

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092023\
 Data File : PP060077.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2023 07:32
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 07:47:10 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	104.8E6	82210841	50.371	50.471
2) SA Decachlor...	10.424	8.735	85144758	90676349	55.820	59.885
Target Compounds						
3) L1 AR-1016-1	5.694	4.784	1030198	736367	15.268	12.249
4) L1 AR-1016-2	5.720	4.784	1362945	736367	14.248	8.872 #
5) L1 AR-1016-3	5.781	4.963	610381	499342	10.255	11.131
6) L1 AR-1016-4	5.880	5.003	584465	16206371	11.936	459.379 #
7) L1 AR-1016-5	6.180	5.219	14858972	15084093	302.209	324.413
8) L2 AR-1221-1	0.000	3.899	0	50673	N.D.	2.307 #
9) L2 AR-1221-2	4.819	3.968	1746144	1241687	88.713	80.426
10) L2 AR-1221-3	4.884	4.045	368744	282729	6.456	6.028
11) L3 AR-1232-1	4.884	4.045	368744	282729	7.904	7.438
12) L3 AR-1232-2	5.423	4.784	500437	736367	19.703	19.970
13) L3 AR-1232-3	5.720	4.963	1362945	499342	31.547	24.938
14) L3 AR-1232-4	5.880	5.045	584465	6205113	26.443	339.698 #
15) L3 AR-1232-5	5.973	5.219	23346649	15084093	1272.619	752.351 #
16) L4 AR-1242-1	5.694	4.765	1030198	884186	17.249	16.790
17) L4 AR-1242-2	5.720	4.784	1362945	736367	16.218	10.219 #
18) L4 AR-1242-3	5.781	4.963	610381	499342	11.670	12.760
19) L4 AR-1242-4	5.880	5.045	584465	6205113	13.563	158.336 #
20) L4 AR-1242-5	6.631	5.575	18719466	53054778	409.442	1096.626 #
21) L5 AR-1248-1	5.694	4.765	1030198	884186	23.049	22.629
22) L5 AR-1248-2	5.973	5.003	23346649	16206371	360.489	299.101
23) L5 AR-1248-3	6.180	5.045	14858972	6205113	209.806	109.054 #
24) L5 AR-1248-4	6.588	5.219	21666888	15084093	280.136	224.588
25) L5 AR-1248-5	6.631	5.615	18719466	9015345	248.796	136.671 #
26) L6 AR-1254-1	6.562	5.575	43498342	53054778	544.844	528.661
27) L6 AR-1254-2	6.784	5.724	63701620	45722114	531.856	526.288
28) L6 AR-1254-3	7.154	6.132	65563423	71138043	539.703	506.678
29) L6 AR-1254-4	7.443	6.361	47131453	41260307	529.980	490.169
30) L6 AR-1254-5	7.866	6.783	50418893	61323771	518.312	516.987
31) L7 AR-1260-1	7.320	6.264	30010206	34363572	332.934	369.039
32) L7 AR-1260-2	7.579	6.452	31702702	26962797	309.030	245.928
33) L7 AR-1260-3	7.927f	6.606	9321441	23929623	118.355	232.655 #
34) L7 AR-1260-4	8.160f	7.084	21455169	3054271	239.401	36.673 #
35) L7 AR-1260-5	8.506	7.357	4859375	2293384	28.474	11.920 #
36) L8 AR-1262-1	7.927f	6.875	9321441	1814503	80.542	35.949 #
37) L8 AR-1262-2	8.506	7.084	4859375	3054271	24.274	27.035
38) L8 AR-1262-3	8.850	7.617	6092029	1730996	42.305	19.748 #
39) L8 AR-1262-4	0.000	7.673f	0	7171373	N.D.	43.914 #
40) L8 AR-1262-5	0.000	8.175f	0	491443	N.D.	6.584 #
41) L9 AR-1268-1	8.850	7.617	6092029	1730996	24.294	6.649 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092023\
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 Sample : AR1254CCC500
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 07:47:10 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

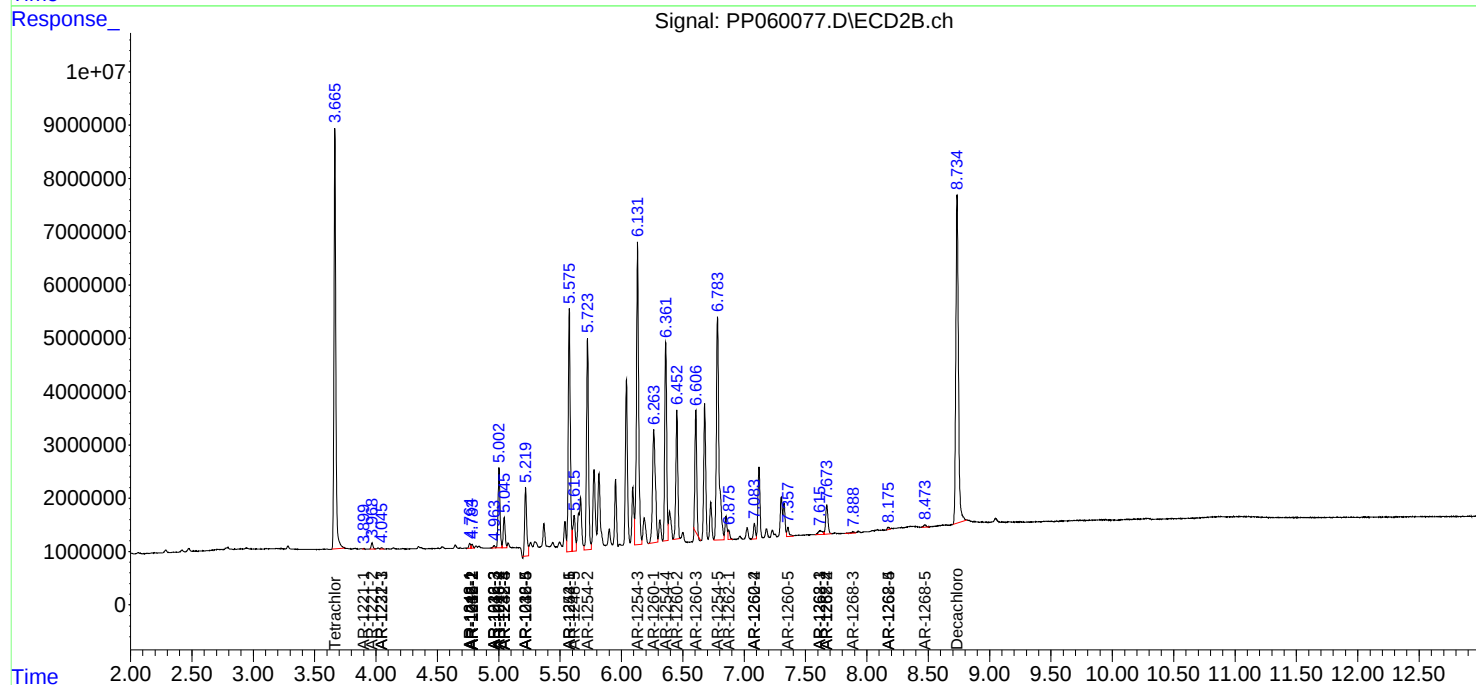
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

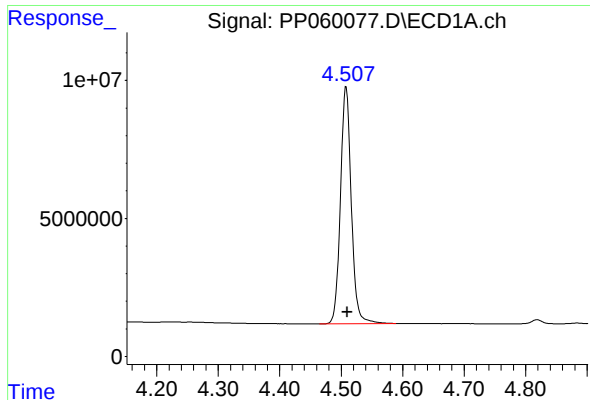
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.673f	0	7171373	N.D.	31.019 #
43) L9	AR-1268-3	0.000	7.888	0	400354	N.D.	1.961 #
44) L9	AR-1268-4	0.000	8.175	0	491443	N.D.	6.086 #
45) L9	AR-1268-5	10.059	8.472f	597977	704360	0.988	1.115

(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

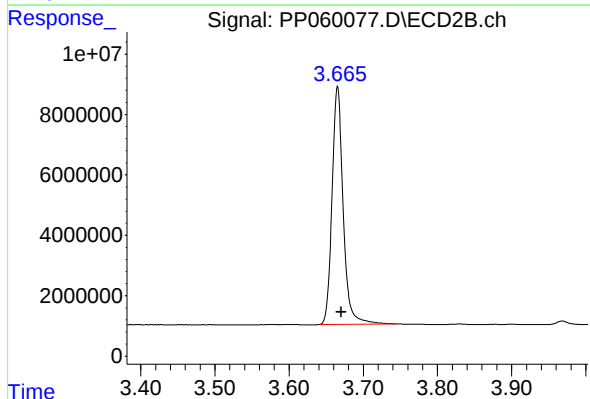




#1 Tetrachloro-m-xylene

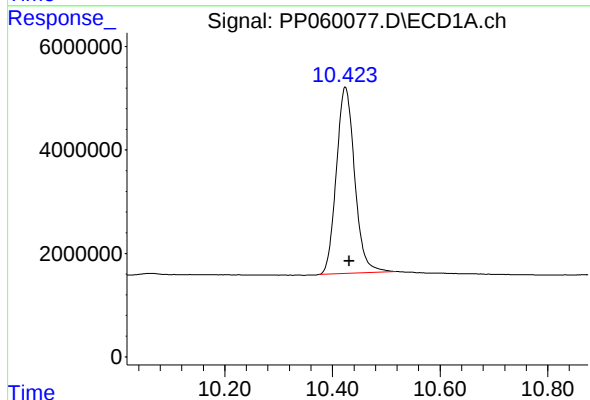
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 104785416
Conc: 50.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



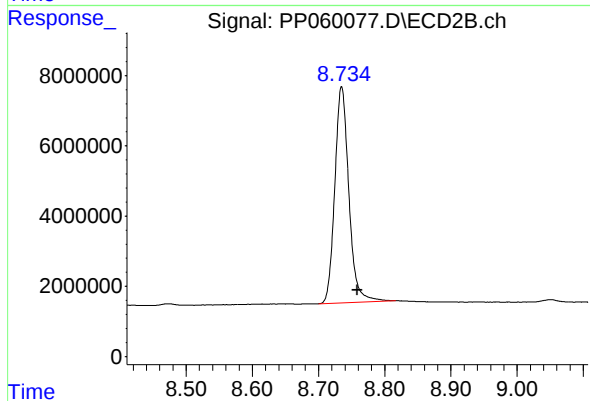
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.005 min
Response: 82210841
Conc: 50.47 ng/ml



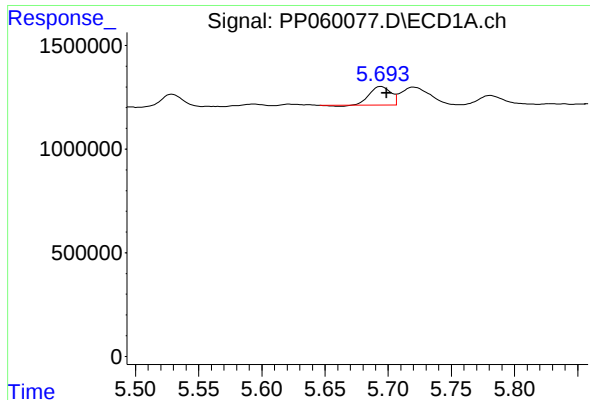
#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: -0.008 min
Response: 85144758
Conc: 55.82 ng/ml



#2 Decachlorobiphenyl

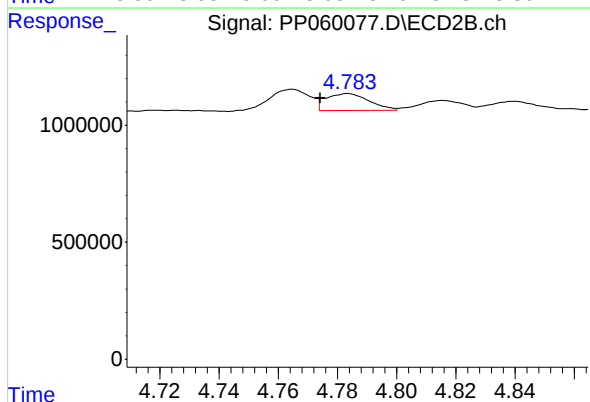
R.T.: 8.735 min
Delta R.T.: -0.023 min
Response: 90676349
Conc: 59.89 ng/ml



#3 AR-1016-1

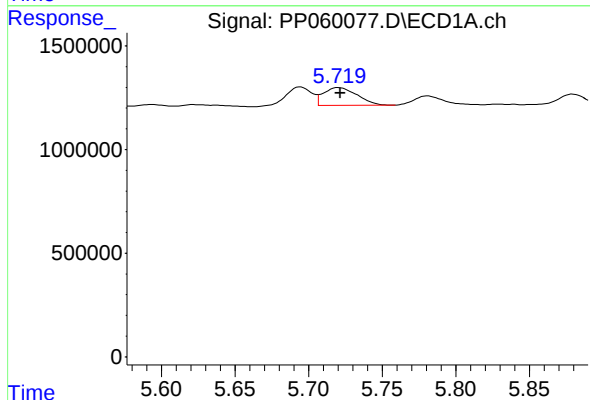
R.T.: 5.694 min
Delta R.T.: -0.005 min
Response: 1030198
Conc: 15.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



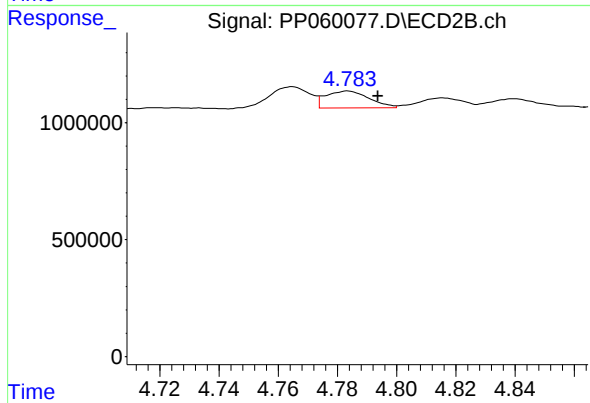
#3 AR-1016-1

R.T.: 4.784 min
Delta R.T.: 0.009 min
Response: 736367
Conc: 12.25 ng/ml



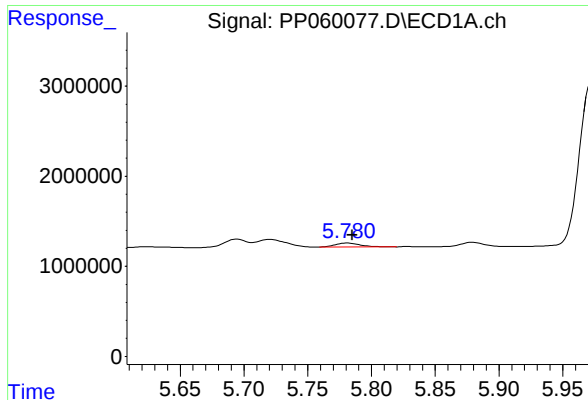
#4 AR-1016-2

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 1362945
Conc: 14.25 ng/ml



#4 AR-1016-2

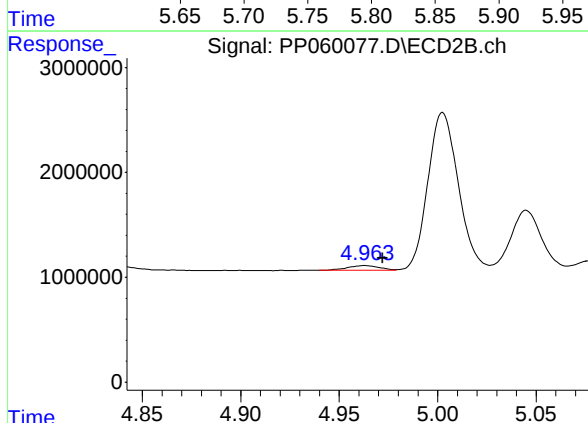
R.T.: 4.784 min
Delta R.T.: -0.010 min
Response: 736367
Conc: 8.87 ng/ml



#5 AR-1016-3

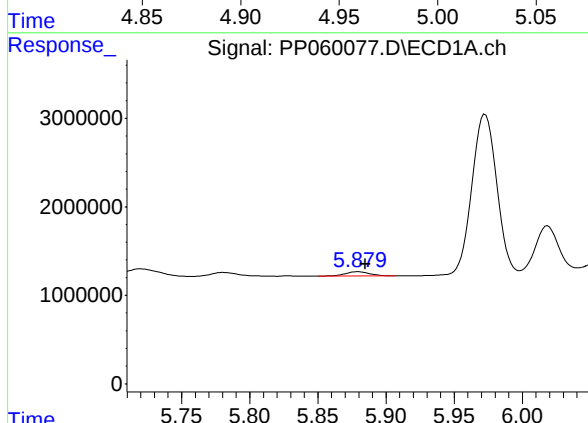
R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 610381
Conc: 10.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



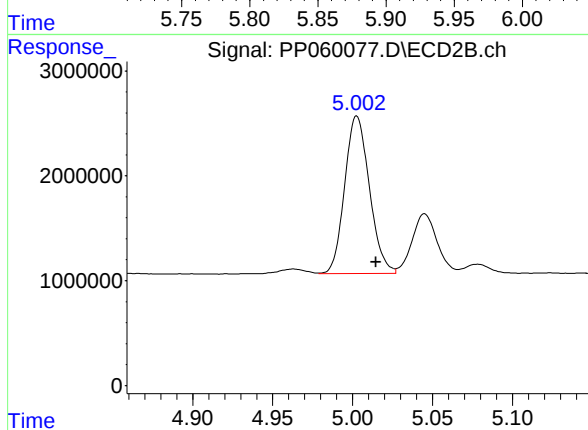
#5 AR-1016-3

R.T.: 4.963 min
Delta R.T.: -0.009 min
Response: 499342
Conc: 11.13 ng/ml



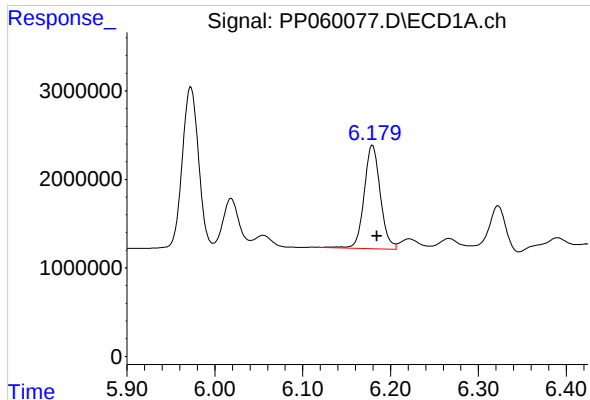
#6 AR-1016-4

R.T.: 5.880 min
Delta R.T.: -0.005 min
Response: 584465
Conc: 11.94 ng/ml



#6 AR-1016-4

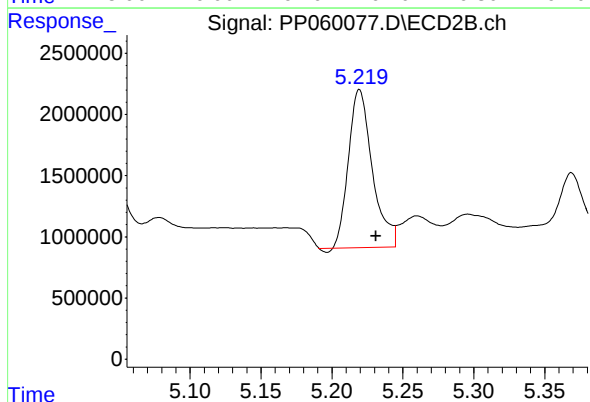
R.T.: 5.003 min
Delta R.T.: -0.012 min
Response: 16206371
Conc: 459.38 ng/ml



#7 AR-1016-5

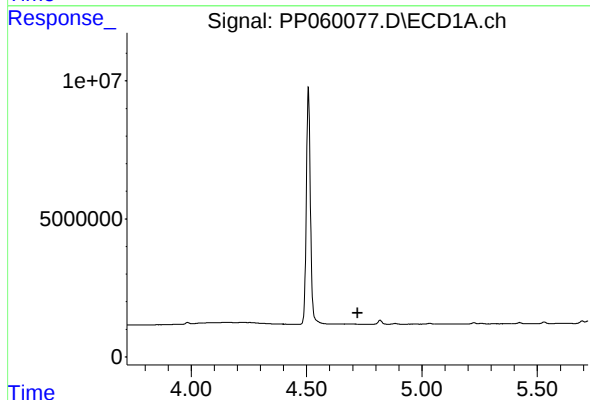
R.T.: 6.180 min
Delta R.T.: -0.005 min
Response: 14858972
Conc: 302.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



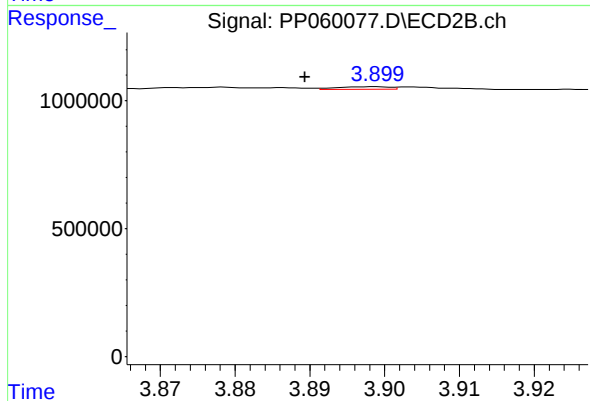
#7 AR-1016-5

R.T.: 5.219 min
Delta R.T.: -0.012 min
Response: 15084093
Conc: 324.41 ng/ml



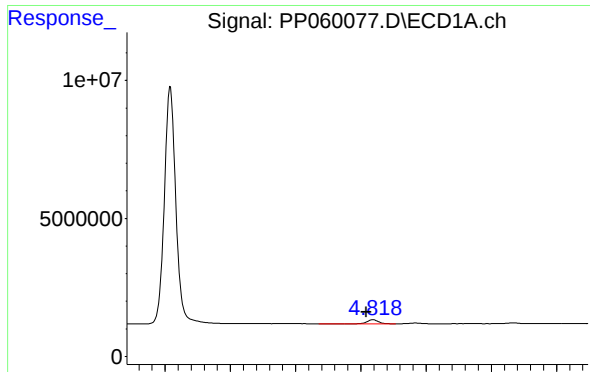
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.721 min
Response: 0
Conc: N.D.



#8 AR-1221-1

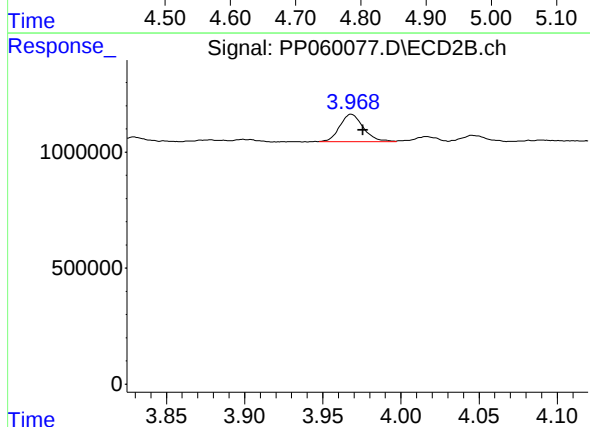
R.T.: 3.899 min
Delta R.T.: 0.010 min
Response: 50673
Conc: 2.31 ng/ml



#9 AR-1221-2

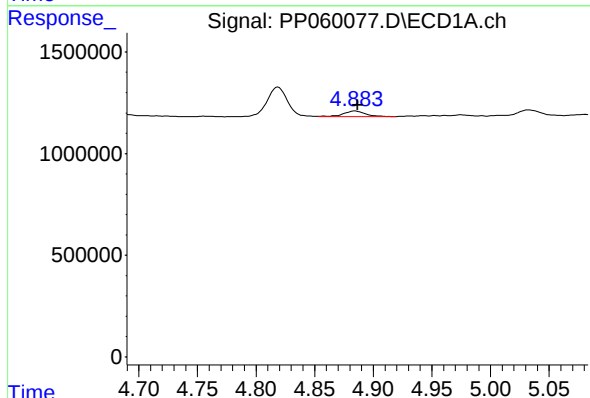
R.T.: 4.819 min
Delta R.T.: 0.010 min
Response: 1746144
Conc: 88.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



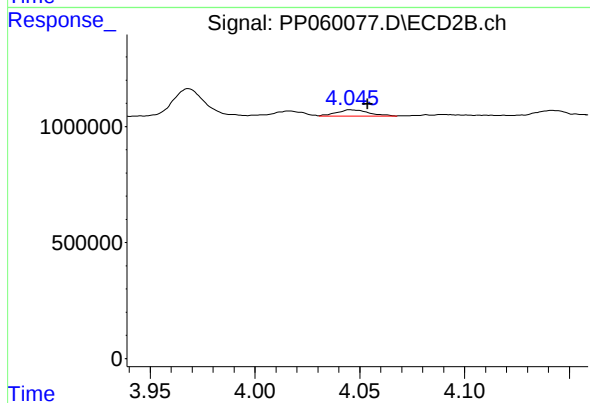
#9 AR-1221-2

R.T.: 3.968 min
Delta R.T.: -0.008 min
Response: 1241687
Conc: 80.43 ng/ml



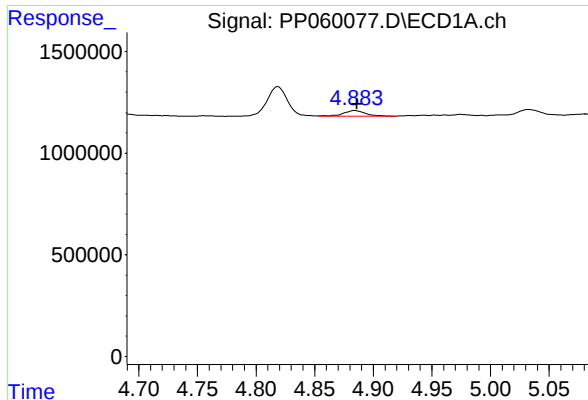
#10 AR-1221-3

R.T.: 4.884 min
Delta R.T.: -0.002 min
Response: 368744
Conc: 6.46 ng/ml



#10 AR-1221-3

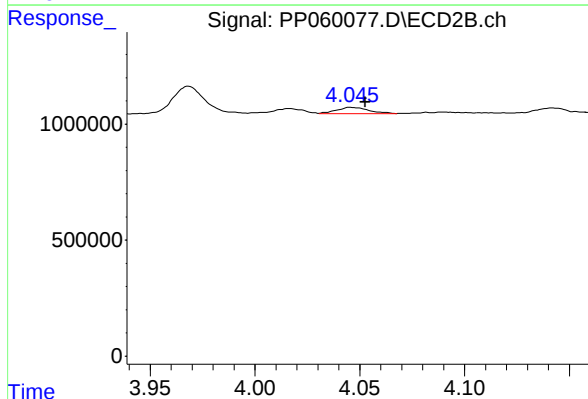
R.T.: 4.045 min
Delta R.T.: -0.008 min
Response: 282729
Conc: 6.03 ng/ml



#11 AR-1232-1

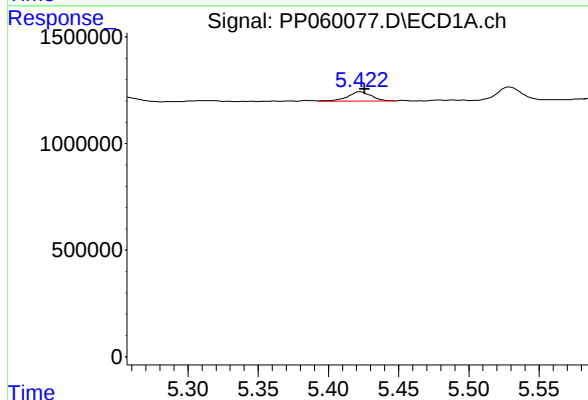
R.T.: 4.884 min
Delta R.T.: -0.002 min
Response: 368744
Conc: 7.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



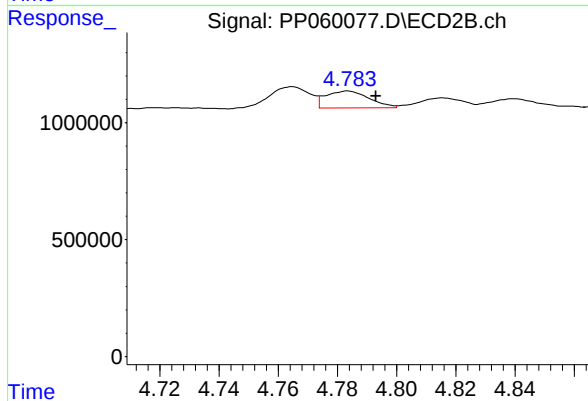
#11 AR-1232-1

R.T.: 4.045 min
Delta R.T.: -0.007 min
Response: 282729
Conc: 7.44 ng/ml



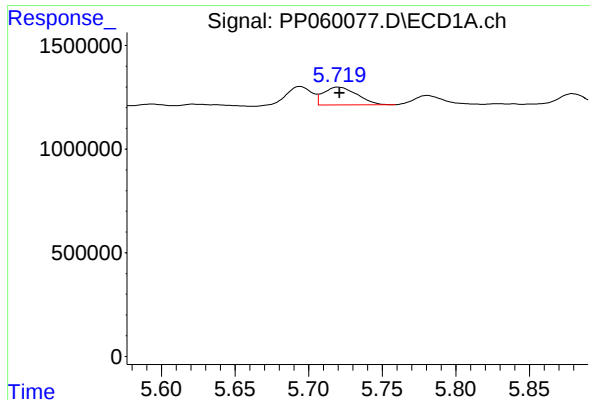
#12 AR-1232-2

R.T.: 5.423 min
Delta R.T.: -0.003 min
Response: 500437
Conc: 19.70 ng/ml



#12 AR-1232-2

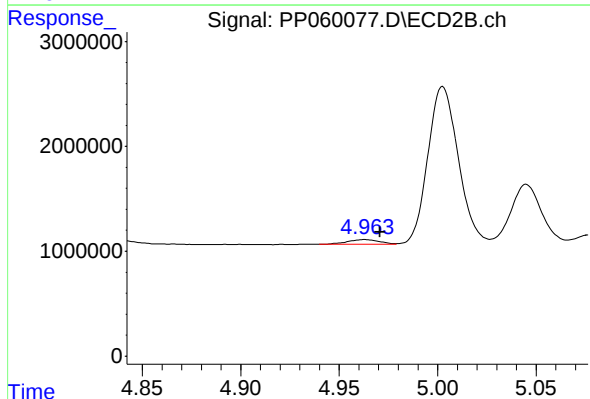
R.T.: 4.784 min
Delta R.T.: -0.009 min
Response: 736367
Conc: 19.97 ng/ml



#13 AR-1232-3

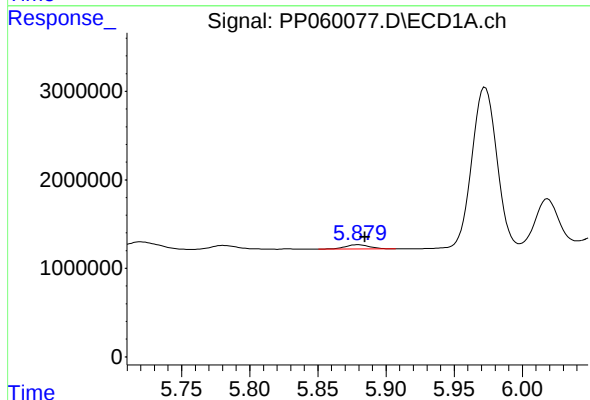
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 1362945
Conc: 31.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



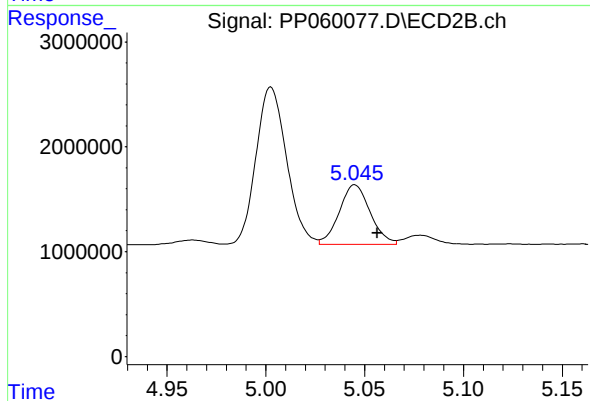
#13 AR-1232-3

R.T.: 4.963 min
Delta R.T.: -0.007 min
Response: 499342
Conc: 24.94 ng/ml



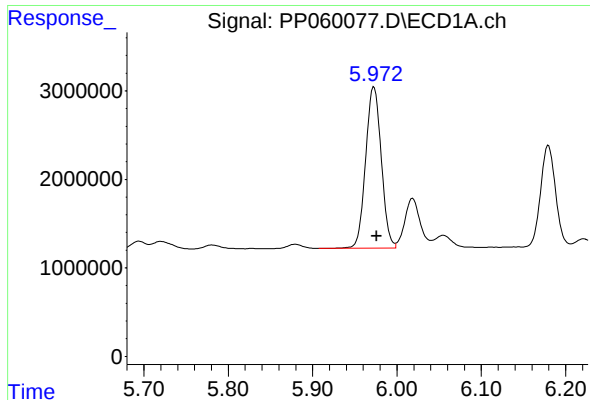
#14 AR-1232-4

R.T.: 5.880 min
Delta R.T.: -0.005 min
Response: 584465
Conc: 26.44 ng/ml



#14 AR-1232-4

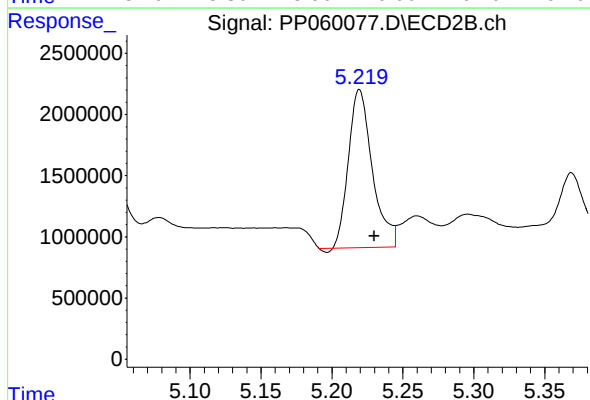
R.T.: 5.045 min
Delta R.T.: -0.011 min
Response: 6205113
Conc: 339.70 ng/ml



#15 AR-1232-5

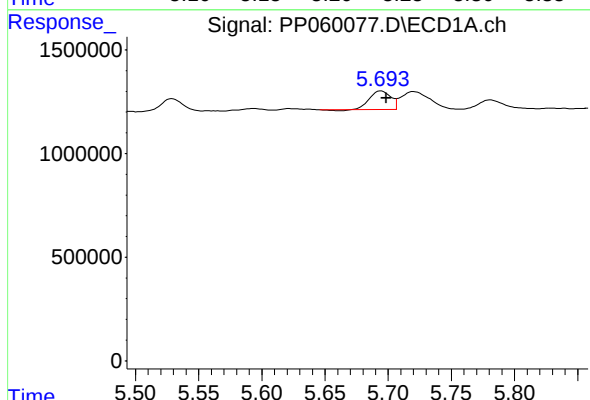
R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 23346649
Conc: 1272.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



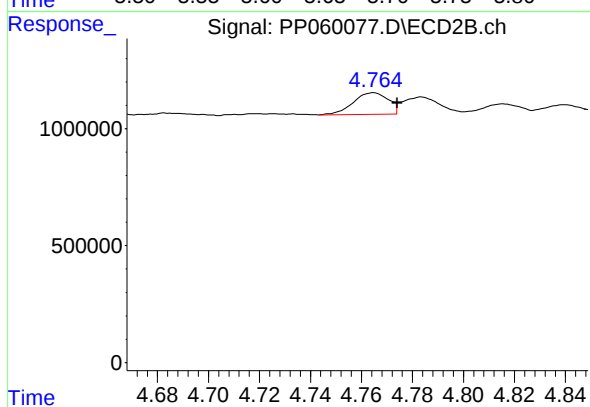
#15 AR-1232-5

R.T.: 5.219 min
Delta R.T.: -0.011 min
Response: 15084093
Conc: 752.35 ng/ml



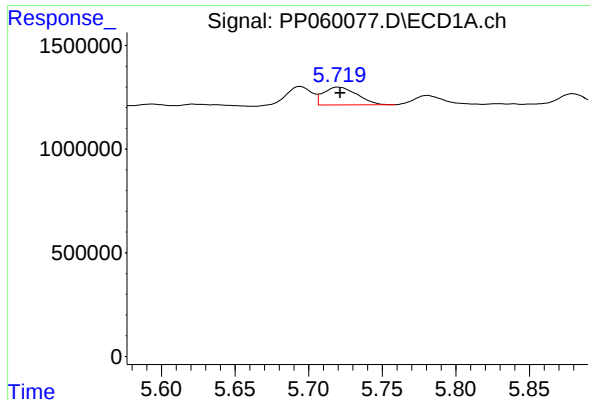
#16 AR-1242-1

R.T.: 5.694 min
Delta R.T.: -0.004 min
Response: 1030198
Conc: 17.25 ng/ml



#16 AR-1242-1

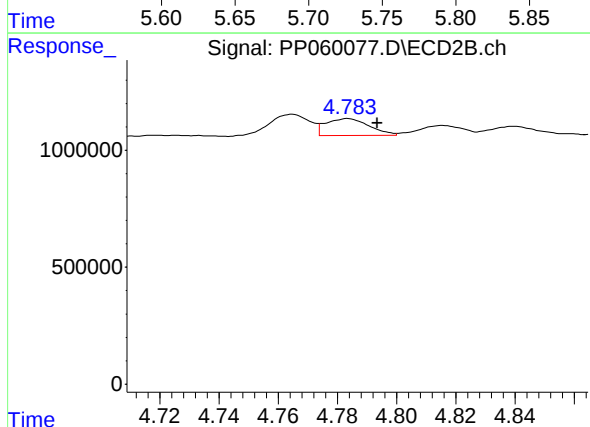
R.T.: 4.765 min
Delta R.T.: -0.009 min
Response: 884186
Conc: 16.79 ng/ml



#17 AR-1242-2

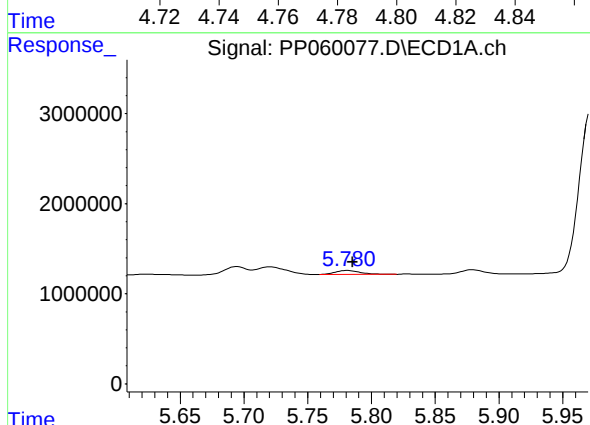
R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 1362945
Conc: 16.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



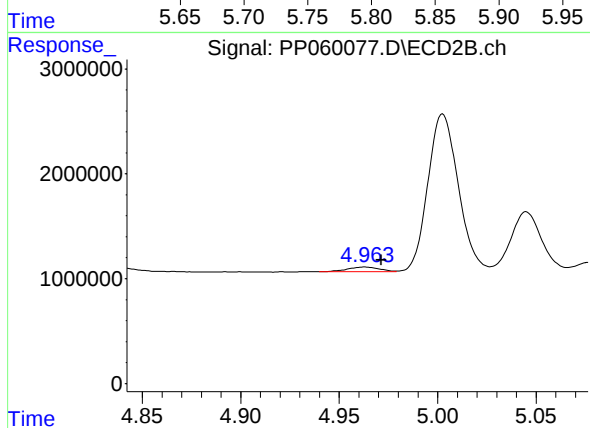
#17 AR-1242-2

R.T.: 4.784 min
Delta R.T.: -0.010 min
Response: 736367
Conc: 10.22 ng/ml



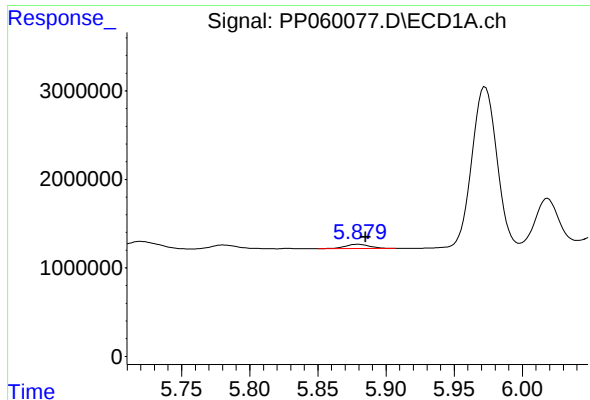
#18 AR-1242-3

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 610381
Conc: 11.67 ng/ml



#18 AR-1242-3

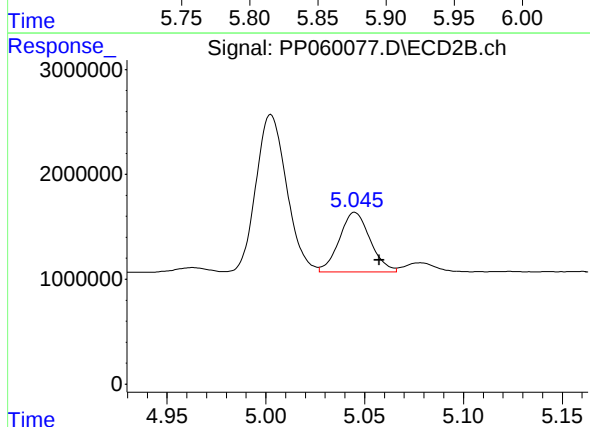
R.T.: 4.963 min
Delta R.T.: -0.008 min
Response: 499342
Conc: 12.76 ng/ml



#19 AR-1242-4

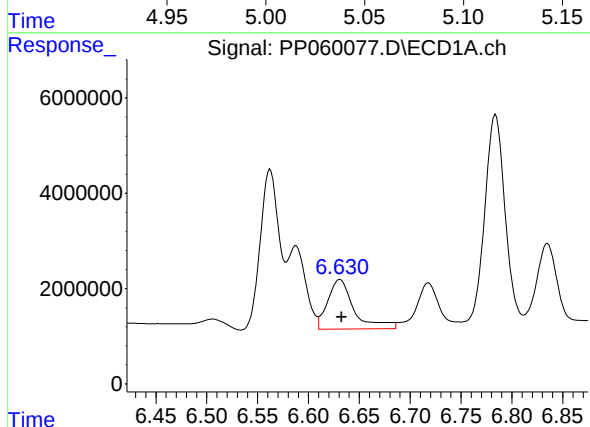
R.T.: 5.880 min
Delta R.T.: -0.006 min
Response: 584465
Conc: 13.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



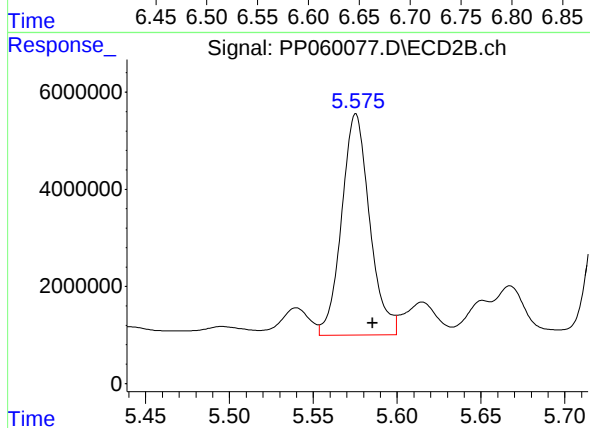
#19 AR-1242-4

R.T.: 5.045 min
Delta R.T.: -0.012 min
Response: 6205113
Conc: 158.34 ng/ml



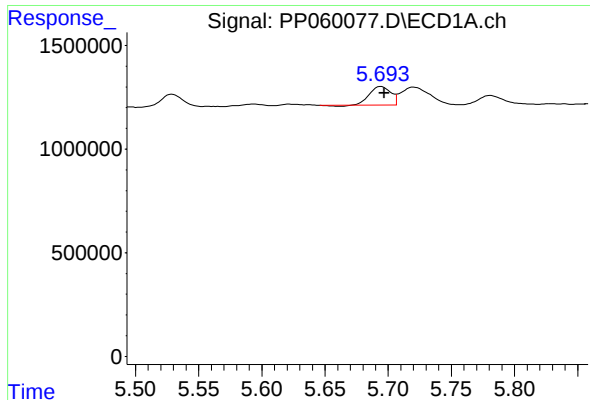
#20 AR-1242-5

R.T.: 6.631 min
Delta R.T.: -0.002 min
Response: 18719466
Conc: 409.44 ng/ml



#20 AR-1242-5

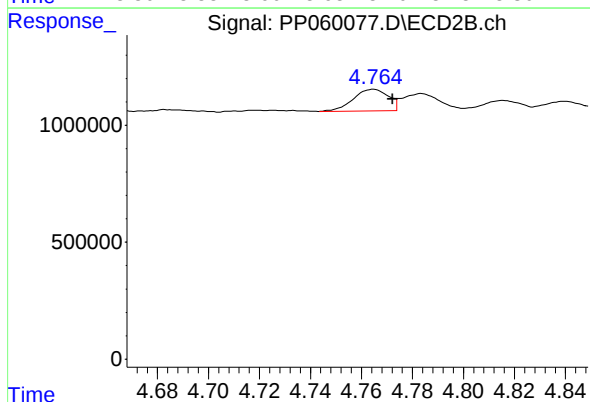
R.T.: 5.575 min
Delta R.T.: -0.010 min
Response: 53054778
Conc: 1096.63 ng/ml



#21 AR-1248-1

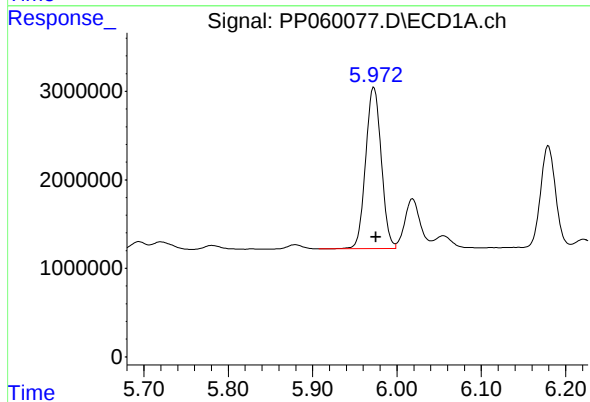
R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 1030198
Conc: 23.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



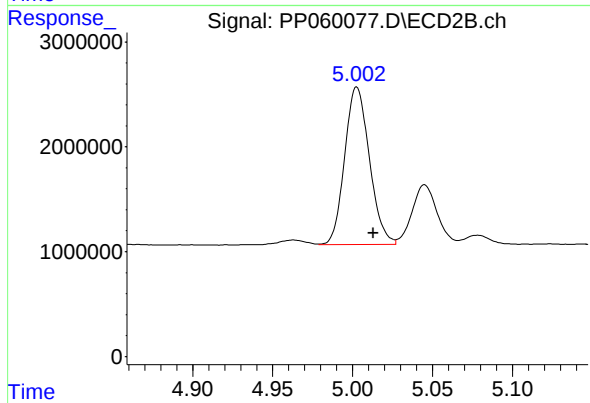
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: -0.007 min
Response: 884186
Conc: 22.63 ng/ml



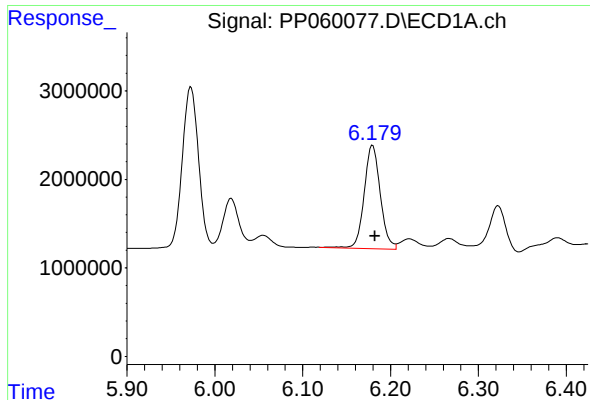
#22 AR-1248-2

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 23346649
Conc: 360.49 ng/ml



#22 AR-1248-2

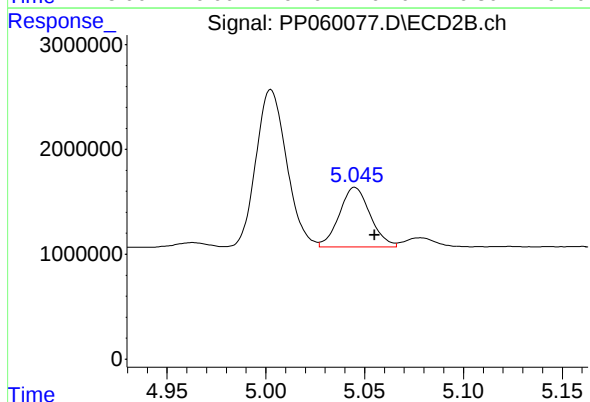
R.T.: 5.003 min
Delta R.T.: -0.010 min
Response: 16206371
Conc: 299.10 ng/ml



#23 AR-1248-3

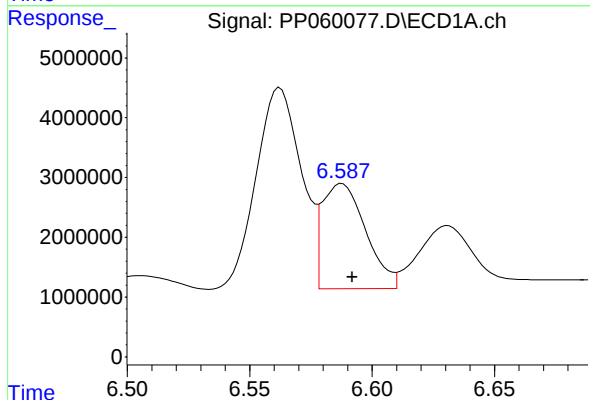
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 14858972
Conc: 209.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



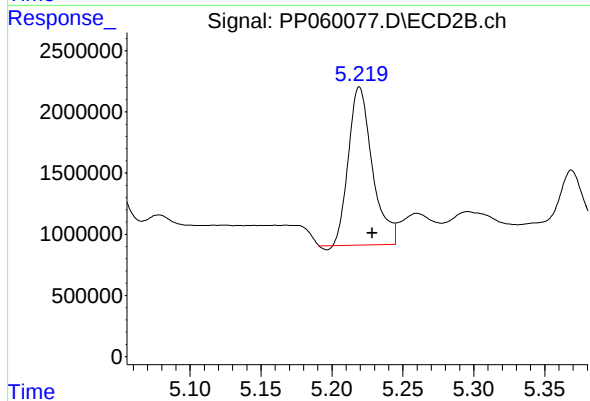
#23 AR-1248-3

R.T.: 5.045 min
Delta R.T.: -0.010 min
Response: 6205113
Conc: 109.05 ng/ml



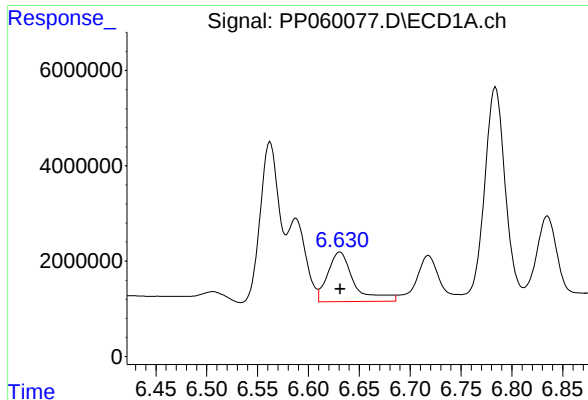
#24 AR-1248-4

R.T.: 6.588 min
Delta R.T.: -0.004 min
Response: 21666888
Conc: 280.14 ng/ml



#24 AR-1248-4

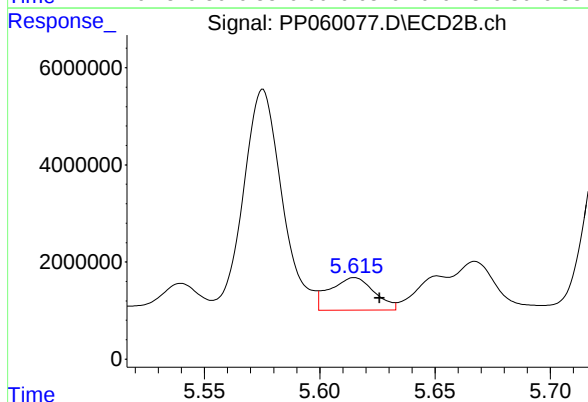
R.T.: 5.219 min
Delta R.T.: -0.009 min
Response: 15084093
Conc: 224.59 ng/ml



#25 AR-1248-5

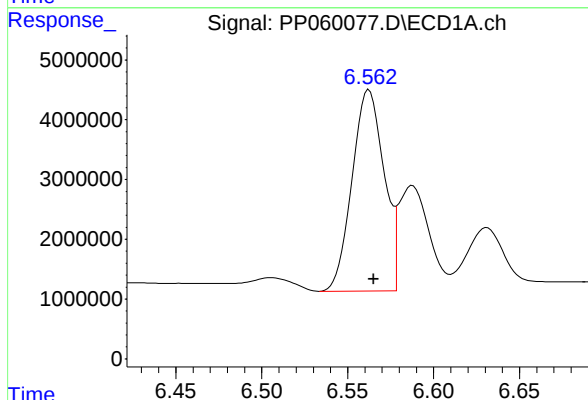
R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 18719466
Conc: 248.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



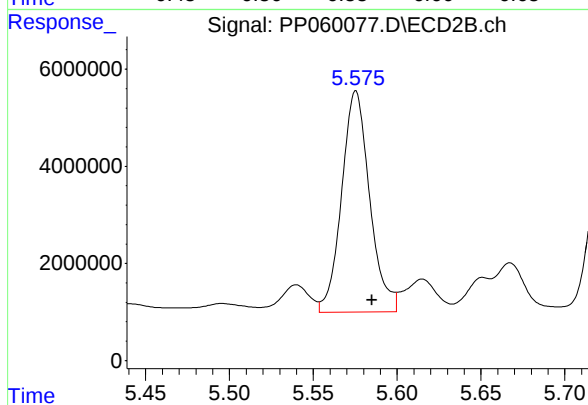
#25 AR-1248-5

R.T.: 5.615 min
Delta R.T.: -0.011 min
Response: 9015345
Conc: 136.67 ng/ml



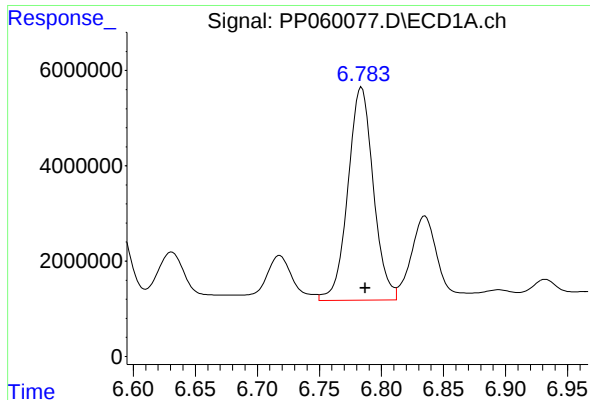
#26 AR-1254-1

R.T.: 6.562 min
Delta R.T.: -0.003 min
Response: 43498342
Conc: 544.84 ng/ml



#26 AR-1254-1

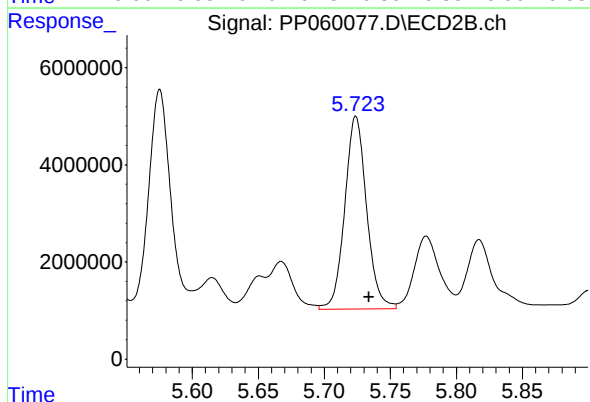
R.T.: 5.575 min
Delta R.T.: -0.010 min
Response: 53054778
Conc: 528.66 ng/ml



#27 AR-1254-2

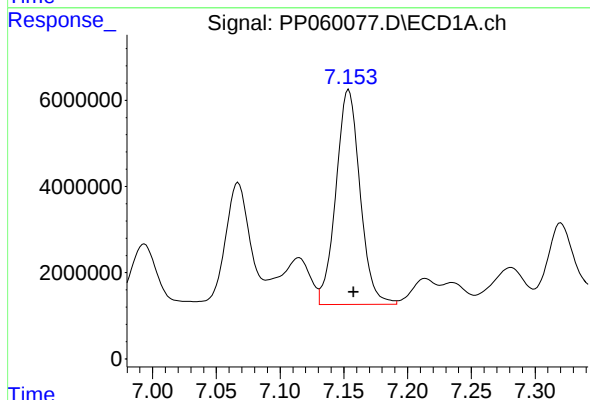
R.T.: 6.784 min
Delta R.T.: -0.003 min
Response: 63701620
Conc: 531.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



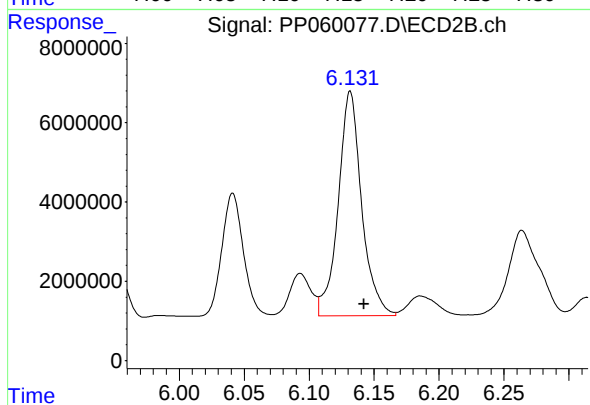
#27 AR-1254-2

R.T.: 5.724 min
Delta R.T.: -0.010 min
Response: 45722114
Conc: 526.29 ng/ml



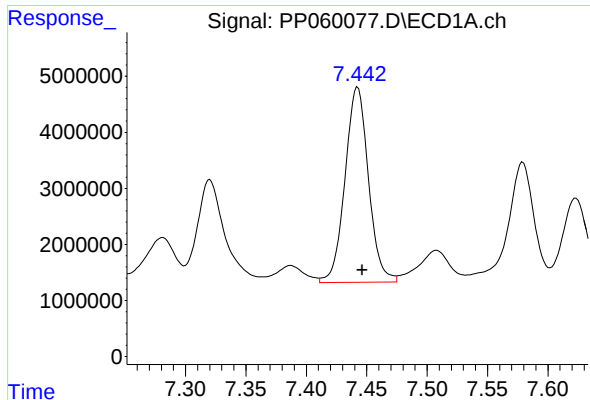
#28 AR-1254-3

R.T.: 7.154 min
Delta R.T.: -0.004 min
Response: 65563423
Conc: 539.70 ng/ml



#28 AR-1254-3

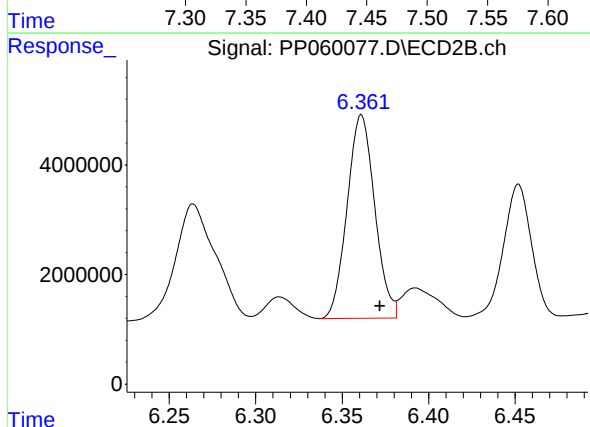
R.T.: 6.132 min
Delta R.T.: -0.011 min
Response: 71138043
Conc: 506.68 ng/ml



#29 AR-1254-4

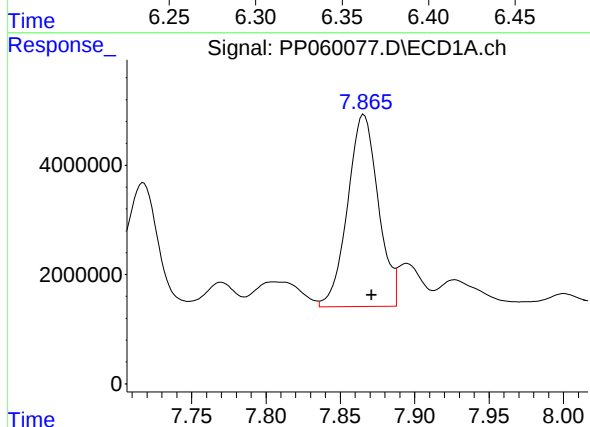
R.T.: 7.443 min
Delta R.T.: -0.004 min
Response: 47131453
Conc: 529.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



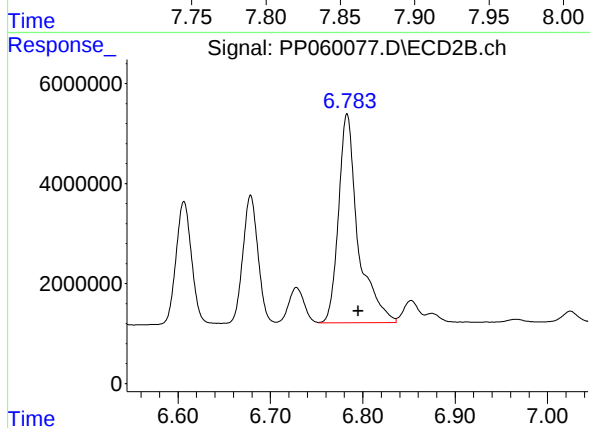
#29 AR-1254-4

R.T.: 6.361 min
Delta R.T.: -0.011 min
Response: 41260307
Conc: 490.17 ng/ml



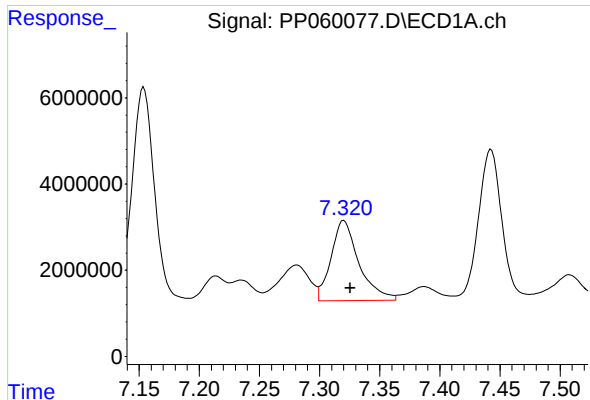
#30 AR-1254-5

R.T.: 7.866 min
Delta R.T.: -0.005 min
Response: 50418893
Conc: 518.31 ng/ml



#30 AR-1254-5

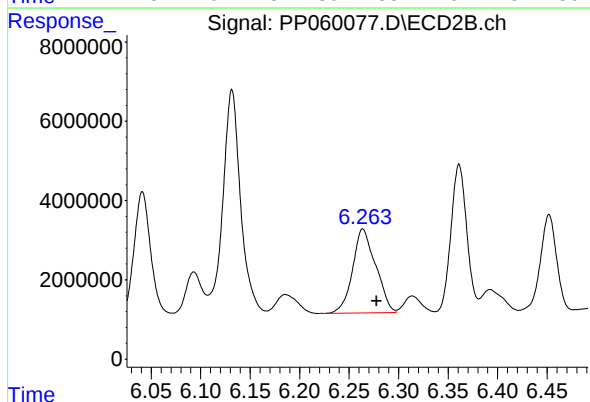
R.T.: 6.783 min
Delta R.T.: -0.012 min
Response: 61323771
Conc: 516.99 ng/ml



#31 AR-1260-1

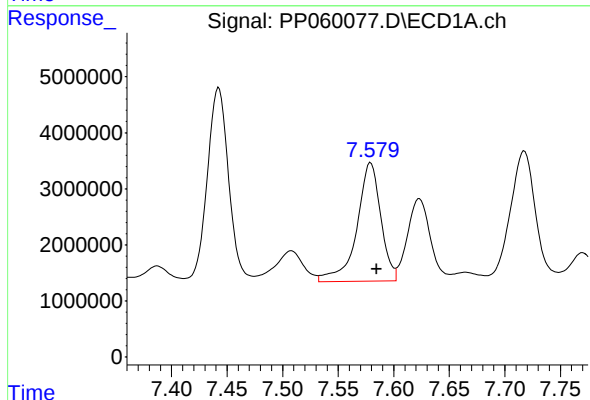
R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 30010206
Conc: 332.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



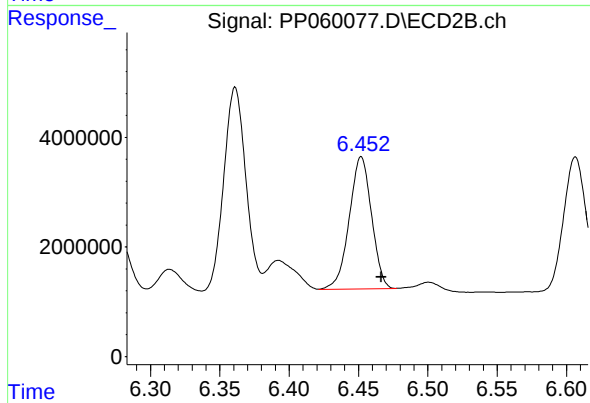
#31 AR-1260-1

R.T.: 6.264 min
Delta R.T.: -0.014 min
Response: 34363572
Conc: 369.04 ng/ml



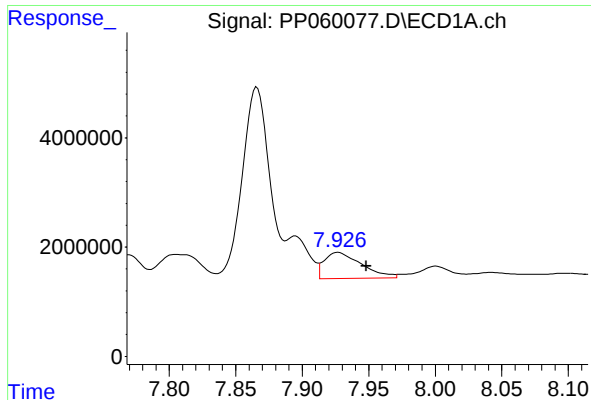
#32 AR-1260-2

R.T.: 7.579 min
Delta R.T.: -0.005 min
Response: 31702702
Conc: 309.03 ng/ml



#32 AR-1260-2

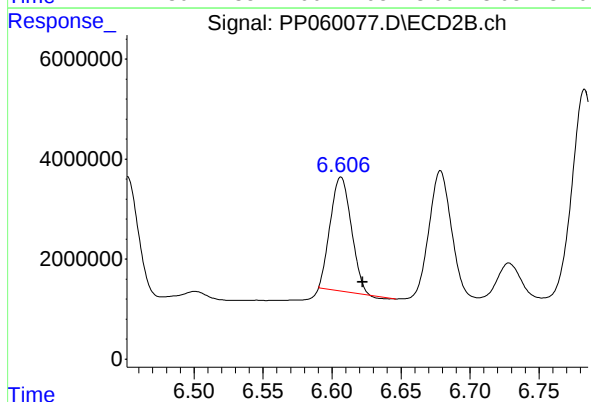
R.T.: 6.452 min
Delta R.T.: -0.014 min
Response: 26962797
Conc: 245.93 ng/ml



#33 AR-1260-3

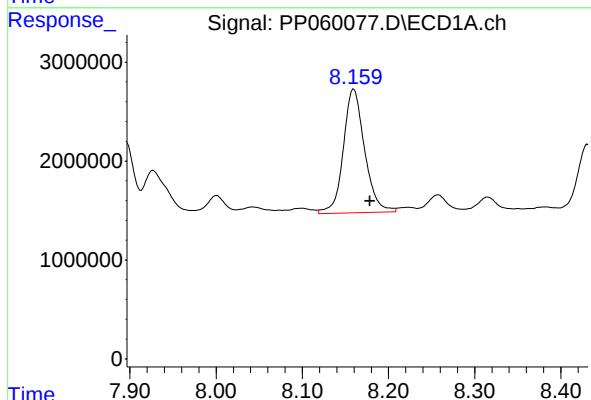
R.T.: 7.927 min
Delta R.T.: -0.021 min
Response: 9321441
Conc: 118.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



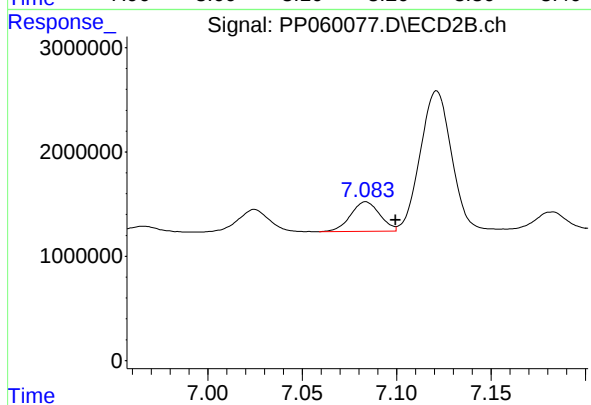
#33 AR-1260-3

R.T.: 6.606 min
Delta R.T.: -0.016 min
Response: 23929623
Conc: 232.66 ng/ml



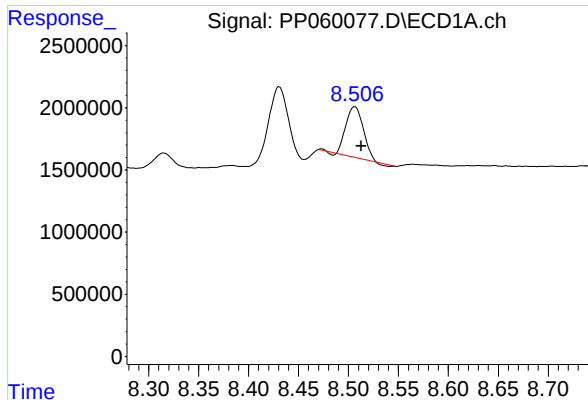
#34 AR-1260-4

R.T.: 8.160 min
Delta R.T.: -0.019 min
Response: 21455169
Conc: 239.40 ng/ml



#34 AR-1260-4

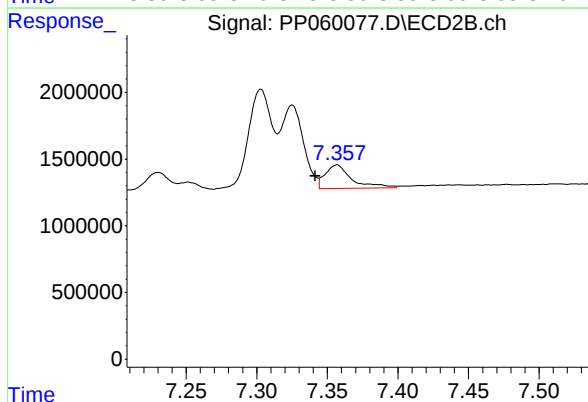
R.T.: 7.084 min
Delta R.T.: -0.016 min
Response: 3054271
Conc: 36.67 ng/ml



#35 AR-1260-5

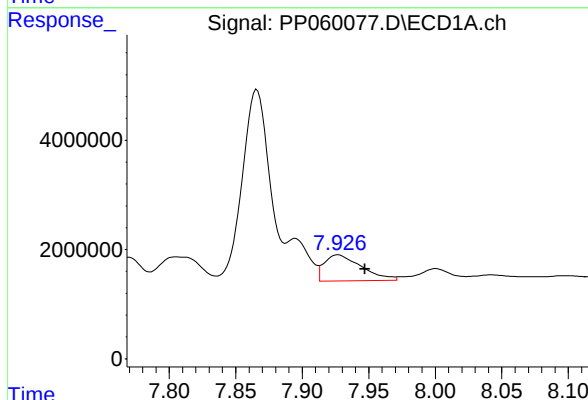
R.T.: 8.506 min
Delta R.T.: -0.006 min
Response: 4859375
Conc: 28.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



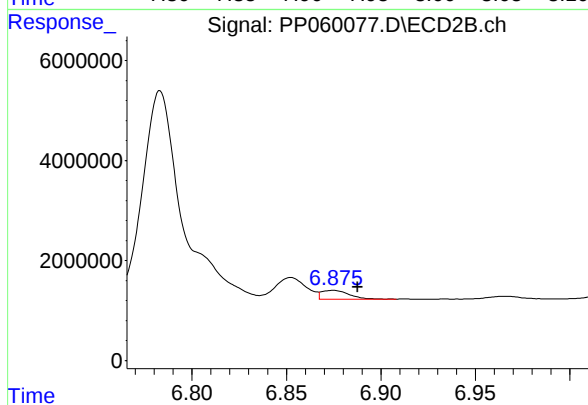
#35 AR-1260-5

R.T.: 7.357 min
Delta R.T.: 0.015 min
Response: 2293384
Conc: 11.92 ng/ml



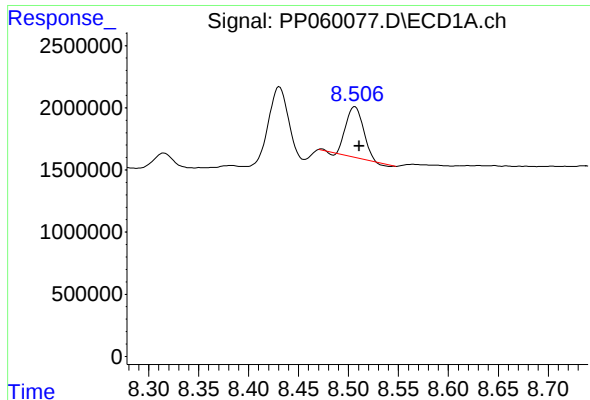
#36 AR-1262-1

R.T.: 7.927 min
Delta R.T.: -0.020 min
Response: 9321441
Conc: 80.54 ng/ml



#36 AR-1262-1

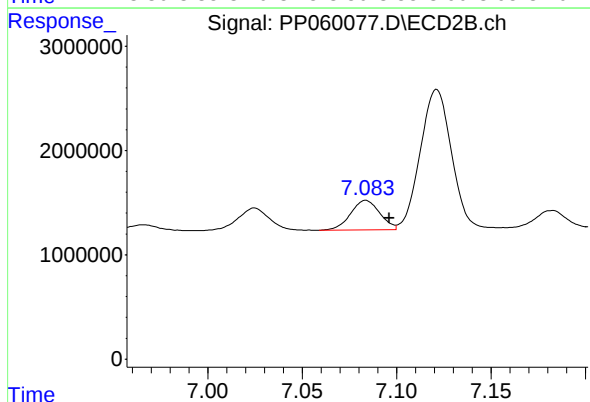
R.T.: 6.875 min
Delta R.T.: -0.013 min
Response: 1814503
Conc: 35.95 ng/ml



#37 AR-1262-2

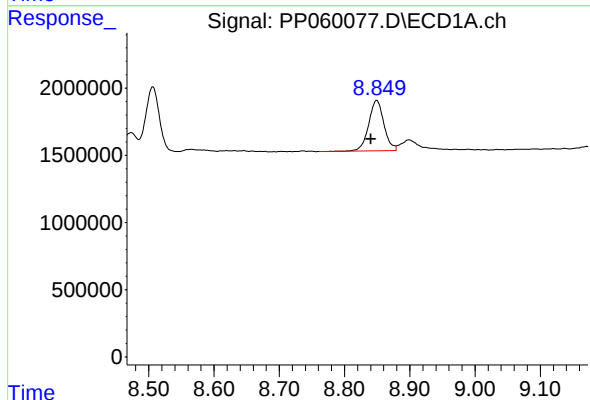
R.T.: 8.506 min
Delta R.T.: -0.004 min
Response: 4859375
Conc: 24.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



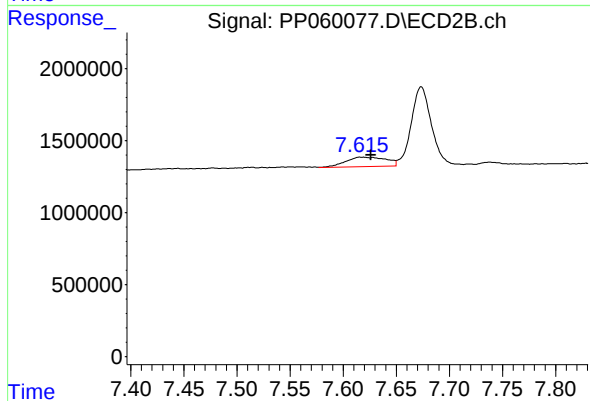
#37 AR-1262-2

R.T.: 7.084 min
Delta R.T.: -0.013 min
Response: 3054271
Conc: 27.04 ng/ml



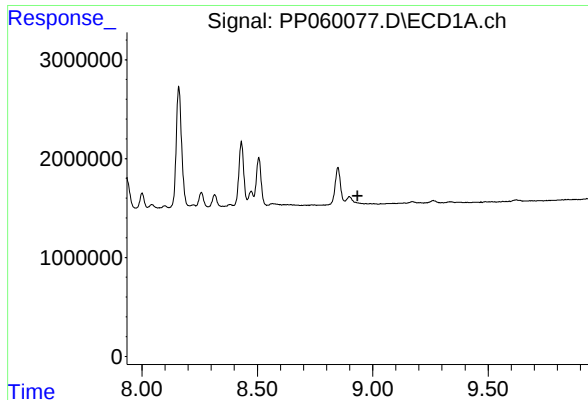
#38 AR-1262-3

R.T.: 8.850 min
Delta R.T.: 0.009 min
Response: 6092029
Conc: 42.31 ng/ml



#38 AR-1262-3

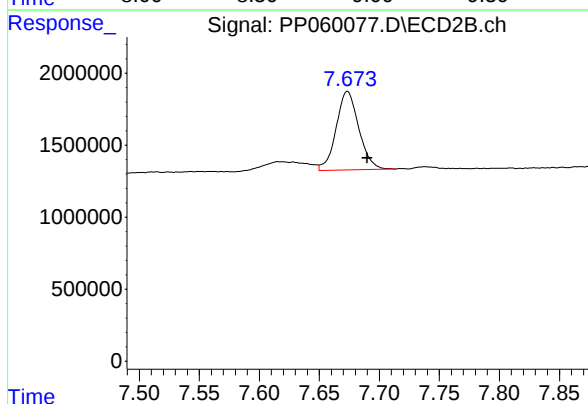
R.T.: 7.617 min
Delta R.T.: -0.009 min
Response: 1730996
Conc: 19.75 ng/ml



#39 AR-1262-4

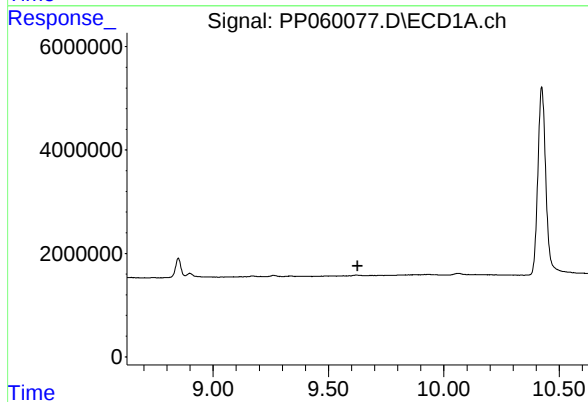
R.T.: 0.000 min
Exp R.T.: 8.934 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



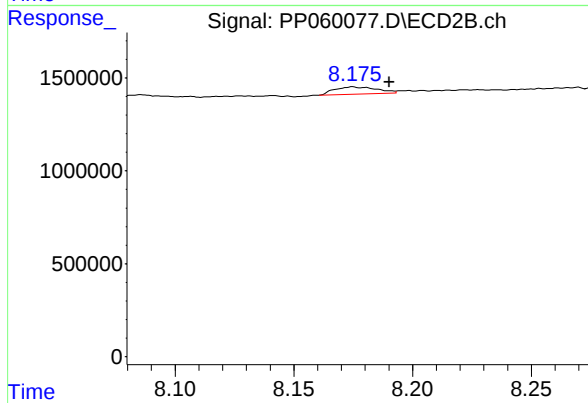
#39 AR-1262-4

R.T.: 7.673 min
Delta R.T.: -0.017 min
Response: 7171373
Conc: 43.91 ng/ml



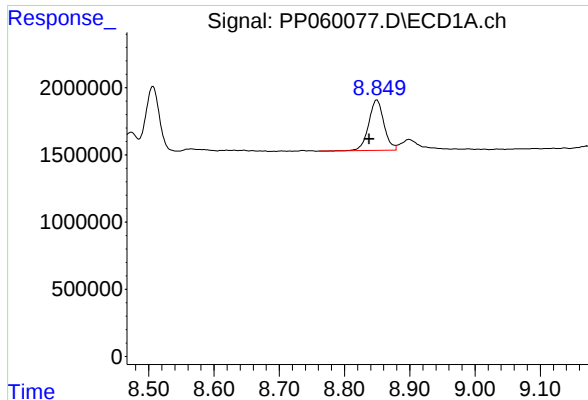
#40 AR-1262-5

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



#40 AR-1262-5

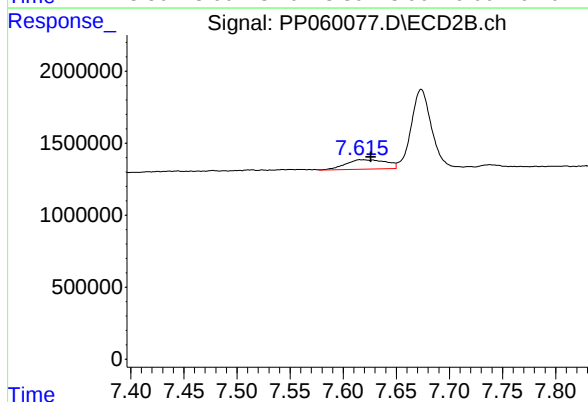
R.T.: 8.175 min
Delta R.T.: -0.015 min
Response: 491443
Conc: 6.58 ng/ml



#41 AR-1268-1

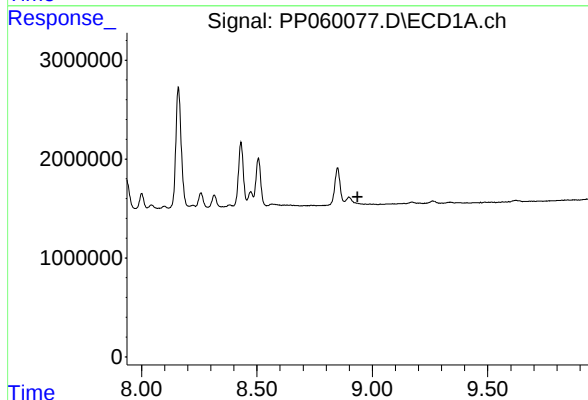
R.T.: 8.850 min
Delta R.T.: 0.012 min
Response: 6092029
Conc: 24.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



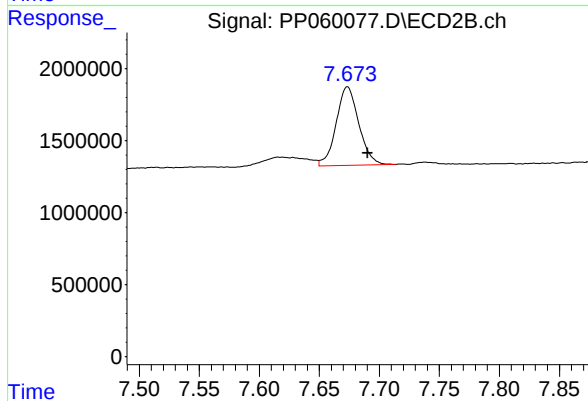
#41 AR-1268-1

R.T.: 7.617 min
Delta R.T.: -0.009 min
Response: 1730996
Conc: 6.65 ng/ml



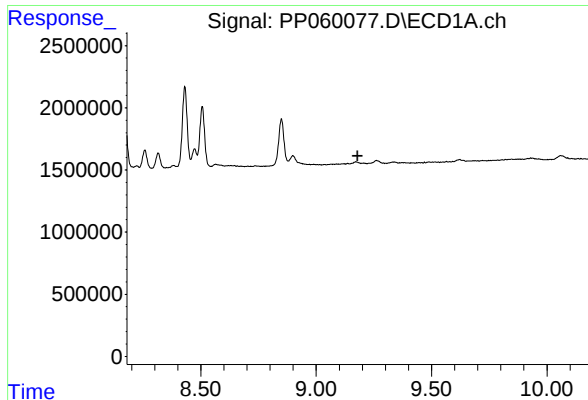
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.936 min
Response: 0
Conc: N.D.



#42 AR-1268-2

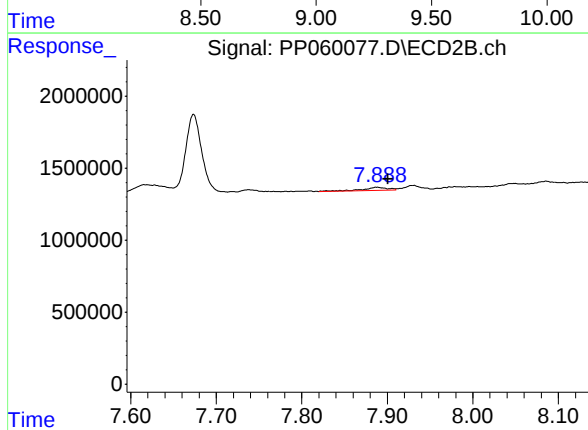
R.T.: 7.673 min
Delta R.T.: -0.017 min
Response: 7171373
Conc: 31.02 ng/ml



#43 AR-1268-3

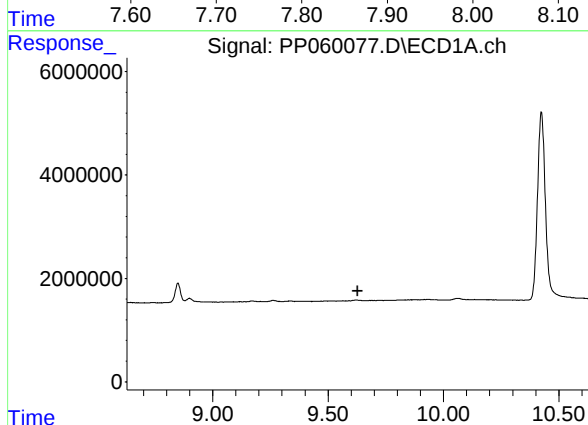
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



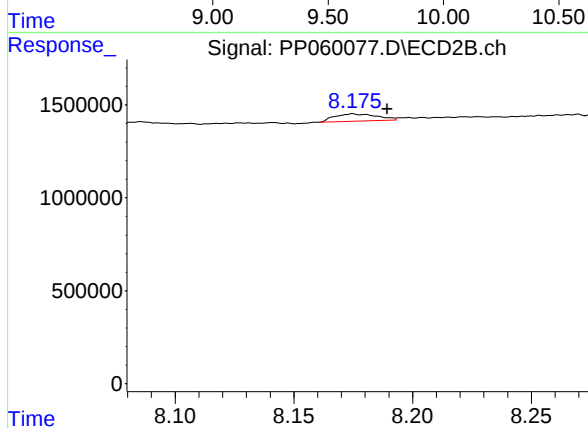
#43 AR-1268-3

R.T.: 7.888 min
Delta R.T.: -0.013 min
Response: 400354
Conc: 1.96 ng/ml



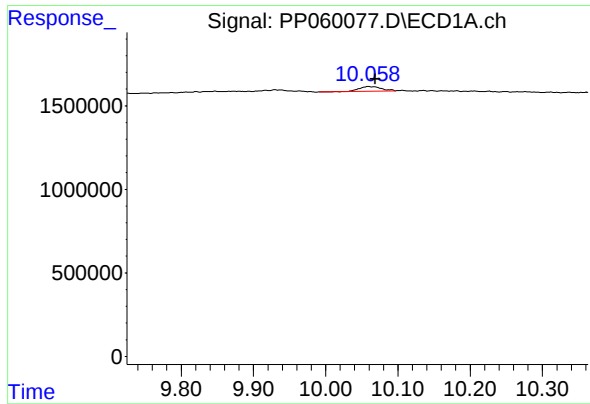
#44 AR-1268-4

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



#44 AR-1268-4

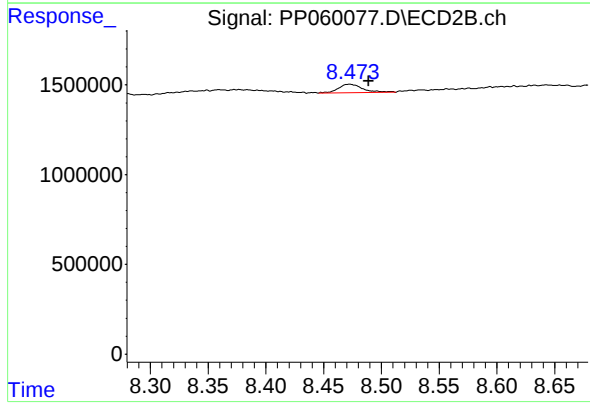
R.T.: 8.175 min
Delta R.T.: -0.014 min
Response: 491443
Conc: 6.09 ng/ml



#45 AR-1268-5

R.T.: 10.059 min
Delta R.T.: -0.010 min
Response: 597977
Conc: 0.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: -0.016 min
Response: 704360
Conc: 1.12 ng/ml