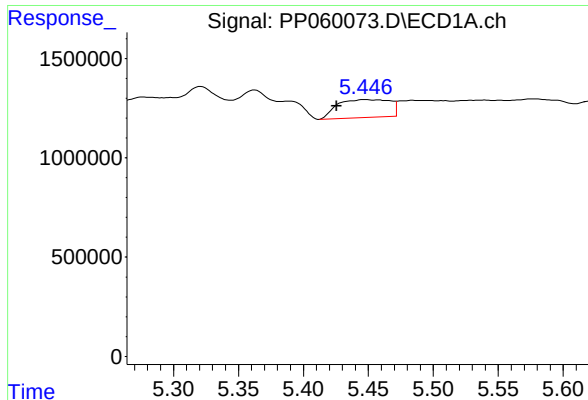
#11 AR-1232-1

R.T.: 4.882 min
Delta R.T.: -0.004 min
Response: 392366
Conc: 8.41 ng/ml



#11 AR-1232-1

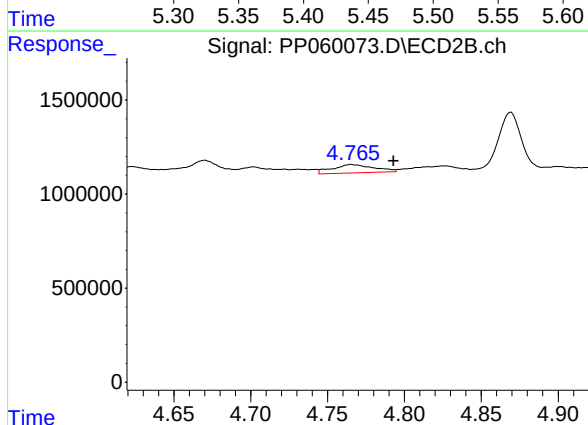
R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 769383
Conc: 20.24 ng/ml



#12 AR-1232-2

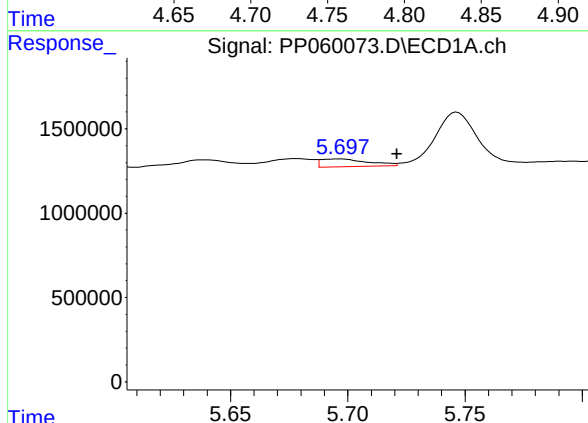
R.T.: 5.447 min
Delta R.T.: 0.021 min
Response: 2542009
Conc: 100.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



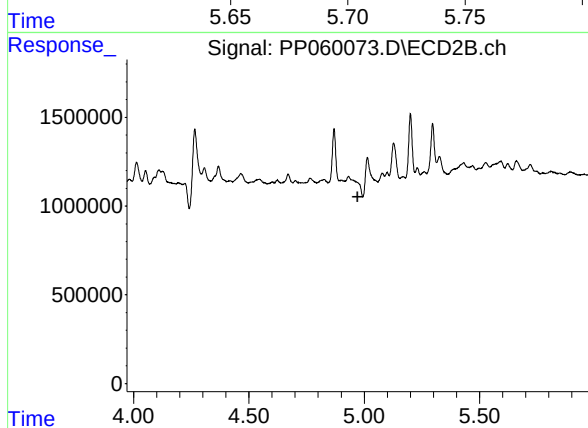
#12 AR-1232-2

R.T.: 4.765 min
Delta R.T.: -0.028 min
Response: 853491
Conc: 23.15 ng/ml



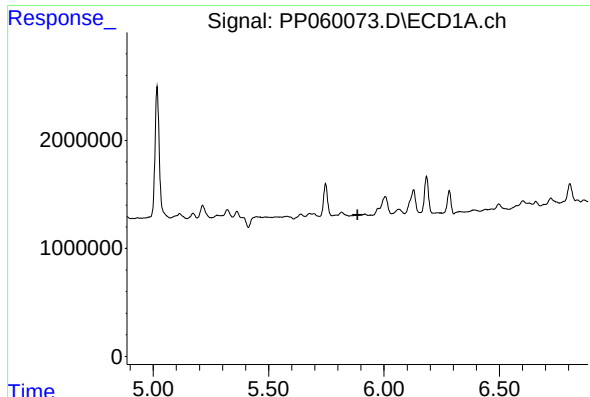
#13 AR-1232-3

R.T.: 5.696 min
Delta R.T.: -0.025 min
Response: 658297
Conc: 15.24 ng/ml



#13 AR-1232-3

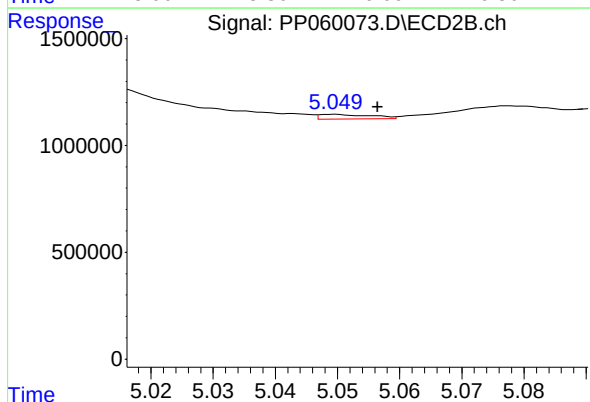
R.T.: 0.000 min
Exp R.T.: 4.971 min
Response: 0
Conc: N.D.



#14 AR-1232-4

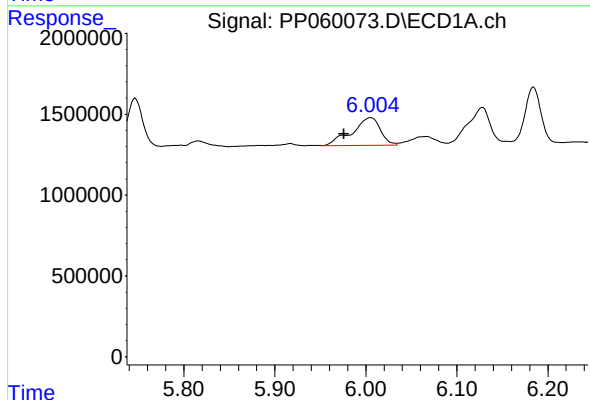
R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



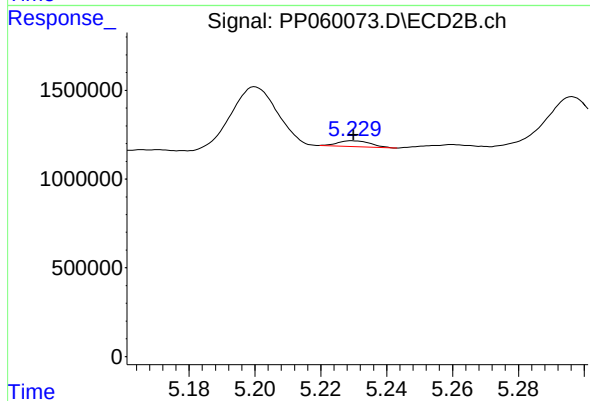
#14 AR-1232-4

R.T.: 5.049 min
Delta R.T.: -0.007 min
Response: 127804
Conc: 7.00 ng/ml



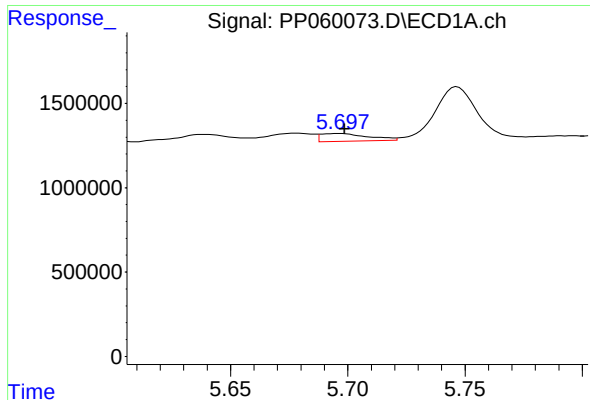
#15 AR-1232-5

R.T.: 6.005 min
Delta R.T.: 0.029 min
Response: 3719761
Conc: 202.76 ng/ml



#15 AR-1232-5

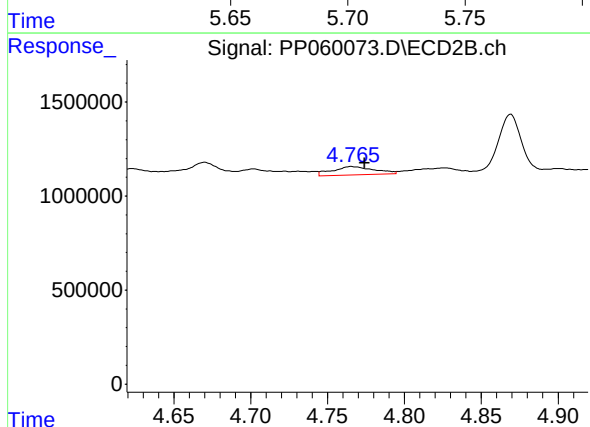
R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 229081
Conc: 11.43 ng/ml



#16 AR-1242-1

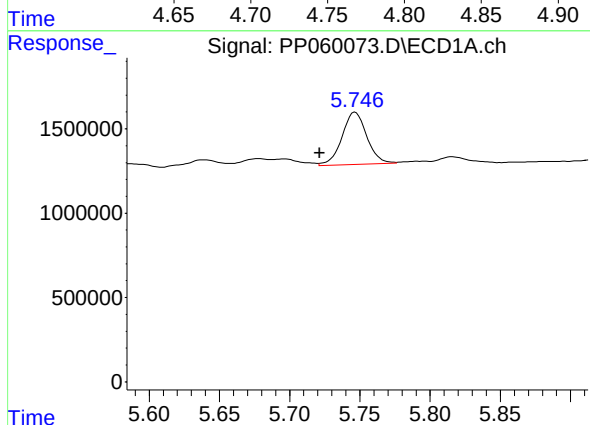
R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 658297
Conc: 11.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



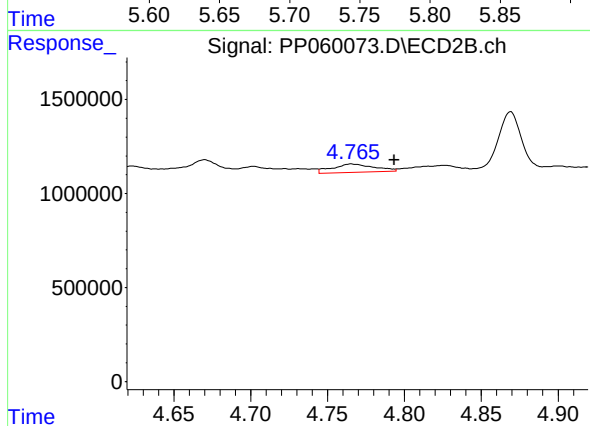
#16 AR-1242-1

R.T.: 4.765 min
Delta R.T.: -0.008 min
Response: 853491
Conc: 16.21 ng/ml



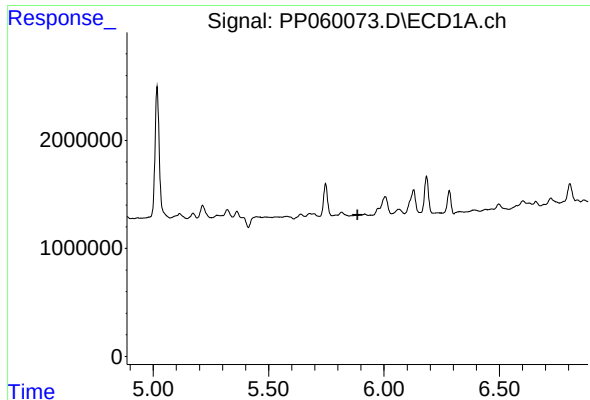
#17 AR-1242-2

R.T.: 5.747 min
Delta R.T.: 0.025 min
Response: 3826797
Conc: 45.54 ng/ml



#17 AR-1242-2

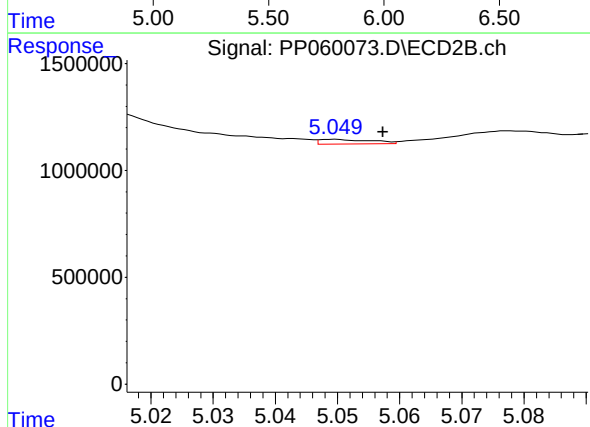
R.T.: 4.765 min
Delta R.T.: -0.028 min
Response: 853491
Conc: 11.84 ng/ml



#19 AR-1242-4

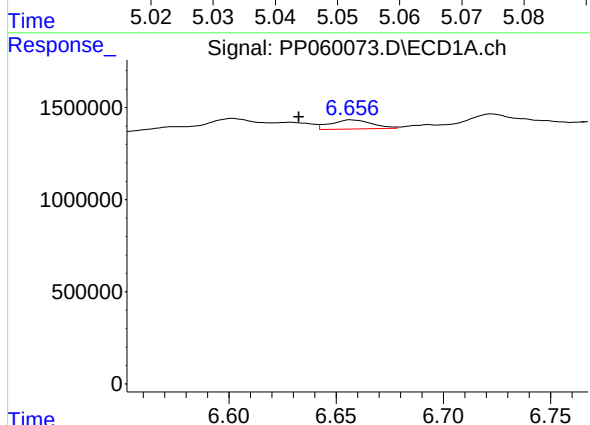
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



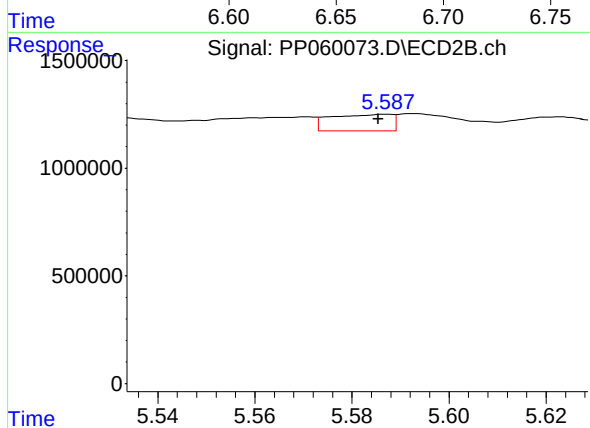
#19 AR-1242-4

R.T.: 5.049 min
Delta R.T.: -0.008 min
Response: 127804
Conc: 3.26 ng/ml



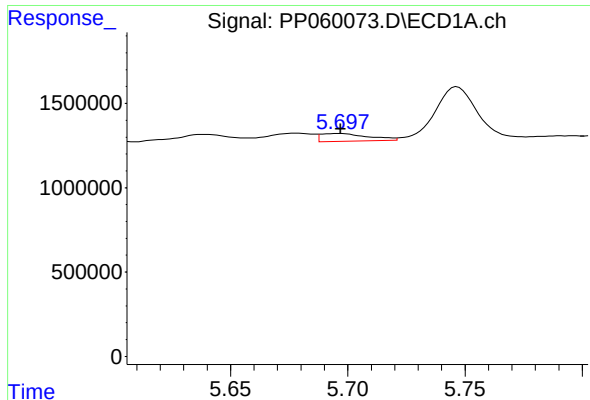
#20 AR-1242-5

R.T.: 6.658 min
Delta R.T.: 0.025 min
Response: 657358
Conc: 14.38 ng/ml



#20 AR-1242-5

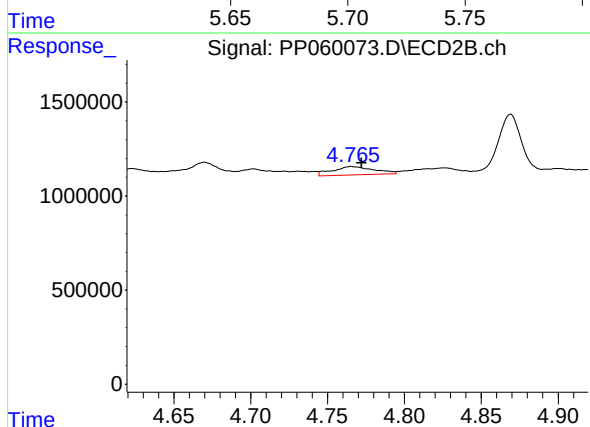
R.T.: 5.587 min
Delta R.T.: 0.002 min
Response: 675126
Conc: 13.95 ng/ml



#21 AR-1248-1

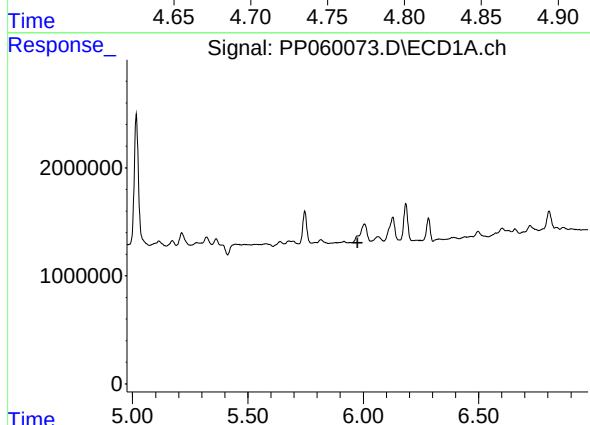
R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 658297
Conc: 14.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



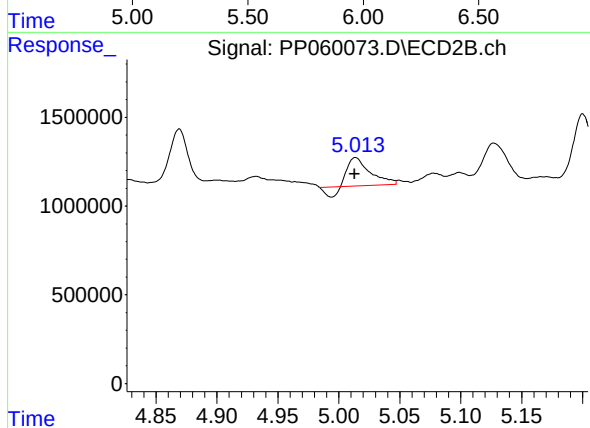
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: -0.007 min
Response: 853491
Conc: 21.84 ng/ml



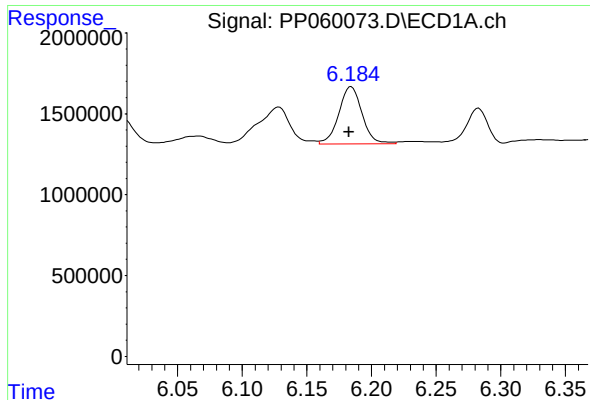
#22 AR-1248-2

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



#22 AR-1248-2

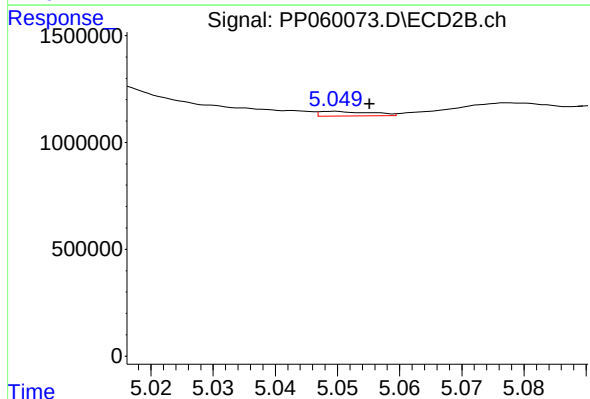
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 1783192
Conc: 32.91 ng/ml



#23 AR-1248-3

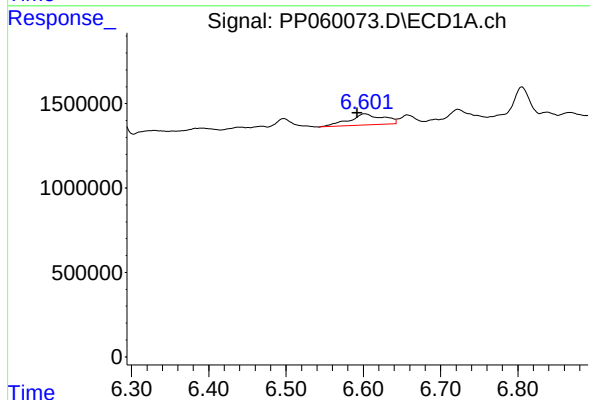
R.T.: 6.184 min
Delta R.T.: 0.002 min
Response: 4410003
Conc: 62.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



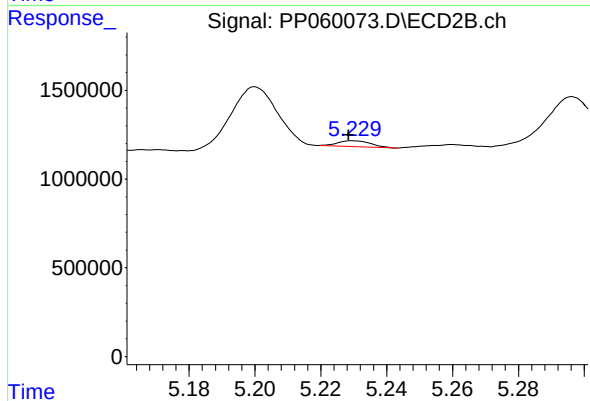
#23 AR-1248-3

R.T.: 5.049 min
Delta R.T.: -0.006 min
Response: 127804
Conc: 2.25 ng/ml



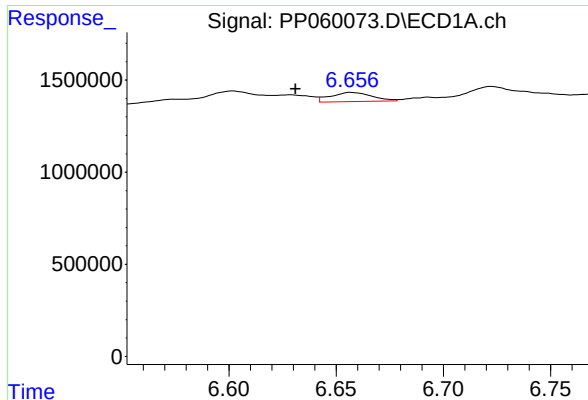
#24 AR-1248-4

R.T.: 6.602 min
Delta R.T.: 0.010 min
Response: 2005557
Conc: 25.93 ng/ml



#24 AR-1248-4

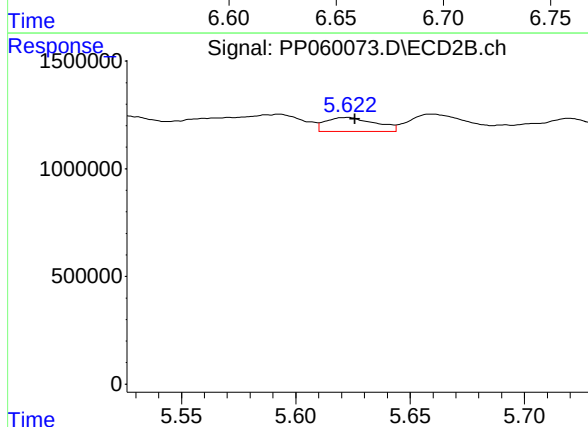
R.T.: 5.230 min
Delta R.T.: 0.001 min
Response: 229081
Conc: 3.41 ng/ml



#25 AR-1248-5

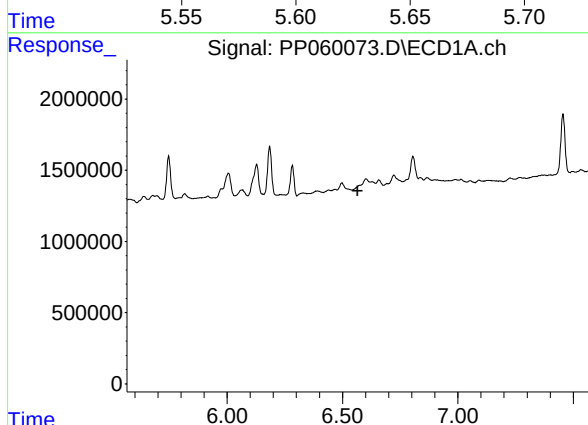
R.T.: 6.658 min
Delta R.T.: 0.027 min
Response: 657358
Conc: 8.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



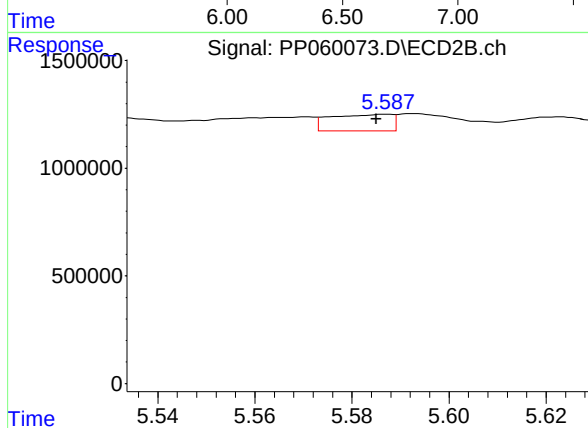
#25 AR-1248-5

R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 977813
Conc: 14.82 ng/ml



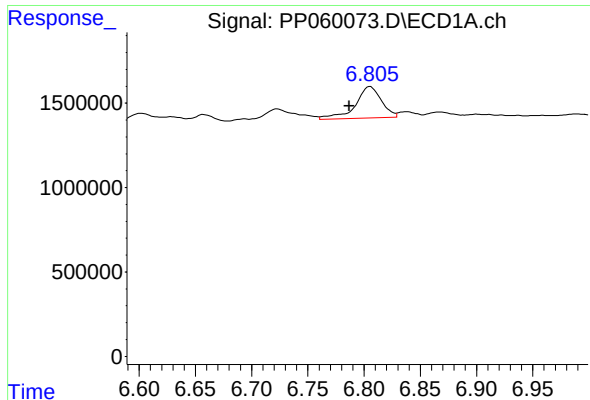
#26 AR-1254-1

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



#26 AR-1254-1

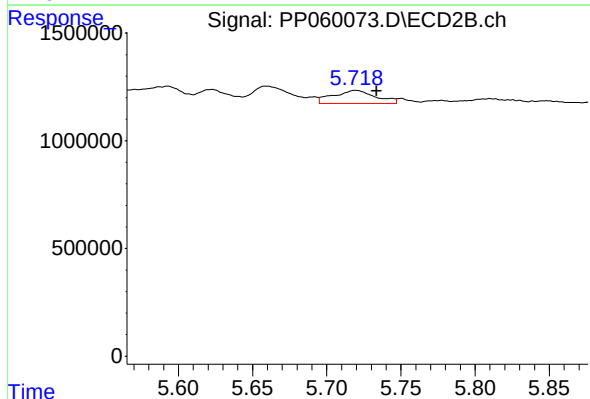
R.T.: 5.587 min
Delta R.T.: 0.002 min
Response: 675126
Conc: 6.73 ng/ml



#27 AR-1254-2

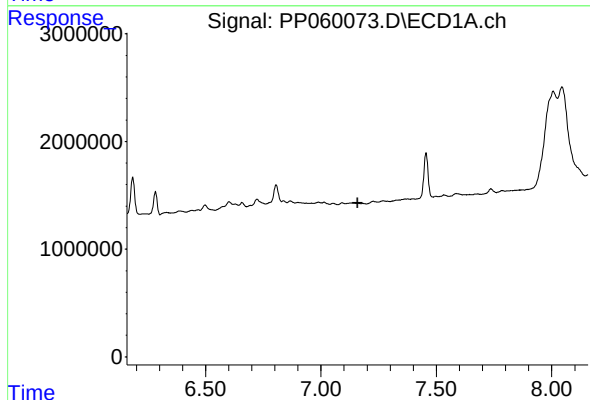
R.T.: 6.805 min
Delta R.T.: 0.019 min
Response: 2985818
Conc: 24.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



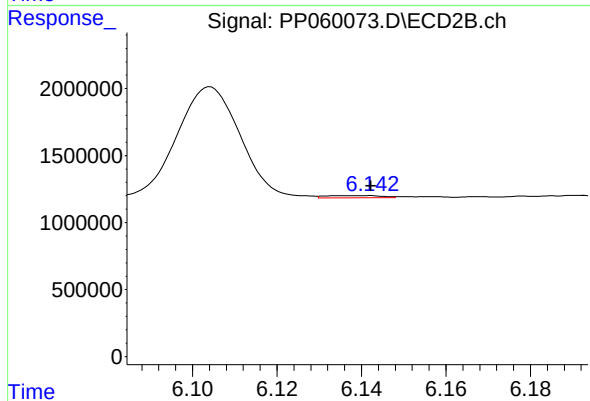
#27 AR-1254-2

R.T.: 5.719 min
Delta R.T.: -0.015 min
Response: 1208175
Conc: 13.91 ng/ml



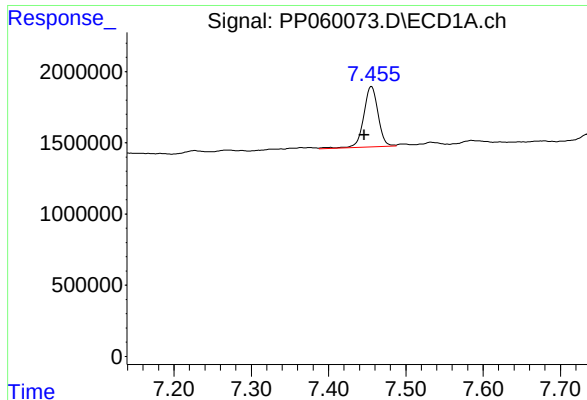
#28 AR-1254-3

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



#28 AR-1254-3

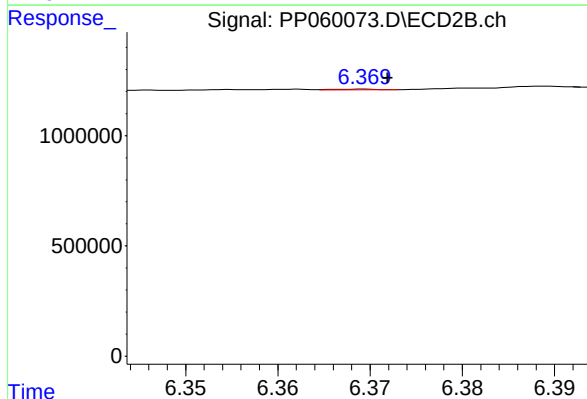
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 158611
Conc: 1.13 ng/ml



#29 AR-1254-4

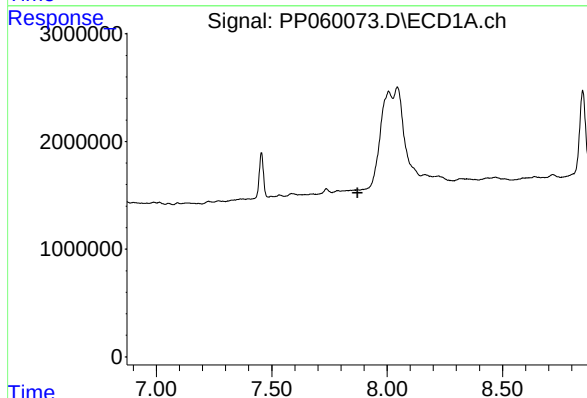
R.T.: 7.456 min
Delta R.T.: 0.009 min
Response: 5537267
Conc: 62.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



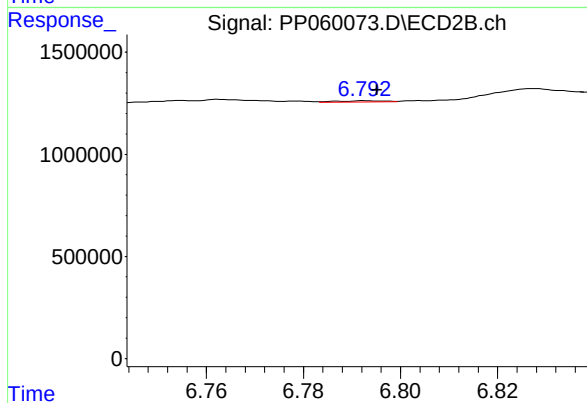
#29 AR-1254-4

R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 13185
Conc: 0.16 ng/ml



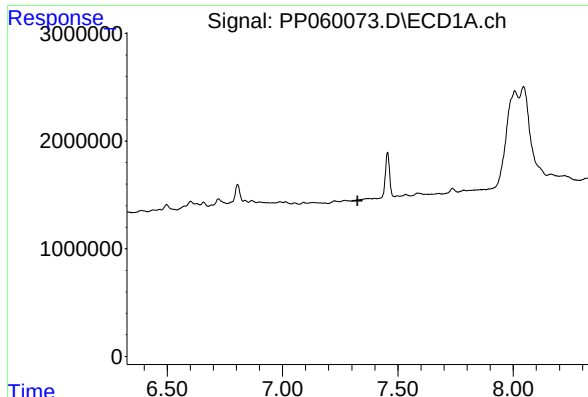
#30 AR-1254-5

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



#30 AR-1254-5

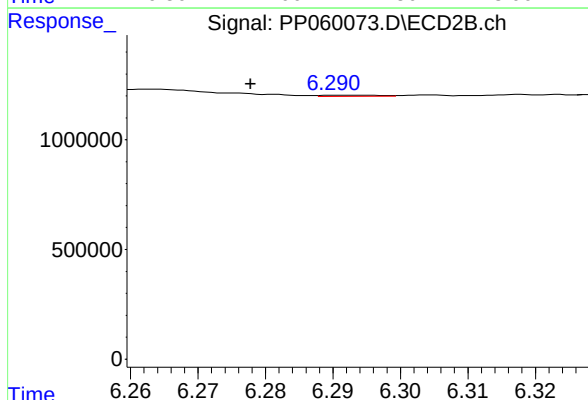
R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 41031
Conc: 0.35 ng/ml



#31 AR-1260-1

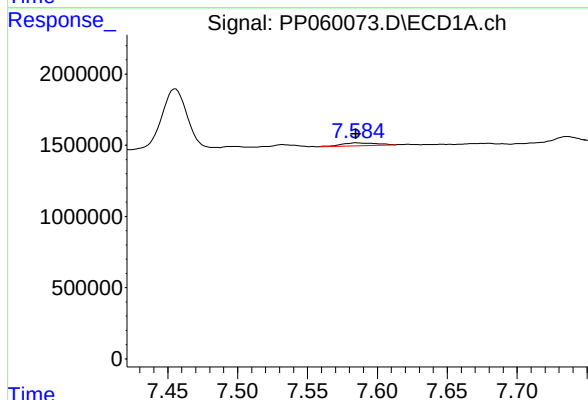
R.T.: 0.000 min
Exp R.T.: 7.326 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



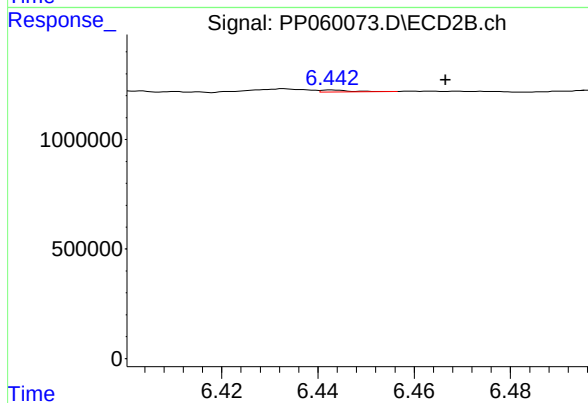
#31 AR-1260-1

R.T.: 6.290 min
Delta R.T.: 0.013 min
Response: 27432
Conc: 0.29 ng/ml



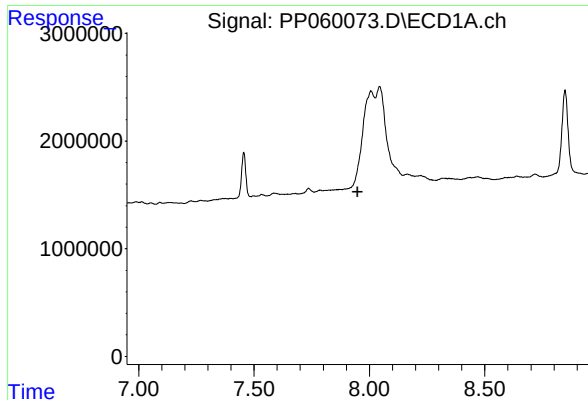
#32 AR-1260-2

R.T.: 7.586 min
Delta R.T.: 0.001 min
Response: 332361
Conc: 3.24 ng/ml



#32 AR-1260-2

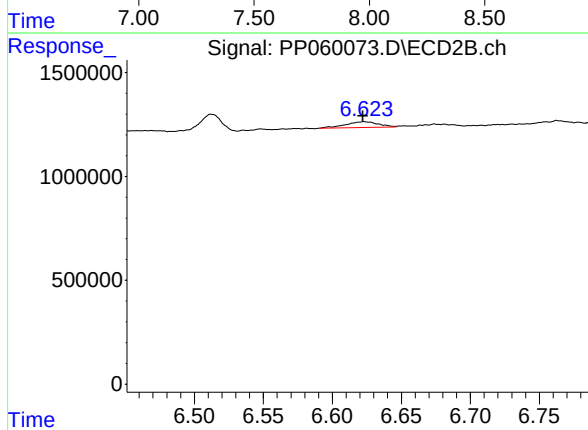
R.T.: 6.443 min
Delta R.T.: -0.024 min
Response: 33934
Conc: 0.31 ng/ml



#33 AR-1260-3

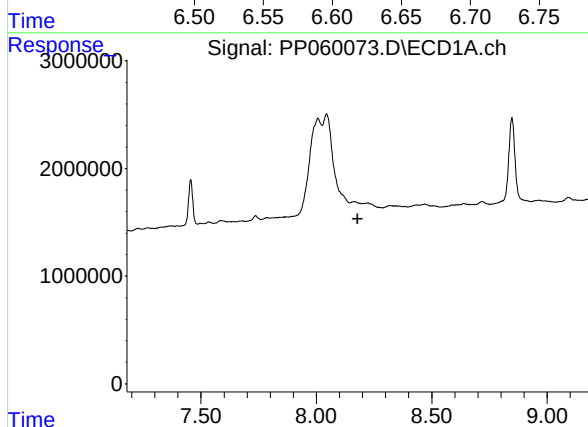
R.T.: 0.000 min
Exp R.T.: 7.948 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



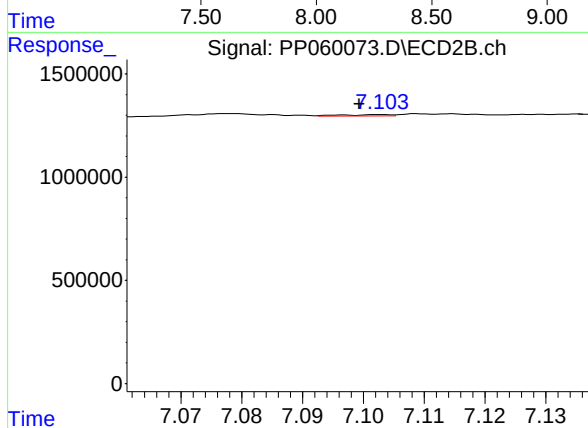
#33 AR-1260-3

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 469169
Conc: 4.56 ng/ml



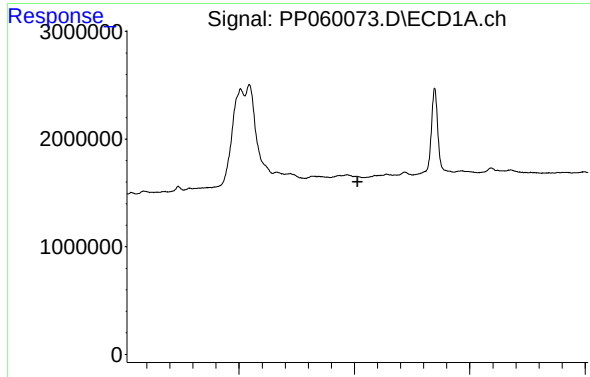
#34 AR-1260-4

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



#34 AR-1260-4

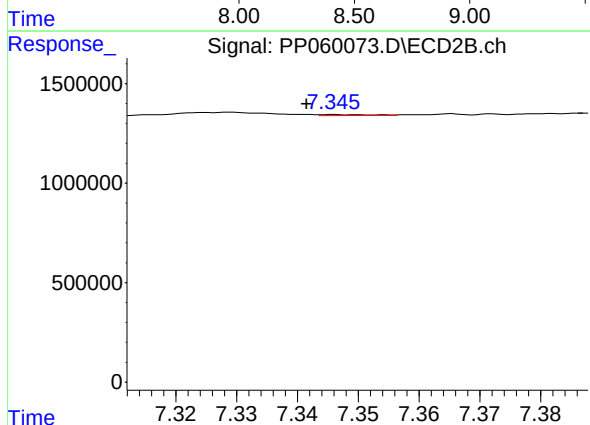
R.T.: 7.103 min
Delta R.T.: 0.003 min
Response: 38778
Conc: 0.47 ng/ml



#35 AR-1260-5

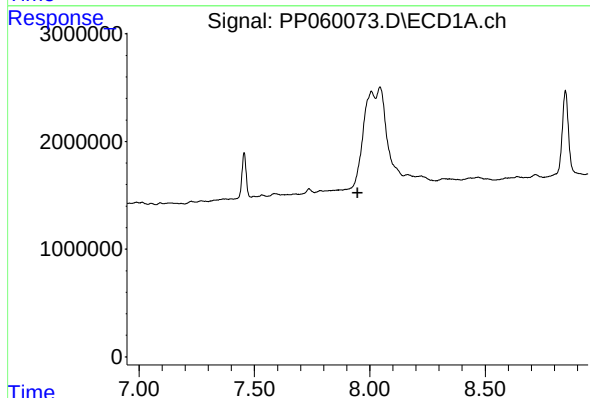
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



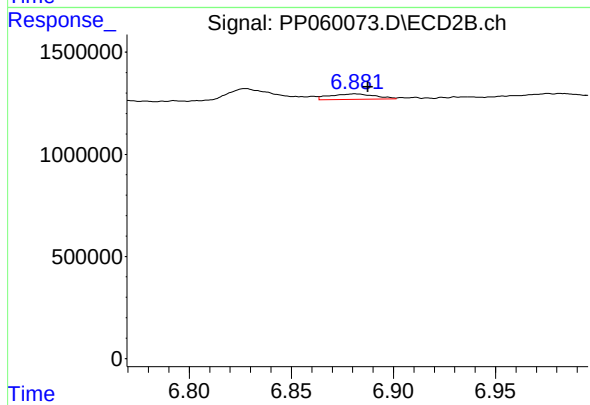
#35 AR-1260-5

R.T.: 7.346 min
Delta R.T.: 0.004 min
Response: 30814
Conc: 0.16 ng/ml



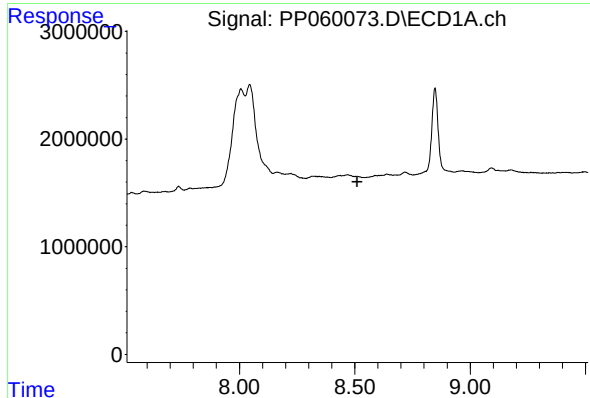
#36 AR-1262-1

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



#36 AR-1262-1

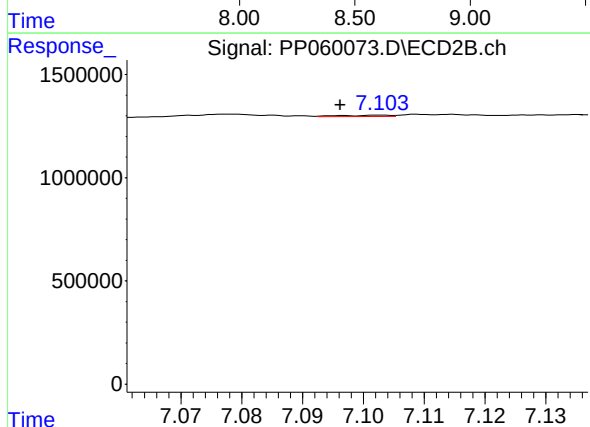
R.T.: 6.881 min
Delta R.T.: -0.006 min
Response: 425748
Conc: 8.44 ng/ml



#37 AR-1262-2

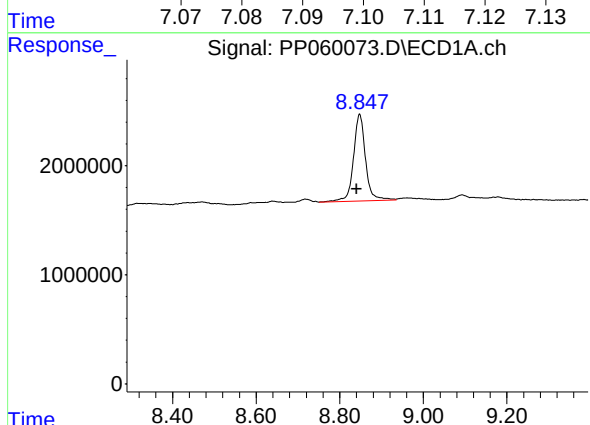
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



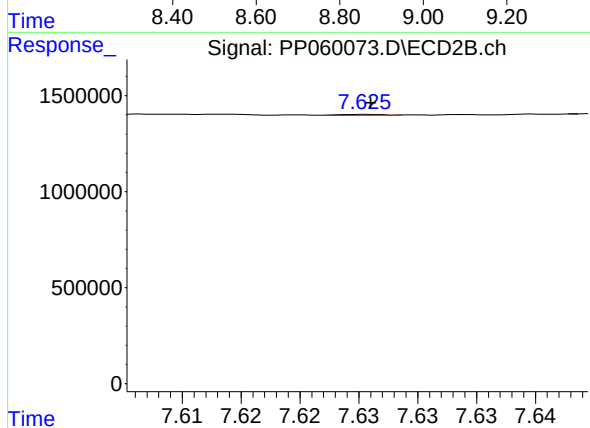
#37 AR-1262-2

R.T.: 7.103 min
Delta R.T.: 0.007 min
Response: 38778
Conc: 0.34 ng/ml



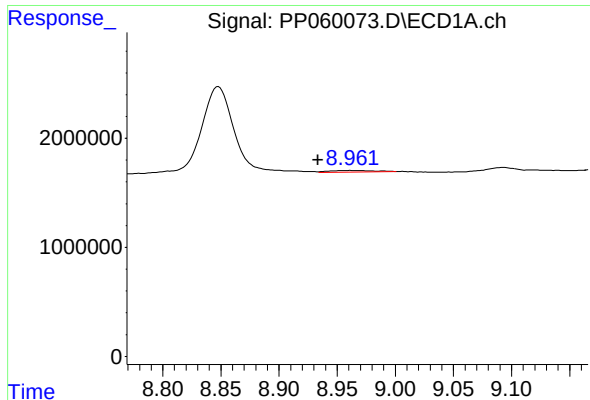
#38 AR-1262-3

R.T.: 8.848 min
Delta R.T.: 0.007 min
Response: 15824827
Conc: 109.89 ng/ml



#38 AR-1262-3

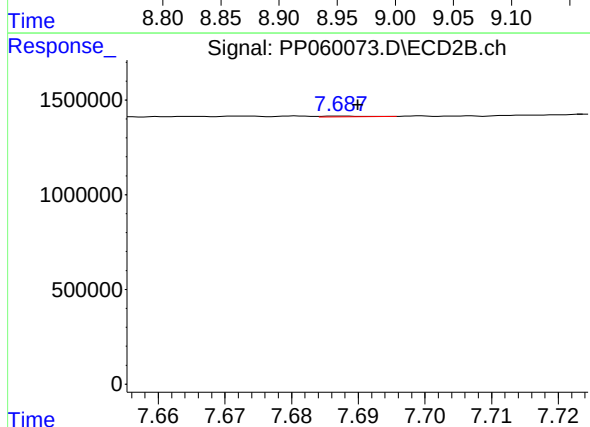
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 12692
Conc: 0.14 ng/ml



#39 AR-1262-4

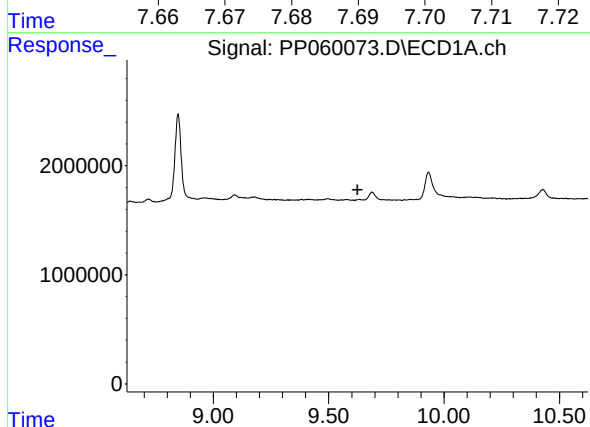
R.T.: 8.963 min
Delta R.T.: 0.029 min
Response: 373481
Conc: 3.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



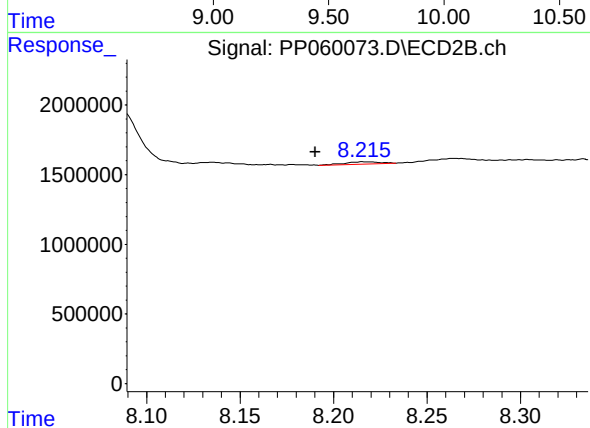
#39 AR-1262-4

R.T.: 7.688 min
Delta R.T.: -0.002 min
Response: 20207
Conc: 0.12 ng/ml



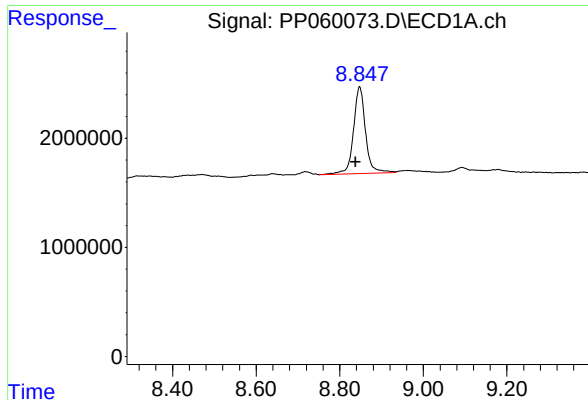
#40 AR-1262-5

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



#40 AR-1262-5

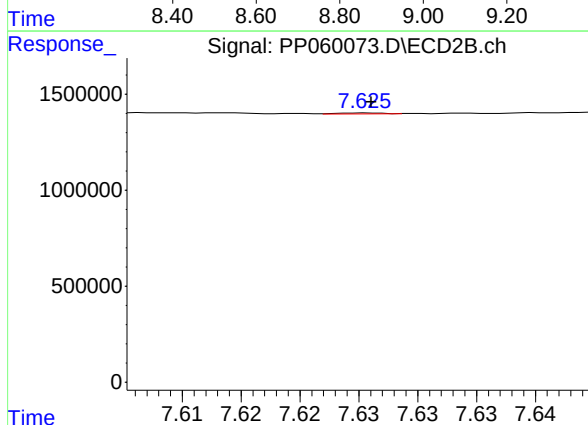
R.T.: 8.215 min
Delta R.T.: 0.025 min
Response: 211250
Conc: 2.83 ng/ml



#41 AR-1268-1

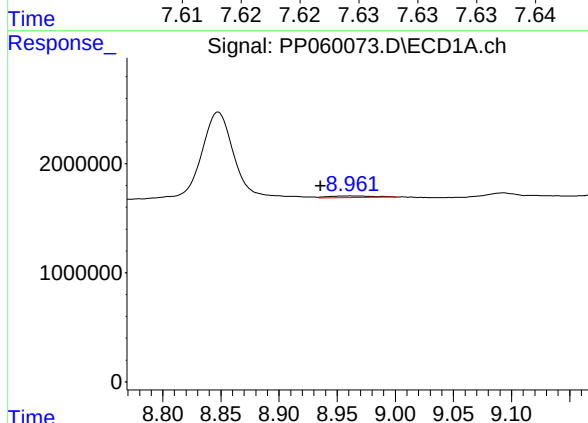
R.T.: 8.848 min
Delta R.T.: 0.010 min
Response: 15824827
Conc: 63.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



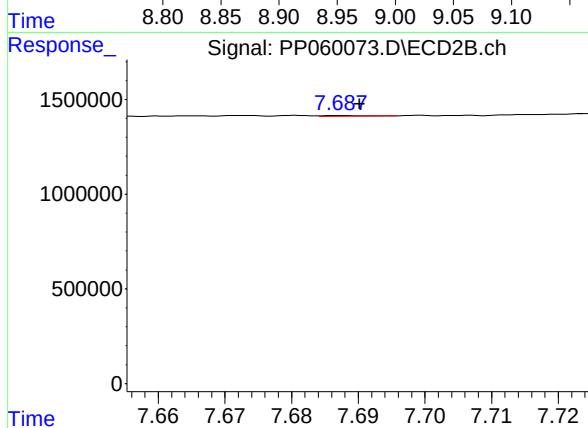
#41 AR-1268-1

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 12692
Conc: 0.05 ng/ml



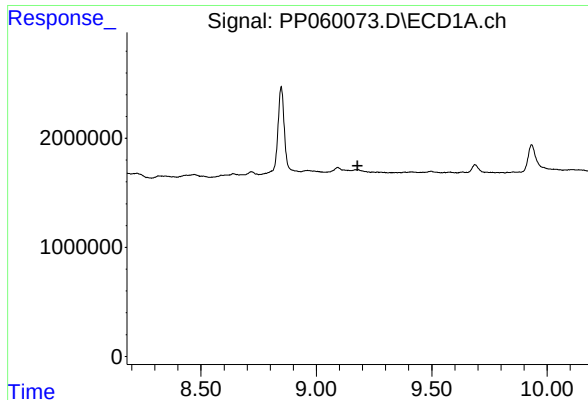
#42 AR-1268-2

R.T.: 8.963 min
Delta R.T.: 0.027 min
Response: 373481
Conc: 1.63 ng/ml



#42 AR-1268-2

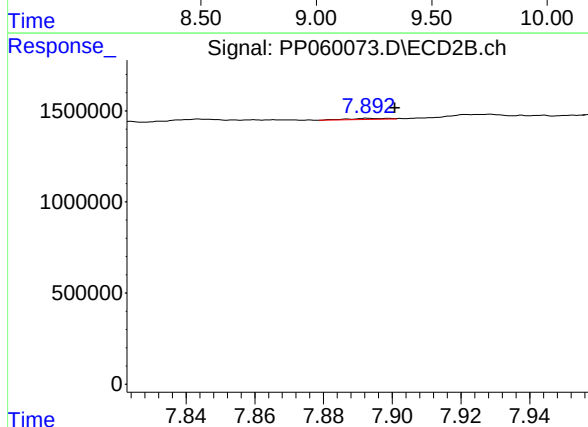
R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 20207
Conc: 0.09 ng/ml



#43 AR-1268-3

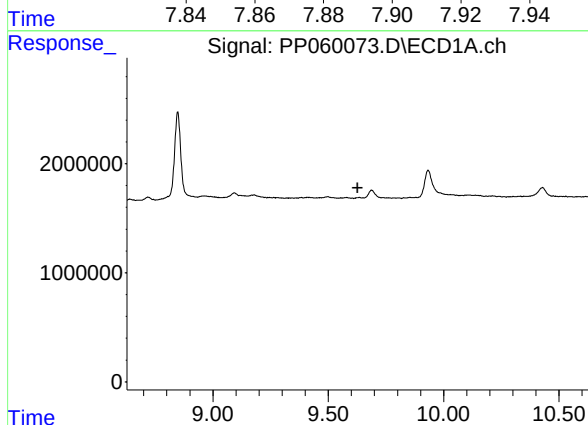
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



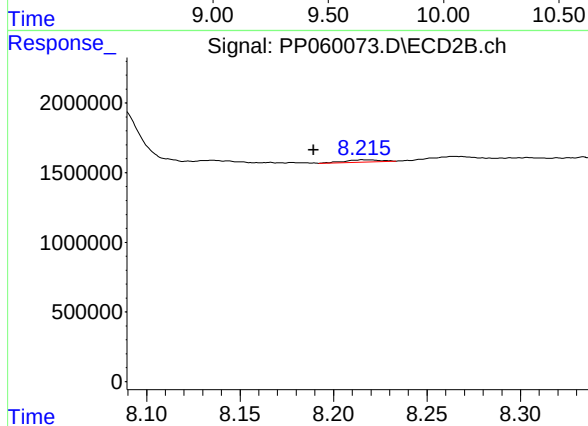
#43 AR-1268-3

R.T.: 7.893 min
Delta R.T.: -0.008 min
Response: 46530
Conc: 0.23 ng/ml



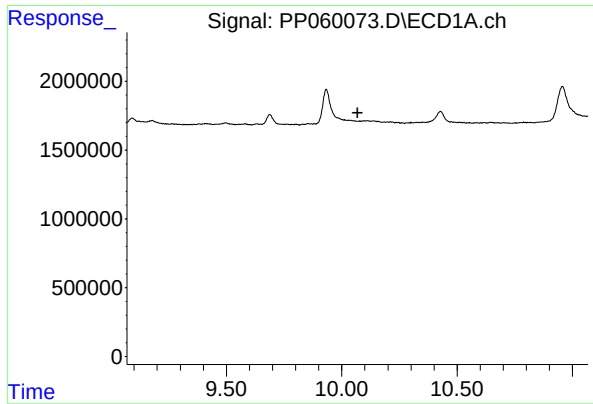
#44 AR-1268-4

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



#44 AR-1268-4

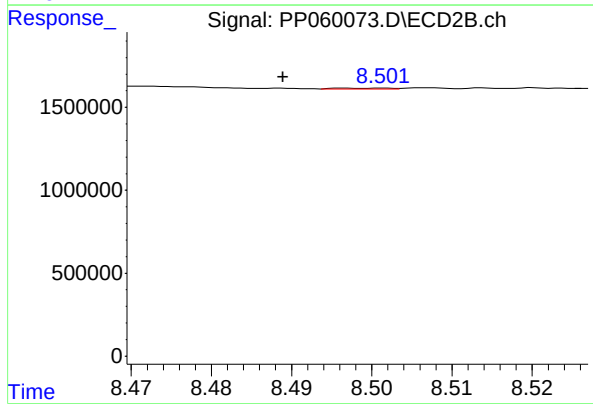
R.T.: 8.215 min
Delta R.T.: 0.026 min
Response: 211250
Conc: 2.62 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.501 min
Delta R.T.: 0.012 min
Response: 26091
Conc: 0.04 ng/ml