

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101023\
 Data File : PP060843.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 14:51
 Operator : YP\AJ
 Sample : 04699-09
 Misc : AR1242 MDL 25 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 01:59:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.532	3.683	42688144	29688706	19.061	19.945
2)	SA Decachlor...	10.464	8.747	37331608	32148858	21.145	19.709
Target Compounds							
3)	L1 AR-1016-1	5.720	4.781	1526464	1098289	20.739	18.900
4)	L1 AR-1016-2	5.743	4.800	2008618	1466907	19.178	18.221
5)	L1 AR-1016-3	5.806	4.977	1258149	823286	19.251	18.421
6)	L1 AR-1016-4	5.906	5.020	1073449	670178	19.740	18.624
7)	L1 AR-1016-5	6.205	5.235	1104842	886431	19.863	18.243
8)	L2 AR-1221-1	0.000	3.900	0	62937	N.D.	3.013 #
9)	L2 AR-1221-2	4.844	3.986	1010695	603999	47.306	40.507
10)	L2 AR-1221-3	4.909	4.063	957930	613017	15.774	13.955
11)	L3 AR-1232-1	4.909f	4.063	957930	613017	19.030	16.846
12)	L3 AR-1232-2	5.448f	4.800	1098015	1466907	40.099	40.224
13)	L3 AR-1232-3	5.743f	4.977	2008618	823286	43.273	41.133
14)	L3 AR-1232-4	5.906f	5.062	1073449	847007	43.672	45.381
15)	L3 AR-1232-5	5.998f	5.235	858536	886431	41.432	42.618
16)	L4 AR-1242-1	5.720	4.781	1526464	1098289	23.886	21.694
17)	L4 AR-1242-2	5.743	4.800	2008618	1466907	22.183	21.123
18)	L4 AR-1242-3	5.806	4.977	1258149	823286	22.347	21.378
19)	L4 AR-1242-4	5.906	5.062	1073449	847007	22.983	21.507
20)	L4 AR-1242-5	6.652	5.589	1236817	1025751	24.591	20.969
21)	L5 AR-1248-1	5.720	4.781	1526464	1098289	32.810	30.095
22)	L5 AR-1248-2	5.998	5.020	858536	670178	12.382	12.821
23)	L5 AR-1248-3	6.205	5.062	1104842	847007	14.547	15.255
24)	L5 AR-1248-4	6.614	5.235	1196346	886431	14.465	13.466
25)	L5 AR-1248-5	6.652	5.631	1236817	918821	15.367	14.285
26)	L6 AR-1254-1	6.586	5.589	1022828	1025751	11.985	10.370
27)	L6 AR-1254-2	6.812	5.738	1037652	267300	8.130	3.110 #
28)	L6 AR-1254-3	7.179	6.146	711690	441971	5.354	3.084 #
29)	L6 AR-1254-4	7.468	6.375	479452	374263	4.875	4.294
30)	L6 AR-1254-5	7.883	6.795	510629	99869	4.713	0.788 #
31)	L7 AR-1260-1	7.357	6.273	48343	82163	0.461	0.819 #
32)	L7 AR-1260-2	7.612	6.469	271432	34239	2.245	0.287 #
33)	L7 AR-1260-3	7.973	6.625	169639	9630	1.830	0.084 #
34)	L7 AR-1260-4	0.000	7.099	0	18439	N.D.	0.194 #
35)	L7 AR-1260-5	0.000	7.344	0	32401	N.D.	0.150 #
36)	L8 AR-1262-1	7.973	6.890	169639	12096	1.360	0.226 #
37)	L8 AR-1262-2	0.000	7.099	0	18439	N.D.	0.156 #
38)	L8 AR-1262-3	0.000	7.624	0	20746	N.D.	0.225 #
39)	L8 AR-1262-4	0.000	7.689	0	24330	N.D.	0.144 #
40)	L8 AR-1262-5	0.000	8.191	0	4608	N.D.	0.059 #
41)	L9 AR-1268-1	0.000	7.624	0	20746	N.D.	0.076 #

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Integration File signal 1: autoint1.e
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 Quant Time: Oct 11 01:59:49 2023
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 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

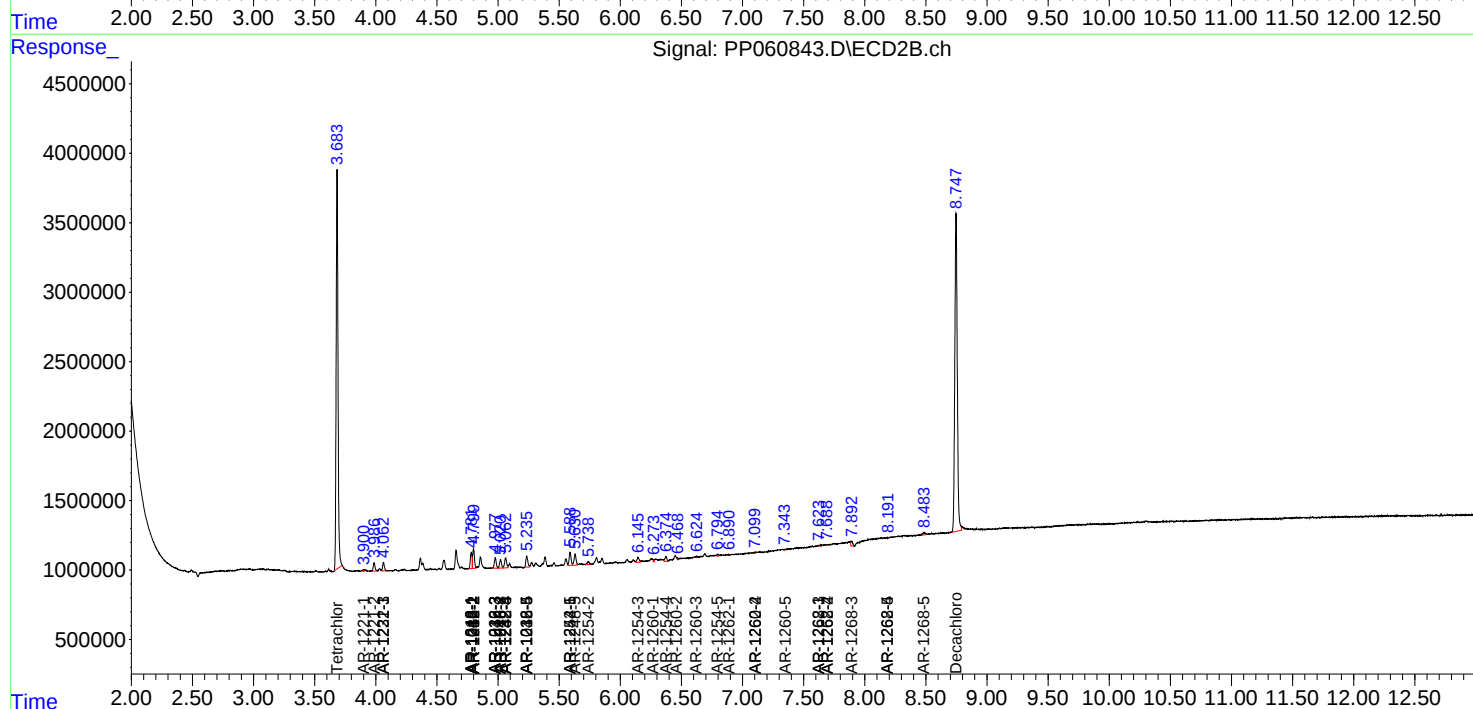
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

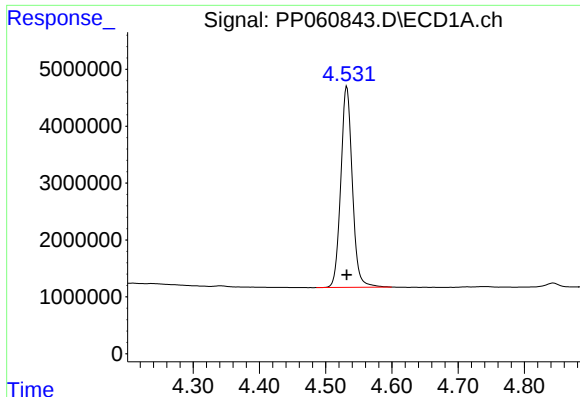
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.689	0	24330	N.D.	0.100 #
43) L9	AR-1268-3	0.000	7.892	0	366614	N.D.	1.714 #
44) L9	AR-1268-4	0.000	8.191	0	4608	N.D.	0.053 #
45) L9	AR-1268-5	0.000	8.484	0	209179	N.D.	0.335 #

(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

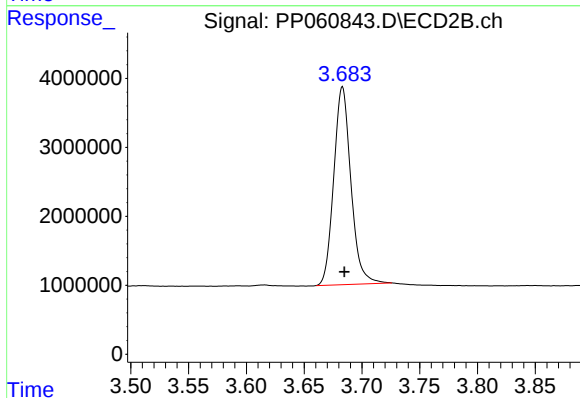




#1 Tetrachloro-m-xylene

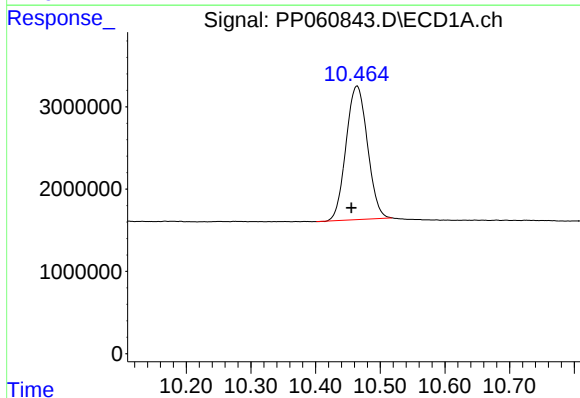
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 42688144
Conc: 19.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



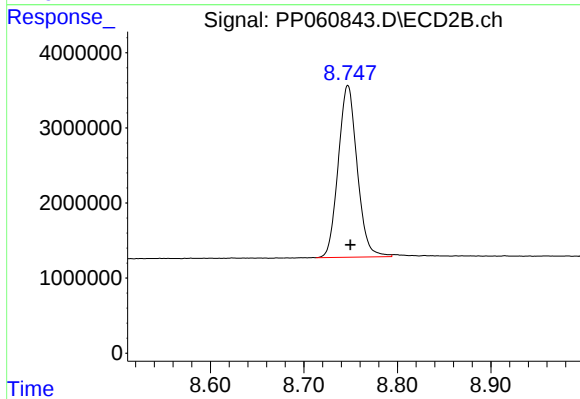
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.001 min
Response: 29688706
Conc: 19.95 ng/ml



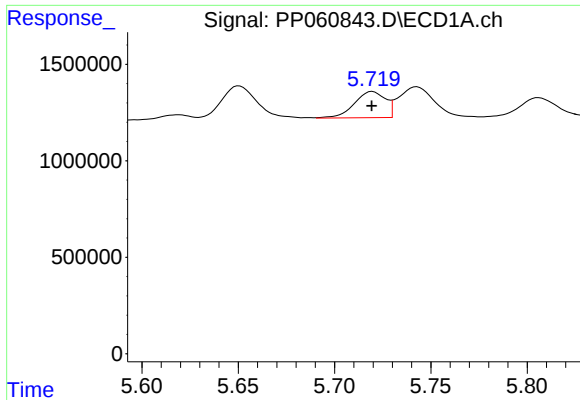
#2 Decachlorobiphenyl

R.T.: 10.464 min
Delta R.T.: 0.009 min
Response: 37331608
Conc: 21.14 ng/ml



#2 Decachlorobiphenyl

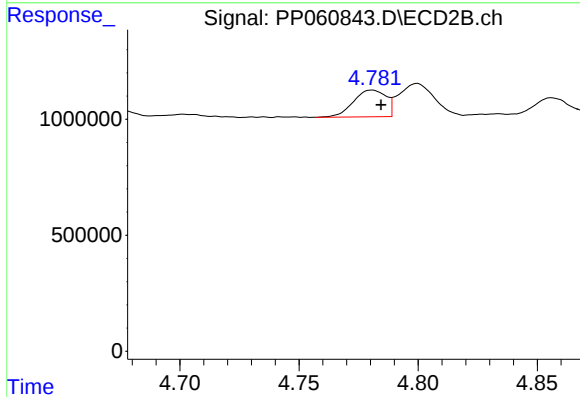
R.T.: 8.747 min
Delta R.T.: -0.003 min
Response: 32148858
Conc: 19.71 ng/ml



#3 AR-1016-1

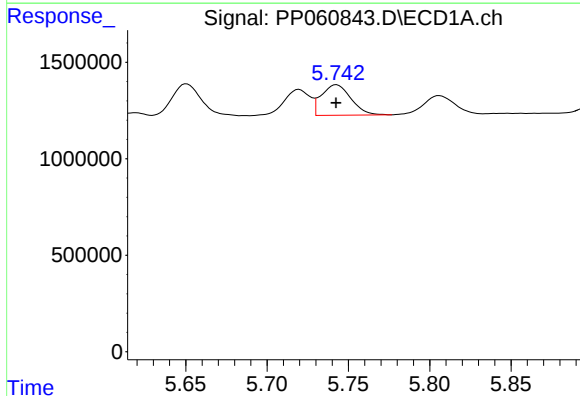
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 1526464
Conc: 20.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



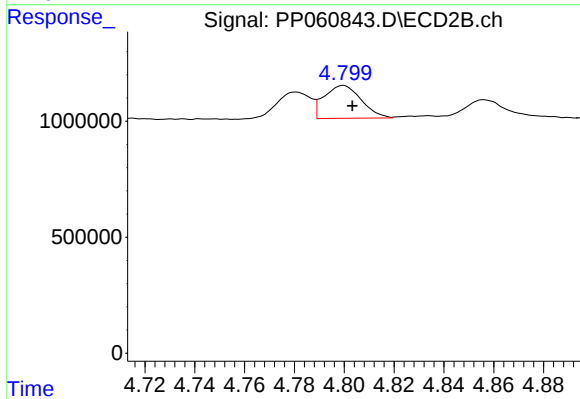
#3 AR-1016-1

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 1098289
Conc: 18.90 ng/ml



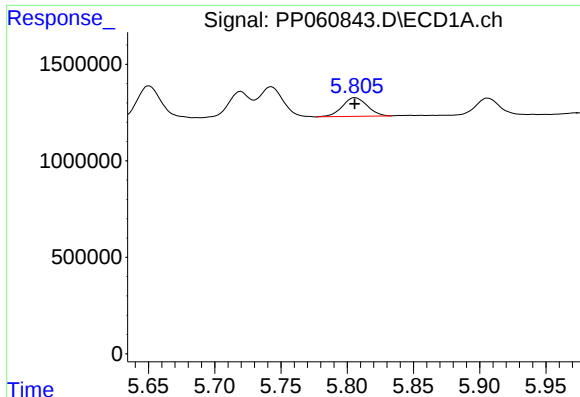
#4 AR-1016-2

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 2008618
Conc: 19.18 ng/ml



#4 AR-1016-2

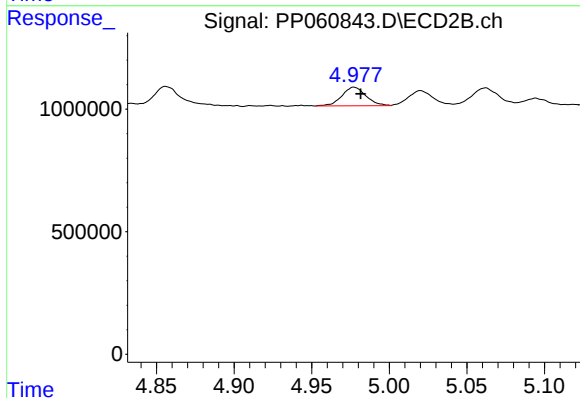
R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 1466907
Conc: 18.22 ng/ml



#5 AR-1016-3

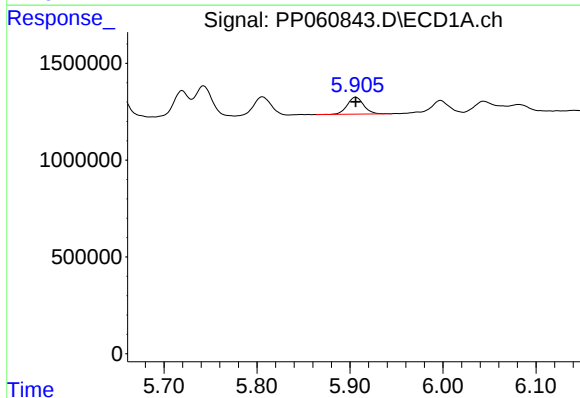
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 1258149
Conc: 19.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



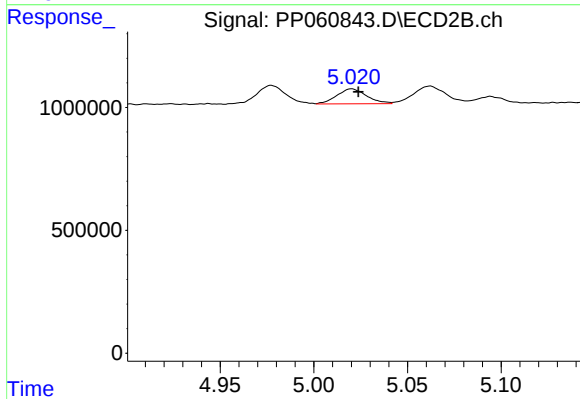
#5 AR-1016-3

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 823286
Conc: 18.42 ng/ml



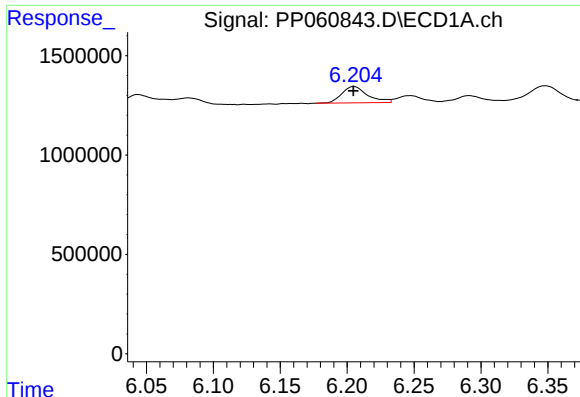
#6 AR-1016-4

R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 1073449
Conc: 19.74 ng/ml



#6 AR-1016-4

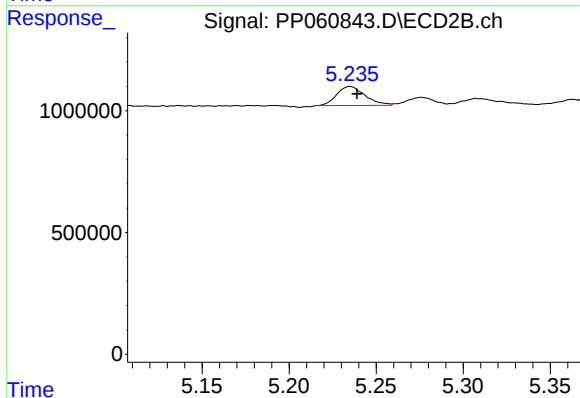
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 670178
Conc: 18.62 ng/ml



#7 AR-1016-5

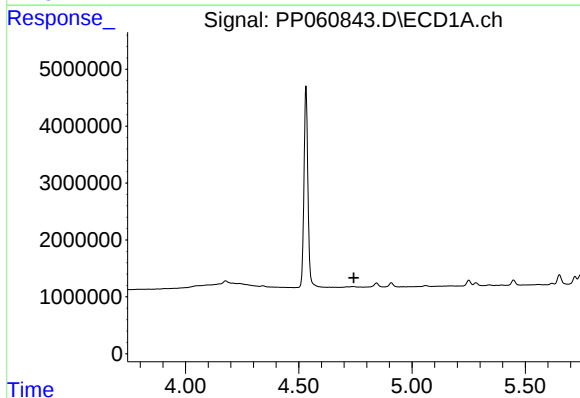
R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 1104842
Conc: 19.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



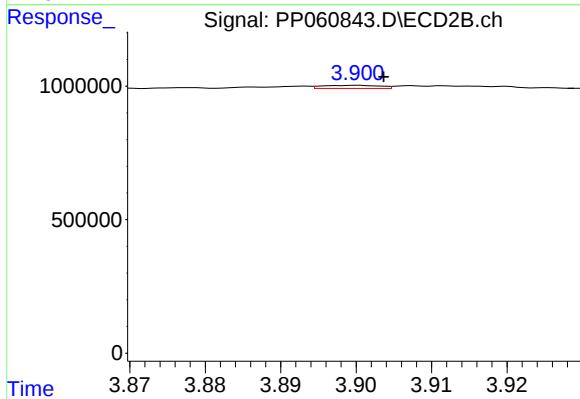
#7 AR-1016-5

R.T.: 5.235 min
Delta R.T.: -0.004 min
Response: 886431
Conc: 18.24 ng/ml



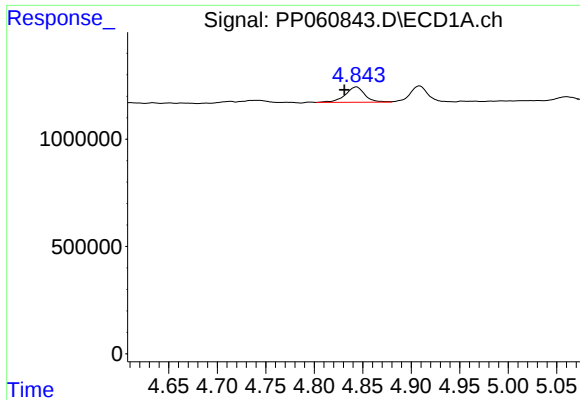
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.743 min
Response: 0
Conc: N.D.



#8 AR-1221-1

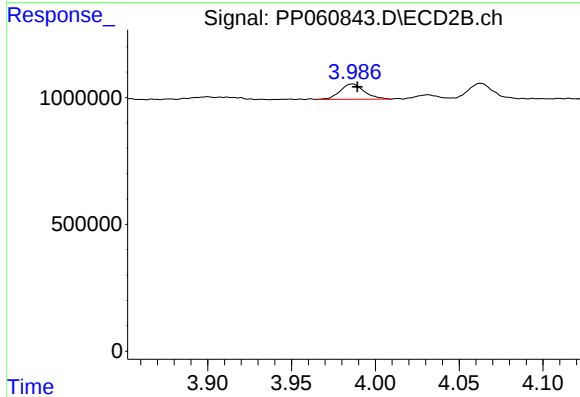
R.T.: 3.900 min
Delta R.T.: -0.003 min
Response: 62937
Conc: 3.01 ng/ml



#9 AR-1221-2

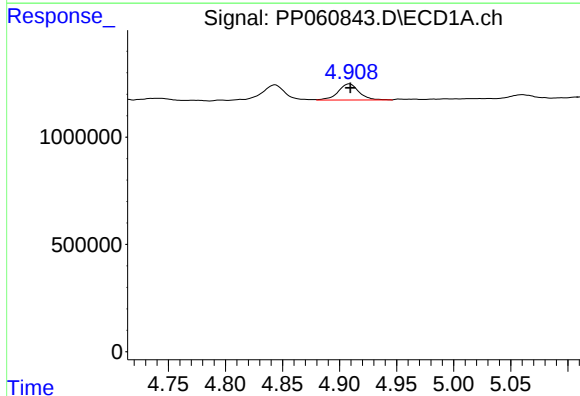
R.T.: 4.844 min
Delta R.T.: 0.013 min
Response: 1010695
Conc: 47.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



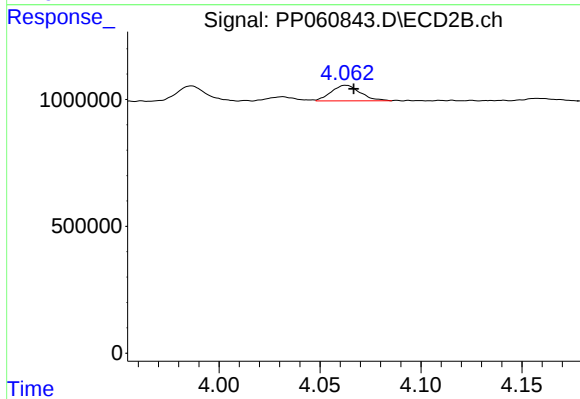
#9 AR-1221-2

R.T.: 3.986 min
Delta R.T.: -0.003 min
Response: 603999
Conc: 40.51 ng/ml



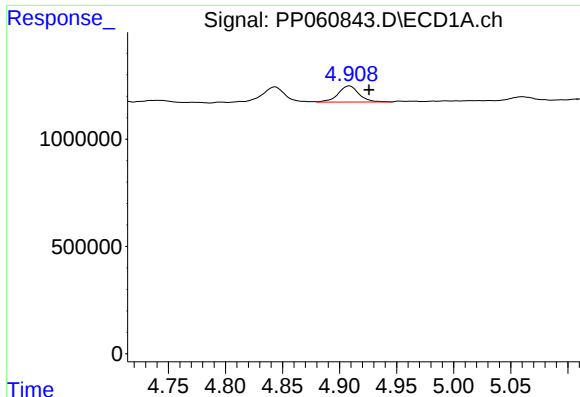
#10 AR-1221-3

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 957930
Conc: 15.77 ng/ml



#10 AR-1221-3

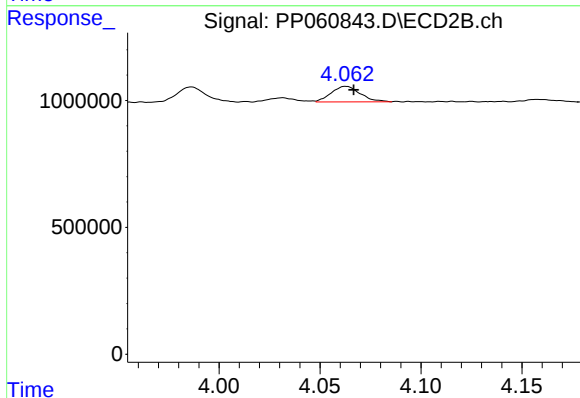
R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 613017
Conc: 13.96 ng/ml



#11 AR-1232-1

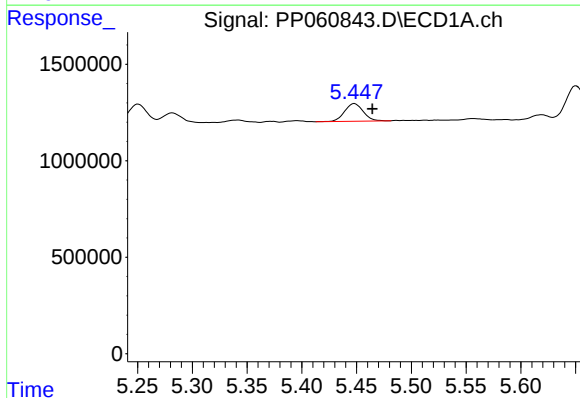
R.T.: 4.909 min
Delta R.T.: -0.017 min
Response: 957930
Conc: 19.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



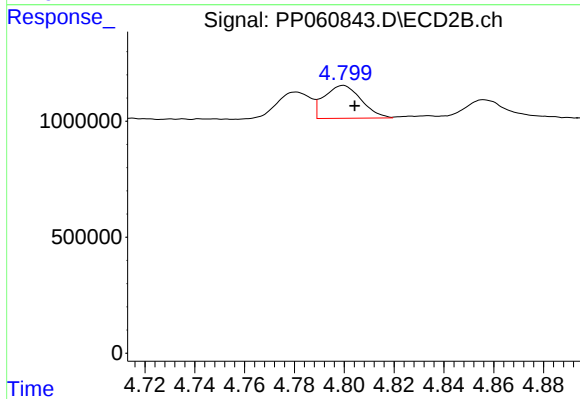
#11 AR-1232-1

R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 613017
Conc: 16.85 ng/ml



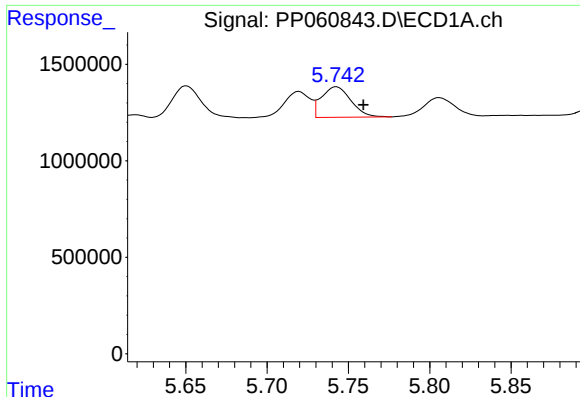
#12 AR-1232-2

R.T.: 5.448 min
Delta R.T.: -0.016 min
Response: 1098015
Conc: 40.10 ng/ml



#12 AR-1232-2

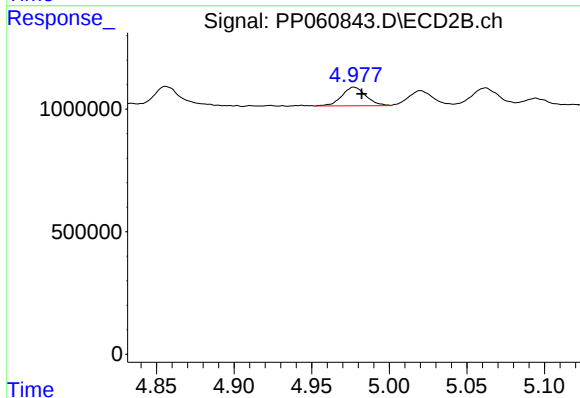
R.T.: 4.800 min
Delta R.T.: -0.005 min
Response: 1466907
Conc: 40.22 ng/ml



#13 AR-1232-3

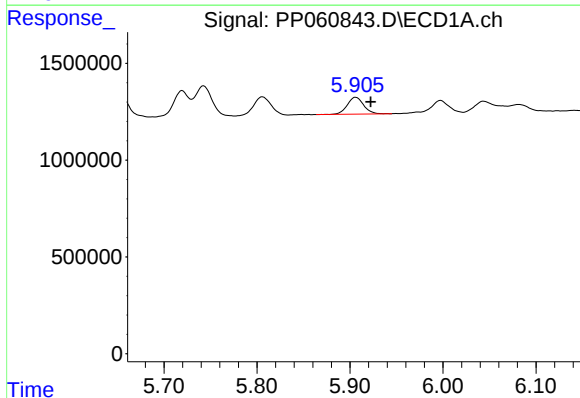
R.T.: 5.743 min
Delta R.T.: -0.016 min
Response: 2008618
Conc: 43.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



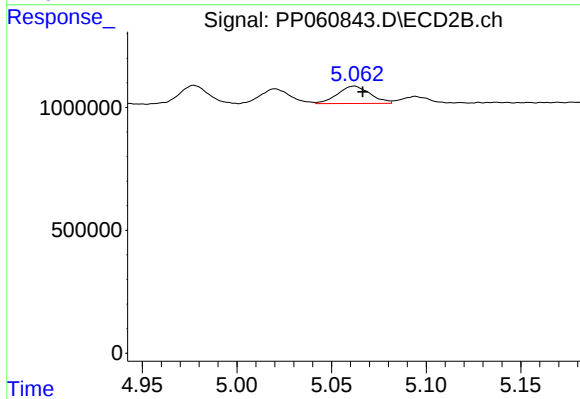
#13 AR-1232-3

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 823286
Conc: 41.13 ng/ml



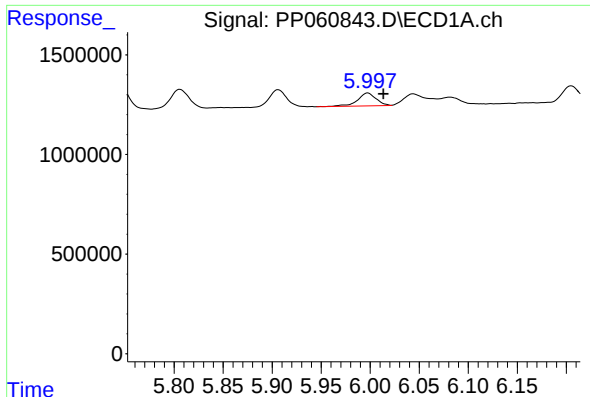
#14 AR-1232-4

R.T.: 5.906 min
Delta R.T.: -0.016 min
Response: 1073449
Conc: 43.67 ng/ml



#14 AR-1232-4

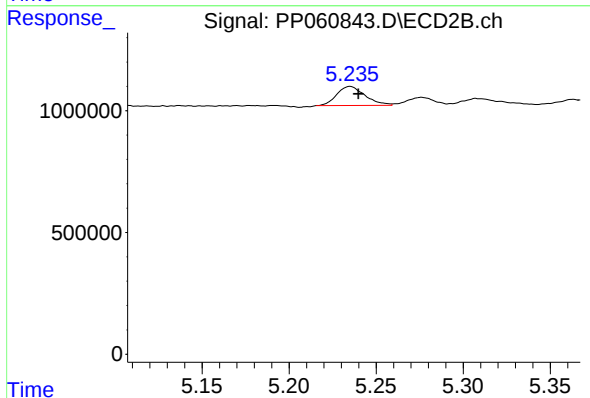
R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 847007
Conc: 45.38 ng/ml



#15 AR-1232-5

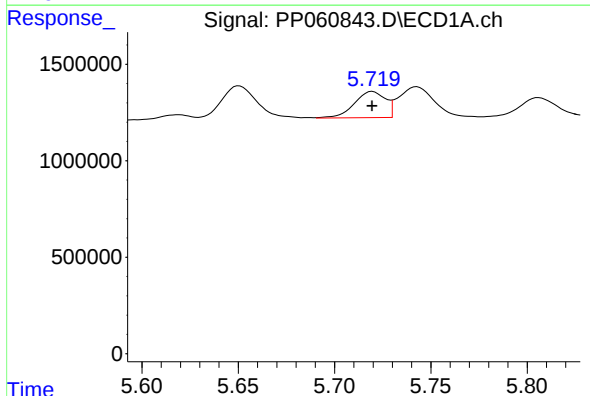
R.T.: 5.998 min
Delta R.T.: -0.016 min
Response: 858536
Conc: 41.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



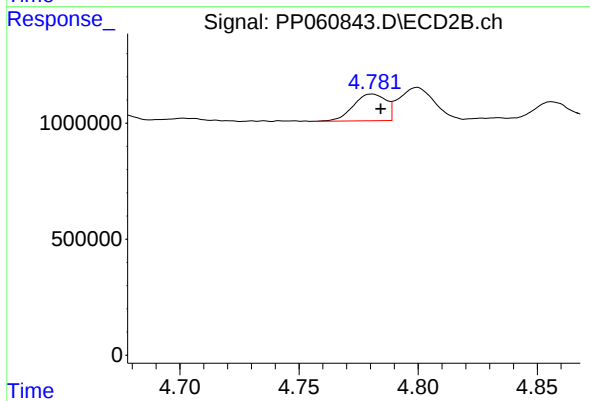
#15 AR-1232-5

R.T.: 5.235 min
Delta R.T.: -0.005 min
Response: 886431
Conc: 42.62 ng/ml



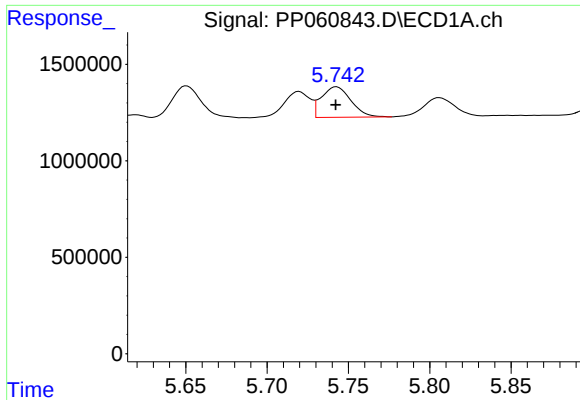
#16 AR-1242-1

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 1526464
Conc: 23.89 ng/ml



#16 AR-1242-1

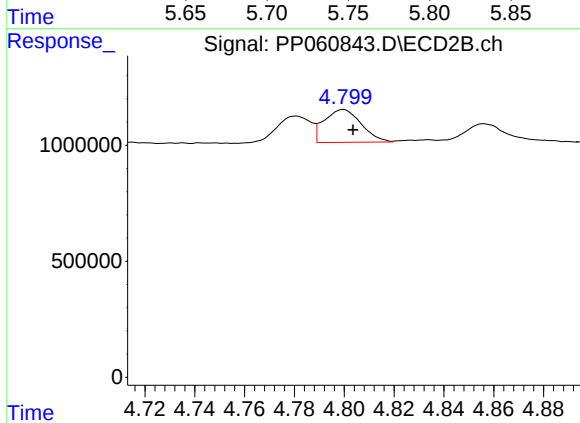
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 1098289
Conc: 21.69 ng/ml



#17 AR-1242-2

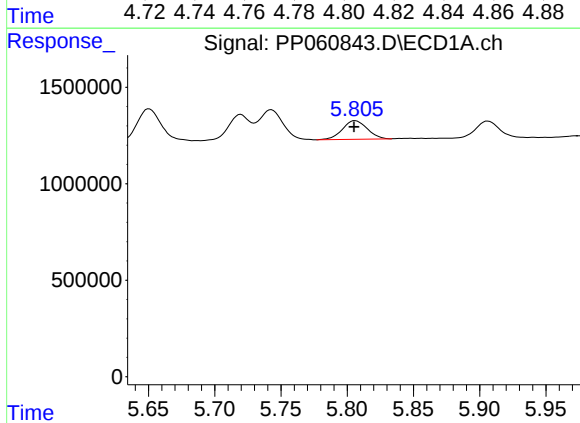
R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 2008618
Conc: 22.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



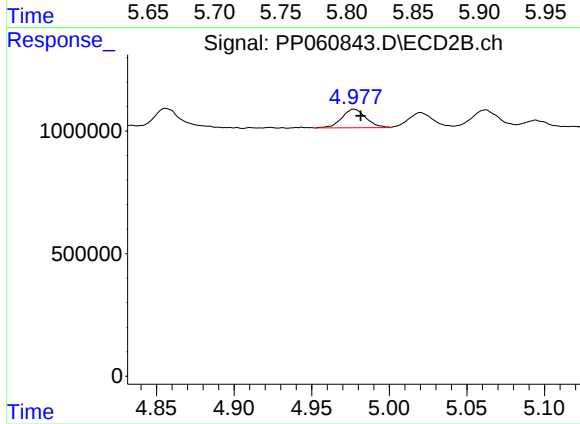
#17 AR-1242-2

R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 1466907
Conc: 21.12 ng/ml



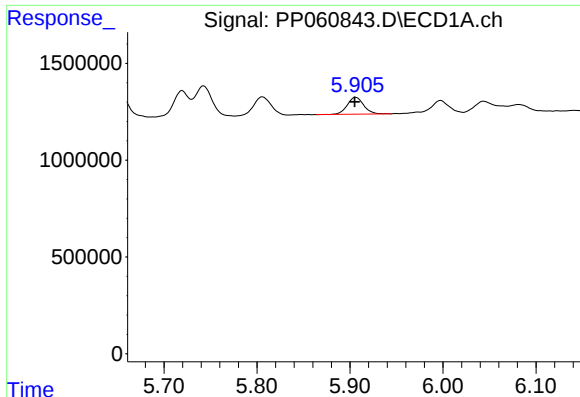
#18 AR-1242-3

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 1258149
Conc: 22.35 ng/ml



#18 AR-1242-3

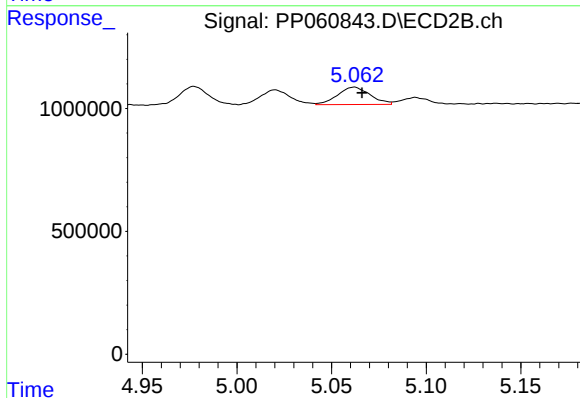
R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 823286
Conc: 21.38 ng/ml



#19 AR-1242-4

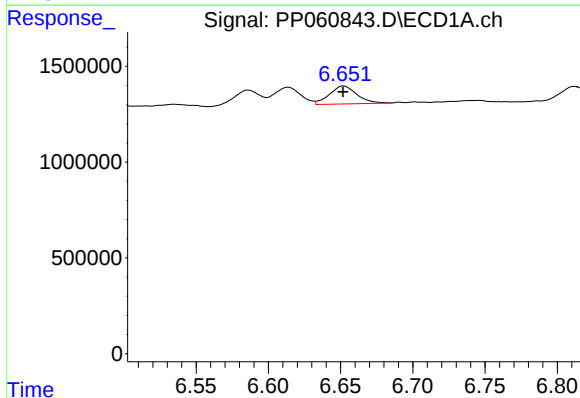
R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 1073449
Conc: 22.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



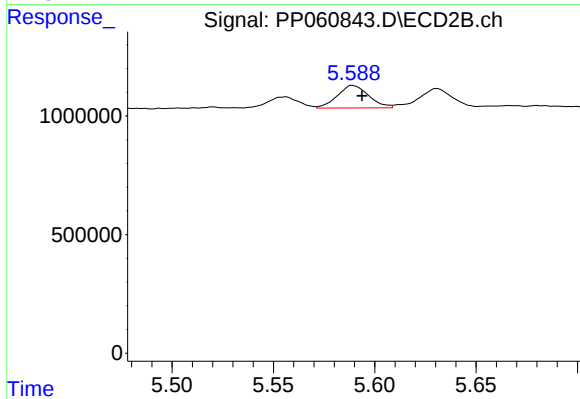
#19 AR-1242-4

R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 847007
Conc: 21.51 ng/ml



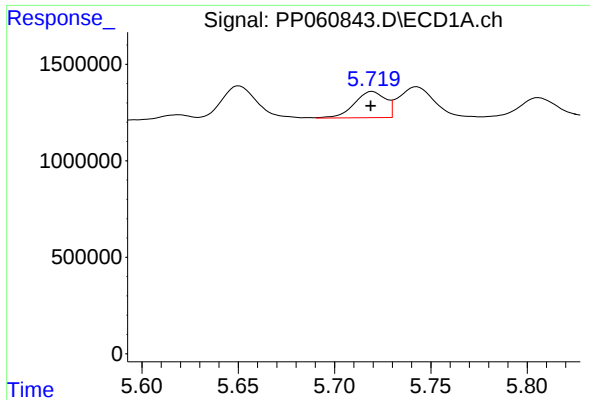
#20 AR-1242-5

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 1236817
Conc: 24.59 ng/ml



#20 AR-1242-5

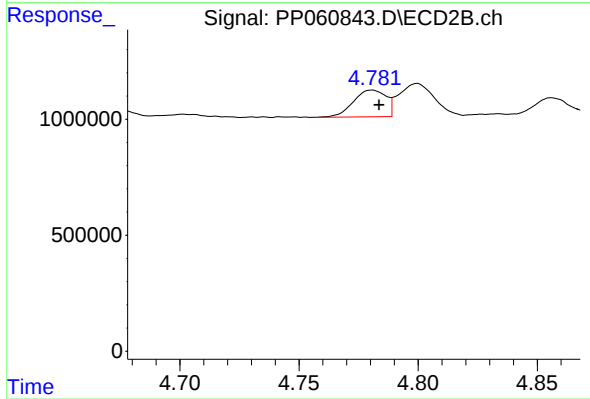
R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 1025751
Conc: 20.97 ng/ml



#21 AR-1248-1

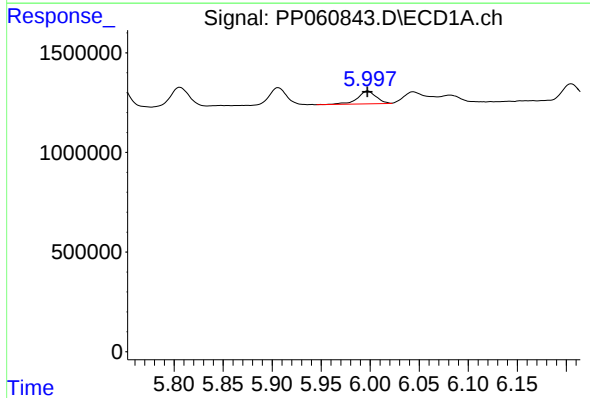
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 1526464
Conc: 32.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



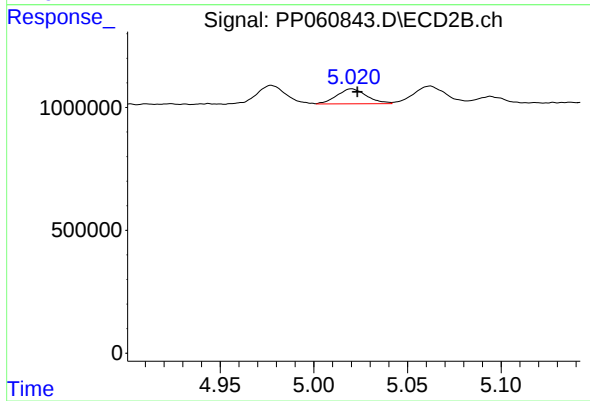
#21 AR-1248-1

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 1098289
Conc: 30.10 ng/ml



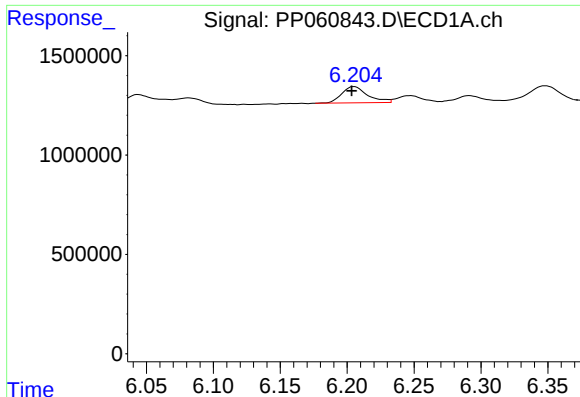
#22 AR-1248-2

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 858536
Conc: 12.38 ng/ml



#22 AR-1248-2

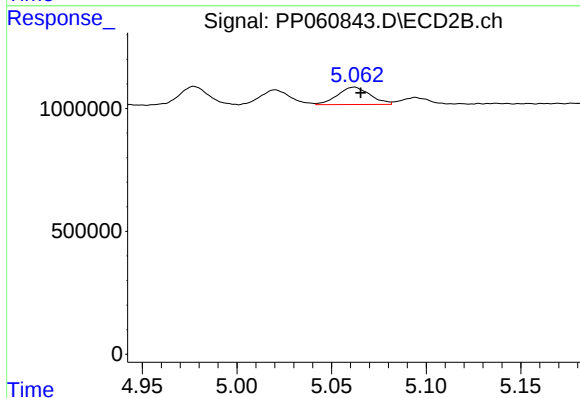
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 670178
Conc: 12.82 ng/ml



#23 AR-1248-3

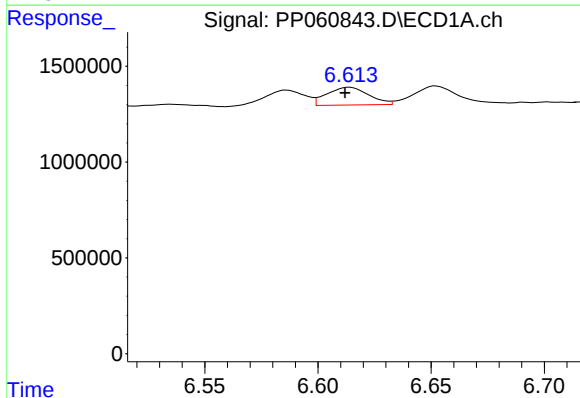
R.T.: 6.205 min
Delta R.T.: 0.002 min
Response: 1104842
Conc: 14.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



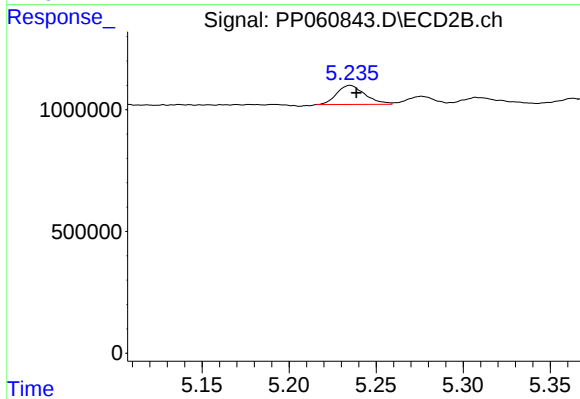
#23 AR-1248-3

R.T.: 5.062 min
Delta R.T.: -0.003 min
Response: 847007
Conc: 15.25 ng/ml



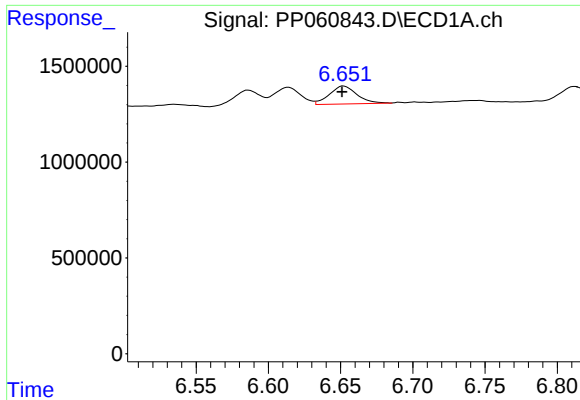
#24 AR-1248-4

R.T.: 6.614 min
Delta R.T.: 0.002 min
Response: 1196346
Conc: 14.47 ng/ml



#24 AR-1248-4

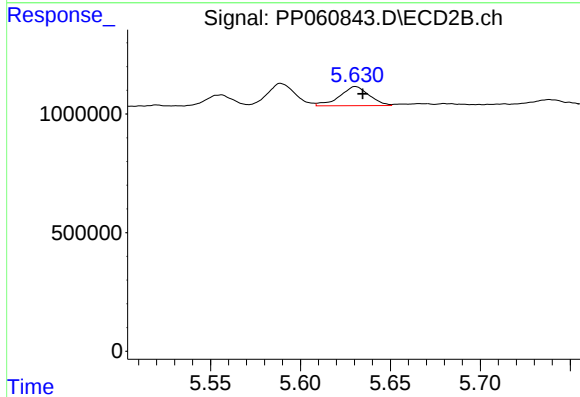
R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 886431
Conc: 13.47 ng/ml



#25 AR-1248-5

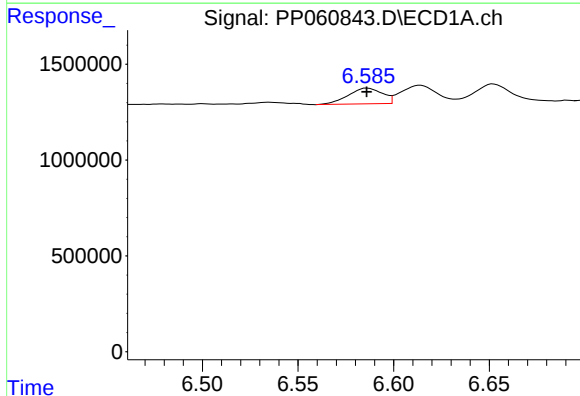
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 1236817
Conc: 15.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



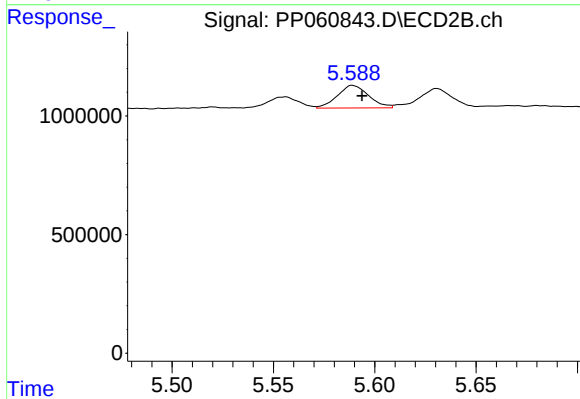
#25 AR-1248-5

R.T.: 5.631 min
Delta R.T.: -0.004 min
Response: 918821
Conc: 14.28 ng/ml



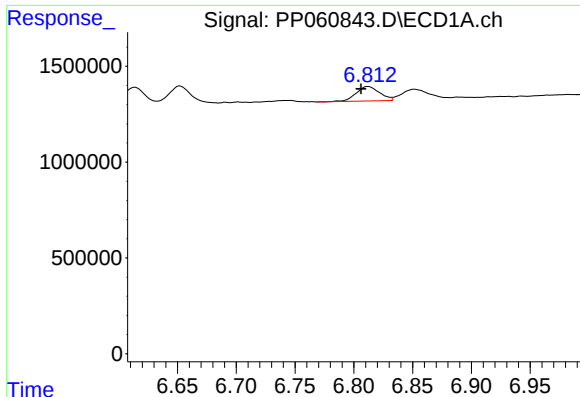
#26 AR-1254-1

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 1022828
Conc: 11.99 ng/ml



#26 AR-1254-1

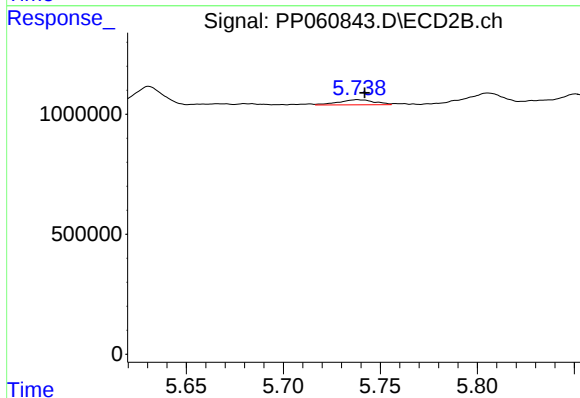
R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 1025751
Conc: 10.37 ng/ml



#27 AR-1254-2

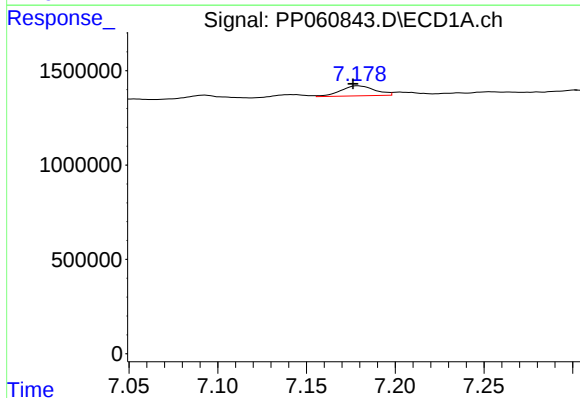
R.T.: 6.812 min
Delta R.T.: 0.006 min
Response: 1037652
Conc: 8.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



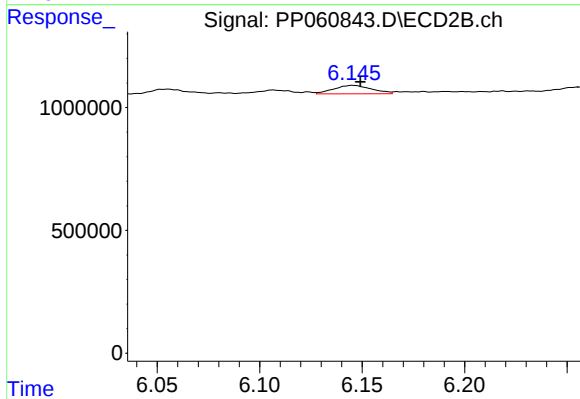
#27 AR-1254-2

R.T.: 5.738 min
Delta R.T.: -0.004 min
Response: 267300
Conc: 3.11 ng/ml



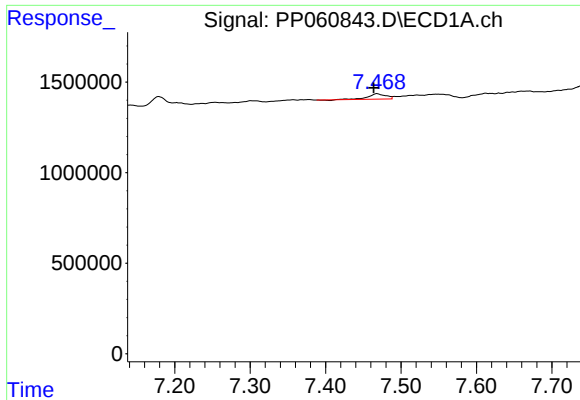
#28 AR-1254-3

R.T.: 7.179 min
Delta R.T.: 0.003 min
Response: 711690
Conc: 5.35 ng/ml



#28 AR-1254-3

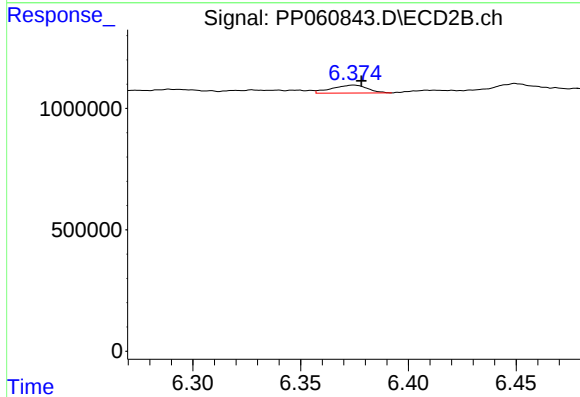
R.T.: 6.146 min
Delta R.T.: -0.004 min
Response: 441971
Conc: 3.08 ng/ml



#29 AR-1254-4

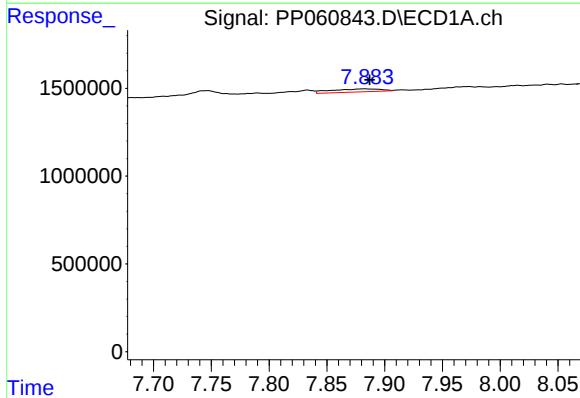
R.T.: 7.468 min
Delta R.T.: 0.004 min
Response: 479452
Conc: 4.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



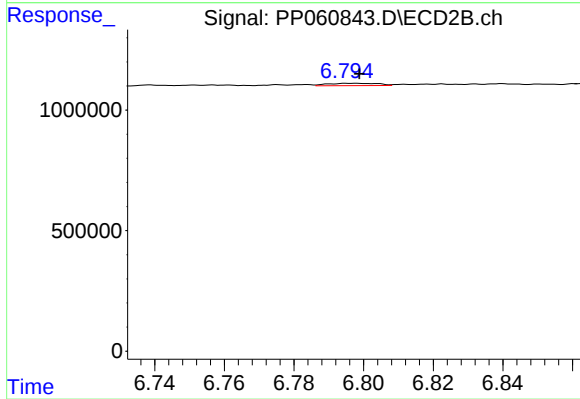
#29 AR-1254-4

R.T.: 6.375 min
Delta R.T.: -0.004 min
Response: 374263
Conc: 4.29 ng/ml



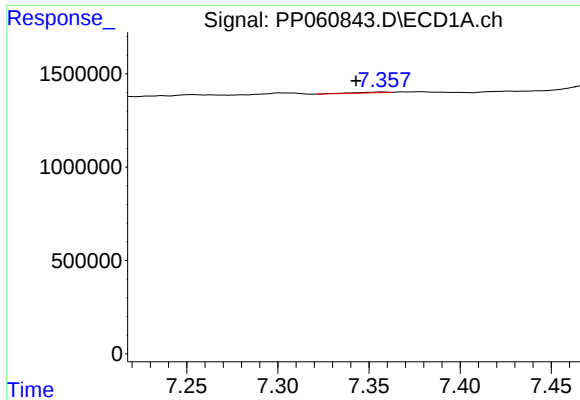
#30 AR-1254-5

R.T.: 7.883 min
Delta R.T.: -0.004 min
Response: 510629
Conc: 4.71 ng/ml



#30 AR-1254-5

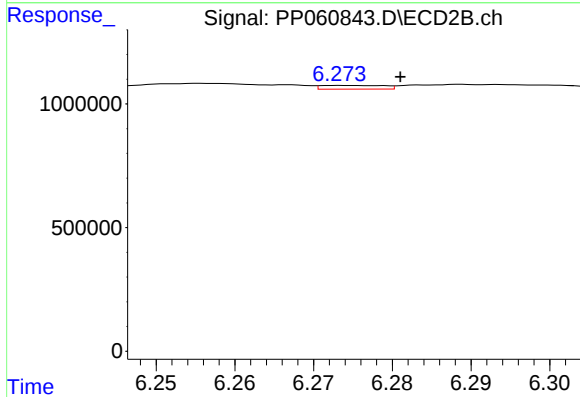
R.T.: 6.795 min
Delta R.T.: -0.004 min
Response: 99869
Conc: 0.79 ng/ml



#31 AR-1260-1

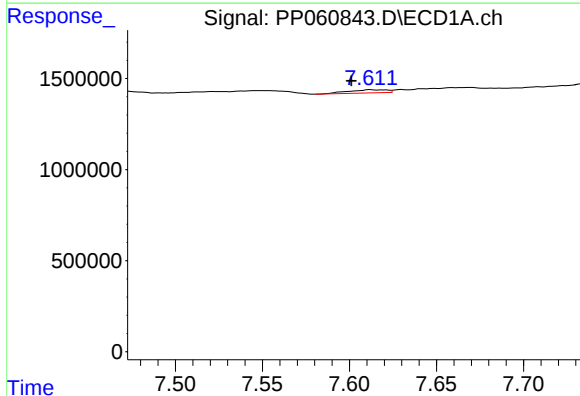
R.T.: 7.357 min
Delta R.T.: 0.015 min
Response: 48343
Conc: 0.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



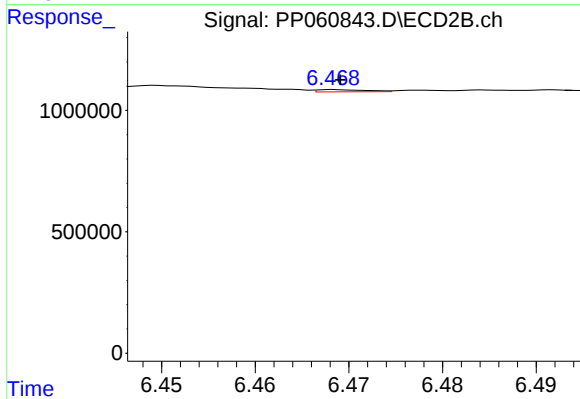
#31 AR-1260-1

R.T.: 6.273 min
Delta R.T.: -0.008 min
Response: 82163
Conc: 0.82 ng/ml



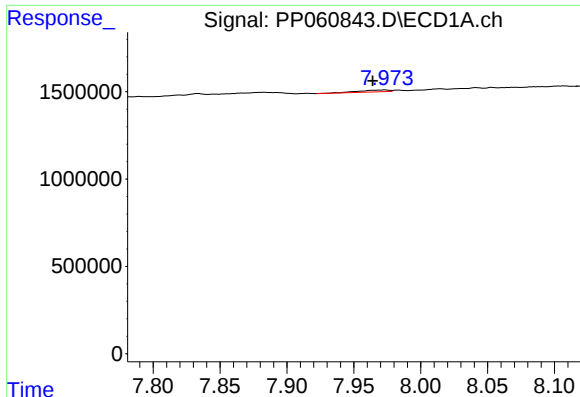
#32 AR-1260-2

R.T.: 7.612 min
Delta R.T.: 0.011 min
Response: 271432
Conc: 2.24 ng/ml



#32 AR-1260-2

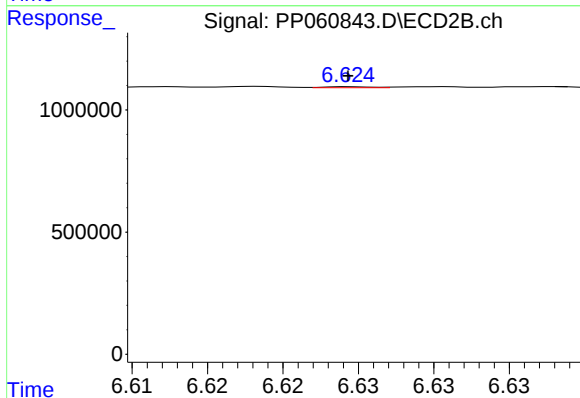
R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 34239
Conc: 0.29 ng/ml



#33 AR-1260-3

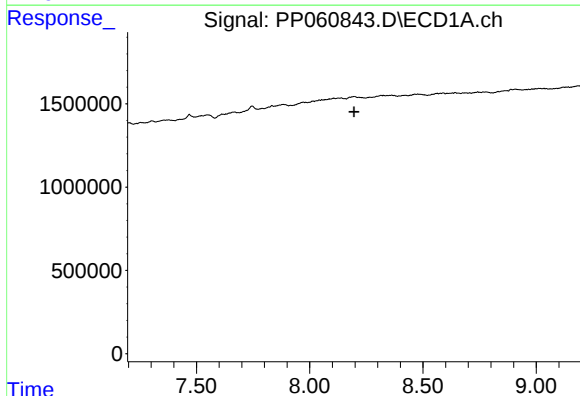
R.T.: 7.973 min
Delta R.T.: 0.009 min
Response: 169639
Conc: 1.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



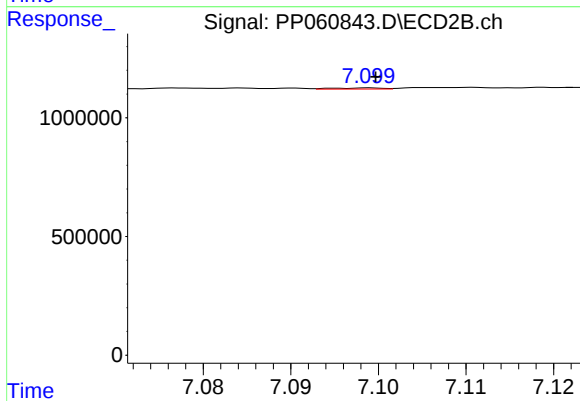
#33 AR-1260-3

R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 9630
Conc: 0.08 ng/ml



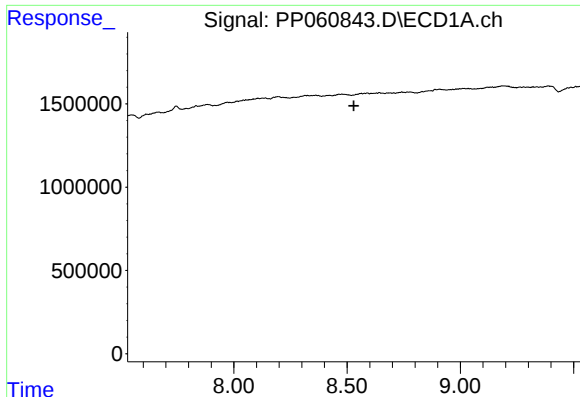
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.196 min
Response: 0
Conc: N.D.



#34 AR-1260-4

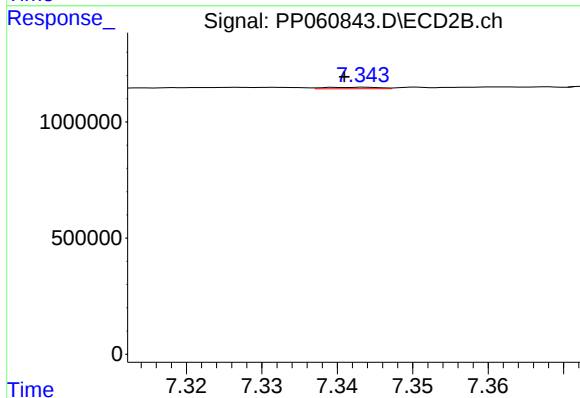
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 18439
Conc: 0.19 ng/ml



#35 AR-1260-5

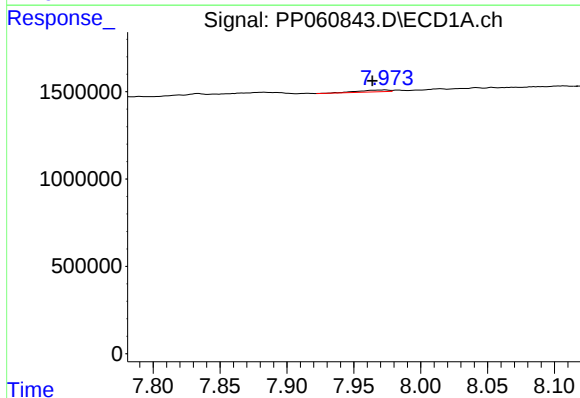
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



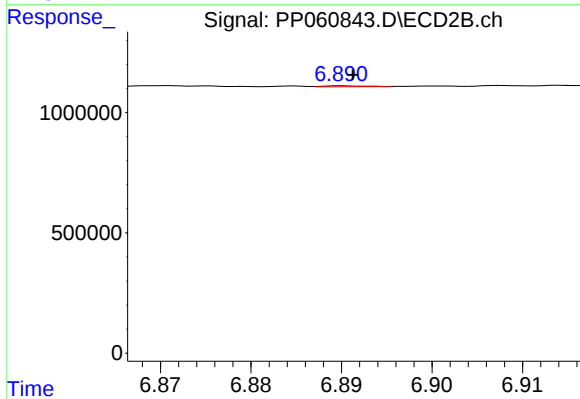
#35 AR-1260-5

R.T.: 7.344 min
Delta R.T.: 0.003 min
Response: 32401
Conc: 0.15 ng/ml



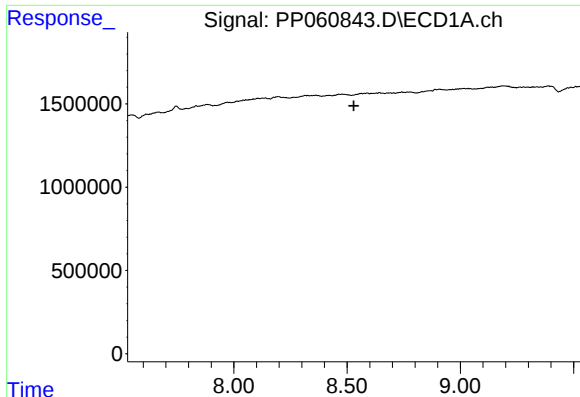
#36 AR-1262-1

R.T.: 7.973 min
Delta R.T.: 0.009 min
Response: 169639
Conc: 1.36 ng/ml



#36 AR-1262-1

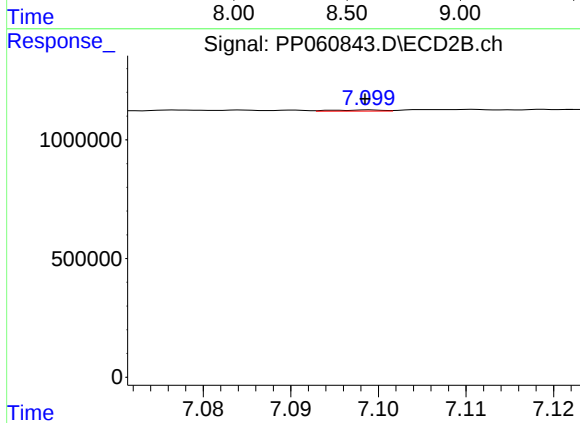
R.T.: 6.890 min
Delta R.T.: -0.001 min
Response: 12096
Conc: 0.23 ng/ml



#37 AR-1262-2

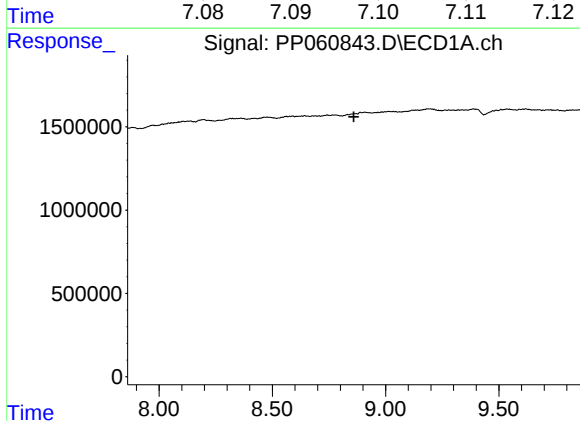
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



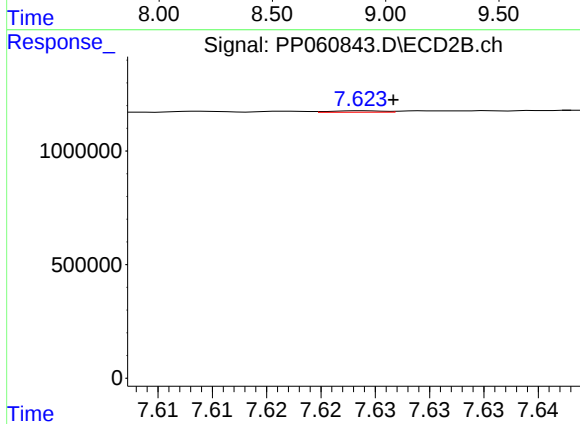
#37 AR-1262-2

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 18439
Conc: 0.16 ng/ml



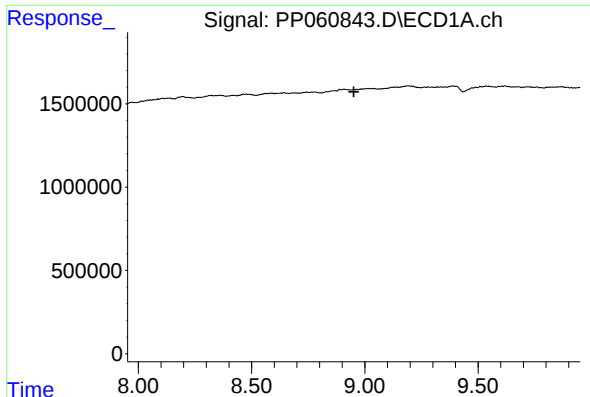
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.



#38 AR-1262-3

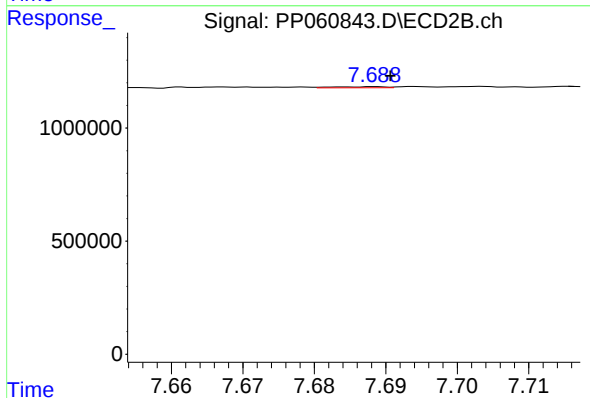
R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 20746
Conc: 0.22 ng/ml



#39 AR-1262-4

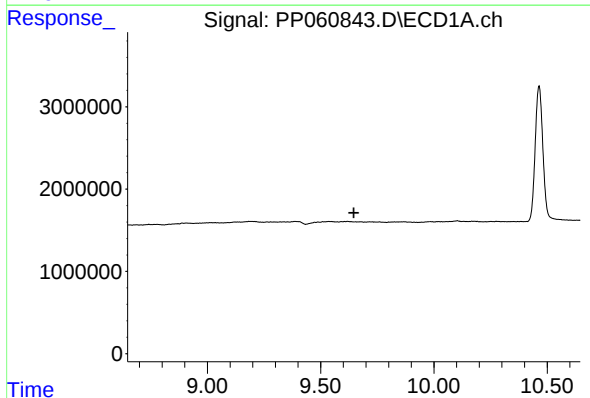
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



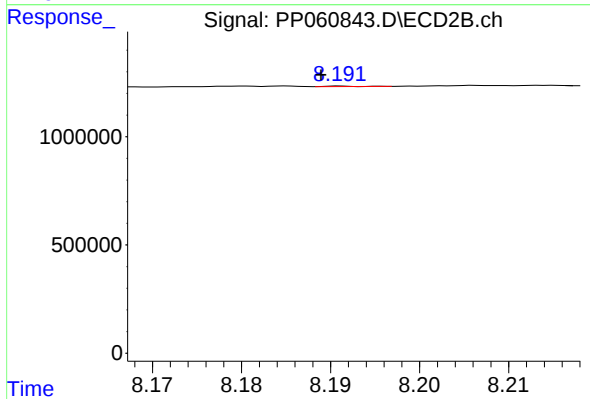
#39 AR-1262-4

R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 24330
Conc: 0.14 ng/ml



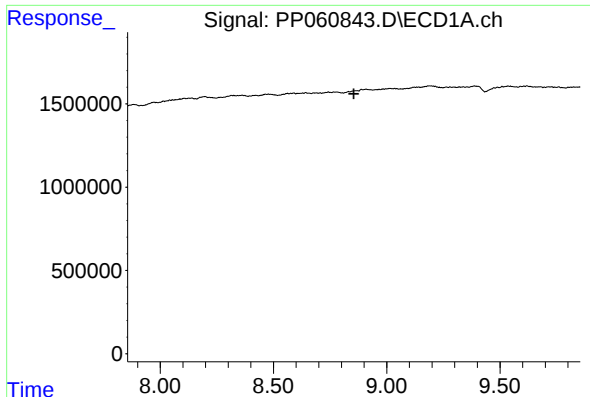
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

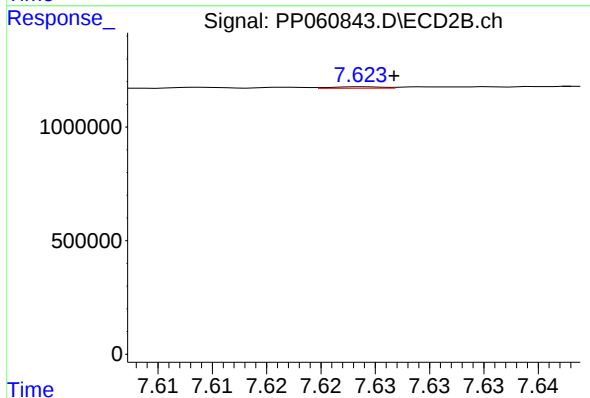
R.T.: 8.191 min
Delta R.T.: 0.002 min
Response: 4608
Conc: 0.06 ng/ml



#41 AR-1268-1

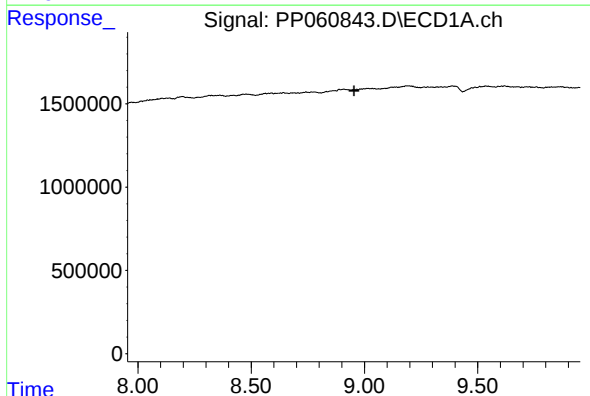
R.T.: 0.000 min
Exp R.T.: 8.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



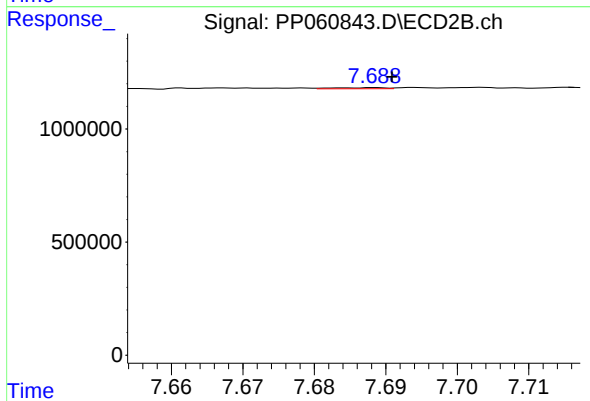
#41 AR-1268-1

R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 20746
Conc: 0.08 ng/ml



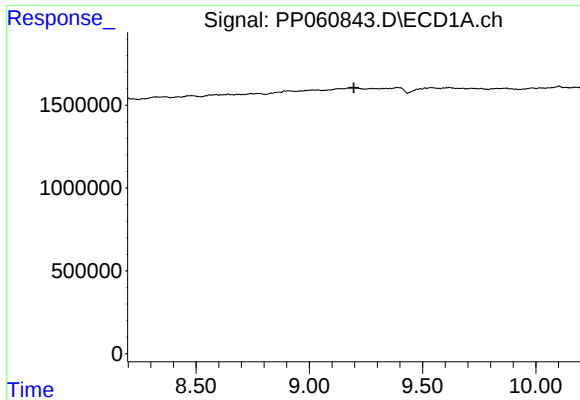
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.954 min
Response: 0
Conc: N.D.



#42 AR-1268-2

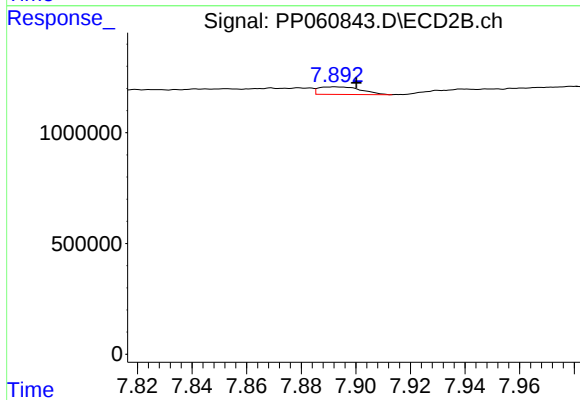
R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 24330
Conc: 0.10 ng/ml



#43 AR-1268-3

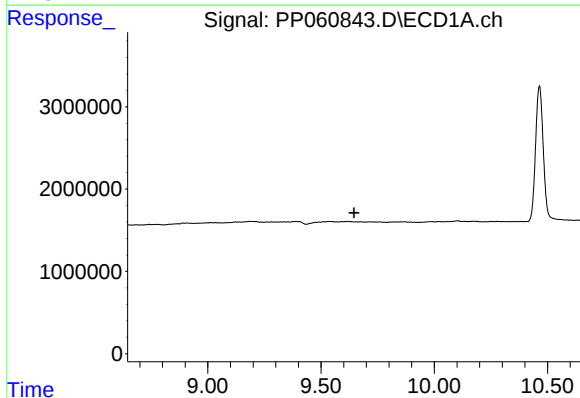
R.T.: 0.000 min
Exp R.T. : 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



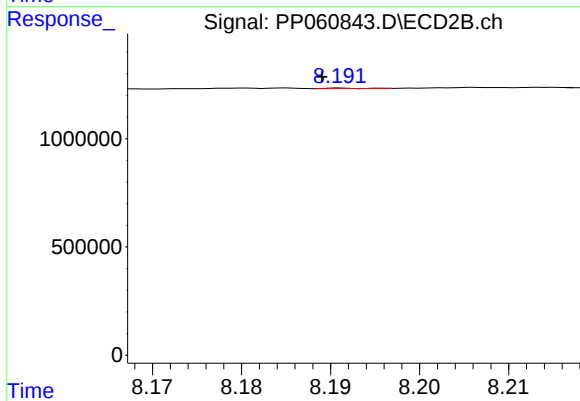
#43 AR-1268-3

R.T.: 7.892 min
Delta R.T.: -0.008 min
Response: 366614
Conc: 1.71 ng/ml



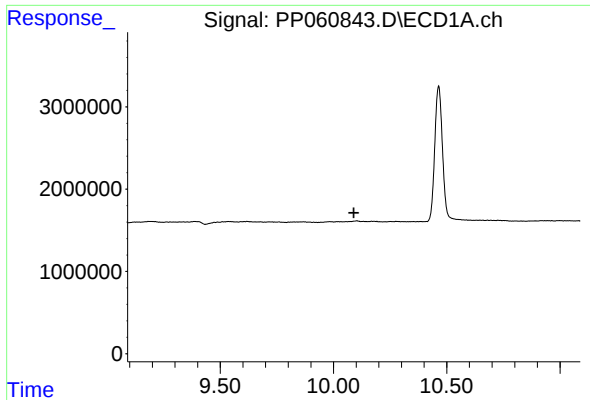
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.646 min
Response: 0
Conc: N.D.



#44 AR-1268-4

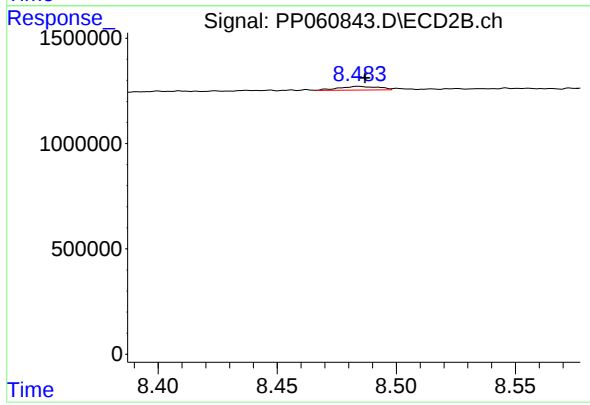
R.T.: 8.191 min
Delta R.T.: 0.002 min
Response: 4608
Conc: 0.05 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.090 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.484 min
Delta R.T.: -0.003 min
Response: 209179
Conc: 0.33 ng/ml