

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072023\
 Data File : PP058807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 15:33
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 22:03:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 20 03:59:18 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...	4.426	3.667	32240508	46896826	22.065	21.946
2)	SA Decachlor...	10.223	8.717	21887035	40589527	24.507	22.344
Target Compounds							
3)	L1 AR-1016-1	5.599	4.778	14273	259540	0.333	3.982 #
4)	L1 AR-1016-2	5.620	4.778	48028	259540	0.794	2.783 #
5)	L1 AR-1016-3	5.687	0.000	37043	0	0.956	N.D. #
6)	L1 AR-1016-4	5.790	5.008	25293	244136	0.816	5.671 #
7)	L1 AR-1016-5	6.079	5.229	13771	805485	0.435	14.547 #
8)	L2 AR-1221-1	4.630	3.875	13958	44621	0.740	1.737 #
9)	L2 AR-1221-2	4.735	3.970	536256	676862	38.412	35.092
10)	L2 AR-1221-3	4.799	4.051	14117	31533	0.345	0.525 #
11)	L3 AR-1232-1	4.799	4.051	14117	31533	0.429	0.645 #
12)	L3 AR-1232-2	5.336	4.778	21950	259540	1.262	6.091 #
13)	L3 AR-1232-3	5.620	0.000	48028	0	1.696	N.D. #
14)	L3 AR-1232-4	5.790	5.049	25293	18522	1.769	0.846 #
15)	L3 AR-1232-5	5.870	5.229	12148	805485	1.033	32.893 #
16)	L4 AR-1242-1	5.599	4.778	14273	259540	0.373	4.589 #
17)	L4 AR-1242-2	5.620	4.778	48028	259540	0.897	3.220 #
18)	L4 AR-1242-3	5.687	0.000	37043	0	1.084	N.D. #
19)	L4 AR-1242-4	5.790	5.049	25293	18522	0.920	0.417 #
20)	L4 AR-1242-5	6.540	5.558	115827	254865	4.448	4.885
21)	L5 AR-1248-1	5.599	4.778	14273	259540	0.527	6.424 #
22)	L5 AR-1248-2	5.870	5.008	12148	244136	0.307	4.007 #
23)	L5 AR-1248-3	6.079	5.049	13771	18522	0.310	0.300
24)	L5 AR-1248-4	6.484	5.229	44697	805485	1.059	11.059 #
25)	L5 AR-1248-5	6.540	5.597f	115827	1186470	2.838	18.239 #
26)	L6 AR-1254-1	6.461	5.558	96979	254865	1.993	2.330
27)	L6 AR-1254-2	0.000	5.698f	0	1130326	N.D.	11.834 #
28)	L6 AR-1254-3	7.050	6.129	338357	214664	4.588	1.426 #
29)	L6 AR-1254-4	7.338	6.379f	20501	184107	0.419	2.230 #
30)	L6 AR-1254-5	7.754	0.000	90716	0	1.676	N.D. #
32)	L7 AR-1260-2	7.467	6.427f	45280	396814	0.699	3.134 #
33)	L7 AR-1260-3	7.848	6.606	22967	41559	0.464	0.343 #
34)	L7 AR-1260-4	0.000	7.073	0	34345	N.D.	0.344 #
35)	L7 AR-1260-5	8.358f	7.319	34244	97151	0.356	0.473 #
36)	L8 AR-1262-1	7.848f	6.894f	22967	143342	0.332	2.425 #
37)	L8 AR-1262-2	8.358f	7.073	34244	34345	0.319	0.275
38)	L8 AR-1262-3	8.696	7.583f	38536	51708	0.519	0.546
39)	L8 AR-1262-4	8.800	0.000	87683	0	1.507	N.D. #
40)	L8 AR-1262-5	0.000	8.160	0	51480	N.D.	0.731 #
41)	L9 AR-1268-1	8.696	7.583f	38536	51708	0.298	0.186 #
42)	L9 AR-1268-2	8.800	0.000	87683	0	0.746	N.D. #

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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	9.016	7.878	12190	67882	0.119	0.306 #
44) L9	AR-1268-4	0.000	8.160	0	51480	N.D.	0.659 #
45) L9	AR-1268-5	9.871	8.459	167080	297116	0.507	0.467

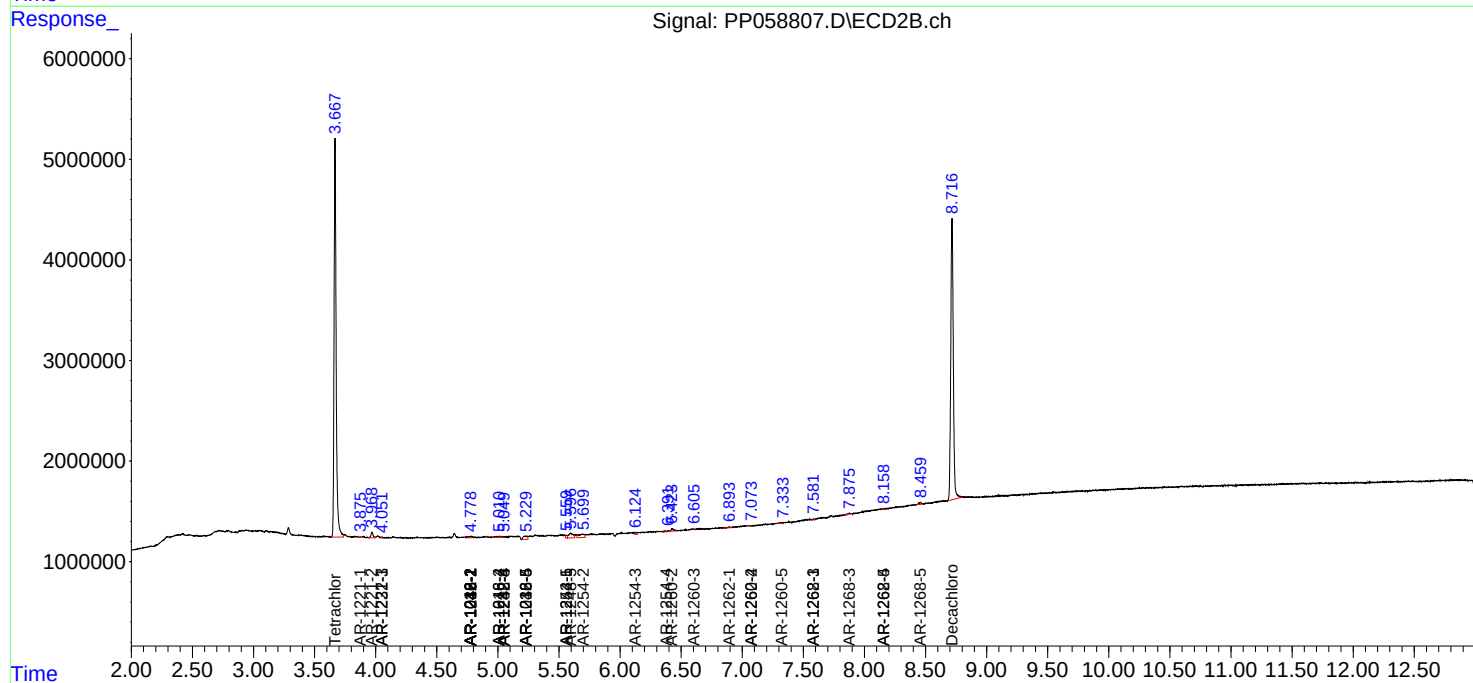
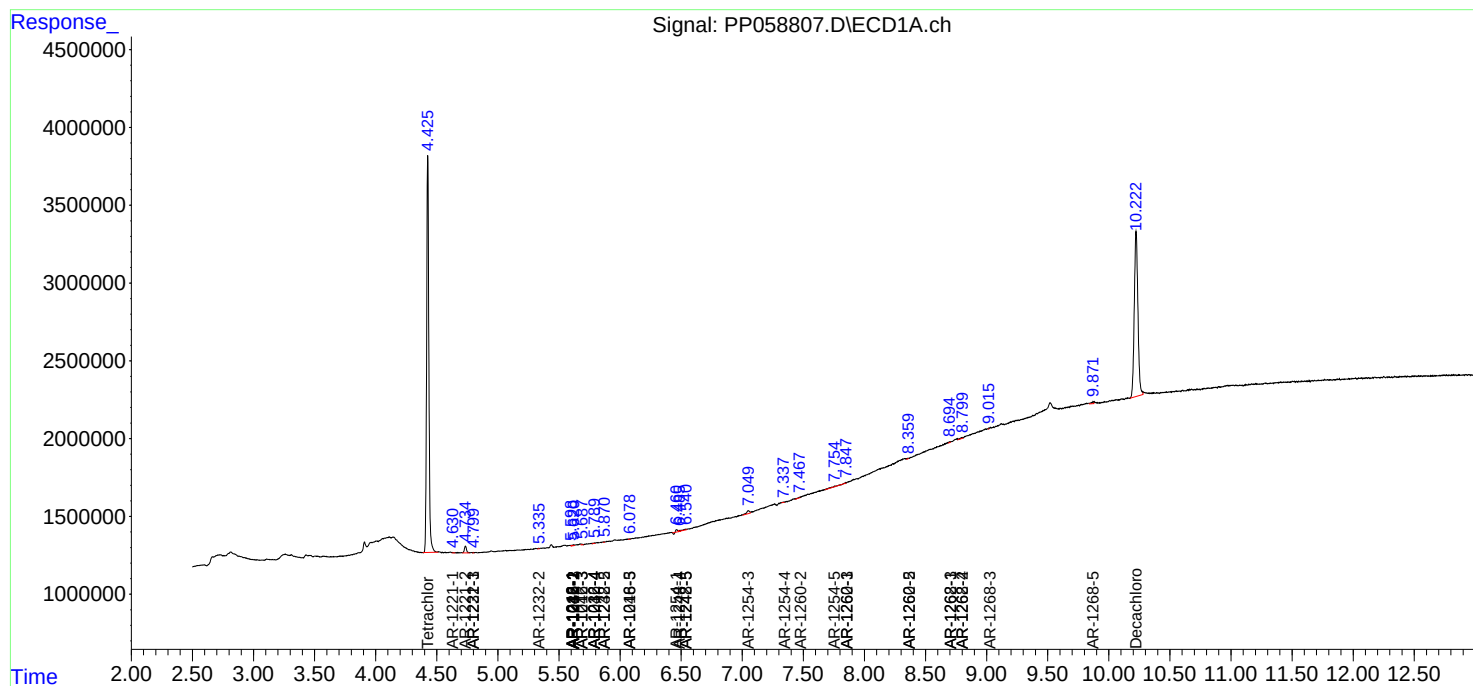
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

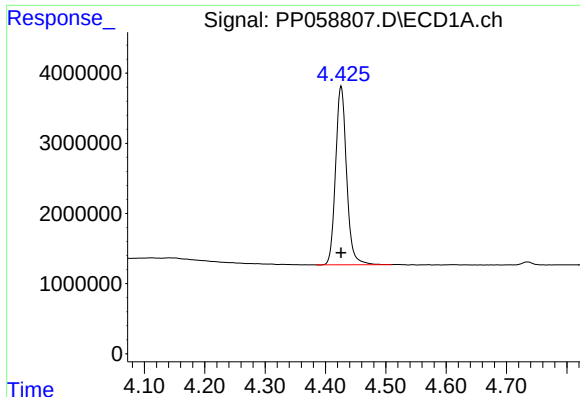
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

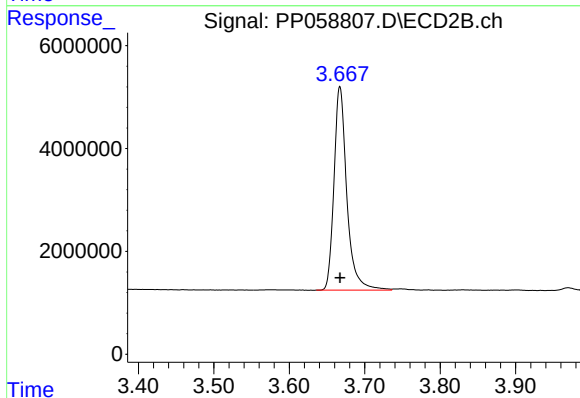




#1 Tetrachloro-m-xylene

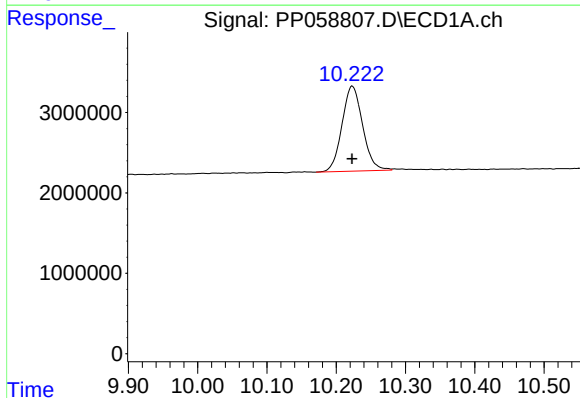
R.T.: 4.426 min
Delta R.T.: 0.000 min
Response: 32240508
Conc: 22.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



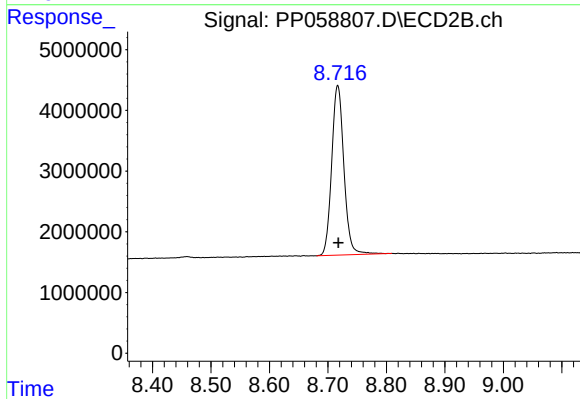
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 46896826
Conc: 21.95 ng/ml



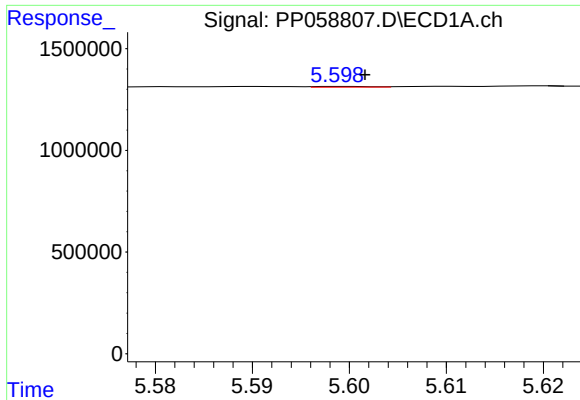
#2 Decachlorobiphenyl

R.T.: 10.223 min
Delta R.T.: 0.000 min
Response: 21887035
Conc: 24.51 ng/ml



#2 Decachlorobiphenyl

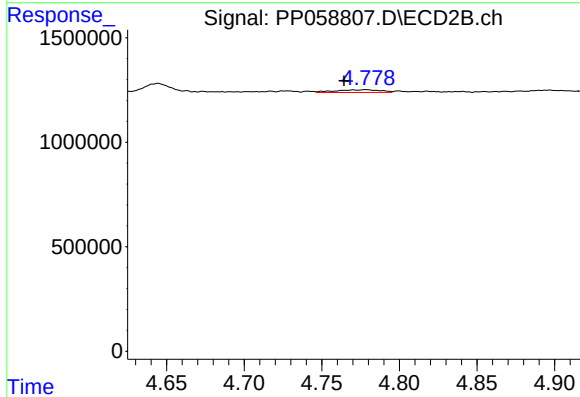
R.T.: 8.717 min
Delta R.T.: -0.001 min
Response: 40589527
Conc: 22.34 ng/ml



#3 AR-1016-1

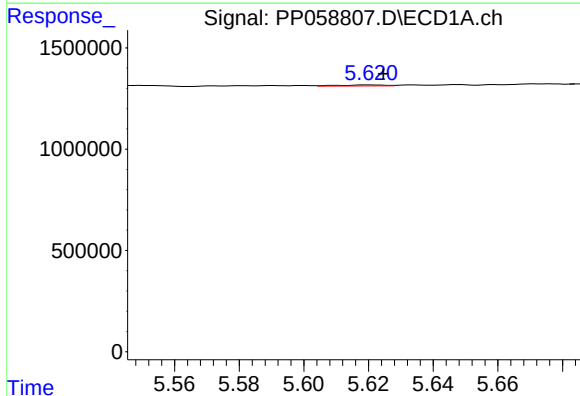
R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 14273
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



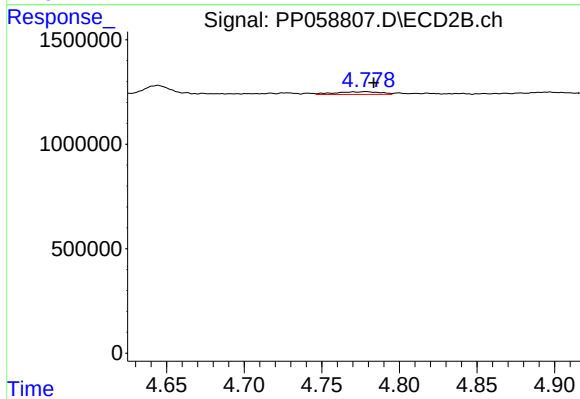
#3 AR-1016-1

R.T.: 4.778 min
Delta R.T.: 0.014 min
Response: 259540
Conc: 3.98 ng/ml



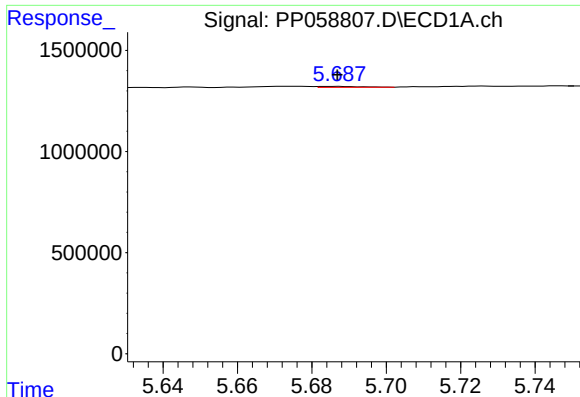
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: -0.005 min
Response: 48028
Conc: 0.79 ng/ml



#4 AR-1016-2

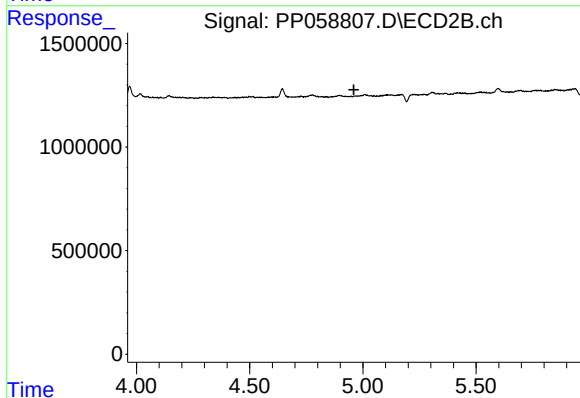
R.T.: 4.778 min
Delta R.T.: -0.005 min
Response: 259540
Conc: 2.78 ng/ml



#5 AR-1016-3

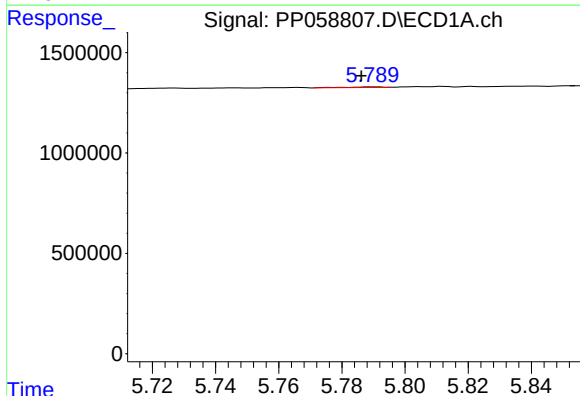
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 37043
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



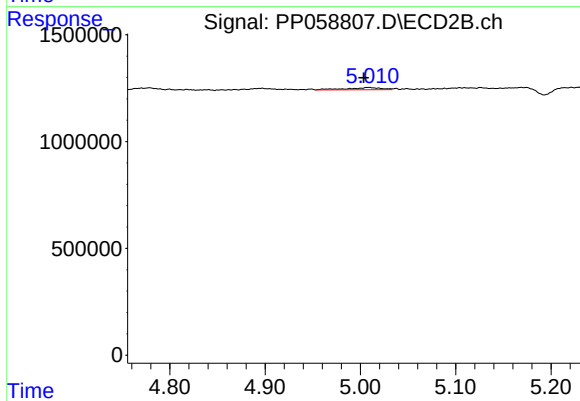
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.960 min
Response: 0
Conc: N.D.



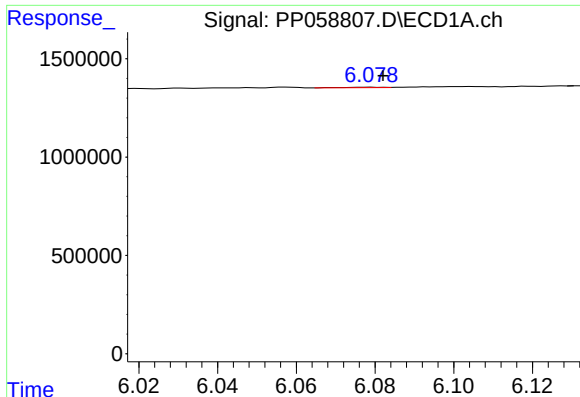
#6 AR-1016-4

R.T.: 5.790 min
Delta R.T.: 0.004 min
Response: 25293
Conc: 0.82 ng/ml



#6 AR-1016-4

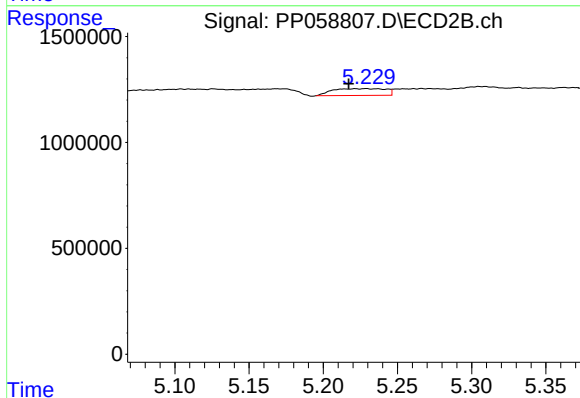
R.T.: 5.008 min
Delta R.T.: 0.005 min
Response: 244136
Conc: 5.67 ng/ml



#7 AR-1016-5

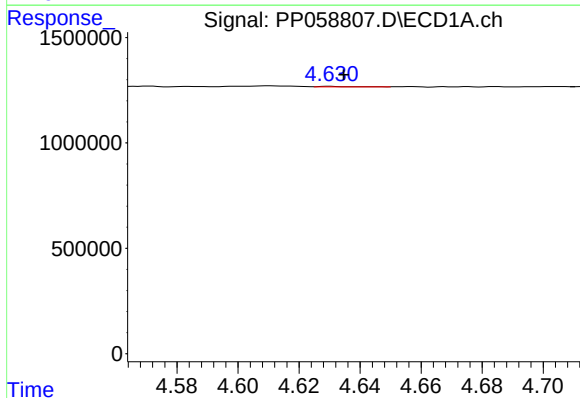
R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 13771
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



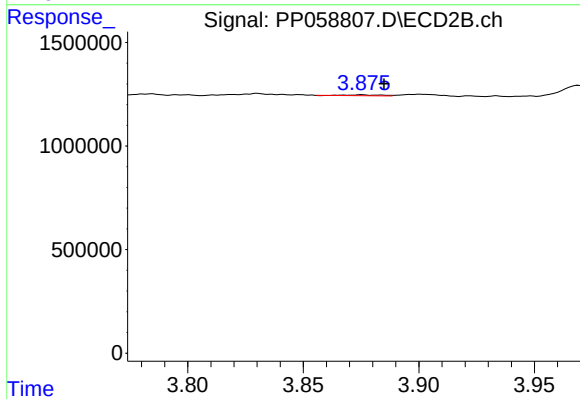
#7 AR-1016-5

R.T.: 5.229 min
Delta R.T.: 0.012 min
Response: 805485
Conc: 14.55 ng/ml



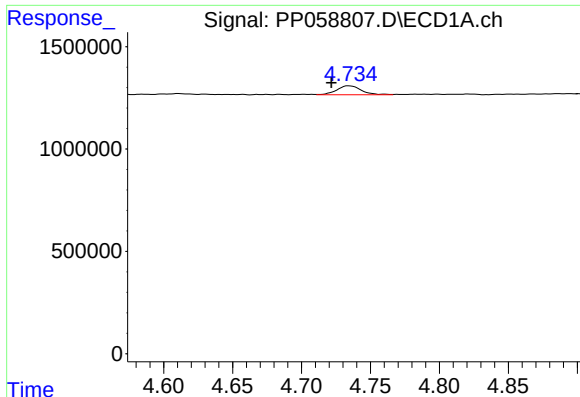
#8 AR-1221-1

R.T.: 4.630 min
Delta R.T.: -0.005 min
Response: 13958
Conc: 0.74 ng/ml



#8 AR-1221-1

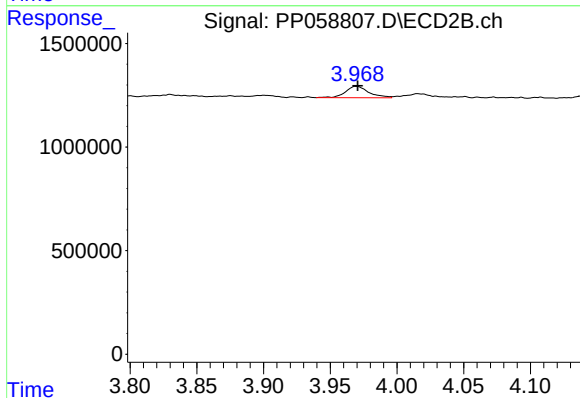
R.T.: 3.875 min
Delta R.T.: -0.010 min
Response: 44621
Conc: 1.74 ng/ml



#9 AR-1221-2

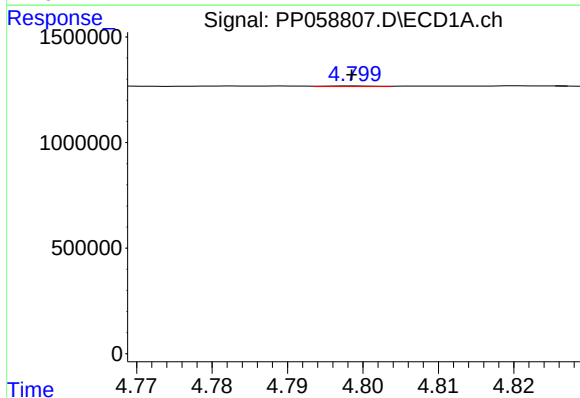
R.T.: 4.735 min
Delta R.T.: 0.013 min
Response: 536256
Conc: 38.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



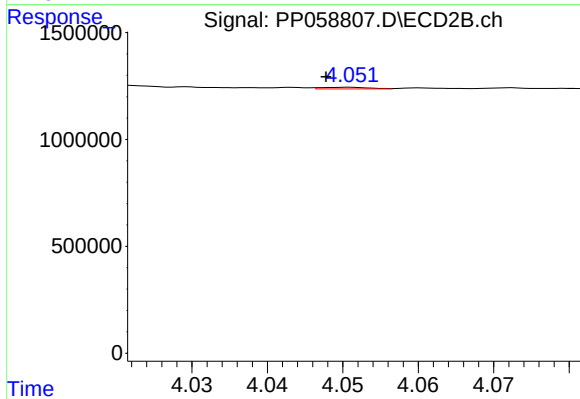
#9 AR-1221-2

R.T.: 3.970 min
Delta R.T.: -0.001 min
Response: 676862
Conc: 35.09 ng/ml



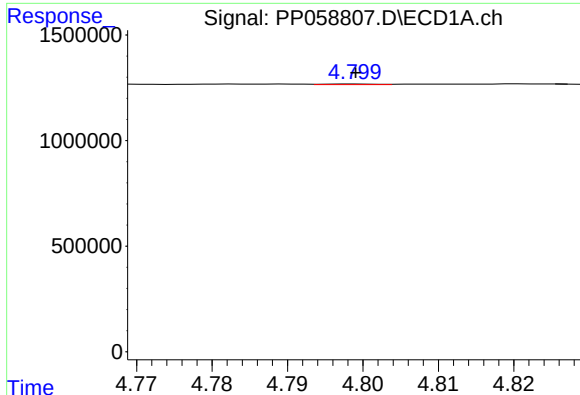
#10 AR-1221-3

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 14117
Conc: 0.35 ng/ml



#10 AR-1221-3

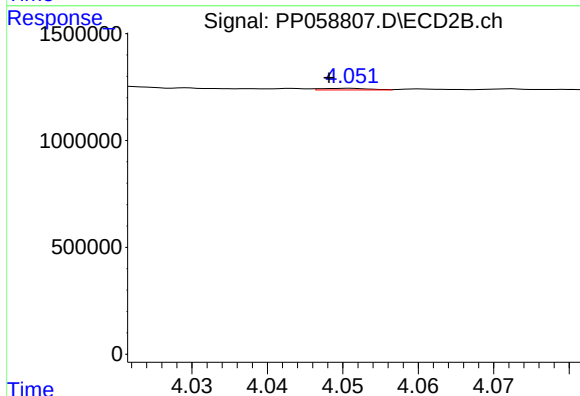
R.T.: 4.051 min
Delta R.T.: 0.003 min
Response: 31533
Conc: 0.53 ng/ml



#11 AR-1232-1

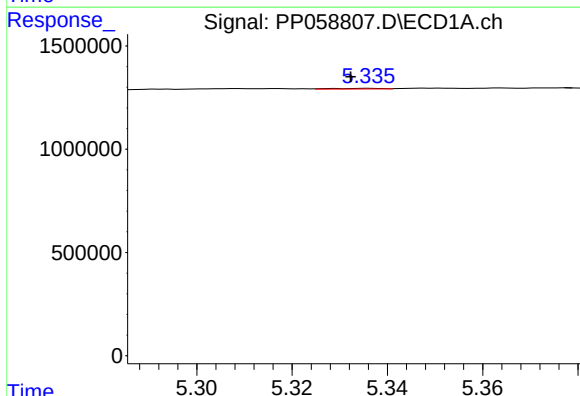
R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 14117
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



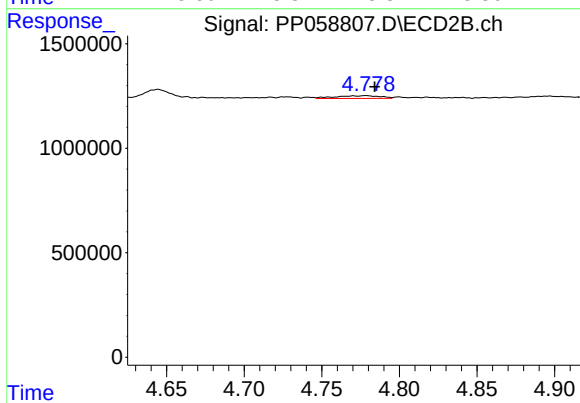
#11 AR-1232-1

R.T.: 4.051 min
Delta R.T.: 0.002 min
Response: 31533
Conc: 0.64 ng/ml



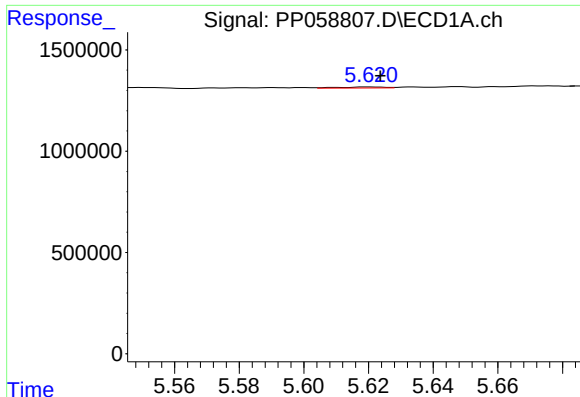
#12 AR-1232-2

R.T.: 5.336 min
Delta R.T.: 0.004 min
Response: 21950
Conc: 1.26 ng/ml



#12 AR-1232-2

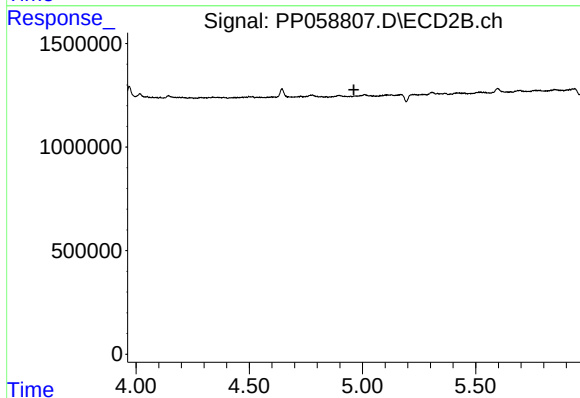
R.T.: 4.778 min
Delta R.T.: -0.006 min
Response: 259540
Conc: 6.09 ng/ml



#13 AR-1232-3

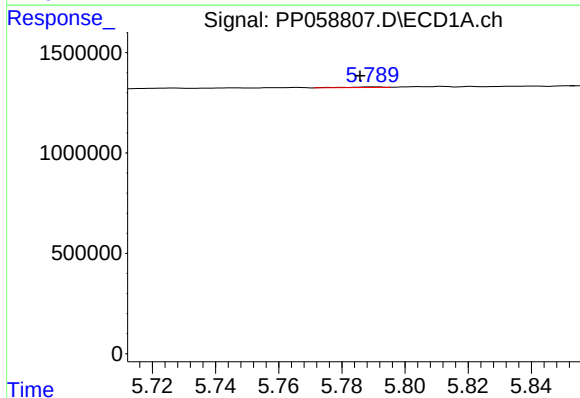
R.T.: 5.620 min
Delta R.T.: -0.004 min
Response: 48028
Conc: 1.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



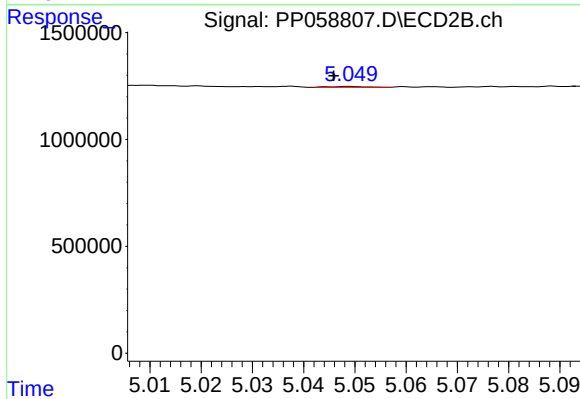
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



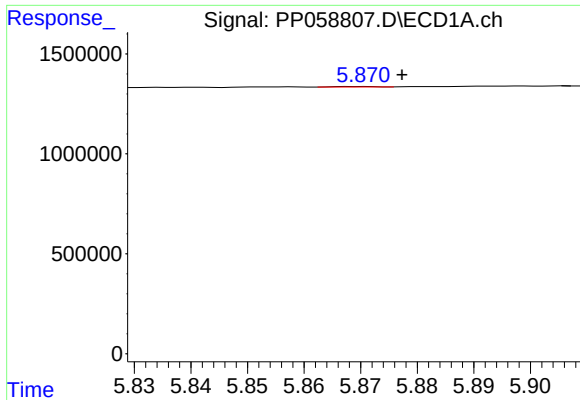
#14 AR-1232-4

R.T.: 5.790 min
Delta R.T.: 0.004 min
Response: 25293
Conc: 1.77 ng/ml



#14 AR-1232-4

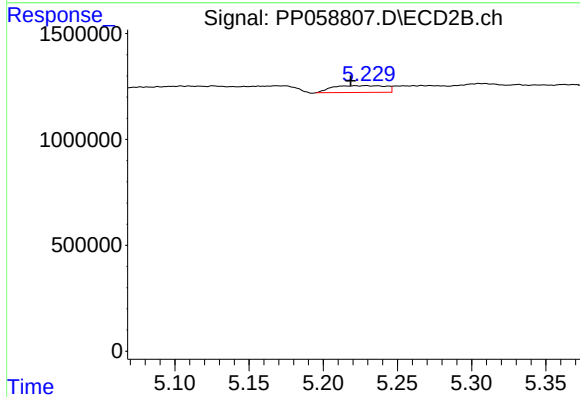
R.T.: 5.049 min
Delta R.T.: 0.003 min
Response: 18522
Conc: 0.85 ng/ml



#15 AR-1232-5

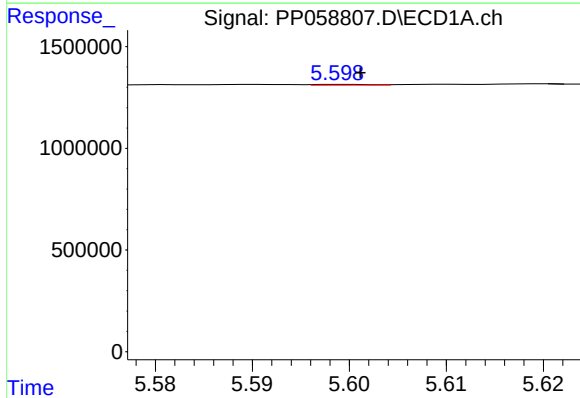
R.T.: 5.870 min
Delta R.T.: -0.008 min
Response: 12148
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



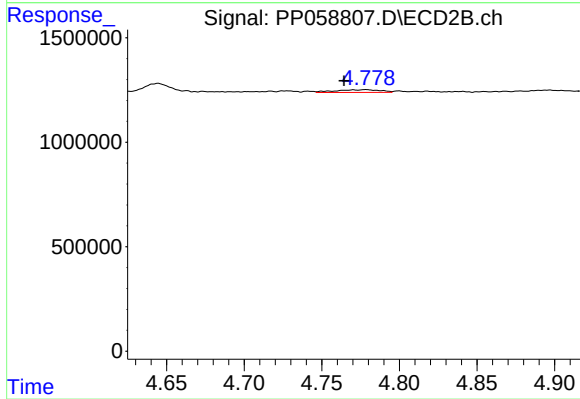
#15 AR-1232-5

R.T.: 5.229 min
Delta R.T.: 0.010 min
Response: 805485
Conc: 32.89 ng/ml



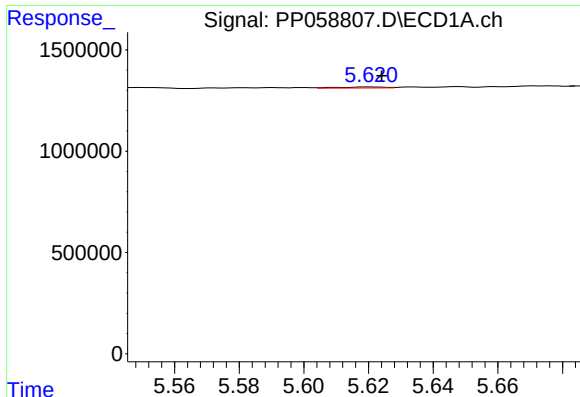
#16 AR-1242-1

R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 14273
Conc: 0.37 ng/ml



#16 AR-1242-1

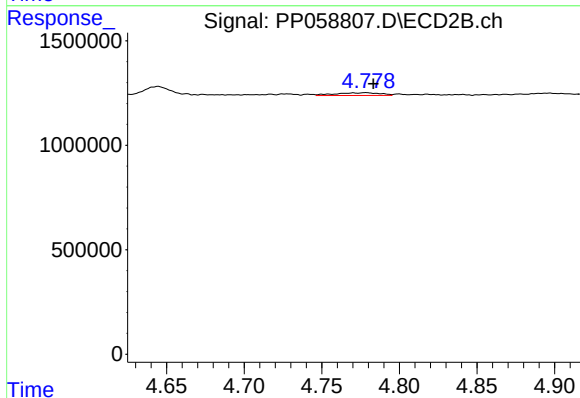
R.T.: 4.778 min
Delta R.T.: 0.014 min
Response: 259540
Conc: 4.59 ng/ml



#17 AR-1242-2

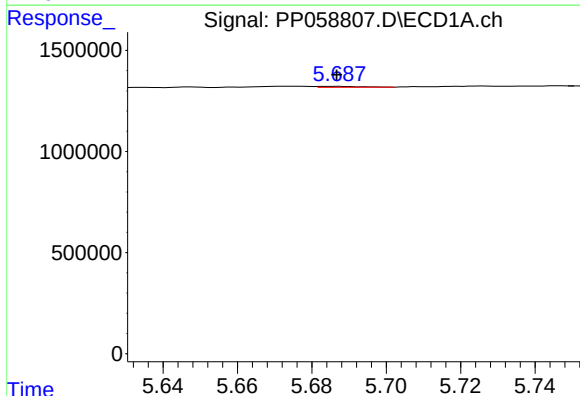
R.T.: 5.620 min
Delta R.T.: -0.004 min
Response: 48028
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



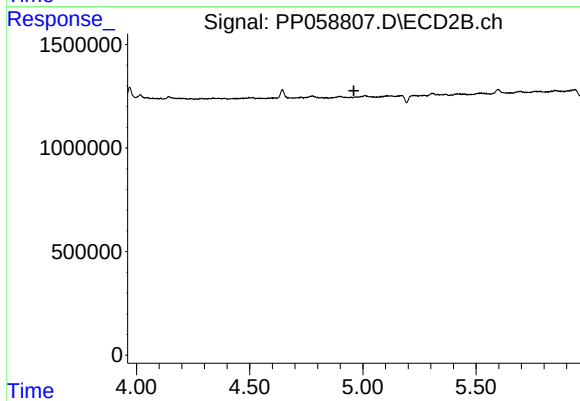
#17 AR-1242-2

R.T.: 4.778 min
Delta R.T.: -0.005 min
Response: 259540
Conc: 3.22 ng/ml



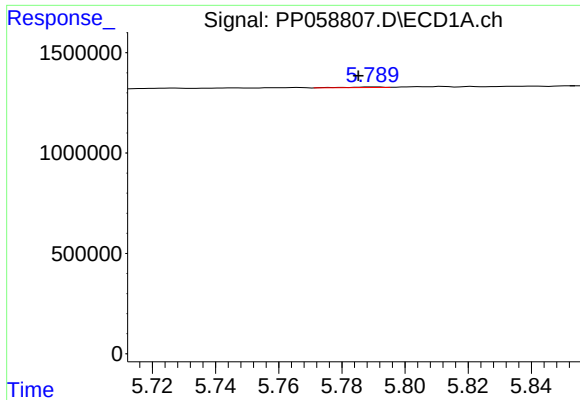
#18 AR-1242-3

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 37043
Conc: 1.08 ng/ml



#18 AR-1242-3

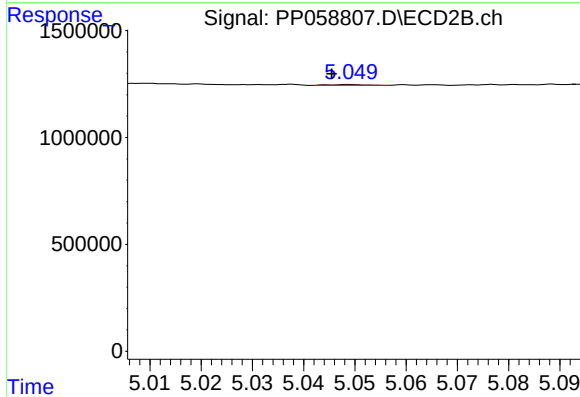
R.T.: 0.000 min
Exp R.T. : 4.960 min
Response: 0
Conc: N.D.



#19 AR-1242-4

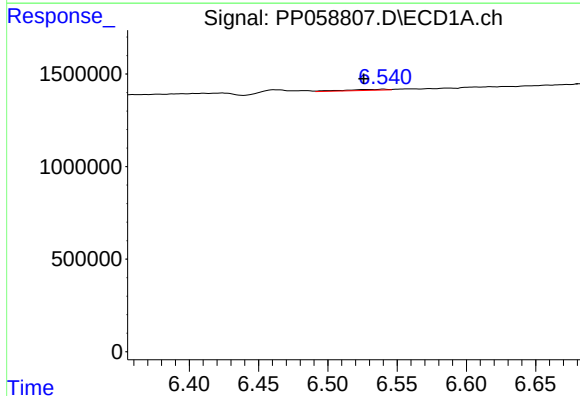
R.T.: 5.790 min
Delta R.T.: 0.005 min
Response: 25293
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



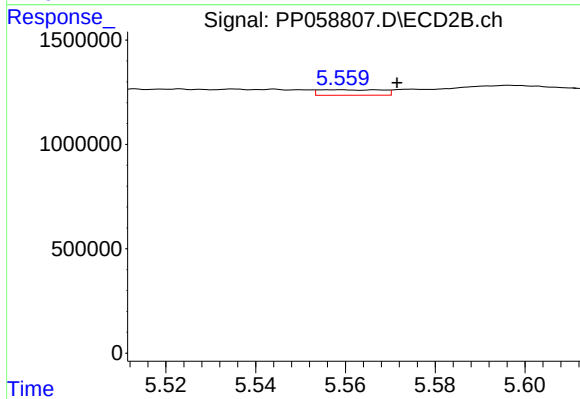
#19 AR-1242-4

R.T.: 5.049 min
Delta R.T.: 0.003 min
Response: 18522
Conc: 0.42 ng/ml



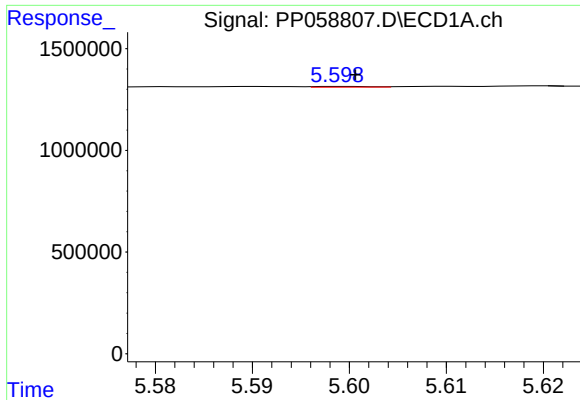
#20 AR-1242-5

R.T.: 6.540 min
Delta R.T.: 0.014 min
Response: 115827
Conc: 4.45 ng/ml



#20 AR-1242-5

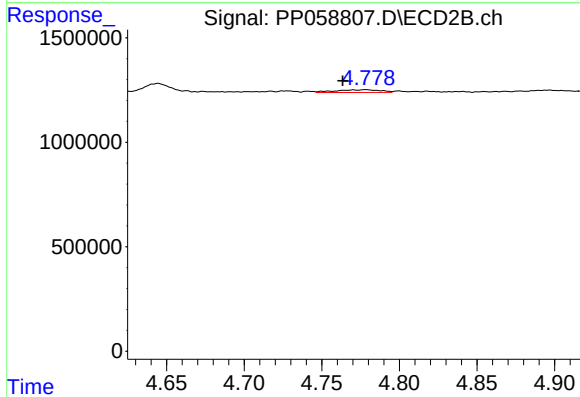
R.T.: 5.558 min
Delta R.T.: -0.013 min
Response: 254865
Conc: 4.88 ng/ml



#21 AR-1248-1

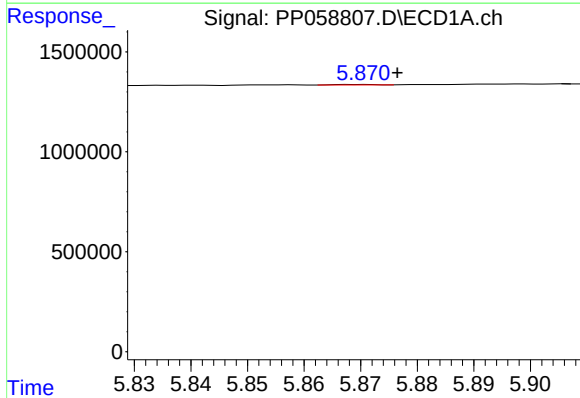
R.T.: 5.599 min
Delta R.T.: -0.001 min
Response: 14273
Conc: 0.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



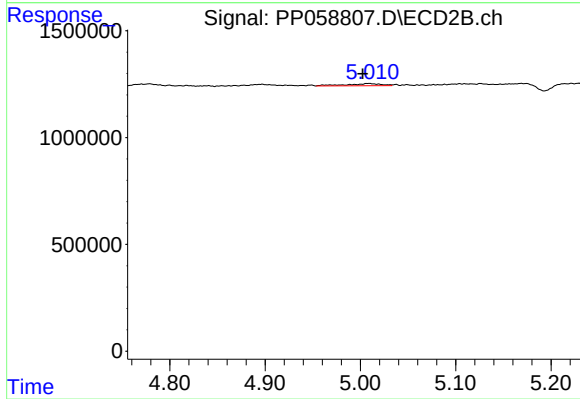
#21 AR-1248-1

R.T.: 4.778 min
Delta R.T.: 0.015 min
Response: 259540
Conc: 6.42 ng/ml



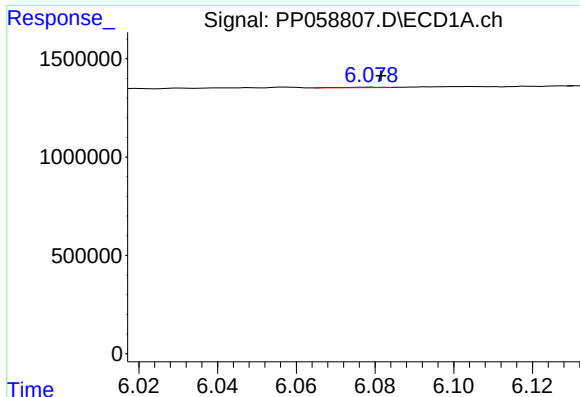
#22 AR-1248-2

R.T.: 5.870 min
Delta R.T.: -0.007 min
Response: 12148
Conc: 0.31 ng/ml



#22 AR-1248-2

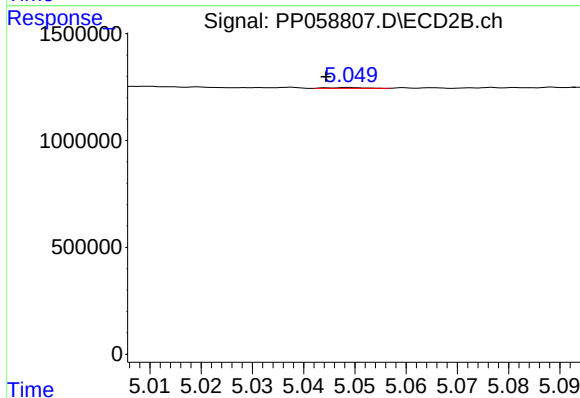
R.T.: 5.008 min
Delta R.T.: 0.006 min
Response: 244136
Conc: 4.01 ng/ml



#23 AR-1248-3

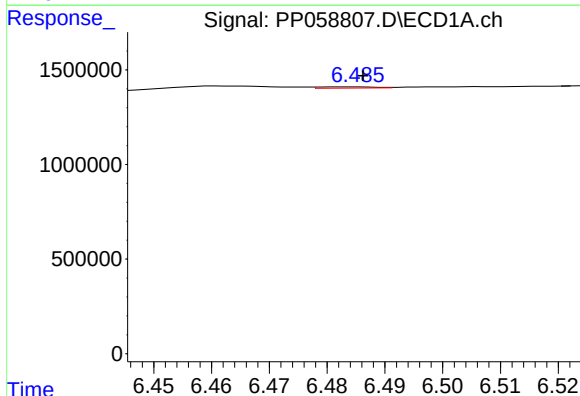
R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 13771
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



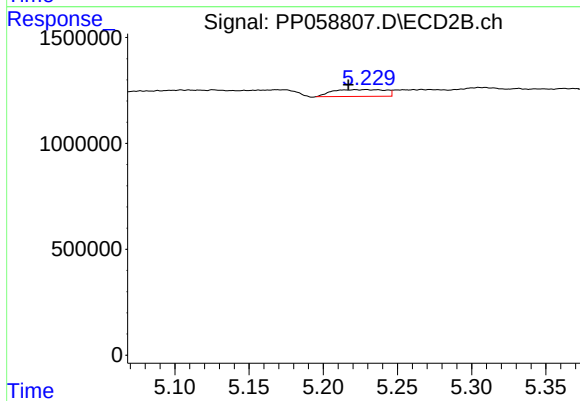
#23 AR-1248-3

R.T.: 5.049 min
Delta R.T.: 0.005 min
Response: 18522
Conc: 0.30 ng/ml



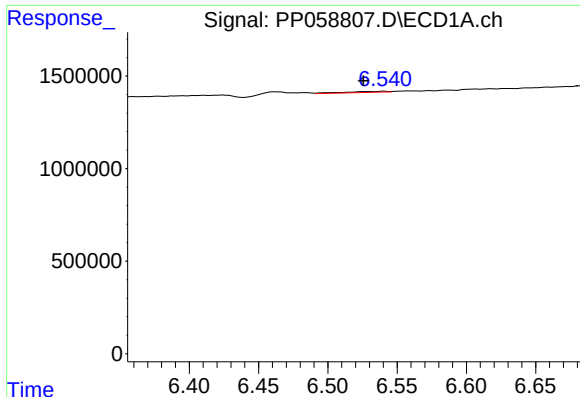
#24 AR-1248-4

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 44697
Conc: 1.06 ng/ml



#24 AR-1248-4

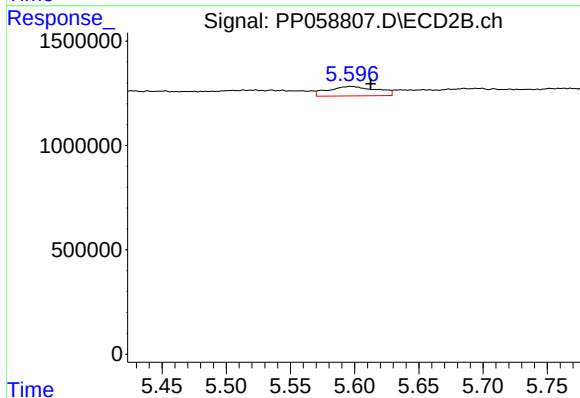
R.T.: 5.229 min
Delta R.T.: 0.012 min
Response: 805485
Conc: 11.06 ng/ml



#25 AR-1248-5

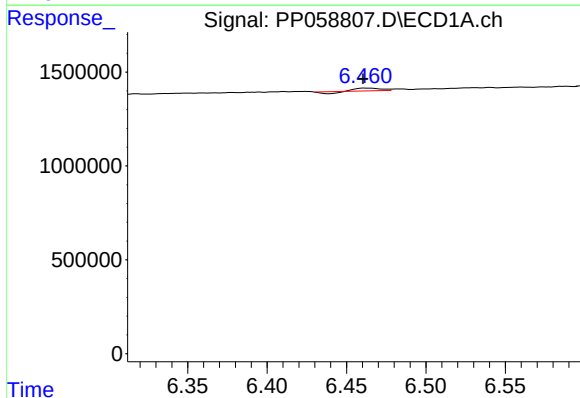
R.T.: 6.540 min
Delta R.T.: 0.015 min
Response: 115827
Conc: 2.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



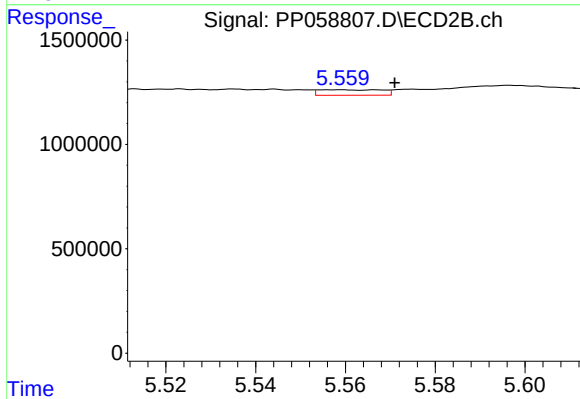
#25 AR-1248-5

R.T.: 5.597 min
Delta R.T.: -0.016 min
Response: 1186470
Conc: 18.24 ng/ml



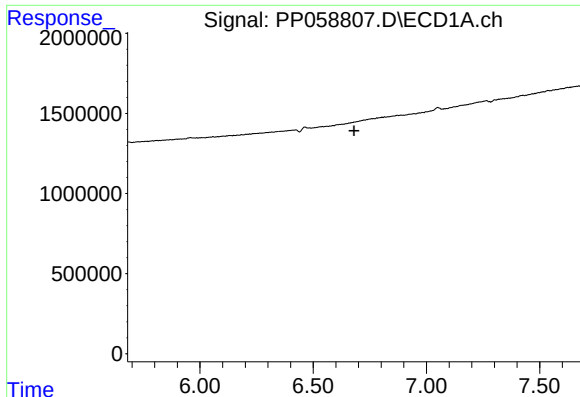
#26 AR-1254-1

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 96979
Conc: 1.99 ng/ml



#26 AR-1254-1

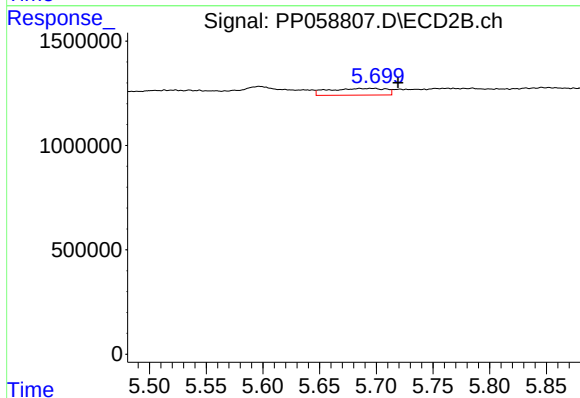
R.T.: 5.558 min
Delta R.T.: -0.013 min
Response: 254865
Conc: 2.33 ng/ml



#27 AR-1254-2

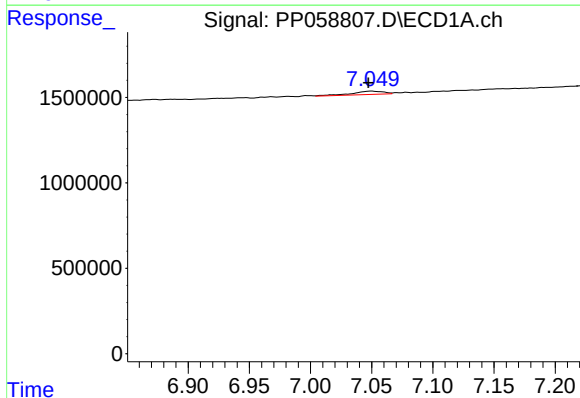
R.T.: 0.000 min
Exp R.T.: 6.680 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



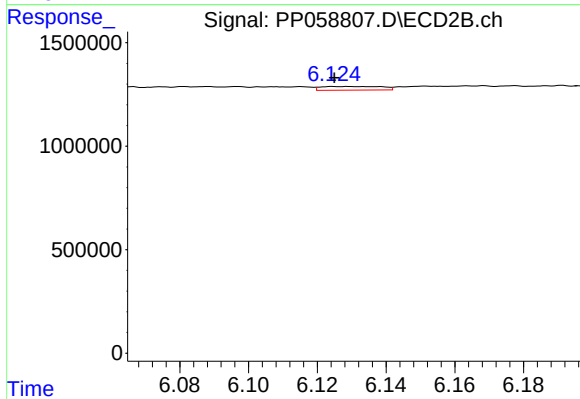
#27 AR-1254-2

R.T.: 5.698 min
Delta R.T.: -0.021 min
Response: 1130326
Conc: 11.83 ng/ml



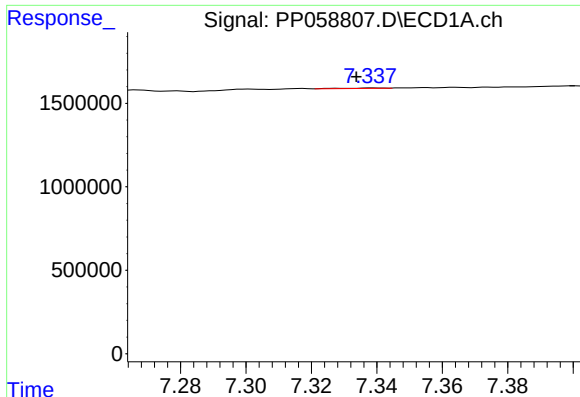
#28 AR-1254-3

R.T.: 7.050 min
Delta R.T.: 0.003 min
Response: 338357
Conc: 4.59 ng/ml



#28 AR-1254-3

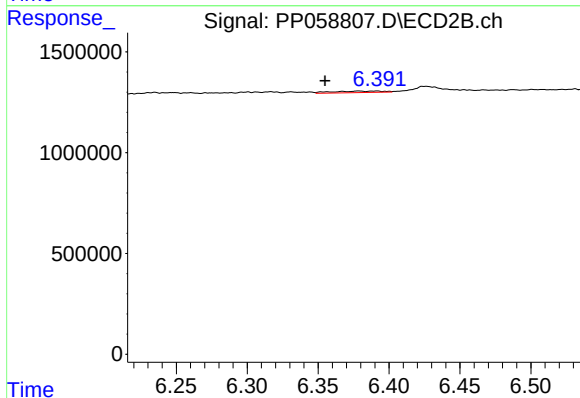
R.T.: 6.129 min
Delta R.T.: 0.004 min
Response: 214664
Conc: 1.43 ng/ml



#29 AR-1254-4

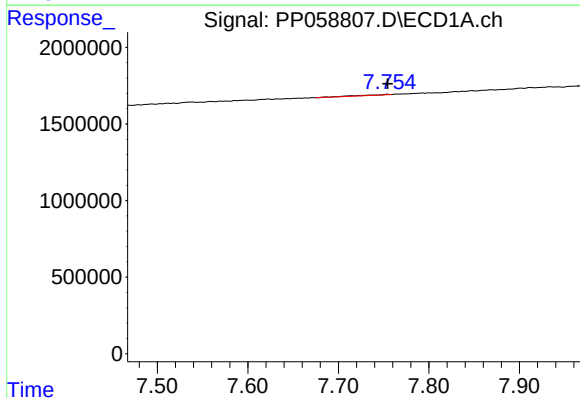
R.T.: 7.338 min
Delta R.T.: 0.005 min
Response: 20501
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



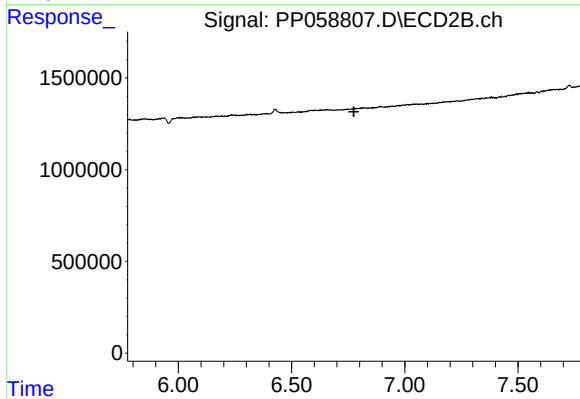
#29 AR-1254-4

R.T.: 6.379 min
Delta R.T.: 0.024 min
Response: 184107
Conc: 2.23 ng/ml



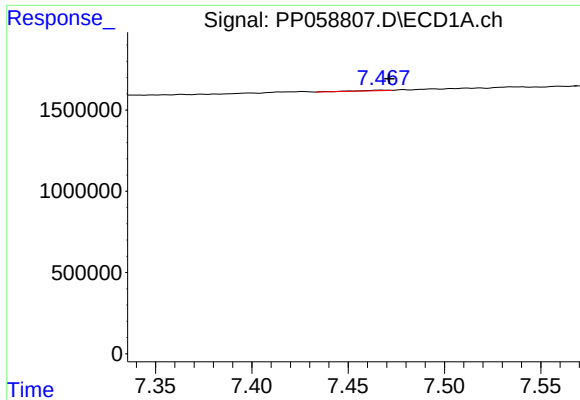
#30 AR-1254-5

R.T.: 7.754 min
Delta R.T.: 0.000 min
Response: 90716
Conc: 1.68 ng/ml



#30 AR-1254-5

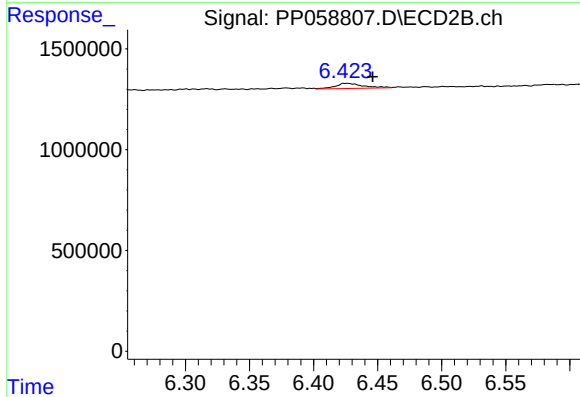
R.T.: 0.000 min
Exp R.T. : 6.775 min
Response: 0
Conc: N.D.



#32 AR-1260-2

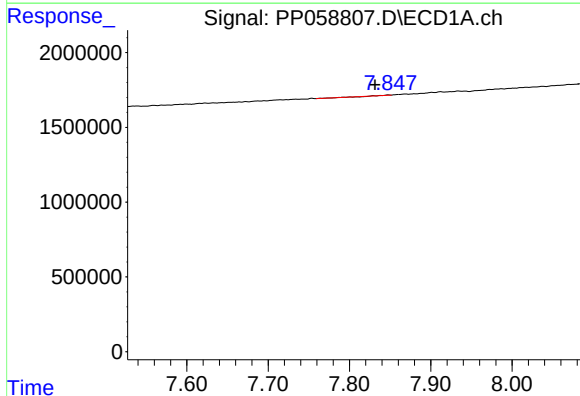
R.T.: 7.467 min
Delta R.T.: -0.004 min
Response: 45280
Conc: 0.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



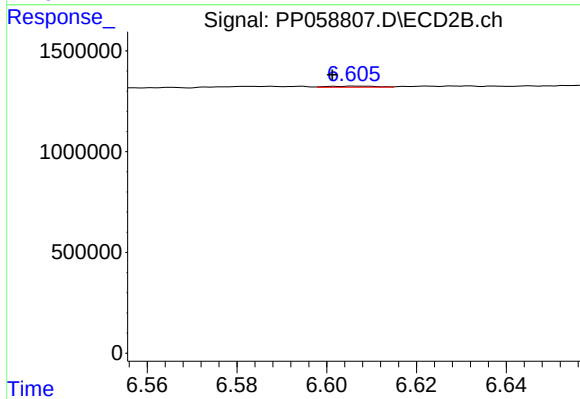
#32 AR-1260-2

R.T.: 6.427 min
Delta R.T.: -0.019 min
Response: 396814
Conc: 3.13 ng/ml



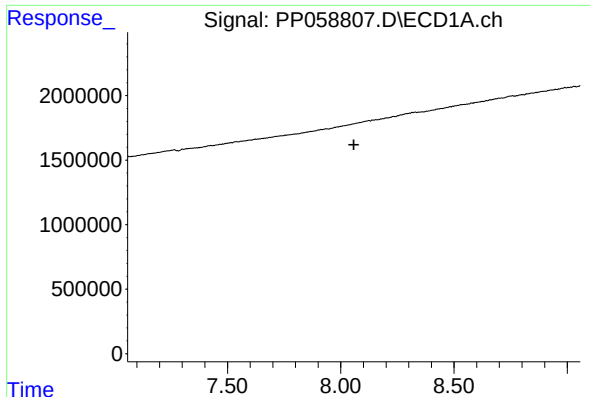
#33 AR-1260-3

R.T.: 7.848 min
Delta R.T.: 0.016 min
Response: 22967
Conc: 0.46 ng/ml



#33 AR-1260-3

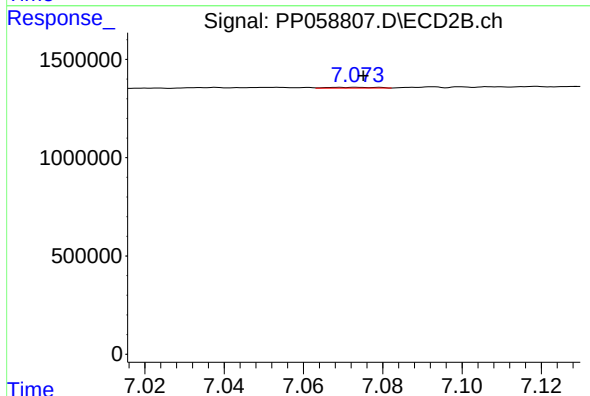
R.T.: 6.606 min
Delta R.T.: 0.005 min
Response: 41559
Conc: 0.34 ng/ml



#34 AR-1260-4

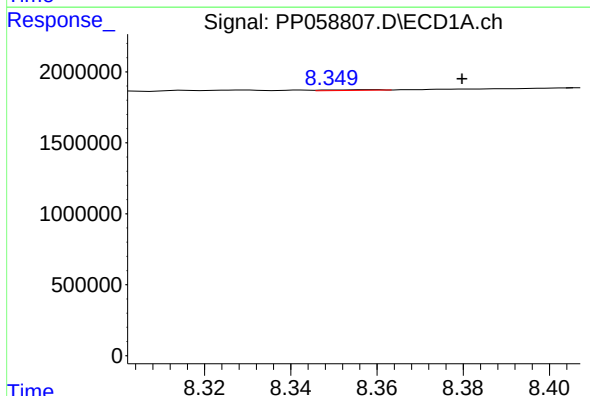
R.T.: 0.000 min
Exp R.T.: 8.058 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



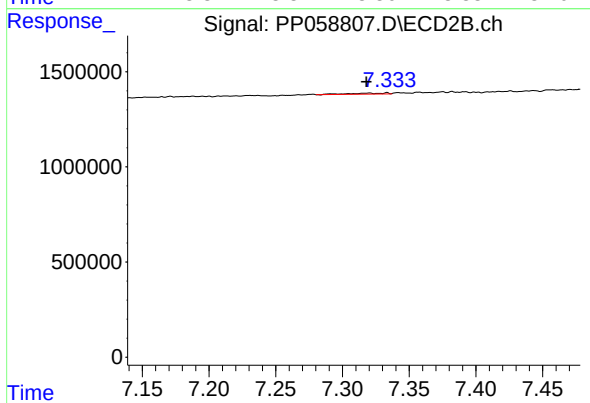
#34 AR-1260-4

R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 34345
Conc: 0.34 ng/ml



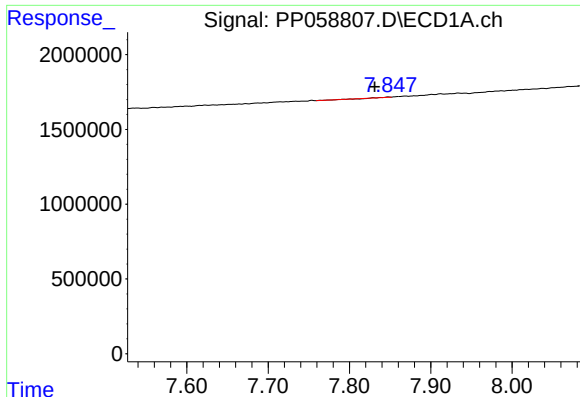
#35 AR-1260-5

R.T.: 8.358 min
Delta R.T.: -0.021 min
Response: 34244
Conc: 0.36 ng/ml



#35 AR-1260-5

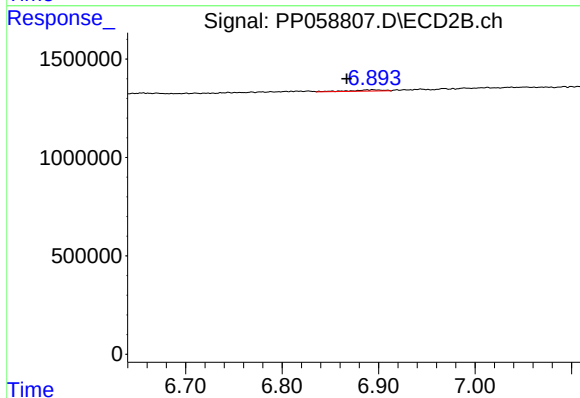
R.T.: 7.319 min
Delta R.T.: 0.001 min
Response: 97151
Conc: 0.47 ng/ml



#36 AR-1262-1

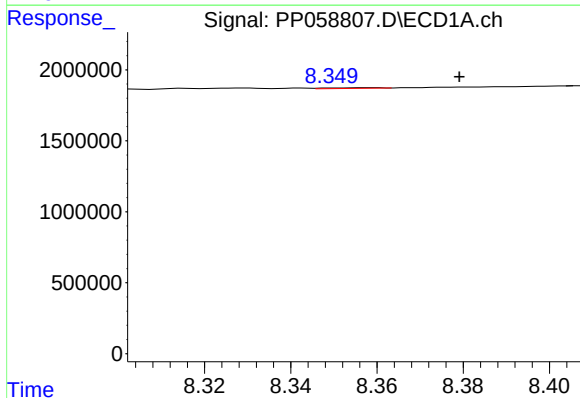
R.T.: 7.848 min
Delta R.T.: 0.017 min
Response: 22967
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



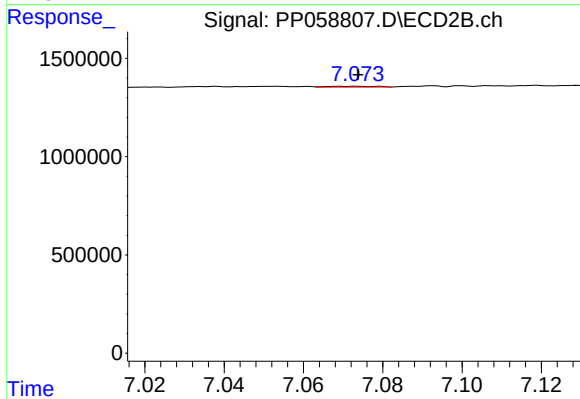
#36 AR-1262-1

R.T.: 6.894 min
Delta R.T.: 0.026 min
Response: 143342
Conc: 2.42 ng/ml



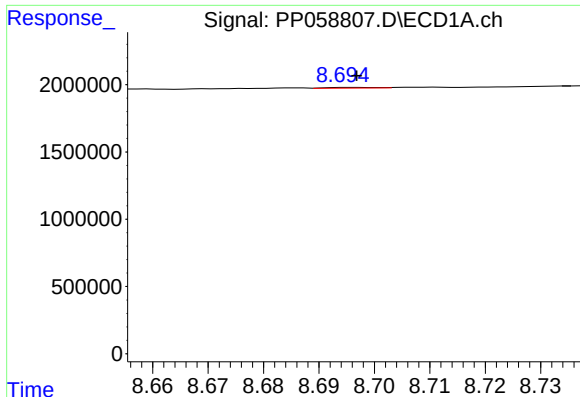
#37 AR-1262-2

R.T.: 8.358 min
Delta R.T.: -0.021 min
Response: 34244
Conc: 0.32 ng/ml



#37 AR-1262-2

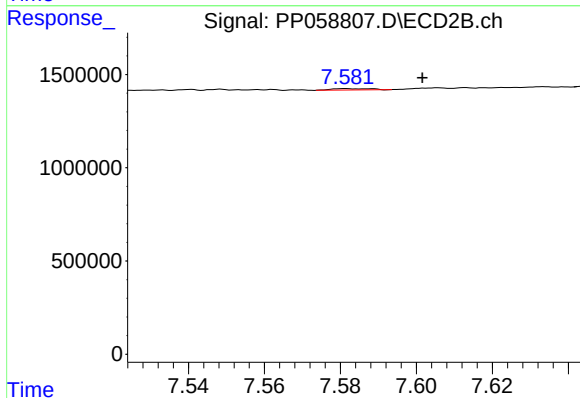
R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 34345
Conc: 0.28 ng/ml



#38 AR-1262-3

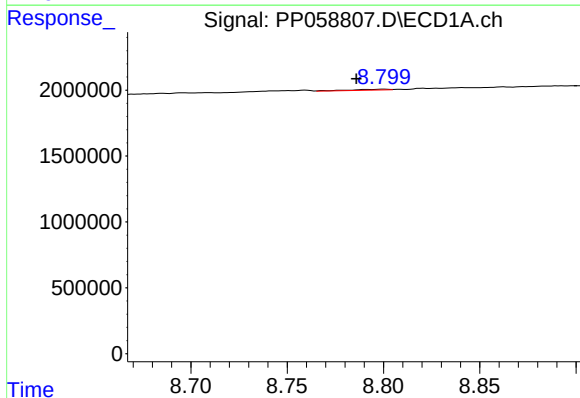
R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 38536
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



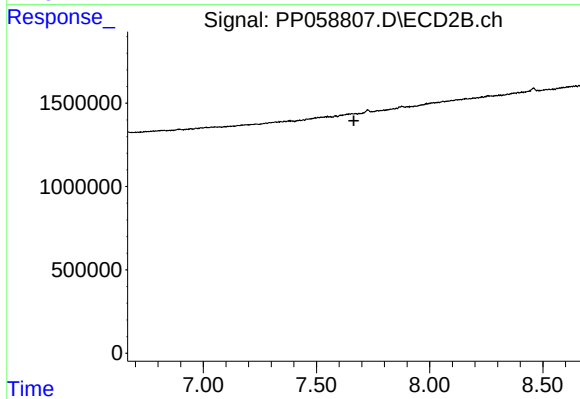
#38 AR-1262-3

R.T.: 7.583 min
Delta R.T.: -0.018 min
Response: 51708
Conc: 0.55 ng/ml



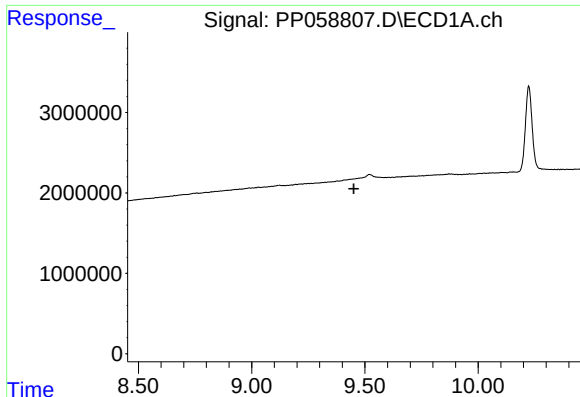
#39 AR-1262-4

R.T.: 8.800 min
Delta R.T.: 0.014 min
Response: 87683
Conc: 1.51 ng/ml



#39 AR-1262-4

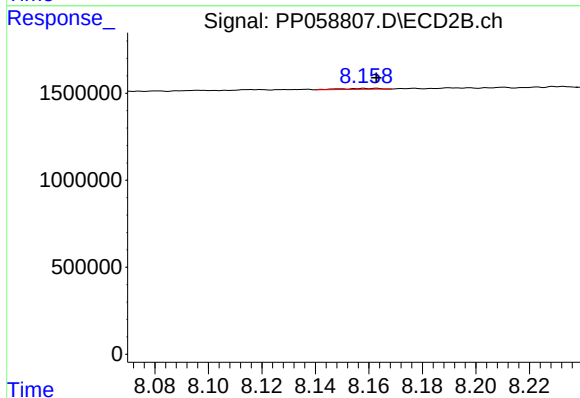
R.T.: 0.000 min
Exp R.T.: 7.665 min
Response: 0
Conc: N.D.



#40 AR-1262-5

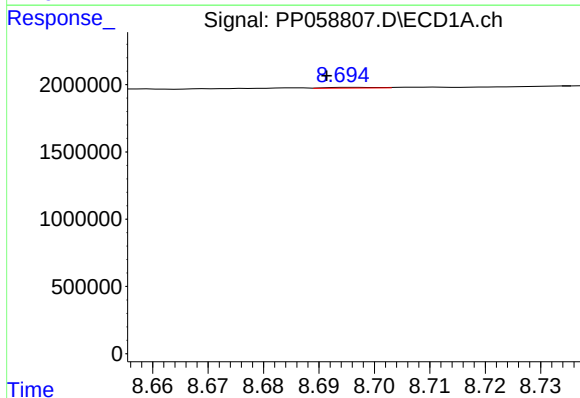
R.T.: 0.000 min
Exp R.T.: 9.451 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



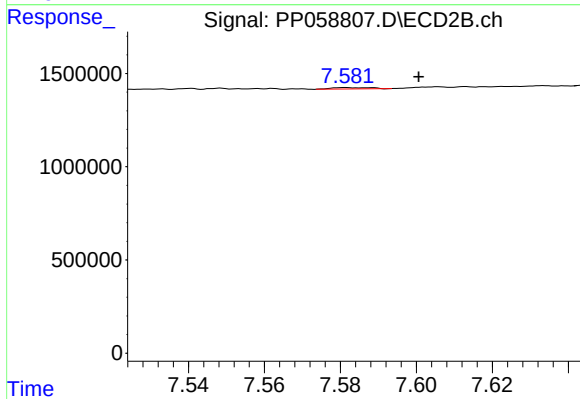
#40 AR-1262-5

R.T.: 8.160 min
Delta R.T.: -0.003 min
Response: 51480
Conc: 0.73 ng/ml



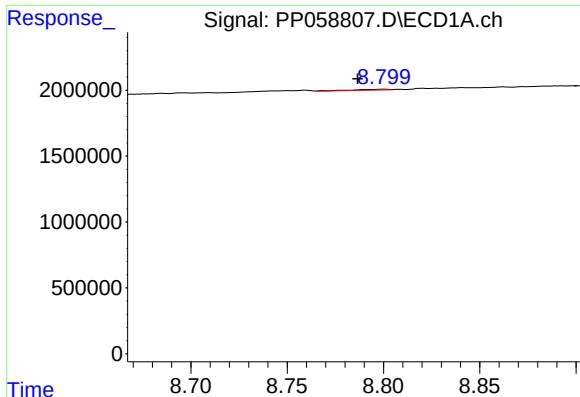
#41 AR-1268-1

R.T.: 8.696 min
Delta R.T.: 0.005 min
Response: 38536
Conc: 0.30 ng/ml



#41 AR-1268-1

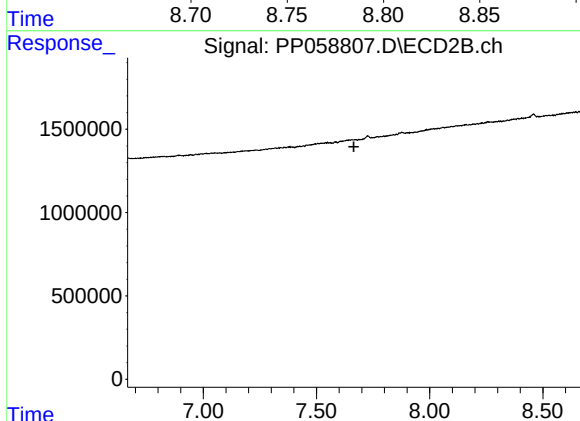
R.T.: 7.583 min
Delta R.T.: -0.017 min
Response: 51708
Conc: 0.19 ng/ml



#42 AR-1268-2

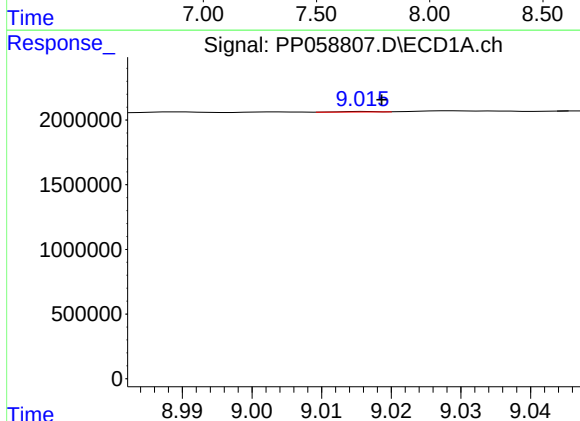
R.T.: 8.800 min
Delta R.T.: 0.013 min
Response: 87683
Conc: 0.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



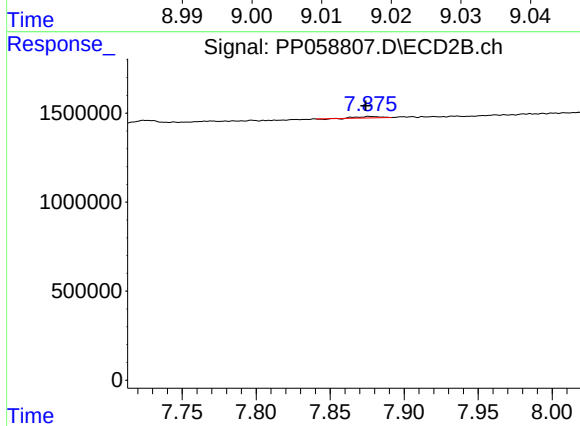
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.665 min
Response: 0
Conc: N.D.



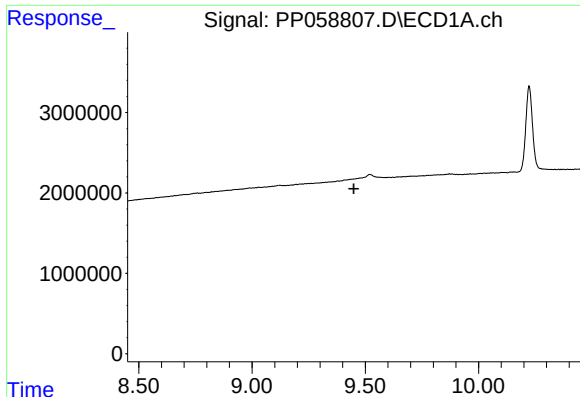
#43 AR-1268-3

R.T.: 9.016 min
Delta R.T.: -0.002 min
Response: 12190
Conc: 0.12 ng/ml



#43 AR-1268-3

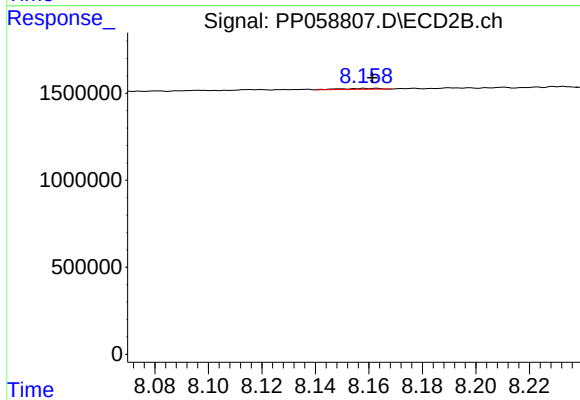
R.T.: 7.878 min
Delta R.T.: 0.003 min
Response: 67882
Conc: 0.31 ng/ml



#44 AR-1268-4

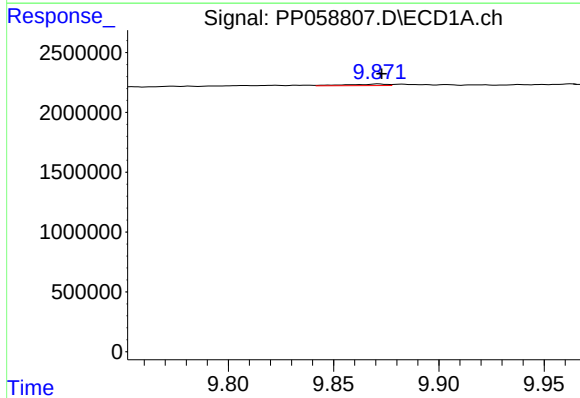
R.T.: 0.000 min
Exp R.T.: 9.449 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



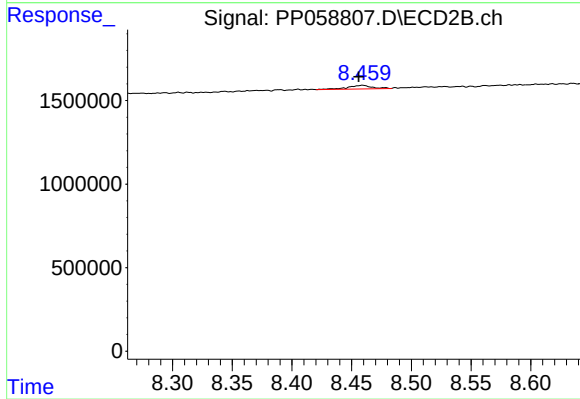
#44 AR-1268-4

R.T.: 8.160 min
Delta R.T.: -0.001 min
Response: 51480
Conc: 0.66 ng/ml



#45 AR-1268-5

R.T.: 9.871 min
Delta R.T.: -0.002 min
Response: 167080
Conc: 0.51 ng/ml



#45 AR-1268-5

R.T.: 8.459 min
Delta R.T.: 0.003 min
Response: 297116
Conc: 0.47 ng/ml