

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092023\
 Data File : PP060041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 20:16
 Operator : YP\AJ
 Sample : 04506-02 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 02:24:56 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...	4.505	3.668	3898128	1953017	1.874	1.199 #
2)	SA Decachlor...	10.431	8.741	4334778	3849241	2.842	2.542
Target Compounds							
3)	L1 AR-1016-1	5.677f	4.776	525043	726336	7.781	12.082 #
4)	L1 AR-1016-2	0.000	4.812f	0	4622731	N.D.	55.694 #
5)	L1 AR-1016-3	5.806f	4.951f	127343	1931601	2.139	43.059 #
6)	L1 AR-1016-4	5.873	5.034f	1214813	5321953	24.809	150.854 #
7)	L1 AR-1016-5	6.187	0.000	1015694	0	20.658	N.D. #
8)	L2 AR-1221-1	0.000	3.896	0	986056	N.D.	44.892 #
9)	L2 AR-1221-2	4.825f	3.993f	3149642	561009	160.018	36.337 #
10)	L2 AR-1221-3	0.000	4.040	0	138641	N.D.	2.956 #
11)	L3 AR-1232-1	0.000	4.040	0	138641	N.D.	3.647 #
12)	L3 AR-1232-2	5.411	4.776f	10221810	726336	402.454	19.698 #
13)	L3 AR-1232-3	0.000	4.951f	0	1931601	N.D.	96.467 #
14)	L3 AR-1232-4	5.873	5.034f	1214813	5321953	54.962	291.350 #
16)	L4 AR-1242-1	5.677f	4.776	525043	726336	8.791	13.793 #
17)	L4 AR-1242-2	0.000	4.776f	0	726336	N.D.	10.080 #
18)	L4 AR-1242-3	5.806f	4.951f	127343	1931601	2.435	49.359 #
19)	L4 AR-1242-4	5.873	5.034f	1214813	5321953	28.191	135.801 #
20)	L4 AR-1242-5	6.631	5.603f	2088822	800706	45.688	16.550 #
21)	L5 AR-1248-1	5.677f	4.776	525043	726336	11.747	18.589 #
22)	L5 AR-1248-2	0.000	5.034f	0	5321953	N.D.	98.221 #
23)	L5 AR-1248-3	6.187	5.034f	1015694	5321953	14.341	93.532 #
24)	L5 AR-1248-4	6.592	0.000	3292532	0	42.570	N.D. #
25)	L5 AR-1248-5	6.631	5.630	2088822	2422920	27.762	36.731 #
26)	L6 AR-1254-1	6.547f	5.603f	1096266	800706	13.731	7.979 #
27)	L6 AR-1254-2	6.785	5.726	1234154	315560	10.304	3.632 #
28)	L6 AR-1254-3	7.129f	6.156	1653748	905900	13.613	6.452 #
29)	L6 AR-1254-4	7.456	6.366	2572898	624788	28.932	7.422 #
30)	L6 AR-1254-5	0.000	6.789	0	2565069	N.D.	21.625 #
31)	L7 AR-1260-1	7.330	6.279	128208	916055	1.422	9.838 #
32)	L7 AR-1260-2	7.590	6.473	733449	817572	7.149	7.457
33)	L7 AR-1260-3	7.952	6.633	6143111	1529737	77.999	14.873 #
34)	L7 AR-1260-4	8.169	7.128f	812119	373257	9.062	4.482 #
35)	L7 AR-1260-5	0.000	7.313f	0	1096513	N.D.	5.699 #
36)	L8 AR-1262-1	7.952	6.875	6143111	208600	53.080	4.133 #
37)	L8 AR-1262-2	0.000	7.070f	0	1174351	N.D.	10.395 #
38)	L8 AR-1262-3	8.852	7.606f	6191330	1680840	42.995	19.176 #
39)	L8 AR-1262-4	0.000	7.680	0	972338	N.D.	5.954 #
40)	L8 AR-1262-5	0.000	8.187	0	390823	N.D.	5.236 #
41)	L9 AR-1268-1	8.852	7.606f	6191330	1680840	24.690	6.456 #
42)	L9 AR-1268-2	0.000	7.680	0	972338	N.D.	4.206 #

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 Quant Time: Sep 21 02:24:56 2023
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 Quant Title : GC EXTRACTABLES
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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
43) L9	AR-1268-3	9.196f	7.906	753549	398661	3.819	1.953 #
44) L9	AR-1268-4	0.000	8.187	0	390823	N.D.	4.840 #
45) L9	AR-1268-5	0.000	8.483	0	2466758	N.D.	3.905 #

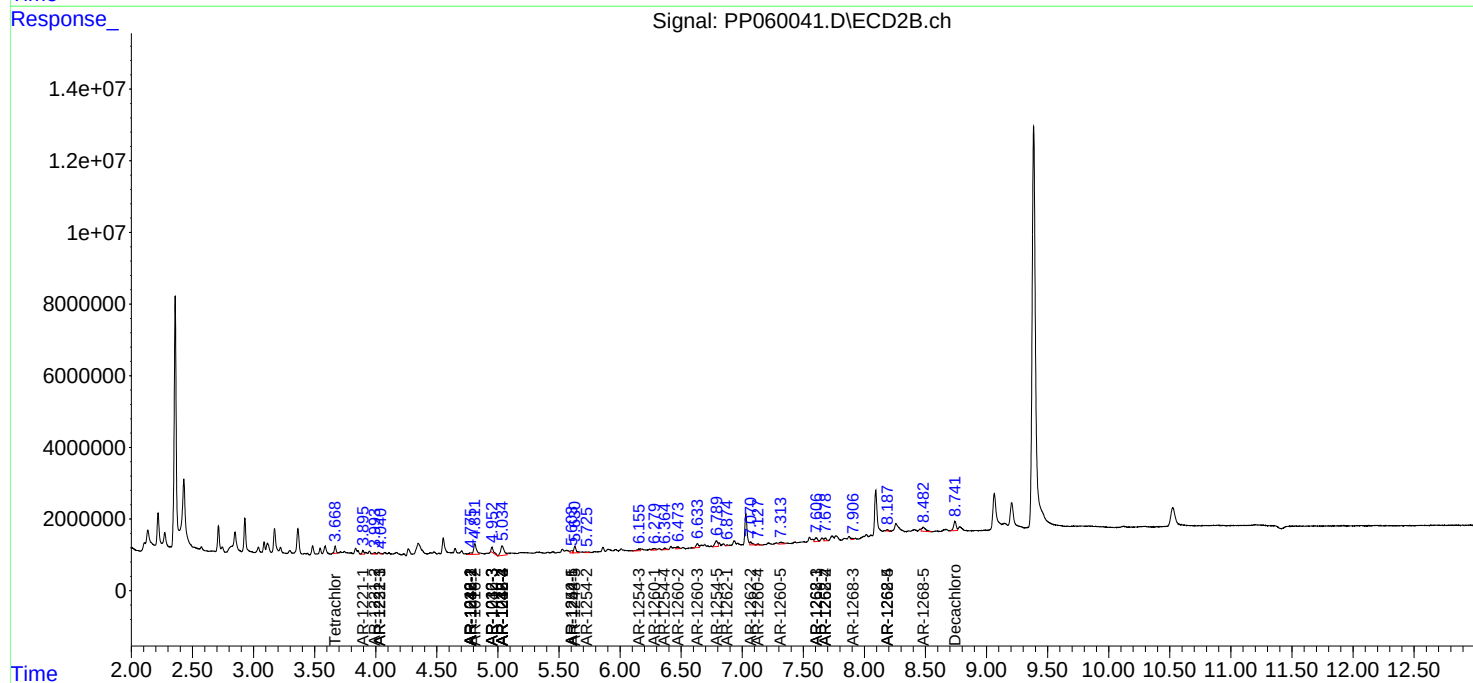
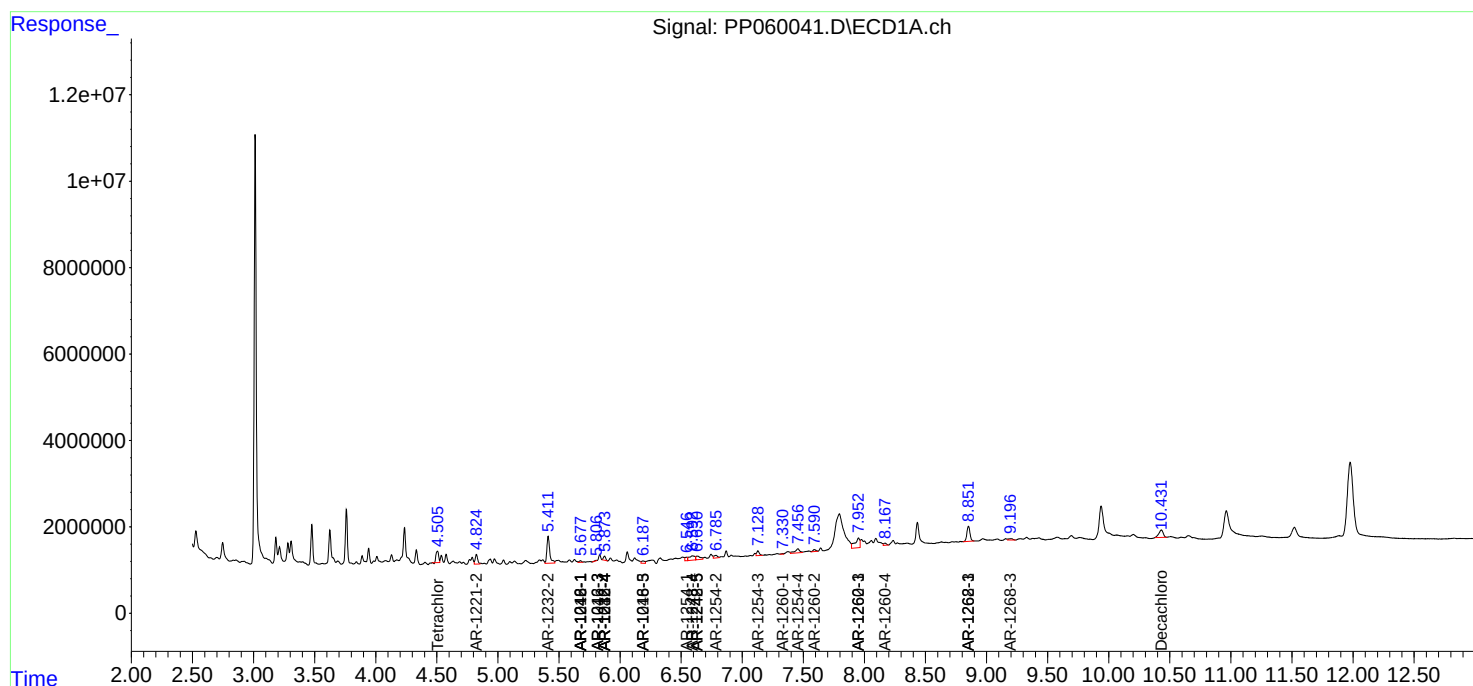
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

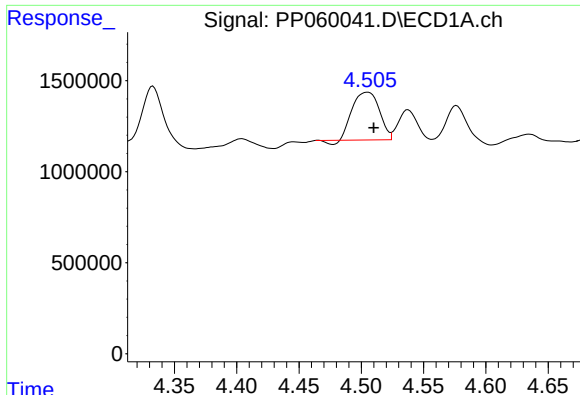
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092023\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

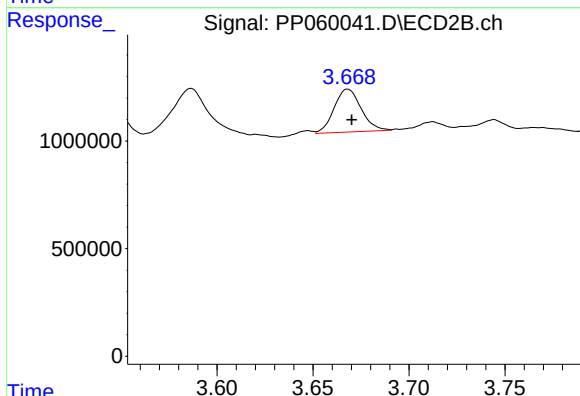




#1 Tetrachloro-m-xylene

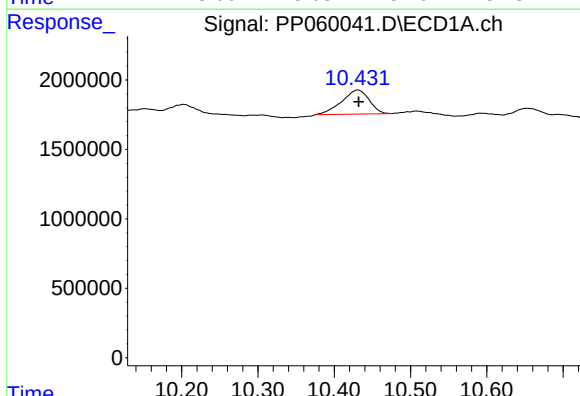
R.T.: 4.505 min
Delta R.T.: -0.005 min
Response: 3898128
Conc: 1.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



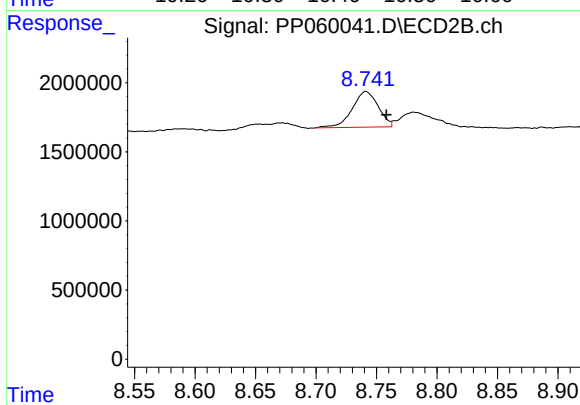
#1 Tetrachloro-m-xylene

R.T.: 3.668 min
Delta R.T.: -0.002 min
Response: 1953017
Conc: 1.20 ng/ml



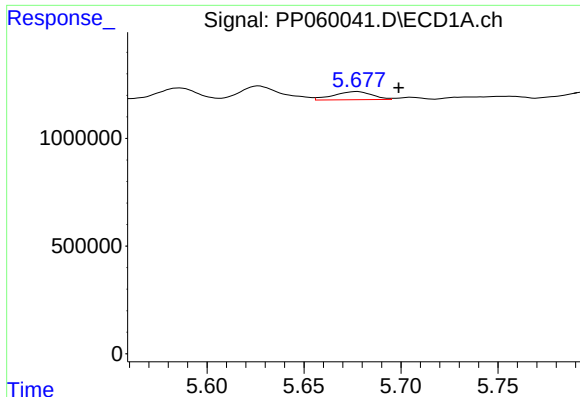
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: 0.000 min
Response: 4334778
Conc: 2.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: -0.017 min
Response: 3849241
Conc: 2.54 ng/ml



#3 AR-1016-1

R.T.: 5.677 min
Delta R.T.: -0.021 min
Response: 525043
Conc: 7.78 ng/ml

Instrument :
ECD_P
ClientSampleId :

#3 AR-1016-1

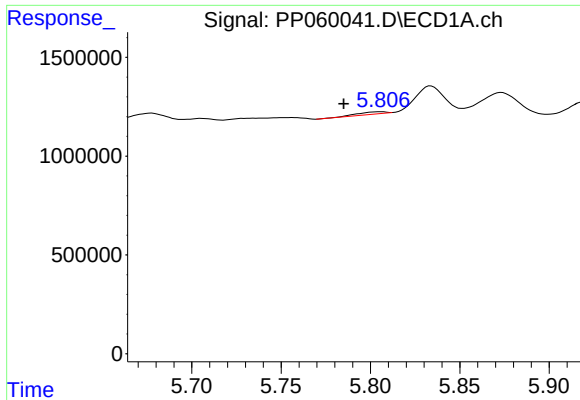
R.T.: 4.776 min
Delta R.T.: 0.001 min
Response: 726336
Conc: 12.08 ng/ml

#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.721 min
Response: 0
Conc: N.D.

#4 AR-1016-2

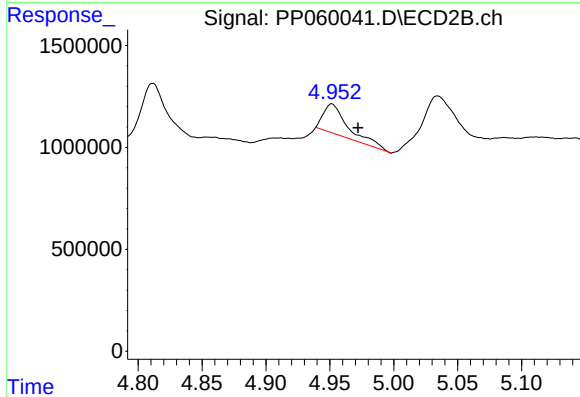
R.T.: 4.812 min
Delta R.T.: 0.018 min
Response: 4622731
Conc: 55.69 ng/ml



#5 AR-1016-3

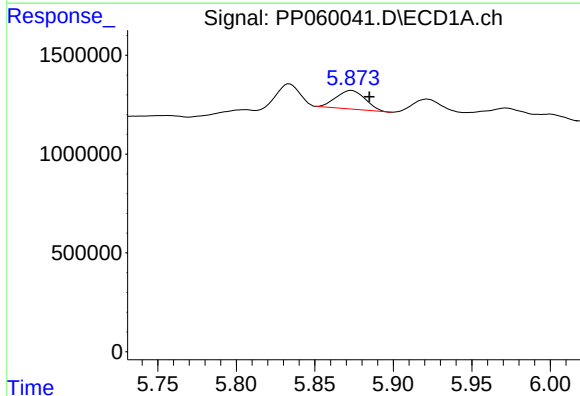
R.T.: 5.806 min
Delta R.T.: 0.021 min
Response: 127343
Conc: 2.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



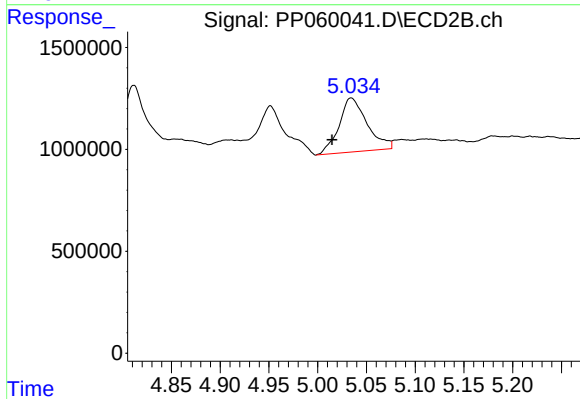
#5 AR-1016-3

R.T.: 4.951 min
Delta R.T.: -0.021 min
Response: 1931601
Conc: 43.06 ng/ml



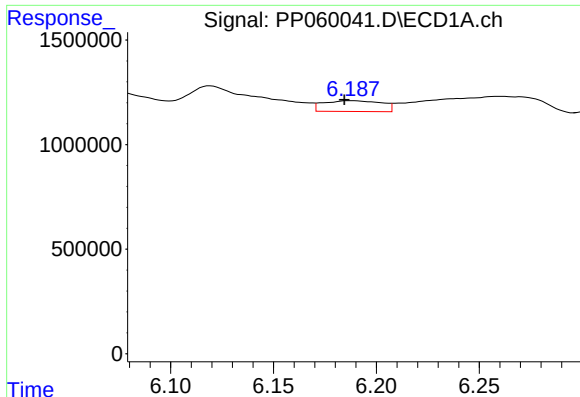
#6 AR-1016-4

R.T.: 5.873 min
Delta R.T.: -0.011 min
Response: 1214813
Conc: 24.81 ng/ml



#6 AR-1016-4

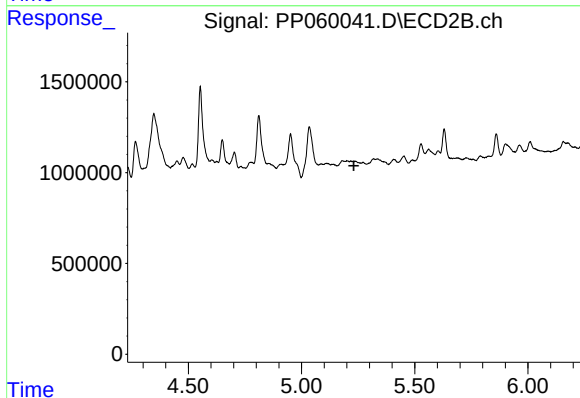
R.T.: 5.034 min
Delta R.T.: 0.020 min
Response: 5321953
Conc: 150.85 ng/ml



#7 AR-1016-5

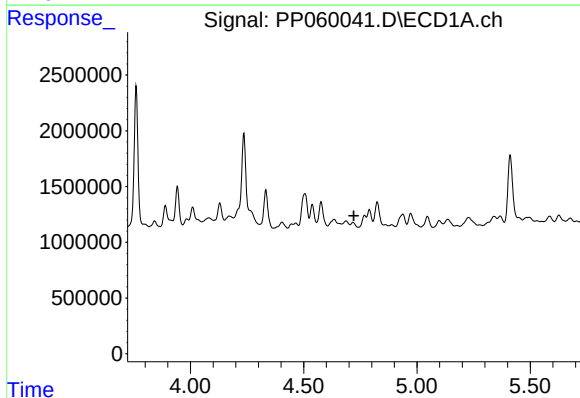
R.T.: 6.187 min
Delta R.T.: 0.003 min
Response: 1015694
Conc: 20.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



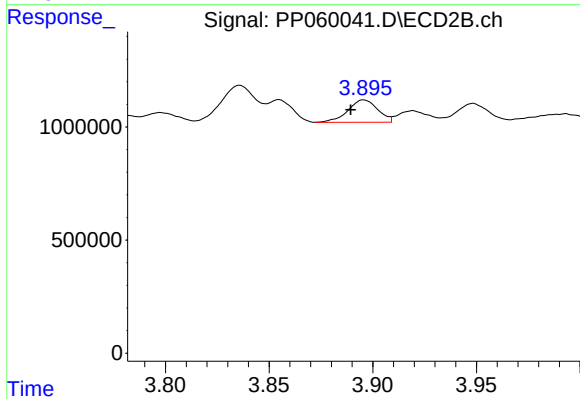
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.231 min
Response: 0
Conc: N.D.



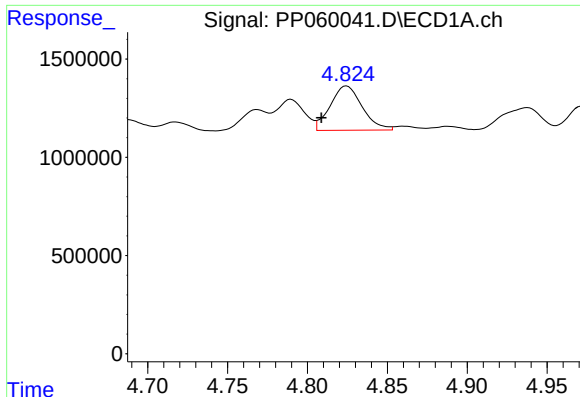
#8 AR-1221-1

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



#8 AR-1221-1

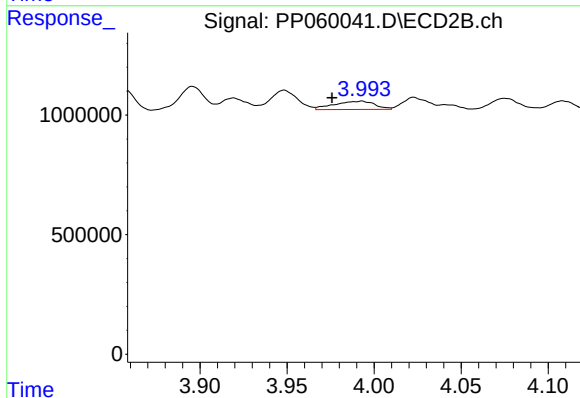
R.T.: 3.896 min
Delta R.T.: 0.006 min
Response: 986056
Conc: 44.89 ng/ml



#9 AR-1221-2

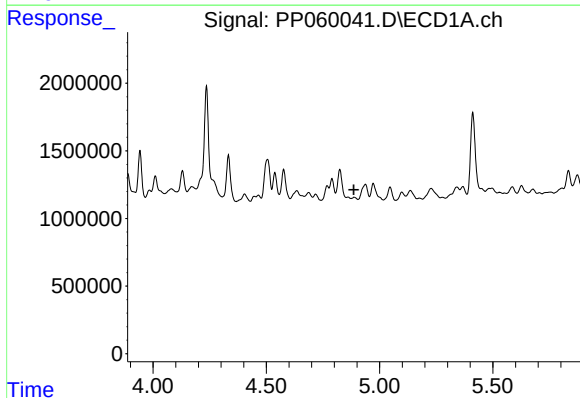
R.T.: 4.825 min
Delta R.T.: 0.016 min
Response: 3149642
Conc: 160.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



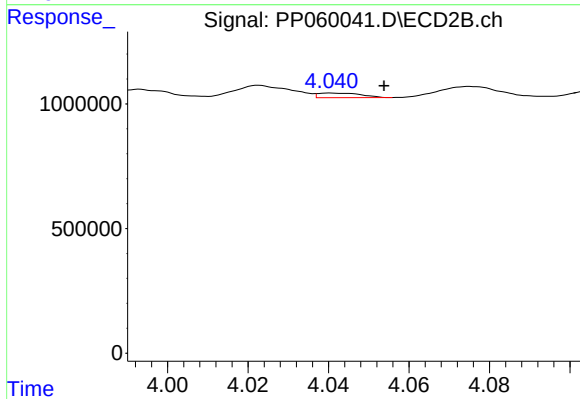
#9 AR-1221-2

R.T.: 3.993 min
Delta R.T.: 0.017 min
Response: 561009
Conc: 36.34 ng/ml



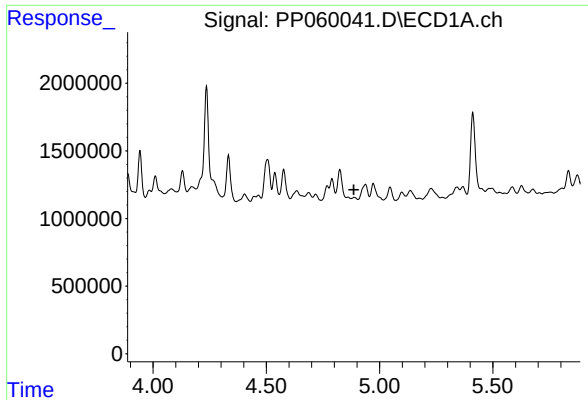
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.887 min
Response: 0
Conc: N.D.



#10 AR-1221-3

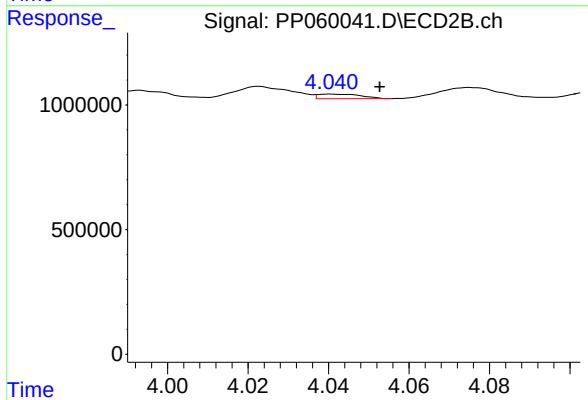
R.T.: 4.040 min
Delta R.T.: -0.013 min
Response: 138641
Conc: 2.96 ng/ml



#11 AR-1232-1

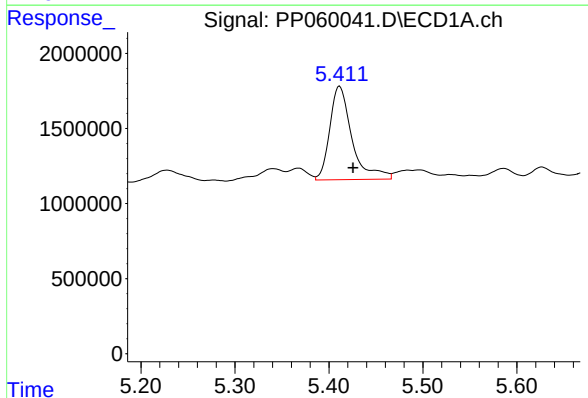
R.T.: 0.000 min
Exp R.T.: 4.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



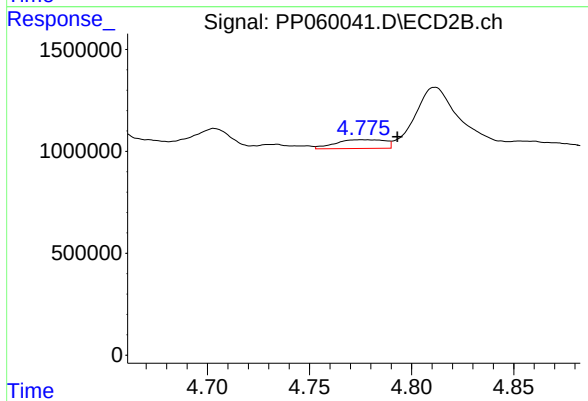
#11 AR-1232-1

R.T.: 4.040 min
Delta R.T.: -0.012 min
Response: 138641
Conc: 3.65 ng/ml



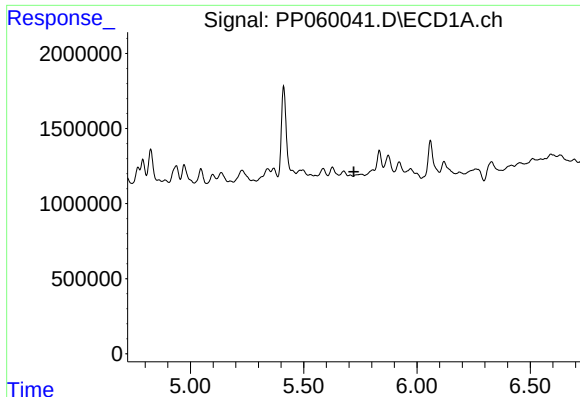
#12 AR-1232-2

R.T.: 5.411 min
Delta R.T.: -0.014 min
Response: 10221810
Conc: 402.45 ng/ml



#12 AR-1232-2

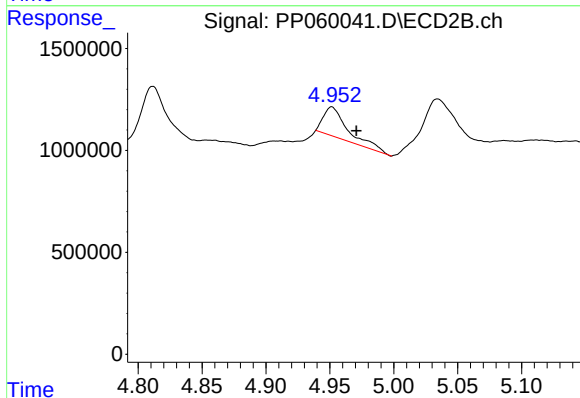
R.T.: 4.776 min
Delta R.T.: -0.017 min
Response: 726336
Conc: 19.70 ng/ml



#13 AR-1232-3

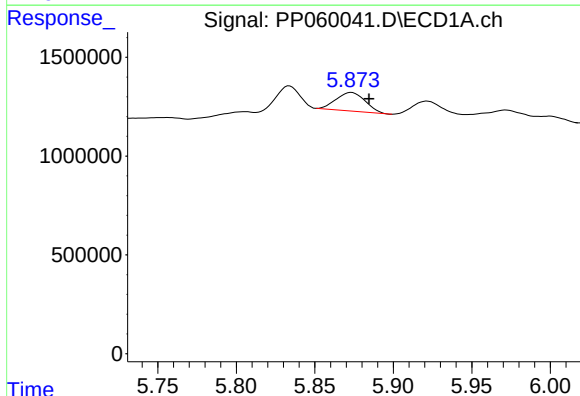
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



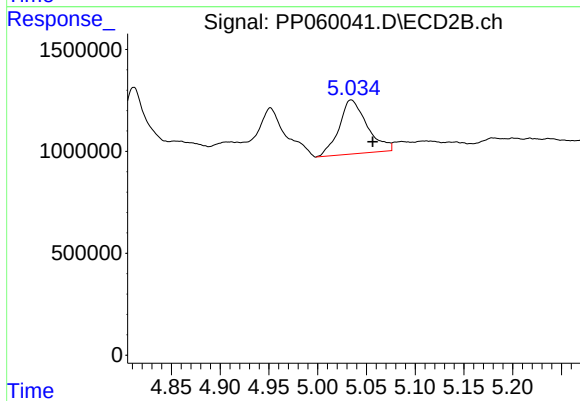
#13 AR-1232-3

R.T.: 4.951 min
Delta R.T.: -0.019 min
Response: 1931601
Conc: 96.47 ng/ml



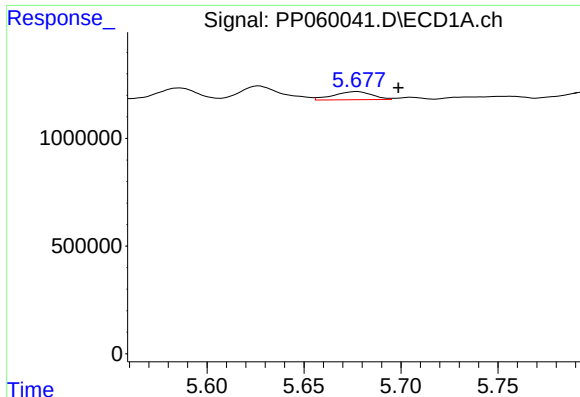
#14 AR-1232-4

R.T.: 5.873 min
Delta R.T.: -0.011 min
Response: 1214813
Conc: 54.96 ng/ml



#14 AR-1232-4

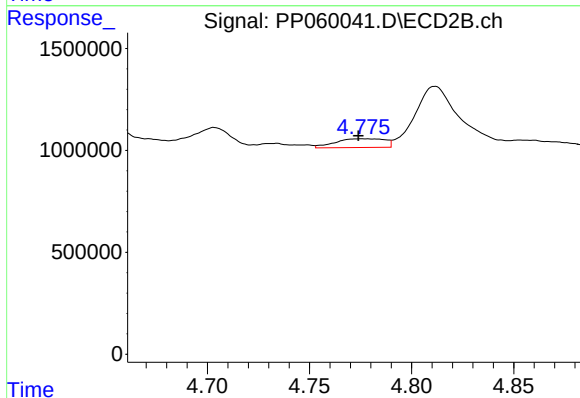
R.T.: 5.034 min
Delta R.T.: -0.022 min
Response: 5321953
Conc: 291.35 ng/ml



#16 AR-1242-1

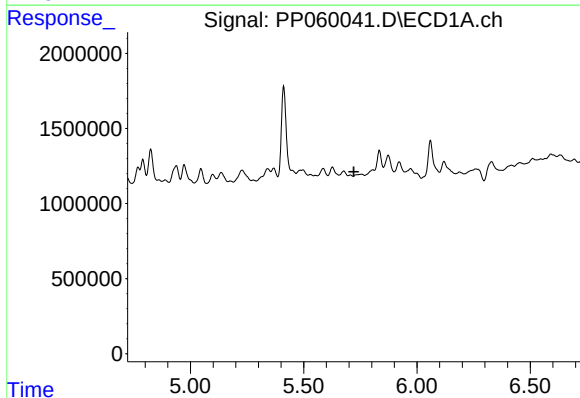
R.T.: 5.677 min
Delta R.T.: -0.021 min
Response: 525043
Conc: 8.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



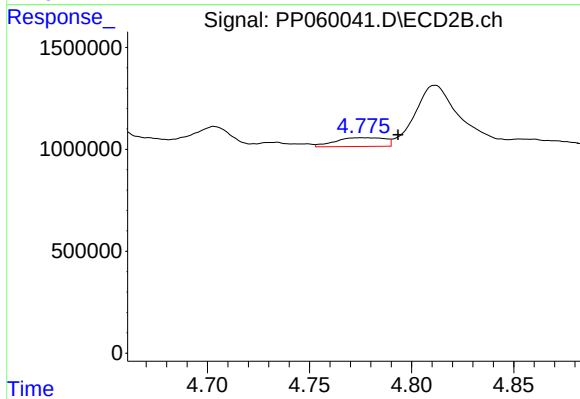
#16 AR-1242-1

R.T.: 4.776 min
Delta R.T.: 0.002 min
Response: 726336
Conc: 13.79 ng/ml



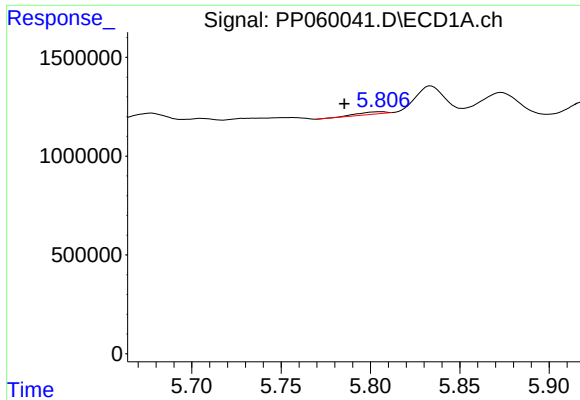
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.721 min
Response: 0
Conc: N.D.



#17 AR-1242-2

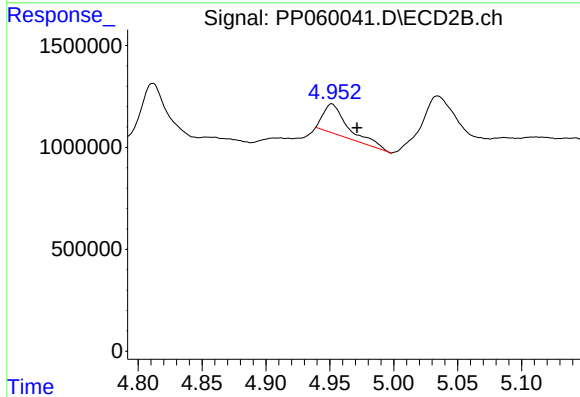
R.T.: 4.776 min
Delta R.T.: -0.018 min
Response: 726336
Conc: 10.08 ng/ml



#18 AR-1242-3

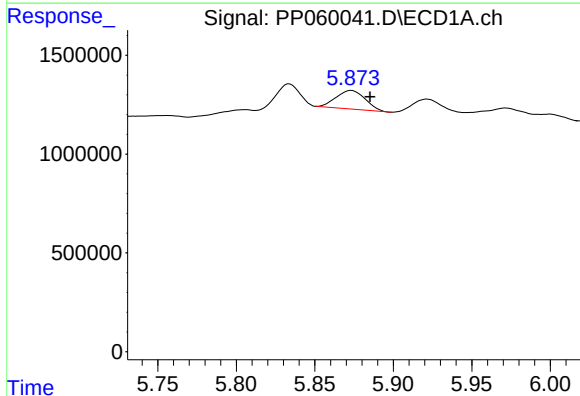
R.T.: 5.806 min
Delta R.T.: 0.021 min
Response: 127343
Conc: 2.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



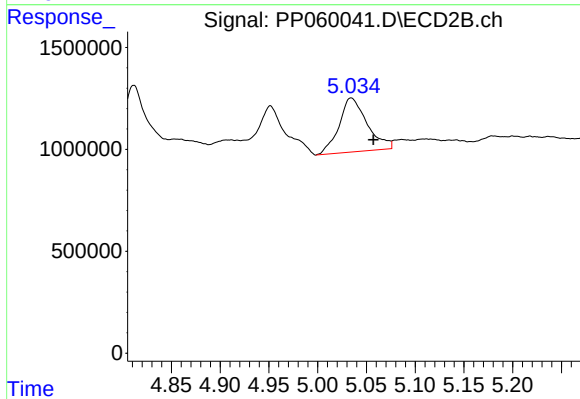
#18 AR-1242-3

R.T.: 4.951 min
Delta R.T.: -0.020 min
Response: 1931601
Conc: 49.36 ng/ml



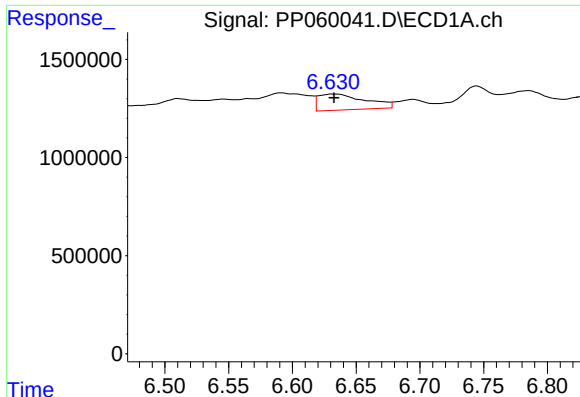
#19 AR-1242-4

R.T.: 5.873 min
Delta R.T.: -0.012 min
Response: 1214813
Conc: 28.19 ng/ml



#19 AR-1242-4

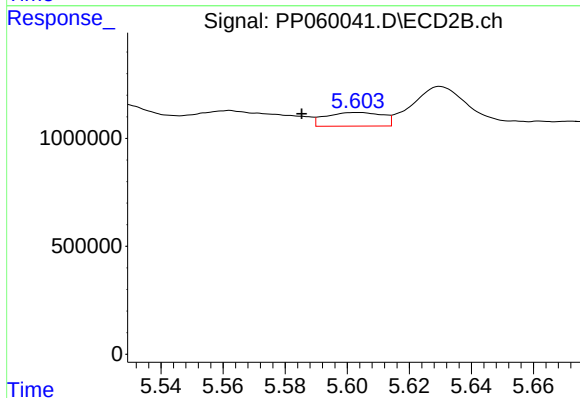
R.T.: 5.034 min
Delta R.T.: -0.023 min
Response: 5321953
Conc: 135.80 ng/ml



#20 AR-1242-5

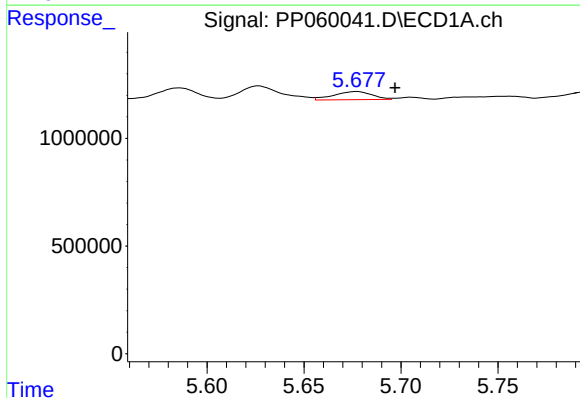
R.T.: 6.631 min
Delta R.T.: -0.001 min
Response: 2088822
Conc: 45.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



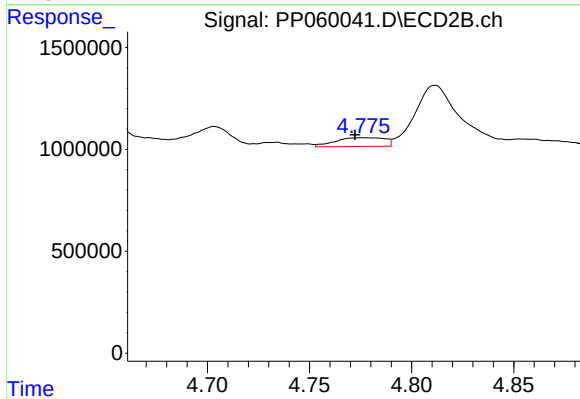
#20 AR-1242-5

R.T.: 5.603 min
Delta R.T.: 0.018 min
Response: 800706
Conc: 16.55 ng/ml



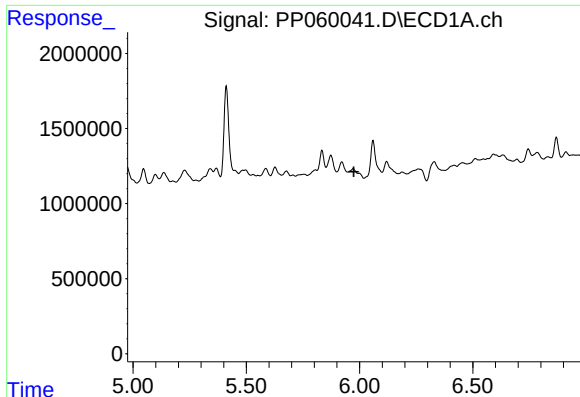
#21 AR-1248-1

R.T.: 5.677 min
Delta R.T.: -0.020 min
Response: 525043
Conc: 11.75 ng/ml



#21 AR-1248-1

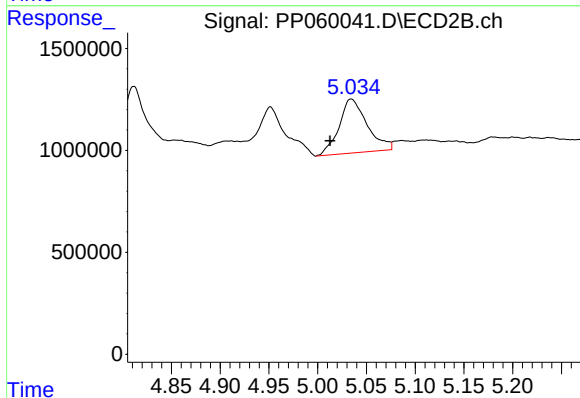
R.T.: 4.776 min
Delta R.T.: 0.003 min
Response: 726336
Conc: 18.59 ng/ml



#22 AR-1248-2

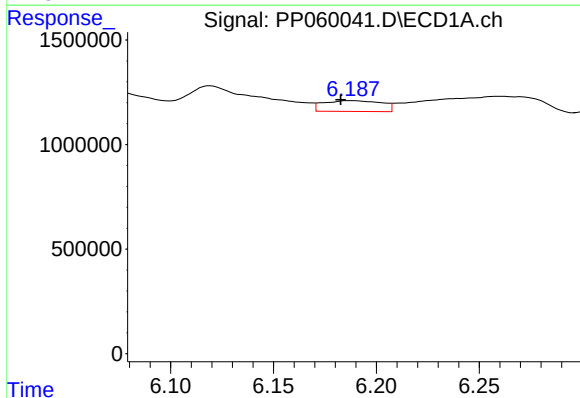
R.T.: 0.000 min
Exp R.T.: 5.975 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



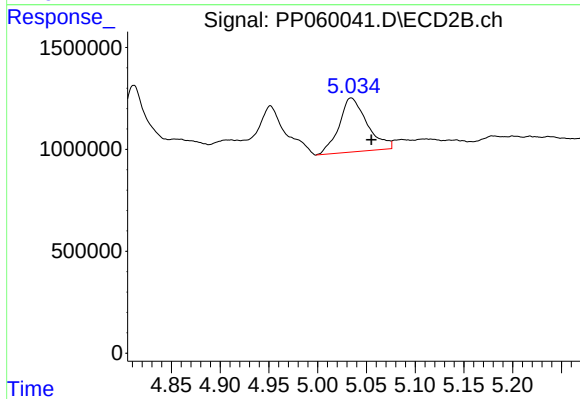
#22 AR-1248-2

R.T.: 5.034 min
Delta R.T.: 0.021 min
Response: 5321953
Conc: 98.22 ng/ml



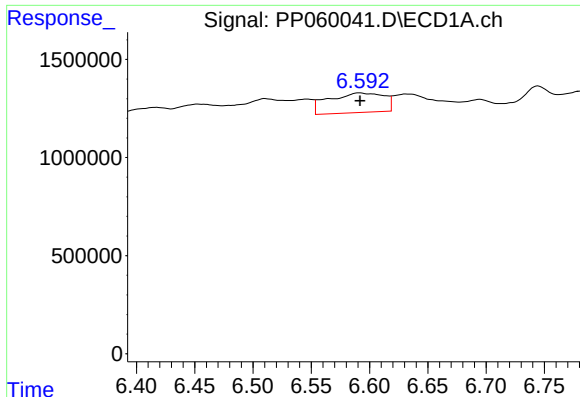
#23 AR-1248-3

R.T.: 6.187 min
Delta R.T.: 0.005 min
Response: 1015694
Conc: 14.34 ng/ml



#23 AR-1248-3

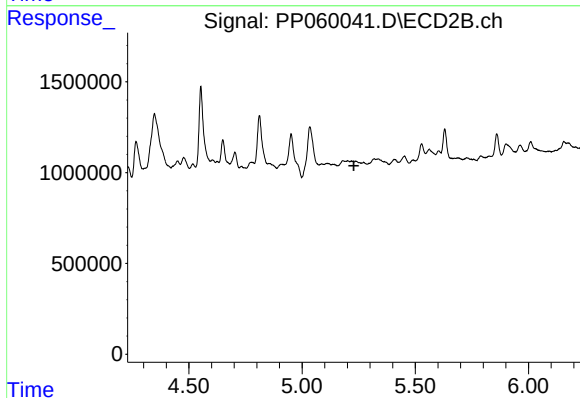
R.T.: 5.034 min
Delta R.T.: -0.021 min
Response: 5321953
Conc: 93.53 ng/ml



#24 AR-1248-4

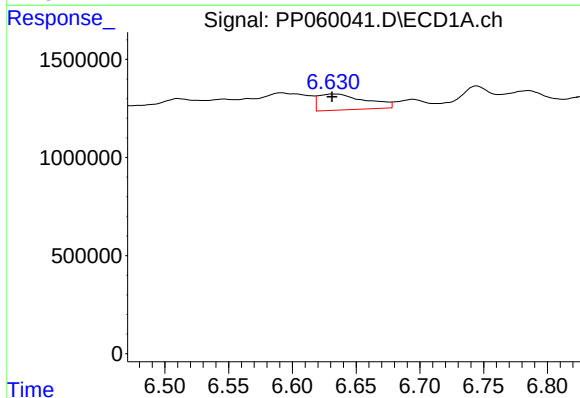
R.T.: 6.592 min
Delta R.T.: 0.000 min
Response: 3292532
Conc: 42.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



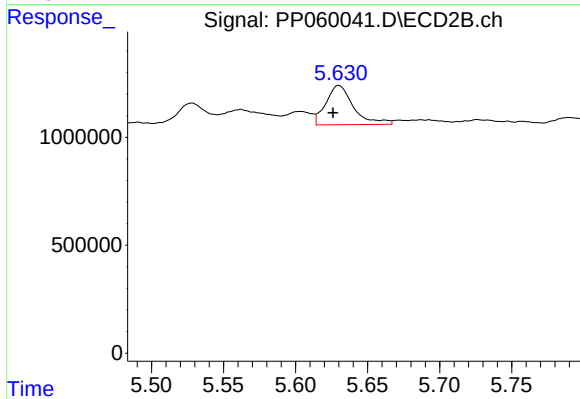
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.228 min
Response: 0
Conc: N.D.



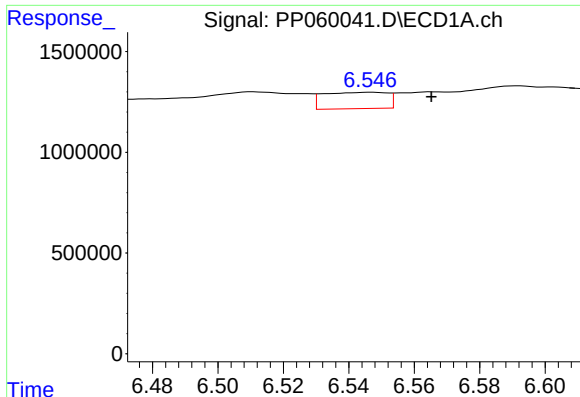
#25 AR-1248-5

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 2088822
Conc: 27.76 ng/ml



#25 AR-1248-5

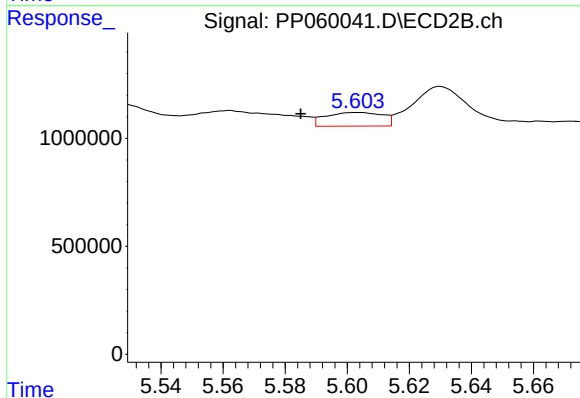
R.T.: 5.630 min
Delta R.T.: 0.004 min
Response: 2422920
Conc: 36.73 ng/ml



#26 AR-1254-1

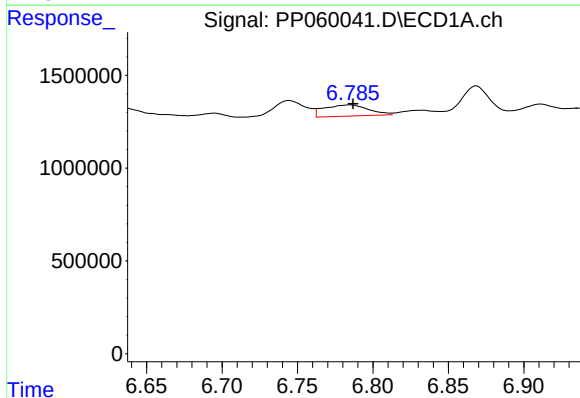
R.T.: 6.547 min
Delta R.T.: -0.018 min
Response: 1096266
Conc: 13.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



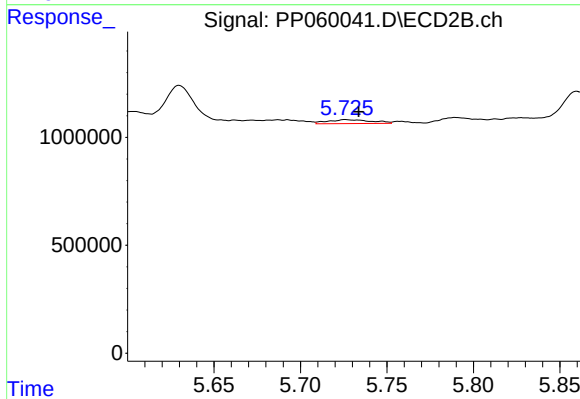
#26 AR-1254-1

R.T.: 5.603 min
Delta R.T.: 0.018 min
Response: 800706
Conc: 7.98 ng/ml



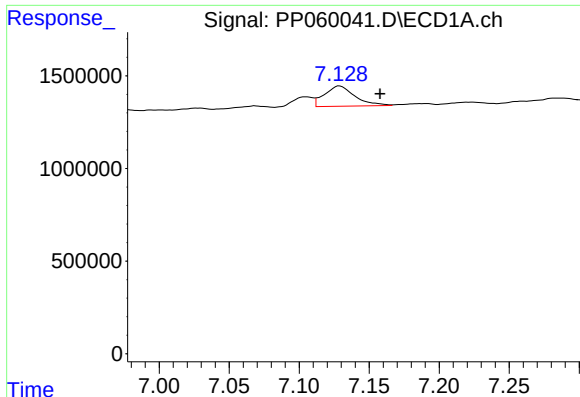
#27 AR-1254-2

R.T.: 6.785 min
Delta R.T.: -0.002 min
Response: 1234154
Conc: 10.30 ng/ml



#27 AR-1254-2

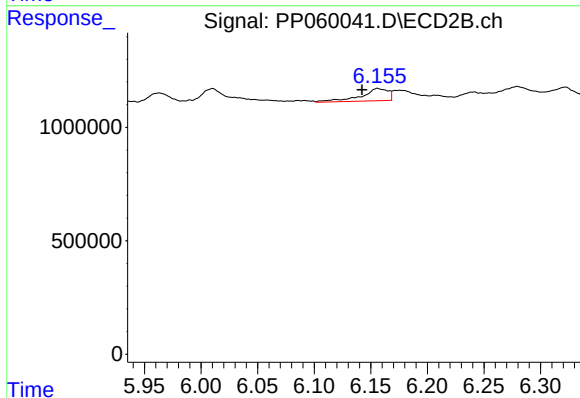
R.T.: 5.726 min
Delta R.T.: -0.008 min
Response: 315560
Conc: 3.63 ng/ml



#28 AR-1254-3

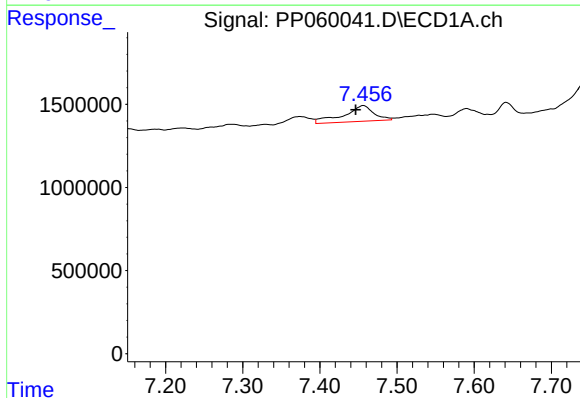
R.T.: 7.129 min
Delta R.T.: -0.029 min
Response: 1653748
Conc: 13.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



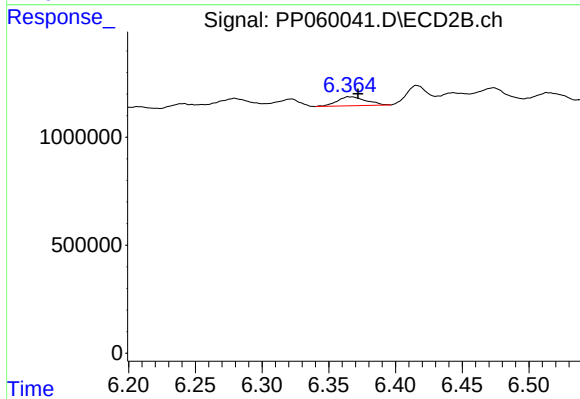
#28 AR-1254-3

R.T.: 6.156 min
Delta R.T.: 0.014 min
Response: 905900
Conc: 6.45 ng/ml



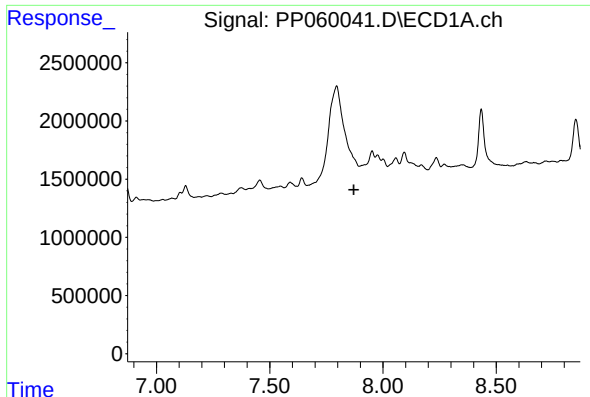
#29 AR-1254-4

R.T.: 7.456 min
Delta R.T.: 0.010 min
Response: 2572898
Conc: 28.93 ng/ml



#29 AR-1254-4

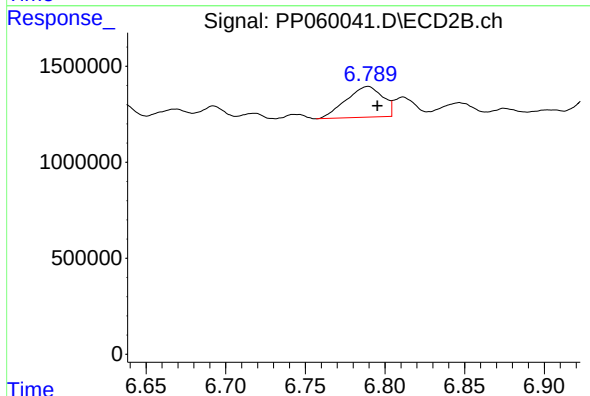
R.T.: 6.366 min
Delta R.T.: -0.006 min
Response: 624788
Conc: 7.42 ng/ml



#30 AR-1254-5

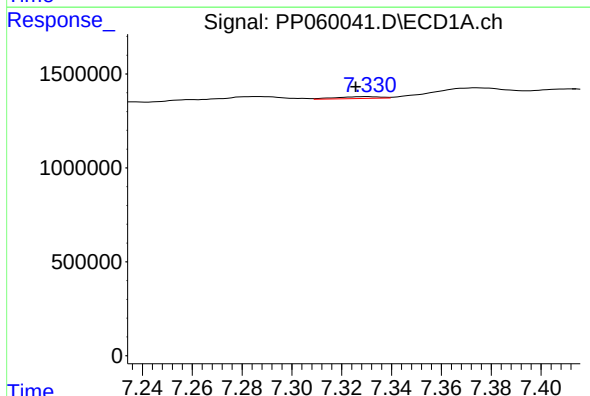
R.T.: 0.000 min
Exp R.T.: 7.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



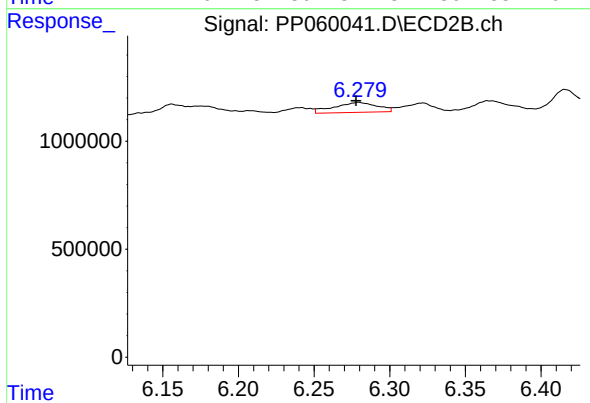
#30 AR-1254-5

R.T.: 6.789 min
Delta R.T.: -0.006 min
Response: 2565069
Conc: 21.62 ng/ml



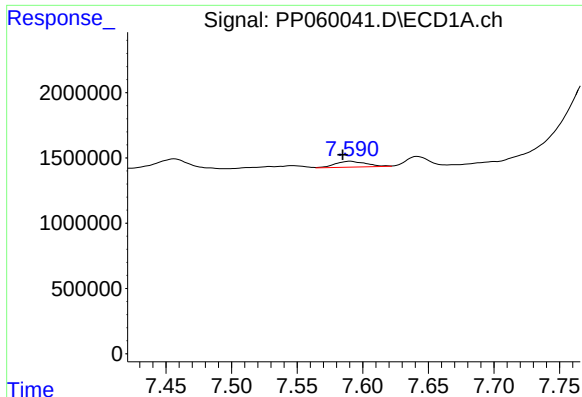
#31 AR-1260-1

R.T.: 7.330 min
Delta R.T.: 0.004 min
Response: 128208
Conc: 1.42 ng/ml



#31 AR-1260-1

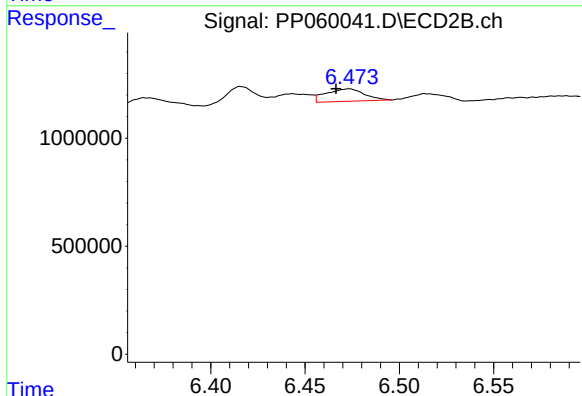
R.T.: 6.279 min
Delta R.T.: 0.002 min
Response: 916055
Conc: 9.84 ng/ml



#32 AR-1260-2

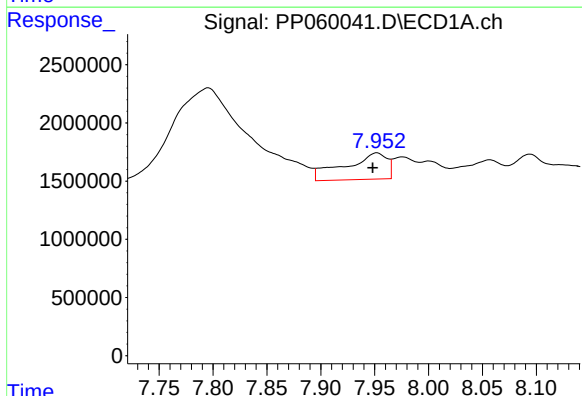
R.T.: 7.590 min
Delta R.T.: 0.006 min
Response: 733449
Conc: 7.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



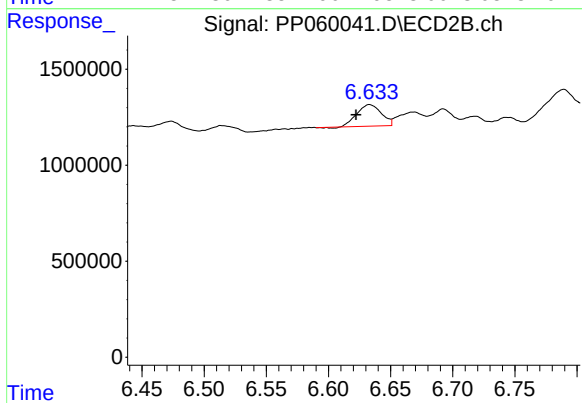
#32 AR-1260-2

R.T.: 6.473 min
Delta R.T.: 0.007 min
Response: 817572
Conc: 7.46 ng/ml



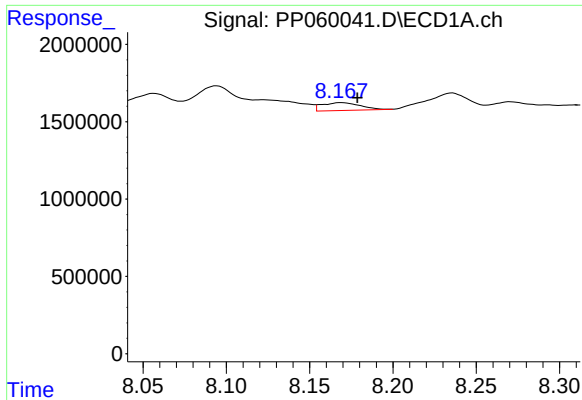
#33 AR-1260-3

R.T.: 7.952 min
Delta R.T.: 0.004 min
Response: 6143111
Conc: 78.00 ng/ml



#33 AR-1260-3

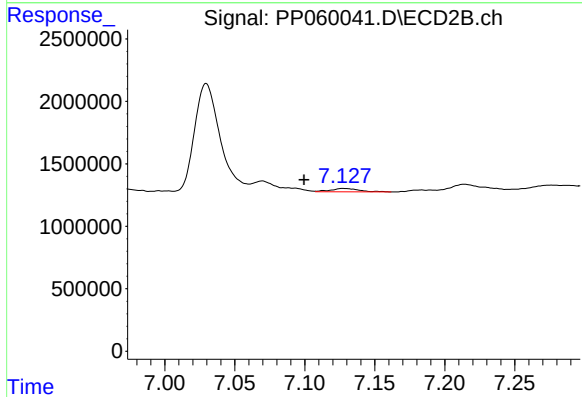
R.T.: 6.633 min
Delta R.T.: 0.011 min
Response: 1529737
Conc: 14.87 ng/ml



#34 AR-1260-4

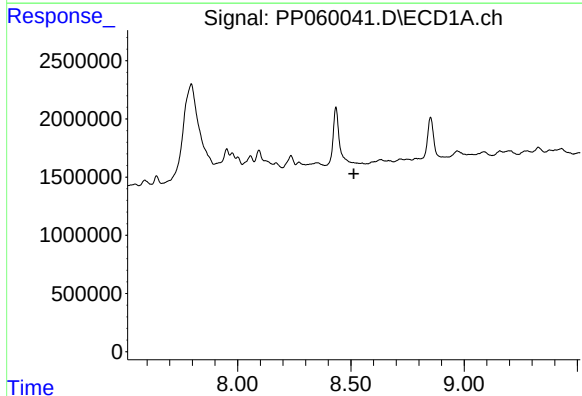
R.T.: 8.169 min
Delta R.T.: -0.010 min
Response: 812119
Conc: 9.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



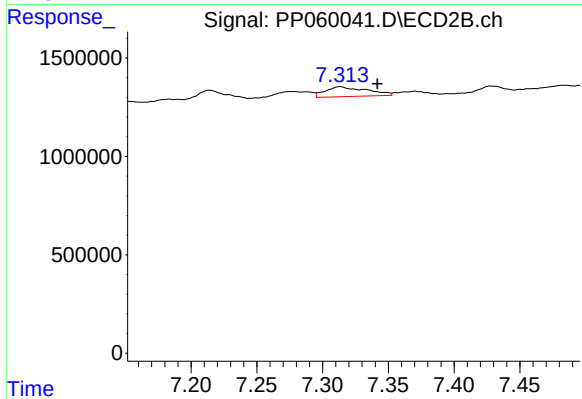
#34 AR-1260-4

R.T.: 7.128 min
Delta R.T.: 0.028 min
Response: 373257
Conc: 4.48 ng/ml



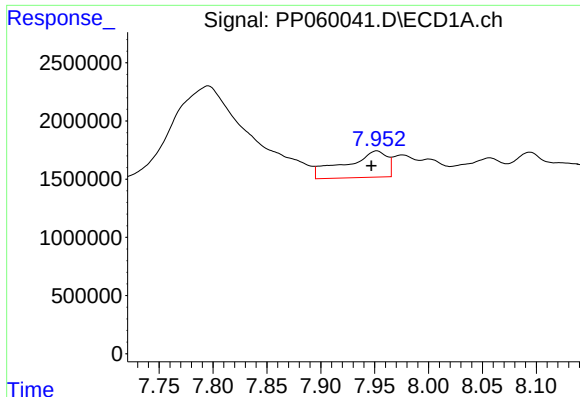
#35 AR-1260-5

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



#35 AR-1260-5

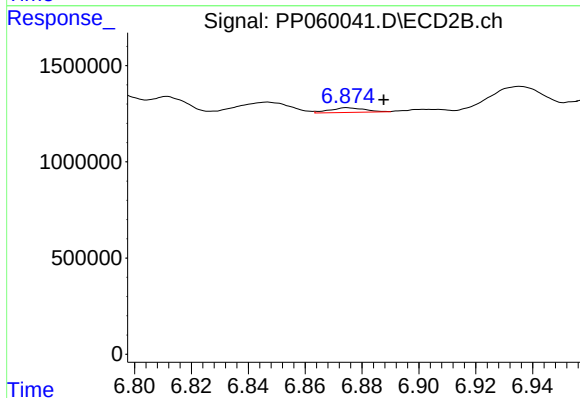
R.T.: 7.313 min
Delta R.T.: -0.028 min
Response: 1096513
Conc: 5.70 ng/ml



#36 AR-1262-1

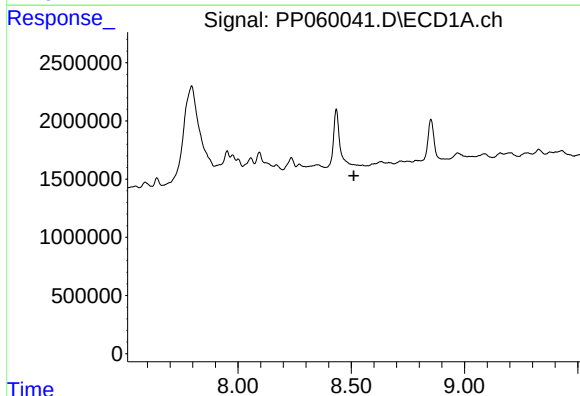
R.T.: 7.952 min
Delta R.T.: 0.005 min
Response: 6143111
Conc: 53.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



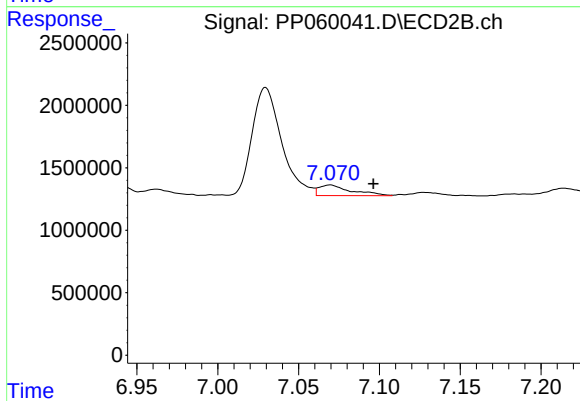
#36 AR-1262-1

R.T.: 6.875 min
Delta R.T.: -0.013 min
Response: 208600
Conc: 4.13 ng/ml



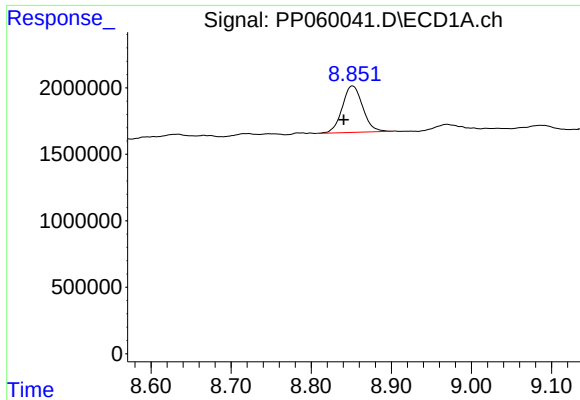
#37 AR-1262-2

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



#37 AR-1262-2

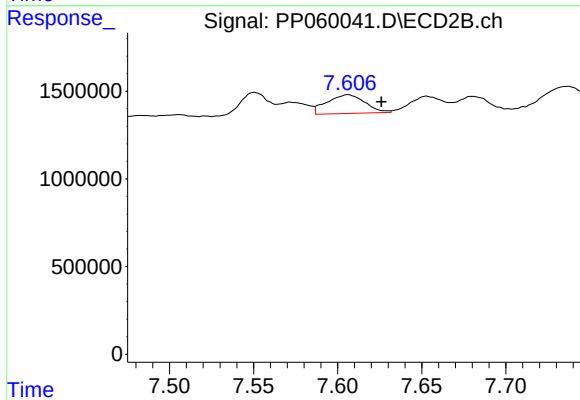
R.T.: 7.070 min
Delta R.T.: -0.027 min
Response: 1174351
Conc: 10.39 ng/ml



#38 AR-1262-3

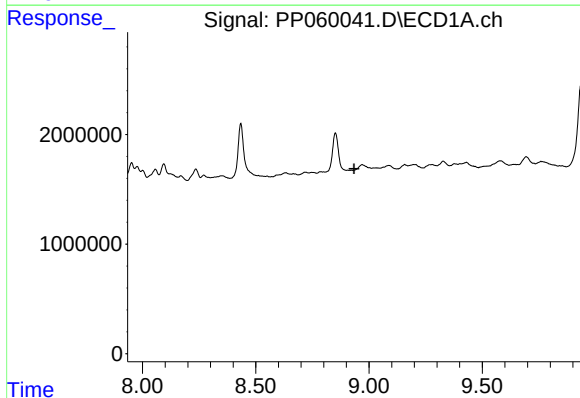
R.T.: 8.852 min
Delta R.T.: 0.011 min
Response: 6191330
Conc: 43.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



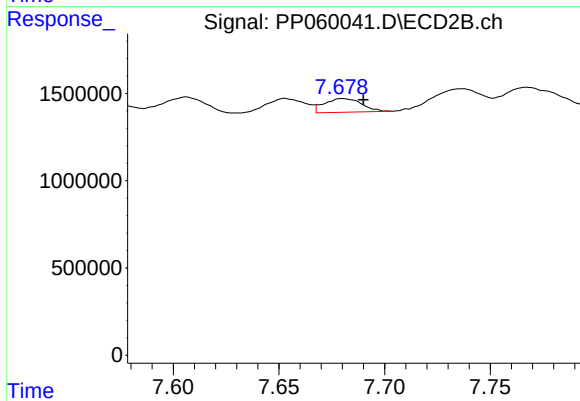
#38 AR-1262-3

R.T.: 7.606 min
Delta R.T.: -0.020 min
Response: 1680840
Conc: 19.18 ng/ml



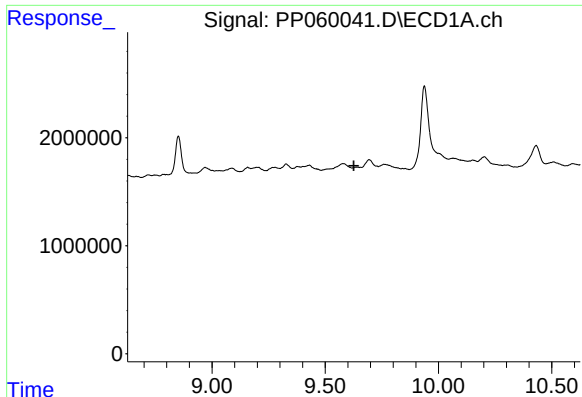
#39 AR-1262-4

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



#39 AR-1262-4

R.T.: 7.680 min
Delta R.T.: -0.010 min
Response: 972338
Conc: 5.95 ng/ml



#40 AR-1262-5

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

Instrument :
ECD_P
ClientSampleId :

#40 AR-1262-5

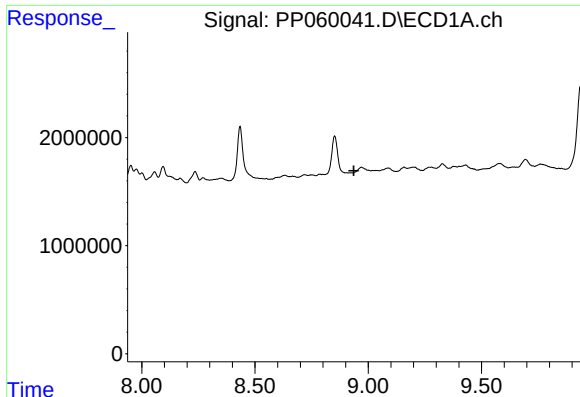
R.T.: 8.187 min
Delta R.T.: -0.003 min
Response: 390823
Conc: 5.24 ng/ml

#41 AR-1268-1

R.T.: 8.852 min
Delta R.T.: 0.014 min
Response: 6191330
Conc: 24.69 ng/ml

#41 AR-1268-1

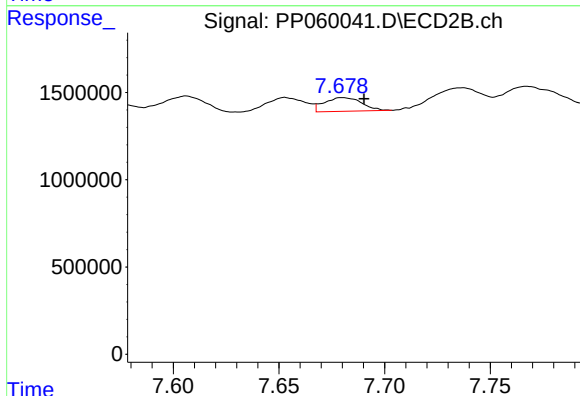
R.T.: 7.606 min
Delta R.T.: -0.020 min
Response: 1680840
Conc: 6.46 ng/ml



#42 AR-1268-2

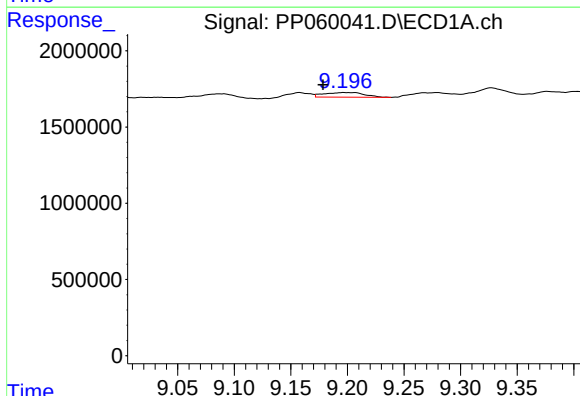
R.T.: 0.000 min
Exp R.T.: 8.936 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



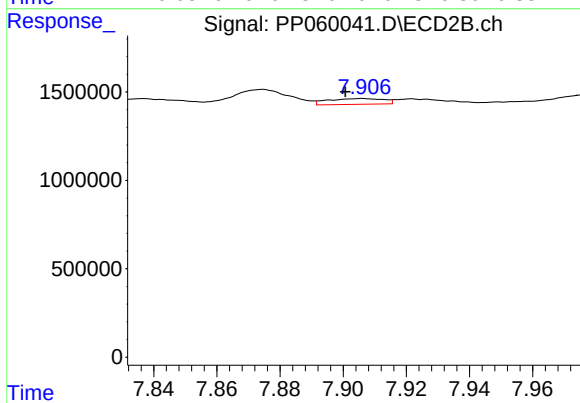
#42 AR-1268-2

R.T.: 7.680 min
Delta R.T.: -0.010 min
Response: 972338
Conc: 4.21 ng/ml



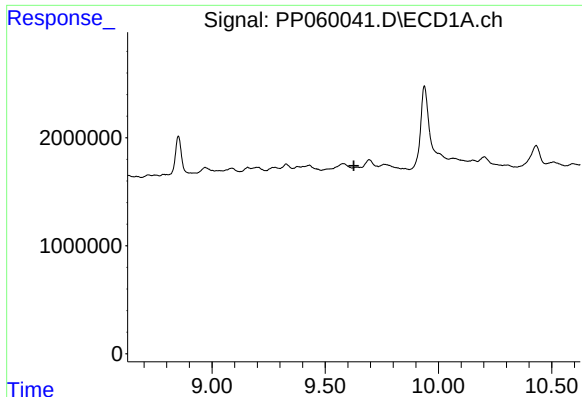
#43 AR-1268-3

R.T.: 9.196 min
Delta R.T.: 0.018 min
Response: 753549
Conc: 3.82 ng/ml



#43 AR-1268-3

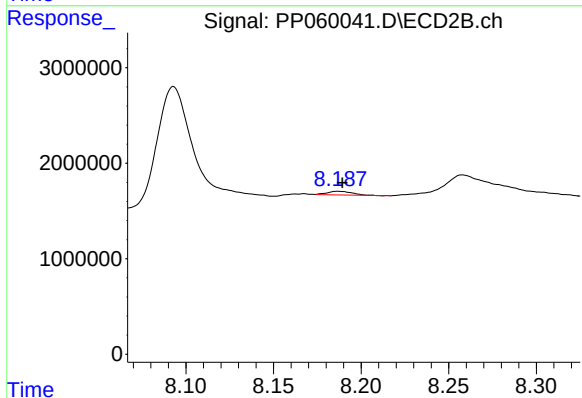
R.T.: 7.906 min
Delta R.T.: 0.005 min
Response: 398661
Conc: 1.95 ng/ml



#44 AR-1268-4

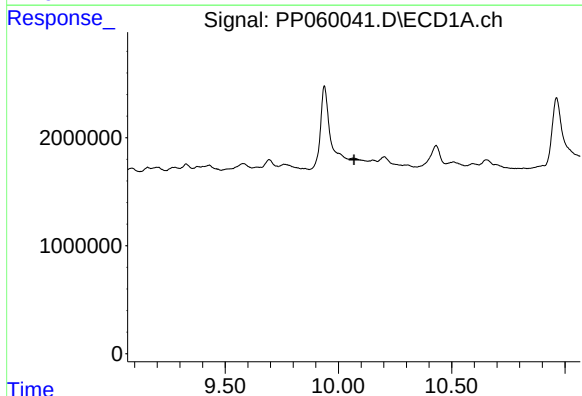
R.T.: 0.000 min
Exp R.T.: 9.627 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



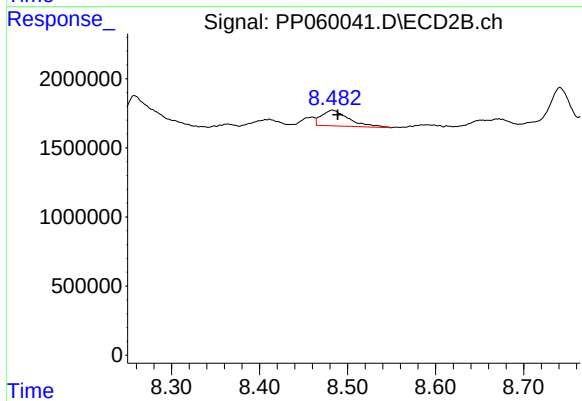
#44 AR-1268-4

R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 390823
Conc: 4.84 ng/ml



#45 AR-1268-5

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



#45 AR-1268-5

R.T.: 8.483 min
Delta R.T.: -0.006 min
Response: 2466758
Conc: 3.91 ng/ml