

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092023\
 Data File : PP060078.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2023 07:48
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 08:02:15 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	3.666	36101220	27140411	17.354	16.662
2) SA Decachlor...	10.425	8.736	31844084	32882703	20.877	21.717
Target Compounds						
3) L1 AR-1016-1	0.000	4.773	0	17899	N.D.	0.298 #
4) L1 AR-1016-2	0.000	4.806	0	46318	N.D.	0.558 #
5) L1 AR-1016-3	5.767f	0.000	620439	0	10.424	N.D. #
6) L1 AR-1016-4	0.000	5.032f	0	952326	N.D.	26.994 #
7) L1 AR-1016-5	0.000	5.237	0	1610809	N.D.	34.644 #
8) L2 AR-1221-1	0.000	3.899	0	169454	N.D.	7.715 #
9) L2 AR-1221-2	4.819	3.970	1012205	521923	51.425	33.806 #
12) L3 AR-1232-2	0.000	4.806	0	46318	N.D.	1.256 #
14) L3 AR-1232-4	0.000	5.060	0	795584	N.D.	43.554 #
15) L3 AR-1232-5	0.000	5.237	0	1610809	N.D.	80.342 #
16) L4 AR-1242-1	0.000	4.773	0	17899	N.D.	0.340 #
17) L4 AR-1242-2	0.000	4.806	0	46318	N.D.	0.643 #
18) L4 AR-1242-3	5.767f	0.000	620439	0	11.863	N.D. #
19) L4 AR-1242-4	0.000	5.060	0	795584	N.D.	20.301 #
20) L4 AR-1242-5	6.626	5.602f	2213334	5138796	48.411	106.217 #
21) L5 AR-1248-1	0.000	4.773	0	17899	N.D.	0.458 #
22) L5 AR-1248-2	0.000	5.032f	0	952326	N.D.	17.576 #
23) L5 AR-1248-3	0.000	5.060	0	795584	N.D.	13.982 #
24) L5 AR-1248-4	0.000	5.237	0	1610809	N.D.	23.983 #
25) L5 AR-1248-5	6.626	5.639	2213334	225685	29.417	3.421 #
26) L6 AR-1254-1	6.561	5.602f	8749139	5138796	109.588	51.205 #
27) L6 AR-1254-2	0.000	5.737	0	577141	N.D.	6.643 #
28) L6 AR-1254-3	7.154	6.139	9292062	1138907	76.490	8.112 #
29) L6 AR-1254-4	0.000	6.382	0	582029	N.D.	6.914 #
30) L6 AR-1254-5	0.000	6.800	0	22301	N.D.	0.188 #
31) L7 AR-1260-1	0.000	6.278	0	249717	N.D.	2.682 #
32) L7 AR-1260-2	7.590	6.473	3218577	13189	31.374	0.120 #
33) L7 AR-1260-3	7.926f	6.638	1885815	82585	23.944	0.803 #
34) L7 AR-1260-4	8.177	7.101	847392	53797	9.455	0.646 #
35) L7 AR-1260-5	0.000	7.342	0	16061	N.D.	0.083 #
36) L8 AR-1262-1	7.926f	6.891	1885815	135835	16.294	2.691 #
37) L8 AR-1262-2	0.000	7.101	0	53797	N.D.	0.476 #
38) L8 AR-1262-3	0.000	7.627	0	9768671	N.D.	111.446 #
39) L8 AR-1262-4	8.925	7.705	111920	72814	0.986	0.446 #
40) L8 AR-1262-5	0.000	8.208f	0	87483	N.D.	1.172 #
41) L9 AR-1268-1	0.000	7.627	0	9768671	N.D.	37.520 #
42) L9 AR-1268-2	8.925	7.705	111920	72814	0.488	0.315 #
43) L9 AR-1268-3	0.000	7.896	0	53444	N.D.	0.262 #
44) L9 AR-1268-4	0.000	8.208f	0	87483	N.D.	1.083 #

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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	8.500	0	17796	N.D.	0.028 #

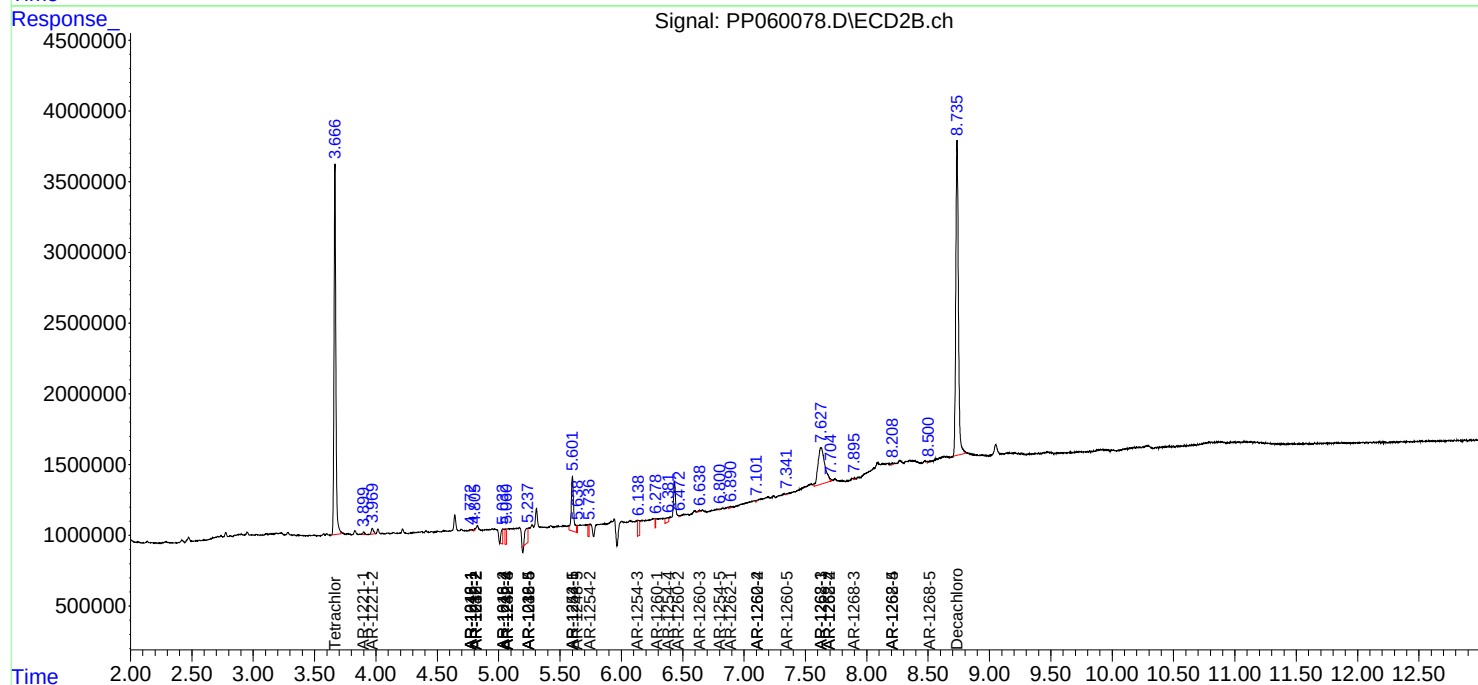
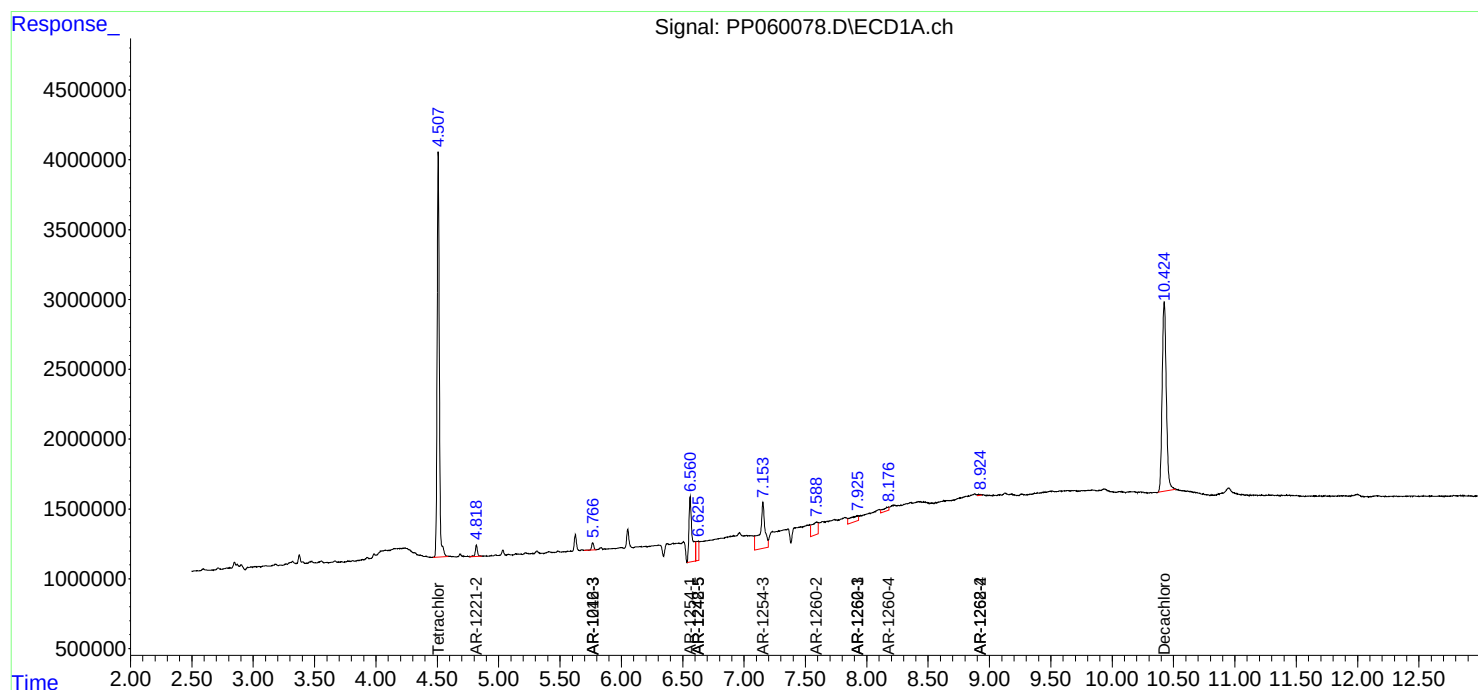
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

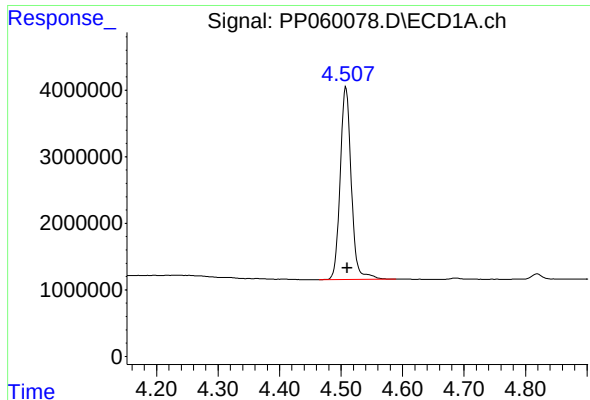
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

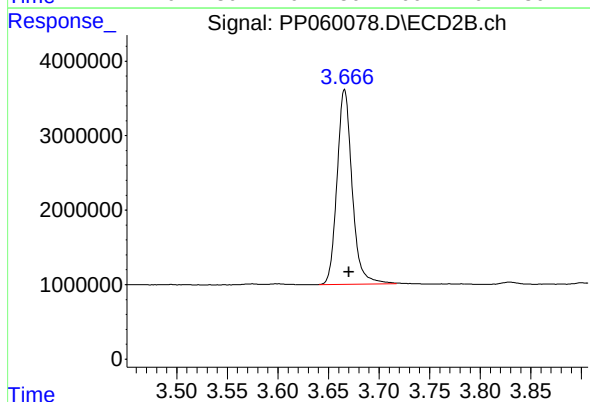




#1 Tetrachloro-m-xylene

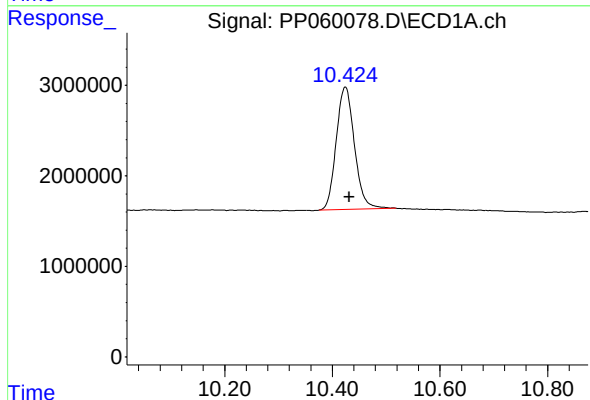
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 36101220
Conc: 17.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



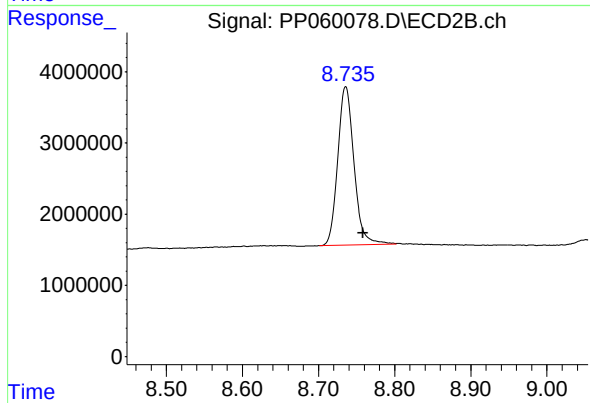
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.004 min
Response: 27140411
Conc: 16.66 ng/ml



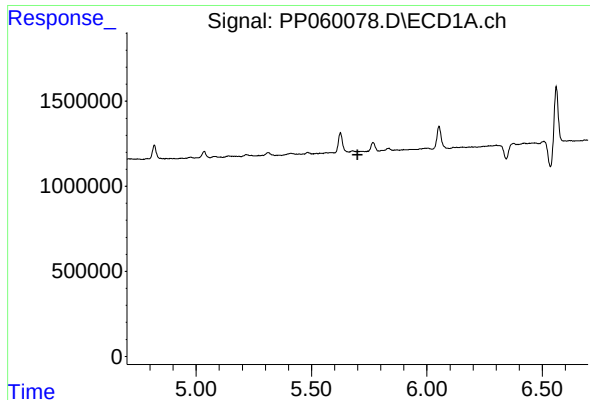
#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: -0.007 min
Response: 31844084
Conc: 20.88 ng/ml



#2 Decachlorobiphenyl

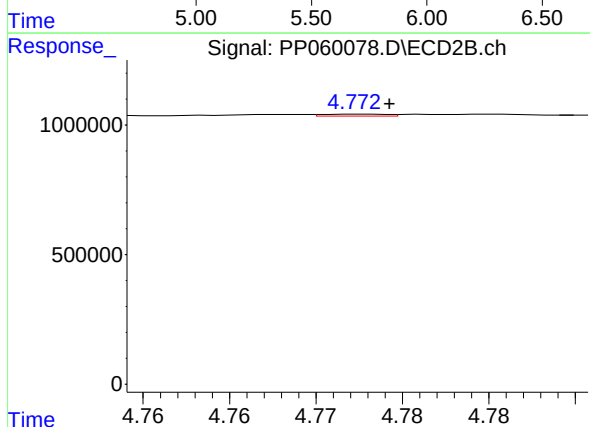
R.T.: 8.736 min
Delta R.T.: -0.023 min
Response: 32882703
Conc: 21.72 ng/ml



#3 AR-1016-1

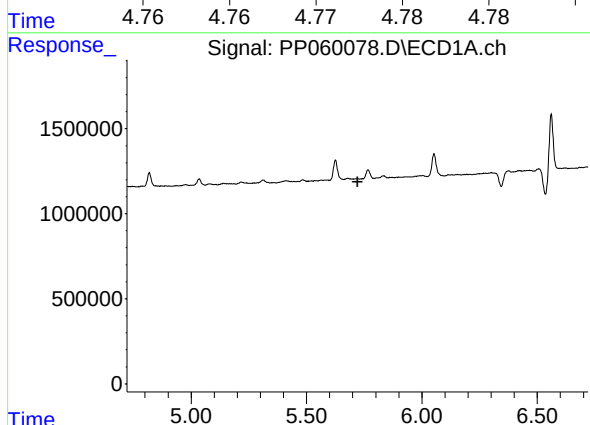
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



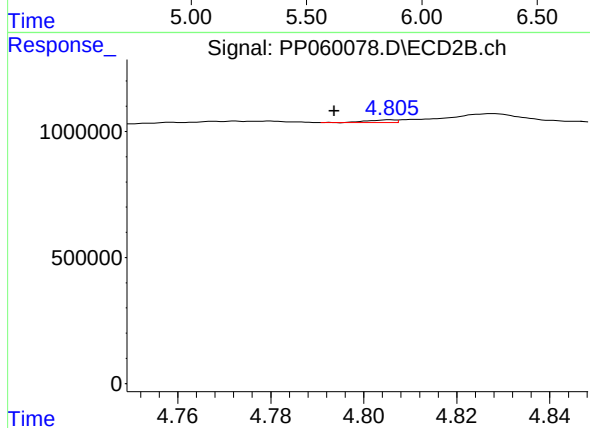
#3 AR-1016-1

R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 17899
Conc: 0.30 ng/ml



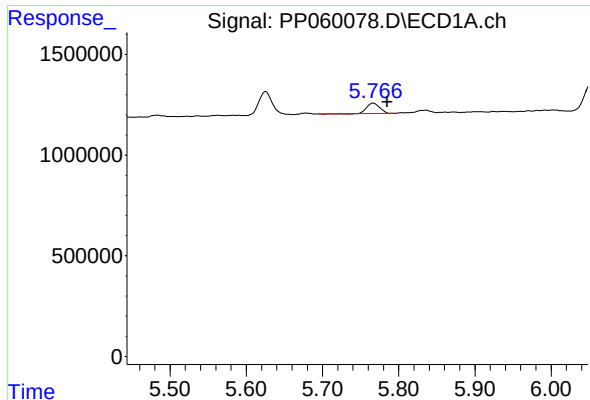
#4 AR-1016-2

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



#4 AR-1016-2

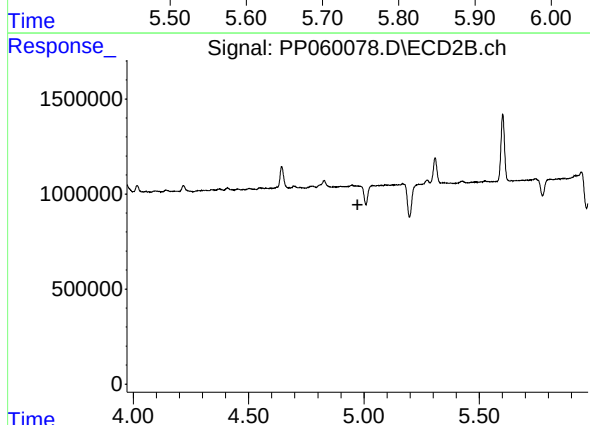
R.T.: 4.806 min
Delta R.T.: 0.012 min
Response: 46318
Conc: 0.56 ng/ml



#5 AR-1016-3

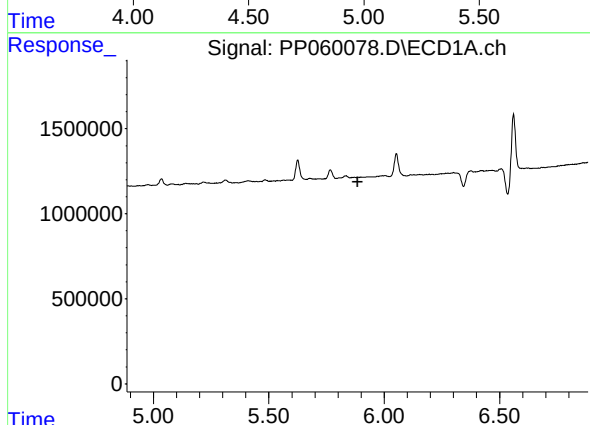
R.T.: 5.767 min
Delta R.T.: -0.018 min
Response: 620439
Conc: 10.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



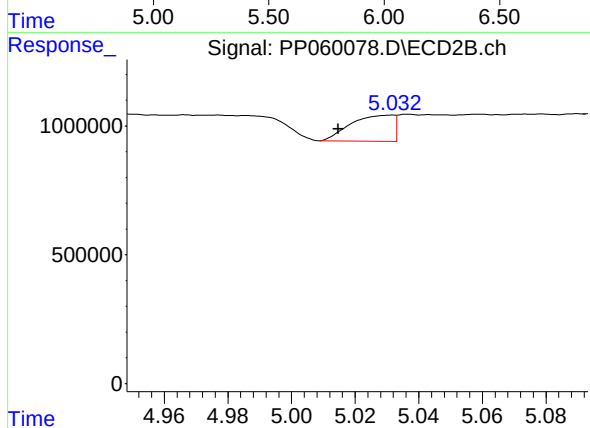
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 4.972 min
Response: 0
Conc: N.D.



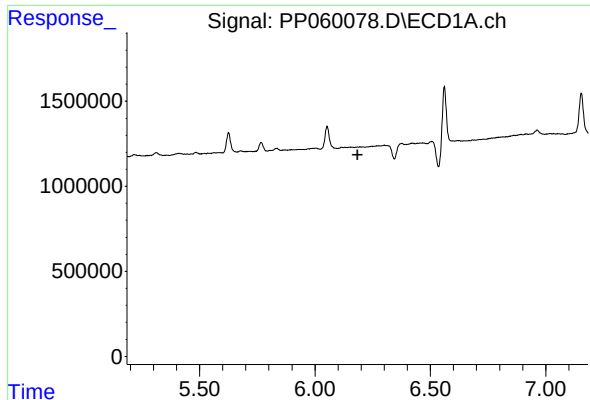
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#6 AR-1016-4

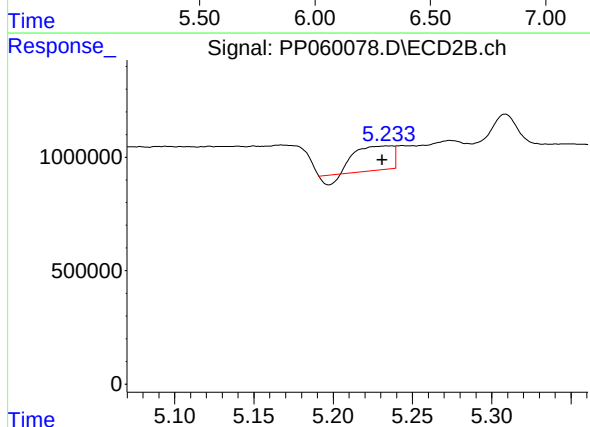
R.T.: 5.032 min
Delta R.T.: 0.017 min
Response: 952326
Conc: 26.99 ng/ml



#7 AR-1016-5

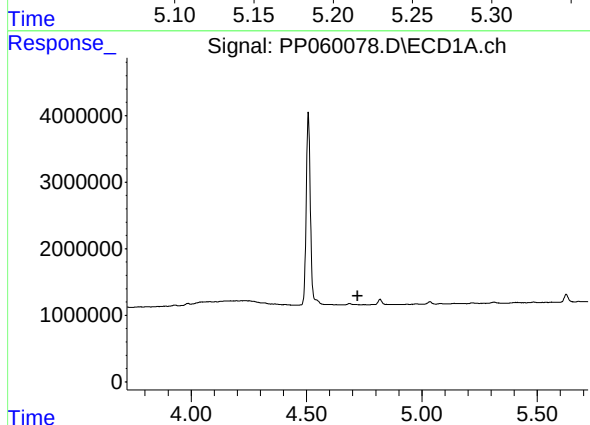
R.T.: 0.000 min
Exp R.T.: 6.184 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



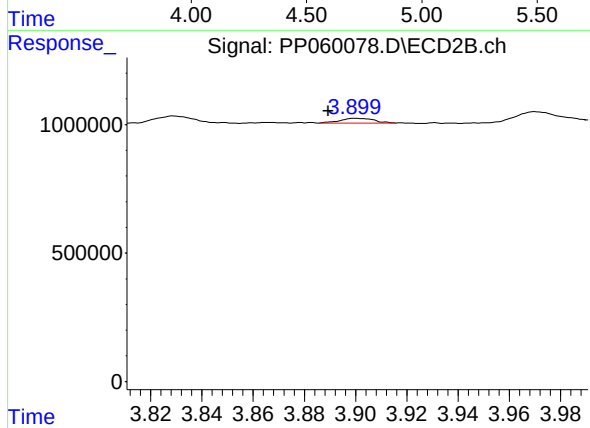
#7 AR-1016-5

R.T.: 5.237 min
Delta R.T.: 0.006 min
Response: 1610809
Conc: 34.64 ng/ml



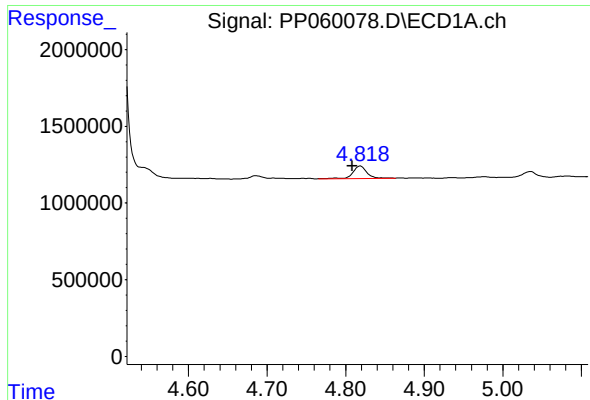
#8 AR-1221-1

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



#8 AR-1221-1

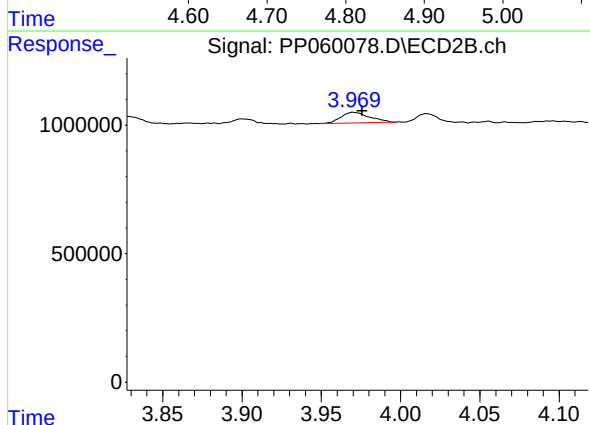
R.T.: 3.899 min
Delta R.T.: 0.010 min
Response: 169454
Conc: 7.71 ng/ml



#9 AR-1221-2

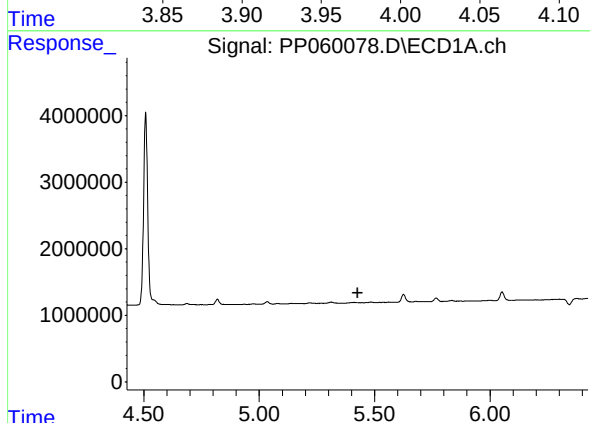
R.T.: 4.819 min
Delta R.T.: 0.010 min
Response: 1012205
Conc: 51.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



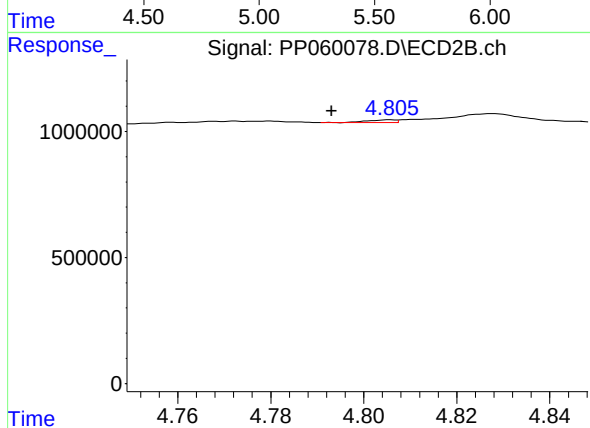
#9 AR-1221-2

R.T.: 3.970 min
Delta R.T.: -0.006 min
Response: 521923
Conc: 33.81 ng/ml



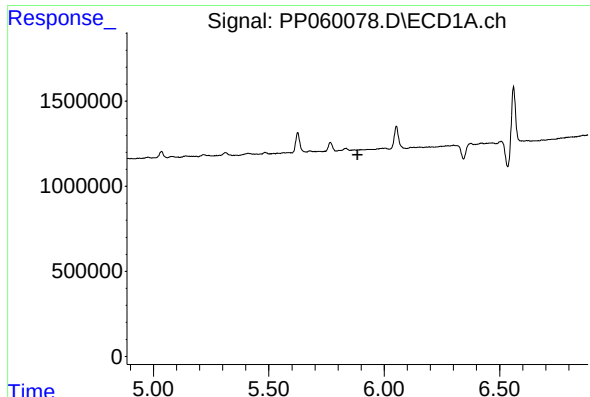
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.426 min
Response: 0
Conc: N.D.



#12 AR-1232-2

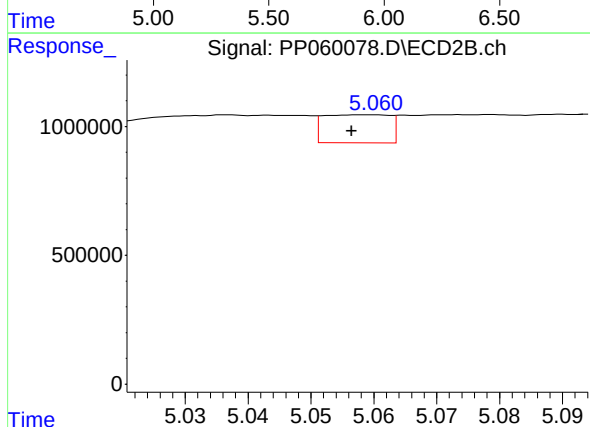
R.T.: 4.806 min
Delta R.T.: 0.013 min
Response: 46318
Conc: 1.26 ng/ml



#14 AR-1232-4

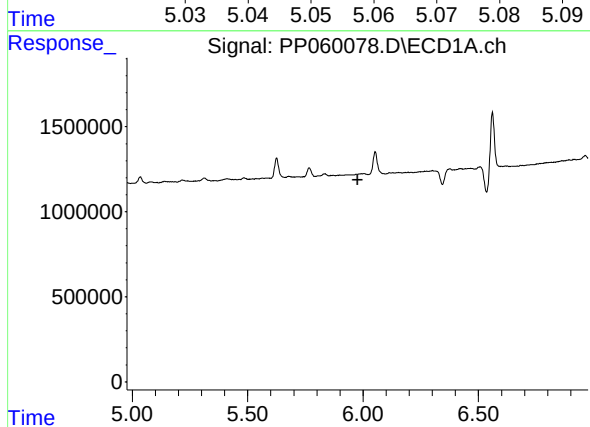
R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



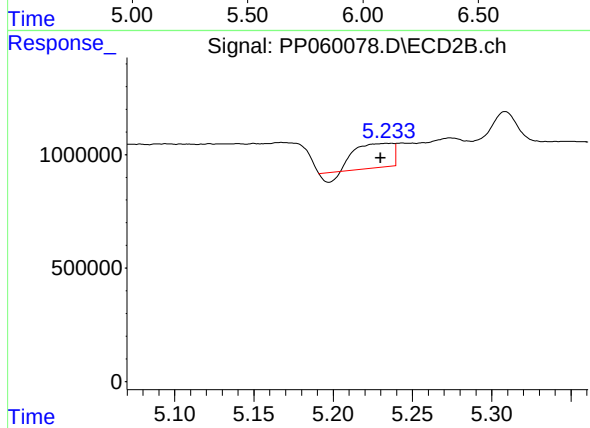
#14 AR-1232-4

R.T.: 5.060 min
Delta R.T.: 0.004 min
Response: 795584
Conc: 43.55 ng/ml



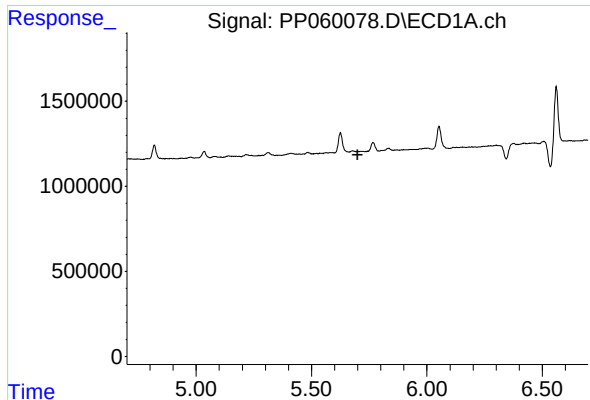
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.976 min
Response: 0
Conc: N.D.



#15 AR-1232-5

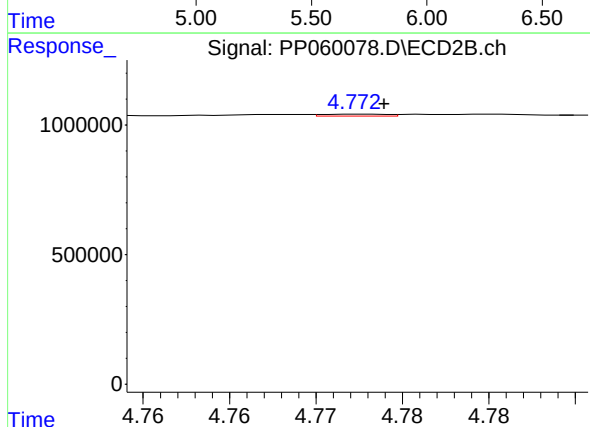
R.T.: 5.237 min
Delta R.T.: 0.007 min
Response: 1610809
Conc: 80.34 ng/ml



#16 AR-1242-1

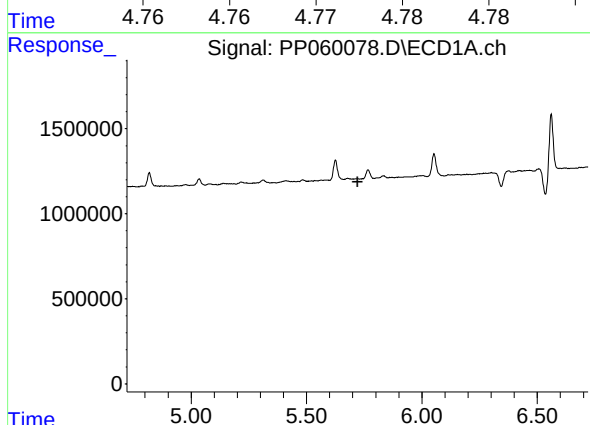
R.T.: 0.000 min
Exp R.T.: 5.699 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



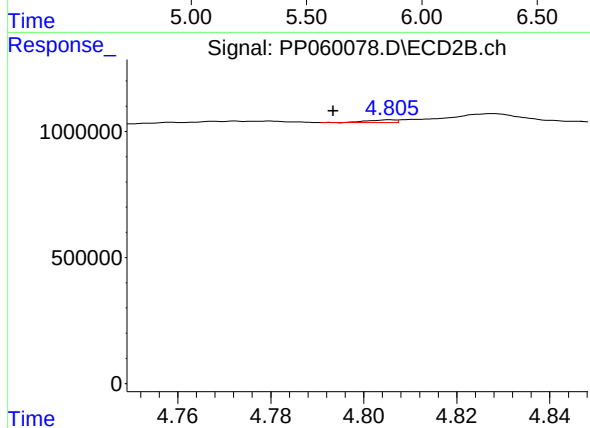
#16 AR-1242-1

R.T.: 4.773 min
Delta R.T.: -0.001 min
Response: 17899
Conc: 0.34 ng/ml



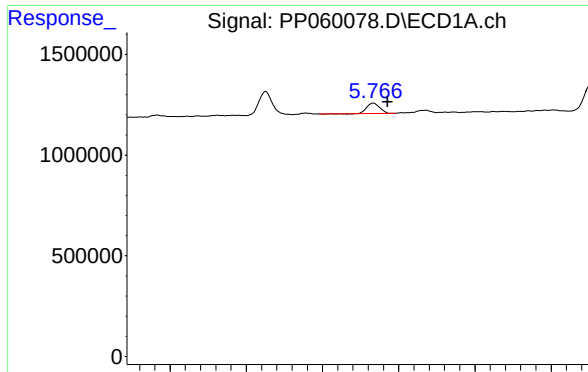
#17 AR-1242-2

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



#17 AR-1242-2

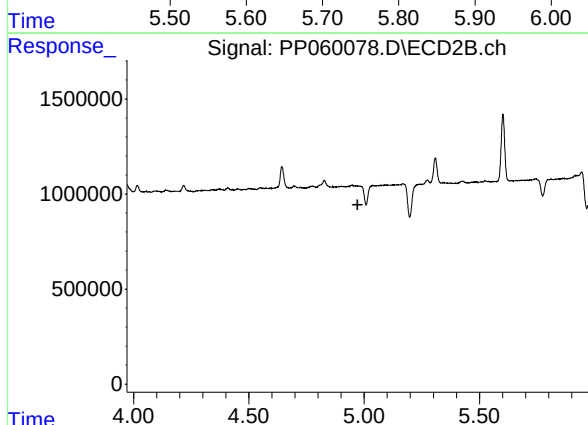
R.T.: 4.806 min
Delta R.T.: 0.012 min
Response: 46318
Conc: 0.64 ng/ml



#18 AR-1242-3

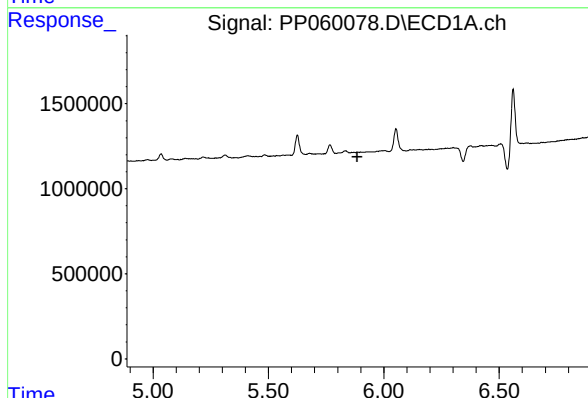
R.T.: 5.767 min
Delta R.T.: -0.019 min
Response: 620439
Conc: 11.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



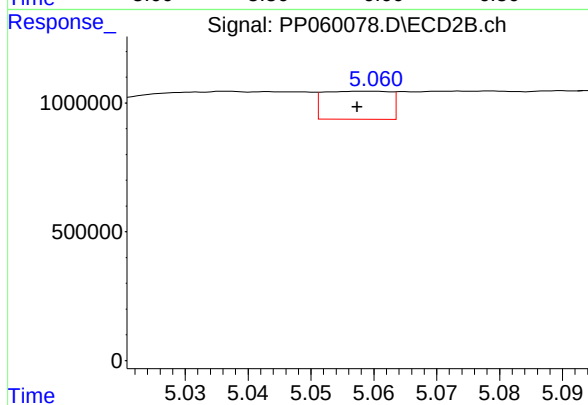
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 4.971 min
Response: 0
Conc: N.D.



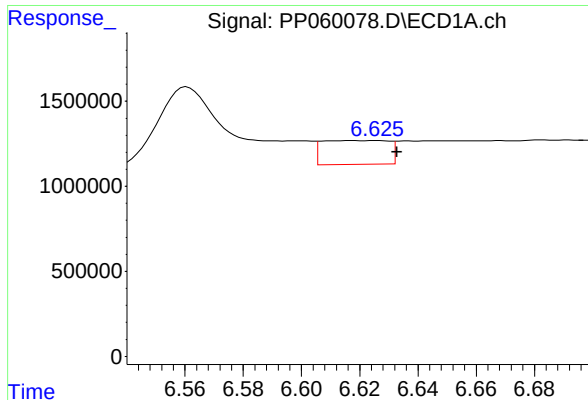
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#19 AR-1242-4

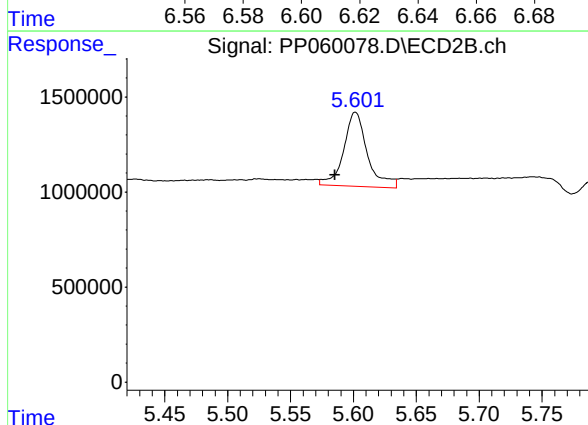
R.T.: 5.060 min
Delta R.T.: 0.003 min
Response: 795584
Conc: 20.30 ng/ml



#20 AR-1242-5

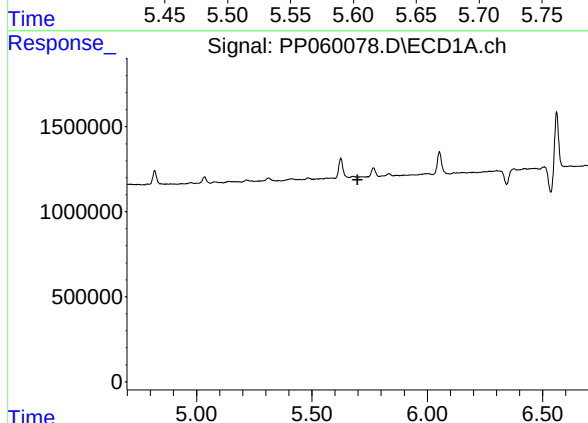
R.T.: 6.626 min
Delta R.T.: -0.007 min
Response: 2213334
Conc: 48.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



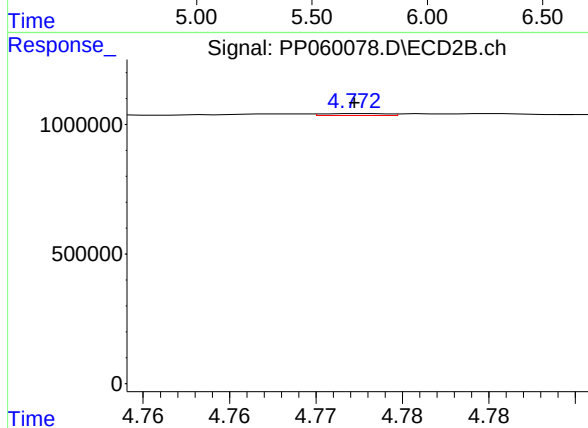
#20 AR-1242-5

R.T.: 5.602 min
Delta R.T.: 0.016 min
Response: 5138796
Conc: 106.22 ng/ml



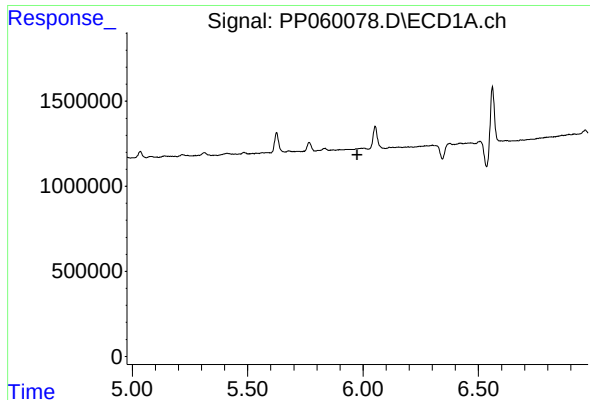
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 5.697 min
Response: 0
Conc: N.D.



#21 AR-1248-1

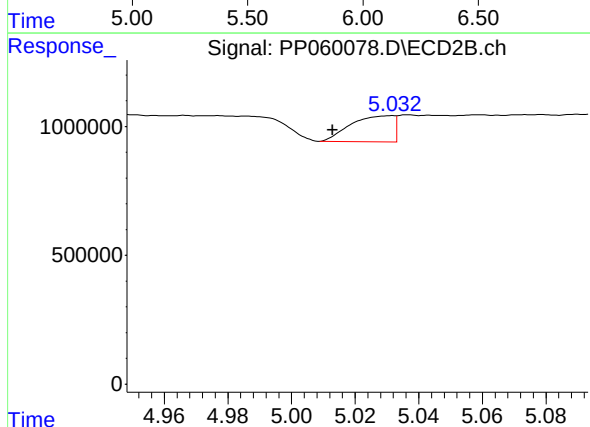
R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 17899
Conc: 0.46 ng/ml



#22 AR-1248-2

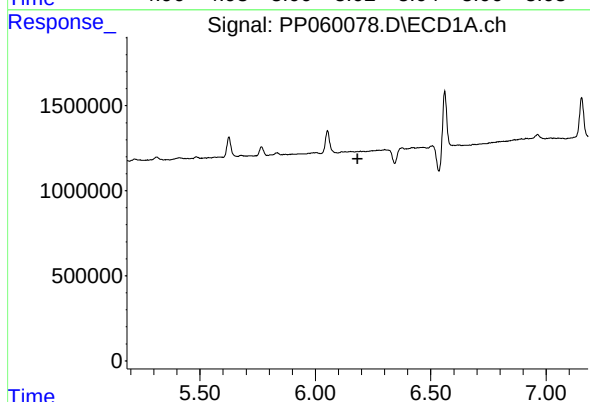
R.T.: 0.000 min
Exp R.T.: 5.975 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



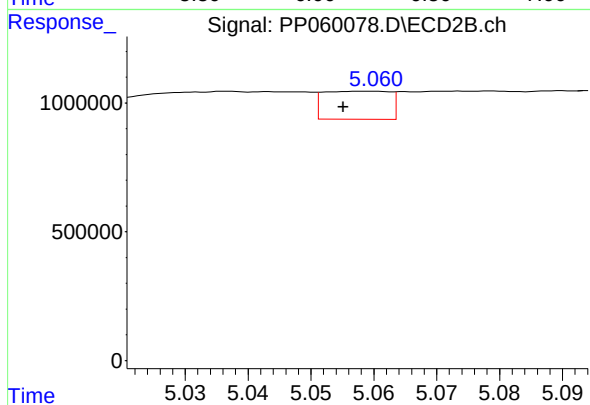
#22 AR-1248-2

R.T.: 5.032 min
Delta R.T.: 0.019 min
Response: 952326
Conc: 17.58 ng/ml



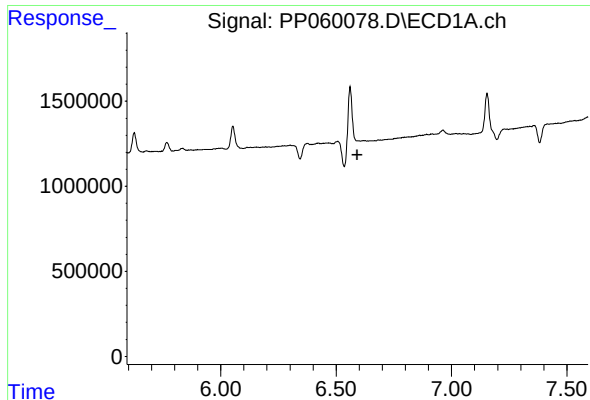
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.



#23 AR-1248-3

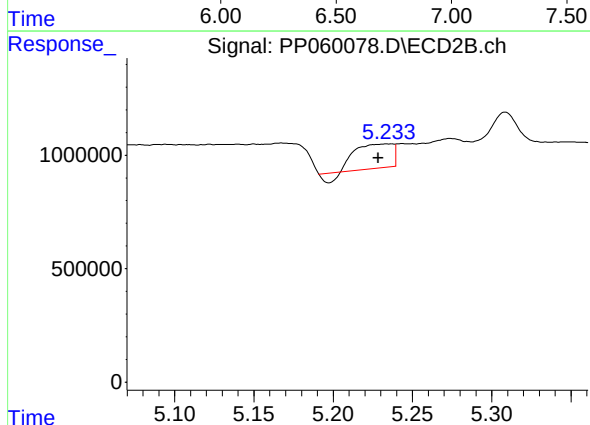
R.T.: 5.060 min
Delta R.T.: 0.005 min
Response: 795584
Conc: 13.98 ng/ml



#24 AR-1248-4

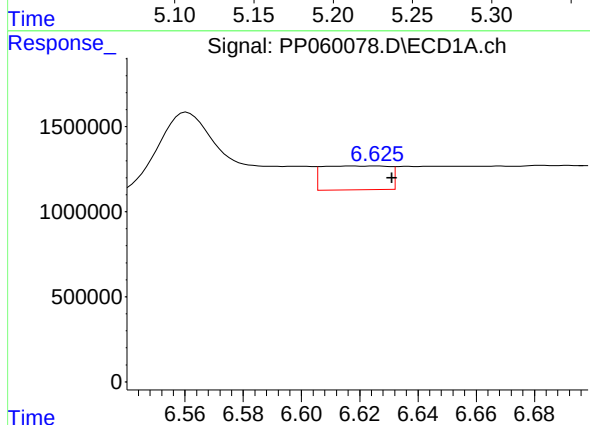
R.T.: 0.000 min
Exp R.T.: 6.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



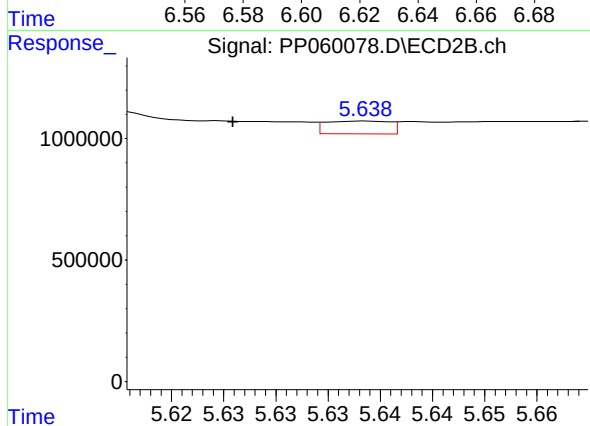
#24 AR-1248-4

R.T.: 5.237 min
Delta R.T.: 0.009 min
Response: 1610809
Conc: 23.98 ng/ml



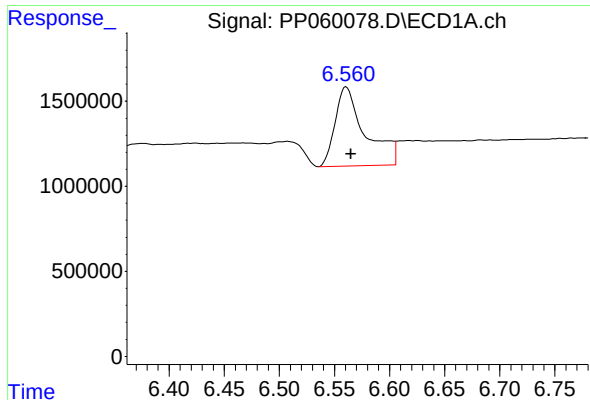
#25 AR-1248-5

R.T.: 6.626 min
Delta R.T.: -0.005 min
Response: 2213334
Conc: 29.42 ng/ml



#25 AR-1248-5

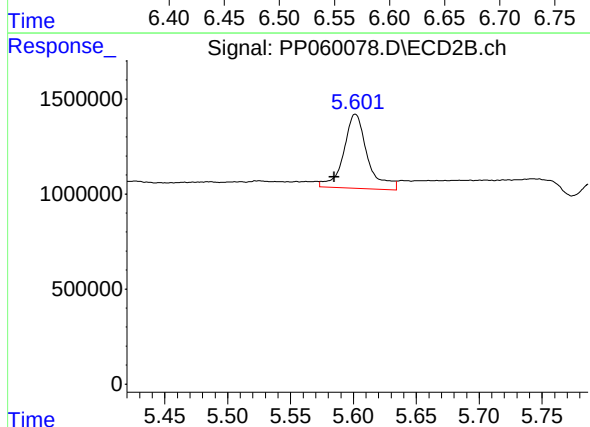
R.T.: 5.639 min
Delta R.T.: 0.013 min
Response: 225685
Conc: 3.42 ng/ml



#26 AR-1254-1

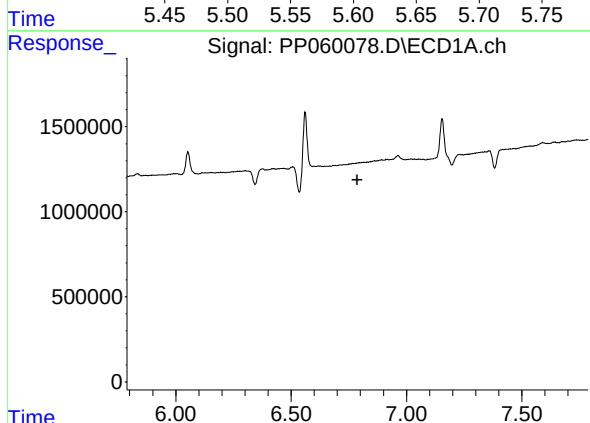
R.T.: 6.561 min
Delta R.T.: -0.004 min
Response: 8749139
Conc: 109.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



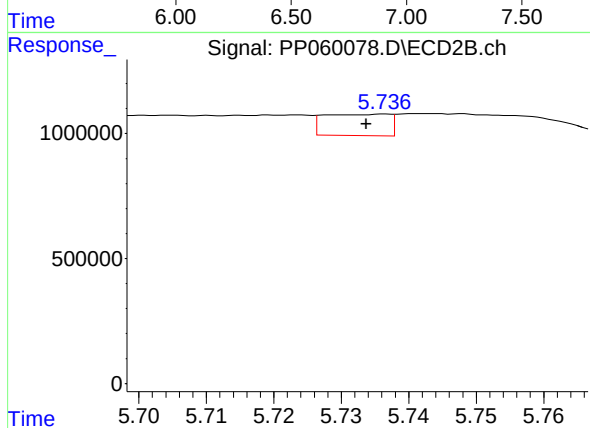
#26 AR-1254-1

R.T.: 5.602 min
Delta R.T.: 0.017 min
Response: 5138796
Conc: 51.21 ng/ml



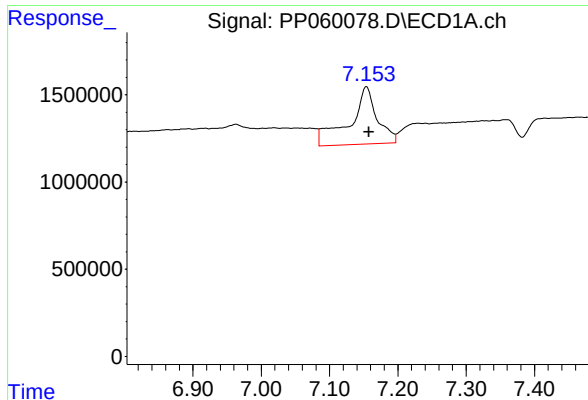
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 6.787 min
Response: 0
Conc: N.D.



#27 AR-1254-2

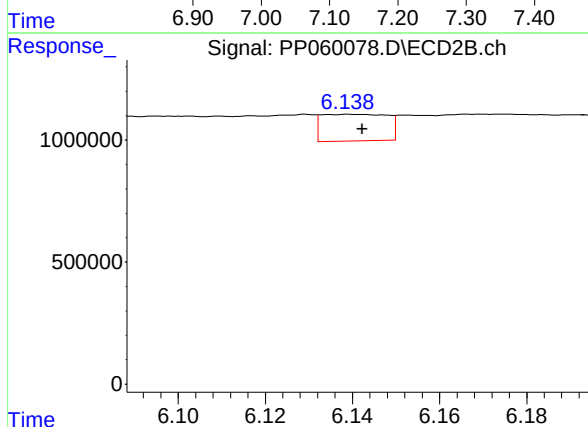
R.T.: 5.737 min
Delta R.T.: 0.003 min
Response: 577141
Conc: 6.64 ng/ml



#28 AR-1254-3

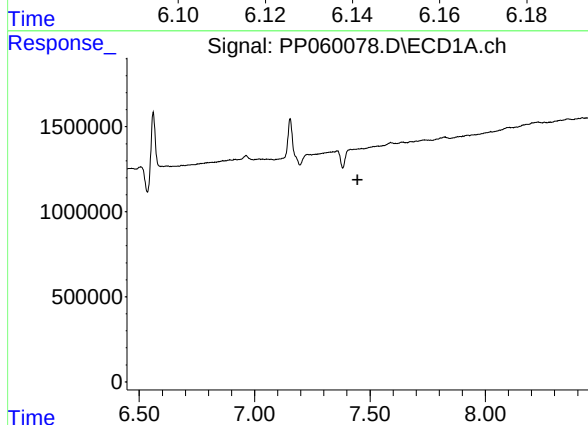
R.T.: 7.154 min
Delta R.T.: -0.004 min
Response: 9292062
Conc: 76.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



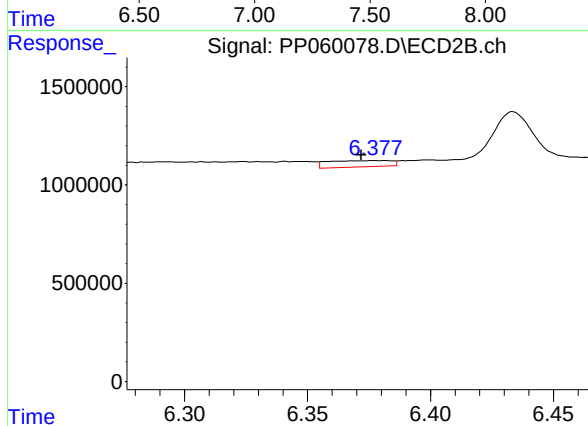
#28 AR-1254-3

R.T.: 6.139 min
Delta R.T.: -0.003 min
Response: 1138907
Conc: 8.11 ng/ml



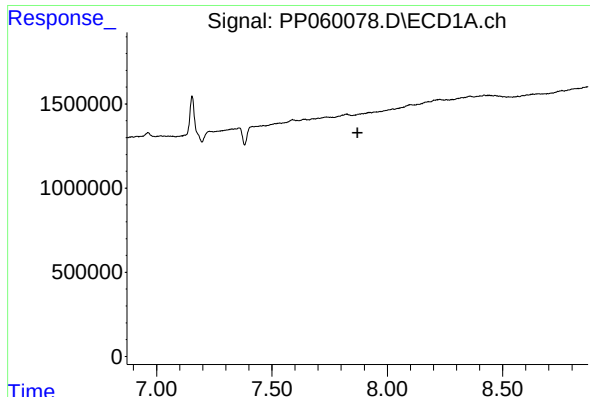
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 7.446 min
Response: 0
Conc: N.D.



#29 AR-1254-4

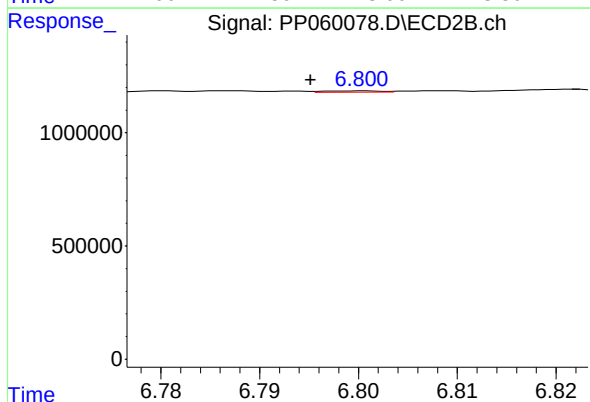
R.T.: 6.382 min
Delta R.T.: 0.010 min
Response: 582029
Conc: 6.91 ng/ml



#30 AR-1254-5

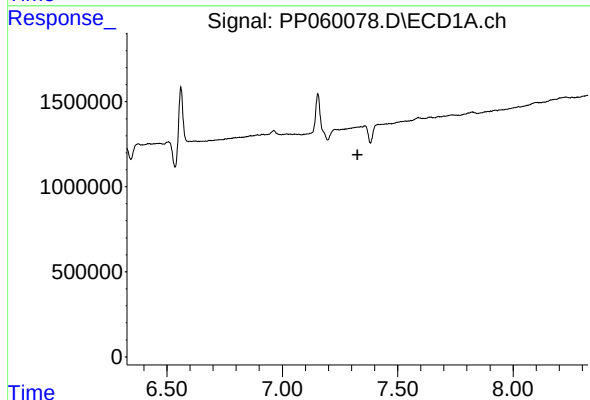
R.T.: 0.000 min
Exp R.T.: 7.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



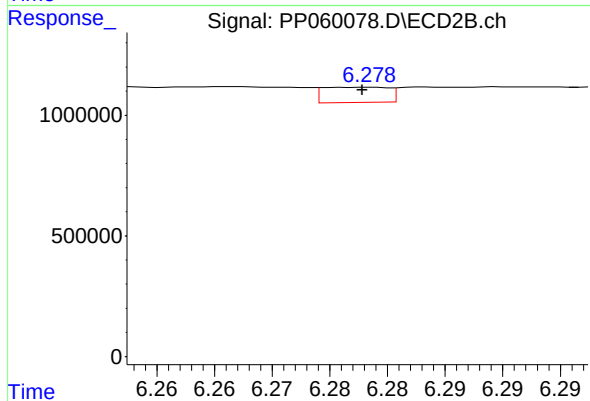
#30 AR-1254-5

R.T.: 6.800 min
Delta R.T.: 0.005 min
Response: 22301
Conc: 0.19 ng/ml



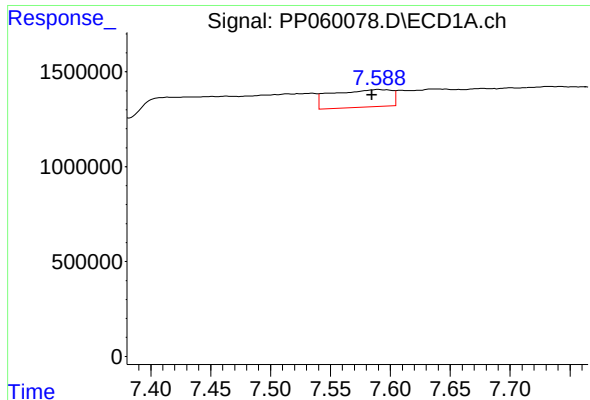
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 7.326 min
Response: 0
Conc: N.D.



#31 AR-1260-1

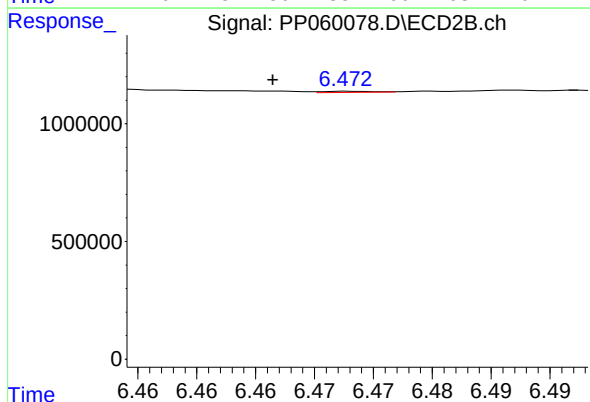
R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 249717
Conc: 2.68 ng/ml



#32 AR-1260-2

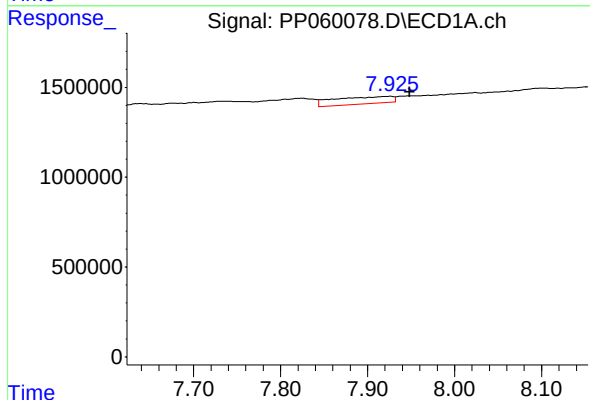
R.T.: 7.590 min
Delta R.T.: 0.005 min
Response: 3218577
Conc: 31.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



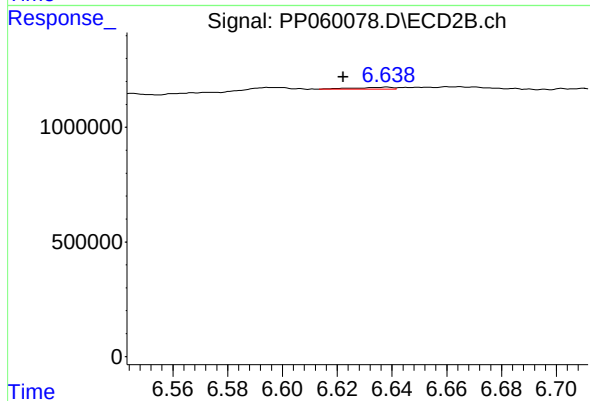
#32 AR-1260-2

R.T.: 6.473 min
Delta R.T.: 0.006 min
Response: 13189
Conc: 0.12 ng/ml



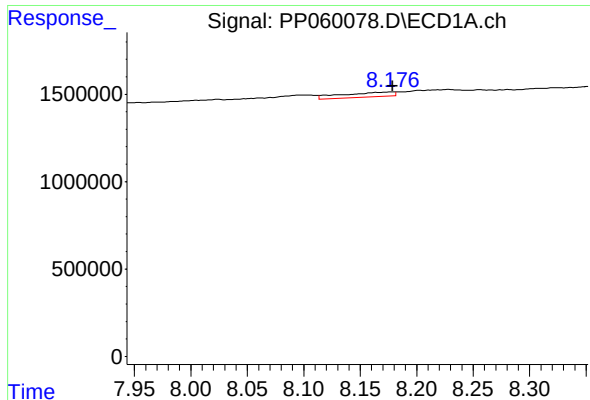
#33 AR-1260-3

R.T.: 7.926 min
Delta R.T.: -0.022 min
Response: 1885815
Conc: 23.94 ng/ml



#33 AR-1260-3

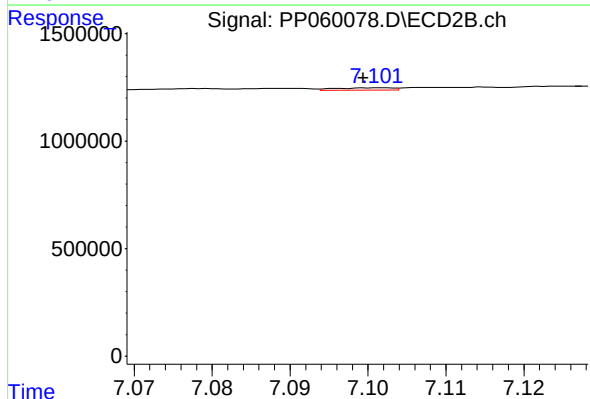
R.T.: 6.638 min
Delta R.T.: 0.016 min
Response: 82585
Conc: 0.80 ng/ml



#34 AR-1260-4

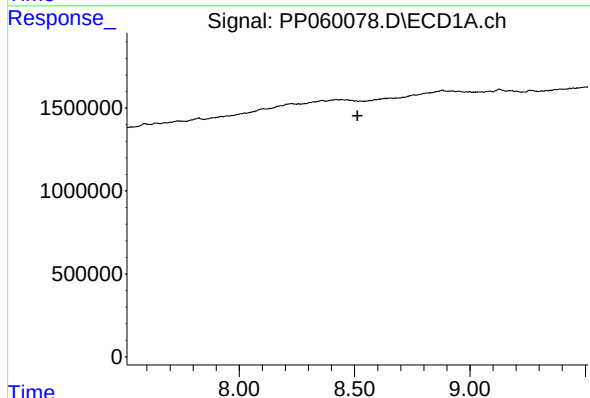
R.T.: 8.177 min
Delta R.T.: -0.001 min
Response: 847392
Conc: 9.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



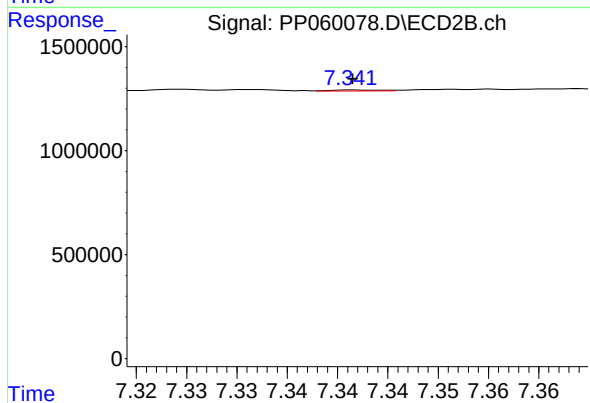
#34 AR-1260-4

R.T.: 7.101 min
Delta R.T.: 0.002 min
Response: 53797
Conc: 0.65 ng/ml



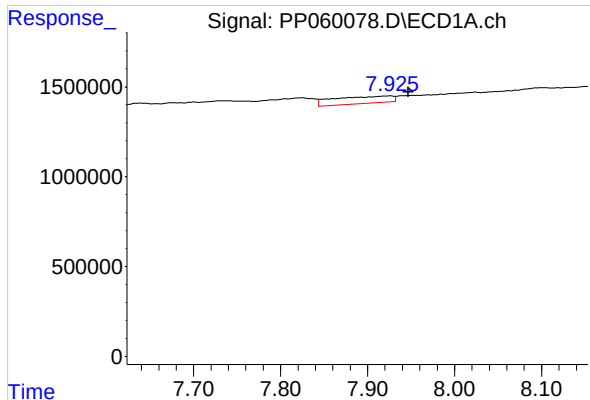
#35 AR-1260-5

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



#35 AR-1260-5

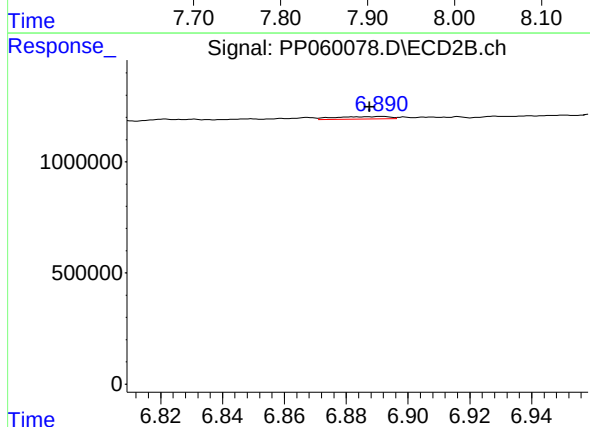
R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 16061
Conc: 0.08 ng/ml



#36 AR-1262-1

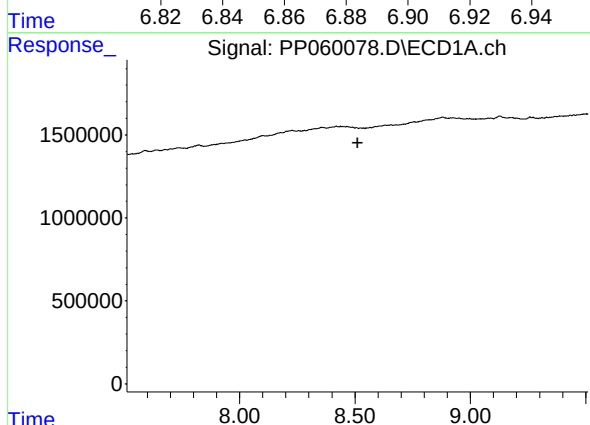
R.T.: 7.926 min
Delta R.T.: -0.021 min
Response: 1885815
Conc: 16.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



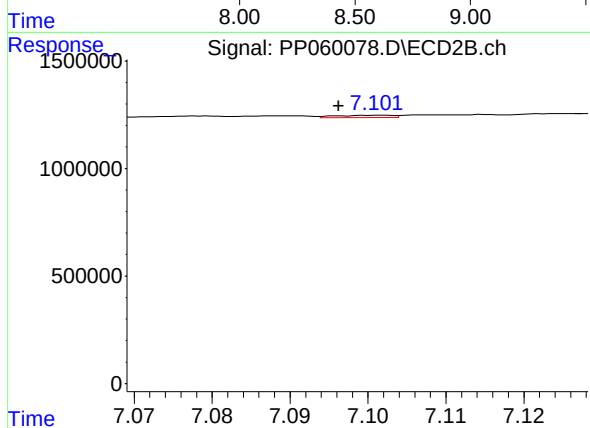
#36 AR-1262-1

R.T.: 6.891 min
Delta R.T.: 0.003 min
Response: 135835
Conc: 2.69 ng/ml



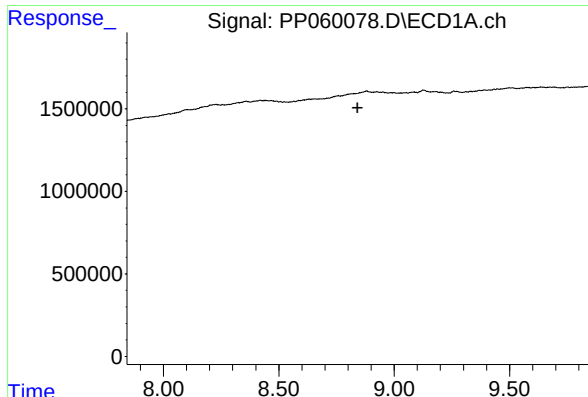
#37 AR-1262-2

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



#37 AR-1262-2

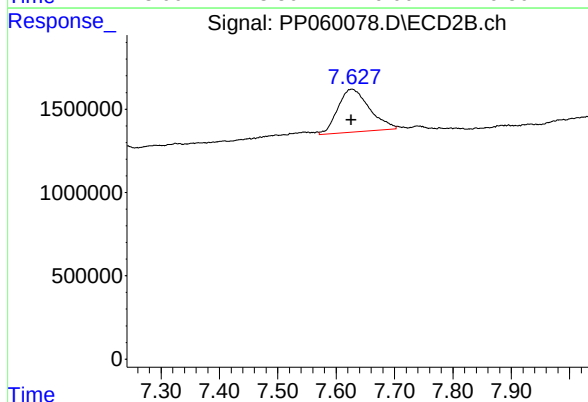
R.T.: 7.101 min
Delta R.T.: 0.005 min
Response: 53797
Conc: 0.48 ng/ml



#38 AR-1262-3

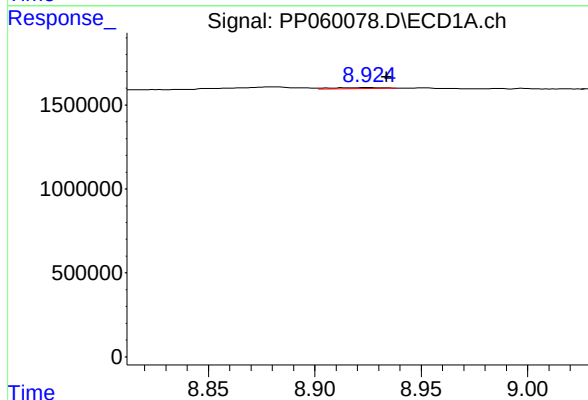
R.T.: 0.000 min
Exp R.T.: 8.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



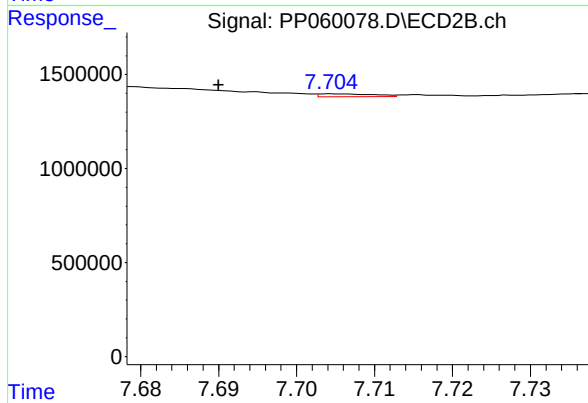
#38 AR-1262-3

R.T.: 7.627 min
Delta R.T.: 0.001 min
Response: 9768671
Conc: 111.45 ng/ml



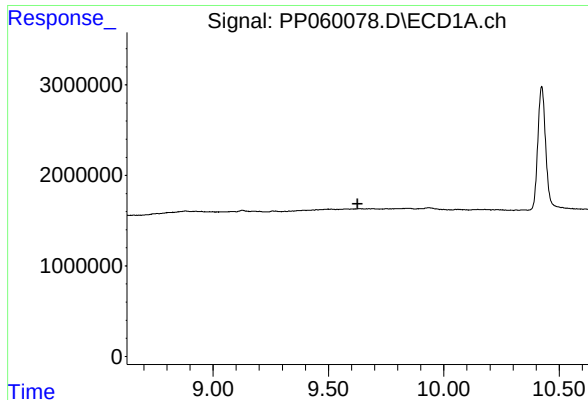
#39 AR-1262-4

R.T.: 8.925 min
Delta R.T.: -0.009 min
Response: 111920
Conc: 0.99 ng/ml



#39 AR-1262-4

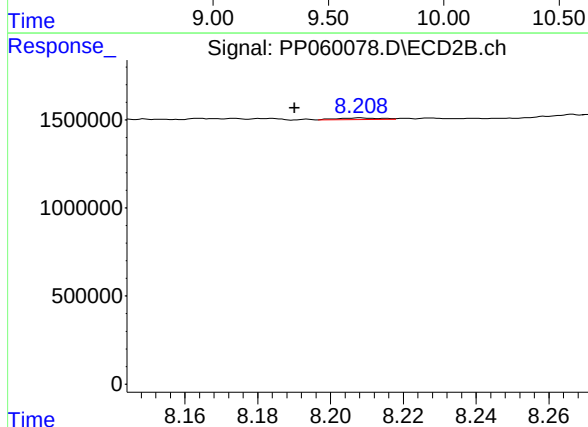
R.T.: 7.705 min
Delta R.T.: 0.015 min
Response: 72814
Conc: 0.45 ng/ml



#40 AR-1262-5

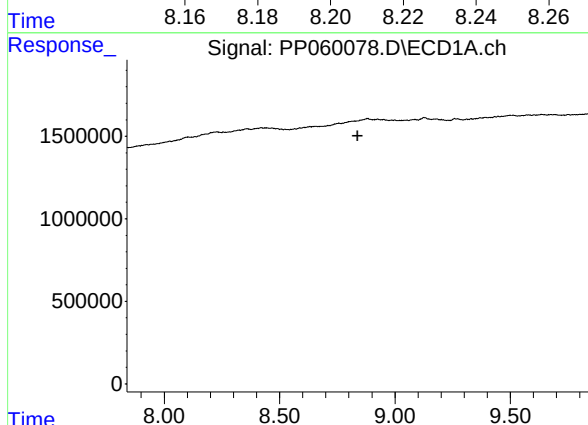
R.T.: 0.000 min
Exp R.T.: 9.626 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



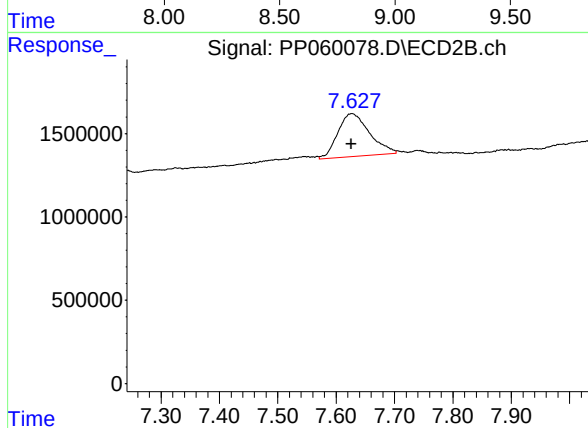
#40 AR-1262-5

R.T.: 8.208 min
Delta R.T.: 0.018 min
Response: 87483
Conc: 1.17 ng/ml



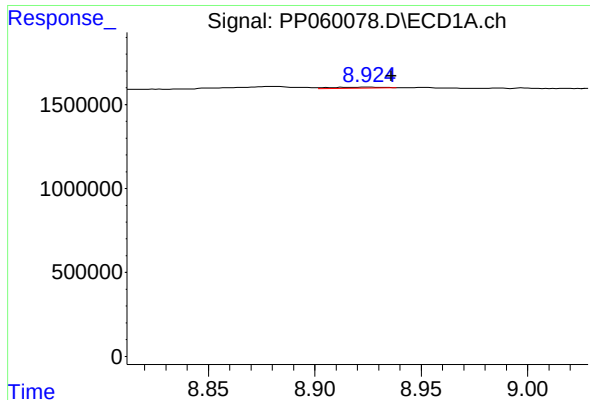
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.



#41 AR-1268-1

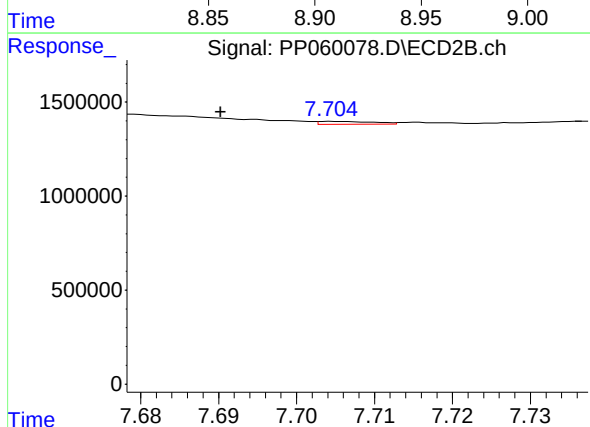
R.T.: 7.627 min
Delta R.T.: 0.001 min
Response: 9768671
Conc: 37.52 ng/ml



#42 AR-1268-2

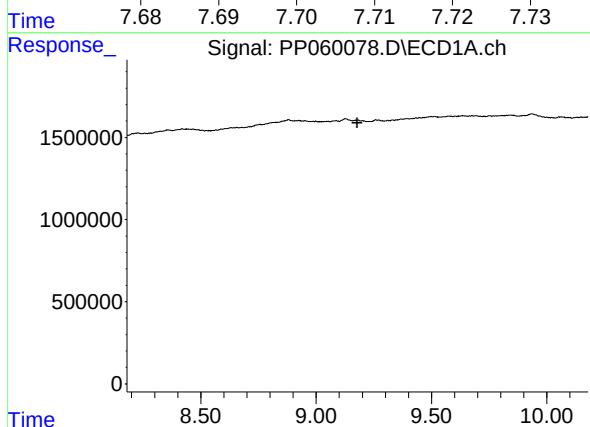
R.T.: 8.925 min
Delta R.T.: -0.011 min
Response: 111920
Conc: 0.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



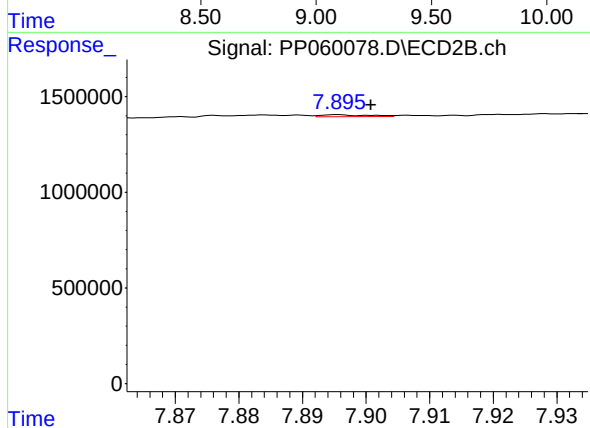
#42 AR-1268-2

R.T.: 7.705 min
Delta R.T.: 0.015 min
Response: 72814
Conc: 0.31 ng/ml



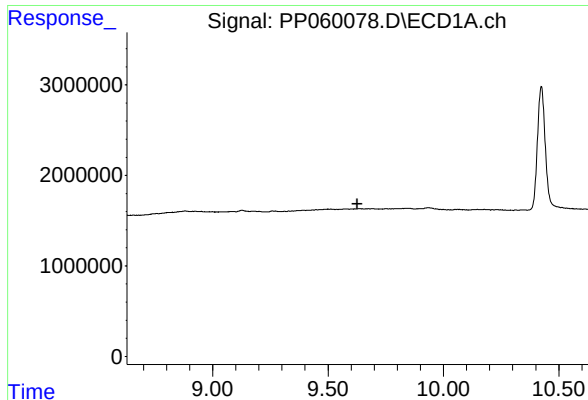
#43 AR-1268-3

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



#43 AR-1268-3

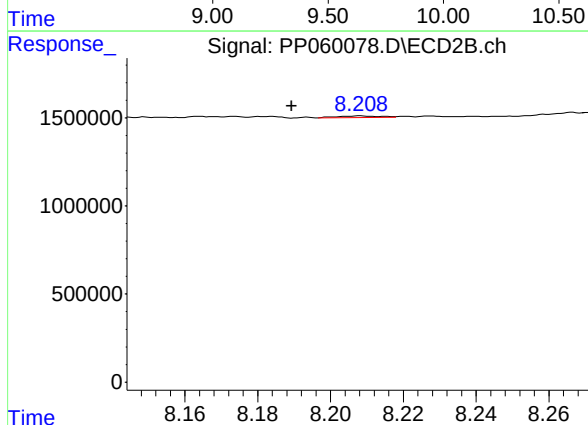
R.T.: 7.896 min
Delta R.T.: -0.005 min
Response: 53444
Conc: 0.26 ng/ml



#44 AR-1268-4

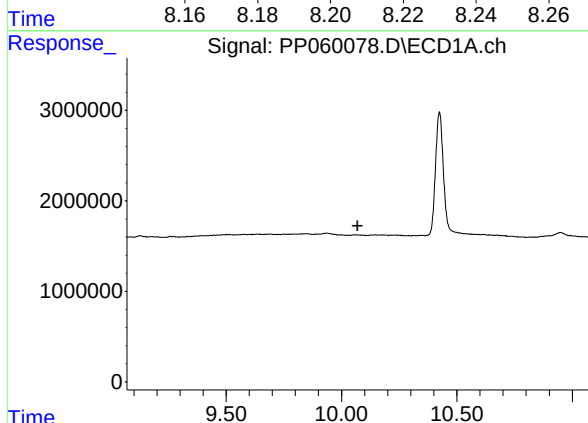
R.T.: 0.000 min
Exp R.T.: 9.627 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



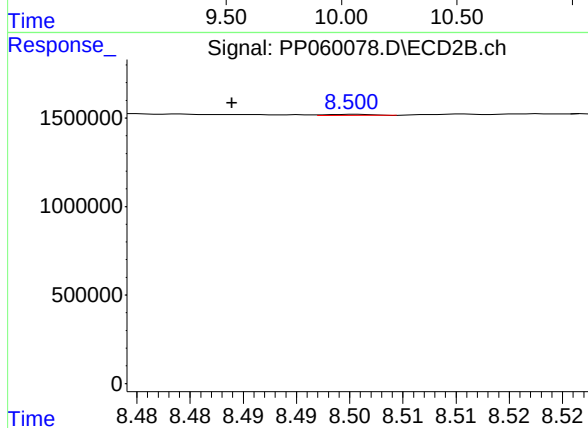
#44 AR-1268-4

R.T.: 8.208 min
Delta R.T.: 0.019 min
Response: 87483
Conc: 1.08 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.: 8.500 min
Delta R.T.: 0.011 min
Response: 17796
Conc: 0.03 ng/ml