

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080823\
 Data File : PP059249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 08:24
 Operator : YP\AJ
 Sample : 03572-07
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 08:36:55 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	3.647	23635329	40066208	19.262	19.775
2)	SA Decachlor...	10.207	8.682	18489557	32585891	24.225	23.163
Target Compounds							
3)	L1 AR-1016-1	5.591	4.740	756819	1264315	19.263	19.712
4)	L1 AR-1016-2	5.614	4.759	980150	1949002	17.290	21.455
5)	L1 AR-1016-3	5.675	4.934	733420	1088027	20.444	22.645
6)	L1 AR-1016-4	5.775	4.977	484413	1096648	16.723	26.559 #
7)	L1 AR-1016-5	6.073	5.192	565397	1112010	18.682	21.372
8)	L2 AR-1221-1	4.625	3.864	430515	802571	27.327	29.565
9)	L2 AR-1221-2	4.722	3.948	760837	999452	64.429	50.199
10)	L2 AR-1221-3	4.788	4.025	1288173	1828911	36.582	30.721
11)	L3 AR-1232-1	4.788	4.025	1288173	1828911	43.821	38.545
12)	L3 AR-1232-2	5.322	4.759	504878	1949002	32.391	45.947 #
13)	L3 AR-1232-3	5.614	4.934	980150	1088027	37.119	49.037 #
14)	L3 AR-1232-4	5.775	5.018	484413	1123632	36.602	53.217 #
15)	L3 AR-1232-5	5.868	5.192	451031	1112010	39.514	48.511
16)	L4 AR-1242-1	5.591	4.740	756819	1264315	22.109	22.591
17)	L4 AR-1242-2	5.614	4.759	980150	1949002	19.974	24.443
18)	L4 AR-1242-3	5.675	4.934	733420	1088027	23.344	25.529
19)	L4 AR-1242-4	5.775	5.018	484413	1123632	18.890	25.732 #
20)	L4 AR-1242-5	6.517	5.546	536012	1179404	20.748	23.743
21)	L5 AR-1248-1	5.591	4.740	756819	1264315	29.819	30.734
22)	L5 AR-1248-2	5.868	4.977	451031	1096648	11.653	18.211 #
23)	L5 AR-1248-3	6.073	5.018	565397	1123632	13.383	18.238 #
24)	L5 AR-1248-4	6.478	5.192	584932	1112010	14.049	15.445
25)	L5 AR-1248-5	6.517	5.587	536012	1123447	13.140	17.026 #
26)	L6 AR-1254-1	6.451	5.546	473596	1179404	10.138	11.641
27)	L6 AR-1254-2	6.674	5.694	509064	435374	7.398	4.932 #
28)	L6 AR-1254-3	7.042	6.098	255800	485219	3.706	3.510
29)	L6 AR-1254-4	7.324	6.330	114843	344283	2.551	4.283 #
30)	L6 AR-1254-5	7.749	6.756	83092	30650	1.768	0.256 #
31)	L7 AR-1260-1	7.204	6.239	66036	93788	1.207	0.947
32)	L7 AR-1260-2	7.471	6.423	99606	41143	1.673	0.356 #
33)	L7 AR-1260-3	7.820	6.580	47492	65113	1.207	0.585 #
34)	L7 AR-1260-4	8.067	7.055	104662	24774	2.357	0.286 #
35)	L7 AR-1260-5	8.372	7.295	33186	42131	0.415	0.229 #
36)	L8 AR-1262-1	7.820	6.841	47492	7535	0.746	0.131 #
37)	L8 AR-1262-2	8.372	7.055	33186	24774	0.361	0.210 #
38)	L8 AR-1262-3	8.683	7.580	19697	21929	0.306	0.258
39)	L8 AR-1262-4	8.777	7.640	24358	25490	0.734	0.169 #
40)	L8 AR-1262-5	9.443	8.134	18644	124028	0.625	1.945 #
41)	L9 AR-1268-1	8.683	7.580	19697	21929	0.173	0.090 #

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 Misc : AR1232 LOD 40 PPB
 ALS Vial : 44 Sample Multiplier: 1

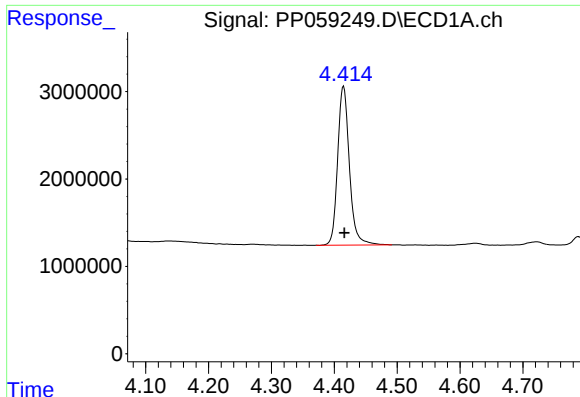
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 08:36:55 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	8.777	7.644	24358	32283	0.247	0.147 #
43) L9	AR-1268-3	9.004	7.848	53446	198743	0.577	1.016 #
44) L9	AR-1268-4	9.443	8.134	18644	124028	0.584	1.782 #
45) L9	AR-1268-5	9.861	8.427	53917	157792	0.199	0.304 #

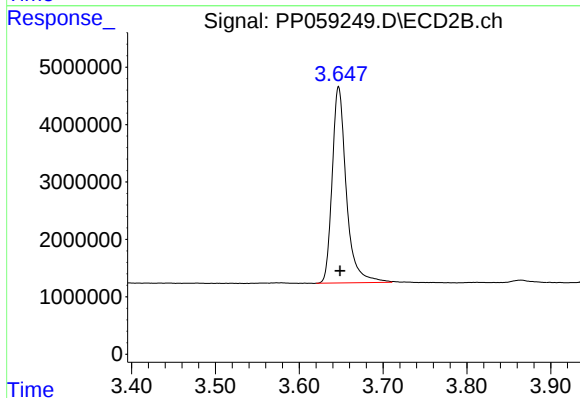
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

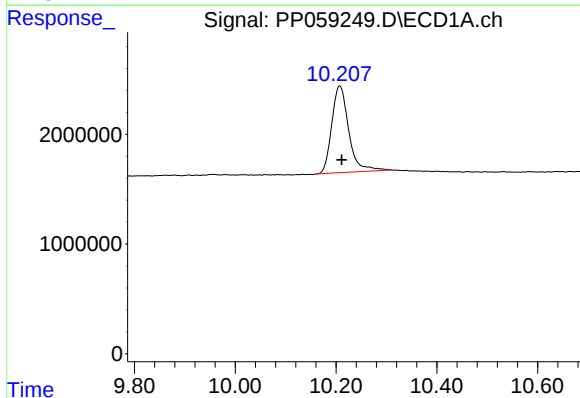
R.T.: 4.415 min
Delta R.T.: -0.001 min
Response: 23635329
Conc: 19.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



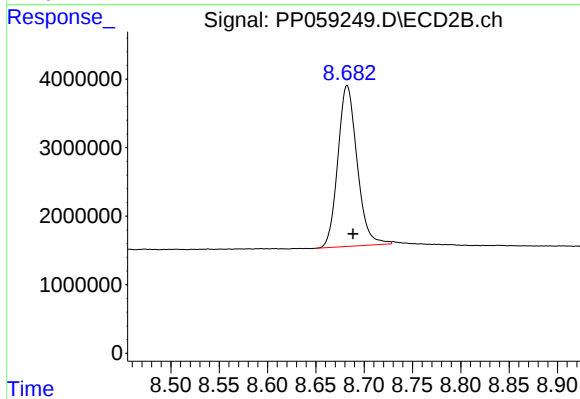
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.002 min
Response: 40066208
Conc: 19.77 ng/ml



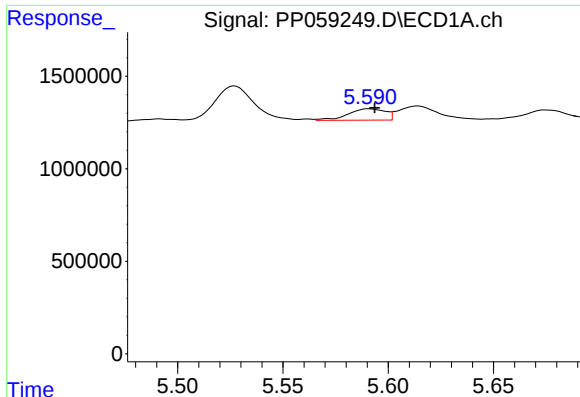
#2 Decachlorobiphenyl

R.T.: 10.207 min
Delta R.T.: -0.004 min
Response: 18489557
Conc: 24.23 ng/ml



#2 Decachlorobiphenyl

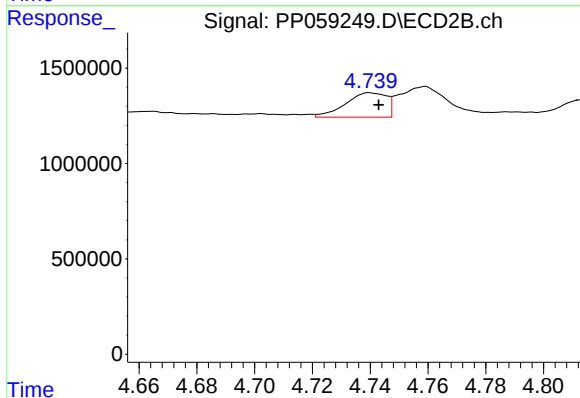
R.T.: 8.682 min
Delta R.T.: -0.006 min
Response: 32585891
Conc: 23.16 ng/ml



#3 AR-1016-1

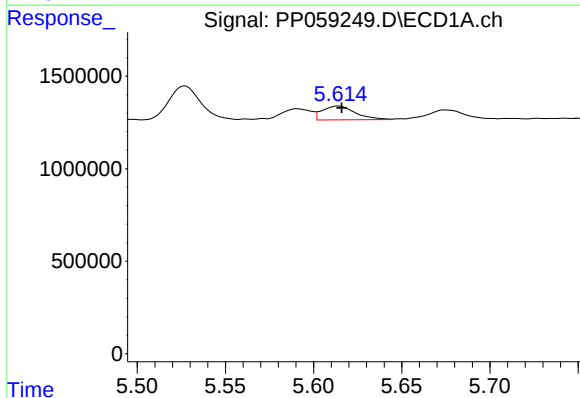
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 756819
Conc: 19.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



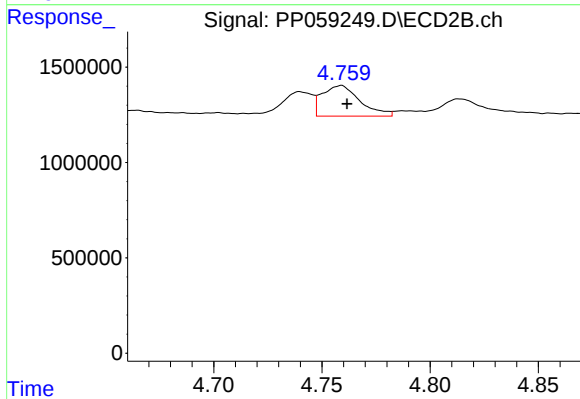
#3 AR-1016-1

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 1264315
Conc: 19.71 ng/ml



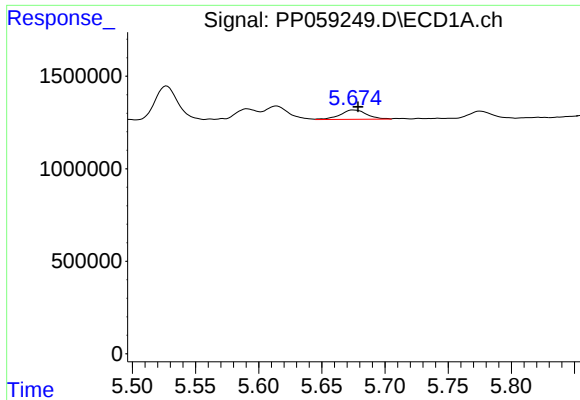
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 980150
Conc: 17.29 ng/ml



#4 AR-1016-2

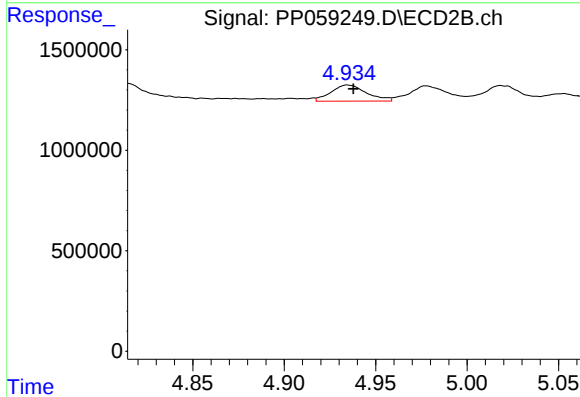
R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 1949002
Conc: 21.46 ng/ml



#5 AR-1016-3

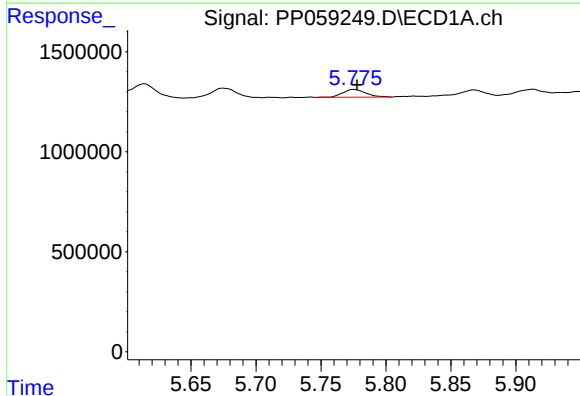
R.T.: 5.675 min
Delta R.T.: -0.004 min
Response: 733420
Conc: 20.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



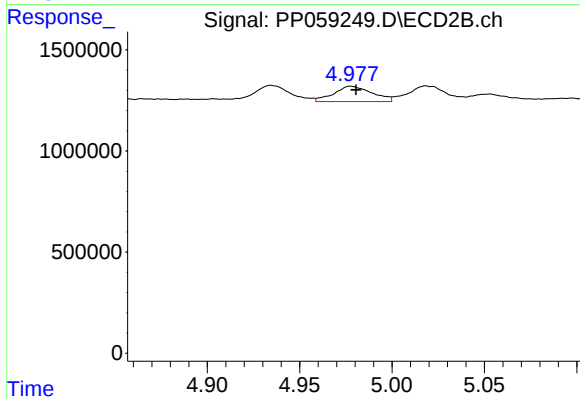
#5 AR-1016-3

R.T.: 4.934 min
Delta R.T.: -0.003 min
Response: 1088027
Conc: 22.64 ng/ml



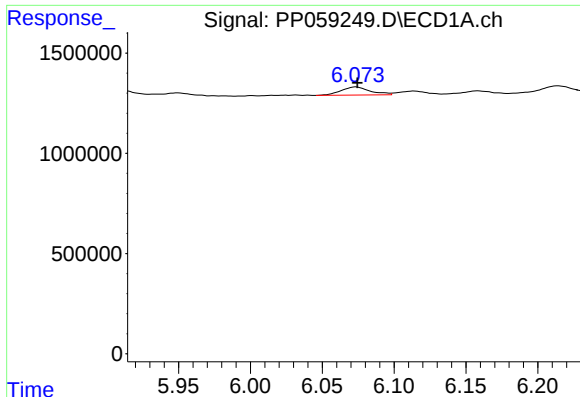
#6 AR-1016-4

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 484413
Conc: 16.72 ng/ml



#6 AR-1016-4

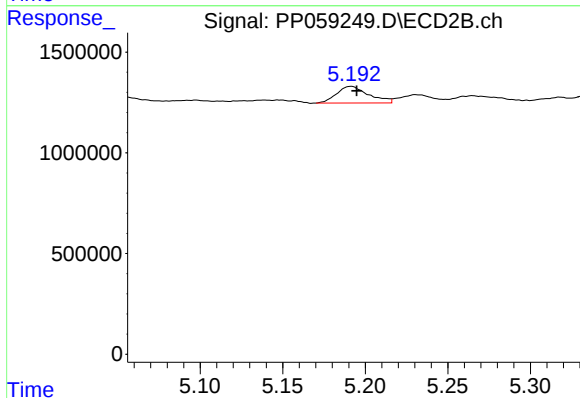
R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 1096648
Conc: 26.56 ng/ml



#7 AR-1016-5

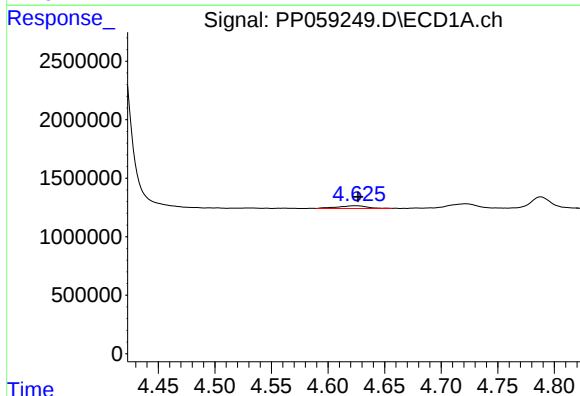
R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 565397
Conc: 18.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



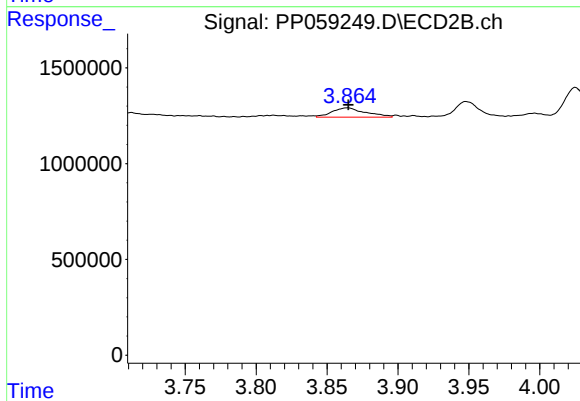
#7 AR-1016-5

R.T.: 5.192 min
Delta R.T.: -0.003 min
Response: 1112010
Conc: 21.37 ng/ml



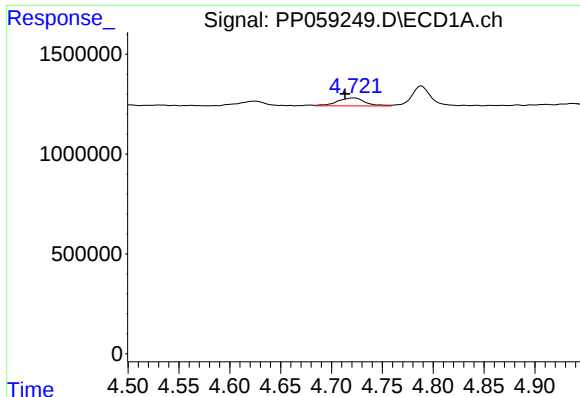
#8 AR-1221-1

R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 430515
Conc: 27.33 ng/ml



#8 AR-1221-1

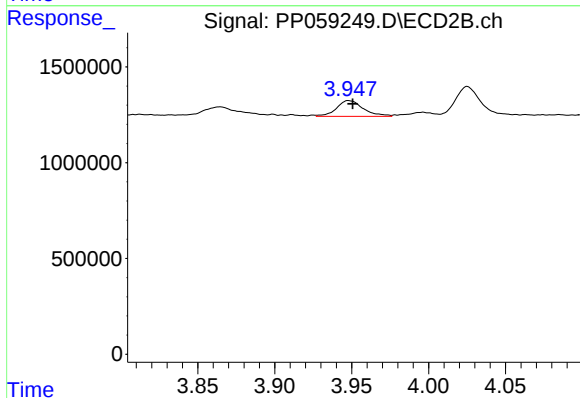
R.T.: 3.864 min
Delta R.T.: 0.000 min
Response: 802571
Conc: 29.56 ng/ml



#9 AR-1221-2

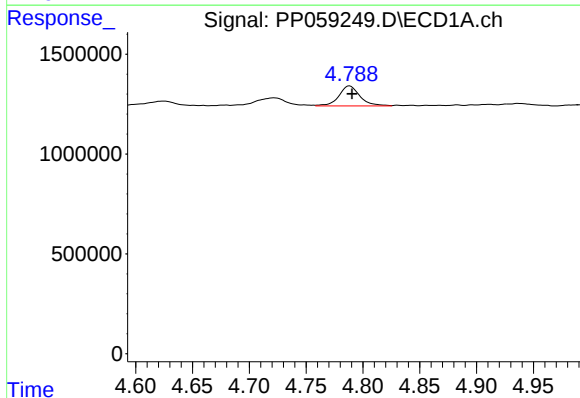
R.T.: 4.722 min
Delta R.T.: 0.008 min
Response: 760837
Conc: 64.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



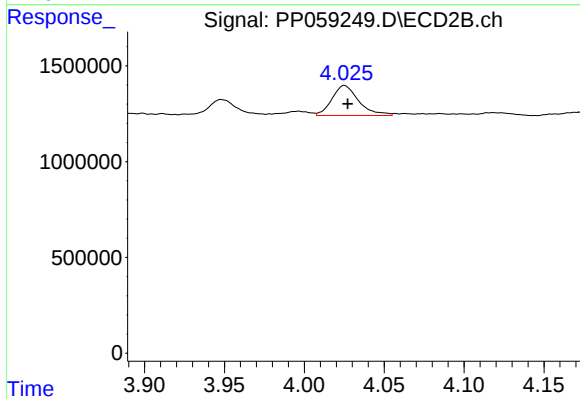
#9 AR-1221-2

R.T.: 3.948 min
Delta R.T.: -0.003 min
Response: 999452
Conc: 50.20 ng/ml



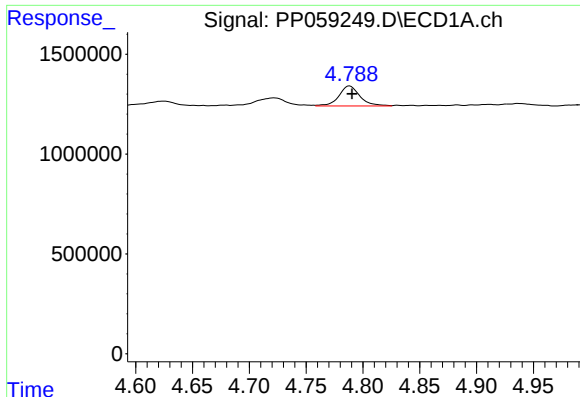
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 1288173
Conc: 36.58 ng/ml



#10 AR-1221-3

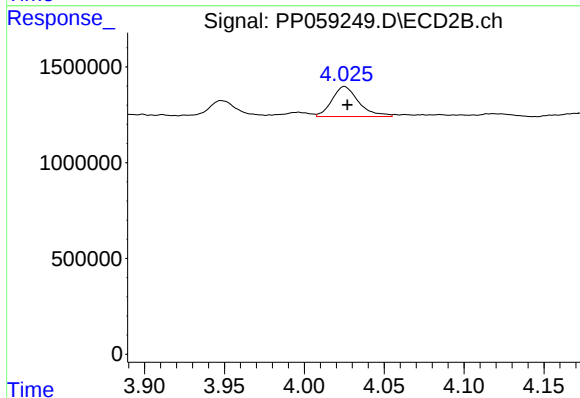
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 1828911
Conc: 30.72 ng/ml



#11 AR-1232-1

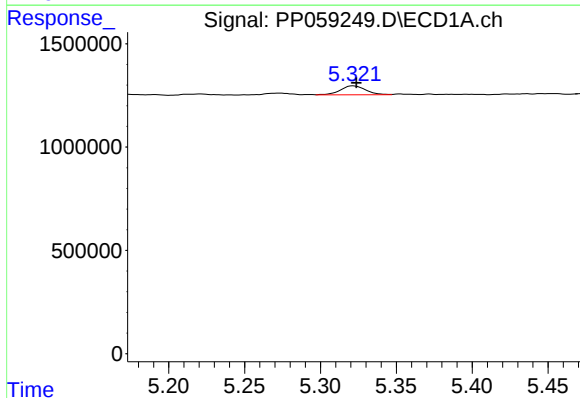
R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 1288173
Conc: 43.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



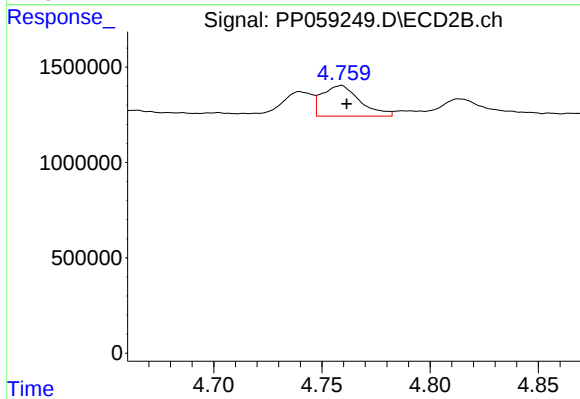
#11 AR-1232-1

R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 1828911
Conc: 38.55 ng/ml



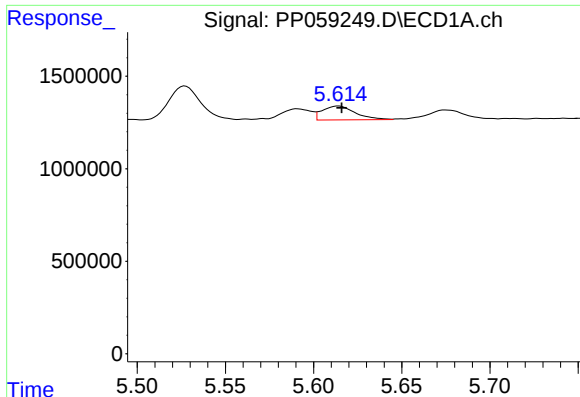
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: -0.002 min
Response: 504878
Conc: 32.39 ng/ml



#12 AR-1232-2

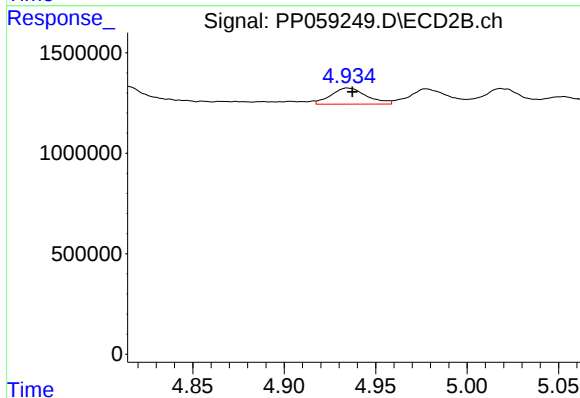
R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 1949002
Conc: 45.95 ng/ml



#13 AR-1232-3

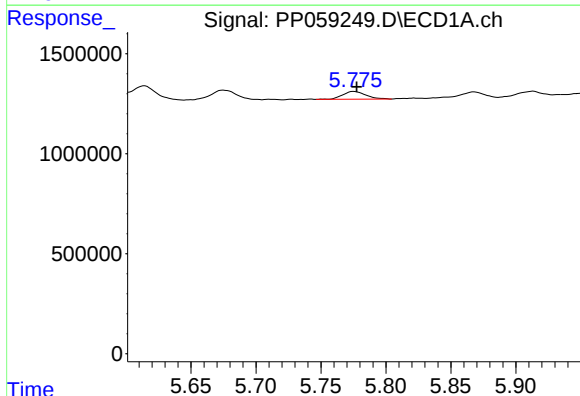
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 980150
Conc: 37.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



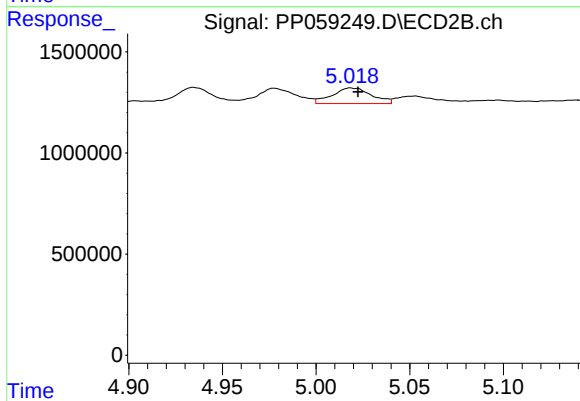
#13 AR-1232-3

R.T.: 4.934 min
Delta R.T.: -0.003 min
Response: 1088027
Conc: 49.04 ng/ml



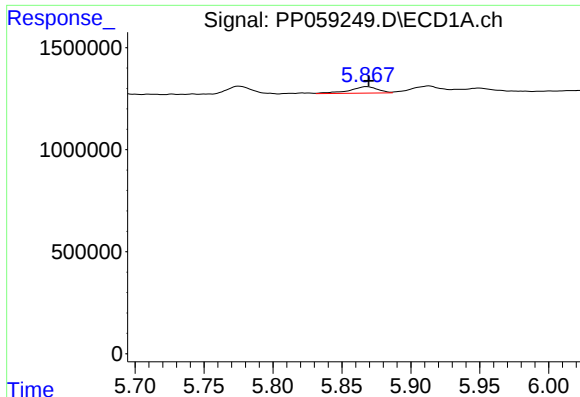
#14 AR-1232-4

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 484413
Conc: 36.60 ng/ml



#14 AR-1232-4

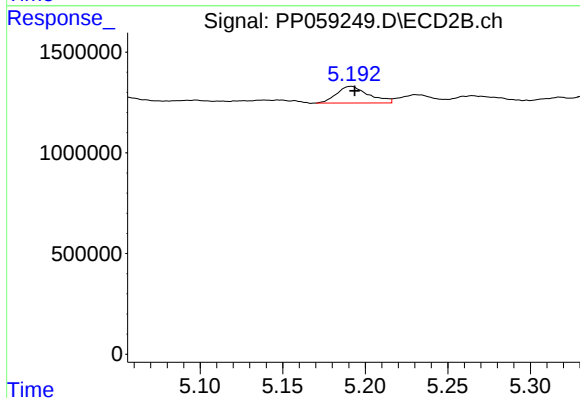
R.T.: 5.018 min
Delta R.T.: -0.004 min
Response: 1123632
Conc: 53.22 ng/ml



#15 AR-1232-5

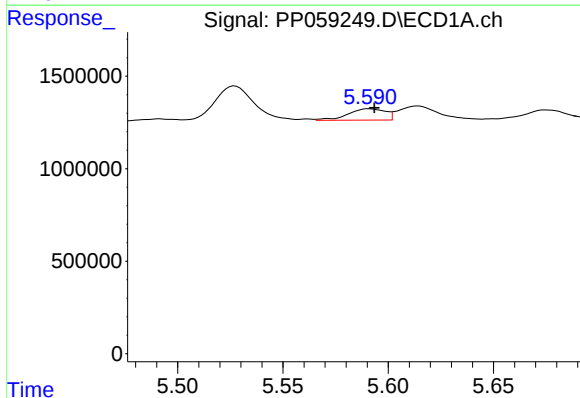
R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 451031
Conc: 39.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



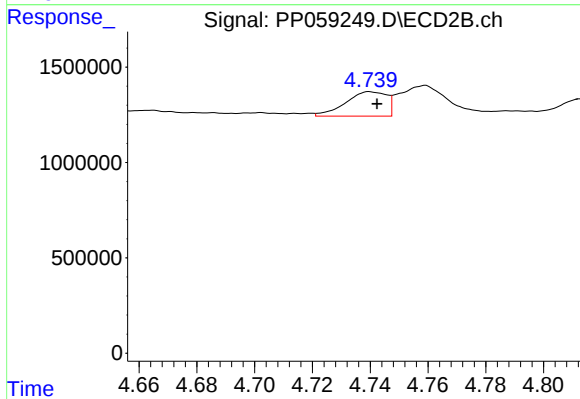
#15 AR-1232-5

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 1112010
Conc: 48.51 ng/ml



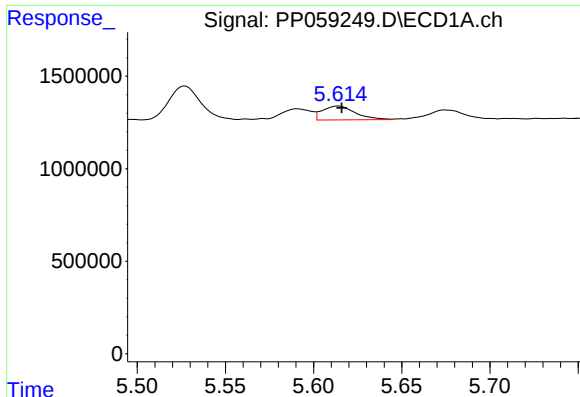
#16 AR-1242-1

R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 756819
Conc: 22.11 ng/ml



#16 AR-1242-1

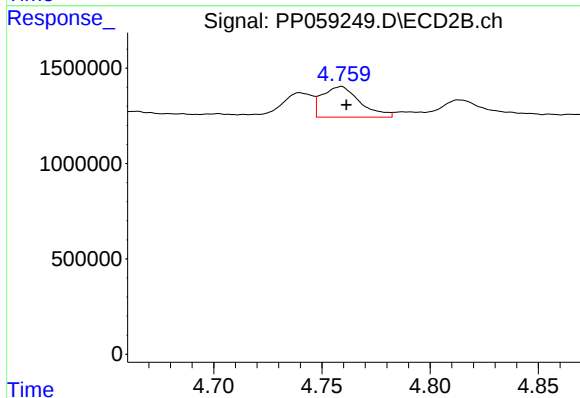
R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 1264315
Conc: 22.59 ng/ml



#17 AR-1242-2

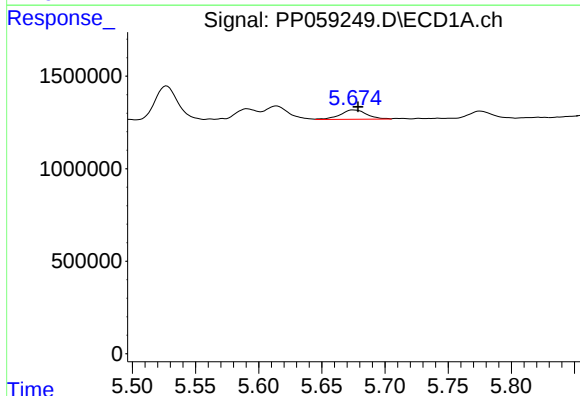
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 980150
Conc: 19.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



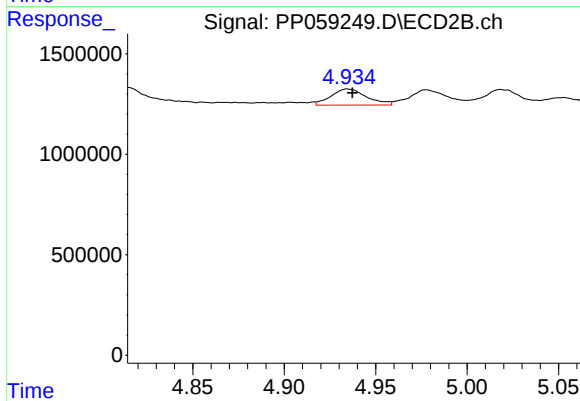
#17 AR-1242-2

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 1949002
Conc: 24.44 ng/ml



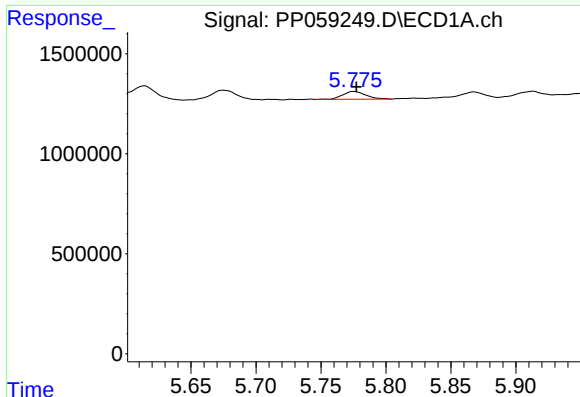
#18 AR-1242-3

R.T.: 5.675 min
Delta R.T.: -0.004 min
Response: 733420
Conc: 23.34 ng/ml



#18 AR-1242-3

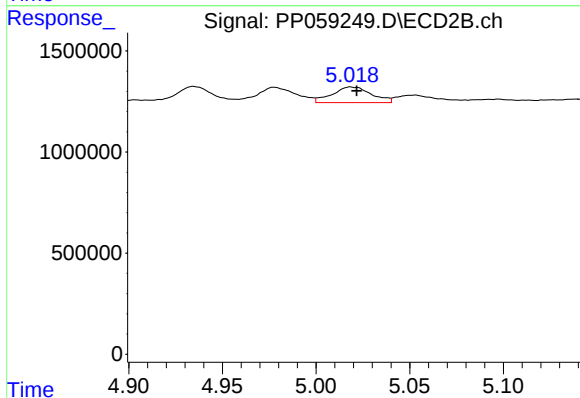
R.T.: 4.934 min
Delta R.T.: -0.003 min
Response: 1088027
Conc: 25.53 ng/ml



#19 AR-1242-4

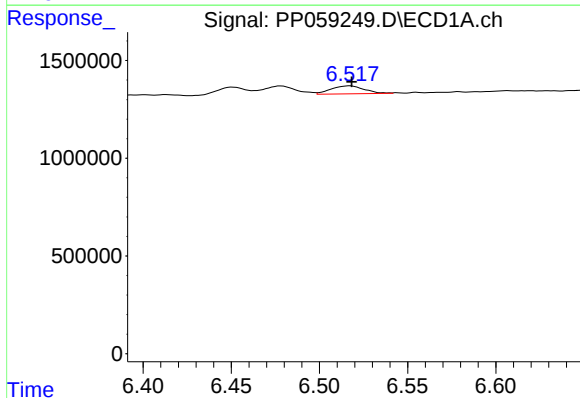
R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 484413
Conc: 18.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



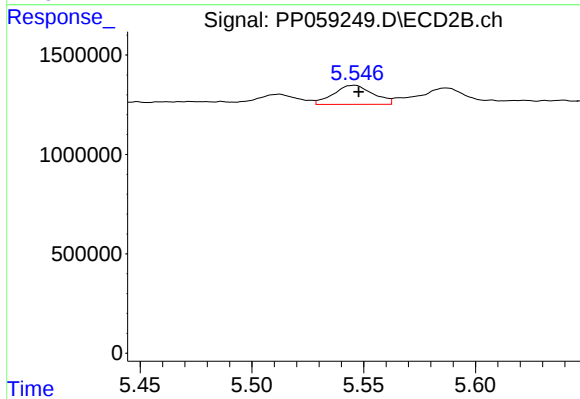
#19 AR-1242-4

R.T.: 5.018 min
Delta R.T.: -0.003 min
Response: 1123632
Conc: 25.73 ng/ml



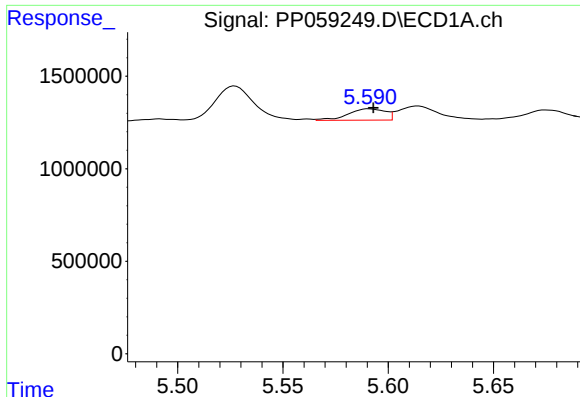
#20 AR-1242-5

R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 536012
Conc: 20.75 ng/ml



#20 AR-1242-5

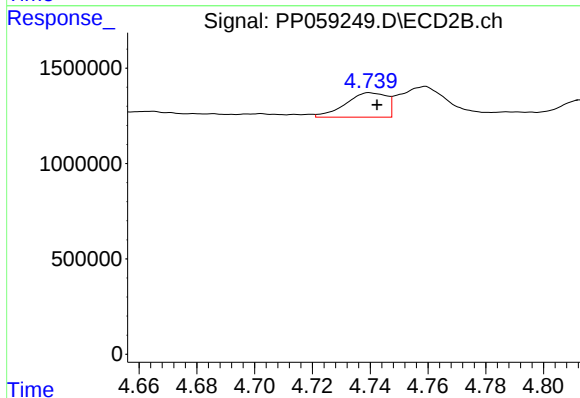
R.T.: 5.546 min
Delta R.T.: -0.001 min
Response: 1179404
Conc: 23.74 ng/ml



#21 AR-1248-1

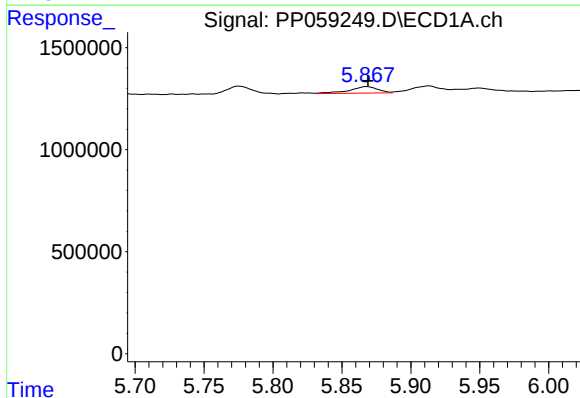
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 756819
Conc: 29.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



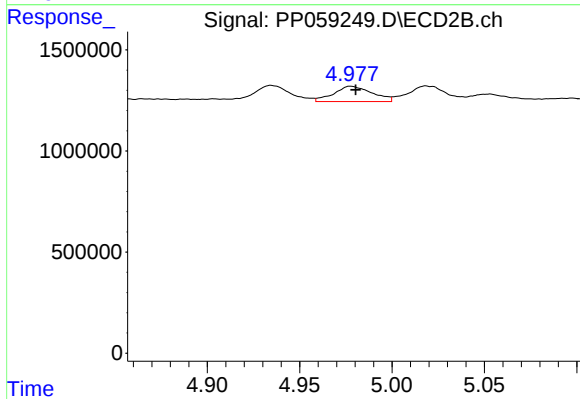
#21 AR-1248-1

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 1264315
Conc: 30.73 ng/ml



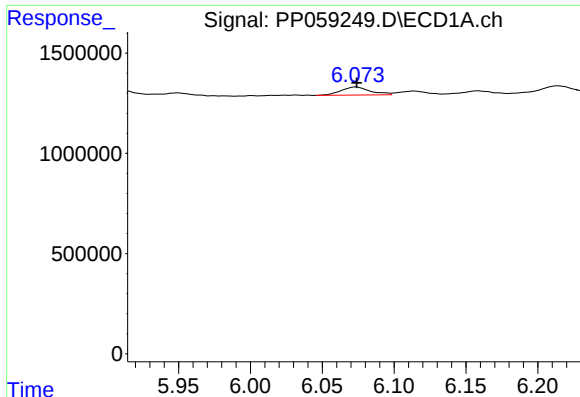
#22 AR-1248-2

R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 451031
Conc: 11.65 ng/ml



#22 AR-1248-2

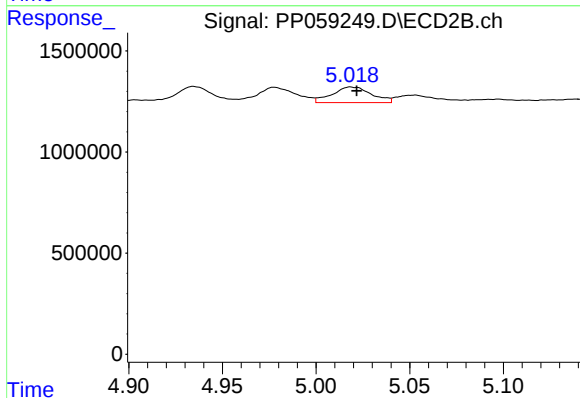
R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 1096648
Conc: 18.21 ng/ml



#23 AR-1248-3

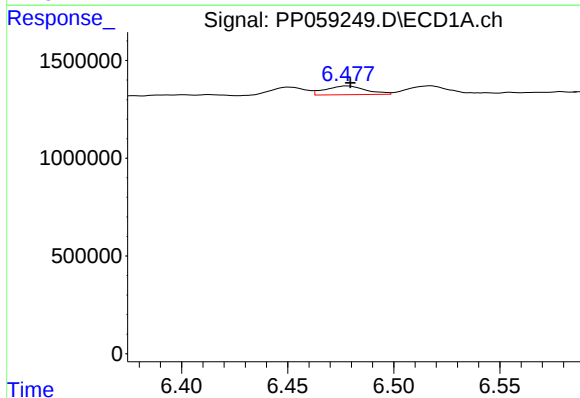
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 565397
Conc: 13.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



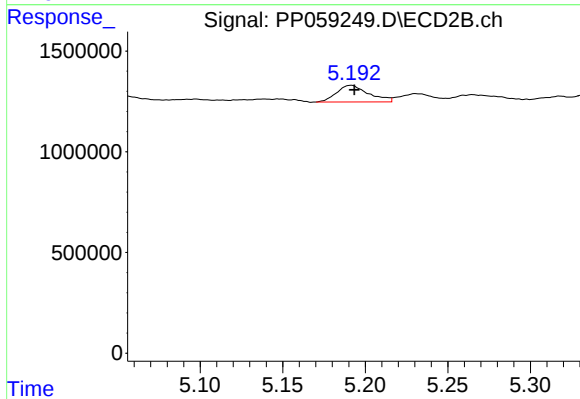
#23 AR-1248-3

R.T.: 5.018 min
Delta R.T.: -0.003 min
Response: 1123632
Conc: 18.24 ng/ml



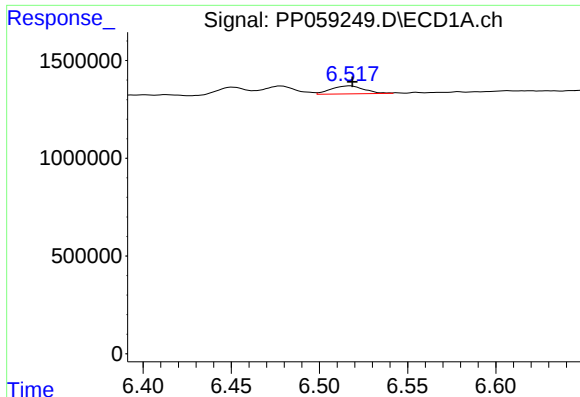
#24 AR-1248-4

R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 584932
Conc: 14.05 ng/ml



#24 AR-1248-4

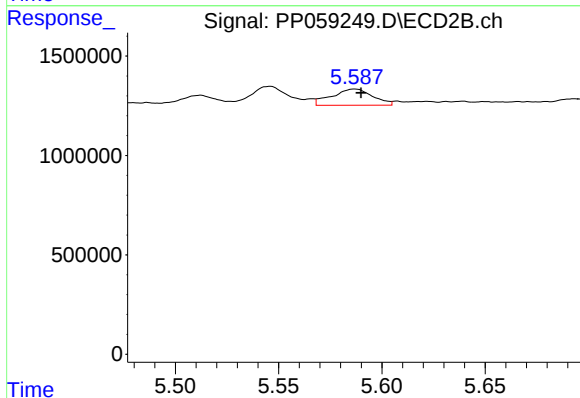
R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 1112010
Conc: 15.45 ng/ml



#25 AR-1248-5

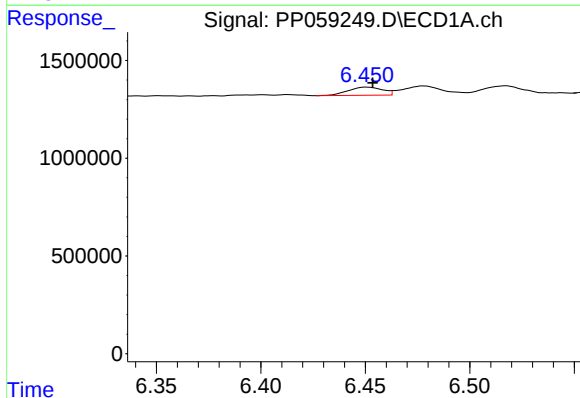
R.T.: 6.517 min
Delta R.T.: -0.001 min
Response: 536012
Conc: 13.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



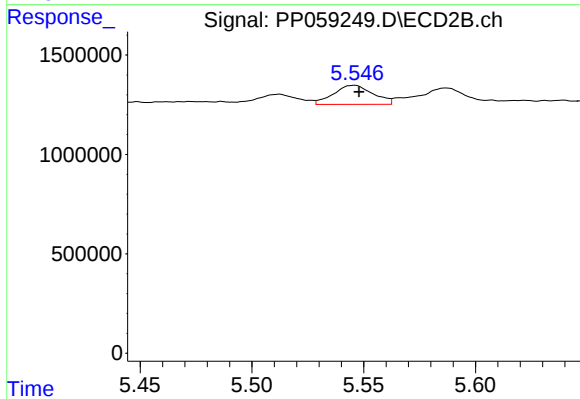
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: -0.003 min
Response: 1123447
Conc: 17.03 ng/ml



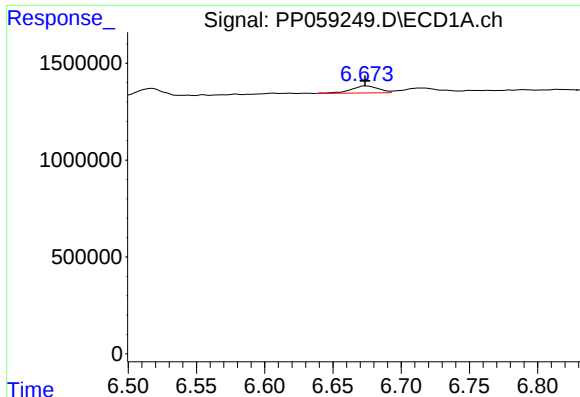
#26 AR-1254-1

R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 473596
Conc: 10.14 ng/ml



#26 AR-1254-1

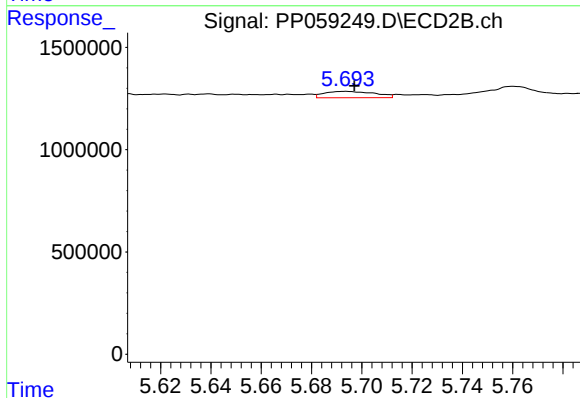
R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 1179404
Conc: 11.64 ng/ml



#27 AR-1254-2

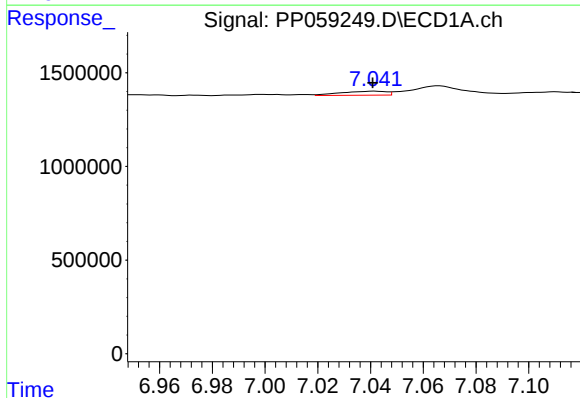
R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 509064
Conc: 7.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



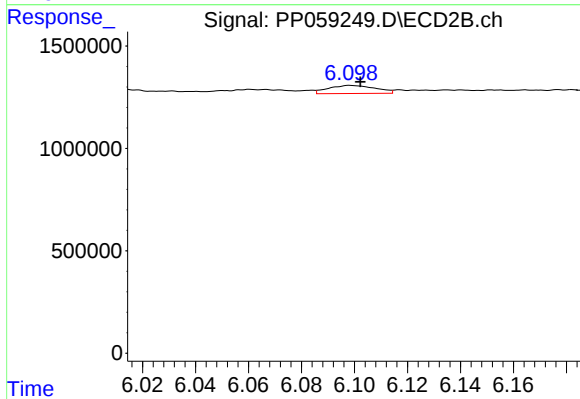
#27 AR-1254-2

R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 435374
Conc: 4.93 ng/ml



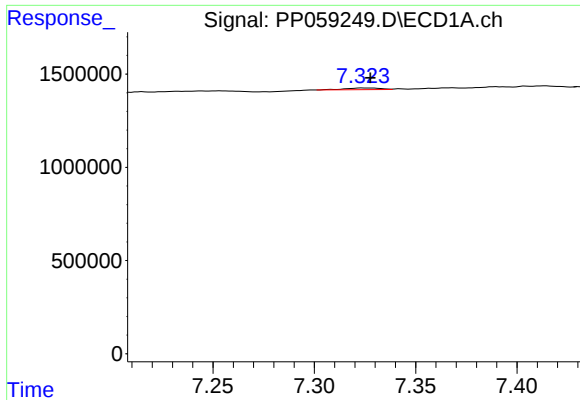
#28 AR-1254-3

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 255800
Conc: 3.71 ng/ml



#28 AR-1254-3

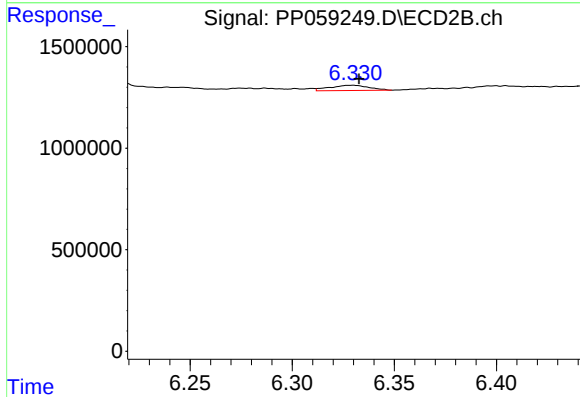
R.T.: 6.098 min
Delta R.T.: -0.004 min
Response: 485219
Conc: 3.51 ng/ml



#29 AR-1254-4

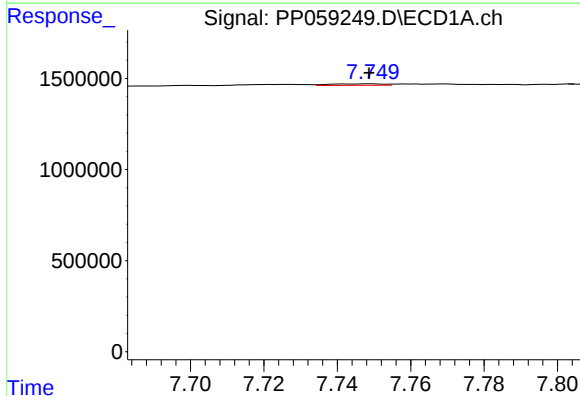
R.T.: 7.324 min
Delta R.T.: -0.004 min
Response: 114843
Conc: 2.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



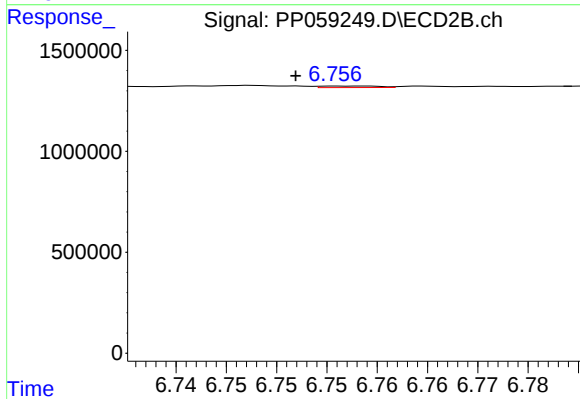
#29 AR-1254-4

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 344283
Conc: 4.28 ng/ml



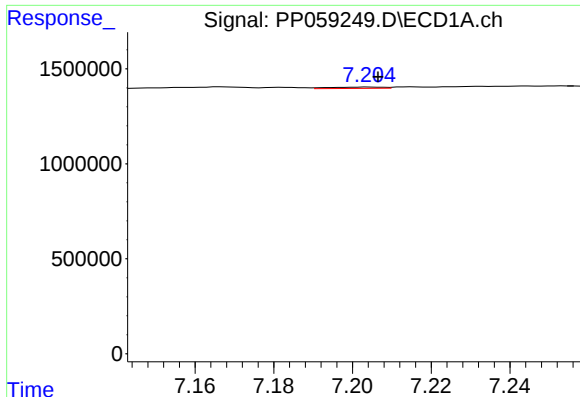
#30 AR-1254-5

R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 83092
Conc: 1.77 ng/ml



#30 AR-1254-5

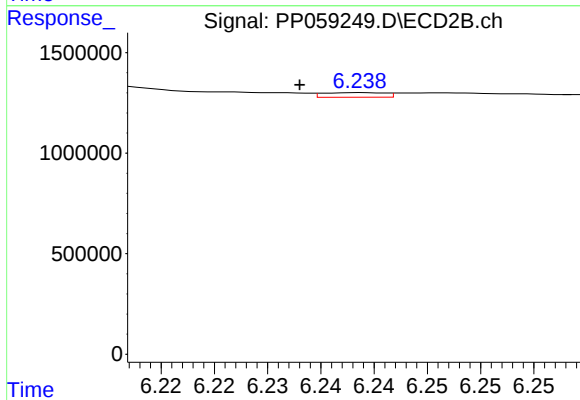
R.T.: 6.756 min
Delta R.T.: 0.004 min
Response: 30650
Conc: 0.26 ng/ml



#31 AR-1260-1

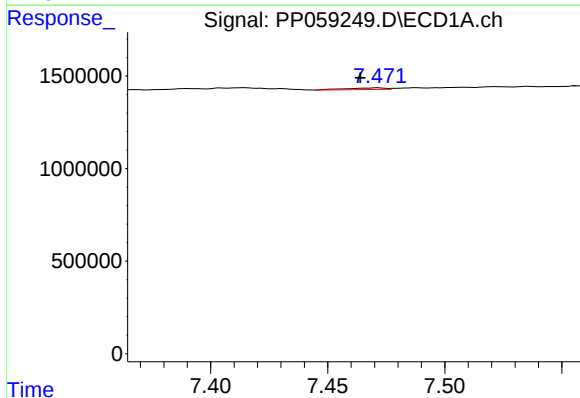
R.T.: 7.204 min
Delta R.T.: -0.002 min
Response: 66036
Conc: 1.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



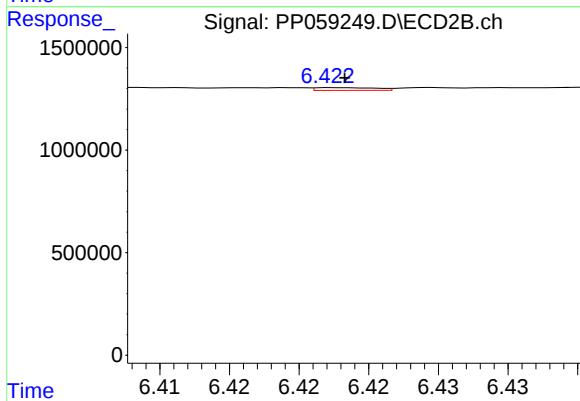
#31 AR-1260-1

R.T.: 6.239 min
Delta R.T.: 0.006 min
Response: 93788
Conc: 0.95 ng/ml



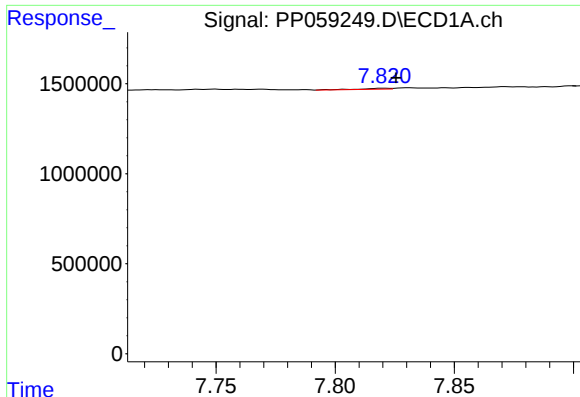
#32 AR-1260-2

R.T.: 7.471 min
Delta R.T.: 0.007 min
Response: 99606
Conc: 1.67 ng/ml



#32 AR-1260-2

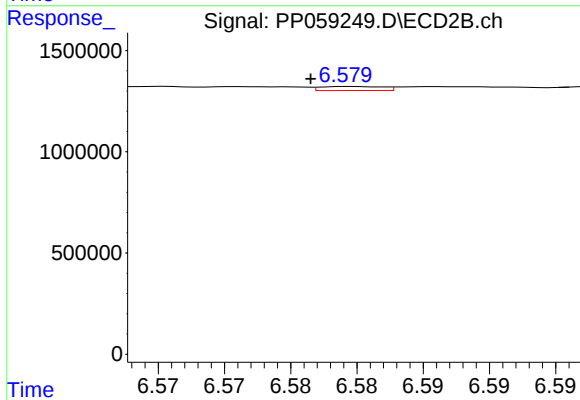
R.T.: 6.423 min
Delta R.T.: 0.000 min
Response: 41143
Conc: 0.36 ng/ml



#33 AR-1260-3

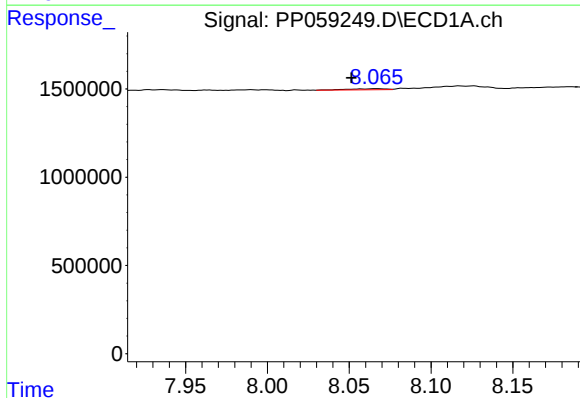
R.T.: 7.820 min
Delta R.T.: -0.005 min
Response: 47492
Conc: 1.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



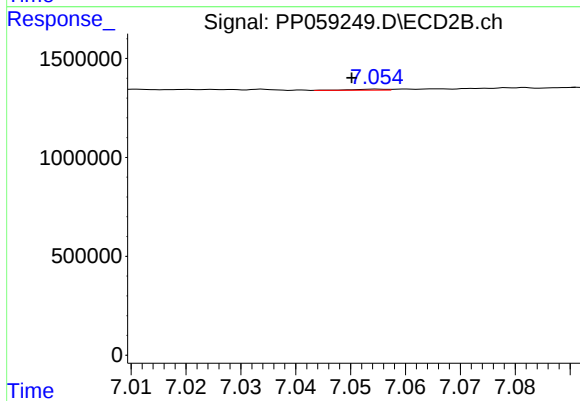
#33 AR-1260-3

R.T.: 6.580 min
Delta R.T.: 0.003 min
Response: 65113
Conc: 0.59 ng/ml



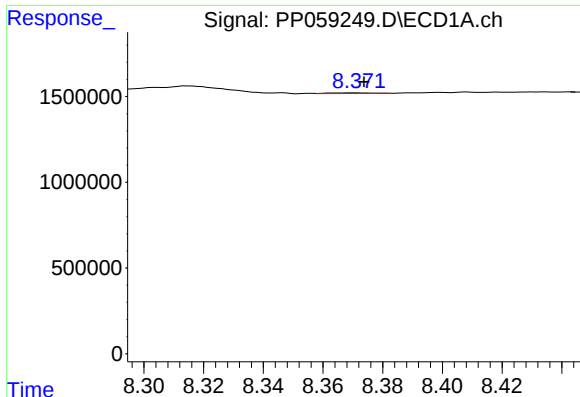
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: 0.016 min
Response: 104662
Conc: 2.36 ng/ml



#34 AR-1260-4

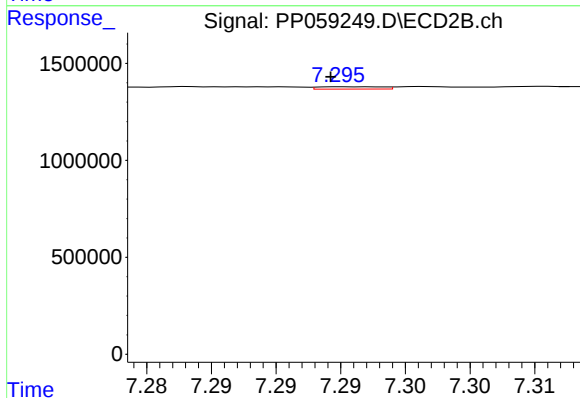
R.T.: 7.055 min
Delta R.T.: 0.004 min
Response: 24774
Conc: 0.29 ng/ml



#35 AR-1260-5

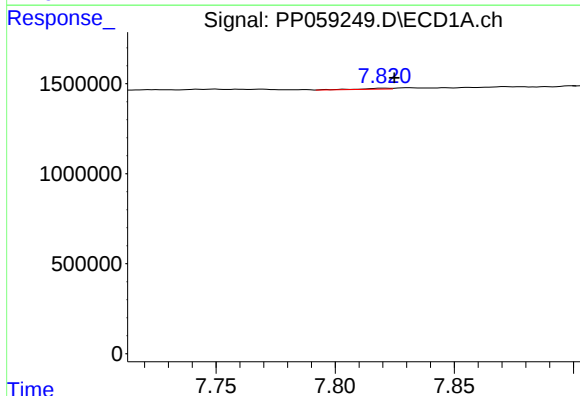
R.T.: 8.372 min
Delta R.T.: -0.002 min
Response: 33186
Conc: 0.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



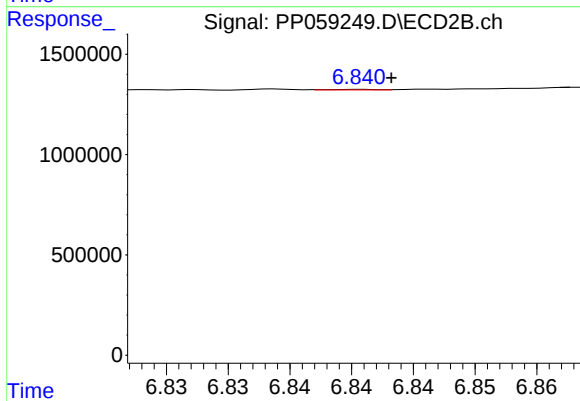
#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: 0.001 min
Response: 42131
Conc: 0.23 ng/ml



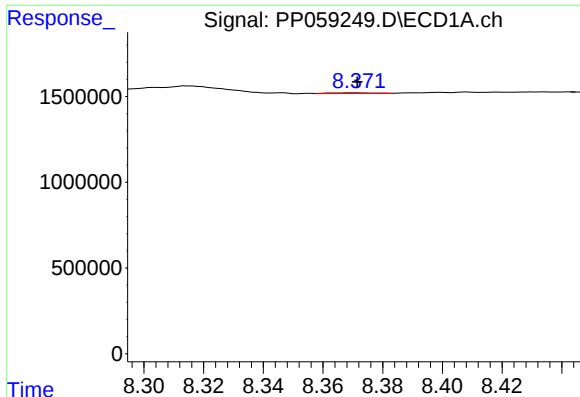
#36 AR-1262-1

R.T.: 7.820 min
Delta R.T.: -0.005 min
Response: 47492
Conc: 0.75 ng/ml



#36 AR-1262-1

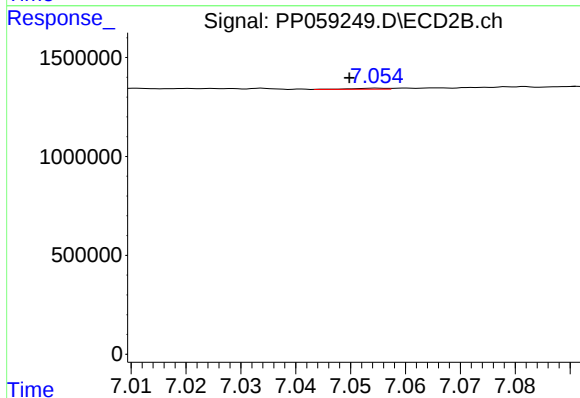
R.T.: 6.841 min
Delta R.T.: -0.002 min
Response: 7535
Conc: 0.13 ng/ml



#37 AR-1262-2

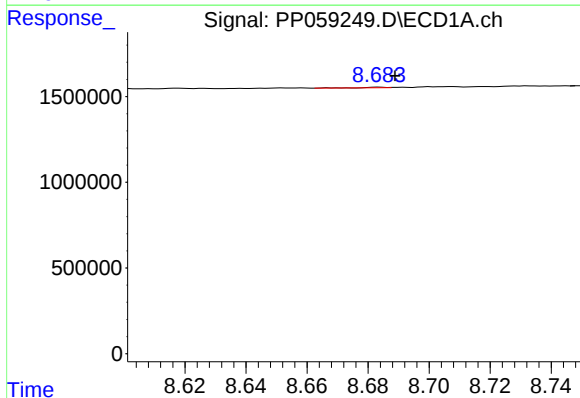
R.T.: 8.372 min
Delta R.T.: 0.000 min
Response: 33186
Conc: 0.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



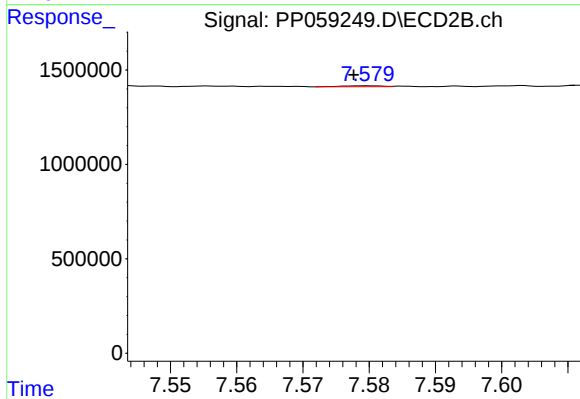
#37 AR-1262-2

R.T.: 7.055 min
Delta R.T.: 0.005 min
Response: 24774
Conc: 0.21 ng/ml



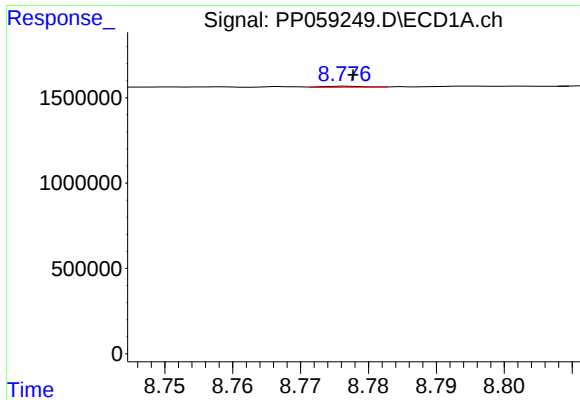
#38 AR-1262-3

R.T.: 8.683 min
Delta R.T.: -0.006 min
Response: 19697
Conc: 0.31 ng/ml



#38 AR-1262-3

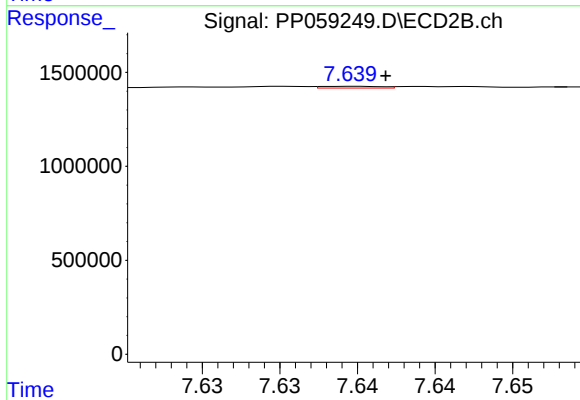
R.T.: 7.580 min
Delta R.T.: 0.002 min
Response: 21929
Conc: 0.26 ng/ml



#39 AR-1262-4

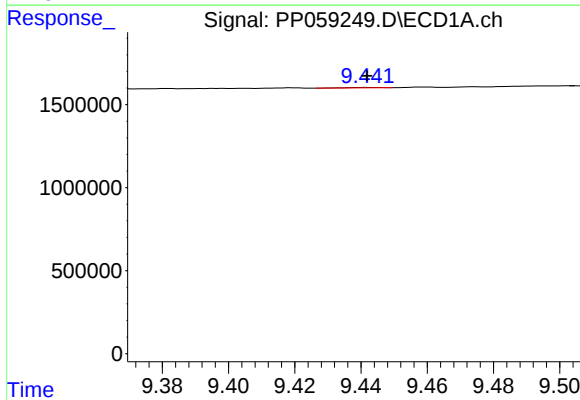
R.T.: 8.777 min
Delta R.T.: 0.000 min
Response: 24358
Conc: 0.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



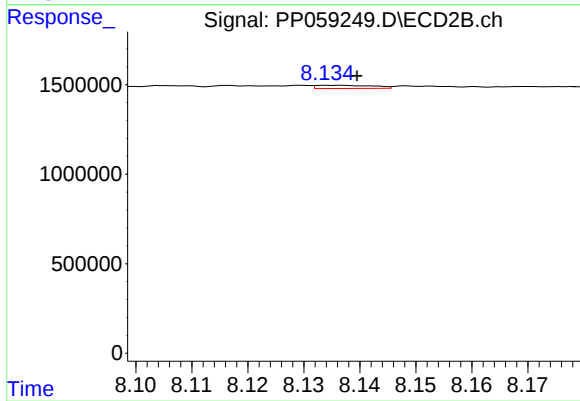
#39 AR-1262-4

R.T.: 7.640 min
Delta R.T.: -0.002 min
Response: 25490
Conc: 0.17 ng/ml



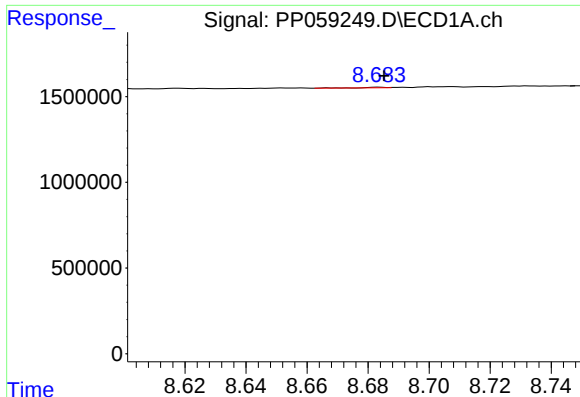
#40 AR-1262-5

R.T.: 9.443 min
Delta R.T.: 0.000 min
Response: 18644
Conc: 0.62 ng/ml



#40 AR-1262-5

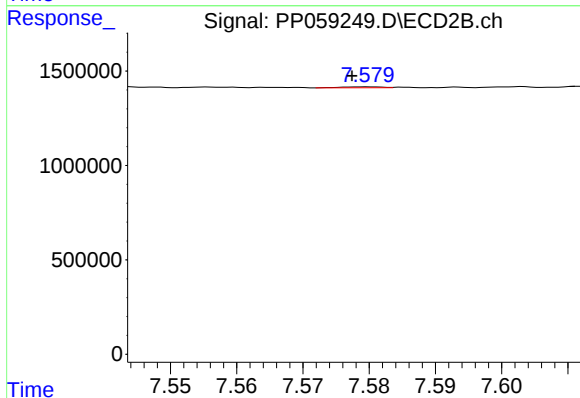
R.T.: 8.134 min
Delta R.T.: -0.005 min
Response: 124028
Conc: 1.94 ng/ml



#41 AR-1268-1

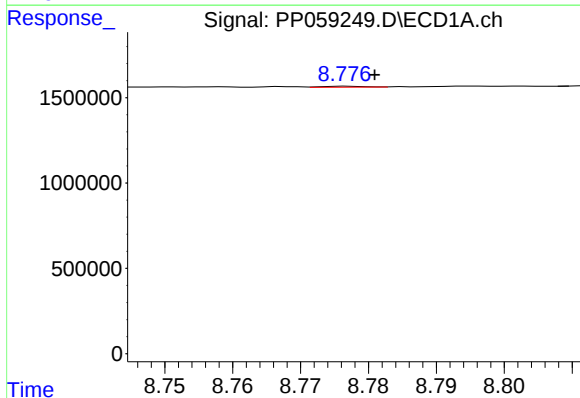
R.T.: 8.683 min
Delta R.T.: -0.002 min
Response: 19697
Conc: 0.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



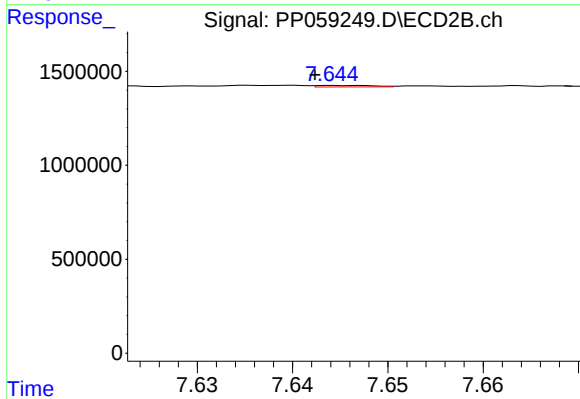
#41 AR-1268-1

R.T.: 7.580 min
Delta R.T.: 0.002 min
Response: 21929
Conc: 0.09 ng/ml



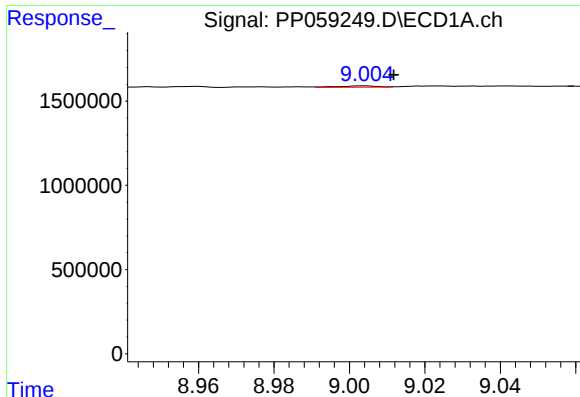
#42 AR-1268-2

R.T.: 8.777 min
Delta R.T.: -0.004 min
Response: 24358
Conc: 0.25 ng/ml



#42 AR-1268-2

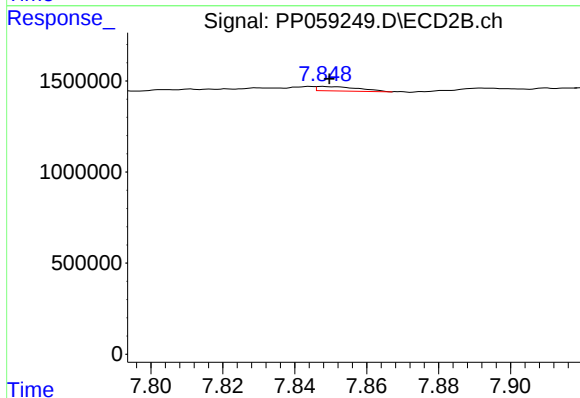
R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 32283
Conc: 0.15 ng/ml



#43 AR-1268-3

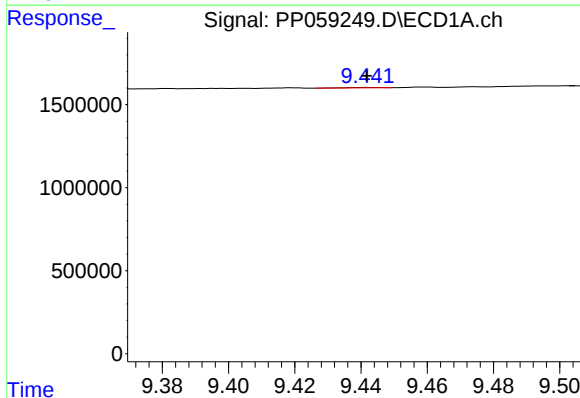
R.T.: 9.004 min
Delta R.T.: -0.008 min
Response: 53446
Conc: 0.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



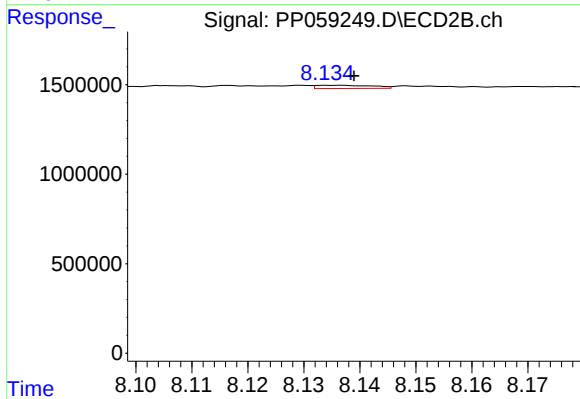
#43 AR-1268-3

R.T.: 7.848 min
Delta R.T.: -0.002 min
Response: 198743
Conc: 1.02 ng/ml



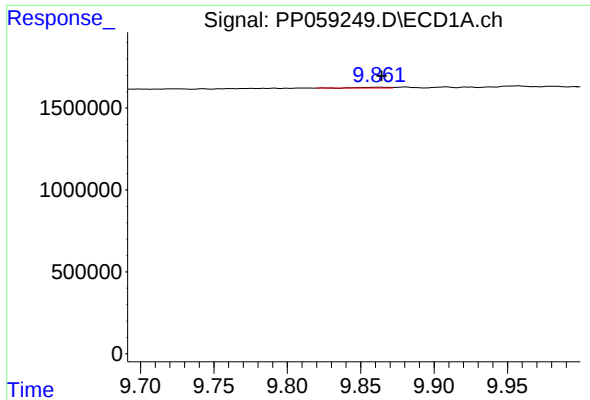
#44 AR-1268-4

R.T.: 9.443 min
Delta R.T.: 0.000 min
Response: 18644
Conc: 0.58 ng/ml



#44 AR-1268-4

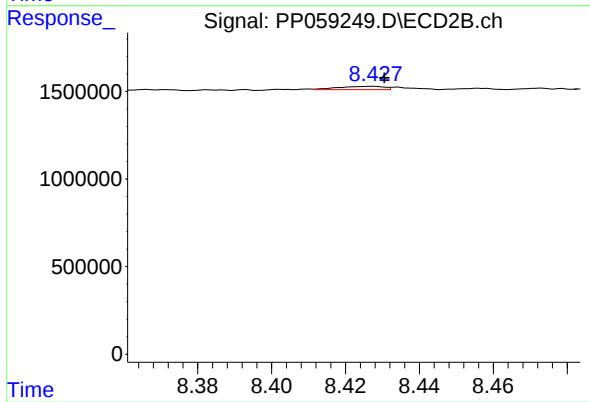
R.T.: 8.134 min
Delta R.T.: -0.005 min
Response: 124028
Conc: 1.78 ng/ml



#45 AR-1268-5

R.T.: 9.861 min
Delta R.T.: -0.004 min
Response: 53917
Conc: 0.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: -0.003 min
Response: 157792
Conc: 0.30 ng/ml