

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032825\
 Data File : PP070957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 10:06
 Operator : YP\AJ
 Sample : Q1648-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 11:00:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Mar 28 03:13:46 2025
 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...	4.513	3.816	28013165	21329525	19.166	20.576
2)	SA Decachlor...	10.227	8.858	17286062	12048957	16.422	15.287
Target Compounds							
3)	L1 AR-1016-1	5.692	4.912	3559240	17086	69.993	0.426 #
4)	L1 AR-1016-2	5.692	4.912	3559240	17086	45.600	0.295 #
5)	L1 AR-1016-3	5.748	5.102	1531423	199975	32.463	6.467 #
6)	L1 AR-1016-4	5.849	5.146	1004330	520367	27.324	21.365
7)	L1 AR-1016-5	6.078f	5.347	2114121	302280	62.341	9.352 #
8)	L2 AR-1221-1	4.715	4.037	9500081	101736	547.440	6.674 #
9)	L2 AR-1221-2	4.812	4.101	971915	4995382	75.034	436.801 #
10)	L2 AR-1221-3	4.843	4.182	308638	133298	7.398	3.910 #
11)	L3 AR-1232-1	4.843f	4.182	308638	133298	9.272	4.763 #
12)	L3 AR-1232-2	5.368f	4.912	12135492	17086	762.743	0.609 #
13)	L3 AR-1232-3	5.692	5.102	3559240	199975	103.858	13.431 #
14)	L3 AR-1232-4	5.849	5.209	1004330	593796	63.939	46.375 #
15)	L3 AR-1232-5	5.940	5.347	998563	302280	93.847	21.325 #
16)	L4 AR-1242-1	5.692	4.912	3559240	17086	80.934	0.500 #
17)	L4 AR-1242-2	5.692	4.912	3559240	17086	55.340	0.347 #
18)	L4 AR-1242-3	5.748	5.102	1531423	199975	37.316	7.505 #
19)	L4 AR-1242-4	5.849	5.209	1004330	593796	32.904	22.511 #
20)	L4 AR-1242-5	6.604	5.717	12082072	2309667	330.921	74.606 #
21)	L5 AR-1248-1	5.692	4.912	3559240	17086	98.084	0.631 #
22)	L5 AR-1248-2	5.940	5.146	998563	520367	22.221	14.170 #
23)	L5 AR-1248-3	6.078f	5.209	2114121	593796	41.750	15.360 #
24)	L5 AR-1248-4	6.511	5.347	4906666	302280	76.490	6.696 #
25)	L5 AR-1248-5	6.604	5.763	12082072	1098976	198.567	25.750 #
26)	L6 AR-1254-1	6.511	5.717	4906666	2309667	76.202	34.986 #
27)	L6 AR-1254-2	6.721	5.855	11146141	1306729	110.259	22.886 #
28)	L6 AR-1254-3	7.100	6.258	10375539	3699150	104.039	42.597 #
29)	L6 AR-1254-4	7.378	6.489	4919730	2889789	56.812	51.511
30)	L6 AR-1254-5	7.809	6.903	6036886	3045705	75.131	42.213 #
31)	L7 AR-1260-1	7.256	6.395	9692238	2614948	144.331	51.067 #
32)	L7 AR-1260-2	7.498	6.578	9361116	1437429	97.373	22.532 #
33)	L7 AR-1260-3	7.809f	6.734	6036886	143963	75.538	2.642 #
34)	L7 AR-1260-4	8.074	7.208	4460525	506246	56.651	10.585 #
35)	L7 AR-1260-5	0.000	7.445	0	715080	N.D.	5.743 #
36)	L8 AR-1262-1	8.074	6.936	4460525	117755	41.962	1.376 #
37)	L8 AR-1262-2	0.000	7.208	0	506246	N.D.	7.394 #
38)	L8 AR-1262-3	0.000	7.729	0	1237374	N.D.	20.377 #
39)	L8 AR-1262-4	0.000	7.806	0	826856	N.D.	8.318 #
40)	L8 AR-1262-5	0.000	8.299	0	419135	N.D.	8.942 #
41)	L9 AR-1268-1	0.000	7.729	0	1237374	N.D.	7.219 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032825\
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Acq On : 28 Mar 2025 10:06
Operator : YP\AJ
Sample : Q1648-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

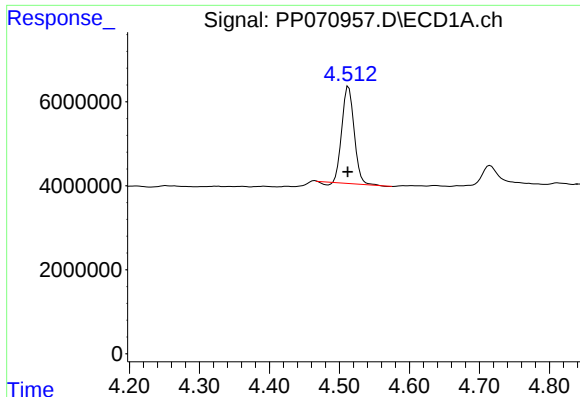
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 11:00:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP032725.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 28 03:13:46 2025
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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	0.000	7.806	0	826856	N.D.	5.771 #
43)	L9 AR-1268-3	0.000	7.994	0	79618	N.D.	0.647 #
44)	L9 AR-1268-4	0.000	8.299	0	419135	N.D.	7.936 #
45)	L9 AR-1268-5	9.885	8.598	6040719	424894	12.686	1.174 #

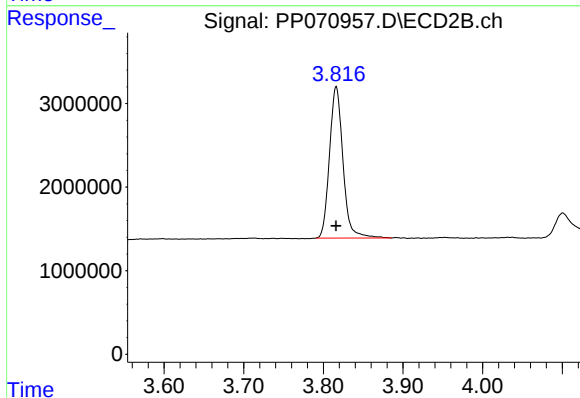
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

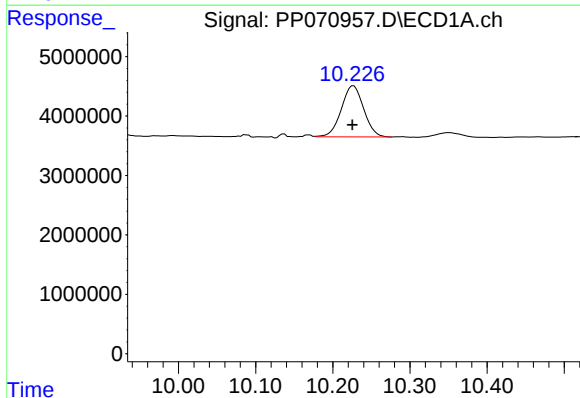
R.T.: 4.513 min
Delta R.T.: 0.001 min
Response: 28013165
Conc: 19.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



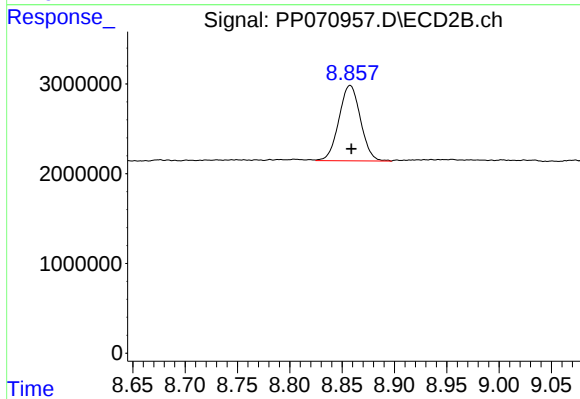
#1 Tetrachloro-m-xylene

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 21329525
Conc: 20.58 ng/ml



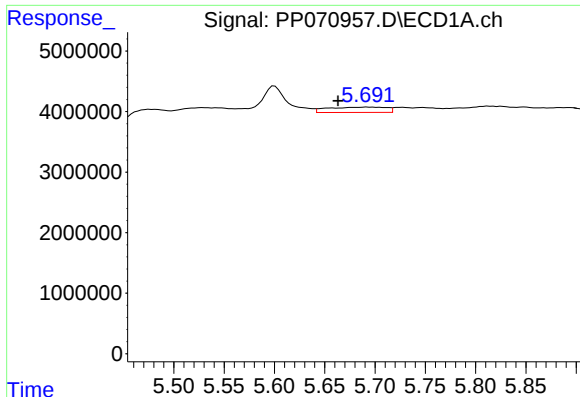
#2 Decachlorobiphenyl

R.T.: 10.227 min
Delta R.T.: 0.002 min
Response: 17286062
Conc: 16.42 ng/ml



#2 Decachlorobiphenyl

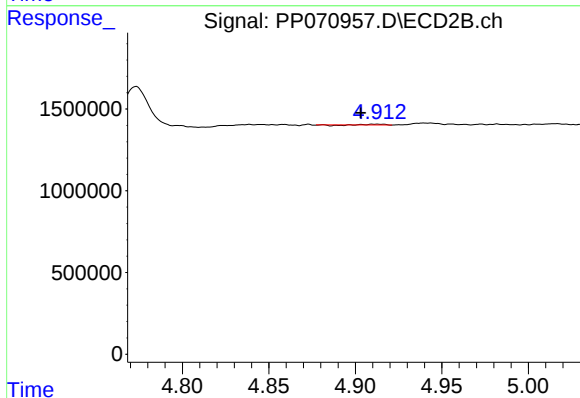
R.T.: 8.858 min
Delta R.T.: -0.001 min
Response: 12048957
Conc: 15.29 ng/ml



#3 AR-1016-1

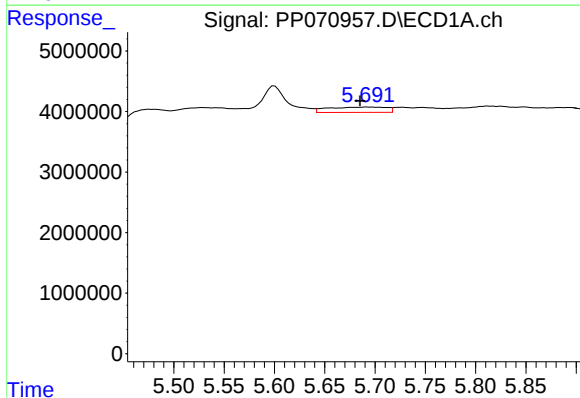
R.T.: 5.692 min
Delta R.T.: 0.028 min
Response: 3559240
Conc: 69.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



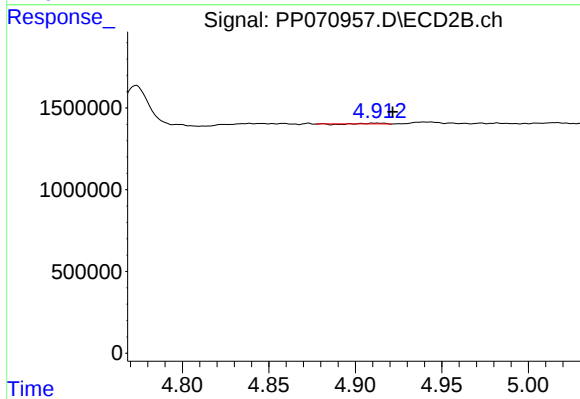
#3 AR-1016-1

R.T.: 4.912 min
Delta R.T.: 0.009 min
Response: 17086
Conc: 0.43 ng/ml



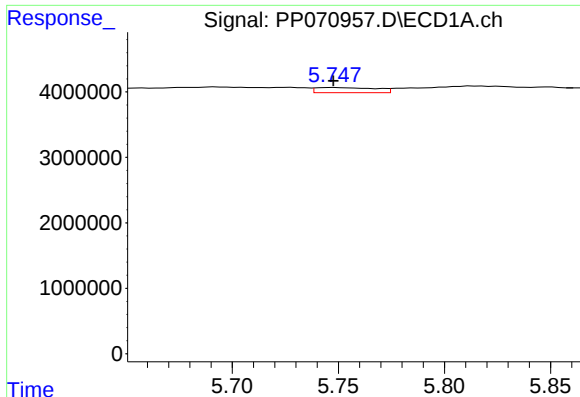
#4 AR-1016-2

R.T.: 5.692 min
Delta R.T.: 0.007 min
Response: 3559240
Conc: 45.60 ng/ml



#4 AR-1016-2

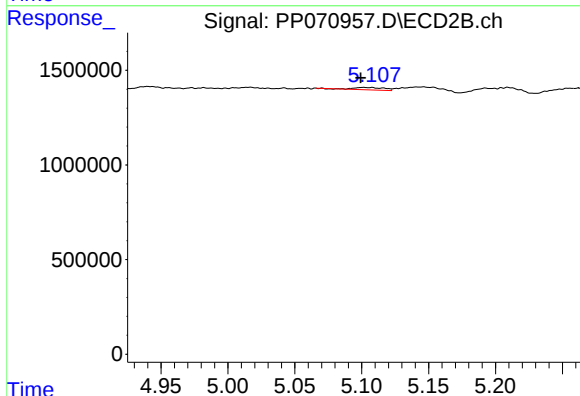
R.T.: 4.912 min
Delta R.T.: -0.010 min
Response: 17086
Conc: 0.30 ng/ml



#5 AR-1016-3

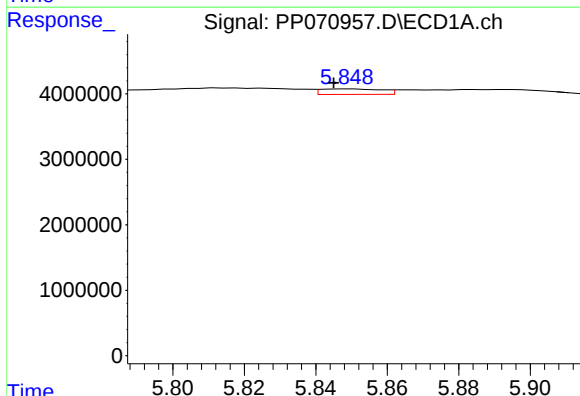
R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 1531423
Conc: 32.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



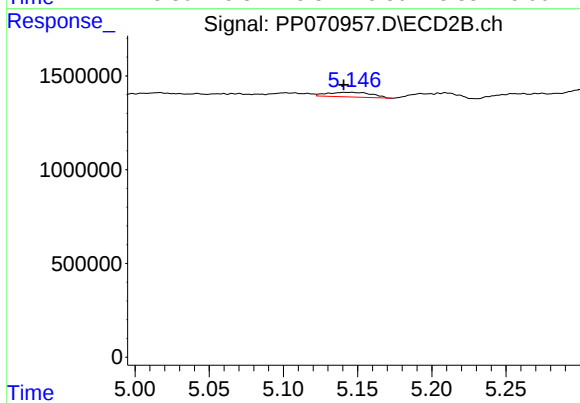
#5 AR-1016-3

R.T.: 5.102 min
Delta R.T.: 0.002 min
Response: 199975
Conc: 6.47 ng/ml



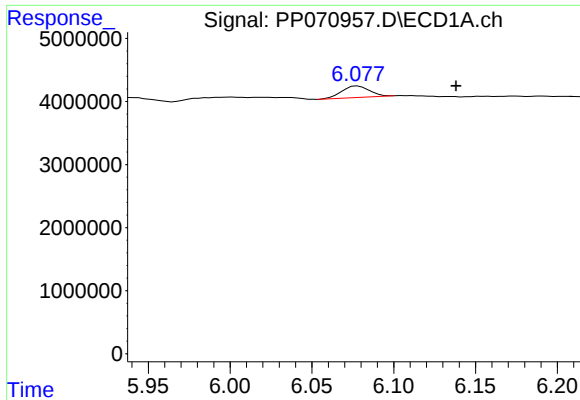
#6 AR-1016-4

R.T.: 5.849 min
Delta R.T.: 0.004 min
Response: 1004330
Conc: 27.32 ng/ml



#6 AR-1016-4

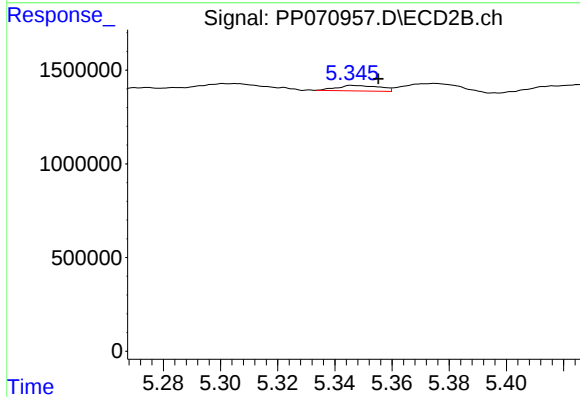
R.T.: 5.146 min
Delta R.T.: 0.005 min
Response: 520367
Conc: 21.37 ng/ml



#7 AR-1016-5

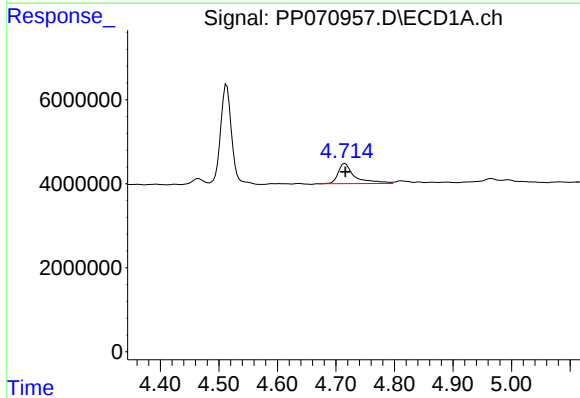
R.T.: 6.078 min
Delta R.T.: -0.060 min
Response: 2114121
Conc: 62.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



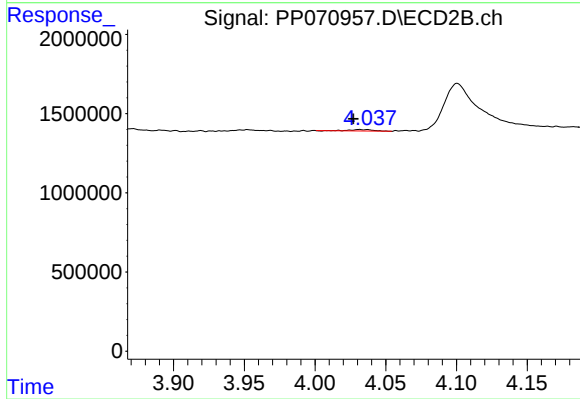
#7 AR-1016-5

R.T.: 5.347 min
Delta R.T.: -0.009 min
Response: 302280
Conc: 9.35 ng/ml



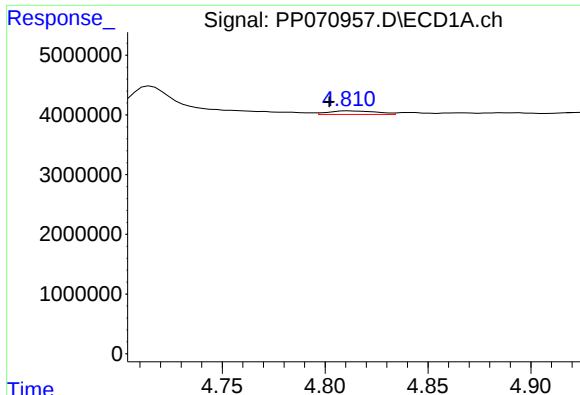
#8 AR-1221-1

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 9500081
Conc: 547.44 ng/ml



#8 AR-1221-1

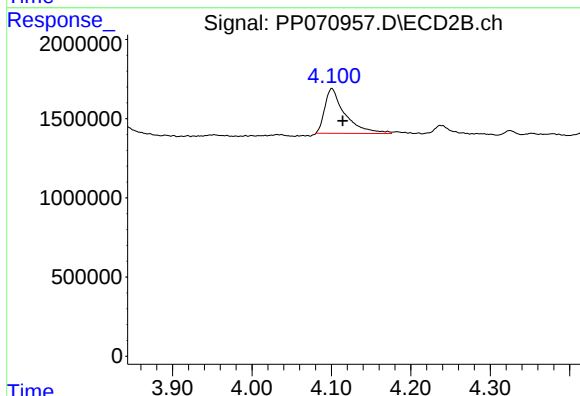
R.T.: 4.037 min
Delta R.T.: 0.010 min
Response: 101736
Conc: 6.67 ng/ml



#9 AR-1221-2

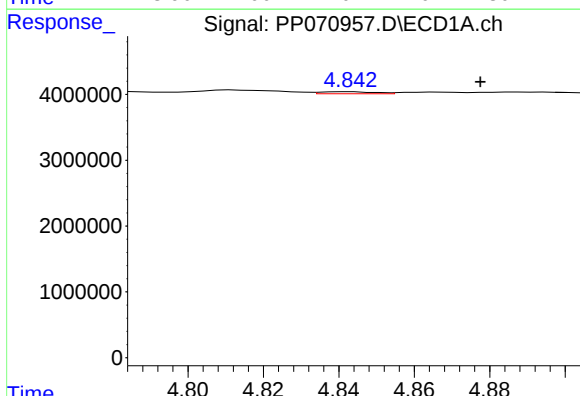
R.T.: 4.812 min
Delta R.T.: 0.010 min
Response: 971915
Conc: 75.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



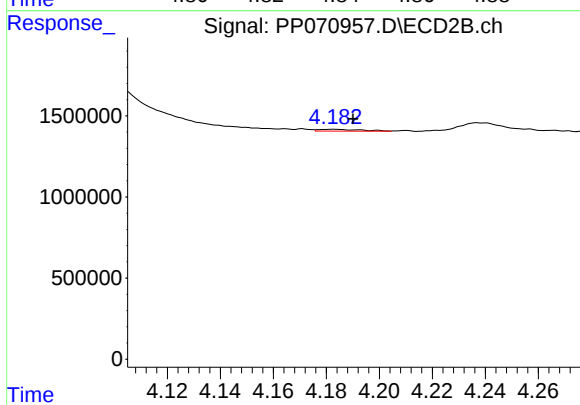
#9 AR-1221-2

R.T.: 4.101 min
Delta R.T.: -0.013 min
Response: 4995382
Conc: 436.80 ng/ml



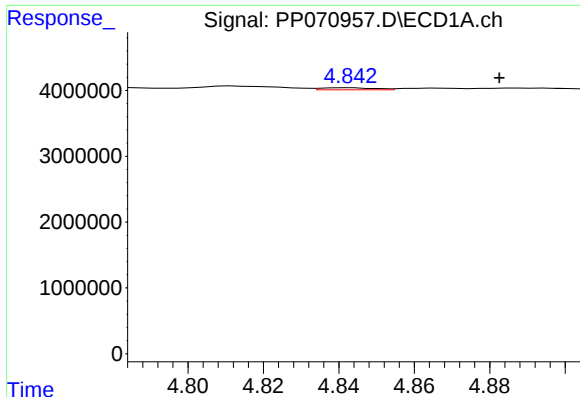
#10 AR-1221-3

R.T.: 4.843 min
Delta R.T.: -0.035 min
Response: 308638
Conc: 7.40 ng/ml



#10 AR-1221-3

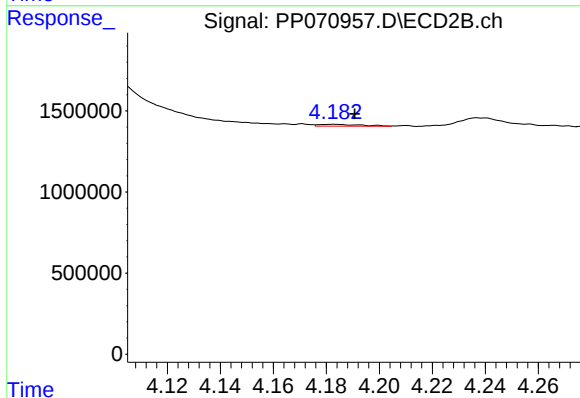
R.T.: 4.182 min
Delta R.T.: -0.008 min
Response: 133298
Conc: 3.91 ng/ml



#11 AR-1232-1

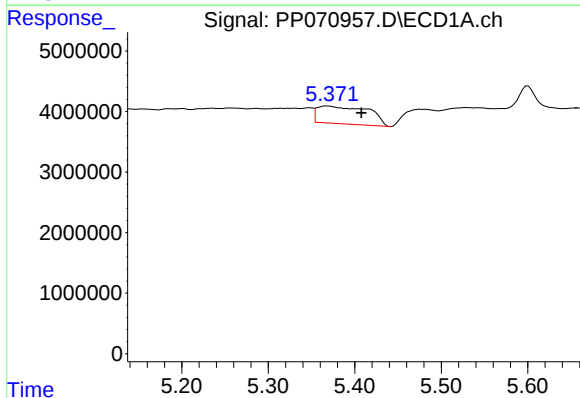
R.T.: 4.843 min
Delta R.T.: -0.040 min
Response: 308638
Conc: 9.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



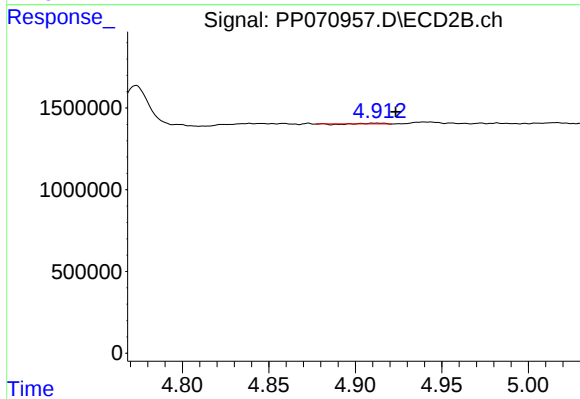
#11 AR-1232-1

R.T.: 4.182 min
Delta R.T.: -0.008 min
Response: 133298
Conc: 4.76 ng/ml



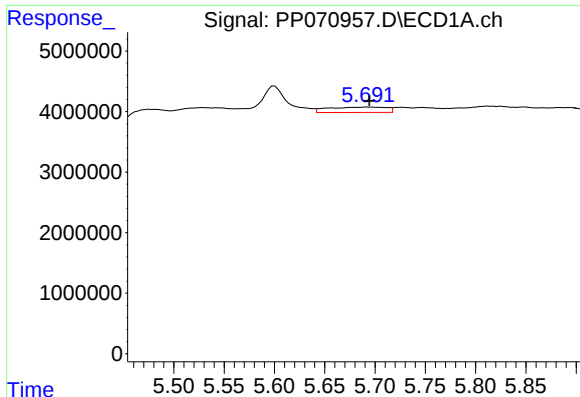
#12 AR-1232-2

R.T.: 5.368 min
Delta R.T.: -0.039 min
Response: 12135492
Conc: 762.74 ng/ml



#12 AR-1232-2

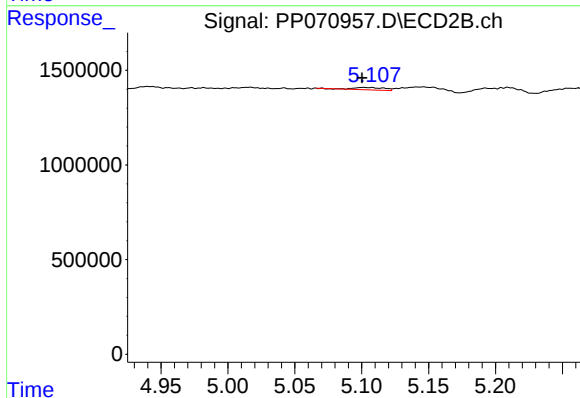
R.T.: 4.912 min
Delta R.T.: -0.011 min
Response: 17086
Conc: 0.61 ng/ml



#13 AR-1232-3

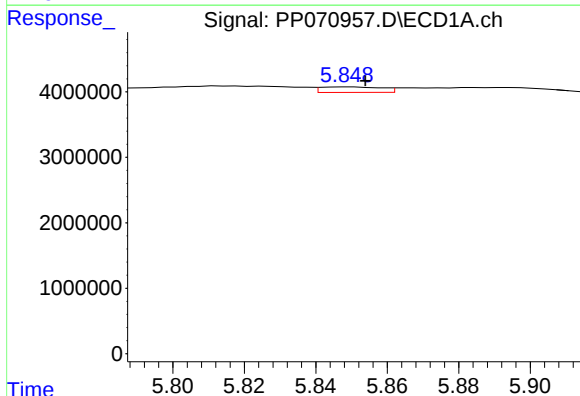
R.T.: 5.692 min
Delta R.T.: -0.003 min
Response: 3559240
Conc: 103.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



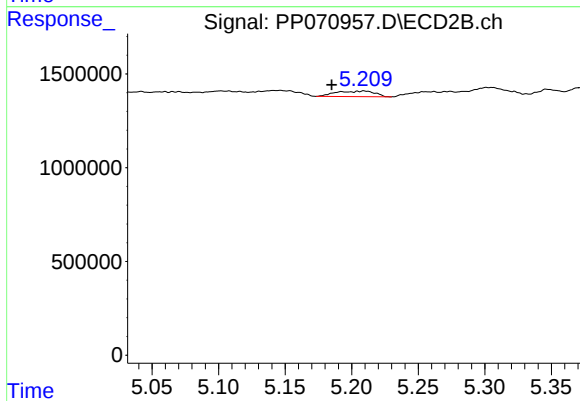
#13 AR-1232-3

R.T.: 5.102 min
Delta R.T.: 0.001 min
Response: 199975
Conc: 13.43 ng/ml



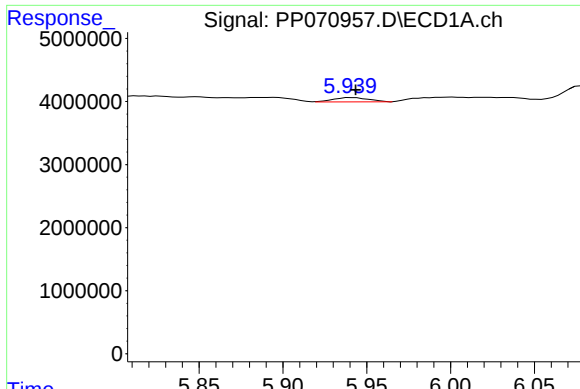
#14 AR-1232-4

R.T.: 5.849 min
Delta R.T.: -0.005 min
Response: 1004330
Conc: 63.94 ng/ml



#14 AR-1232-4

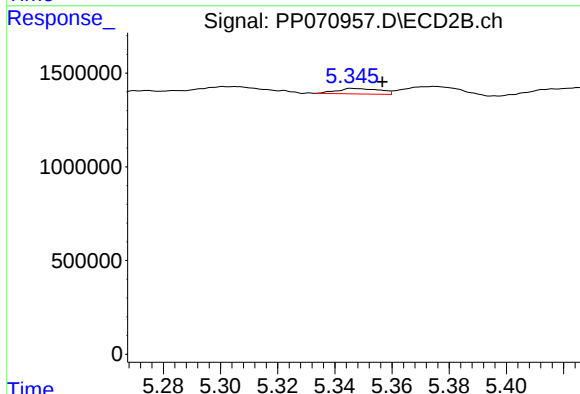
R.T.: 5.209 min
Delta R.T.: 0.024 min
Response: 593796
Conc: 46.37 ng/ml



#15 AR-1232-5

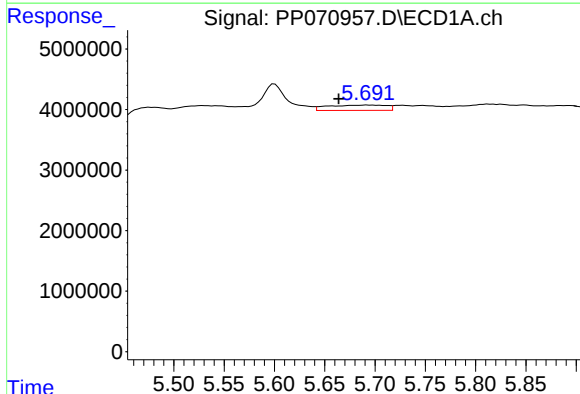
R.T.: 5.940 min
Delta R.T.: -0.003 min
Response: 998563
Conc: 93.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



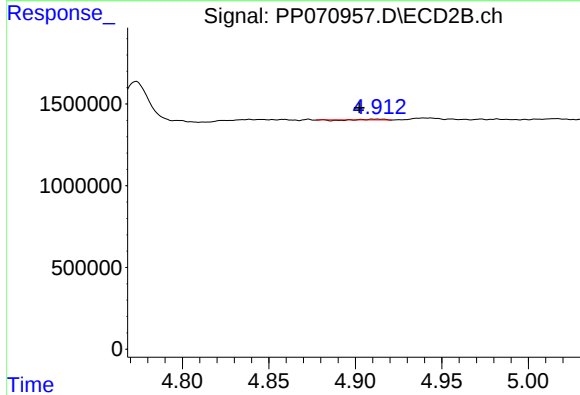
#15 AR-1232-5

R.T.: 5.347 min
Delta R.T.: -0.010 min
Response: 302280
Conc: 21.33 ng/ml



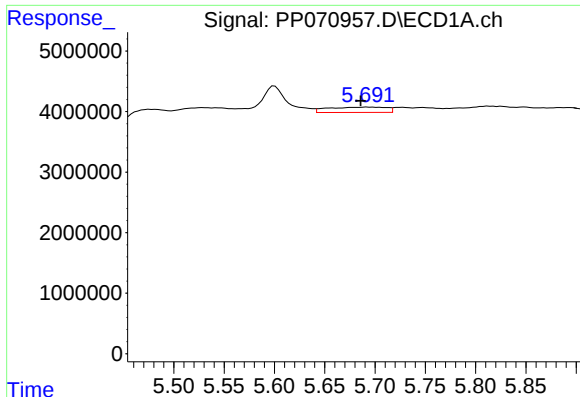
#16 AR-1242-1

R.T.: 5.692 min
Delta R.T.: 0.028 min
Response: 3559240
Conc: 80.93 ng/ml



#16 AR-1242-1

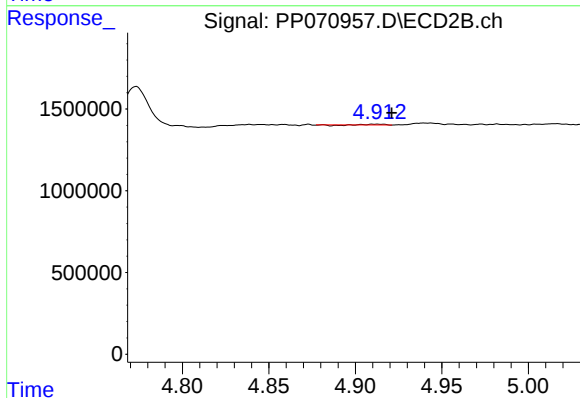
R.T.: 4.912 min
Delta R.T.: 0.009 min
Response: 17086
Conc: 0.50 ng/ml



#17 AR-1242-2

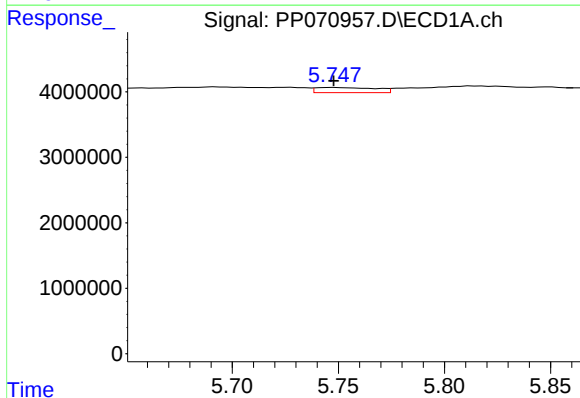
R.T.: 5.692 min
Delta R.T.: 0.006 min
Response: 3559240
Conc: 55.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



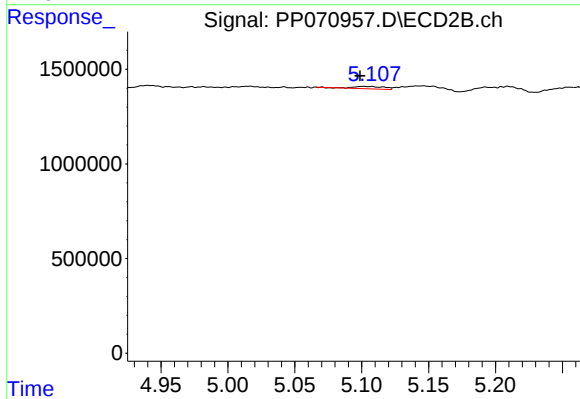
#17 AR-1242-2

R.T.: 4.912 min
Delta R.T.: -0.009 min
Response: 17086
Conc: 0.35 ng/ml



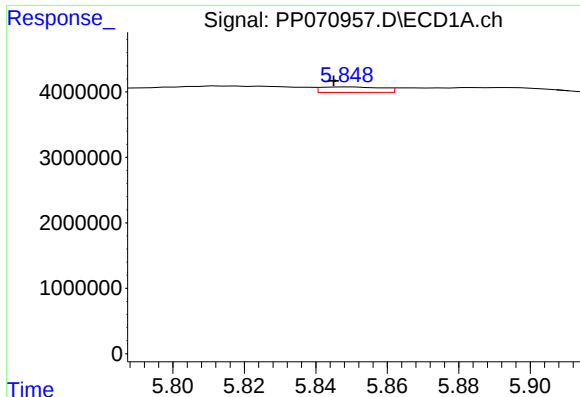
#18 AR-1242-3

R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 1531423
Conc: 37.32 ng/ml



#18 AR-1242-3

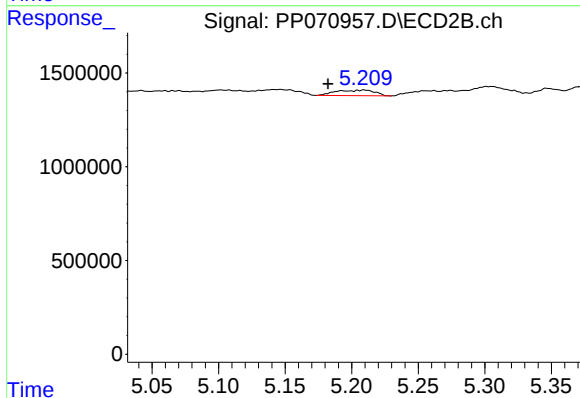
R.T.: 5.102 min
Delta R.T.: 0.003 min
Response: 199975
Conc: 7.51 ng/ml



#19 AR-1242-4

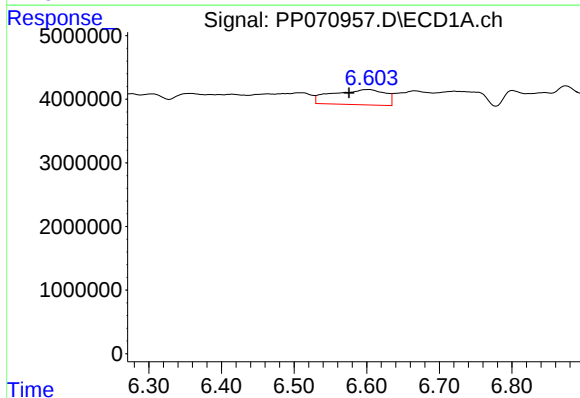
R.T.: 5.849 min
Delta R.T.: 0.004 min
Response: 1004330
Conc: 32.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



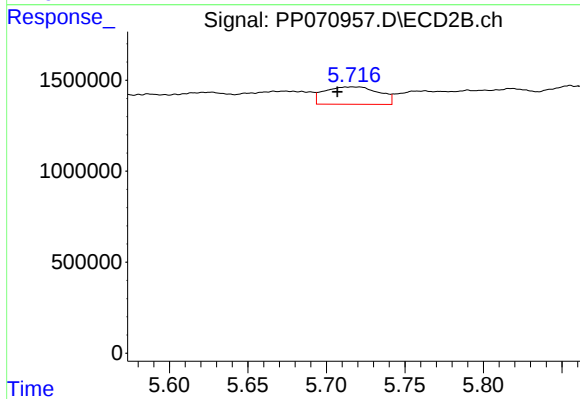
#19 AR-1242-4

R.T.: 5.209 min
Delta R.T.: 0.027 min
Response: 593796
Conc: 22.51 ng/ml



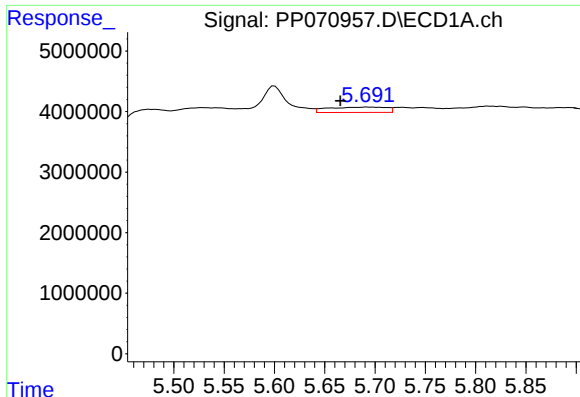
#20 AR-1242-5

R.T.: 6.604 min
Delta R.T.: 0.028 min
Response: 12082072
Conc: 330.92 ng/ml



#20 AR-1242-5

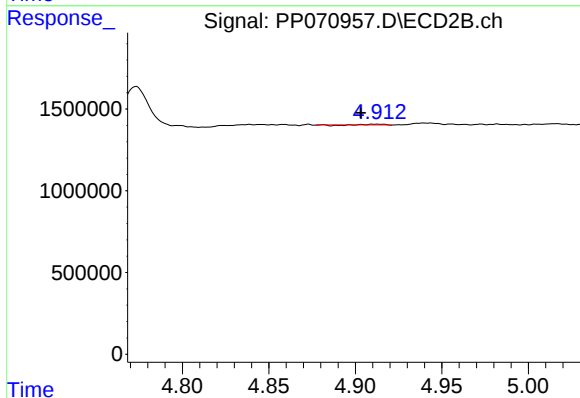
R.T.: 5.717 min
Delta R.T.: 0.010 min
Response: 2309667
Conc: 74.61 ng/ml



#21 AR-1248-1

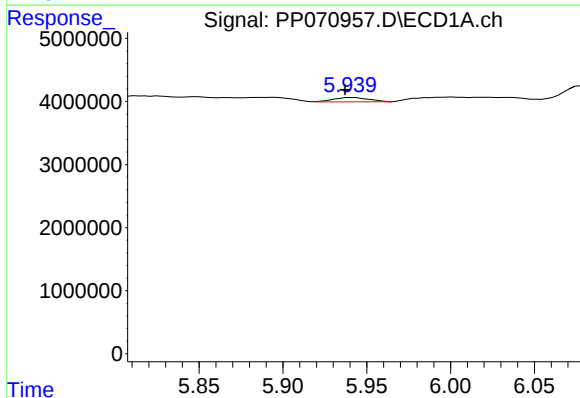
R.T.: 5.692 min
Delta R.T.: 0.026 min
Response: 3559240
Conc: 98.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



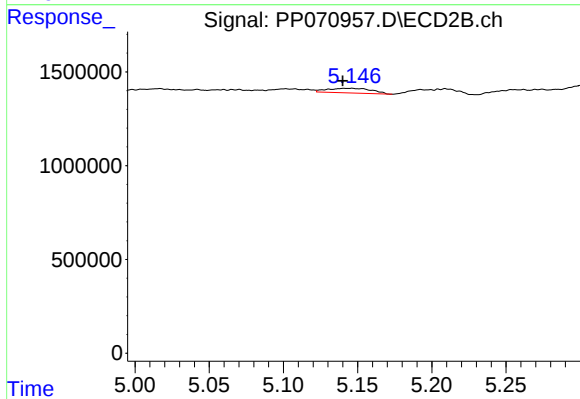
#21 AR-1248-1

R.T.: 4.912 min
Delta R.T.: 0.009 min
Response: 17086
Conc: 0.63 ng/ml



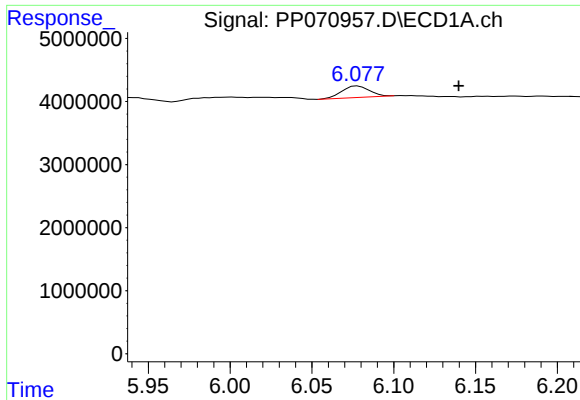
#22 AR-1248-2

R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 998563
Conc: 22.22 ng/ml



#22 AR-1248-2

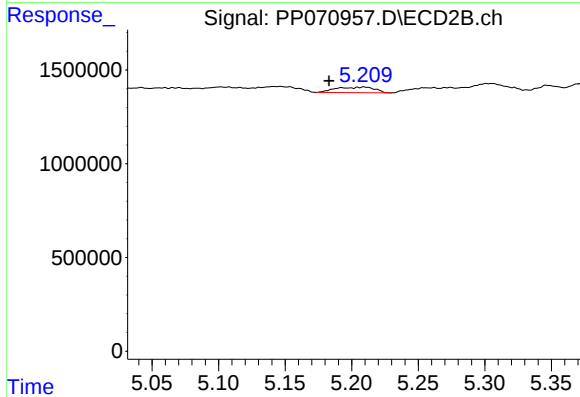
R.T.: 5.146 min
Delta R.T.: 0.006 min
Response: 520367
Conc: 14.17 ng/ml



#23 AR-1248-3

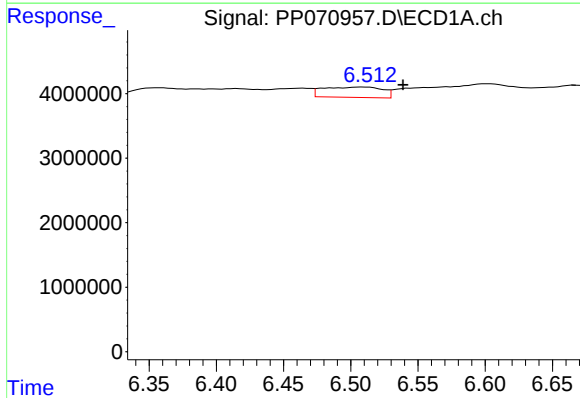
R.T.: 6.078 min
Delta R.T.: -0.062 min
Response: 2114121
Conc: 41.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



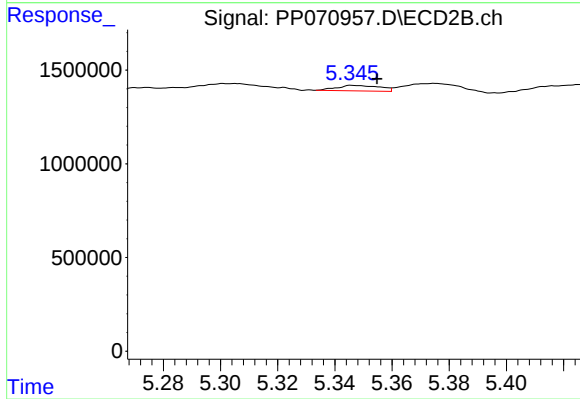
#23 AR-1248-3

R.T.: 5.209 min
Delta R.T.: 0.027 min
Response: 593796
Conc: 15.36 ng/ml



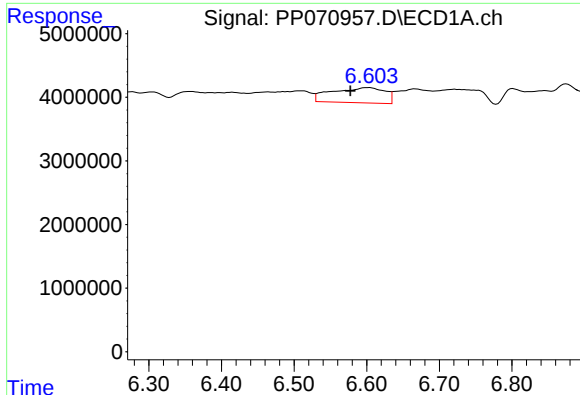
#24 AR-1248-4

R.T.: 6.511 min
Delta R.T.: -0.028 min
Response: 4906666
Conc: 76.49 ng/ml



#24 AR-1248-4

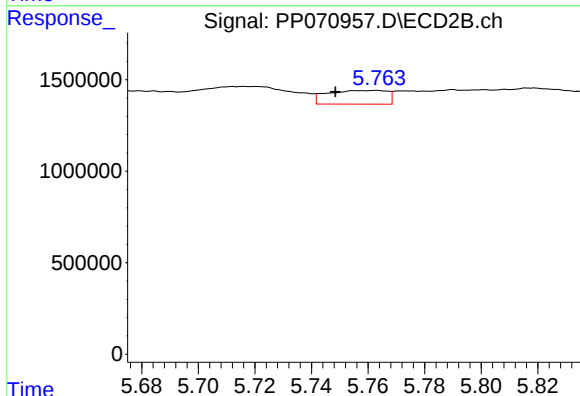
R.T.: 5.347 min
Delta R.T.: -0.008 min
Response: 302280
Conc: 6.70 ng/ml



#25 AR-1248-5

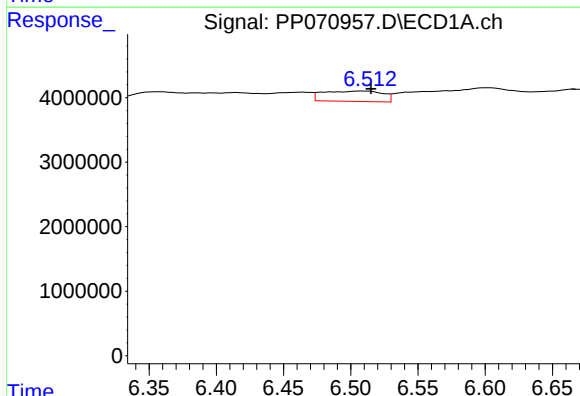
R.T.: 6.604 min
Delta R.T.: 0.026 min
Response: 12082072
Conc: 198.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



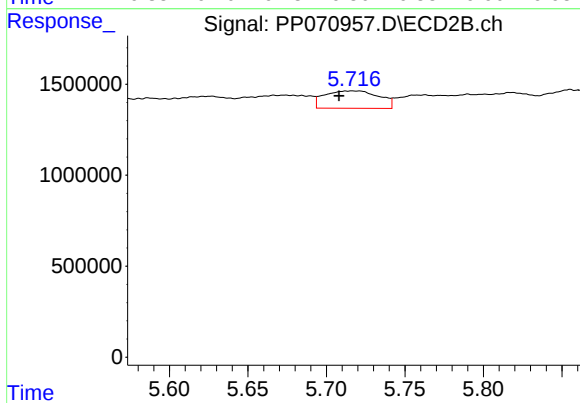
#25 AR-1248-5

R.T.: 5.763 min
Delta R.T.: 0.014 min
Response: 1098976
Conc: 25.75 ng/ml



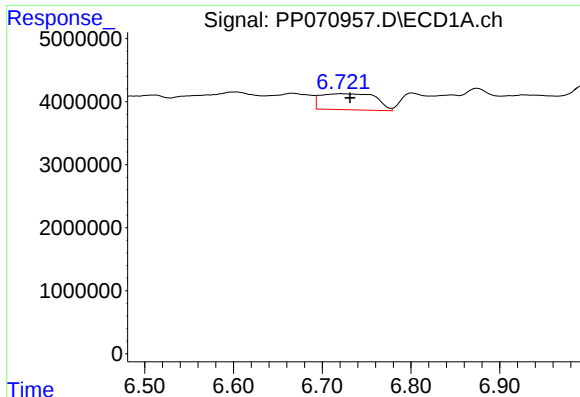
#26 AR-1254-1

R.T.: 6.511 min
Delta R.T.: -0.004 min
Response: 4906666
Conc: 76.20 ng/ml



#26 AR-1254-1

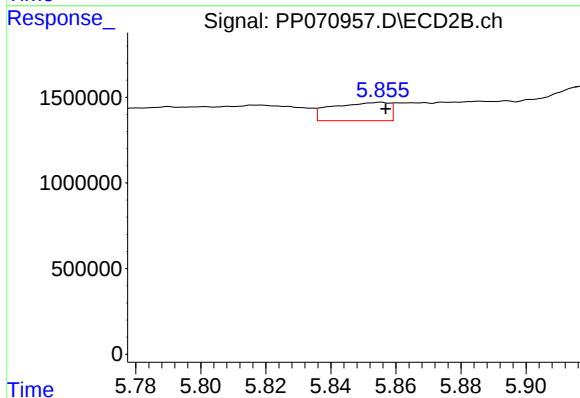
R.T.: 5.717 min
Delta R.T.: 0.009 min
Response: 2309667
Conc: 34.99 ng/ml



#27 AR-1254-2

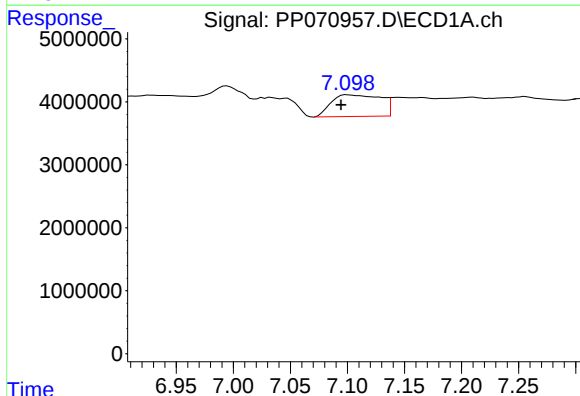
R.T.: 6.721 min
Delta R.T.: -0.010 min
Response: 11146141
Conc: 110.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



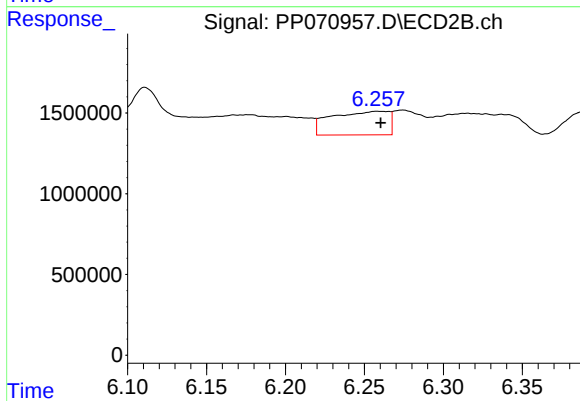
#27 AR-1254-2

R.T.: 5.855 min
Delta R.T.: -0.002 min
Response: 1306729
Conc: 22.89 ng/ml



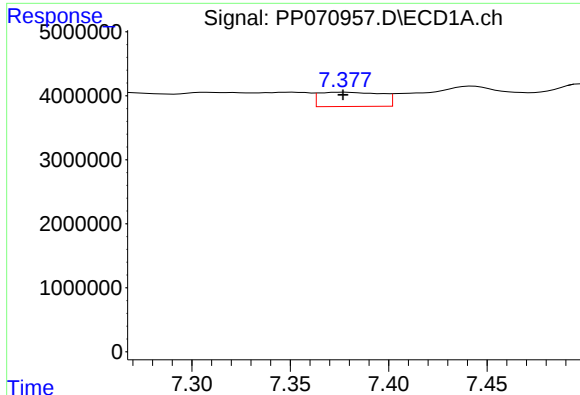
#28 AR-1254-3

R.T.: 7.100 min
Delta R.T.: 0.005 min
Response: 10375539
Conc: 104.04 ng/ml



#28 AR-1254-3

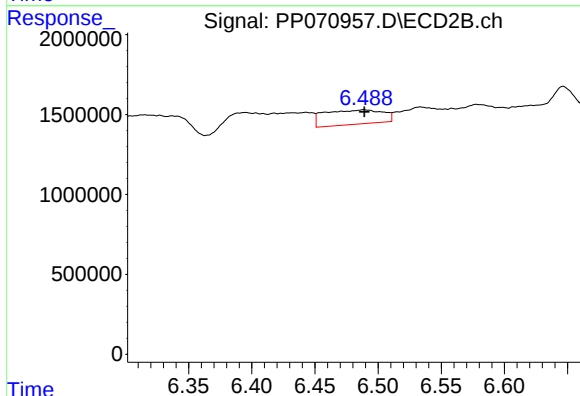
R.T.: 6.258 min
Delta R.T.: -0.002 min
Response: 3699150
Conc: 42.60 ng/ml



#29 AR-1254-4

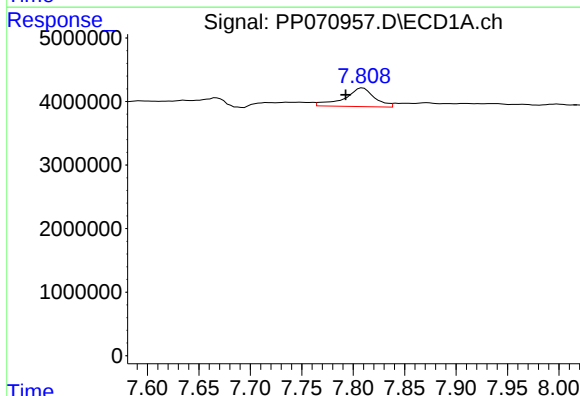
R.T.: 7.378 min
Delta R.T.: 0.000 min
Response: 4919730
Conc: 56.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



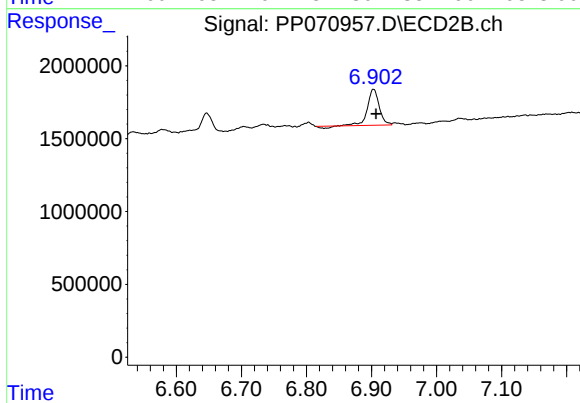
#29 AR-1254-4

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 2889789
Conc: 51.51 ng/ml



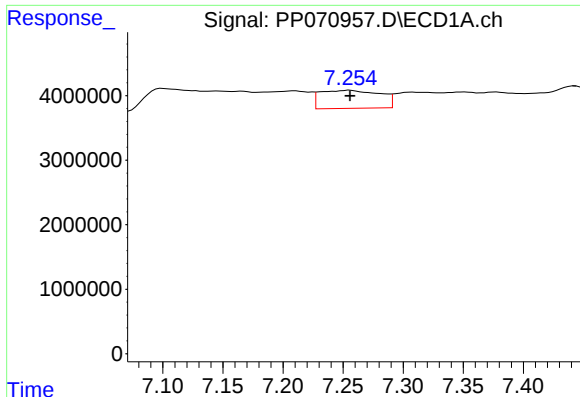
#30 AR-1254-5

R.T.: 7.809 min
Delta R.T.: 0.016 min
Response: 6036886
Conc: 75.13 ng/ml



#30 AR-1254-5

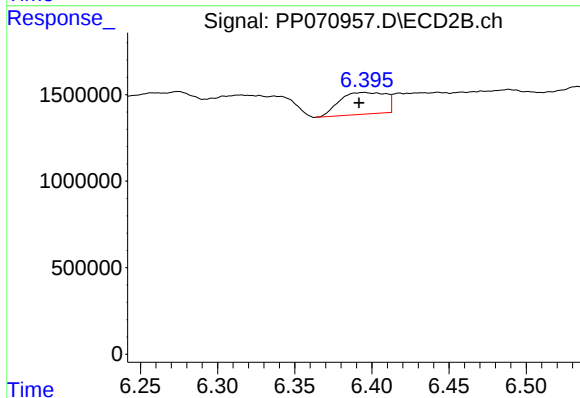
R.T.: 6.903 min
Delta R.T.: -0.004 min
Response: 3045705
Conc: 42.21 ng/ml



#31 AR-1260-1

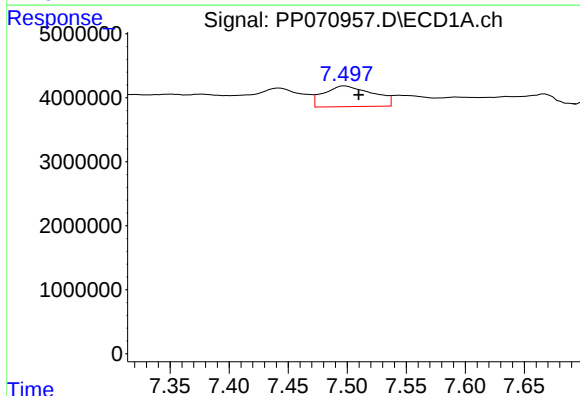
R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 9692238
Conc: 144.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



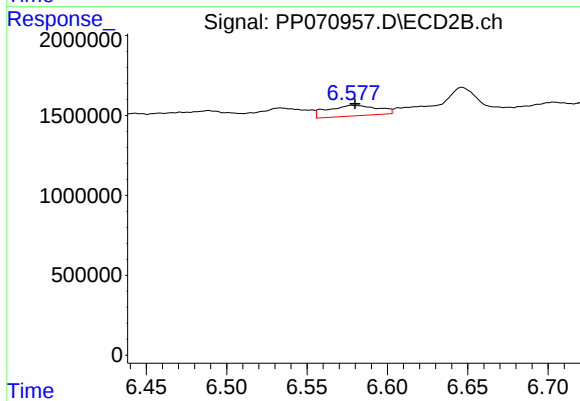
#31 AR-1260-1

R.T.: 6.395 min
Delta R.T.: 0.003 min
Response: 2614948
Conc: 51.07 ng/ml



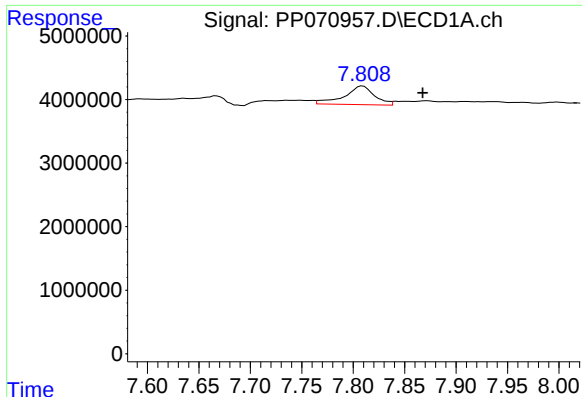
#32 AR-1260-2

R.T.: 7.498 min
Delta R.T.: -0.011 min
Response: 9361116
Conc: 97.37 ng/ml



#32 AR-1260-2

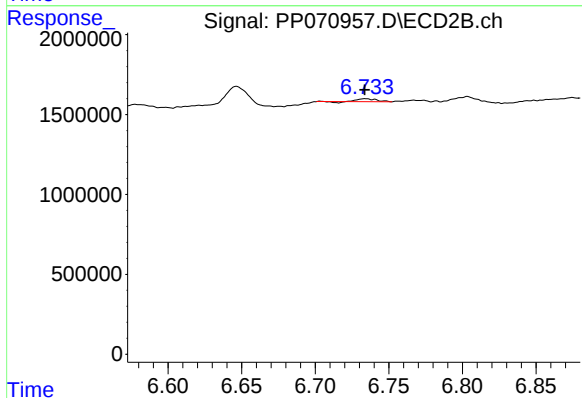
R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 1437429
Conc: 22.53 ng/ml



#33 AR-1260-3

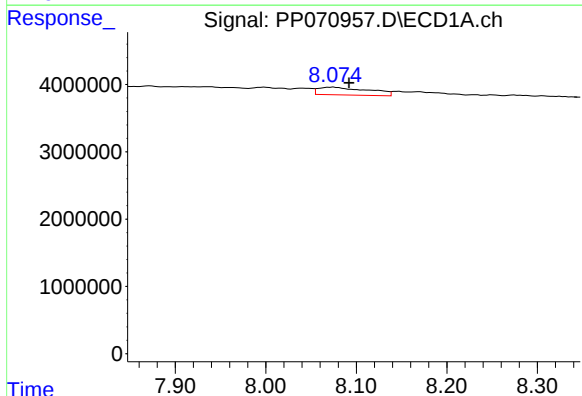
R.T.: 7.809 min
Delta R.T.: -0.058 min
Response: 6036886
Conc: 75.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



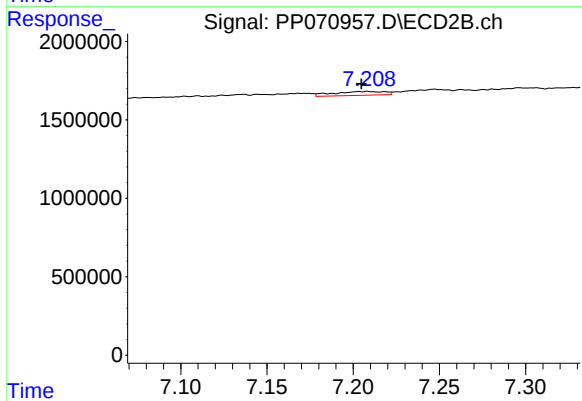
#33 AR-1260-3

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 143963
Conc: 2.64 ng/ml



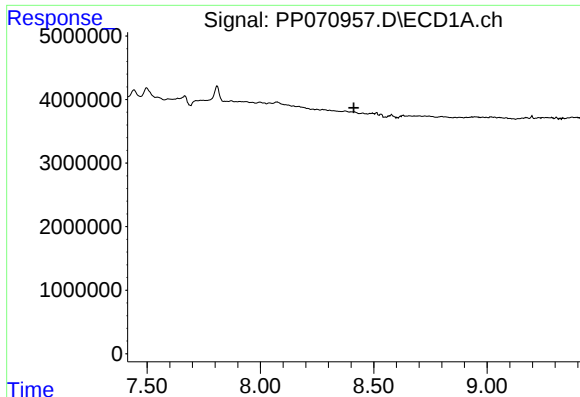
#34 AR-1260-4

R.T.: 8.074 min
Delta R.T.: -0.017 min
Response: 4460525
Conc: 56.65 ng/ml



#34 AR-1260-4

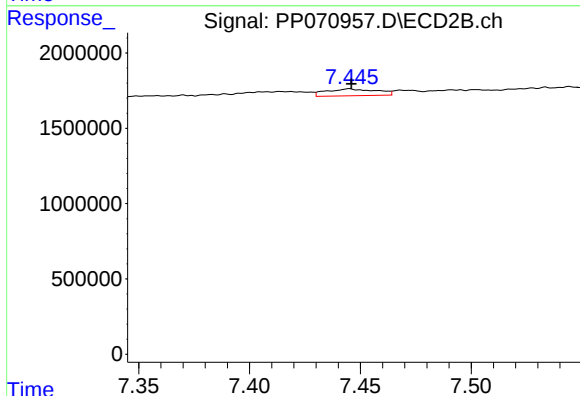
R.T.: 7.208 min
Delta R.T.: 0.004 min
Response: 506246
Conc: 10.59 ng/ml



#35 AR-1260-5

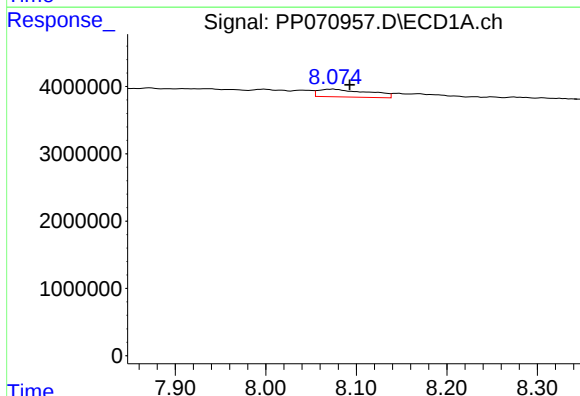
R.T.: 0.000 min
Exp R.T.: 8.411 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



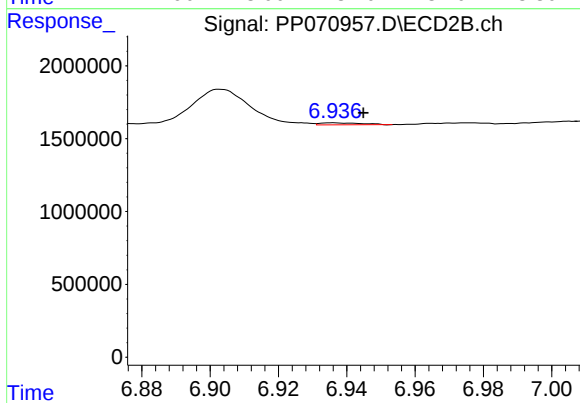
#35 AR-1260-5

R.T.: 7.445 min
Delta R.T.: -0.001 min
Response: 715080
Conc: 5.74 ng/ml



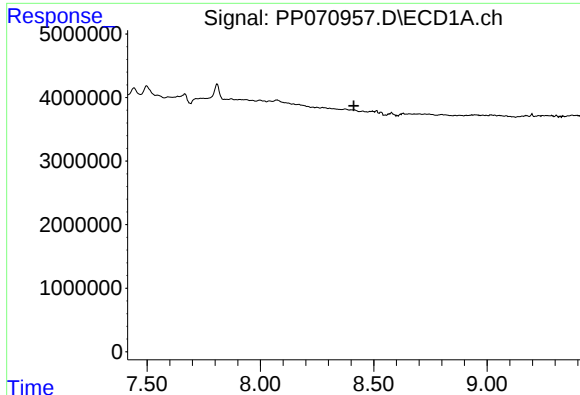
#36 AR-1262-1

R.T.: 8.074 min
Delta R.T.: -0.018 min
Response: 4460525
Conc: 41.96 ng/ml



#36 AR-1262-1

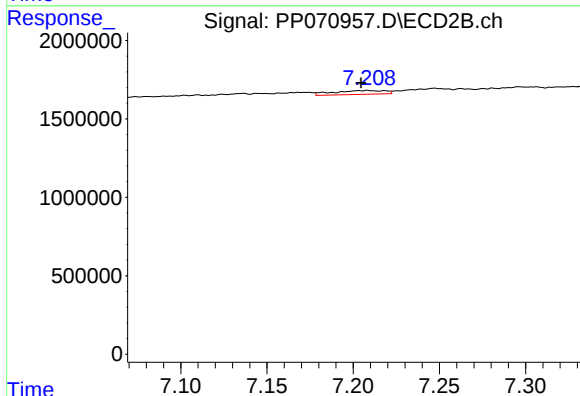
R.T.: 6.936 min
Delta R.T.: -0.009 min
Response: 117755
Conc: 1.38 ng/ml



#37 AR-1262-2

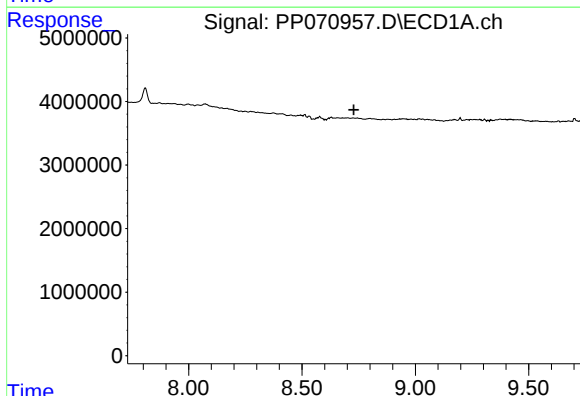
R.T.: 0.000 min
Exp R.T.: 8.412 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



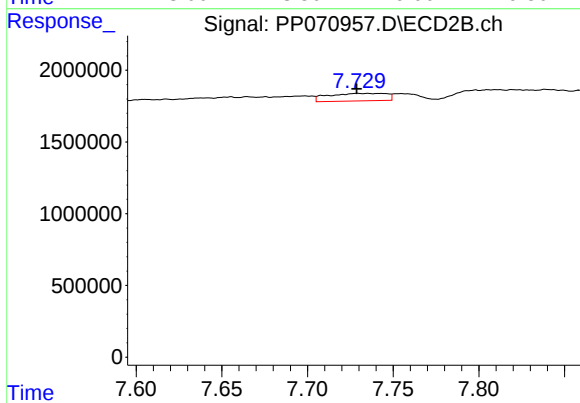
#37 AR-1262-2

R.T.: 7.208 min
Delta R.T.: 0.004 min
Response: 506246
Conc: 7.39 ng/ml



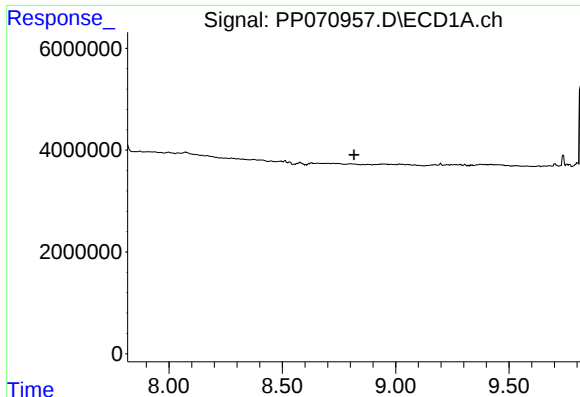
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.729 min
Response: 0
Conc: N.D.



#38 AR-1262-3

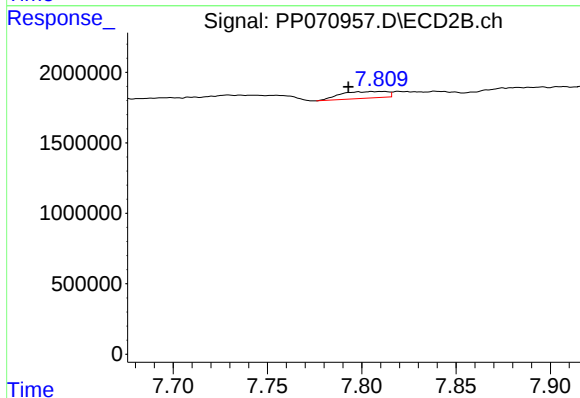
R.T.: 7.729 min
Delta R.T.: 0.000 min
Response: 1237374
Conc: 20.38 ng/ml



#39 AR-1262-4

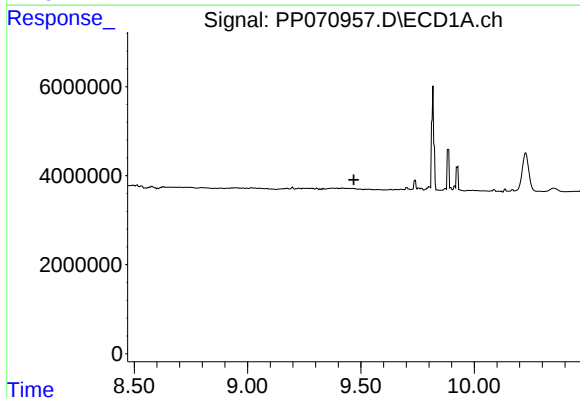
R.T.: 0.000 min
Exp R.T.: 8.817 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



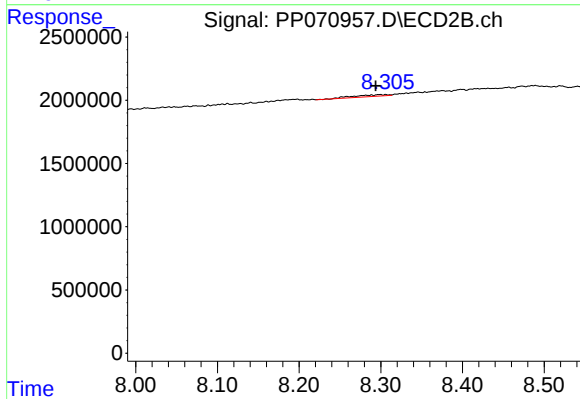
#39 AR-1262-4

R.T.: 7.806 min
Delta R.T.: 0.013 min
Response: 826856
Conc: 8.32 ng/ml



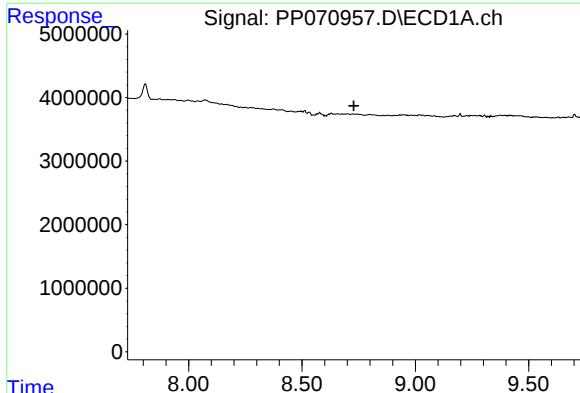
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.469 min
Response: 0
Conc: N.D.



#40 AR-1262-5

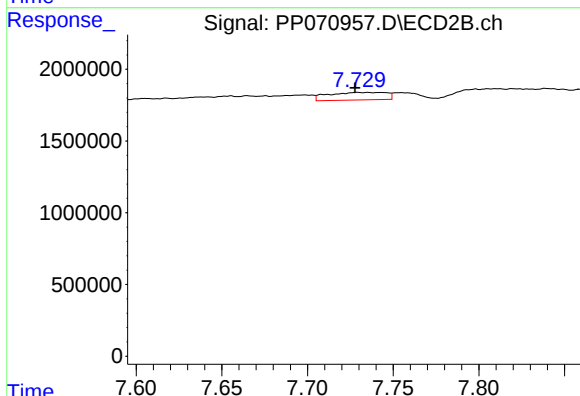
R.T.: 8.299 min
Delta R.T.: 0.005 min
Response: 419135
Conc: 8.94 ng/ml



#41 AR-1268-1

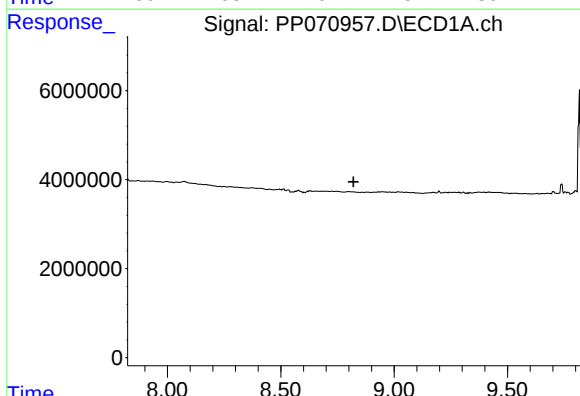
R.T.: 0.000 min
Exp R.T.: 8.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



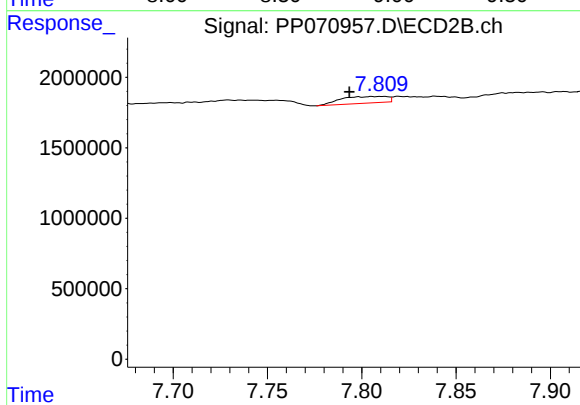
#41 AR-1268-1

R.T.: 7.729 min
Delta R.T.: 0.001 min
Response: 1237374
Conc: 7.22 ng/ml



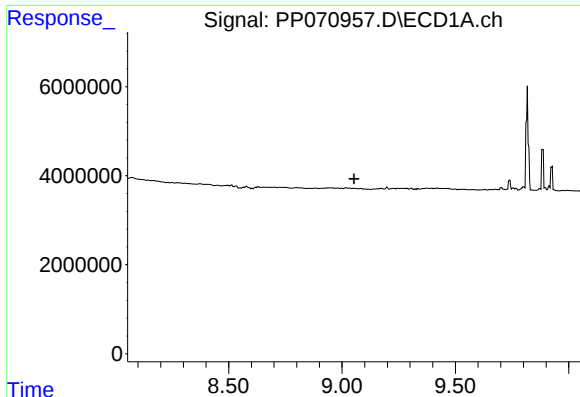
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.821 min
Response: 0
Conc: N.D.



#42 AR-1268-2

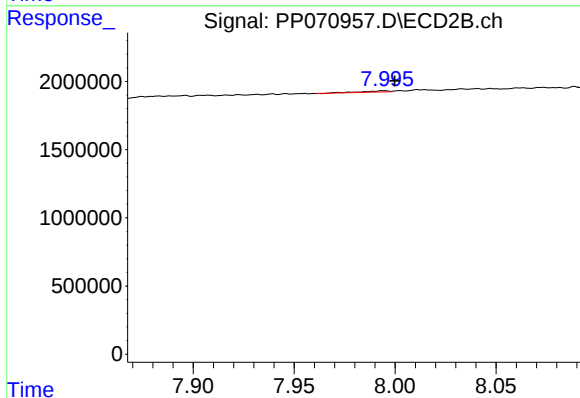
R.T.: 7.806 min
Delta R.T.: 0.012 min
Response: 826856
Conc: 5.77 ng/ml



#43 AR-1268-3

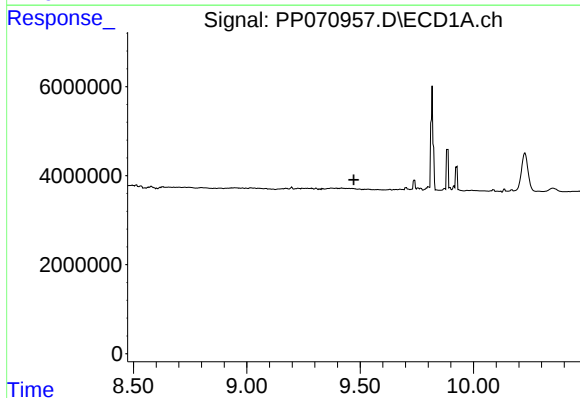
R.T.: 0.000 min
Exp R.T.: 9.053 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



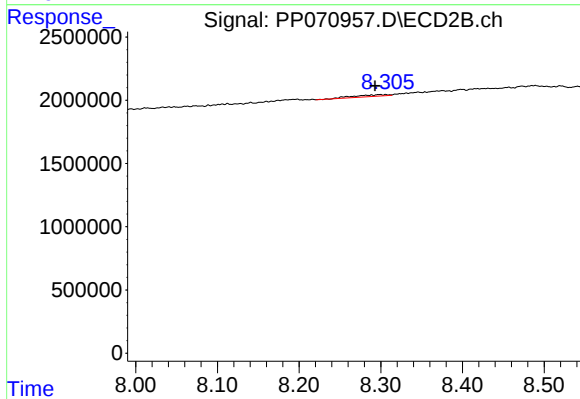
#43 AR-1268-3

R.T.: 7.994 min
Delta R.T.: -0.005 min
Response: 79618
Conc: 0.65 ng/ml



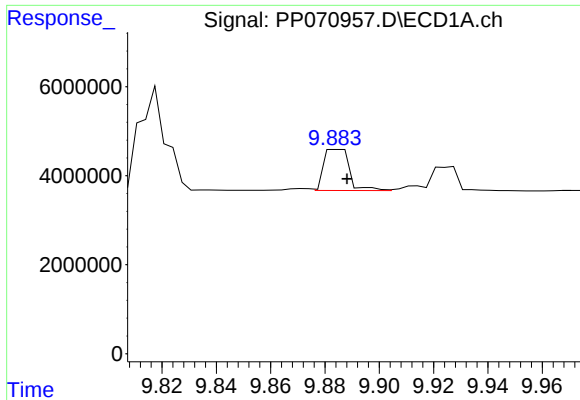
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.472 min
Response: 0
Conc: N.D.



#44 AR-1268-4

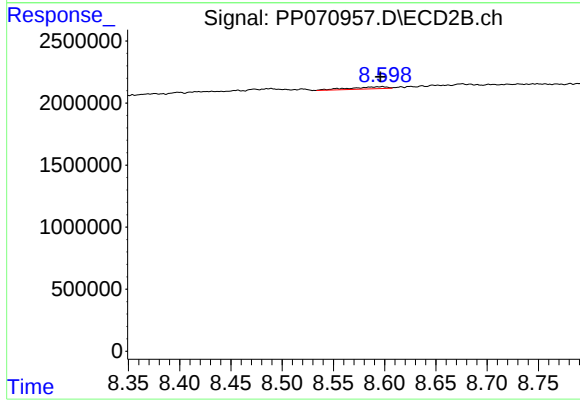
R.T.: 8.299 min
Delta R.T.: 0.006 min
Response: 419135
Conc: 7.94 ng/ml



#45 AR-1268-5

R.T.: 9.885 min
Delta R.T.: -0.003 min
Response: 6040719
Conc: 12.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.598 min
Delta R.T.: 0.002 min
Response: 424894
Conc: 1.17 ng/ml