

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080823\
 Data File : PP059232.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 03:15
 Operator : YP\AJ
 Sample : 03572-01
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 04:26:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 02:30:13 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...	4.415	3.648	24265639	40695899	19.776	20.085
2)	SA Decachlor...	10.207	8.684	18957381	33598887	24.838	23.883
Target Compounds							
3)	L1 AR-1016-1	5.593	4.741	96643	124522	2.460	1.941
4)	L1 AR-1016-2	5.615	4.763	133400	159848	2.353	1.760 #
5)	L1 AR-1016-3	5.672	4.936	96519	54208	2.690	1.128 #
6)	L1 AR-1016-4	5.777	4.979	40594	1457510	1.401	35.298 #
7)	L1 AR-1016-5	6.072	5.190	513956	749848	16.983	14.411
8)	L2 AR-1221-1	4.624	3.864	93049	51887	5.906	1.911 #
9)	L2 AR-1221-2	4.725	3.948	798744	808331	67.639	40.600 #
10)	L2 AR-1221-3	4.792	4.030	401144	154027	11.392	2.587 #
11)	L3 AR-1232-1	4.792	4.030	401144	154027	13.646	3.246 #
12)	L3 AR-1232-2	5.328	4.763	48739	159848	3.127	3.768
13)	L3 AR-1232-3	5.615	4.936	133400	54208	5.052	2.443 #
14)	L3 AR-1232-4	5.777	5.022	40594	636328	3.067	30.137 #
15)	L3 AR-1232-5	5.868	5.190	726643	749848	63.659	32.712 #
16)	L4 AR-1242-1	5.593	4.741	96643	124522	2.823	2.225
17)	L4 AR-1242-2	5.615	4.763	133400	159848	2.719	2.005 #
18)	L4 AR-1242-3	5.672	4.936	96519	54208	3.072	1.272 #
19)	L4 AR-1242-4	5.777	5.022	40594	636328	1.583	14.573 #
20)	L4 AR-1242-5	6.520	5.546	415487	2897912	16.083	58.340 #
21)	L5 AR-1248-1	5.593	4.741	96643	124522	3.808	3.027
22)	L5 AR-1248-2	5.868	4.979	726643	1457510	18.774	24.204 #
23)	L5 AR-1248-3	6.072	5.022	513956	636328	12.166	10.328
24)	L5 AR-1248-4	6.478	5.190	610079	749848	14.653	10.415 #
25)	L5 AR-1248-5	6.520	5.587	415487	361085	10.186	5.472 #
26)	L6 AR-1254-1	6.452	5.546	1352815	2897912	28.959	28.603
27)	L6 AR-1254-2	6.673	5.695	2106461	2482438	30.614	28.121
28)	L6 AR-1254-3	7.039	6.100	2194280	3792736	31.792	27.435
29)	L6 AR-1254-4	7.326	6.331	1375774	2063241	30.562	25.668
30)	L6 AR-1254-5	7.748	6.749	1418099	3292187	30.181	27.530
31)	L7 AR-1260-1	7.205	6.231	974644	1841570	17.815	18.594
32)	L7 AR-1260-2	7.463	6.420	803146	1609206	13.489	13.907
33)	L7 AR-1260-3	7.824	6.573	49939	1922504	1.269	17.283 #
34)	L7 AR-1260-4	8.038	7.031f	182291	167011	4.104	1.926 #
35)	L7 AR-1260-5	8.369	7.291	195617	720609	2.446	3.909 #
36)	L8 AR-1262-1	7.824	6.846	49939	45757	0.784	0.795
37)	L8 AR-1262-2	8.369	7.031f	195617	167011	2.130	1.415 #
38)	L8 AR-1262-3	8.697	7.578	130316	44236	2.025	0.520 #
39)	L8 AR-1262-4	8.786	7.639	72268	465026	2.176	3.078 #
40)	L8 AR-1262-5	9.439	8.143	32246	42646	1.081	0.669 #
41)	L9 AR-1268-1	8.697	7.578	130316	44236	1.147	0.181 #

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 ALS Vial : 31 Sample Multiplier: 1

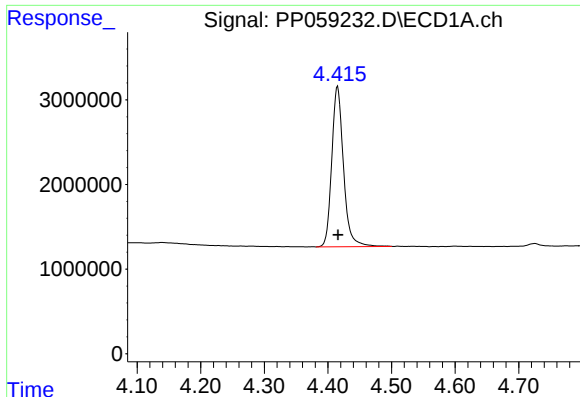
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 04:26:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
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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
42) L9	AR-1268-2	8.786	7.639	72268	465026	0.734	2.123 #
43) L9	AR-1268-3	9.007	7.851	36212	419865	0.391	2.147 #
44) L9	AR-1268-4	9.439	8.143	32246	42646	1.011	0.613 #
45) L9	AR-1268-5	9.857	8.430	52274	139211	0.193	0.269 #

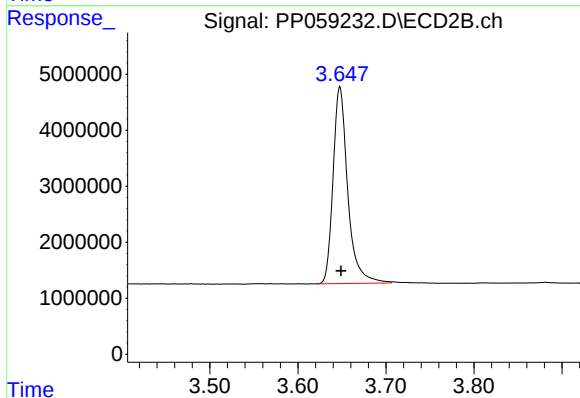
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

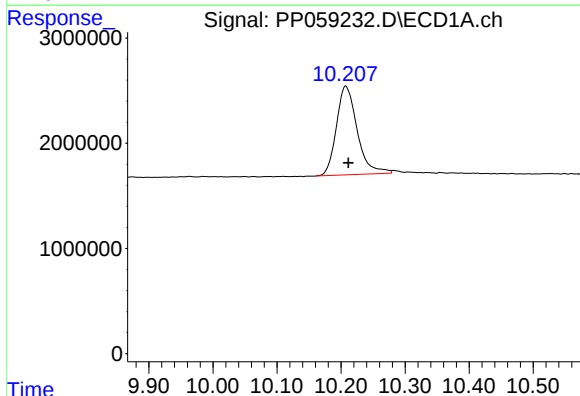
R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 24265639
Conc: 19.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



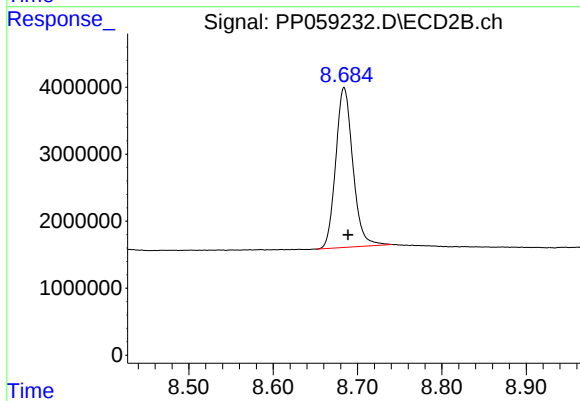
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: -0.001 min
Response: 40695899
Conc: 20.09 ng/ml



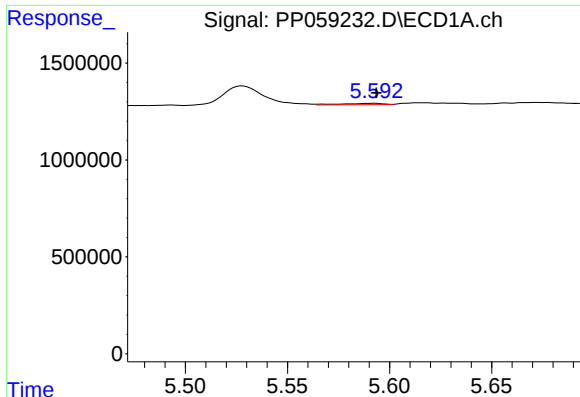
#2 Decachlorobiphenyl

R.T.: 10.207 min
Delta R.T.: -0.004 min
Response: 18957381
Conc: 24.84 ng/ml



#2 Decachlorobiphenyl

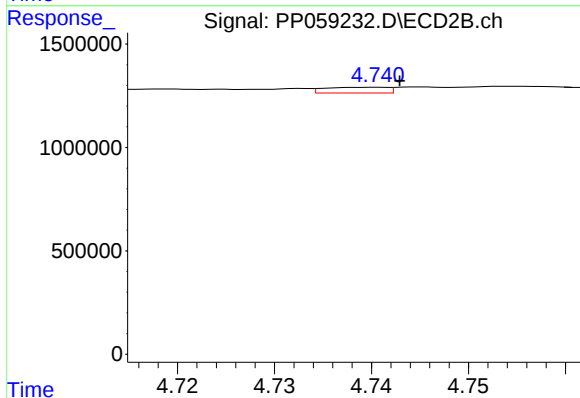
R.T.: 8.684 min
Delta R.T.: -0.005 min
Response: 33598887
Conc: 23.88 ng/ml



#3 AR-1016-1

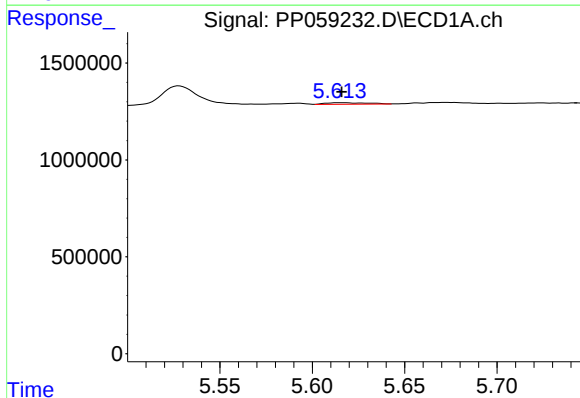
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 96643
Conc: 2.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



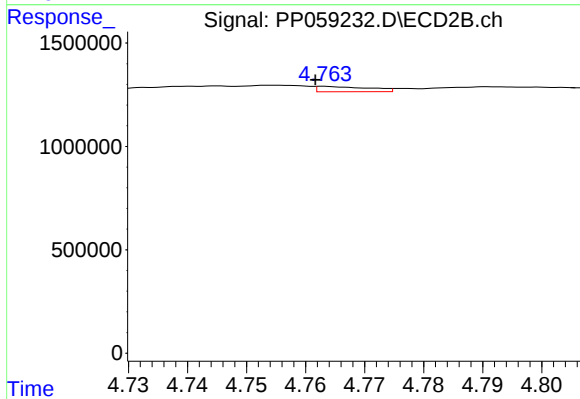
#3 AR-1016-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 124522
Conc: 1.94 ng/ml



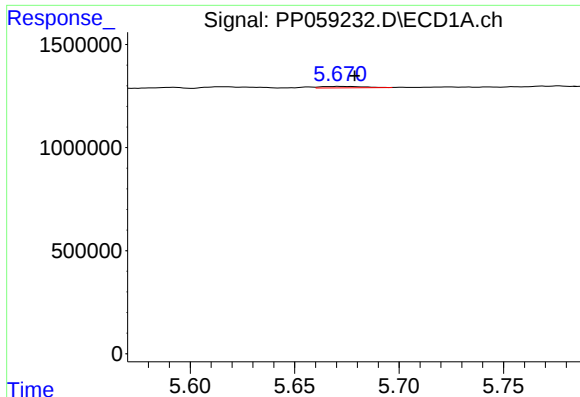
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 133400
Conc: 2.35 ng/ml



#4 AR-1016-2

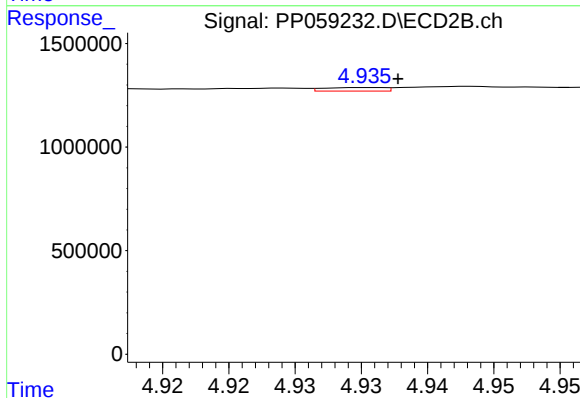
R.T.: 4.763 min
Delta R.T.: 0.001 min
Response: 159848
Conc: 1.76 ng/ml



#5 AR-1016-3

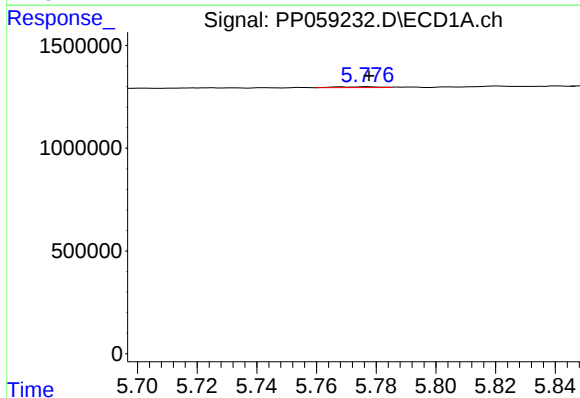
R.T.: 5.672 min
Delta R.T.: -0.007 min
Response: 96519
Conc: 2.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



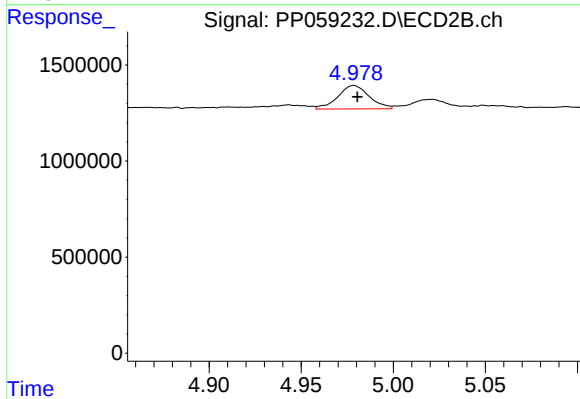
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 54208
Conc: 1.13 ng/ml



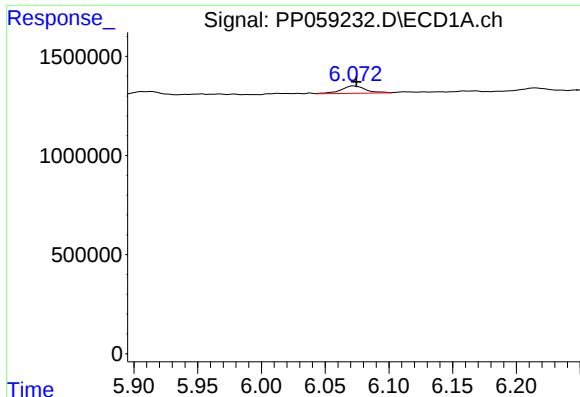
#6 AR-1016-4

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 40594
Conc: 1.40 ng/ml



#6 AR-1016-4

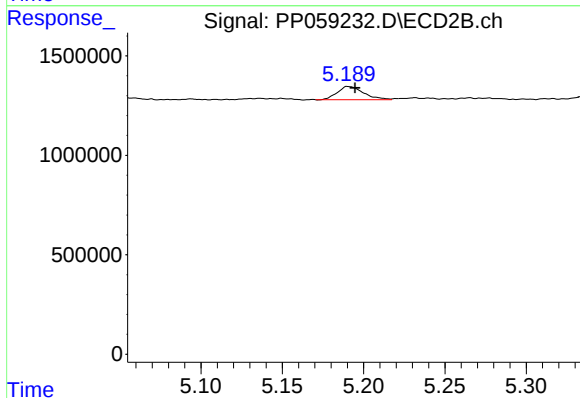
R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 1457510
Conc: 35.30 ng/ml



#7 AR-1016-5

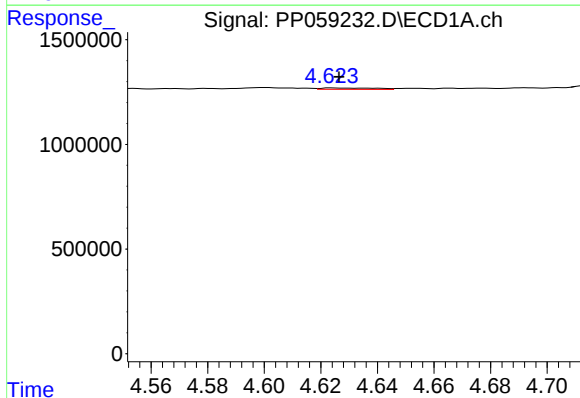
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 513956
Conc: 16.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



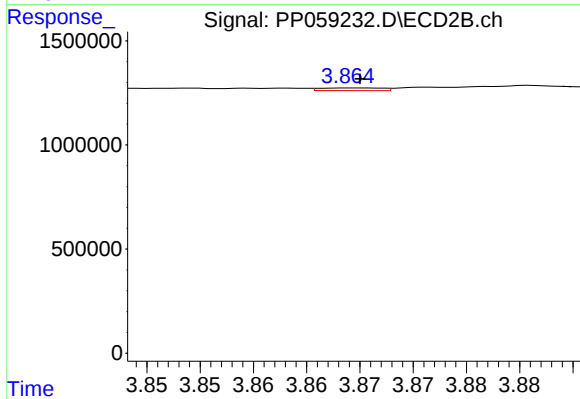
#7 AR-1016-5

R.T.: 5.190 min
Delta R.T.: -0.005 min
Response: 749848
Conc: 14.41 ng/ml



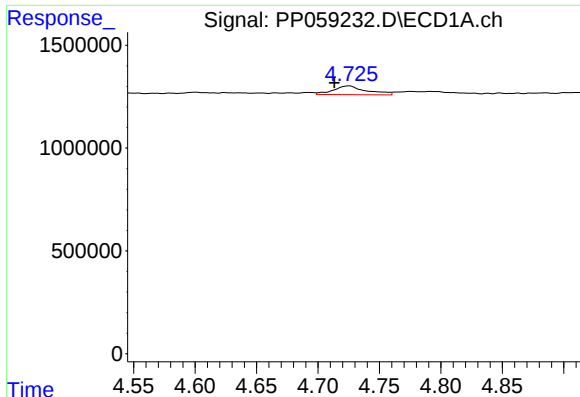
#8 AR-1221-1

R.T.: 4.624 min
Delta R.T.: -0.003 min
Response: 93049
Conc: 5.91 ng/ml



#8 AR-1221-1

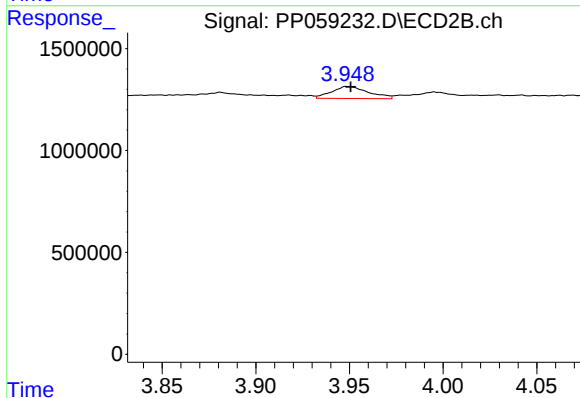
R.T.: 3.864 min
Delta R.T.: 0.000 min
Response: 51887
Conc: 1.91 ng/ml



#9 AR-1221-2

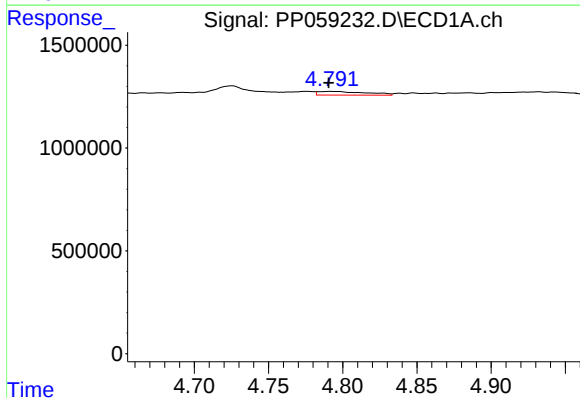
R.T.: 4.725 min
Delta R.T.: 0.012 min
Response: 798744
Conc: 67.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



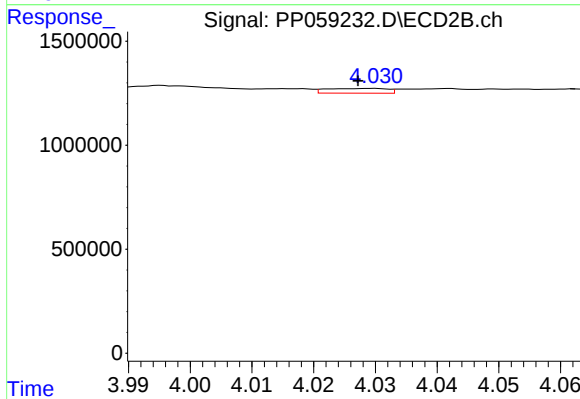
#9 AR-1221-2

R.T.: 3.948 min
Delta R.T.: -0.002 min
Response: 808331
Conc: 40.60 ng/ml



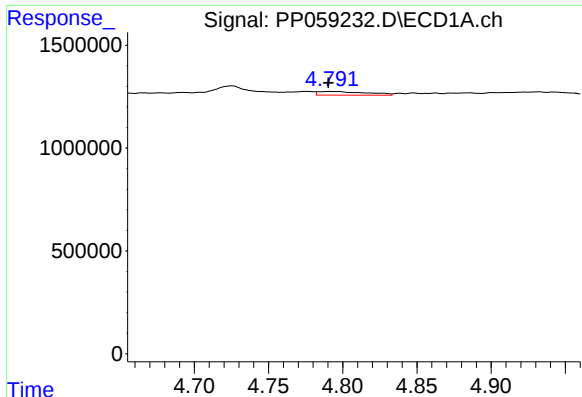
#10 AR-1221-3

R.T.: 4.792 min
Delta R.T.: 0.001 min
Response: 401144
Conc: 11.39 ng/ml



#10 AR-1221-3

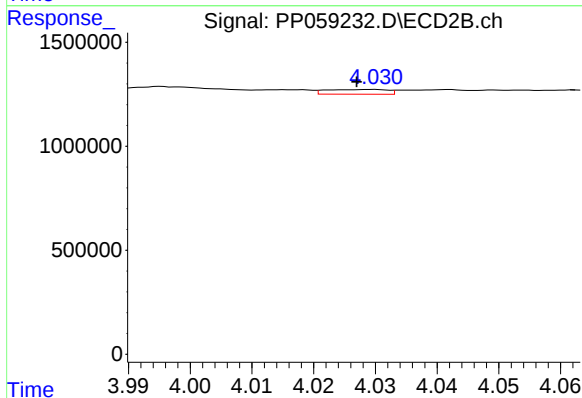
R.T.: 4.030 min
Delta R.T.: 0.003 min
Response: 154027
Conc: 2.59 ng/ml



#11 AR-1232-1

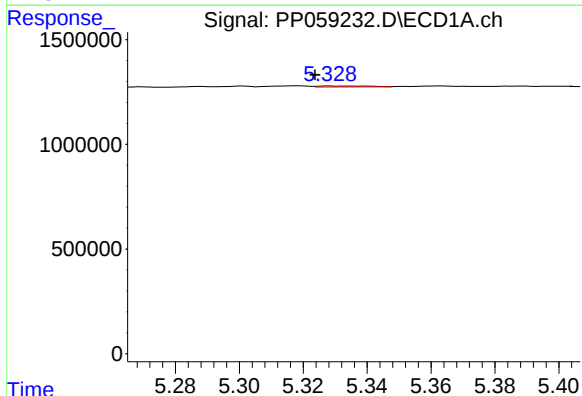
R.T.: 4.792 min
Delta R.T.: 0.001 min
Response: 401144
Conc: 13.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



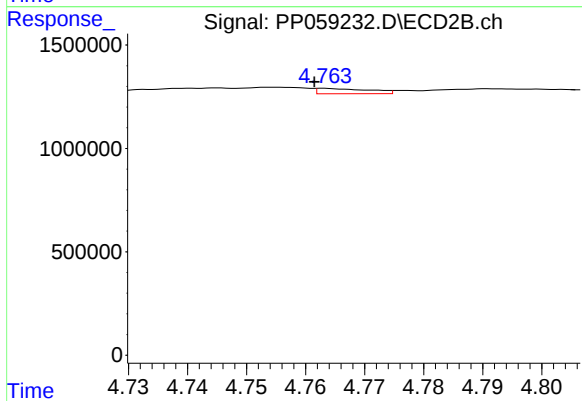
#11 AR-1232-1

R.T.: 4.030 min
Delta R.T.: 0.003 min
Response: 154027
Conc: 3.25 ng/ml



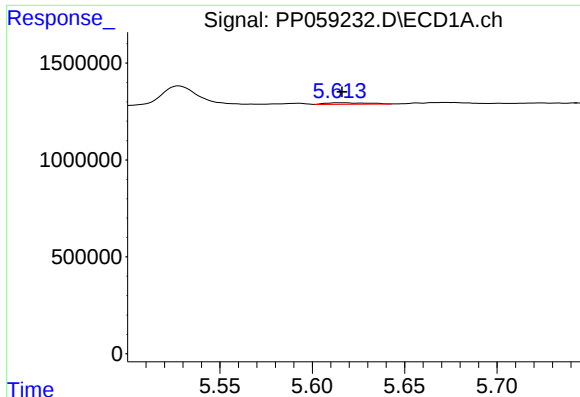
#12 AR-1232-2

R.T.: 5.328 min
Delta R.T.: 0.005 min
Response: 48739
Conc: 3.13 ng/ml



#12 AR-1232-2

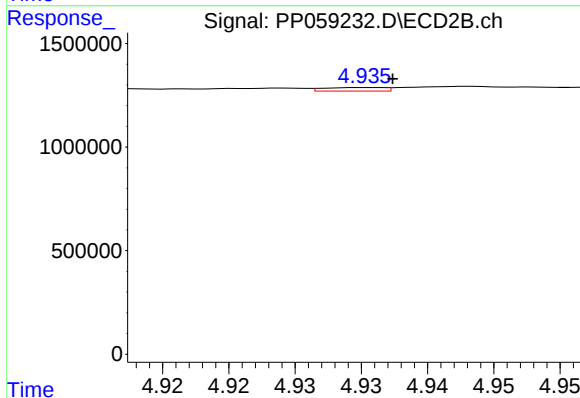
R.T.: 4.763 min
Delta R.T.: 0.001 min
Response: 159848
Conc: 3.77 ng/ml



#13 AR-1232-3

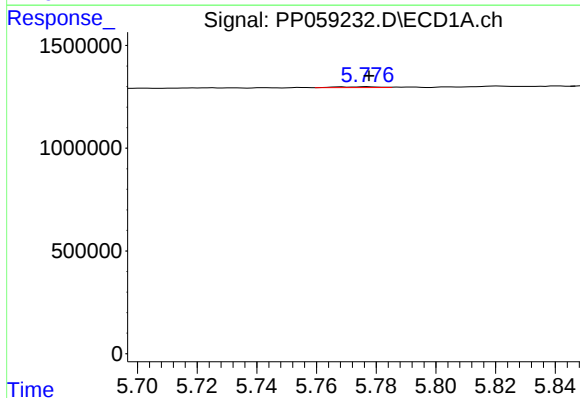
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 133400
Conc: 5.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



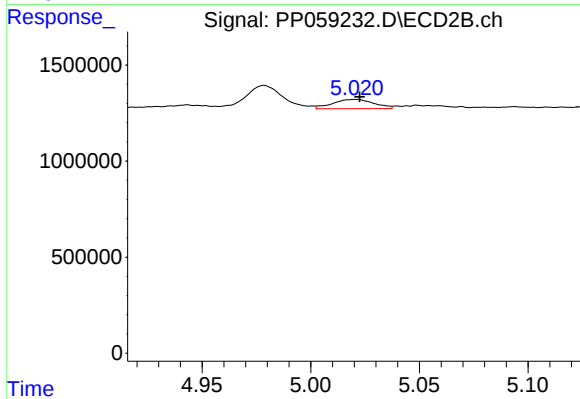
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 54208
Conc: 2.44 ng/ml



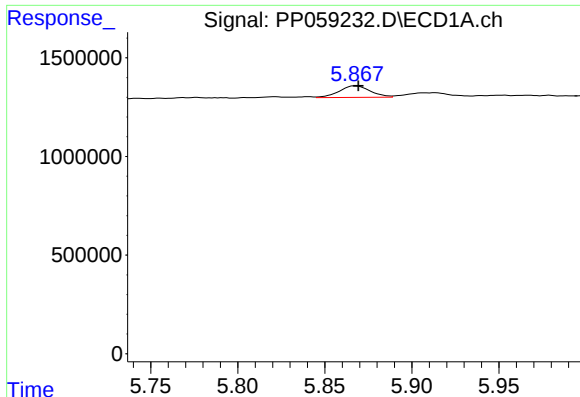
#14 AR-1232-4

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 40594
Conc: 3.07 ng/ml



#14 AR-1232-4

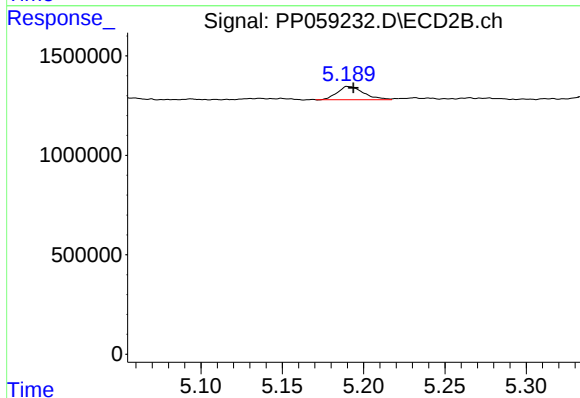
R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 636328
Conc: 30.14 ng/ml



#15 AR-1232-5

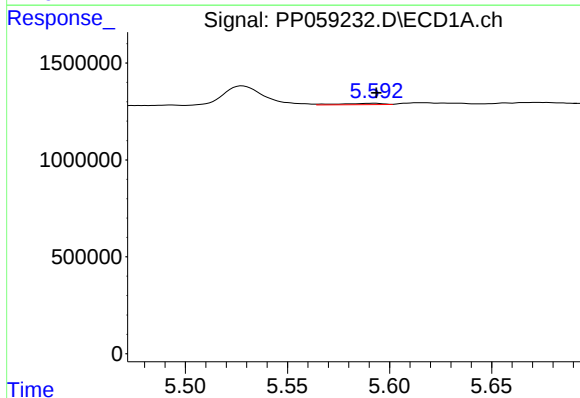
R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 726643
Conc: 63.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



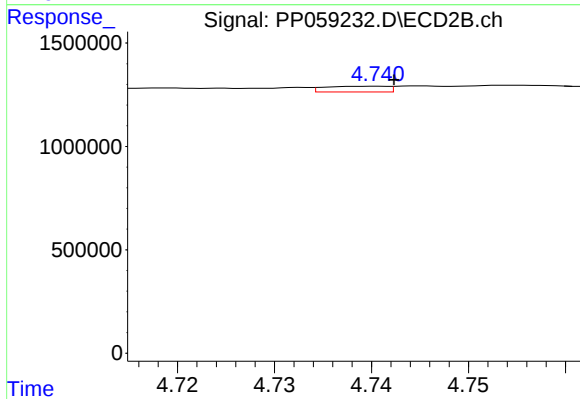
#15 AR-1232-5

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 749848
Conc: 32.71 ng/ml



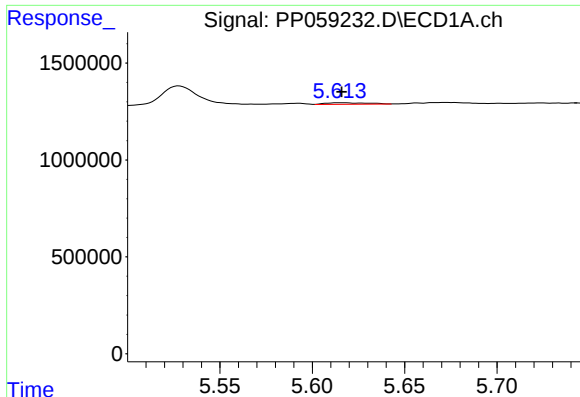
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 96643
Conc: 2.82 ng/ml



#16 AR-1242-1

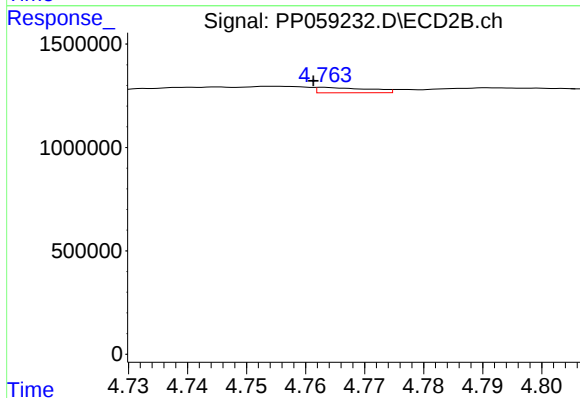
R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 124522
Conc: 2.23 ng/ml



#17 AR-1242-2

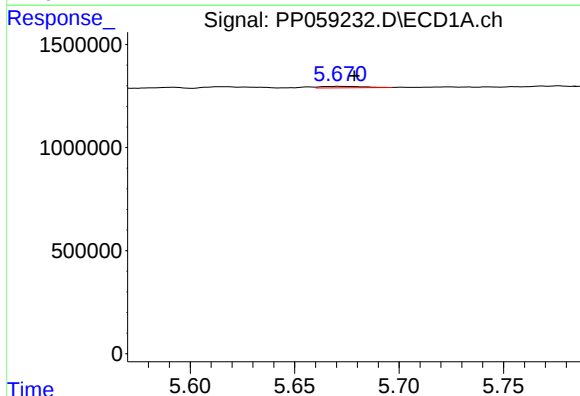
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 133400
Conc: 2.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



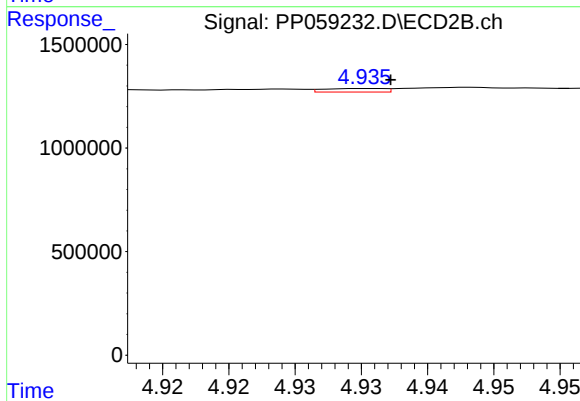
#17 AR-1242-2

R.T.: 4.763 min
Delta R.T.: 0.002 min
Response: 159848
Conc: 2.00 ng/ml



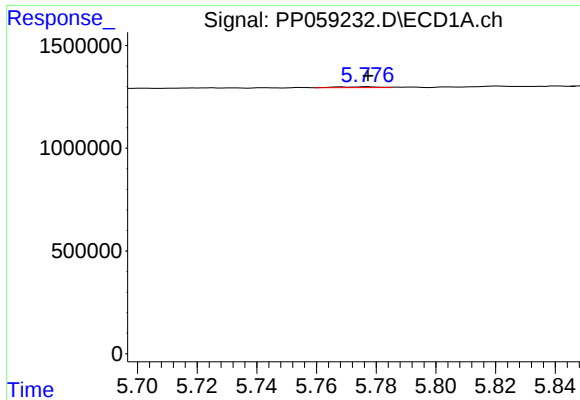
#18 AR-1242-3

R.T.: 5.672 min
Delta R.T.: -0.007 min
Response: 96519
Conc: 3.07 ng/ml



#18 AR-1242-3

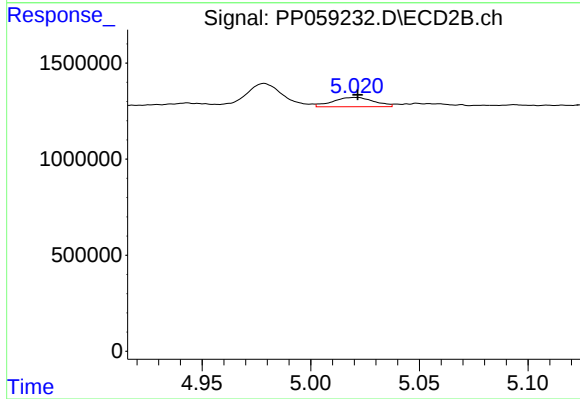
R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 54208
Conc: 1.27 ng/ml



#19 AR-1242-4

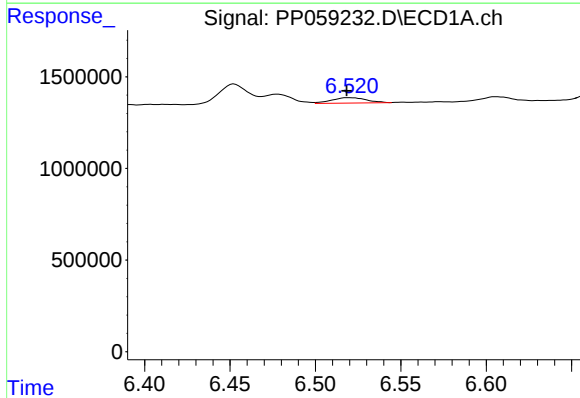
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 40594
Conc: 1.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



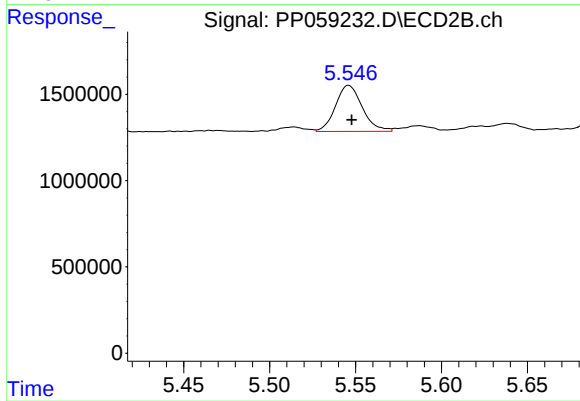
#19 AR-1242-4

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 636328
Conc: 14.57 ng/ml



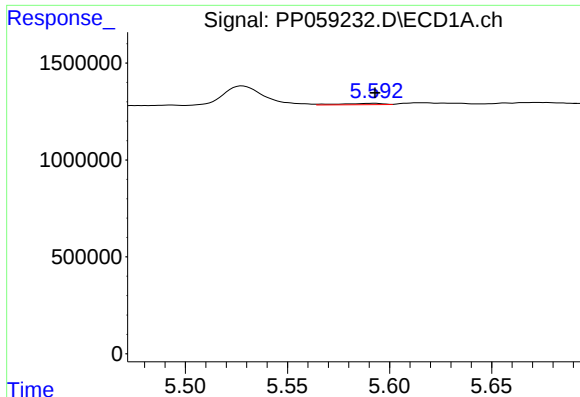
#20 AR-1242-5

R.T.: 6.520 min
Delta R.T.: 0.002 min
Response: 415487
Conc: 16.08 ng/ml



#20 AR-1242-5

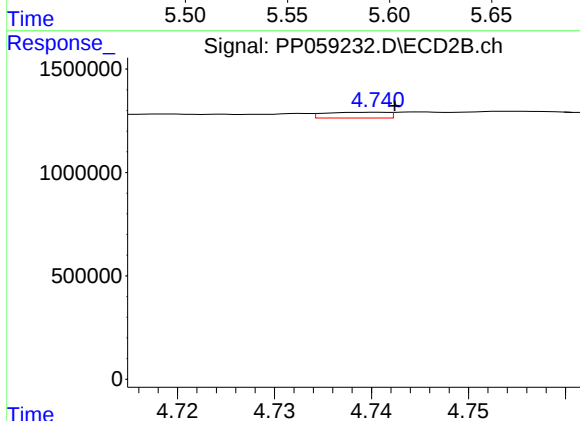
R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 2897912
Conc: 58.34 ng/ml



#21 AR-1248-1

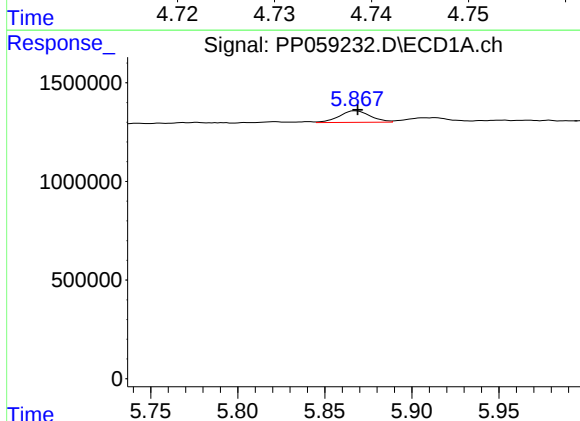
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 96643
Conc: 3.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



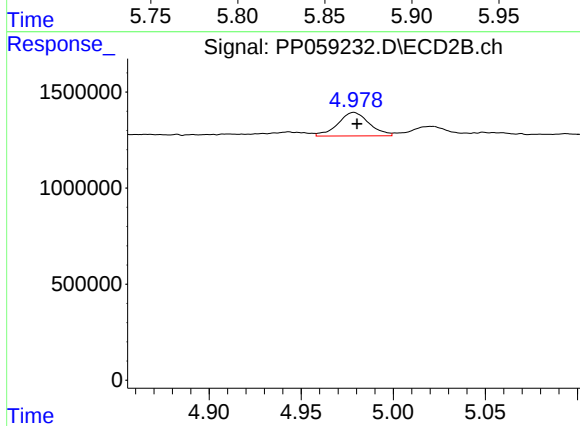
#21 AR-1248-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 124522
Conc: 3.03 ng/ml



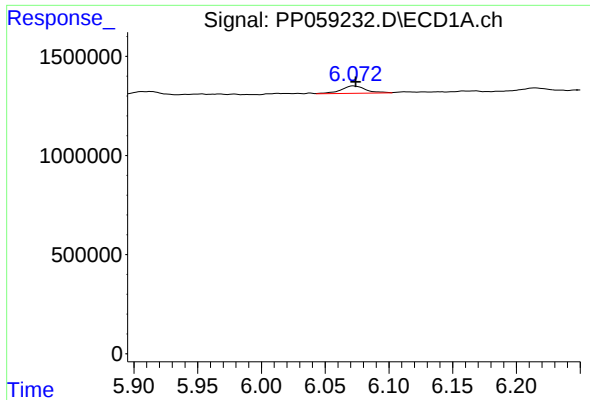
#22 AR-1248-2

R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 726643
Conc: 18.77 ng/ml



#22 AR-1248-2

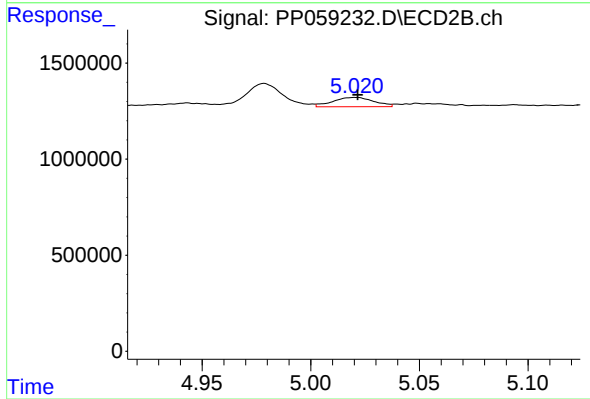
R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 1457510
Conc: 24.20 ng/ml



#23 AR-1248-3

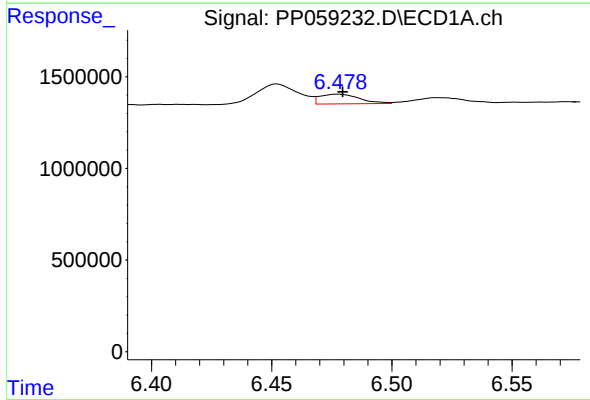
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 513956
Conc: 12.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



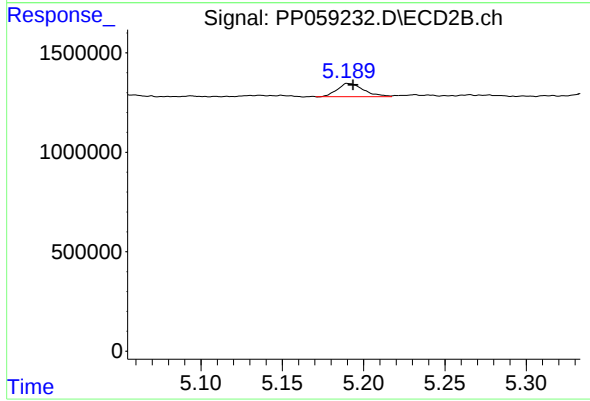
#23 AR-1248-3

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 636328
Conc: 10.33 ng/ml



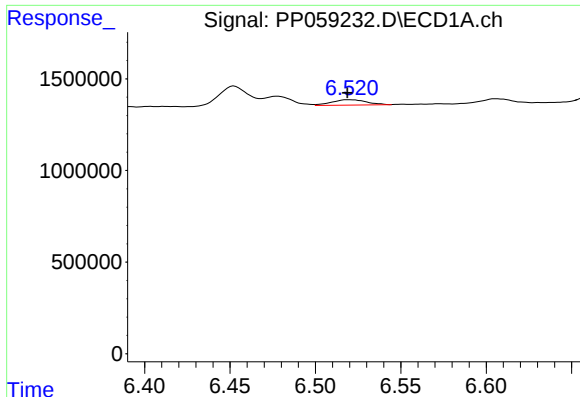
#24 AR-1248-4

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 610079
Conc: 14.65 ng/ml



#24 AR-1248-4

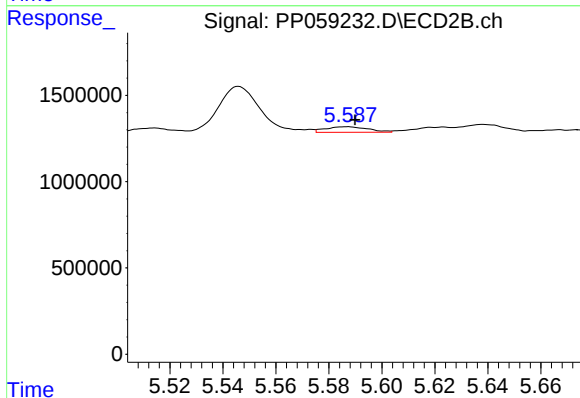
R.T.: 5.190 min
Delta R.T.: -0.003 min
Response: 749848
Conc: 10.42 ng/ml



#25 AR-1248-5

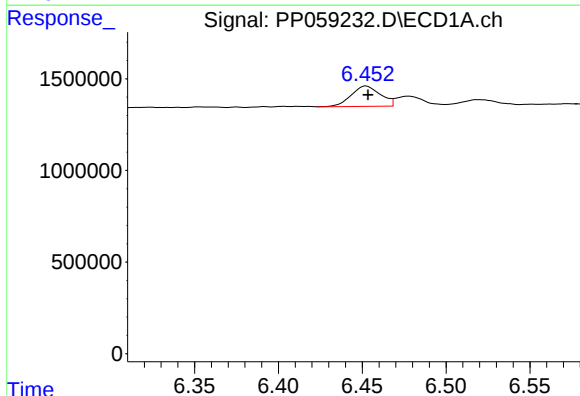
R.T.: 6.520 min
Delta R.T.: 0.001 min
Response: 415487
Conc: 10.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



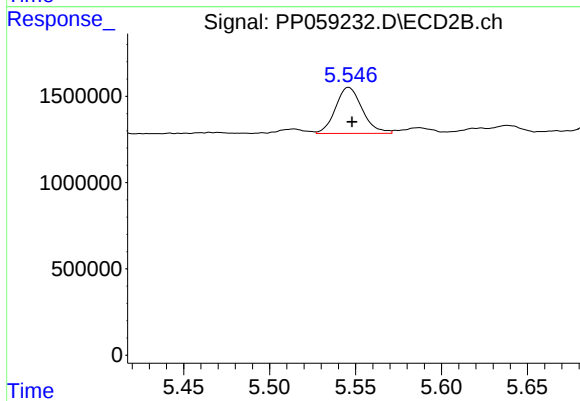
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: -0.003 min
Response: 361085
Conc: 5.47 ng/ml



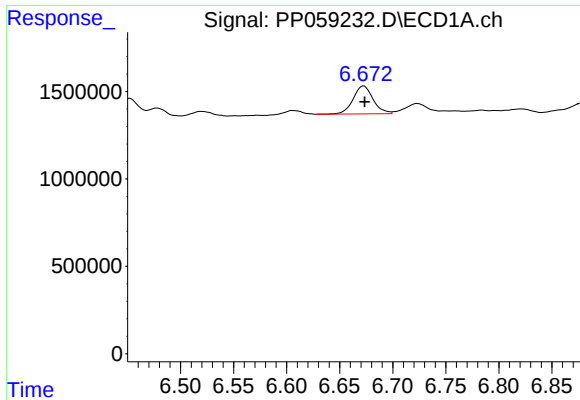
#26 AR-1254-1

R.T.: 6.452 min
Delta R.T.: -0.001 min
Response: 1352815
Conc: 28.96 ng/ml



#26 AR-1254-1

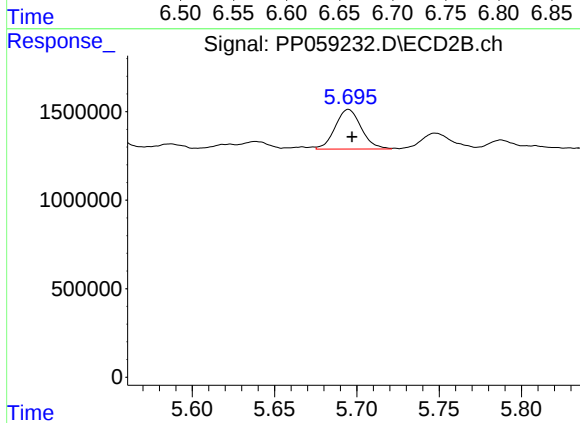
R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 2897912
Conc: 28.60 ng/ml



#27 AR-1254-2

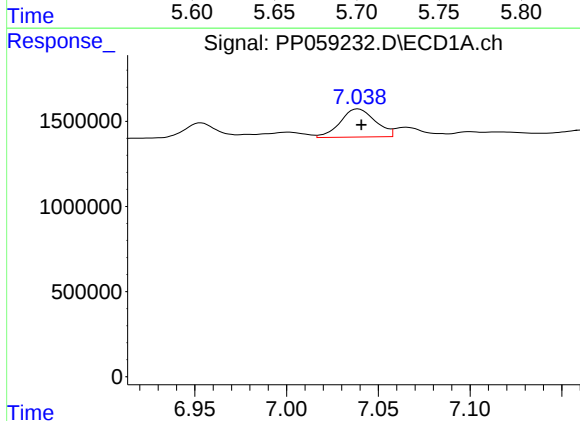
R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 2106461
Conc: 30.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



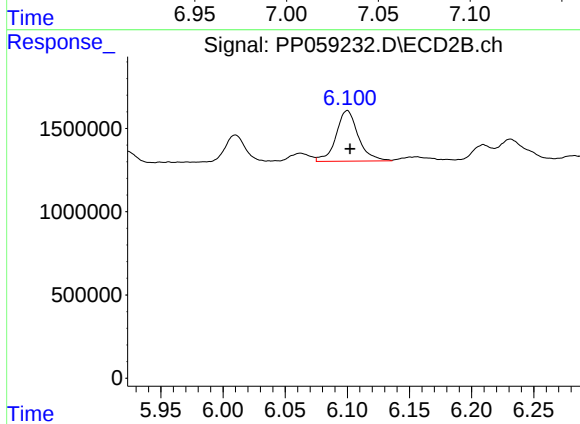
#27 AR-1254-2

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 2482438
Conc: 28.12 ng/ml



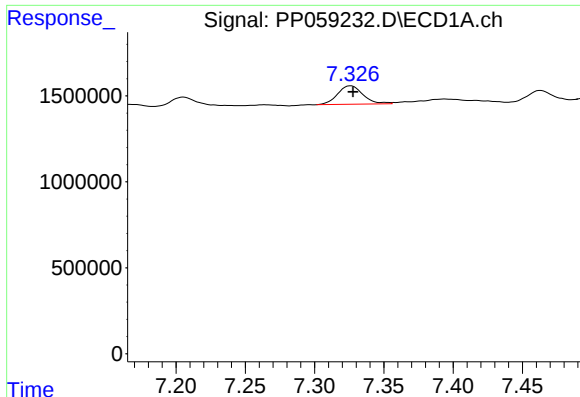
#28 AR-1254-3

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 2194280
Conc: 31.79 ng/ml



#28 AR-1254-3

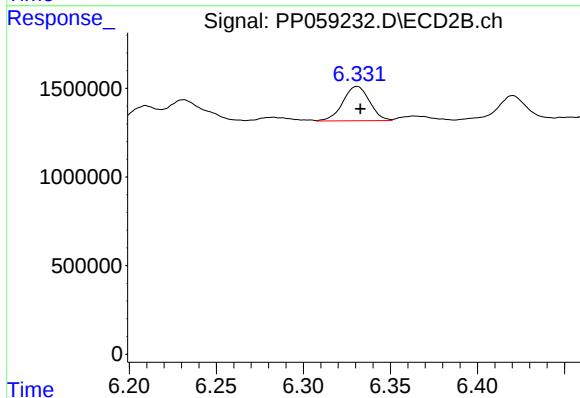
R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 3792736
Conc: 27.43 ng/ml



#29 AR-1254-4

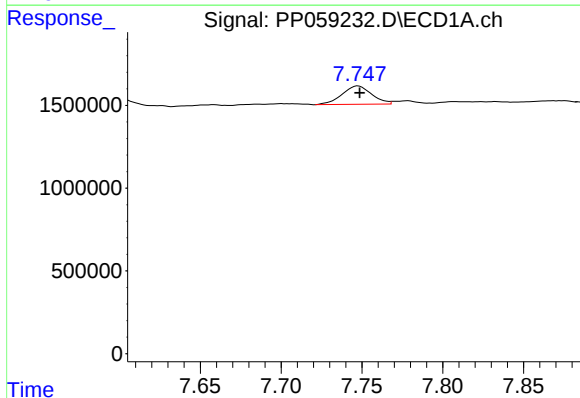
R.T.: 7.326 min
Delta R.T.: -0.002 min
Response: 1375774
Conc: 30.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



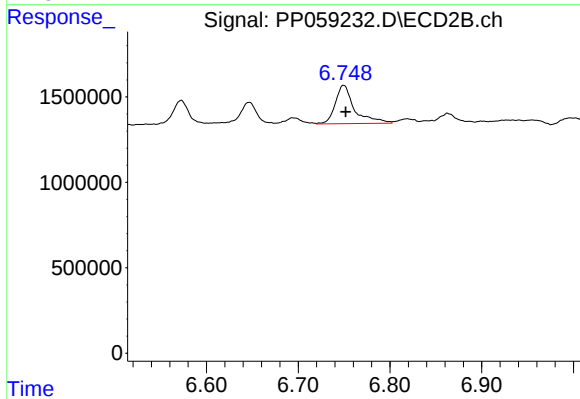
#29 AR-1254-4

R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 2063241
Conc: 25.67 ng/ml



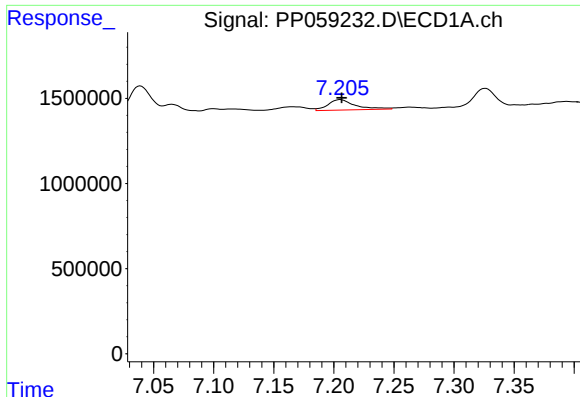
#30 AR-1254-5

R.T.: 7.748 min
Delta R.T.: -0.001 min
Response: 1418099
Conc: 30.18 ng/ml



#30 AR-1254-5

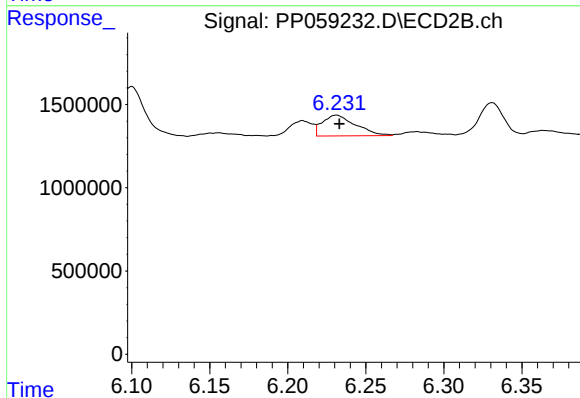
R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 3292187
Conc: 27.53 ng/ml



#31 AR-1260-1

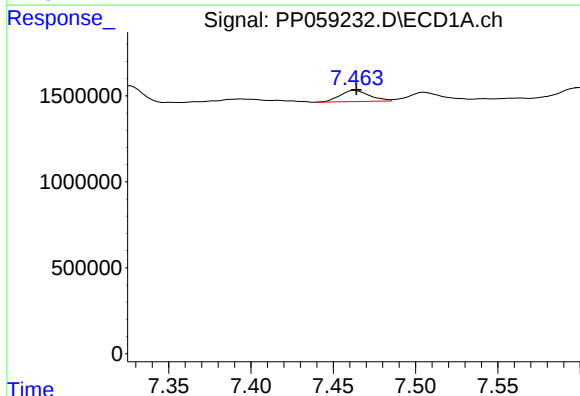
R.T.: 7.205 min
Delta R.T.: -0.001 min
Response: 974644
Conc: 17.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



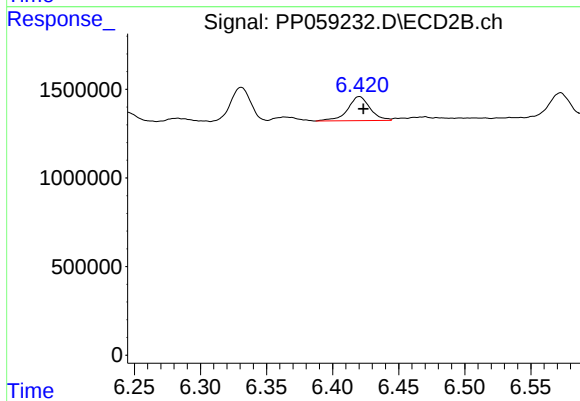
#31 AR-1260-1

R.T.: 6.231 min
Delta R.T.: -0.002 min
Response: 1841570
Conc: 18.59 ng/ml



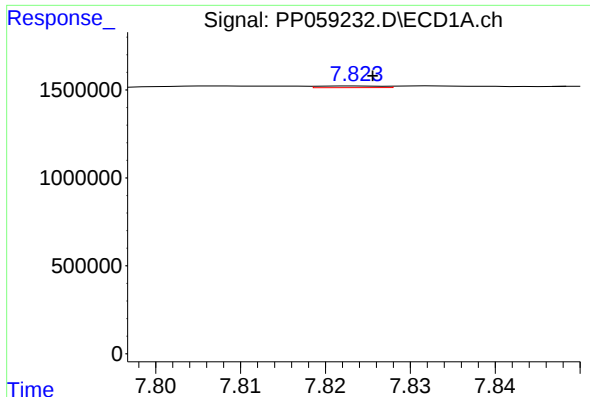
#32 AR-1260-2

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 803146
Conc: 13.49 ng/ml



#32 AR-1260-2

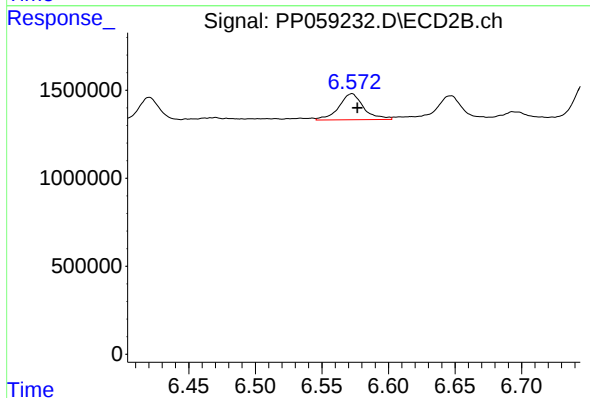
R.T.: 6.420 min
Delta R.T.: -0.003 min
Response: 1609206
Conc: 13.91 ng/ml



#33 AR-1260-3

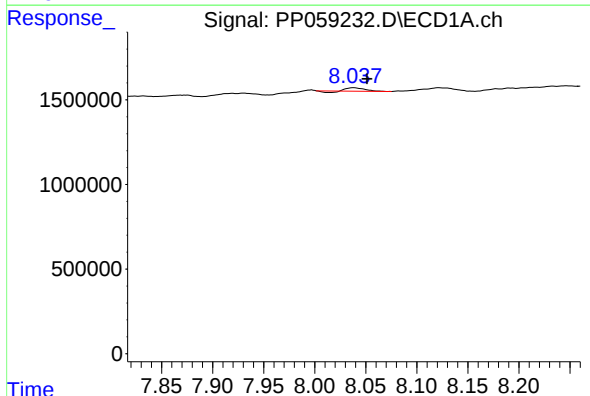
R.T.: 7.824 min
Delta R.T.: -0.002 min
Response: 49939
Conc: 1.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



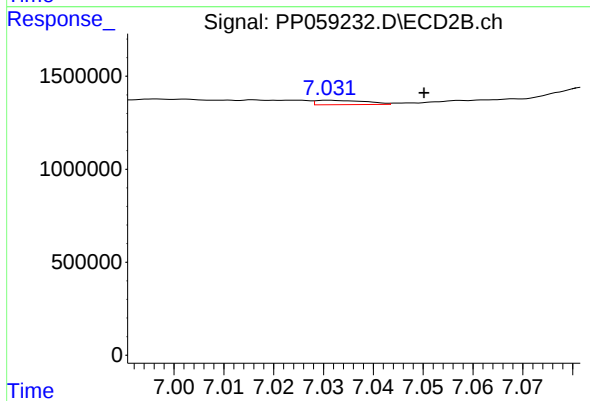
#33 AR-1260-3

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 1922504
Conc: 17.28 ng/ml



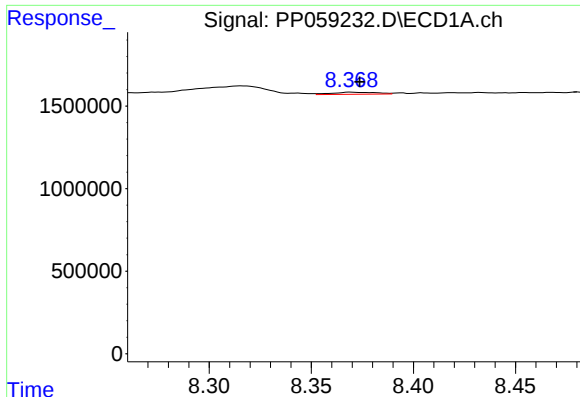
#34 AR-1260-4

R.T.: 8.038 min
Delta R.T.: -0.013 min
Response: 182291
Conc: 4.10 ng/ml



#34 AR-1260-4

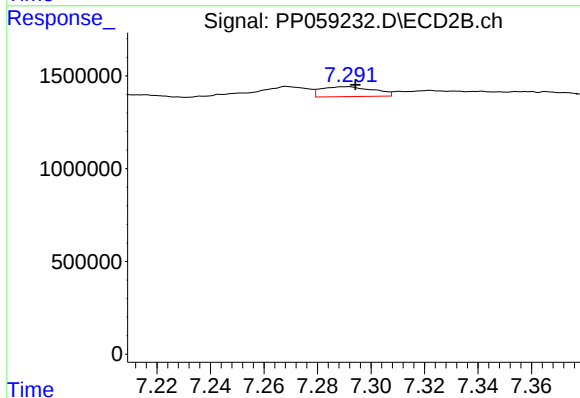
R.T.: 7.031 min
Delta R.T.: -0.019 min
Response: 167011
Conc: 1.93 ng/ml



#35 AR-1260-5

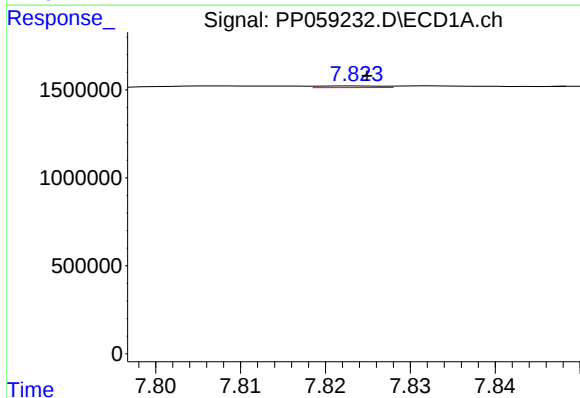
R.T.: 8.369 min
Delta R.T.: -0.004 min
Response: 195617
Conc: 2.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



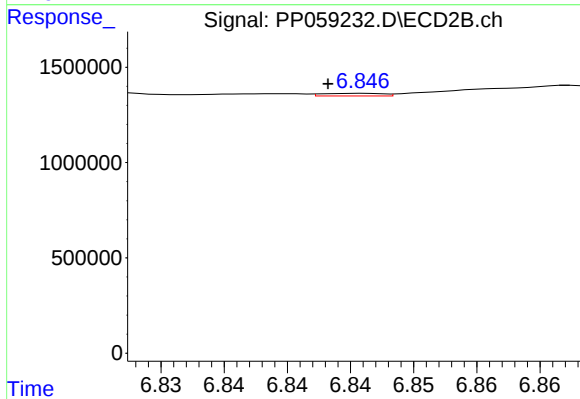
#35 AR-1260-5

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 720609
Conc: 3.91 ng/ml



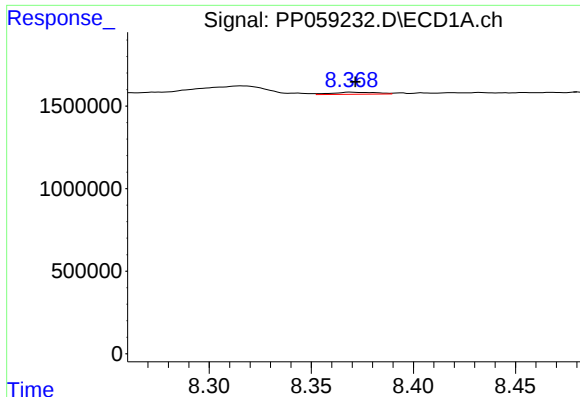
#36 AR-1262-1

R.T.: 7.824 min
Delta R.T.: -0.001 min
Response: 49939
Conc: 0.78 ng/ml



#36 AR-1262-1

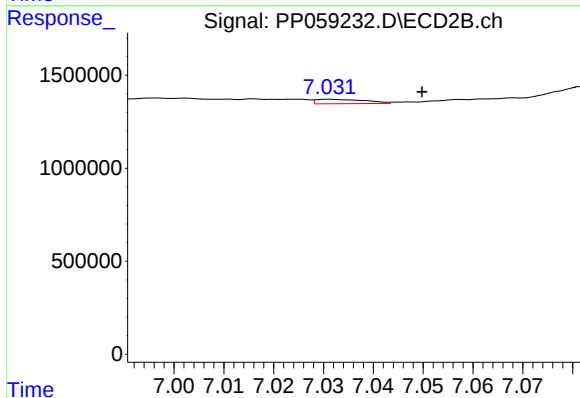
R.T.: 6.846 min
Delta R.T.: 0.003 min
Response: 45757
Conc: 0.80 ng/ml



#37 AR-1262-2

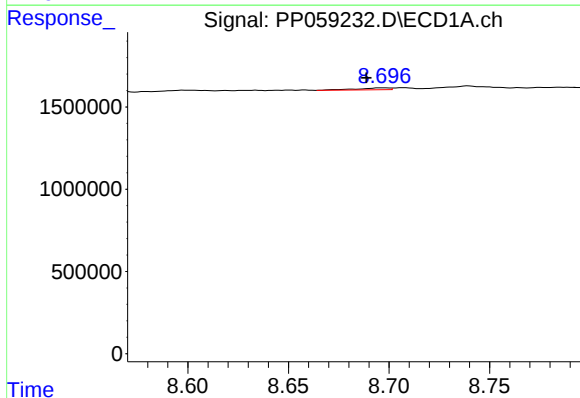
R.T.: 8.369 min
Delta R.T.: -0.002 min
Response: 195617
Conc: 2.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



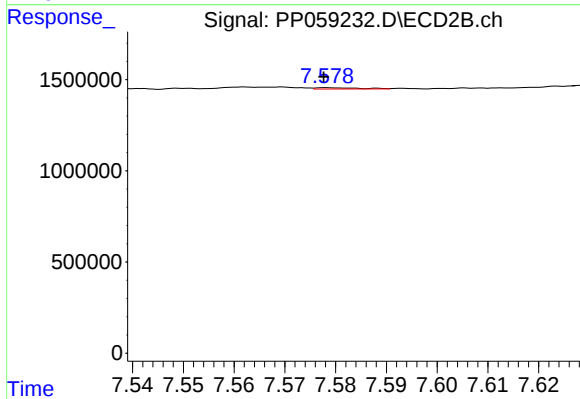
#37 AR-1262-2

R.T.: 7.031 min
Delta R.T.: -0.019 min
Response: 167011
Conc: 1.42 ng/ml



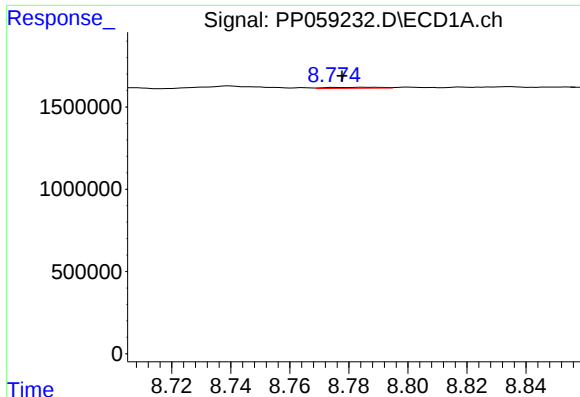
#38 AR-1262-3

R.T.: 8.697 min
Delta R.T.: 0.008 min
Response: 130316
Conc: 2.03 ng/ml



#38 AR-1262-3

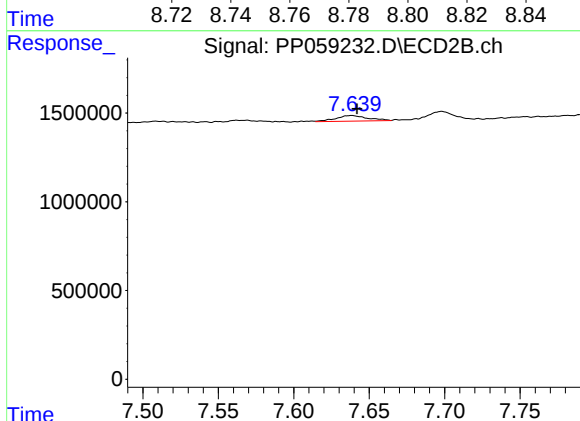
R.T.: 7.578 min
Delta R.T.: 0.000 min
Response: 44236
Conc: 0.52 ng/ml



#39 AR-1262-4

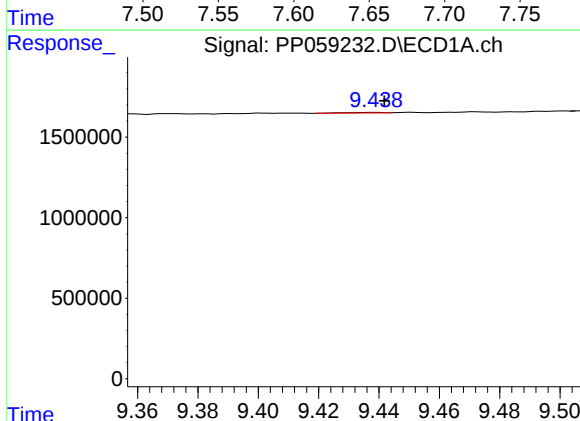
R.T.: 8.786 min
Delta R.T.: 0.008 min
Response: 72268
Conc: 2.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



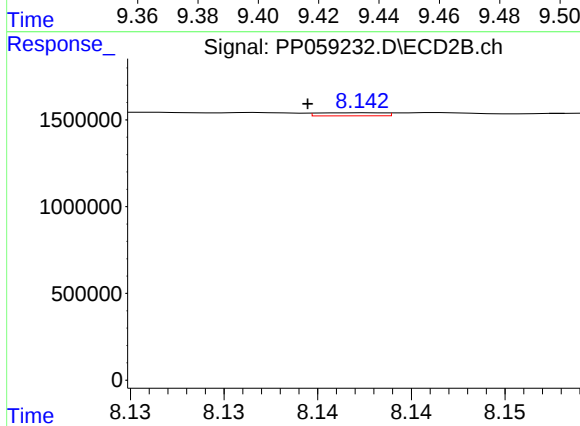
#39 AR-1262-4

R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 465026
Conc: 3.08 ng/ml



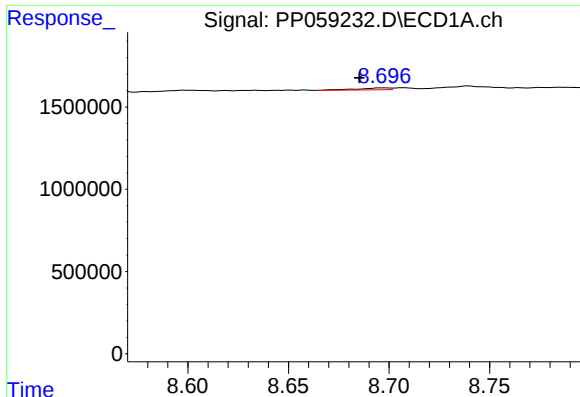
#40 AR-1262-5

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 32246
Conc: 1.08 ng/ml



#40 AR-1262-5

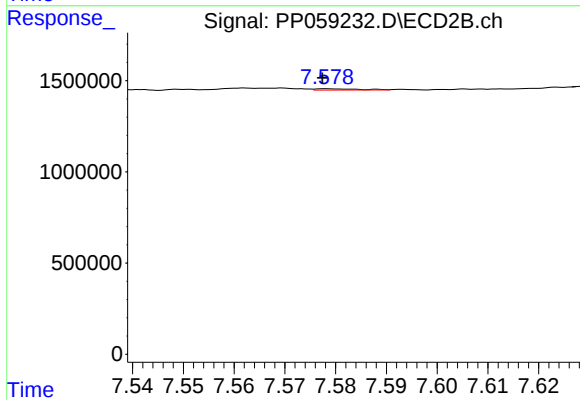
R.T.: 8.143 min
Delta R.T.: 0.003 min
Response: 42646
Conc: 0.67 ng/ml



#41 AR-1268-1

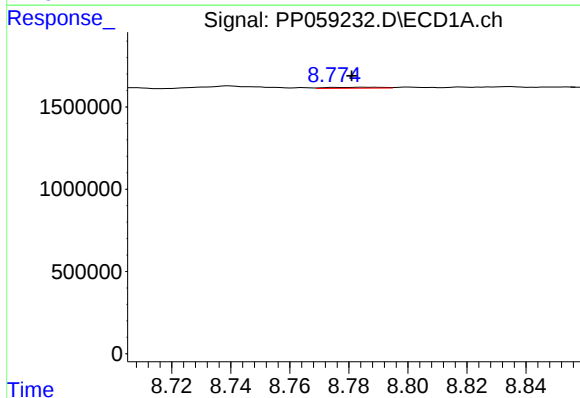
R.T.: 8.697 min
Delta R.T.: 0.012 min
Response: 130316
Conc: 1.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



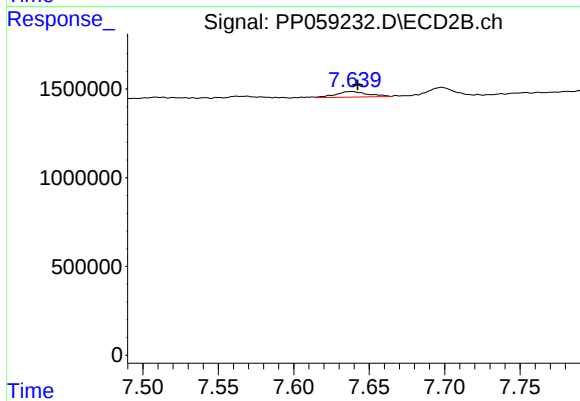
#41 AR-1268-1

R.T.: 7.578 min
Delta R.T.: 0.000 min
Response: 44236
Conc: 0.18 ng/ml



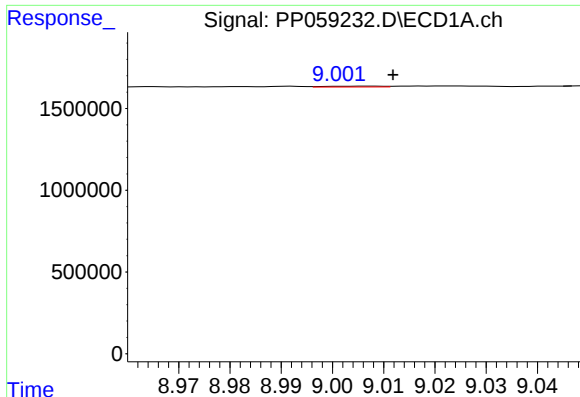
#42 AR-1268-2

R.T.: 8.786 min
Delta R.T.: 0.005 min
Response: 72268
Conc: 0.73 ng/ml



#42 AR-1268-2

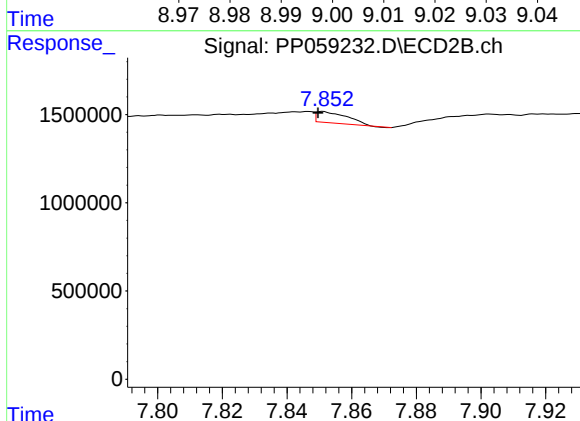
R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 465026
Conc: 2.12 ng/ml



#43 AR-1268-3

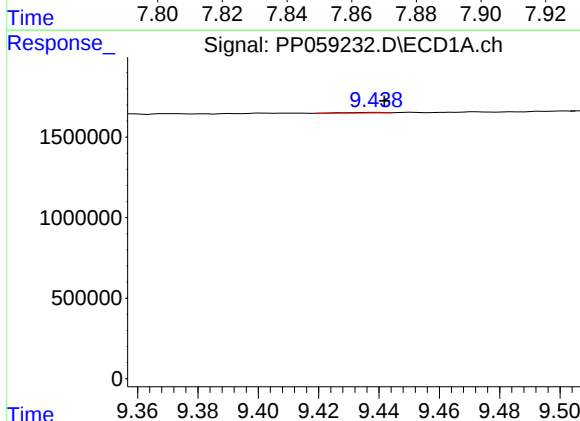
R.T.: 9.007 min
Delta R.T.: -0.005 min
Response: 36212
Conc: 0.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



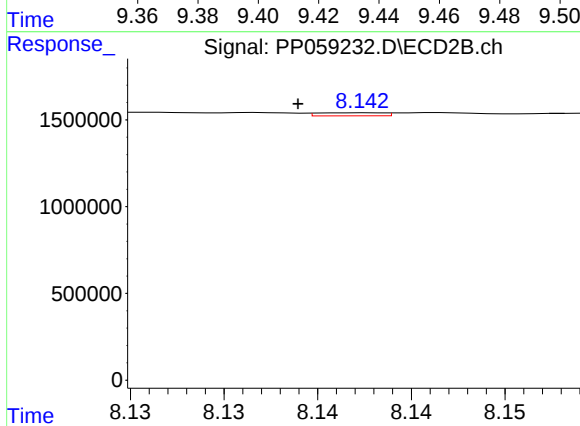
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.001 min
Response: 419865
Conc: 2.15 ng/ml



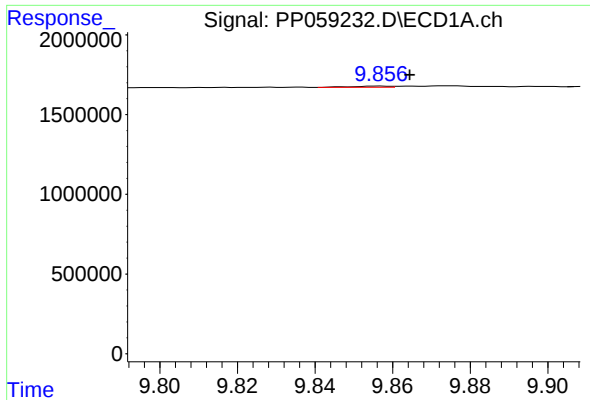
#44 AR-1268-4

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 32246
Conc: 1.01 ng/ml



#44 AR-1268-4

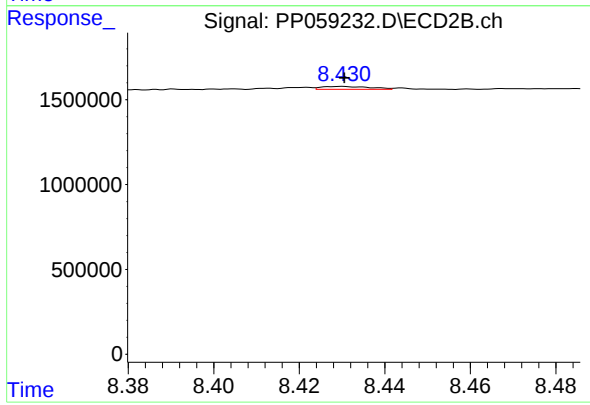
R.T.: 8.143 min
Delta R.T.: 0.004 min
Response: 42646
Conc: 0.61 ng/ml



#45 AR-1268-5

R.T.: 9.857 min
Delta R.T.: -0.008 min
Response: 52274
Conc: 0.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 139211
Conc: 0.27 ng/ml