

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120123\
 Data File : PP062080.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2023 17:13
 Operator : YP\AJ
 Sample : 05589-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 22:14:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 28 04:28:00 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...	4.463	3.740	22474457	26021737	17.072	14.461
2) SA Decachlor...	10.244	8.847	22800571	38310780	22.093	18.562
Target Compounds						
3) L1 AR-1016-1	5.626	4.857f	1738759	15799837	35.089	238.503 #
4) L1 AR-1016-2	5.626f	4.857	1738759	15799837	23.308	171.026 #
5) L1 AR-1016-3	5.702	5.044	5818114	3922941	118.223	77.331 #
6) L1 AR-1016-4	5.809	5.092	2299941	8289289	60.511	181.935 #
7) L1 AR-1016-5	6.102	5.305	2333764	937243	60.686	16.212 #
8) L2 AR-1221-1	4.674	0.000	12162149	0	681.523	N.D. #
9) L2 AR-1221-2	4.768f	4.029	1623447	4240737	121.730	222.947 #
10) L2 AR-1221-3	4.837	0.000	384640	0	9.667	N.D. #
11) L3 AR-1232-1	4.837	0.000	384640	0	11.556	N.D. #
12) L3 AR-1232-2	5.339f	4.857	935826	15799837	46.977	383.870 #
13) L3 AR-1232-3	5.626f	5.044	1738759	3922941	51.216	173.165 #
14) L3 AR-1232-4	5.809	5.154f	2299941	7266115	136.132	318.182 #
15) L3 AR-1232-5	5.913	5.305	3772163	937243	250.299	36.829 #
16) L4 AR-1242-1	5.626	4.857f	1738759	15799837	43.750	298.190 #
17) L4 AR-1242-2	5.626f	4.857	1738759	15799837	29.246	216.992 #
18) L4 AR-1242-3	5.702	5.044	5818114	3922941	148.791	96.803 #
19) L4 AR-1242-4	5.809	5.154f	2299941	7266115	75.840	160.990 #
20) L4 AR-1242-5	6.573f	5.638f	994190	5148114	33.159	98.378 #
21) L5 AR-1248-1	5.626	4.857f	1738759	15799837	56.904	395.757 #
22) L5 AR-1248-2	5.913	5.092	3772163	8289289	77.106	131.238 #
23) L5 AR-1248-3	6.102	0.000	2333764	0	44.859	N.D. #
24) L5 AR-1248-4	6.508	5.305	1245311	937243	24.569	12.176 #
25) L5 AR-1248-5	6.573f	5.638f	994190	5148114	19.239	51.515 #
26) L6 AR-1254-1	6.508f	5.638f	1245311	5148114	22.197	47.281 #
27) L6 AR-1254-2	0.000	5.819	0	1158678	N.D.	11.545 #
28) L6 AR-1254-3	7.050f	0.000	1875419	0	22.669	N.D. #
29) L6 AR-1254-4	7.348	6.433f	1691255	2153208	32.251	27.091
30) L6 AR-1254-5	7.757f	6.878	2700575	2727291	42.395	19.325 #
31) L7 AR-1260-1	7.247	6.360	5202298	1272737	76.158	10.936 #
32) L7 AR-1260-2	7.508	6.540	7636204	1647526	101.382	12.092 #
33) L7 AR-1260-3	7.837f	6.710	3567741	798576	68.867	6.103 #
34) L7 AR-1260-4	8.090	7.193	2747930	1451209	45.028	14.716 #
35) L7 AR-1260-5	0.000	7.403	0	1500516	N.D.	7.008 #
36) L8 AR-1262-1	7.914	6.979	3241927	4107789	91.613	64.663 #
37) L8 AR-1262-2	0.000	7.193f	0	1451209	N.D.	10.744 #
38) L8 AR-1262-3	8.699f	7.715	731914	8772414	8.356	83.847 #
39) L8 AR-1262-4	0.000	7.785f	0	1064604	N.D.	5.906 #
40) L8 AR-1262-5	0.000	8.271	0	895286	N.D.	11.720 #
41) L9 AR-1268-1	8.699f	7.715	731914	8772414	4.861	29.247 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120123\
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 Acq On : 01 Dec 2023 17:13
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 22:14:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 28 04:28:00 2023
 Response via : Initial Calibration
 Integrator: ChemStation

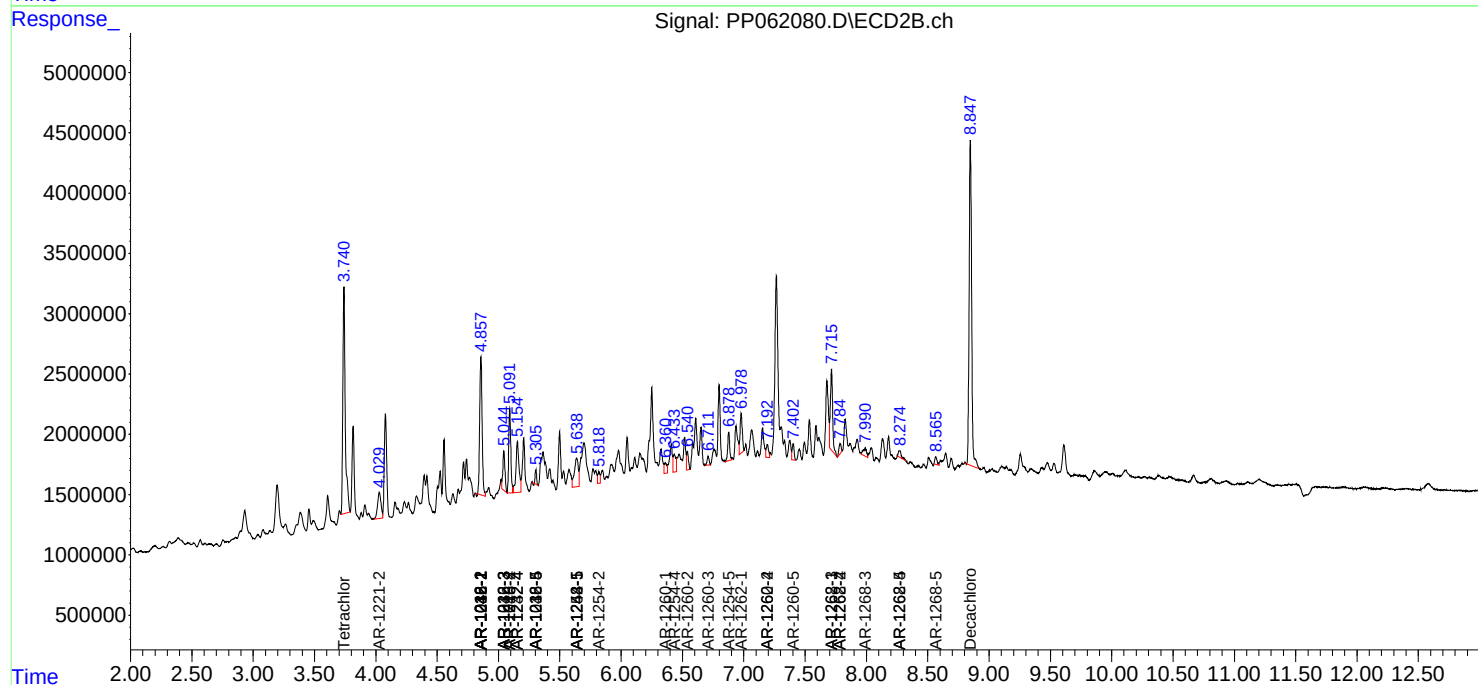
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

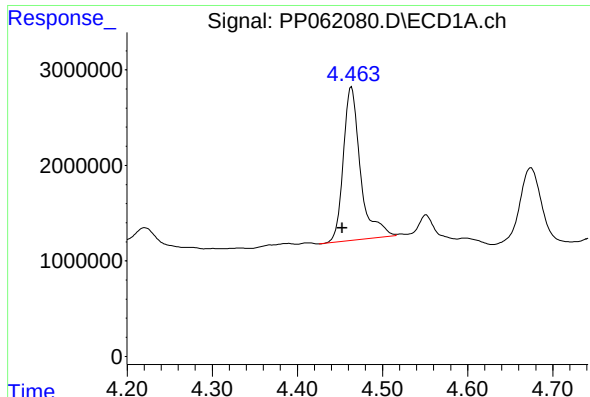
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.785	0	1064604	N.D.	4.012 #
43) L9	AR-1268-3	0.000	7.990	0	1303908	N.D.	5.368 #
44) L9	AR-1268-4	0.000	8.271	0	895286	N.D.	10.370 #
45) L9	AR-1268-5	0.000	8.565f	0	851001	N.D.	1.231 #

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

Instrument :
ECD_P
ClientSampleId :

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

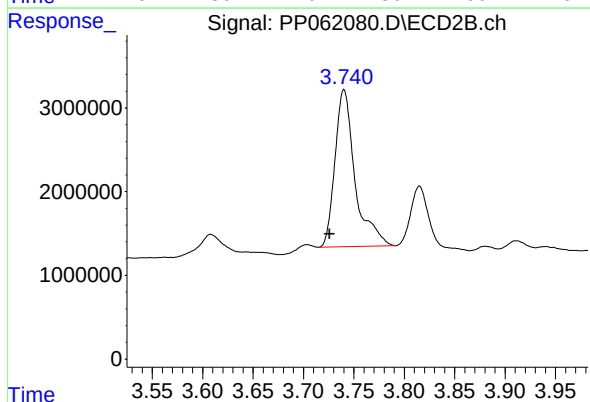




#1 Tetrachloro-m-xylene

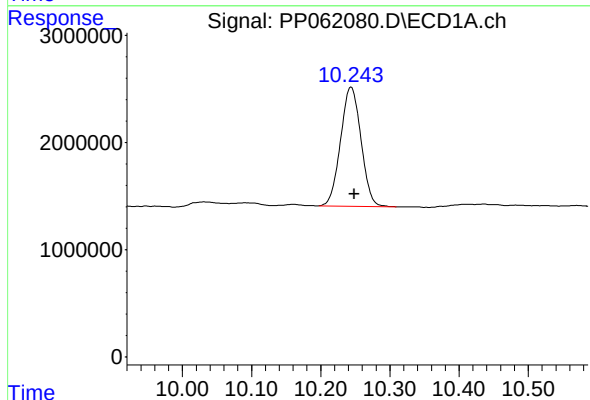
R.T.: 4.463 min
Delta R.T.: 0.010 min
Response: 22474457
Conc: 17.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



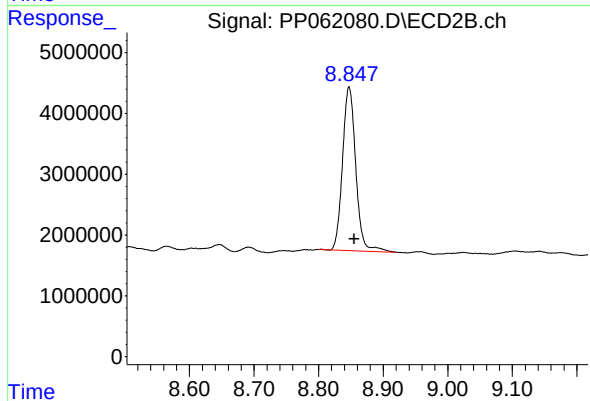
#1 Tetrachloro-m-xylene

R.T.: 3.740 min
Delta R.T.: 0.014 min
Response: 26021737
Conc: 14.46 ng/ml



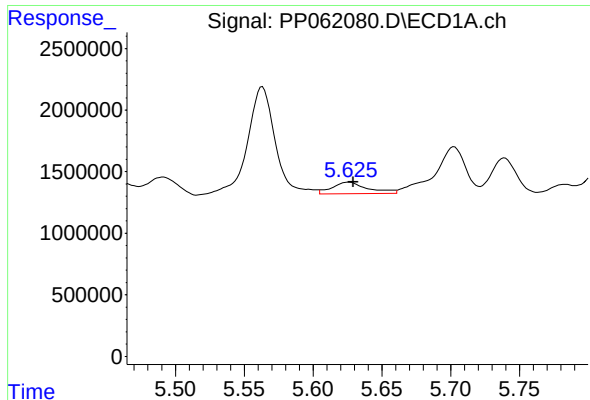
#2 Decachlorobiphenyl

R.T.: 10.244 min
Delta R.T.: -0.005 min
Response: 22800571
Conc: 22.09 ng/ml



#2 Decachlorobiphenyl

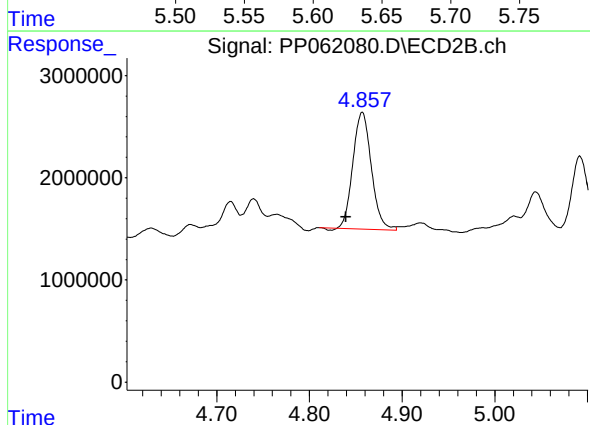
R.T.: 8.847 min
Delta R.T.: -0.008 min
Response: 38310780
Conc: 18.56 ng/ml



#3 AR-1016-1

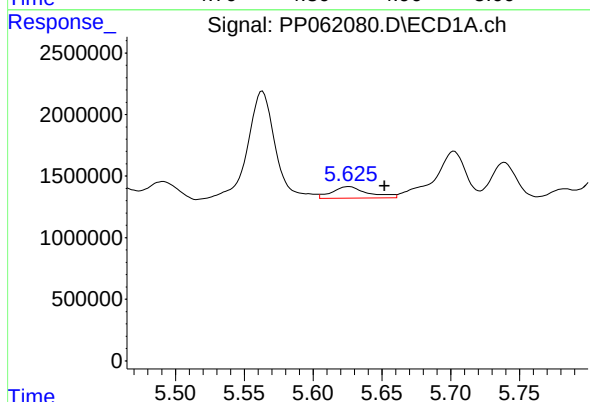
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 1738759
Conc: 35.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



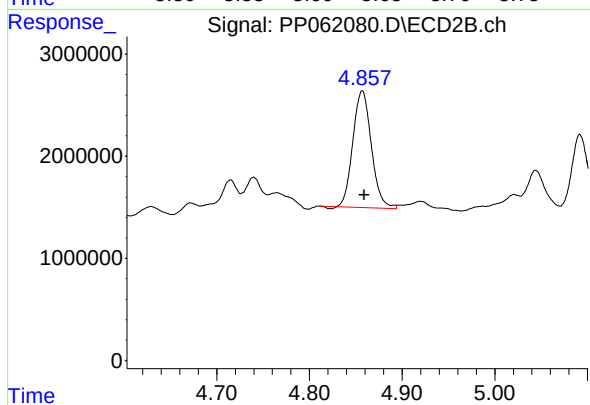
#3 AR-1016-1

R.T.: 4.857 min
Delta R.T.: 0.018 min
Response: 15799837
Conc: 238.50 ng/ml



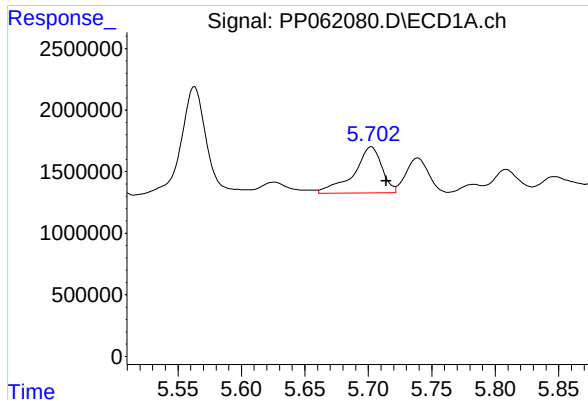
#4 AR-1016-2

R.T.: 5.626 min
Delta R.T.: -0.026 min
Response: 1738759
Conc: 23.31 ng/ml



#4 AR-1016-2

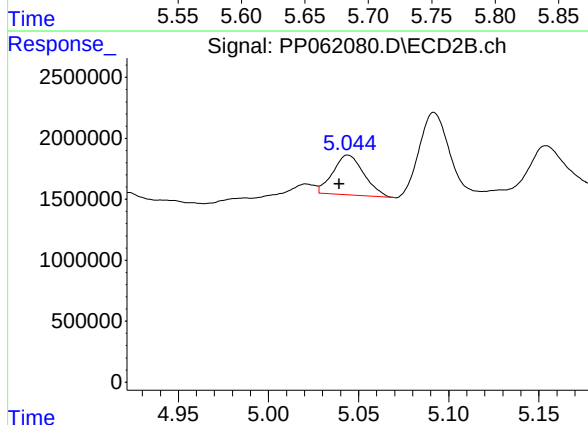
R.T.: 4.857 min
Delta R.T.: -0.002 min
Response: 15799837
Conc: 171.03 ng/ml



#5 AR-1016-3

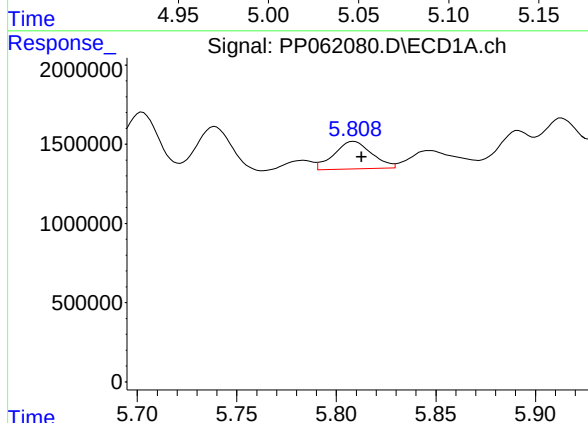
R.T.: 5.702 min
Delta R.T.: -0.012 min
Response: 5818114
Conc: 118.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



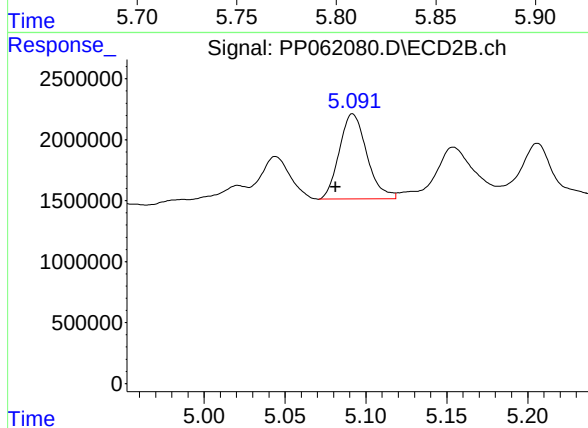
#5 AR-1016-3

R.T.: 5.044 min
Delta R.T.: 0.005 min
Response: 3922941
Conc: 77.33 ng/ml



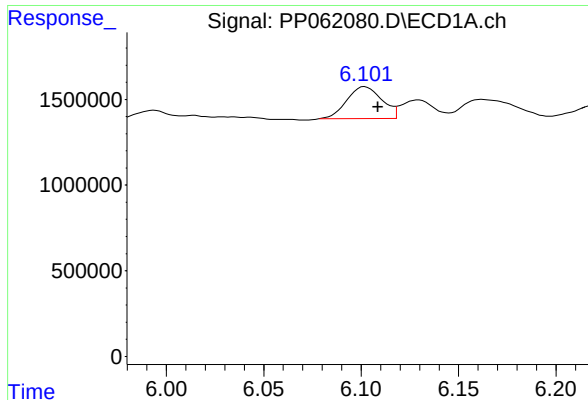
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: -0.004 min
Response: 2299941
Conc: 60.51 ng/ml



#6 AR-1016-4

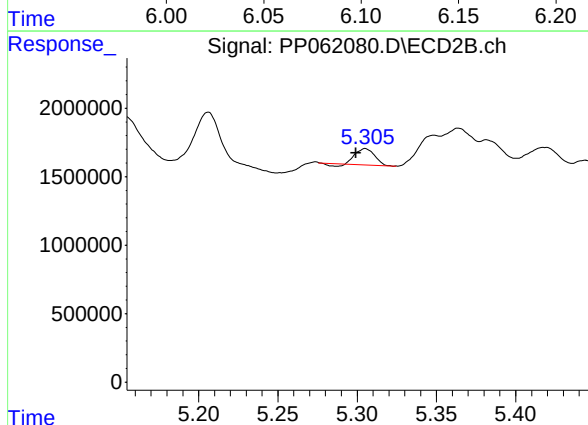
R.T.: 5.092 min
Delta R.T.: 0.010 min
Response: 8289289
Conc: 181.93 ng/ml



#7 AR-1016-5

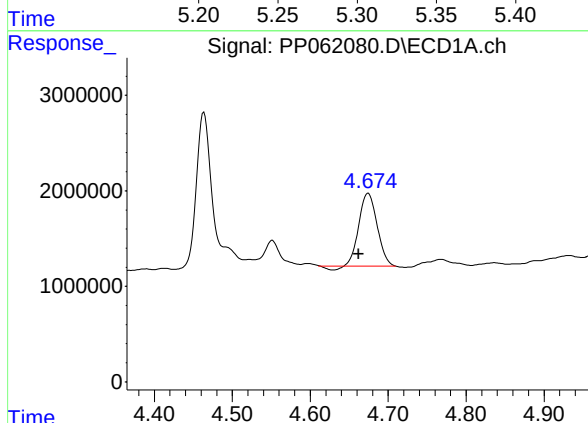
R.T.: 6.102 min
Delta R.T.: -0.007 min
Response: 2333764
Conc: 60.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



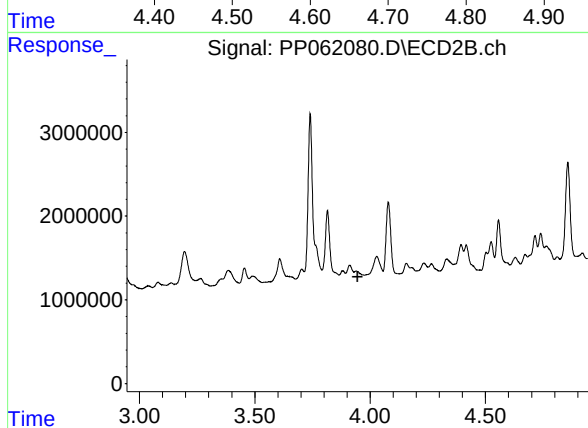
#7 AR-1016-5

R.T.: 5.305 min
Delta R.T.: 0.006 min
Response: 937243
Conc: 16.21 ng/ml



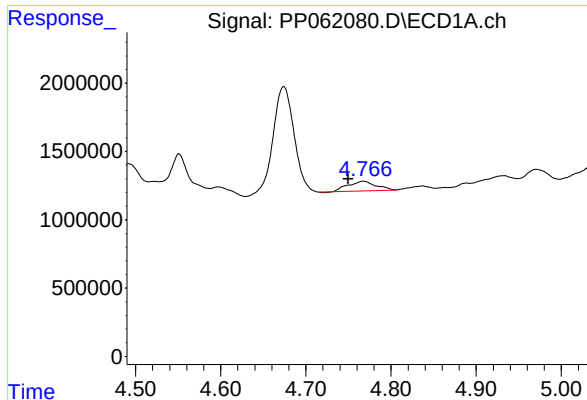
#8 AR-1221-1

R.T.: 4.674 min
Delta R.T.: 0.012 min
Response: 12162149
Conc: 681.52 ng/ml



#8 AR-1221-1

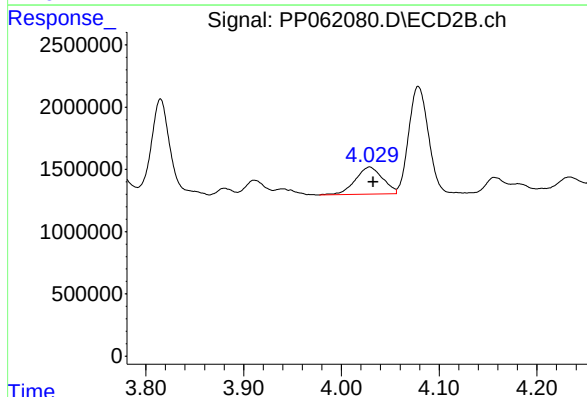
R.T.: 0.000 min
Exp R.T.: 3.945 min
Response: 0
Conc: N.D.



#9 AR-1221-2

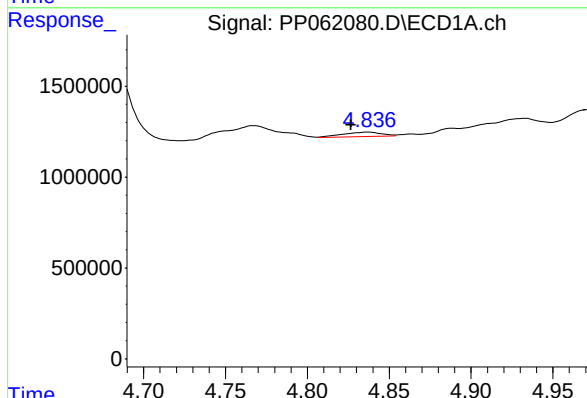
R.T.: 4.768 min
Delta R.T.: 0.018 min
Response: 1623447
Conc: 121.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



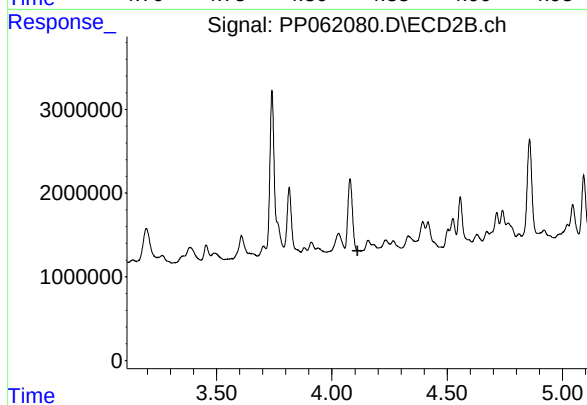
#9 AR-1221-2

R.T.: 4.029 min
Delta R.T.: -0.003 min
Response: 4240737
Conc: 222.95 ng/ml



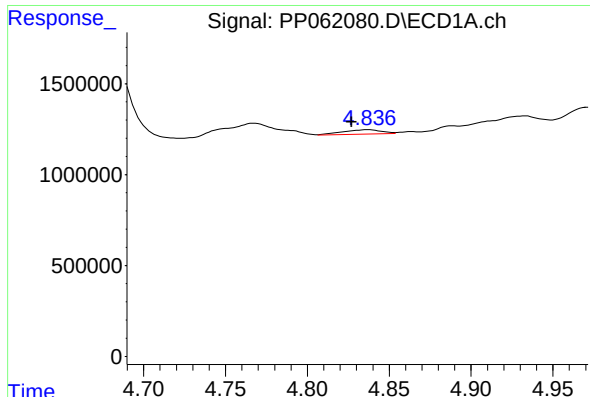
#10 AR-1221-3

R.T.: 4.837 min
Delta R.T.: 0.010 min
Response: 384640
Conc: 9.67 ng/ml



#10 AR-1221-3

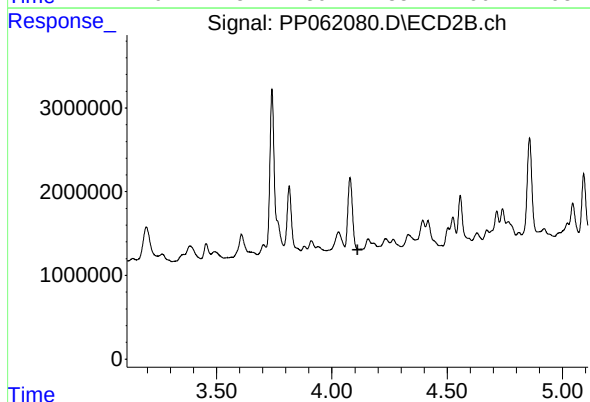
R.T.: 0.000 min
Exp R.T.: 4.111 min
Response: 0
Conc: N.D.



#11 AR-1232-1

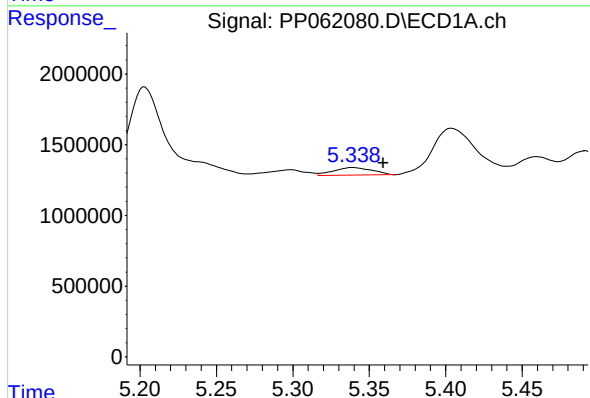
R.T.: 4.837 min
Delta R.T.: 0.010 min
Response: 384640
Conc: 11.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



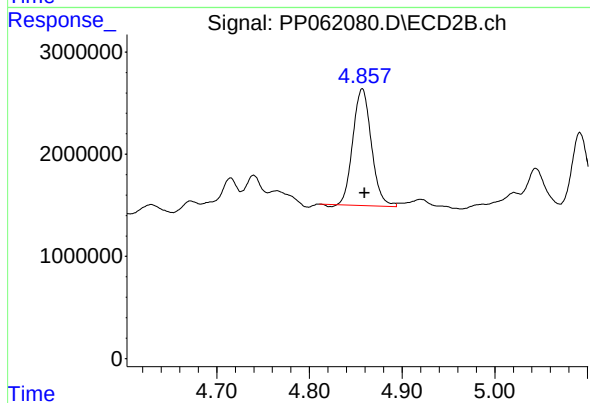
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.111 min
Response: 0
Conc: N.D.



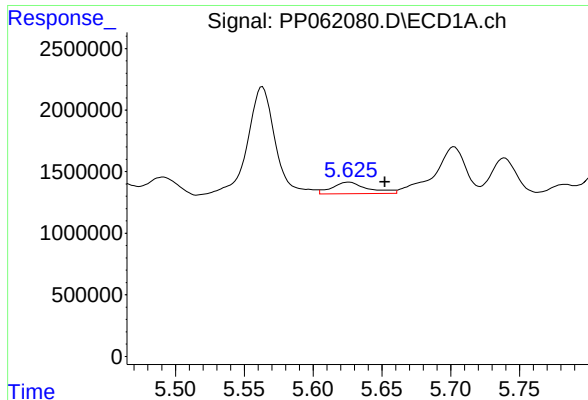
#12 AR-1232-2

R.T.: 5.339 min
Delta R.T.: -0.020 min
Response: 935826
Conc: 46.98 ng/ml



#12 AR-1232-2

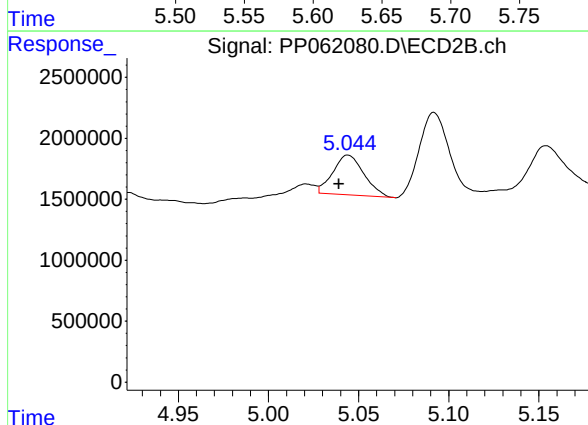
R.T.: 4.857 min
Delta R.T.: -0.002 min
Response: 15799837
Conc: 383.87 ng/ml



#13 AR-1232-3

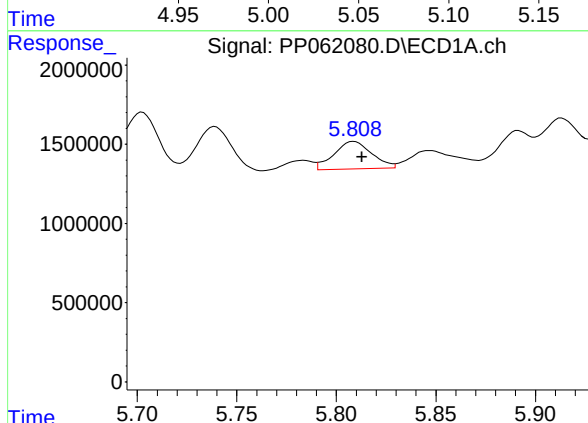
R.T.: 5.626 min
Delta R.T.: -0.026 min
Response: 1738759
Conc: 51.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



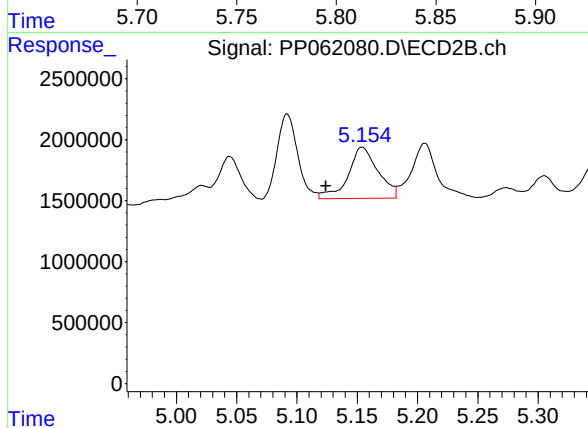
#13 AR-1232-3

R.T.: 5.044 min
Delta R.T.: 0.005 min
Response: 3922941
Conc: 173.17 ng/ml



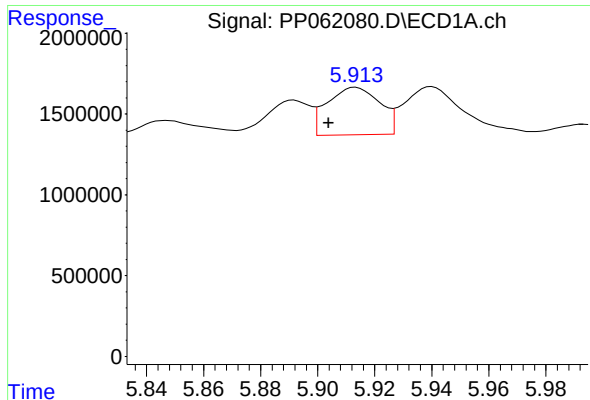
#14 AR-1232-4

R.T.: 5.809 min
Delta R.T.: -0.004 min
Response: 2299941
Conc: 136.13 ng/ml



#14 AR-1232-4

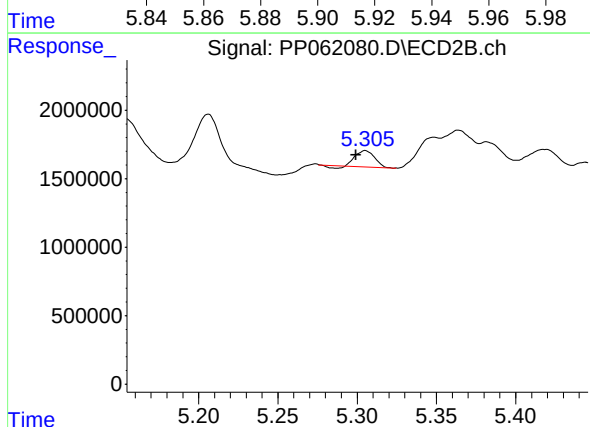
R.T.: 5.154 min
Delta R.T.: 0.030 min
Response: 7266115
Conc: 318.18 ng/ml



#15 AR-1232-5

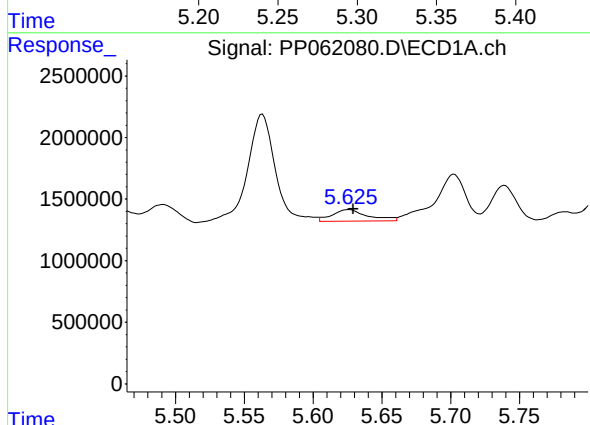
R.T.: 5.913 min
Delta R.T.: 0.009 min
Response: 3772163
Conc: 250.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



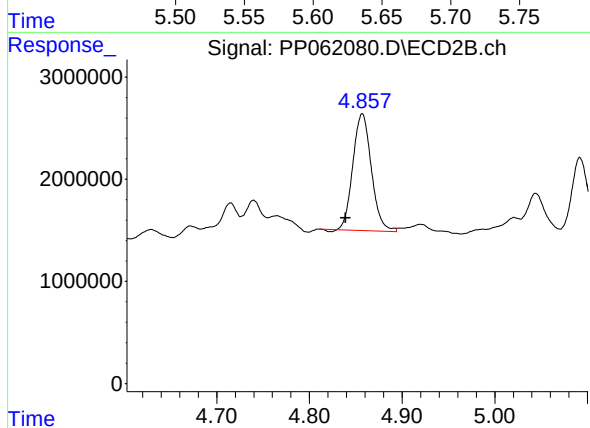
#15 AR-1232-5

R.T.: 5.305 min
Delta R.T.: 0.006 min
Response: 937243
Conc: 36.83 ng/ml



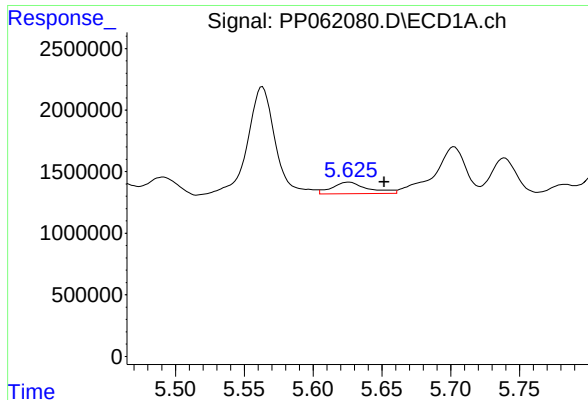
#16 AR-1242-1

R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 1738759
Conc: 43.75 ng/ml



#16 AR-1242-1

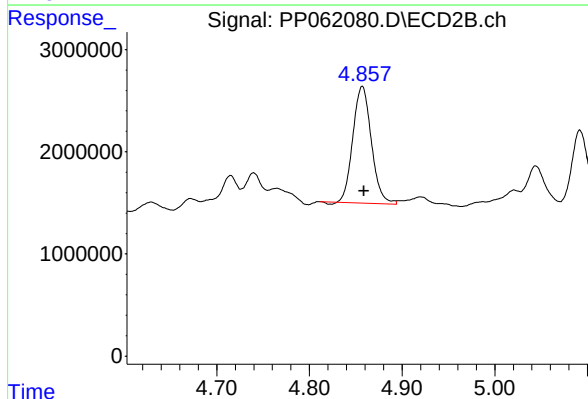
R.T.: 4.857 min
Delta R.T.: 0.018 min
Response: 15799837
Conc: 298.19 ng/ml



#17 AR-1242-2

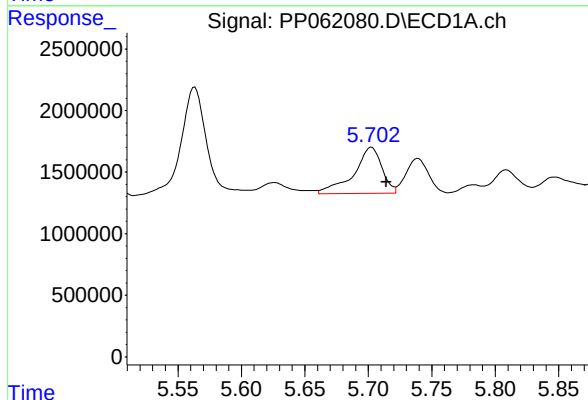
R.T.: 5.626 min
Delta R.T.: -0.026 min
Response: 1738759
Conc: 29.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



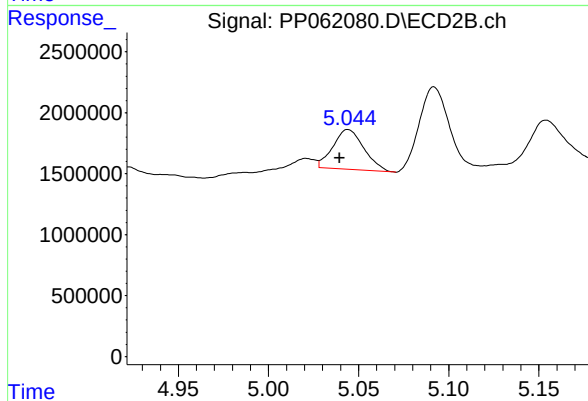
#17 AR-1242-2

R.T.: 4.857 min
Delta R.T.: -0.002 min
Response: 15799837
Conc: 216.99 ng/ml



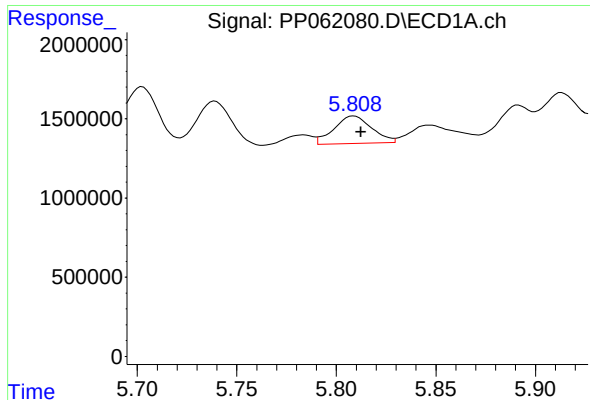
#18 AR-1242-3

R.T.: 5.702 min
Delta R.T.: -0.012 min
Response: 5818114
Conc: 148.79 ng/ml



#18 AR-1242-3

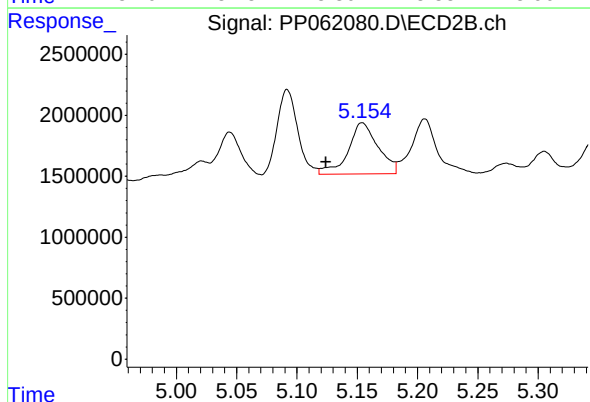
R.T.: 5.044 min
Delta R.T.: 0.005 min
Response: 3922941
Conc: 96.80 ng/ml



#19 AR-1242-4

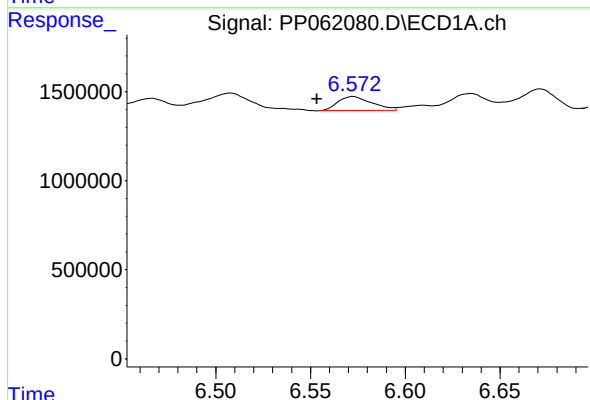
R.T.: 5.809 min
Delta R.T.: -0.004 min
Response: 2299941
Conc: 75.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



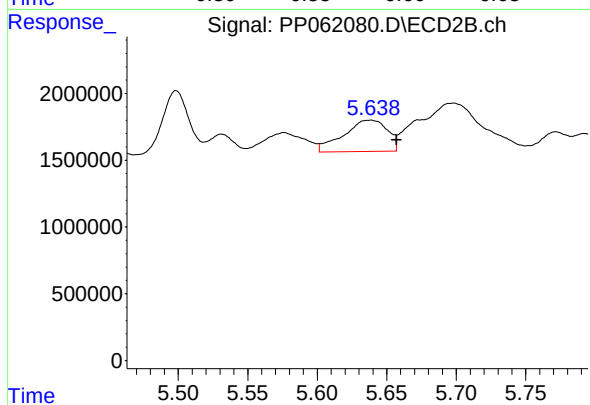
#19 AR-1242-4

R.T.: 5.154 min
Delta R.T.: 0.030 min
Response: 7266115
Conc: 160.99 ng/ml



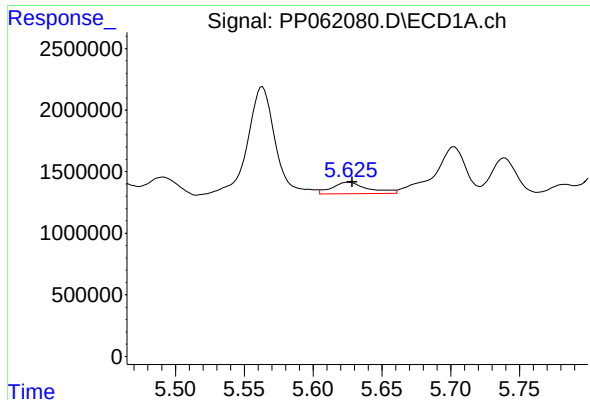
#20 AR-1242-5

R.T.: 6.573 min
Delta R.T.: 0.019 min
Response: 994190
Conc: 33.16 ng/ml



#20 AR-1242-5

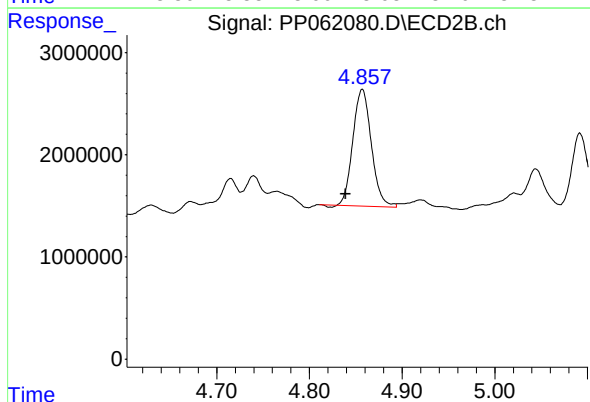
R.T.: 5.638 min
Delta R.T.: -0.019 min
Response: 5148114
Conc: 98.38 ng/ml



#21 AR-1248-1

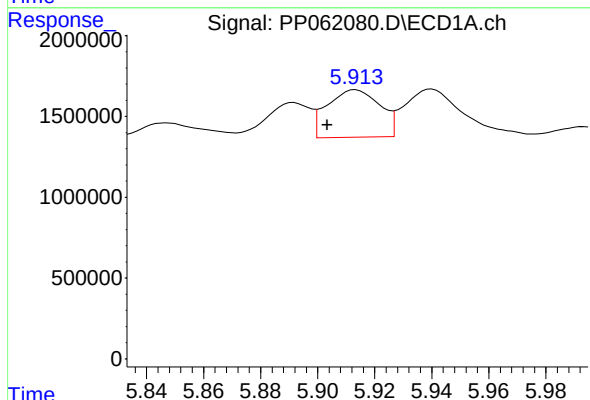
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 1738759
Conc: 56.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



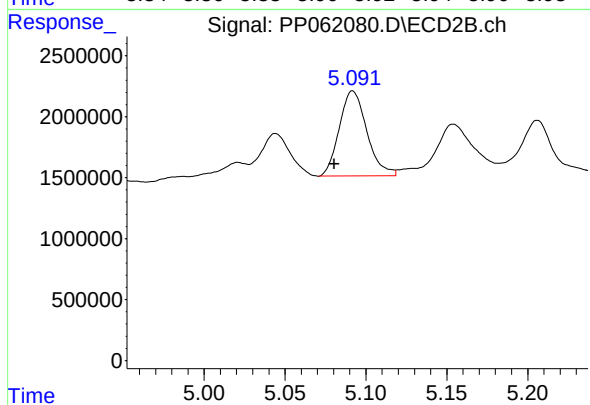
#21 AR-1248-1

R.T.: 4.857 min
Delta R.T.: 0.018 min
Response: 15799837
Conc: 395.76 ng/ml



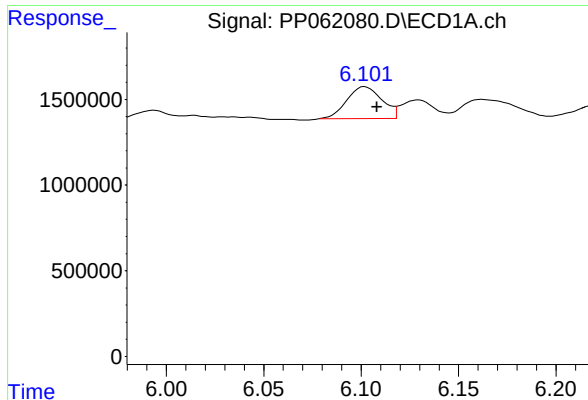
#22 AR-1248-2

R.T.: 5.913 min
Delta R.T.: 0.010 min
Response: 3772163
Conc: 77.11 ng/ml



#22 AR-1248-2

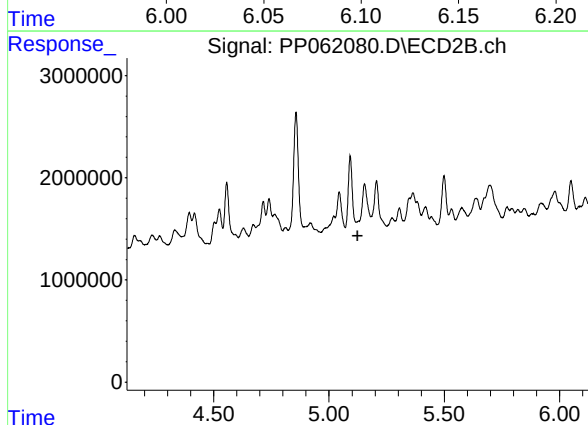
R.T.: 5.092 min
Delta R.T.: 0.011 min
Response: 8289289
Conc: 131.24 ng/ml



#23 AR-1248-3

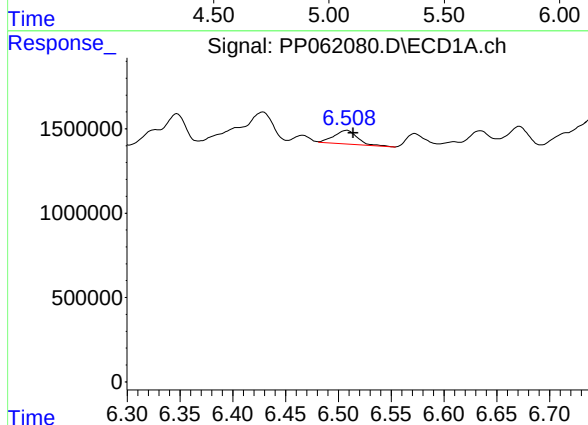
R.T.: 6.102 min
Delta R.T.: -0.006 min
Response: 2333764
Conc: 44.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



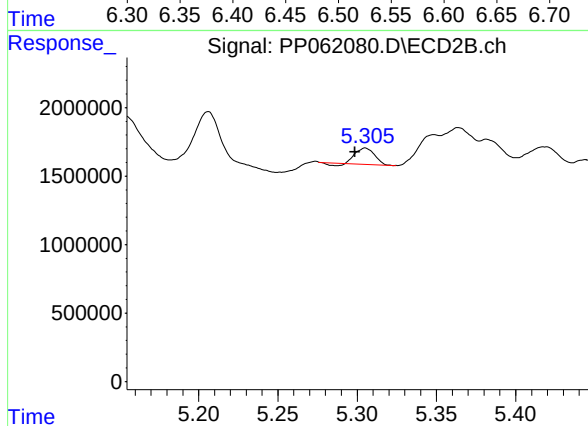
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.123 min
Response: 0
Conc: N.D.



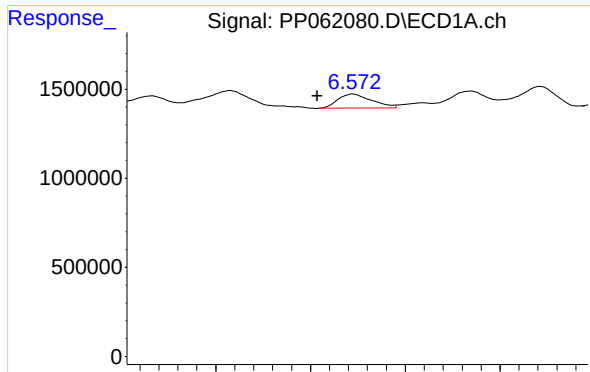
#24 AR-1248-4

R.T.: 6.508 min
Delta R.T.: -0.007 min
Response: 1245311
Conc: 24.57 ng/ml



#24 AR-1248-4

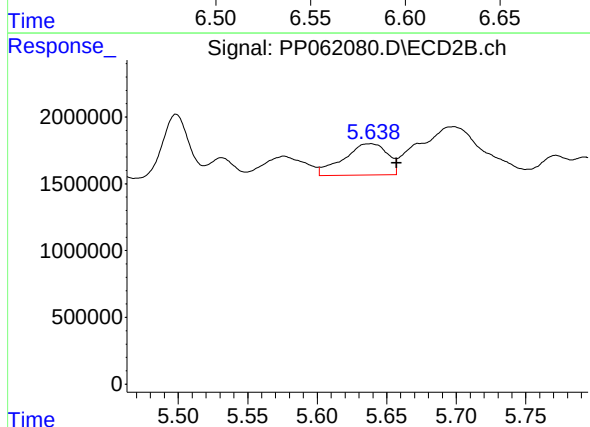
R.T.: 5.305 min
Delta R.T.: 0.007 min
Response: 937243
Conc: 12.18 ng/ml



#25 AR-1248-5

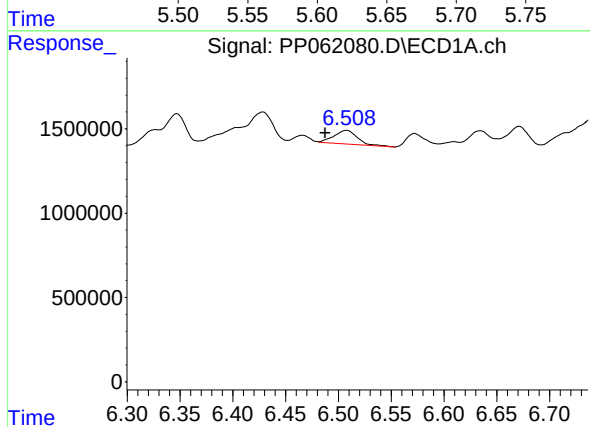
R.T.: 6.573 min
Delta R.T.: 0.019 min
Response: 994190
Conc: 19.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



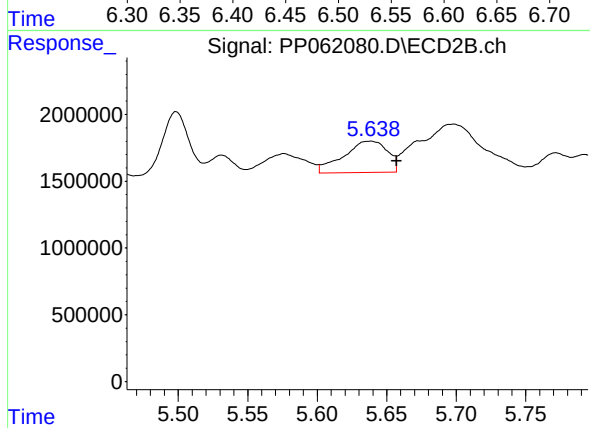
#25 AR-1248-5

R.T.: 5.638 min
Delta R.T.: -0.019 min
Response: 5148114
Conc: 51.52 ng/ml



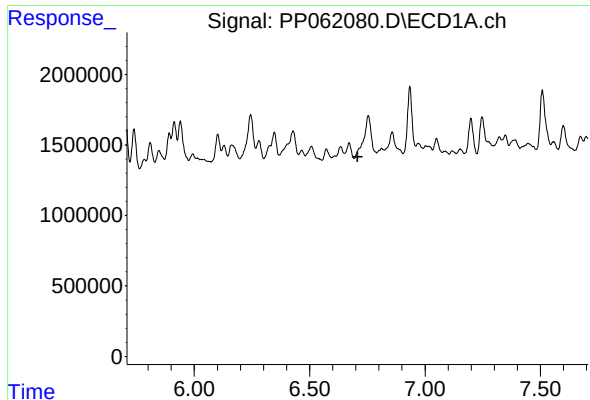
#26 AR-1254-1

R.T.: 6.508 min
Delta R.T.: 0.020 min
Response: 1245311
Conc: 22.20 ng/ml



#26 AR-1254-1

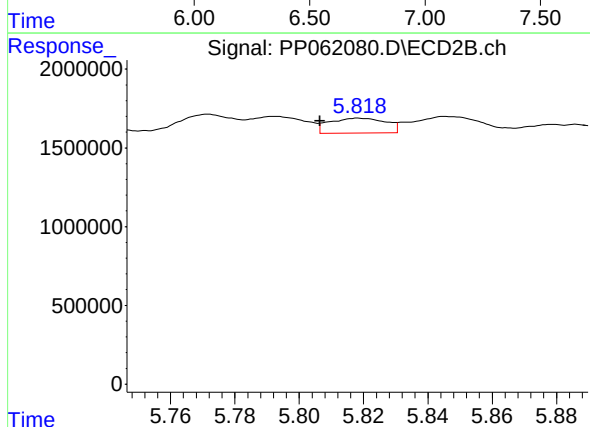
R.T.: 5.638 min
Delta R.T.: -0.019 min
Response: 5148114
Conc: 47.28 ng/ml



#27 AR-1254-2

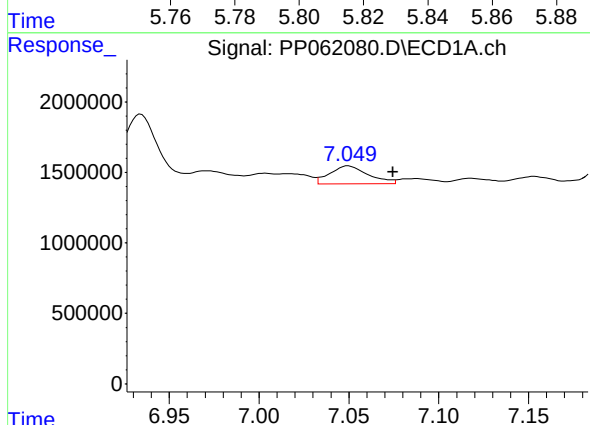
R.T.: 0.000 min
Exp R.T.: 6.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



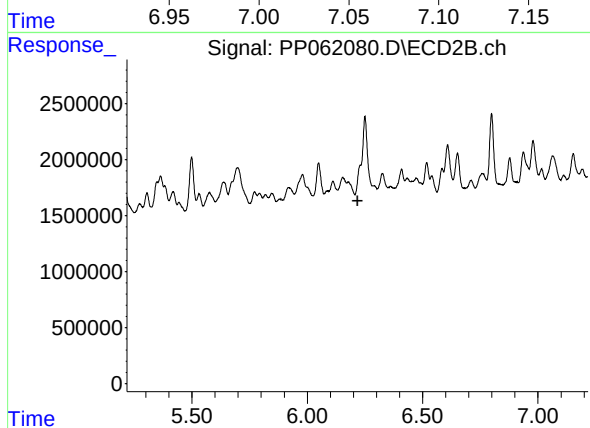
#27 AR-1254-2

R.T.: 5.819 min
Delta R.T.: 0.012 min
Response: 1158678
Conc: 11.54 ng/ml



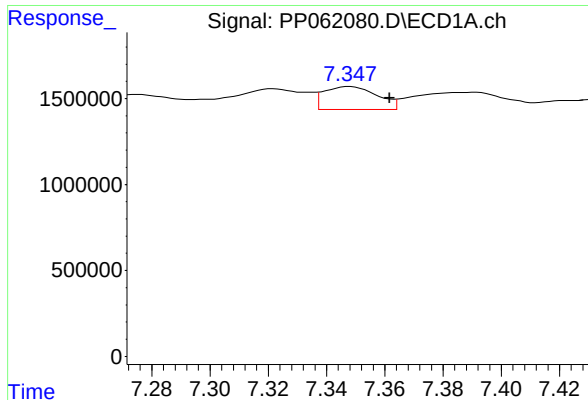
#28 AR-1254-3

R.T.: 7.050 min
Delta R.T.: -0.025 min
Response: 1875419
Conc: 22.67 ng/ml



#28 AR-1254-3

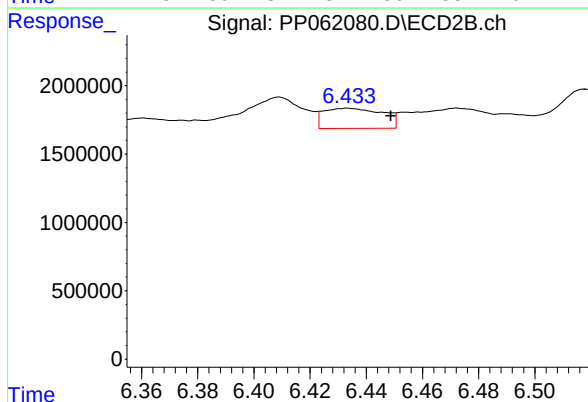
R.T.: 0.000 min
Exp R.T.: 6.217 min
Response: 0
Conc: N.D.



#29 AR-1254-4

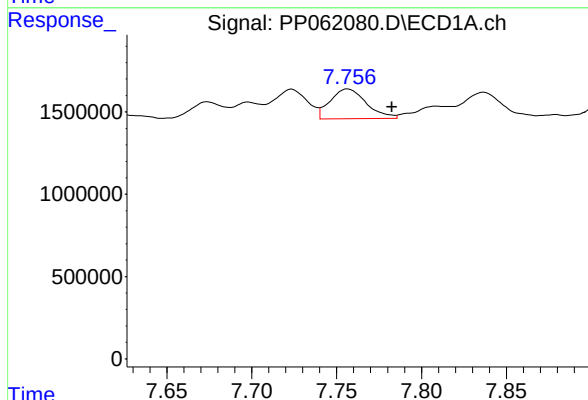
R.T.: 7.348 min
Delta R.T.: -0.014 min
Response: 1691255
Conc: 32.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



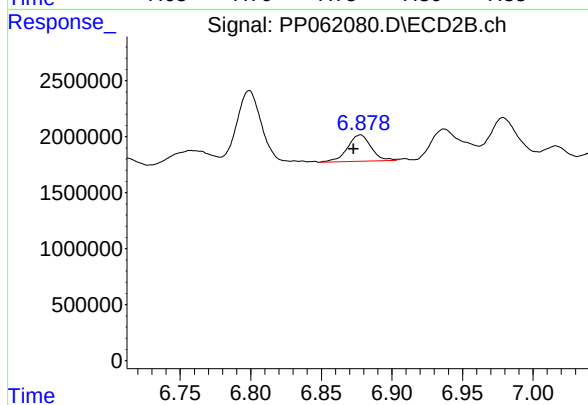
#29 AR-1254-4

R.T.: 6.433 min
Delta R.T.: -0.016 min
Response: 2153208
Conc: 27.09 ng/ml



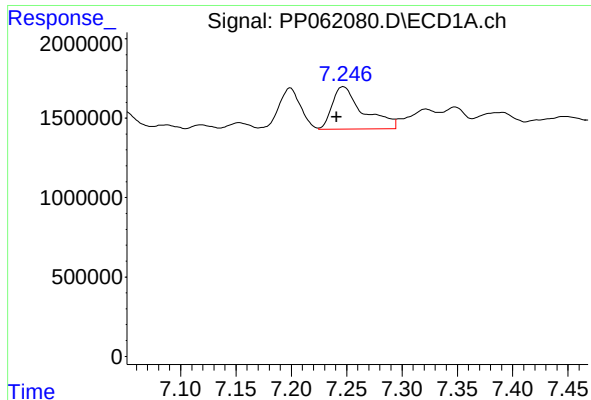
#30 AR-1254-5

R.T.: 7.757 min
Delta R.T.: -0.026 min
Response: 2700575
Conc: 42.40 ng/ml



#30 AR-1254-5

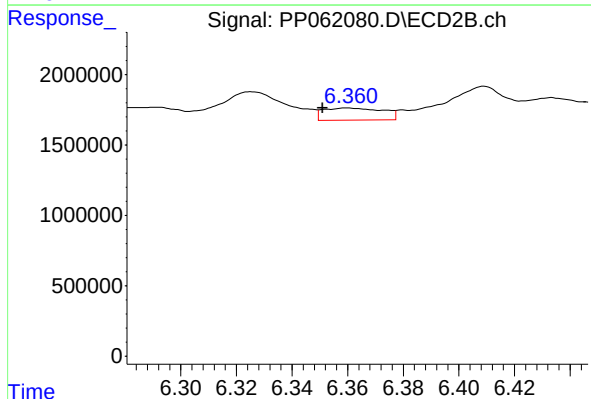
R.T.: 6.878 min
Delta R.T.: 0.005 min
Response: 2727291
Conc: 19.33 ng/ml



#31 AR-1260-1

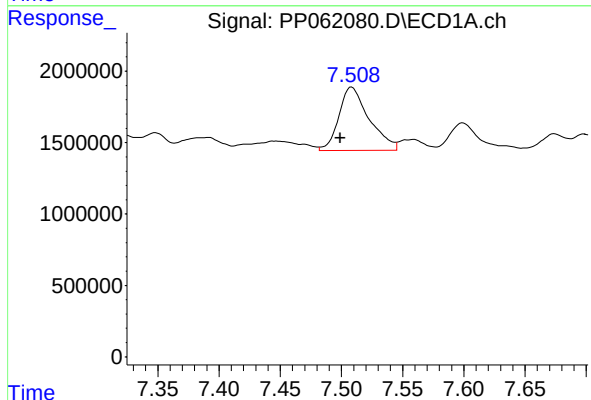
R.T.: 7.247 min
Delta R.T.: 0.006 min
Response: 5202298
Conc: 76.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



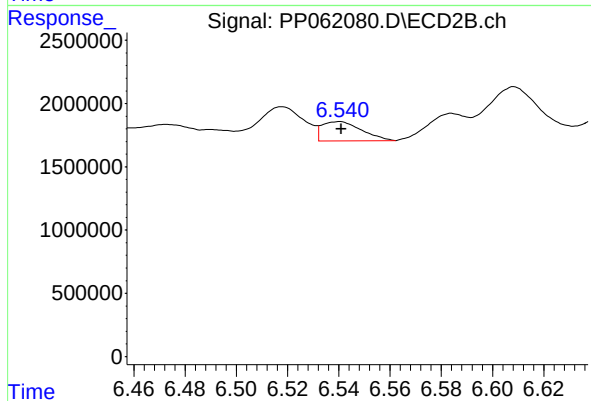
#31 AR-1260-1

R.T.: 6.360 min
Delta R.T.: 0.009 min
Response: 1272737
Conc: 10.94 ng/ml



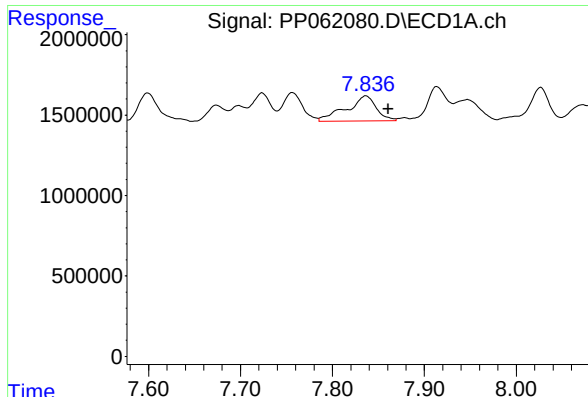
#32 AR-1260-2

R.T.: 7.508 min
Delta R.T.: 0.009 min
Response: 7636204
Conc: 101.38 ng/ml



#32 AR-1260-2

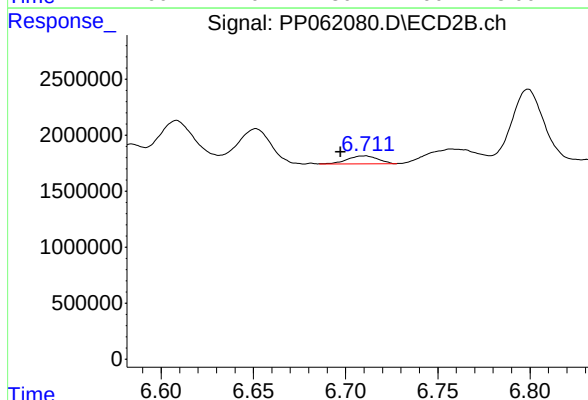
R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 1647526
Conc: 12.09 ng/ml



#33 AR-1260-3

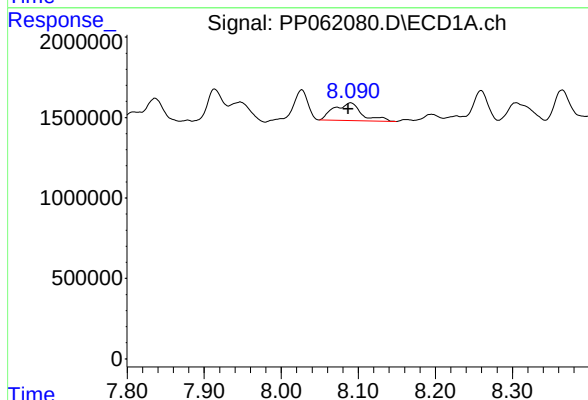
R.T.: 7.837 min
Delta R.T.: -0.024 min
Response: 3567741
Conc: 68.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



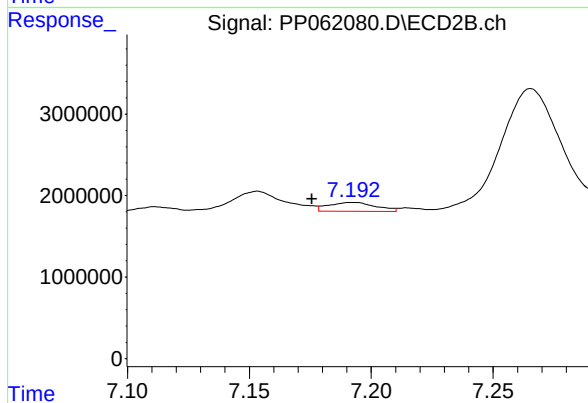
#33 AR-1260-3

R.T.: 6.710 min
Delta R.T.: 0.013 min
Response: 798576
Conc: 6.10 ng/ml



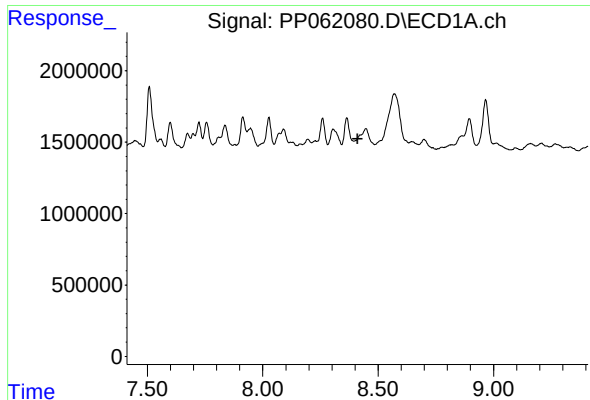
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: 0.003 min
Response: 2747930
Conc: 45.03 ng/ml



#34 AR-1260-4

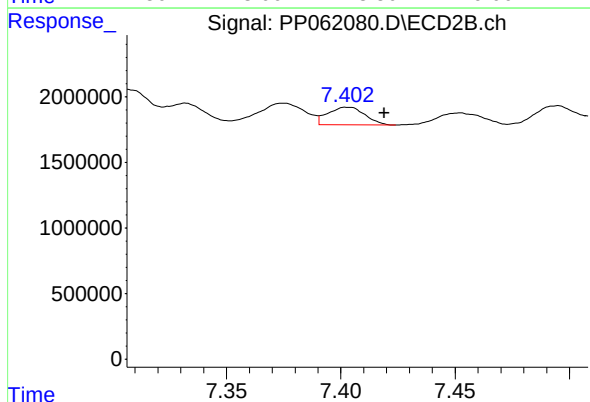
R.T.: 7.193 min
Delta R.T.: 0.017 min
Response: 1451209
Conc: 14.72 ng/ml



#35 AR-1260-5

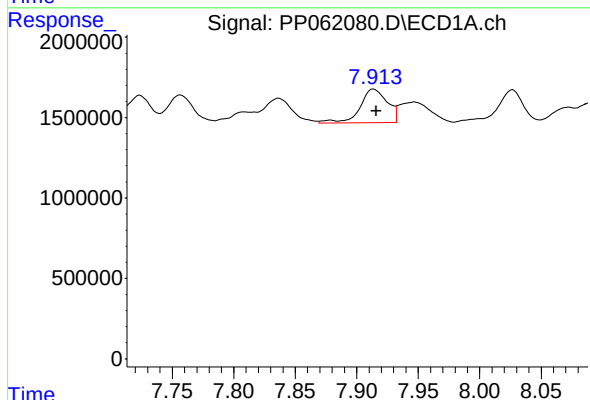
R.T.: 0.000 min
Exp R.T.: 8.410 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



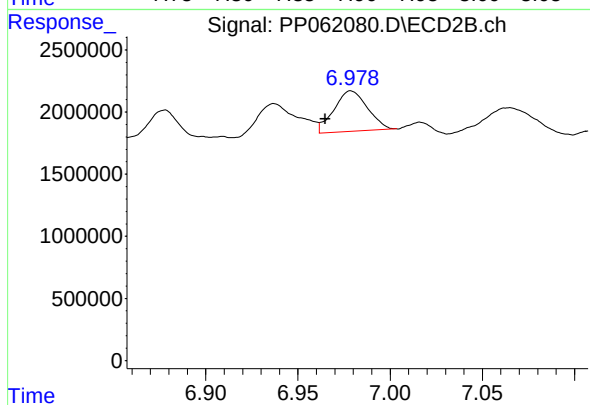
#35 AR-1260-5

R.T.: 7.403 min
Delta R.T.: -0.016 min
Response: 1500516
Conc: 7.01 ng/ml



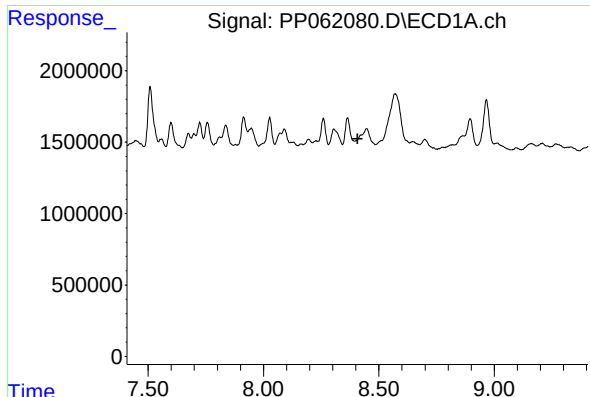
#36 AR-1262-1

R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 3241927
Conc: 91.61 ng/ml



#36 AR-1262-1

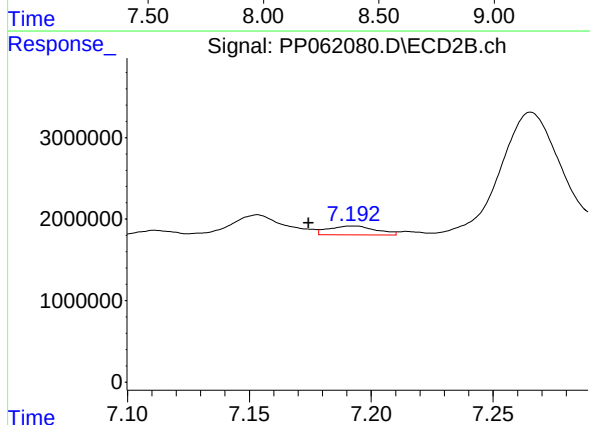
R.T.: 6.979 min
Delta R.T.: 0.014 min
Response: 4107789
Conc: 64.66 ng/ml



#37 AR-1262-2

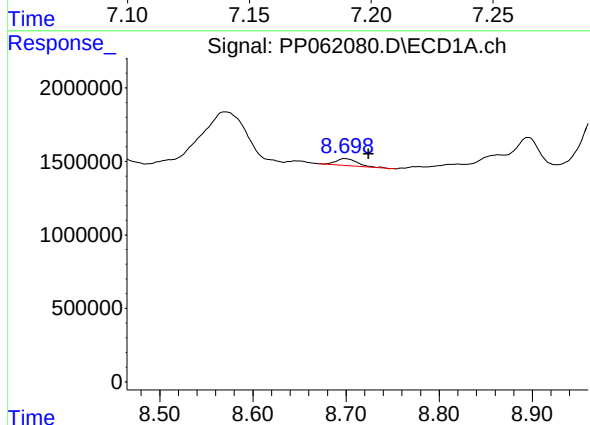
R.T.: 0.000 min
Exp R.T.: 8.408 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



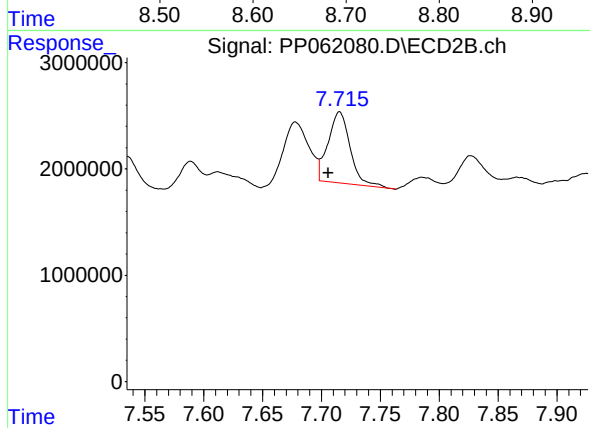
#37 AR-1262-2

R.T.: 7.193 min
Delta R.T.: 0.018 min
Response: 1451209
Conc: 10.74 ng/ml



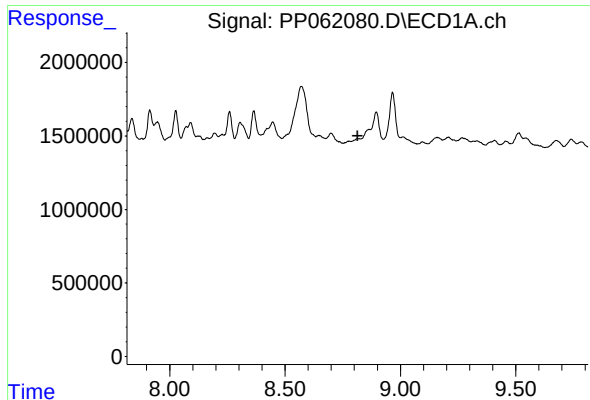
#38 AR-1262-3

R.T.: 8.699 min
Delta R.T.: -0.025 min
Response: 731914
Conc: 8.36 ng/ml



#38 AR-1262-3

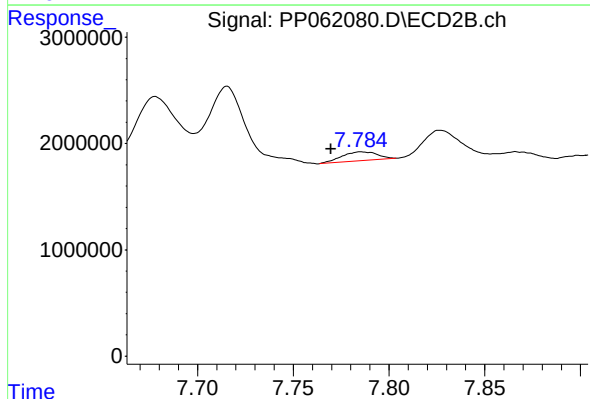
R.T.: 7.715 min
Delta R.T.: 0.009 min
Response: 8772414
Conc: 83.85 ng/ml



#39 AR-1262-4

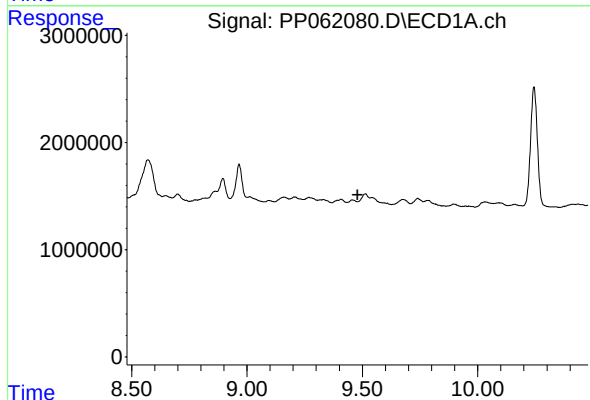
R.T.: 0.000 min
Exp R.T.: 8.815 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



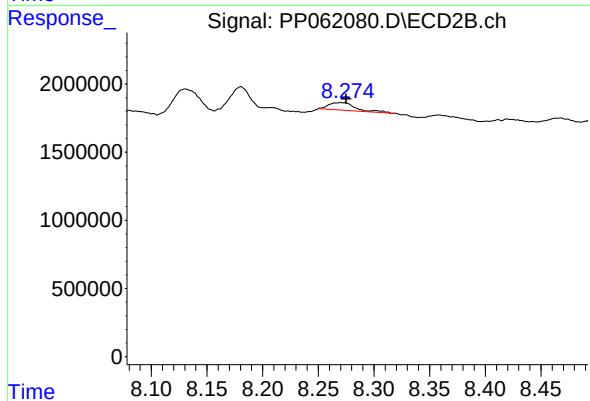
#39 AR-1262-4

R.T.: 7.785 min
Delta R.T.: 0.016 min
Response: 1064604
Conc: 5.91 ng/ml



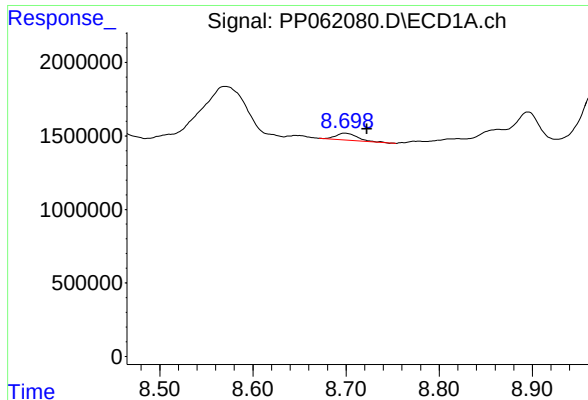
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.479 min
Response: 0
Conc: N.D.



#40 AR-1262-5

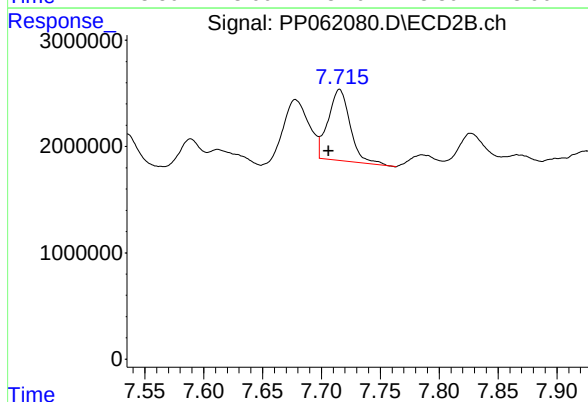
R.T.: 8.271 min
Delta R.T.: -0.004 min
Response: 895286
Conc: 11.72 ng/ml



#41 AR-1268-1

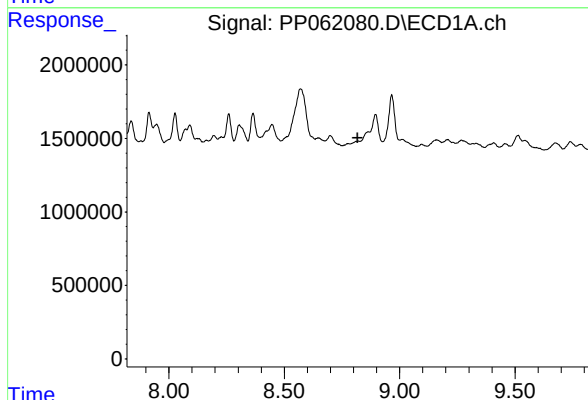
R.T.: 8.699 min
Delta R.T.: -0.023 min
Response: 731914
Conc: 4.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



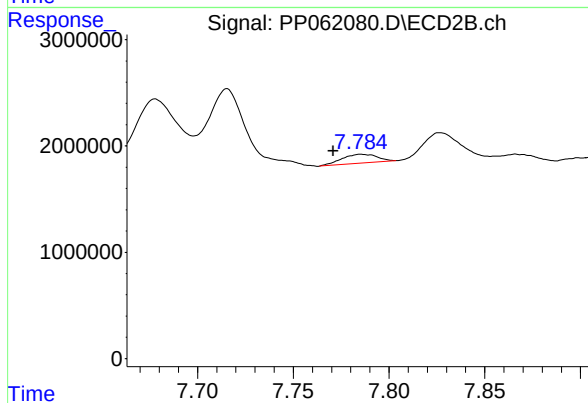
#41 AR-1268-1

R.T.: 7.715 min
Delta R.T.: 0.009 min
Response: 8772414
Conc: 29.25 ng/ml



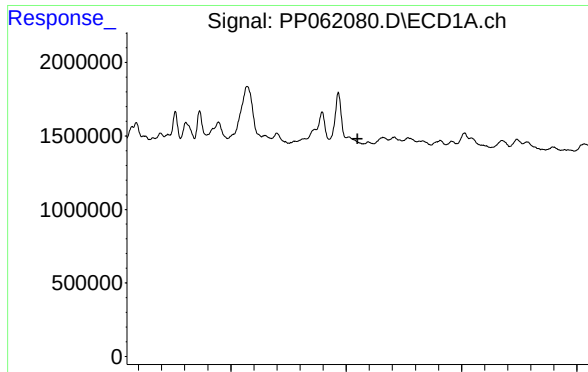
#42 AR-1268-2

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



#42 AR-1268-2

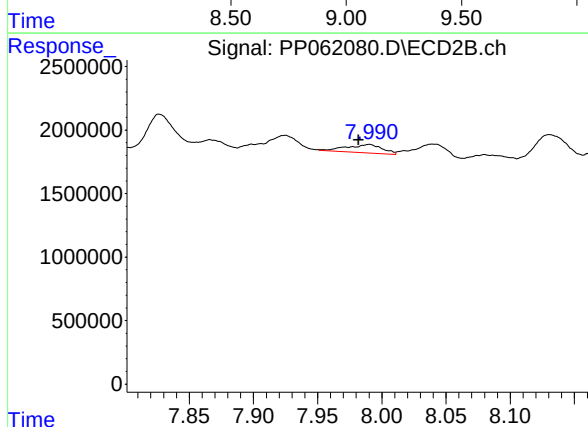
R.T.: 7.785 min
Delta R.T.: 0.015 min
Response: 1064604
Conc: 4.01 ng/ml



#43 AR-1268-3

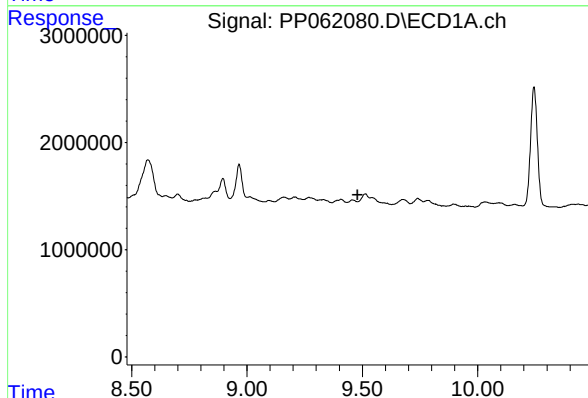
R.T.: 0.000 min
Exp R.T.: 9.049 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



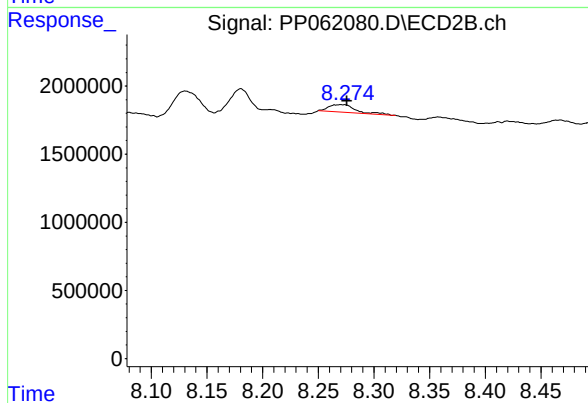
#43 AR-1268-3

R.T.: 7.990 min
Delta R.T.: 0.008 min
Response: 1303908
Conc: 5.37 ng/ml



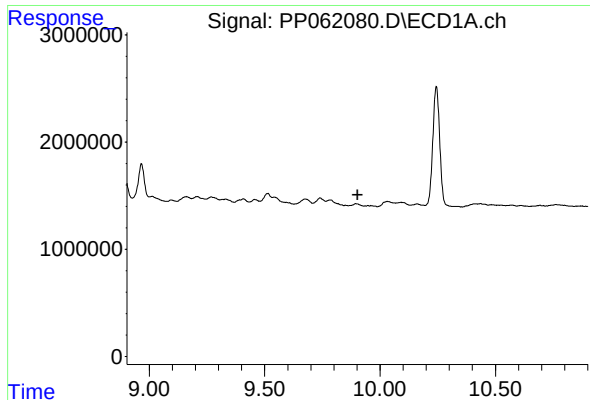
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.479 min
Response: 0
Conc: N.D.



#44 AR-1268-4

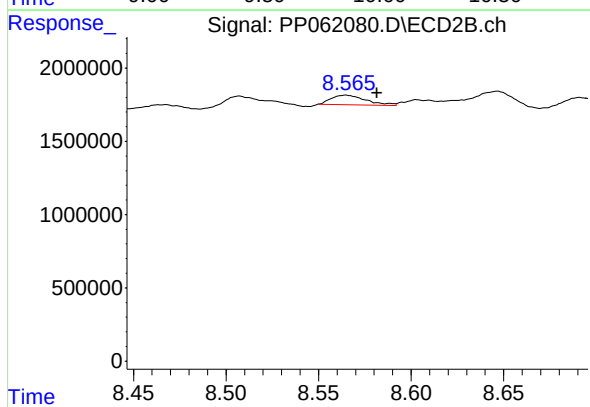
R.T.: 8.271 min
Delta R.T.: -0.005 min
Response: 895286
Conc: 10.37 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.903 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.565 min
Delta R.T.: -0.017 min
Response: 851001
Conc: 1.23 ng/ml