

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120623\
 Data File : PP062229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2023 19:09
 Operator : YP\AJ
 Sample : 05635-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 00:25:19 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...	4.458	3.736	23015941	27234929	17.483	15.136
2) SA Decachlor...	10.240	8.844	22385554	39144032	21.691	18.966
Target Compounds						
3) L1 AR-1016-1	5.639	4.869f	392508	3019682	7.921	45.583 #
4) L1 AR-1016-2	5.664	4.869	582443	3019682	7.808	32.687 #
5) L1 AR-1016-3	5.725	5.050	986081	835297	20.037	16.466
6) L1 AR-1016-4	5.820	5.098f	423955	1383174	11.154	30.358 #
7) L1 AR-1016-5	0.000	5.310	0	588951	N.D.	10.188 #
8) L2 AR-1221-1	4.673	0.000	660572	0	37.016	N.D. #
9) L2 AR-1221-2	4.767f	4.023	499058	508372	37.421	26.726 #
12) L3 AR-1232-2	0.000	4.869	0	3019682	N.D.	73.366 #
13) L3 AR-1232-3	5.664	5.050	582443	835297	17.156	36.871 #
14) L3 AR-1232-4	5.820	5.138	423955	554609	25.094	24.286
15) L3 AR-1232-5	5.916	5.310	1049740	588951	69.655	23.143 #
16) L4 AR-1242-1	5.639	0.000	392508	0	9.876	N.D. #
17) L4 AR-1242-2	5.664	4.869	582443	3019682	9.797	41.472 #
18) L4 AR-1242-3	5.725	5.050	986081	835297	25.218	20.612
19) L4 AR-1242-4	5.820	5.138	423955	554609	13.980	12.288
20) L4 AR-1242-5	6.563	5.667	735665	2381588	24.537	45.511 #
21) L5 AR-1248-1	5.639	0.000	392508	0	12.846	N.D. #
22) L5 AR-1248-2	5.916	5.098f	1049740	1383174	21.458	21.899
23) L5 AR-1248-3	0.000	5.138	0	554609	N.D.	8.456 #
24) L5 AR-1248-4	6.498f	5.310	2131418	588951	42.051	7.651 #
25) L5 AR-1248-5	6.563	5.667	735665	2381588	14.236	23.832 #
26) L6 AR-1254-1	6.498	5.667	2131418	2381588	37.991	21.873 #
27) L6 AR-1254-2	6.717	5.817	1599904	2159340	19.188	21.515
28) L6 AR-1254-3	7.080	6.237f	1482647	4826035	17.922	30.892 #
29) L6 AR-1254-4	7.364	6.452	800381	965004	15.263	12.141
30) L6 AR-1254-5	7.784	6.874	2915380	4178200	45.767	29.606 #
31) L7 AR-1260-1	7.245	6.354	2091497	3420716	30.618	29.393
32) L7 AR-1260-2	7.503	6.543	2451258	3706622	32.544	27.204
33) L7 AR-1260-3	7.861	6.707	2183537	23052653	42.148	176.187 #
34) L7 AR-1260-4	8.089	7.174	2999011	2742418	49.142	27.809 #
35) L7 AR-1260-5	8.409	7.416	3061376	5484277	30.529	25.612
36) L8 AR-1262-1	7.921	6.977	674688	5526653	19.066	86.998 #
37) L8 AR-1262-2	8.409	7.174	3061376	2742418	25.817	20.303
38) L8 AR-1262-3	8.737	7.703	2360039	940127	26.945	8.986 #
39) L8 AR-1262-4	8.796f	7.767	1448894	5227990	19.240	29.004 #
40) L8 AR-1262-5	9.477	8.270	742165	1259344	17.257	16.485
41) L9 AR-1268-1	8.737	7.703	2360039	940127	15.673	3.134 #
42) L9 AR-1268-2	8.796f	7.767	1448894	5227990	10.313	19.701 #
43) L9 AR-1268-3	0.000	7.995	0	781049	N.D.	3.215 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120623\
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 00:25:19 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

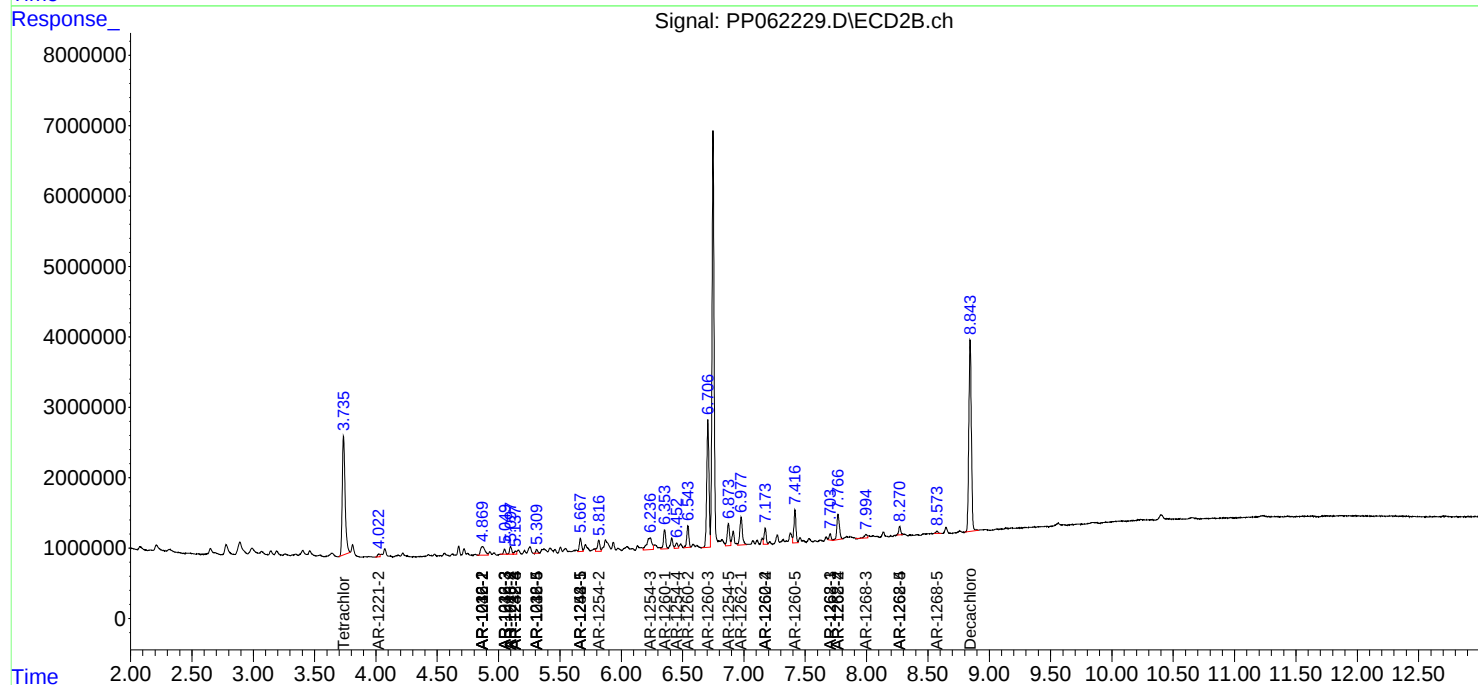
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

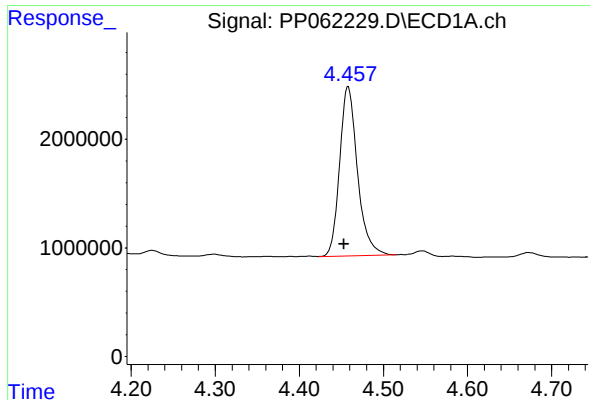
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.477	8.270	742165	1259344	16.439	14.586
45) L9	AR-1268-5	0.000	8.574	0	407064	N.D.	0.589 #

(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

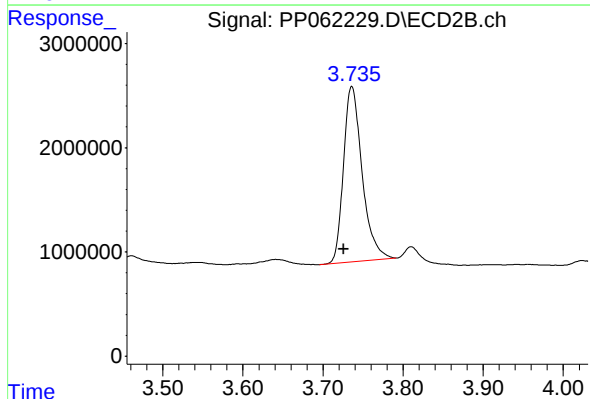




#1 Tetrachloro-m-xylene

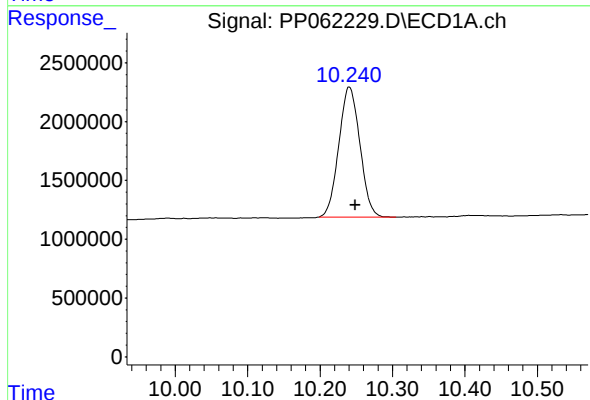
R.T.: 4.458 min
Delta R.T.: 0.005 min
Response: 23015941
Conc: 17.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



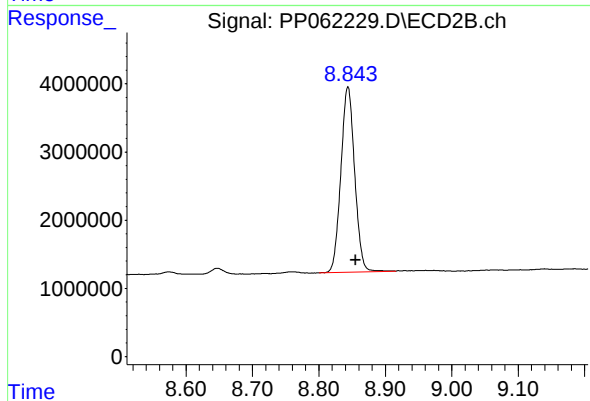
#1 Tetrachloro-m-xylene

R.T.: 3.736 min
Delta R.T.: 0.010 min
Response: 27234929
Conc: 15.14 ng/ml



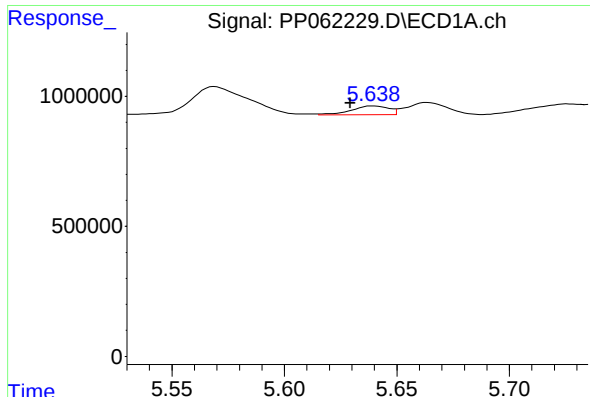
#2 Decachlorobiphenyl

R.T.: 10.240 min
Delta R.T.: -0.008 min
Response: 22385554
Conc: 21.69 ng/ml



#2 Decachlorobiphenyl

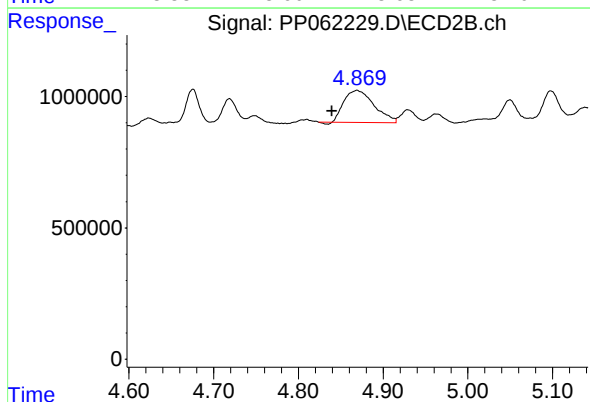
R.T.: 8.844 min
Delta R.T.: -0.012 min
Response: 39144032
Conc: 18.97 ng/ml



#3 AR-1016-1

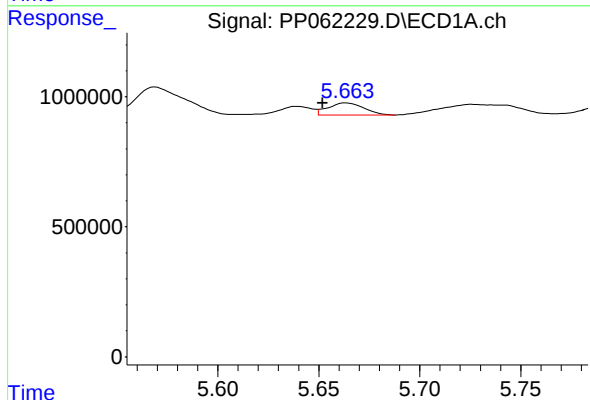
R.T.: 5.639 min
Delta R.T.: 0.010 min
Response: 392508
Conc: 7.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



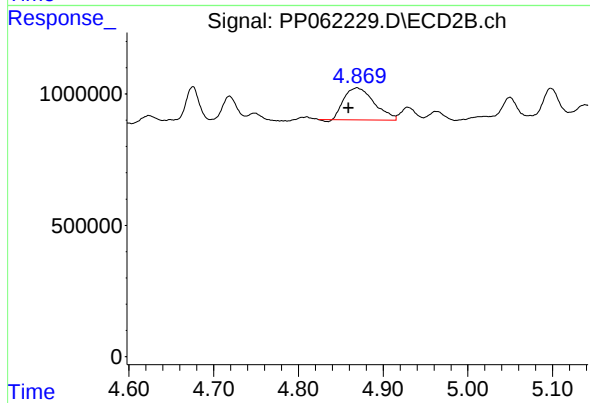
#3 AR-1016-1

R.T.: 4.869 min
Delta R.T.: 0.030 min
Response: 3019682
Conc: 45.58 ng/ml



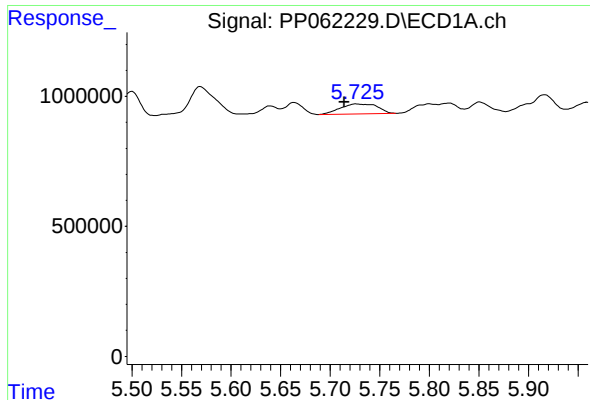
#4 AR-1016-2

R.T.: 5.664 min
Delta R.T.: 0.012 min
Response: 582443
Conc: 7.81 ng/ml



#4 AR-1016-2

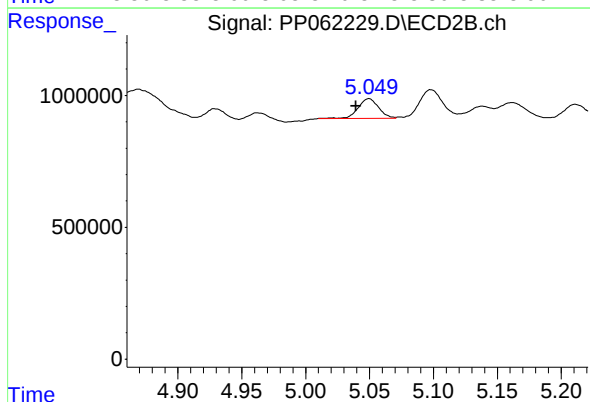
R.T.: 4.869 min
Delta R.T.: 0.010 min
Response: 3019682
Conc: 32.69 ng/ml



#5 AR-1016-3

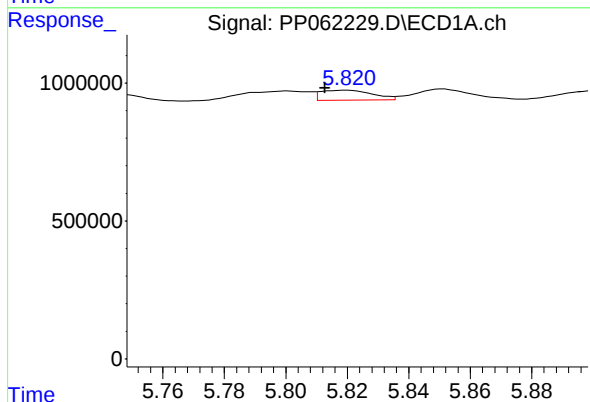
R.T.: 5.725 min
Delta R.T.: 0.011 min
Response: 986081
Conc: 20.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



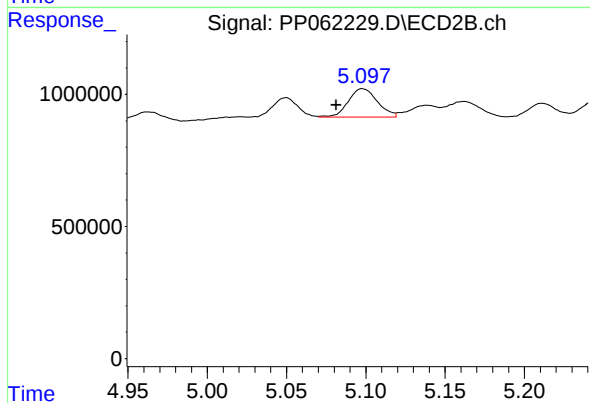
#5 AR-1016-3

R.T.: 5.050 min
Delta R.T.: 0.011 min
Response: 835297
Conc: 16.47 ng/ml



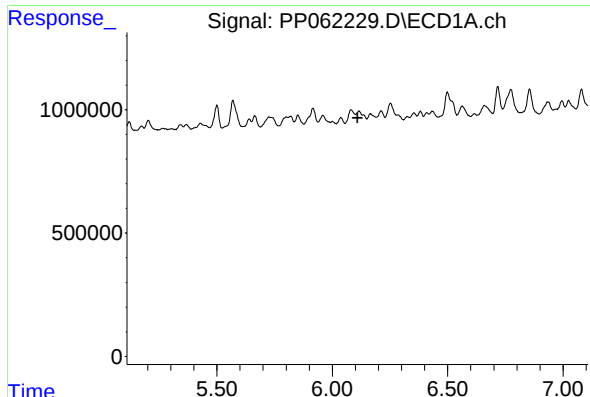
#6 AR-1016-4

R.T.: 5.820 min
Delta R.T.: 0.007 min
Response: 423955
Conc: 11.15 ng/ml



#6 AR-1016-4

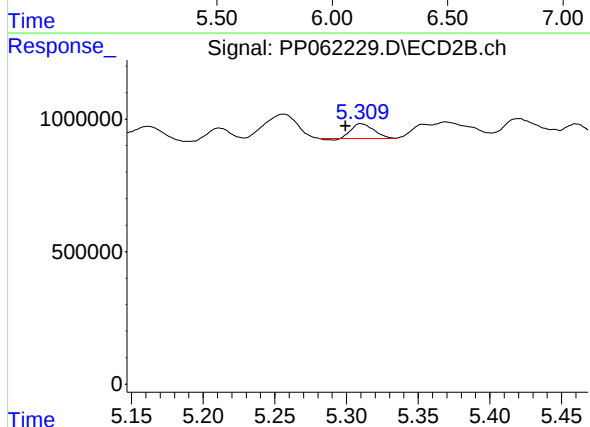
R.T.: 5.098 min
Delta R.T.: 0.016 min
Response: 1383174
Conc: 30.36 ng/ml



#7 AR-1016-5

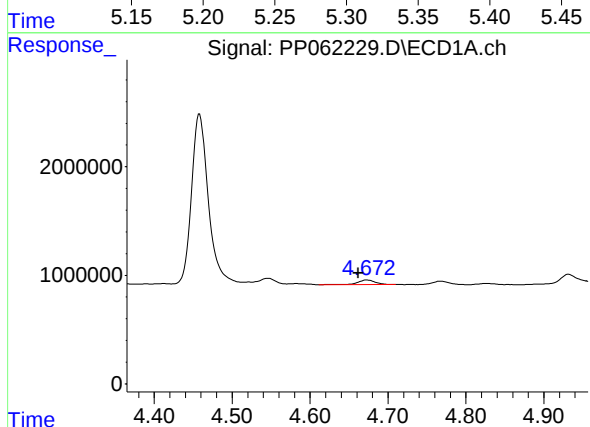
R.T.: 0.000 min
Exp R.T.: 6.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



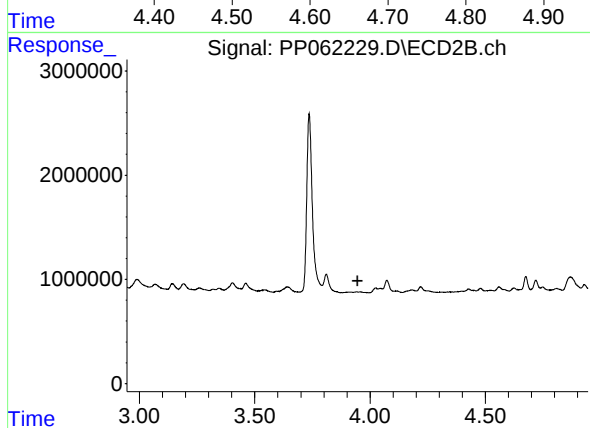
#7 AR-1016-5

R.T.: 5.310 min
Delta R.T.: 0.010 min
Response: 588951
Conc: 10.19 ng/ml



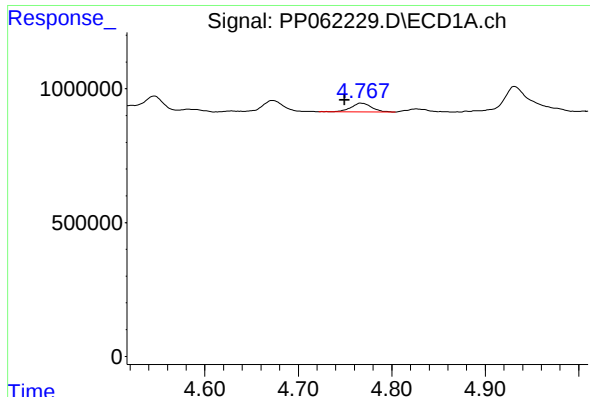
#8 AR-1221-1

R.T.: 4.673 min
Delta R.T.: 0.010 min
Response: 660572
Conc: 37.02 ng/ml



#8 AR-1221-1

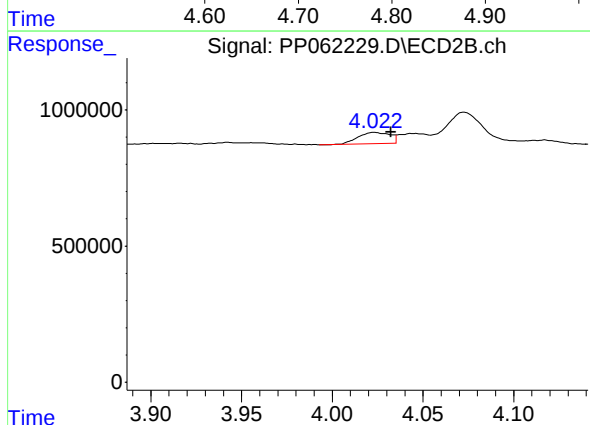
R.T.: 0.000 min
Exp R.T.: 3.945 min
Response: 0
Conc: N.D.



#9 AR-1221-2

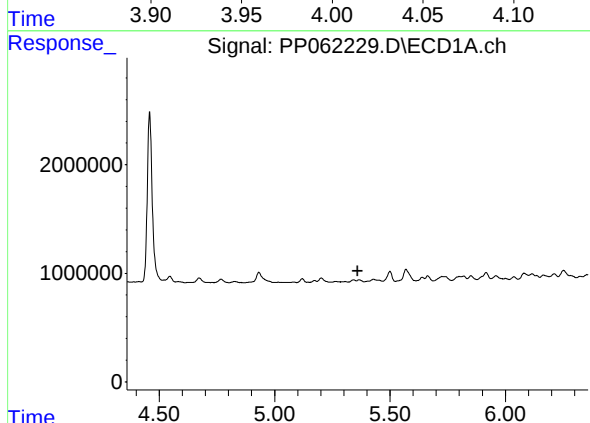
R.T.: 4.767 min
Delta R.T.: 0.018 min
Response: 499058
Conc: 37.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



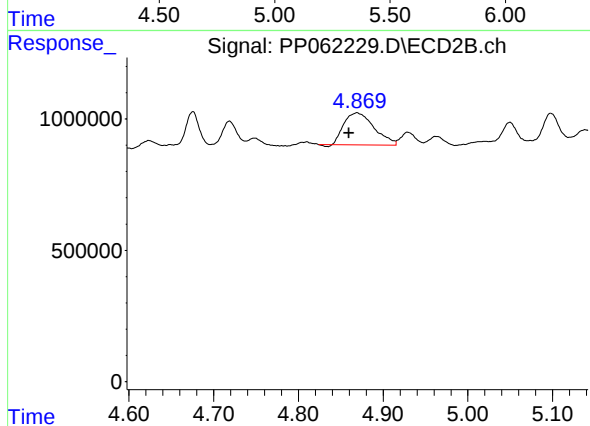
#9 AR-1221-2

R.T.: 4.023 min
Delta R.T.: -0.009 min
Response: 508372
Conc: 26.73 ng/ml



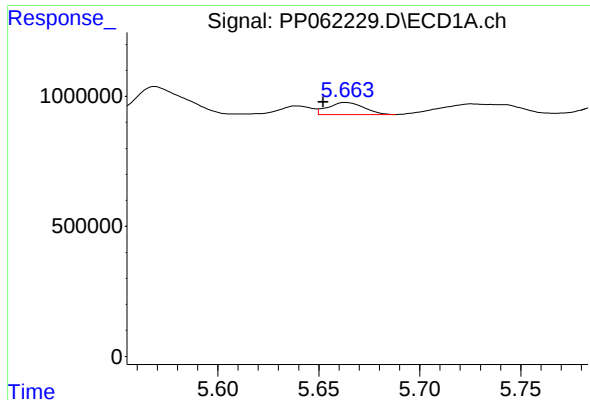
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.359 min
Response: 0
Conc: N.D.



#12 AR-1232-2

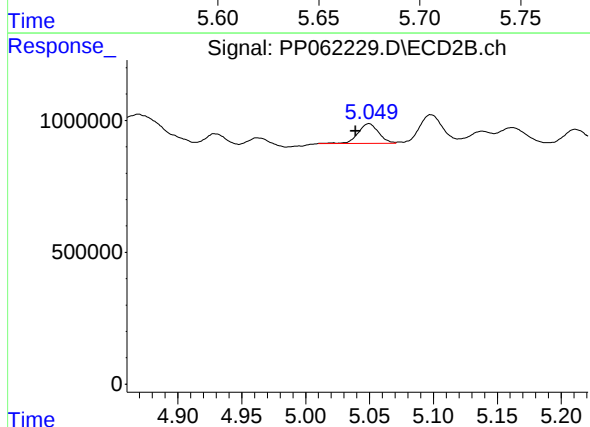
R.T.: 4.869 min
Delta R.T.: 0.010 min
Response: 3019682
Conc: 73.37 ng/ml



#13 AR-1232-3

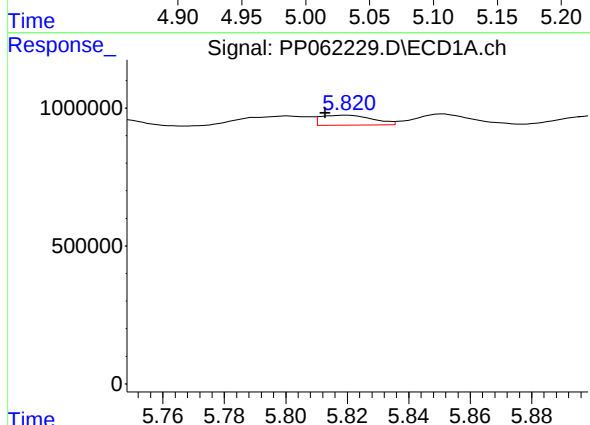
R.T.: 5.664 min
Delta R.T.: 0.012 min
Response: 582443
Conc: 17.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



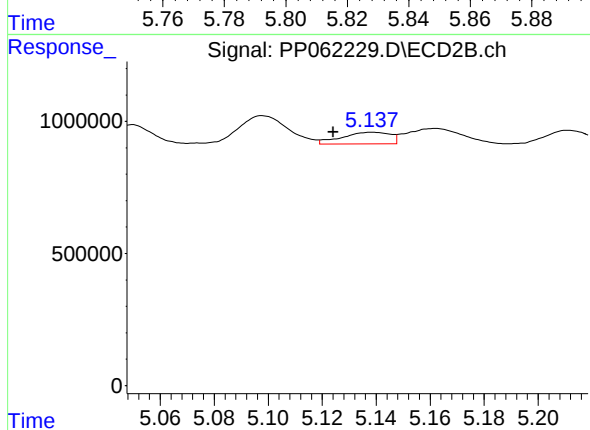
#13 AR-1232-3

R.T.: 5.050 min
Delta R.T.: 0.011 min
Response: 835297
Conc: 36.87 ng/ml



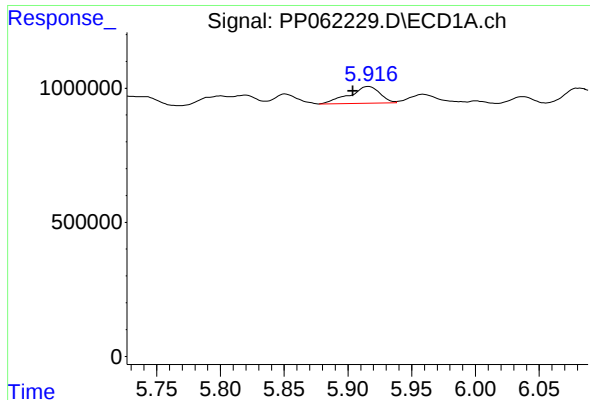
#14 AR-1232-4

R.T.: 5.820 min
Delta R.T.: 0.007 min
Response: 423955
Conc: 25.09 ng/ml



#14 AR-1232-4

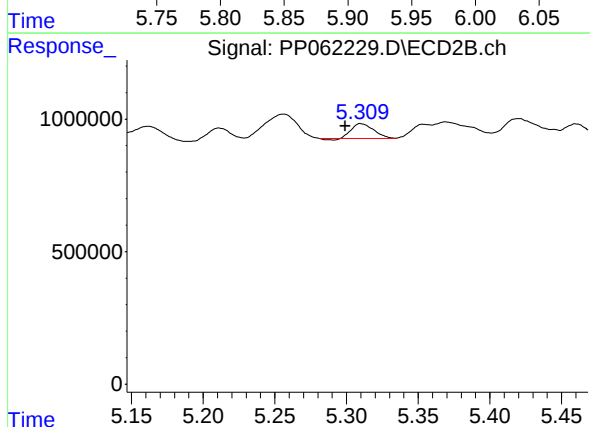
R.T.: 5.138 min
Delta R.T.: 0.014 min
Response: 554609
Conc: 24.29 ng/ml



#15 AR-1232-5

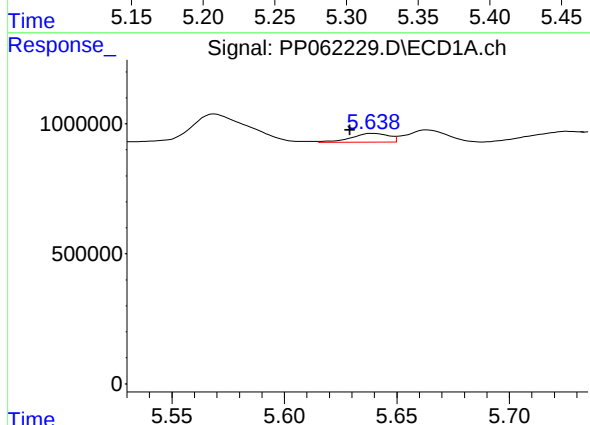
R.T.: 5.916 min
Delta R.T.: 0.013 min
Response: 1049740
Conc: 69.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



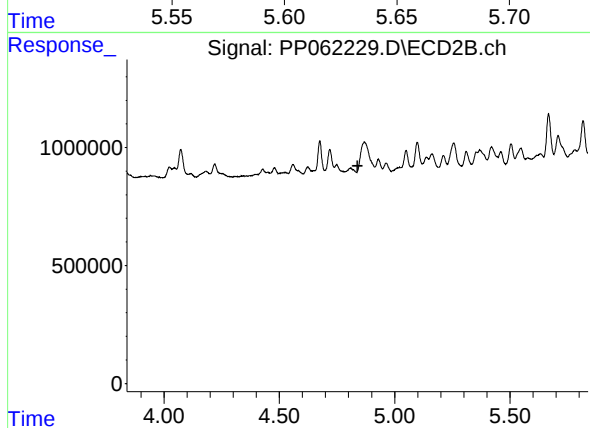
#15 AR-1232-5

R.T.: 5.310 min
Delta R.T.: 0.011 min
Response: 588951
Conc: 23.14 ng/ml



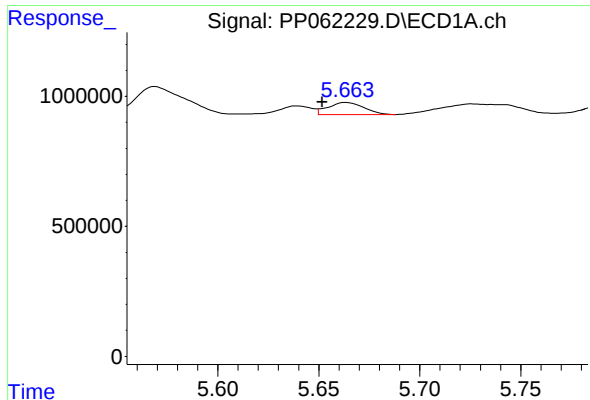
#16 AR-1242-1

R.T.: 5.639 min
Delta R.T.: 0.010 min
Response: 392508
Conc: 9.88 ng/ml



#16 AR-1242-1

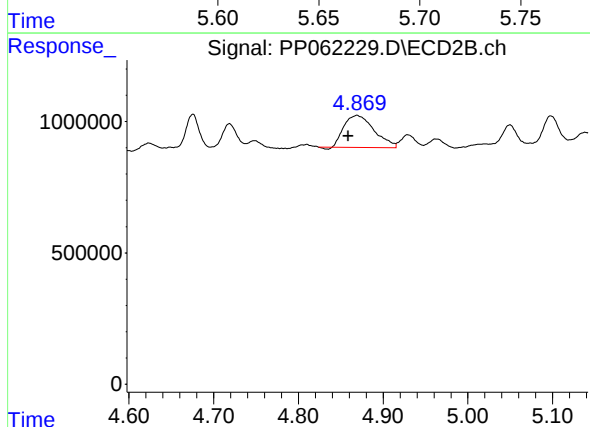
R.T.: 0.000 min
Exp R.T.: 4.839 min
Response: 0
Conc: N.D.



#17 AR-1242-2

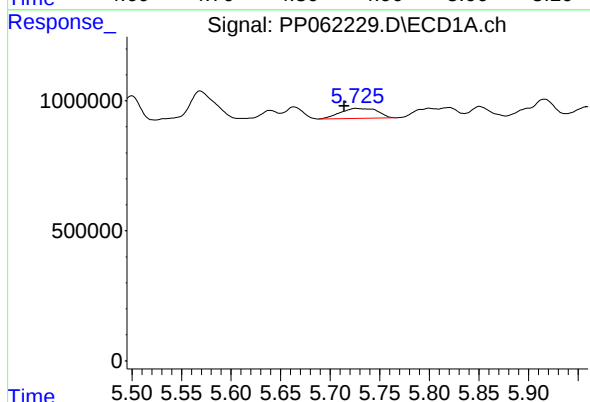
R.T.: 5.664 min
Delta R.T.: 0.012 min
Response: 582443
Conc: 9.80 ng/ml

Instrument : ECD_P
ClientSampleId :



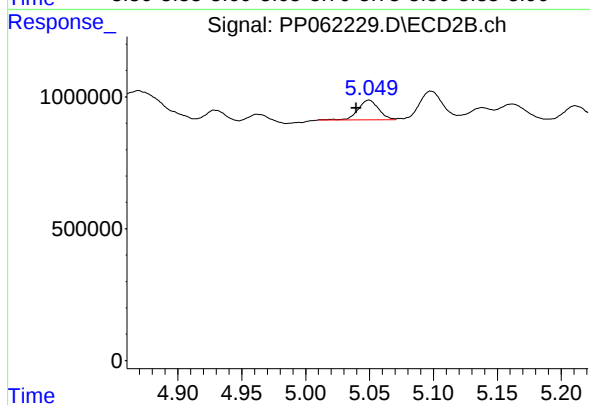
#17 AR-1242-2

R.T.: 4.869 min
Delta R.T.: 0.010 min
Response: 3019682
Conc: 41.47 ng/ml



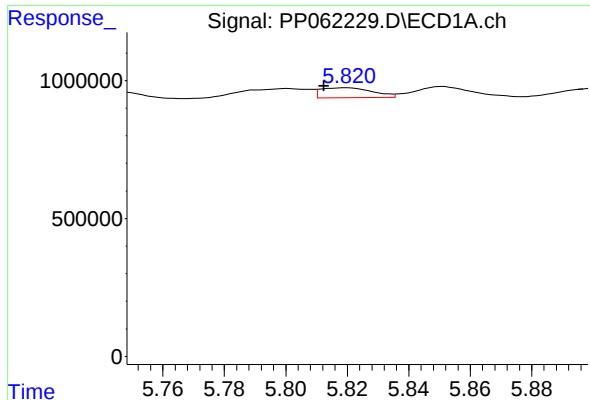
#18 AR-1242-3

R.T.: 5.725 min
Delta R.T.: 0.011 min
Response: 986081
Conc: 25.22 ng/ml



#18 AR-1242-3

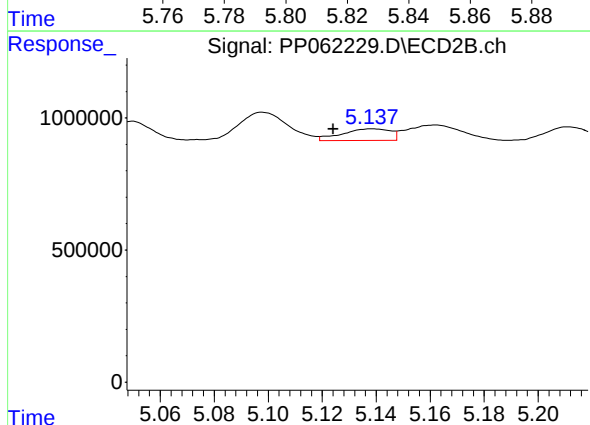
R.T.: 5.050 min
Delta R.T.: 0.010 min
Response: 835297
Conc: 20.61 ng/ml



#19 AR-1242-4

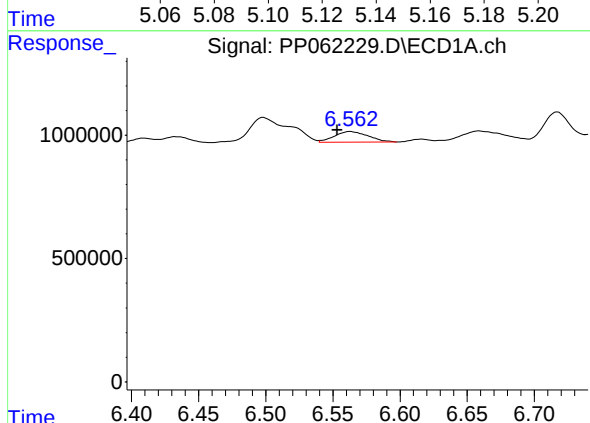
R.T.: 5.820 min
Delta R.T.: 0.008 min
Response: 423955
Conc: 13.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



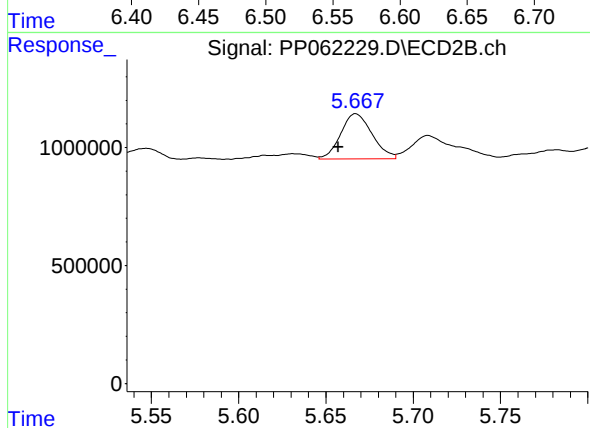
#19 AR-1242-4

R.T.: 5.138 min
Delta R.T.: 0.014 min
Response: 554609
Conc: 12.29 ng/ml



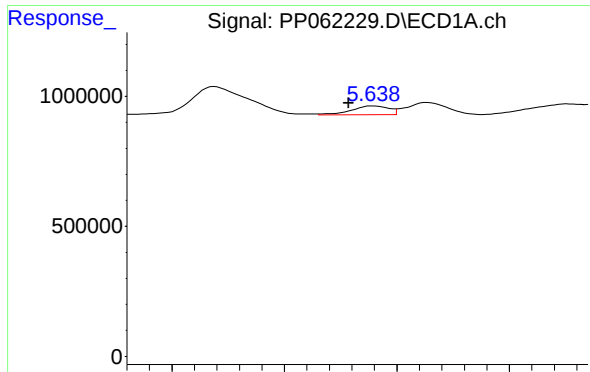
#20 AR-1242-5

R.T.: 6.563 min
Delta R.T.: 0.009 min
Response: 735665
Conc: 24.54 ng/ml



#20 AR-1242-5

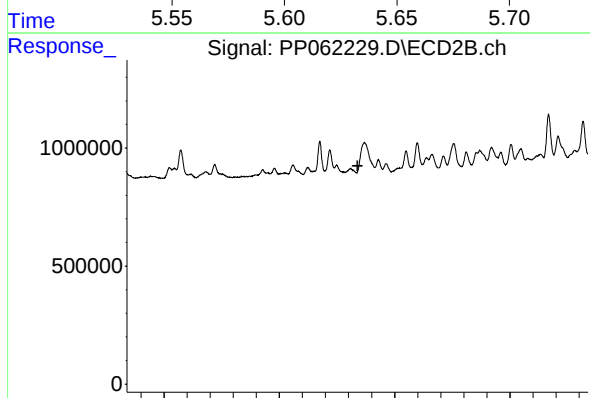
R.T.: 5.667 min
Delta R.T.: 0.010 min
Response: 2381588
Conc: 45.51 ng/ml



#21 AR-1248-1

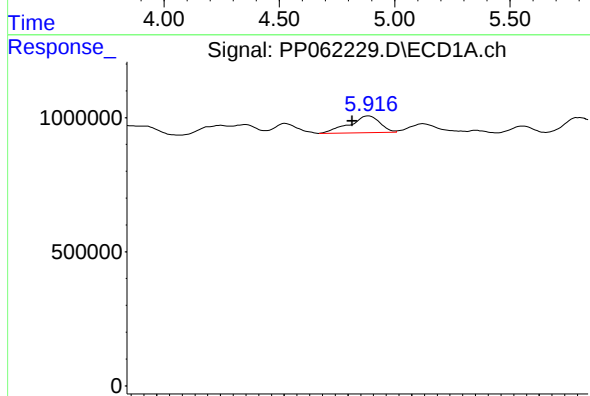
R.T.: 5.639 min
Delta R.T.: 0.011 min
Response: 392508
Conc: 12.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



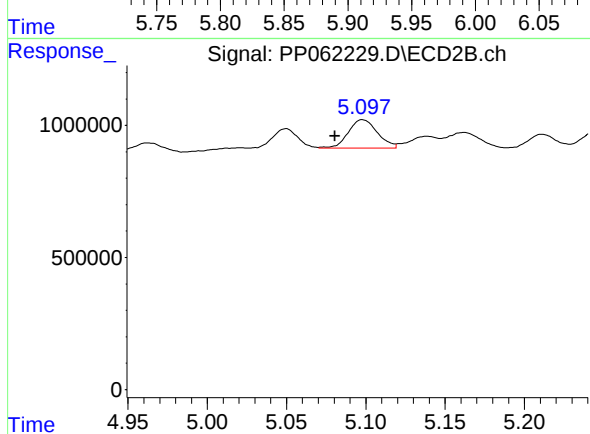
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.839 min
Response: 0
Conc: N.D.



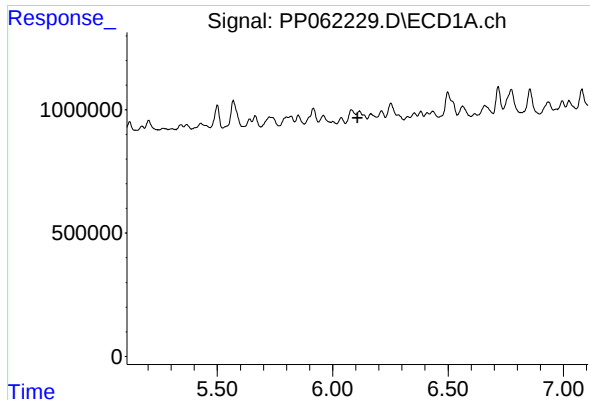
#22 AR-1248-2

R.T.: 5.916 min
Delta R.T.: 0.013 min
Response: 1049740
Conc: 21.46 ng/ml



#22 AR-1248-2

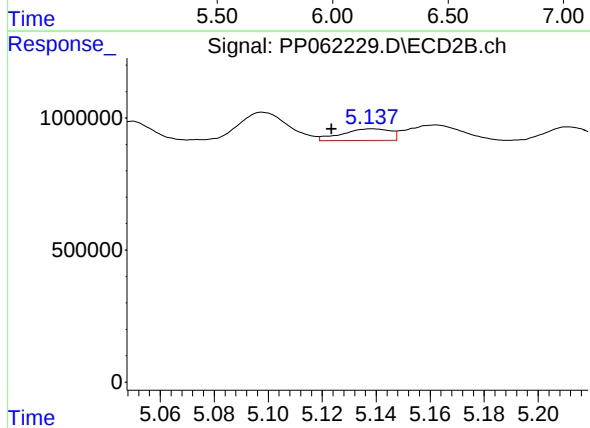
R.T.: 5.098 min
Delta R.T.: 0.017 min
Response: 1383174
Conc: 21.90 ng/ml



#23 AR-1248-3

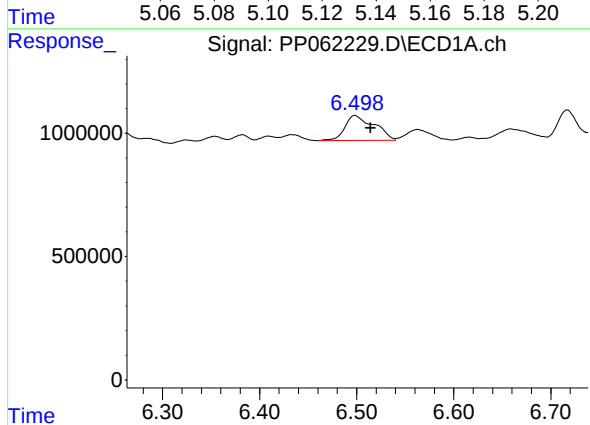
R.T.: 0.000 min
Exp R.T.: 6.108 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



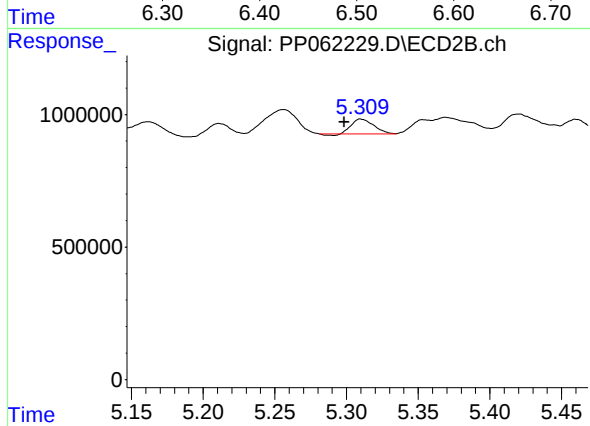
#23 AR-1248-3

R.T.: 5.138 min
Delta R.T.: 0.015 min
Response: 554609
Conc: 8.46 ng/ml



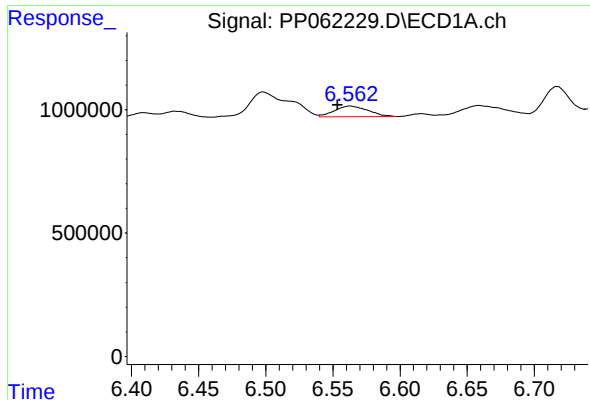
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: -0.016 min
Response: 2131418
Conc: 42.05 ng/ml



#24 AR-1248-4

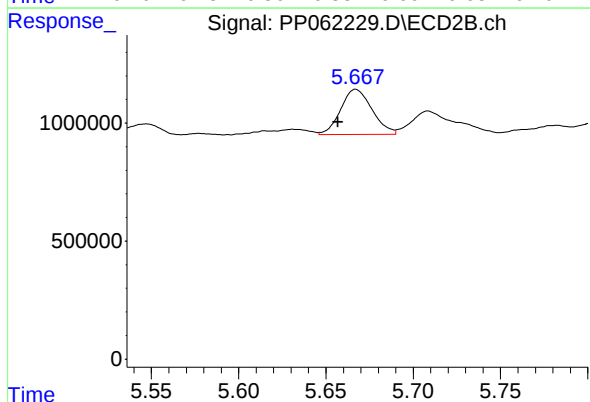
R.T.: 5.310 min
Delta R.T.: 0.011 min
Response: 588951
Conc: 7.65 ng/ml



#25 AR-1248-5

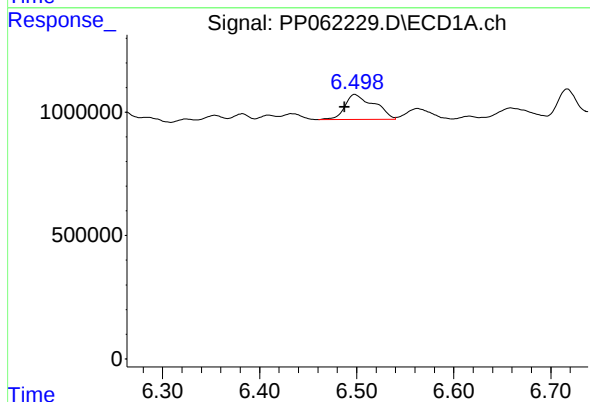
R.T.: 6.563 min
Delta R.T.: 0.009 min
Response: 735665
Conc: 14.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



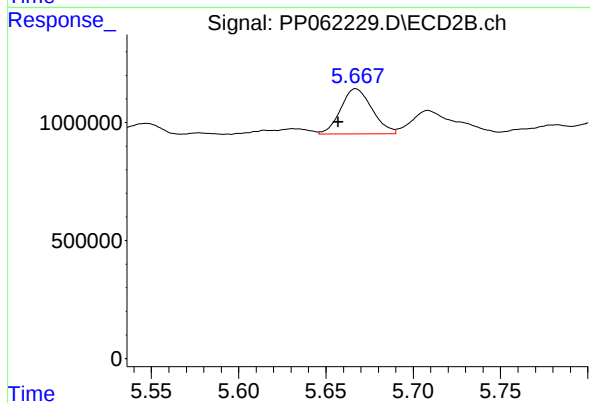
#25 AR-1248-5

R.T.: 5.667 min
Delta R.T.: 0.010 min
Response: 2381588
Conc: 23.83 ng/ml



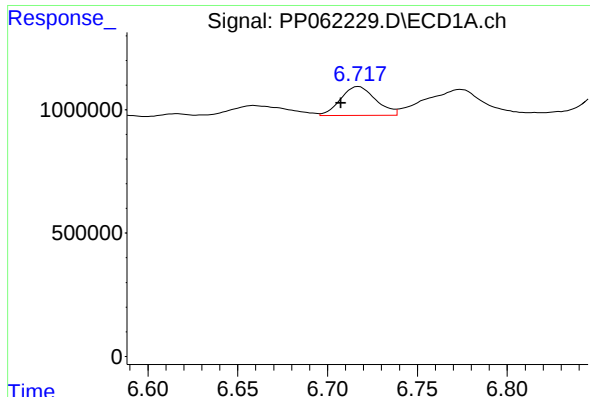
#26 AR-1254-1

R.T.: 6.498 min
Delta R.T.: 0.010 min
Response: 2131418
Conc: 37.99 ng/ml



#26 AR-1254-1

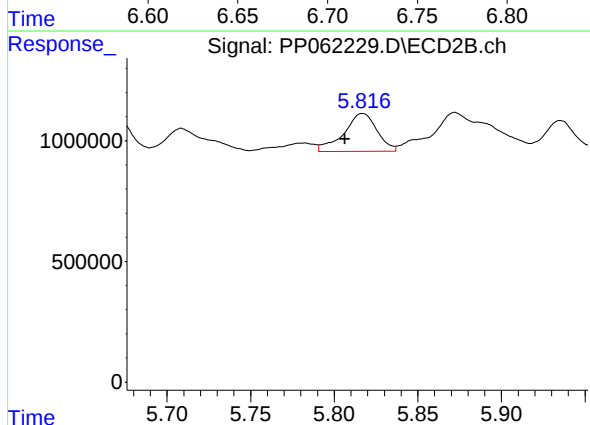
R.T.: 5.667 min
Delta R.T.: 0.010 min
Response: 2381588
Conc: 21.87 ng/ml



#27 AR-1254-2

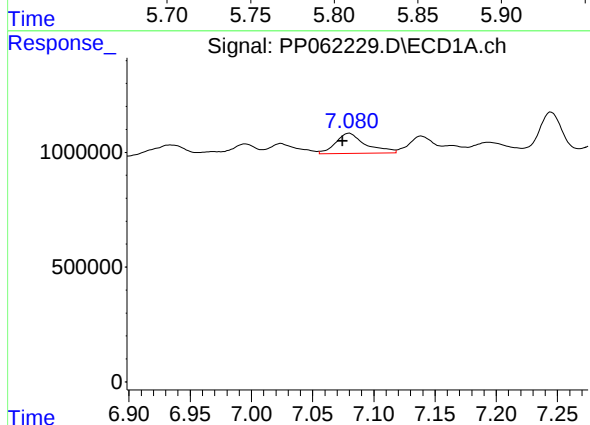
R.T.: 6.717 min
Delta R.T.: 0.010 min
Response: 1599904
Conc: 19.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



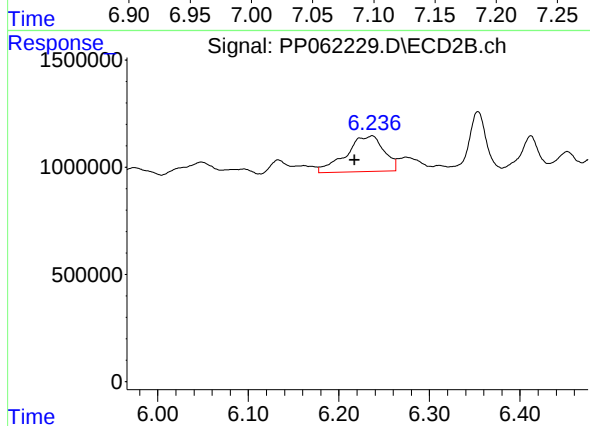
#27 AR-1254-2

R.T.: 5.817 min
Delta R.T.: 0.010 min
Response: 2159340
Conc: 21.52 ng/ml



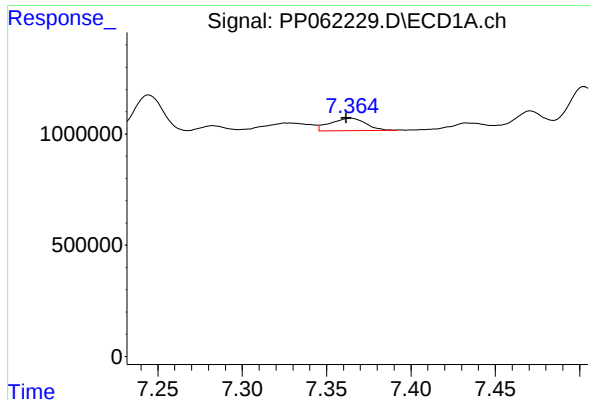
#28 AR-1254-3

R.T.: 7.080 min
Delta R.T.: 0.006 min
Response: 1482647
Conc: 17.92 ng/ml



#28 AR-1254-3

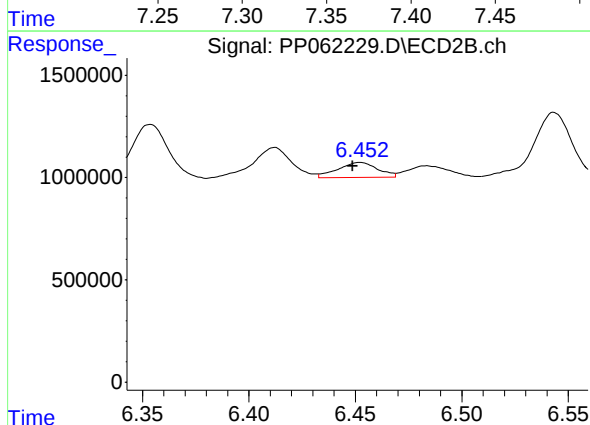
R.T.: 6.237 min
Delta R.T.: 0.019 min
Response: 4826035
Conc: 30.89 ng/ml



#29 AR-1254-4

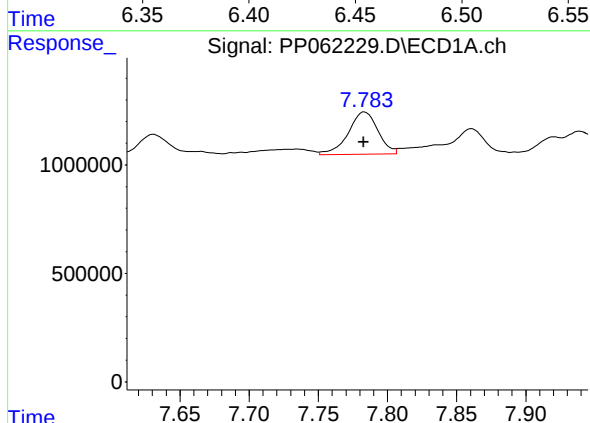
R.T.: 7.364 min
Delta R.T.: 0.003 min
Response: 800381
Conc: 15.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



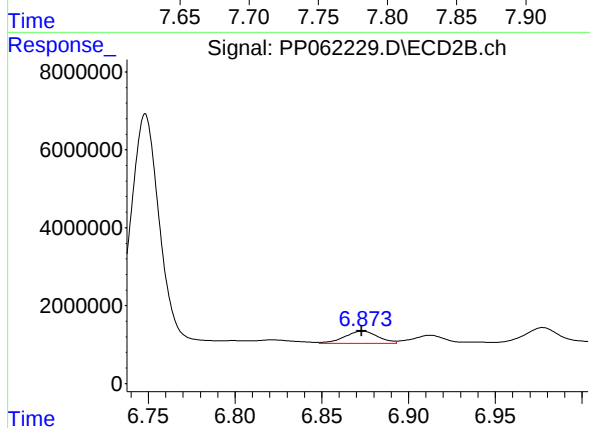
#29 AR-1254-4

R.T.: 6.452 min
Delta R.T.: 0.003 min
Response: 965004
Conc: 12.14 ng/ml



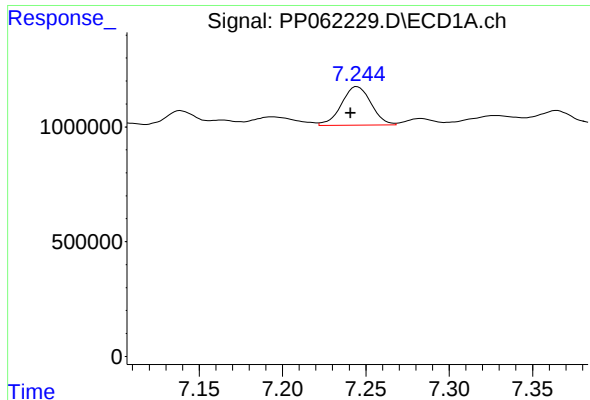
#30 AR-1254-5

R.T.: 7.784 min
Delta R.T.: 0.000 min
Response: 2915380
Conc: 45.77 ng/ml



#30 AR-1254-5

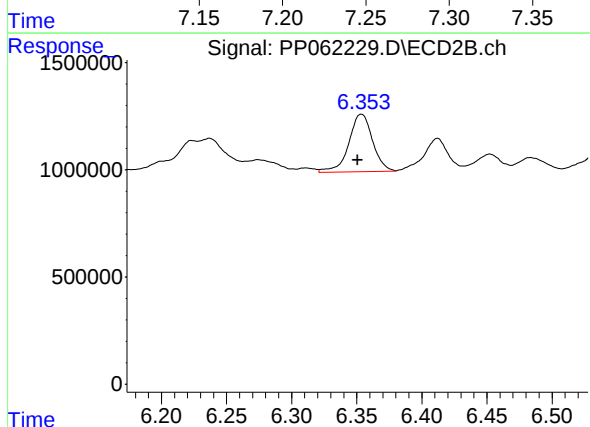
R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 4178200
Conc: 29.61 ng/ml



#31 AR-1260-1

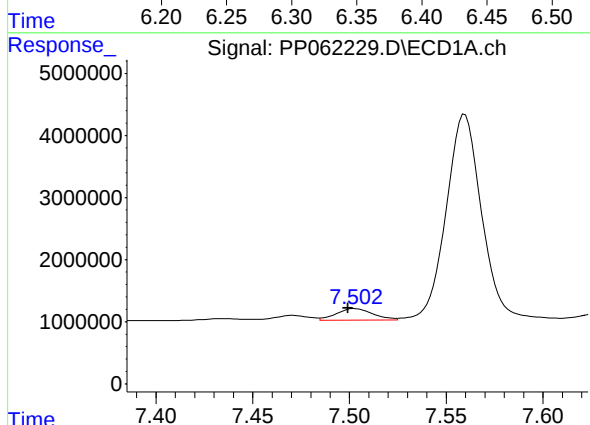
R.T.: 7.245 min
Delta R.T.: 0.004 min
Response: 2091497
Conc: 30.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



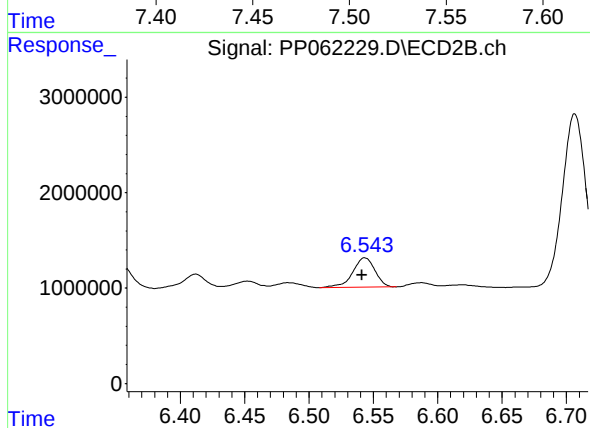
#31 AR-1260-1

R.T.: 6.354 min
Delta R.T.: 0.003 min
Response: 3420716
Conc: 29.39 ng/ml



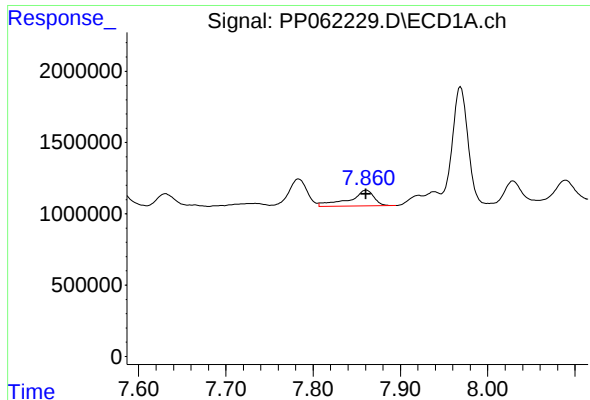
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.004 min
Response: 2451258
Conc: 32.54 ng/ml



#32 AR-1260-2

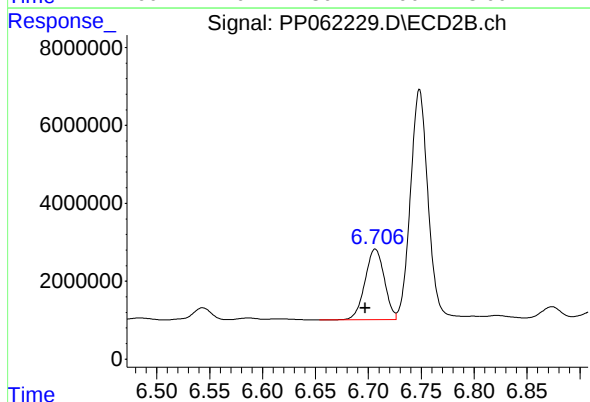
R.T.: 6.543 min
Delta R.T.: 0.002 min
Response: 3706622
Conc: 27.20 ng/ml



#33 AR-1260-3

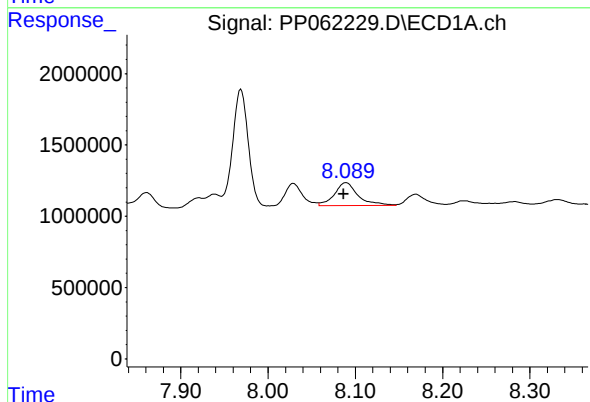
R.T.: 7.861 min
Delta R.T.: 0.000 min
Response: 2183537
Conc: 42.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



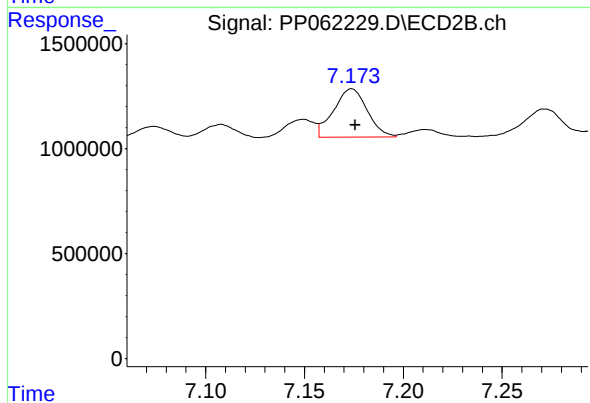
#33 AR-1260-3

R.T.: 6.707 min
Delta R.T.: 0.009 min
Response: 23052653
Conc: 176.19 ng/ml



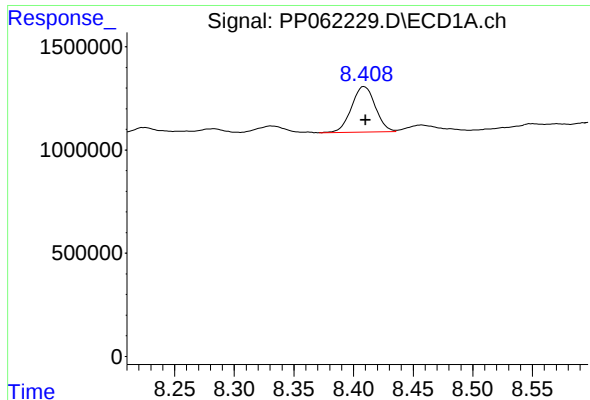
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: 0.002 min
Response: 2999011
Conc: 49.14 ng/ml



#34 AR-1260-4

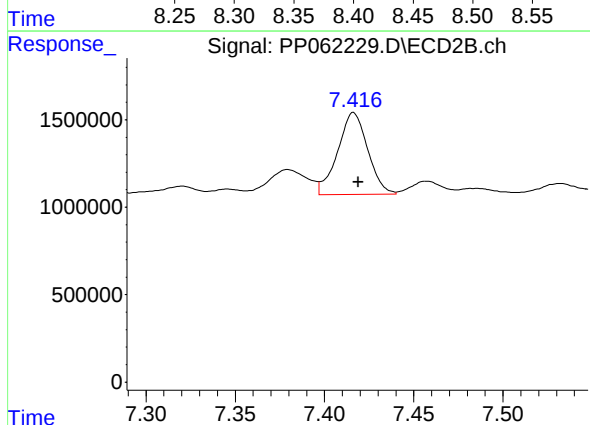
R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 2742418
Conc: 27.81 ng/ml



#35 AR-1260-5

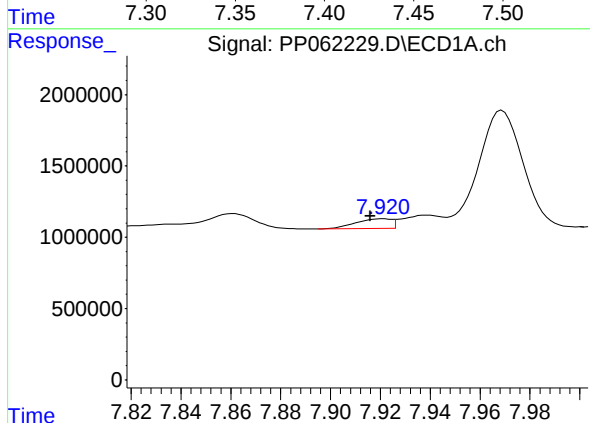
R.T.: 8.409 min
Delta R.T.: -0.001 min
Response: 3061376
Conc: 30.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



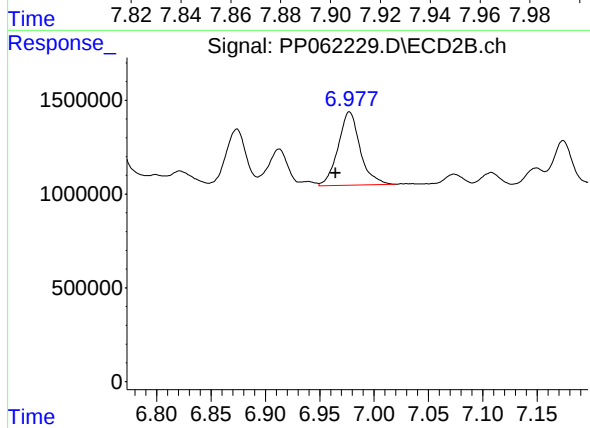
#35 AR-1260-5

R.T.: 7.416 min
Delta R.T.: -0.003 min
Response: 5484277
Conc: 25.61 ng/ml



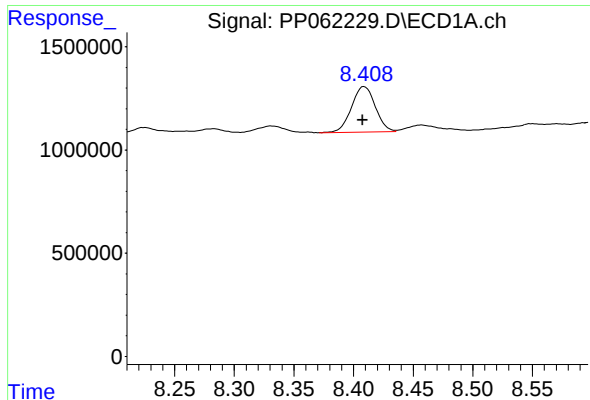
#36 AR-1262-1

R.T.: 7.921 min
Delta R.T.: 0.005 min
Response: 674688
Conc: 19.07 ng/ml



#36 AR-1262-1

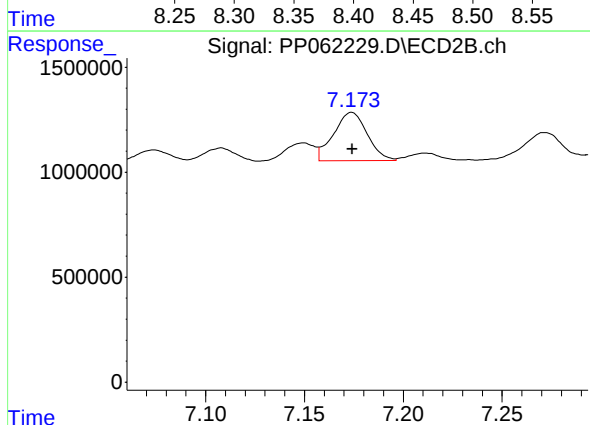
R.T.: 6.977 min
Delta R.T.: 0.013 min
Response: 5526653
Conc: 87.00 ng/ml



#37 AR-1262-2

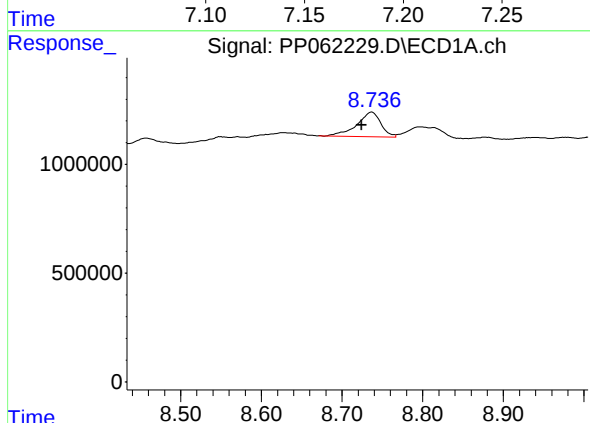
R.T.: 8.409 min
Delta R.T.: 0.002 min
Response: 3061376
Conc: 25.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



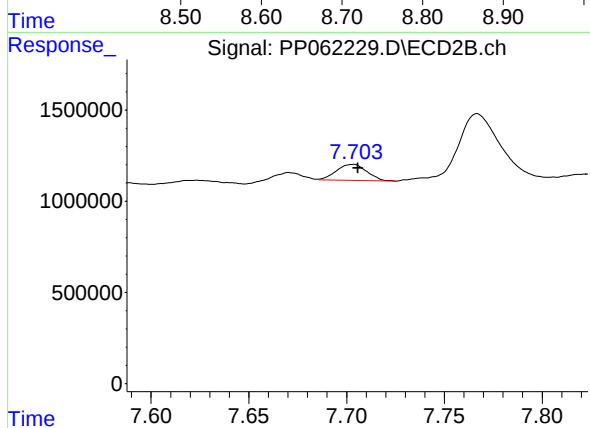
#37 AR-1262-2

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 2742418
Conc: 20.30 ng/ml



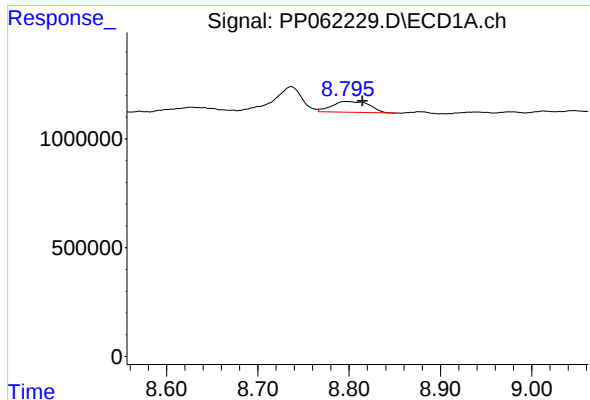
#38 AR-1262-3

R.T.: 8.737 min
Delta R.T.: 0.013 min
Response: 2360039
Conc: 26.94 ng/ml



#38 AR-1262-3

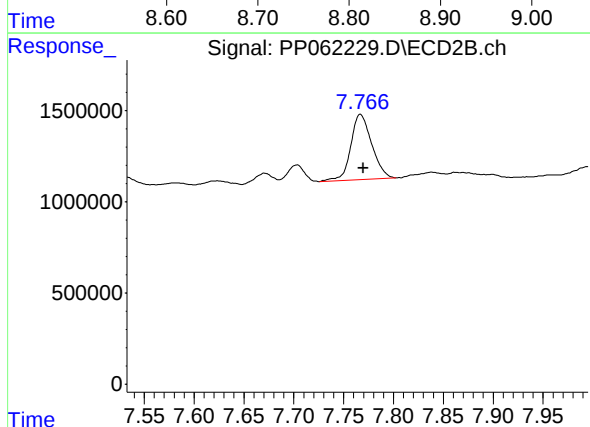
R.T.: 7.703 min
Delta R.T.: -0.003 min
Response: 940127
Conc: 8.99 ng/ml



#39 AR-1262-4

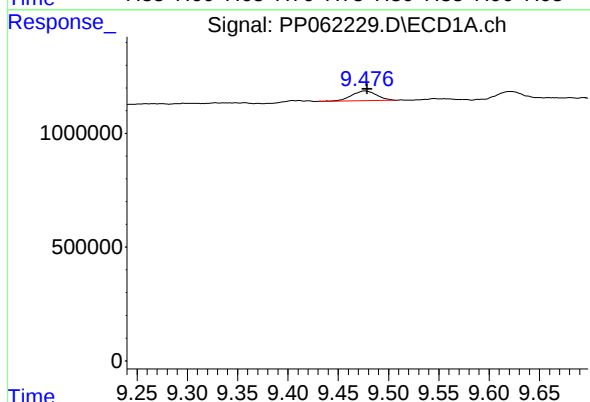
R.T.: 8.796 min
Delta R.T.: -0.018 min
Response: 1448894
Conc: 19.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



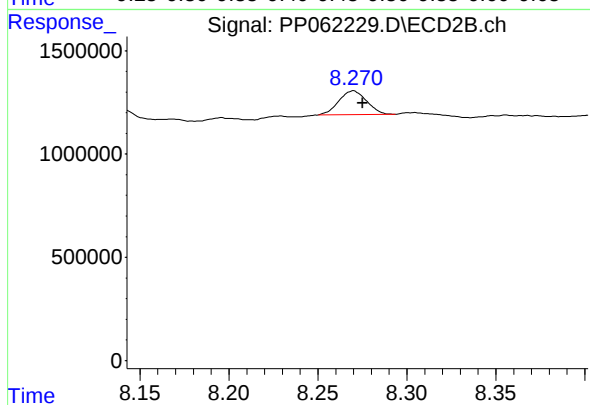
#39 AR-1262-4

R.T.: 7.767 min
Delta R.T.: -0.003 min
Response: 5227990
Conc: 29.00 ng/ml



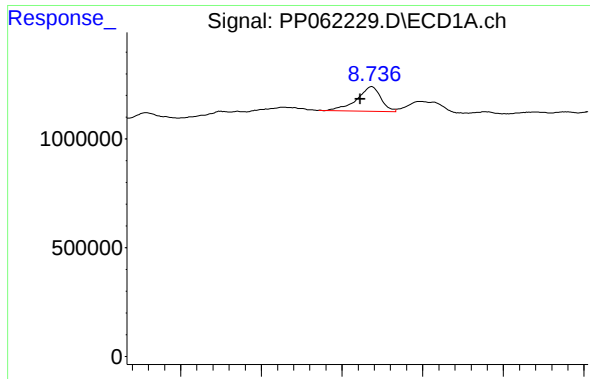
#40 AR-1262-5

R.T.: 9.477 min
Delta R.T.: -0.002 min
Response: 742165
Conc: 17.26 ng/ml



#40 AR-1262-5

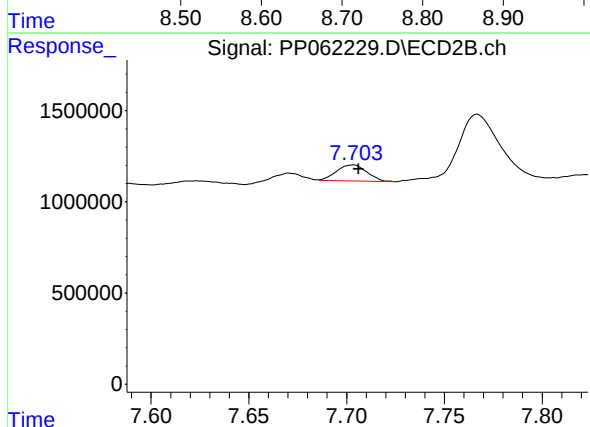
R.T.: 8.270 min
Delta R.T.: -0.005 min
Response: 1259344
Conc: 16.49 ng/ml



#41 AR-1268-1

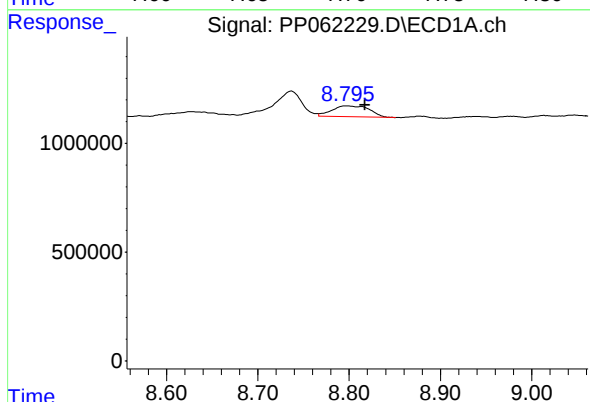
R.T.: 8.737 min
Delta R.T.: 0.014 min
Response: 2360039
Conc: 15.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



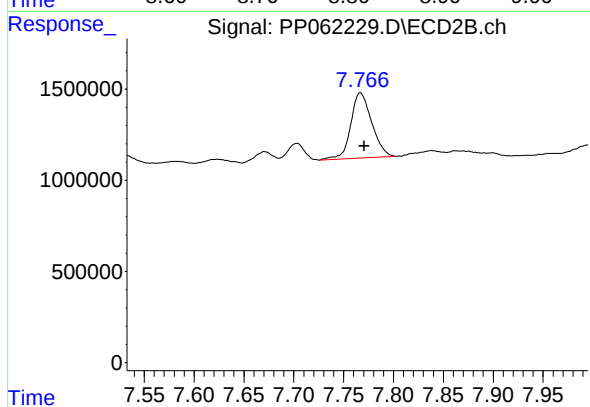
#41 AR-1268-1

R.T.: 7.703 min
Delta R.T.: -0.003 min
Response: 940127
Conc: 3.13 ng/ml



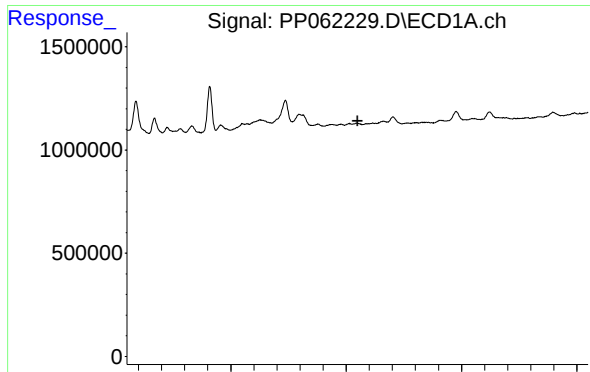
#42 AR-1268-2

R.T.: 8.796 min
Delta R.T.: -0.021 min
Response: 1448894
Conc: 10.31 ng/ml



#42 AR-1268-2

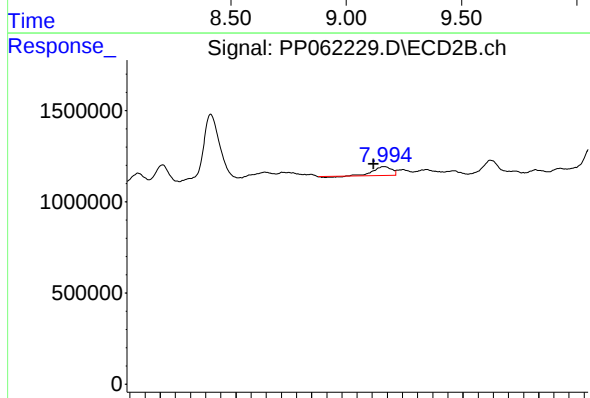
R.T.: 7.767 min
Delta R.T.: -0.004 min
Response: 5227990
Conc: 19.70 ng/ml



#43 AR-1268-3

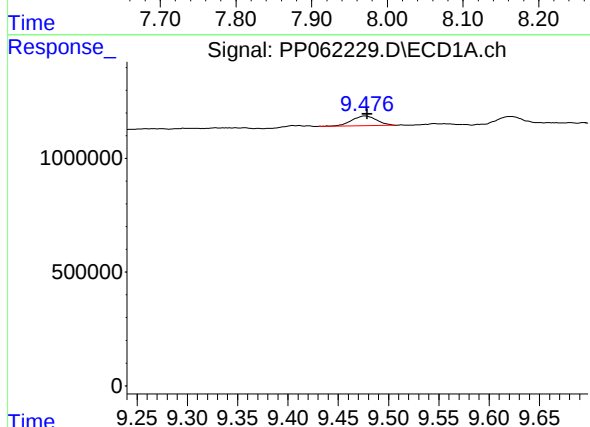
R.T.: 0.000 min
Exp R.T.: 9.049 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



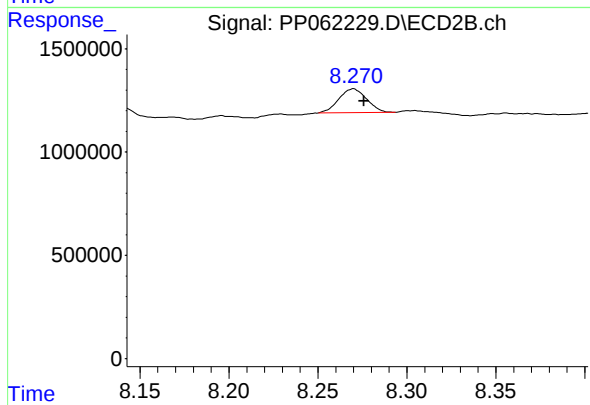
#43 AR-1268-3

R.T.: 7.995 min
Delta R.T.: 0.013 min
Response: 781049
Conc: 3.22 ng/ml



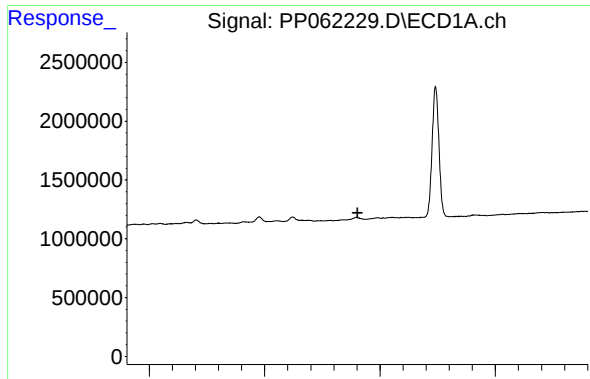
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: -0.002 min
Response: 742165
Conc: 16.44 ng/ml



#44 AR-1268-4

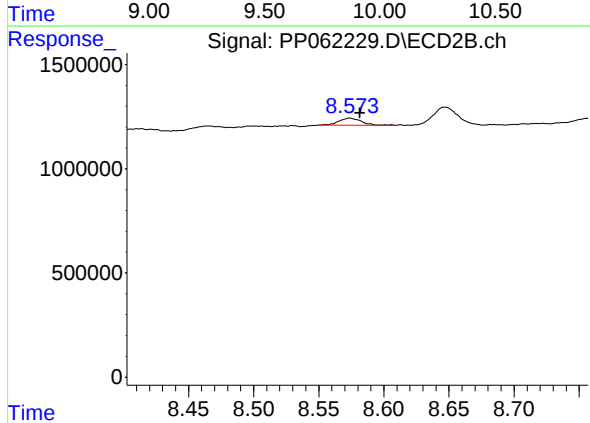
R.T.: 8.270 min
Delta R.T.: -0.006 min
Response: 1259344
Conc: 14.59 ng/ml



#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.: 8.574 min
Delta R.T.: -0.008 min
Response: 407064
Conc: 0.59 ng/ml