

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080823\
 Data File : PP059223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 00:32
 Operator : YP\AJ
 Sample : 03572-07
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 02:44:56 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	24169802	41319582	19.698	20.393
2)	SA Decachlor...	10.209	8.685	20788804	36812165	27.238	26.167
Target Compounds							
3)	L1 AR-1016-1	5.594	4.741	79141	296652	2.014	4.625 #
4)	L1 AR-1016-2	5.619	4.760	102780	185809	1.813	2.045
5)	L1 AR-1016-3	5.674	4.936	89642	56731	2.499	1.181 #
6)	L1 AR-1016-4	5.777	4.981	27888	137876	0.963	3.339 #
7)	L1 AR-1016-5	6.070	5.195	105981	51620	3.502	0.992 #
8)	L2 AR-1221-1	4.628	3.868	30787	45264	1.954	1.667
9)	L2 AR-1221-2	4.725	3.951	741922	867357	62.827	43.564 #
10)	L2 AR-1221-3	4.790	4.025	417828	120232	11.866	2.020 #
11)	L3 AR-1232-1	4.790	4.025	417828	120232	14.214	2.534 #
12)	L3 AR-1232-2	5.325	4.760	44522	185809	2.856	4.380 #
13)	L3 AR-1232-3	5.619	4.936	102780	56731	3.892	2.557 #
14)	L3 AR-1232-4	5.777	5.023	27888	170745	2.107	8.087 #
15)	L3 AR-1232-5	5.866	5.195	28227	51620	2.473	2.252
16)	L4 AR-1242-1	5.594	4.741	79141	296652	2.312	5.301 #
17)	L4 AR-1242-2	5.619	4.760	102780	185809	2.095	2.330
18)	L4 AR-1242-3	5.674	4.936	89642	56731	2.853	1.331 #
19)	L4 AR-1242-4	5.777	5.023	27888	170745	1.087	3.910 #
20)	L4 AR-1242-5	6.516	5.547	106691	206794	4.130	4.163
21)	L5 AR-1248-1	5.594	4.741	79141	296652	3.118	7.211 #
22)	L5 AR-1248-2	5.866	4.981	28227	137876	0.729	2.290 #
23)	L5 AR-1248-3	6.070	5.023	105981	170745	2.509	2.771
24)	L5 AR-1248-4	6.476	5.195	110409	51620	2.652	0.717 #
25)	L5 AR-1248-5	6.516	5.593	106691	93986	2.616	1.424 #
26)	L6 AR-1254-1	6.452	5.547	234449	206794	5.019	2.041 #
27)	L6 AR-1254-2	6.678	5.696	192323	151463	2.795	1.716 #
28)	L6 AR-1254-3	7.045	6.099	374849	102468	5.431	0.741 #
29)	L6 AR-1254-4	7.332	6.333	29753	47860	0.661	0.595
30)	L6 AR-1254-5	7.753	6.753	94966	38496	2.021	0.322 #
31)	L7 AR-1260-1	7.191	6.233	43718	102690	0.799	1.037 #
32)	L7 AR-1260-2	7.487f	6.426	233357	72348	3.919	0.625 #
33)	L7 AR-1260-3	7.825	6.579	725285	257293	18.429	2.313 #
34)	L7 AR-1260-4	8.071f	7.046	845134	1926078	19.029	22.217
35)	L7 AR-1260-5	8.373	7.292	270139	1305186	3.378	7.081 #
36)	L8 AR-1262-1	7.825	6.842	725285	39131	11.387	0.680 #
37)	L8 AR-1262-2	8.373	7.046	270139	1926078	2.942	16.323 #
38)	L8 AR-1262-3	8.686	7.577	2917611	6527432	45.338	76.704 #
39)	L8 AR-1262-4	8.779	7.642	2606755	5815275	78.501	38.496 #
40)	L8 AR-1262-5	9.442	8.138	804821	2534915	26.970	39.747 #
41)	L9 AR-1268-1	8.686	7.577	2917611	6527432	25.690	26.768

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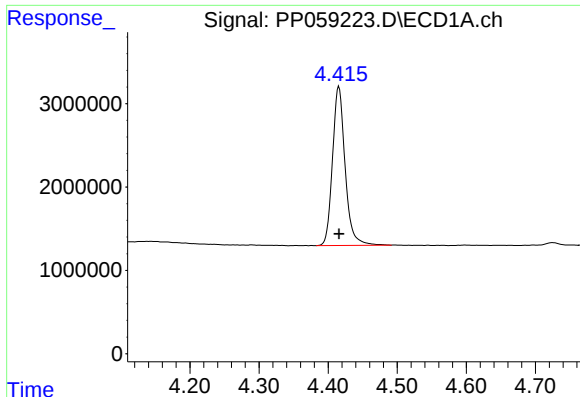
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
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 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	8.779	7.642	2606755	5815275	26.487	26.551
43) L9	AR-1268-3	9.012	7.849	2509300	5995729	27.067	30.663
44) L9	AR-1268-4	9.442	8.138	804821	2534915	25.229	36.426 #
45) L9	AR-1268-5	9.864	8.430	7097036	13359588	26.144	25.770

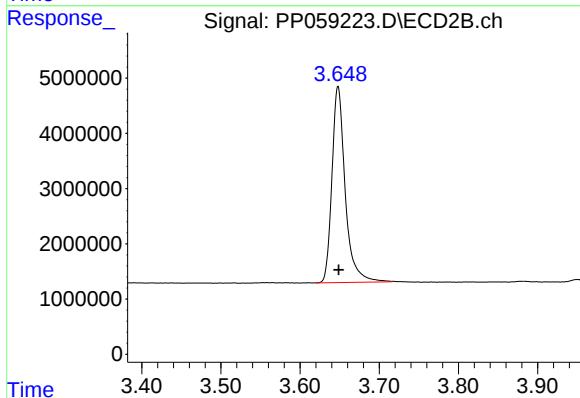
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

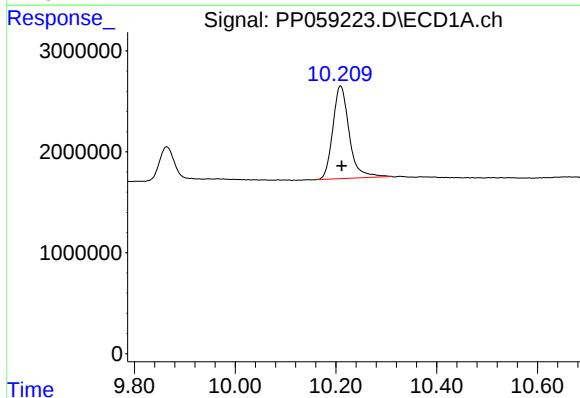
R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 24169802
Conc: 19.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



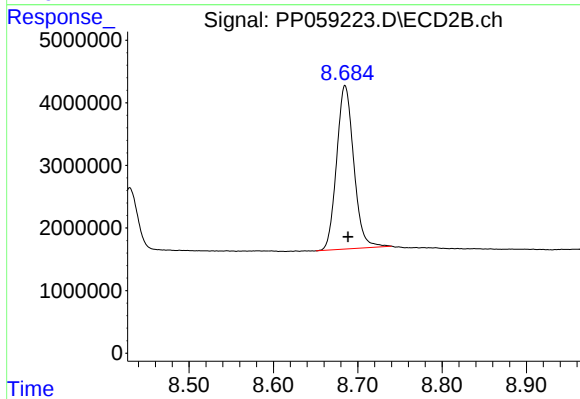
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 41319582
Conc: 20.39 ng/ml



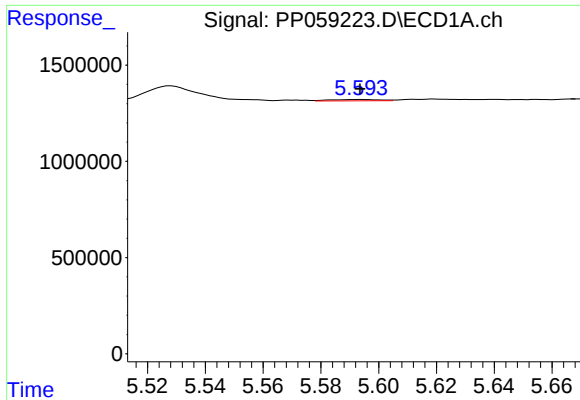
#2 Decachlorobiphenyl

R.T.: 10.209 min
Delta R.T.: -0.002 min
Response: 20788804
Conc: 27.24 ng/ml



#2 Decachlorobiphenyl

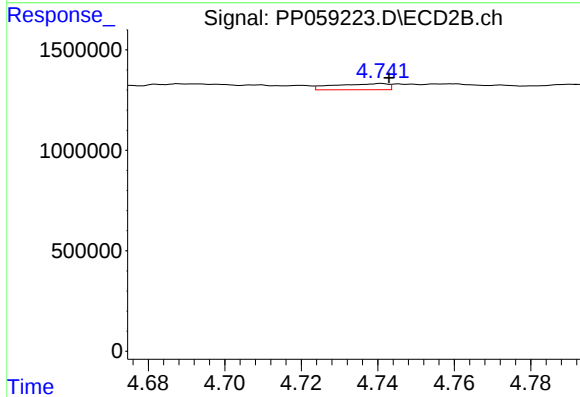
R.T.: 8.685 min
Delta R.T.: -0.004 min
Response: 36812165
Conc: 26.17 ng/ml



#3 AR-1016-1

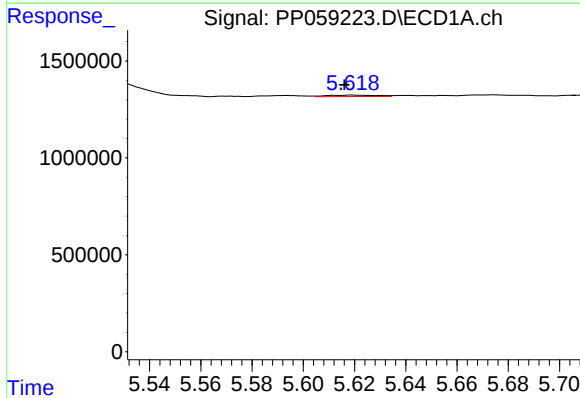
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 79141
Conc: 2.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



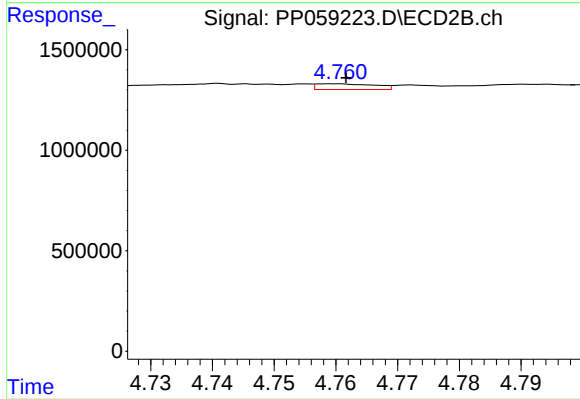
#3 AR-1016-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 296652
Conc: 4.63 ng/ml



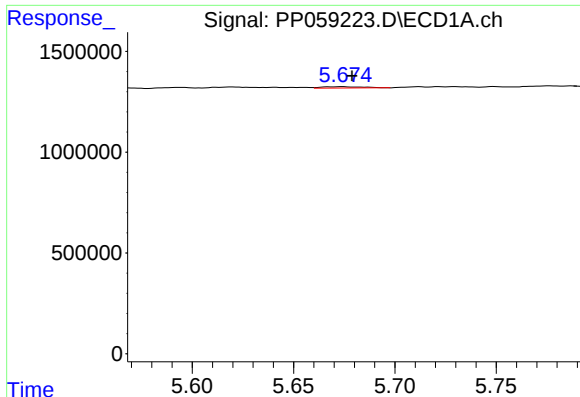
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: 0.003 min
Response: 102780
Conc: 1.81 ng/ml



#4 AR-1016-2

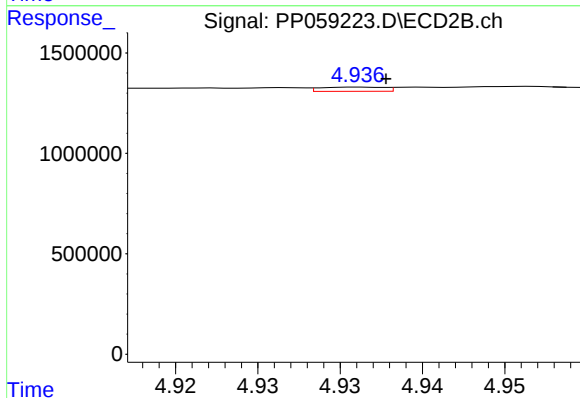
R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 185809
Conc: 2.05 ng/ml



#5 AR-1016-3

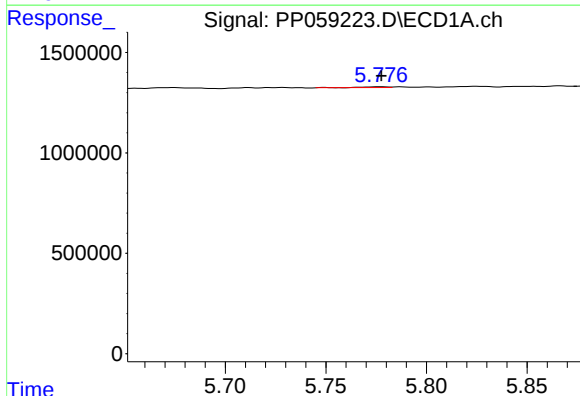
R.T.: 5.674 min
Delta R.T.: -0.004 min
Response: 89642
Conc: 2.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



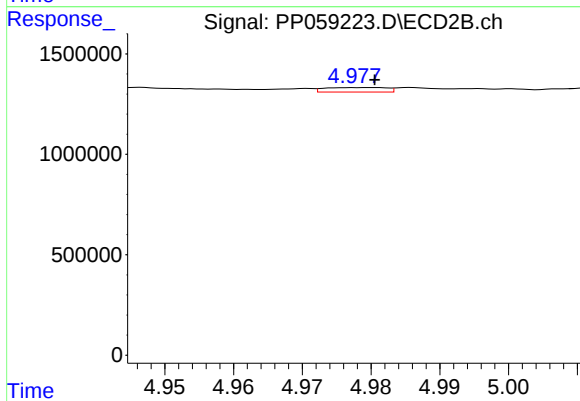
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: -0.001 min
Response: 56731
Conc: 1.18 ng/ml



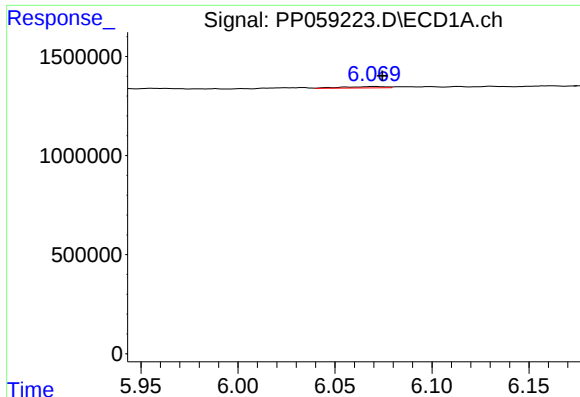
#6 AR-1016-4

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 27888
Conc: 0.96 ng/ml



#6 AR-1016-4

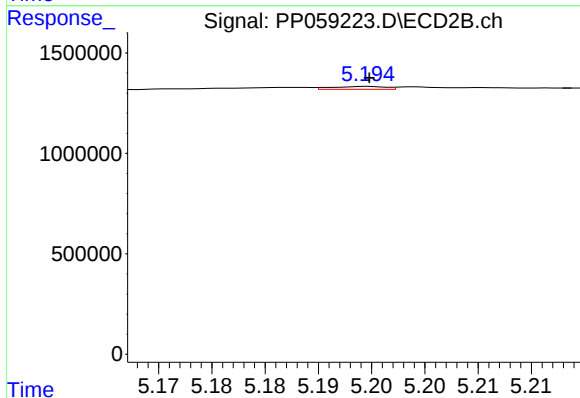
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 137876
Conc: 3.34 ng/ml



#7 AR-1016-5

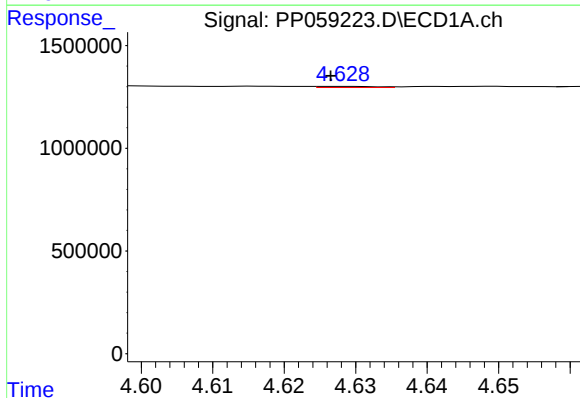
R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 105981
Conc: 3.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



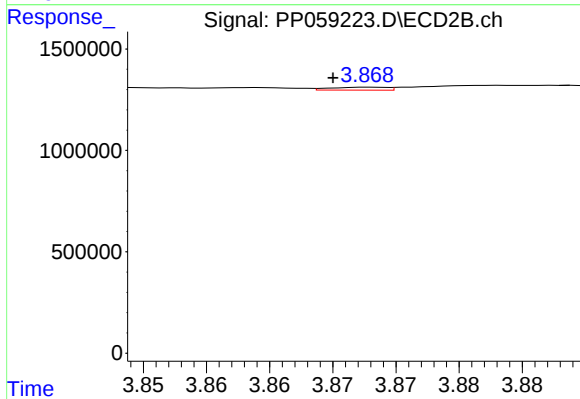
#7 AR-1016-5

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 51620
Conc: 0.99 ng/ml



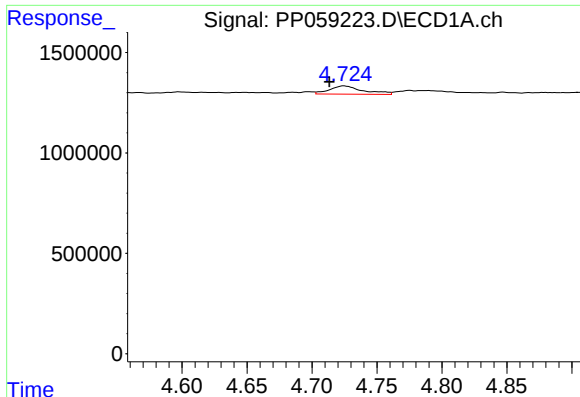
#8 AR-1221-1

R.T.: 4.628 min
Delta R.T.: 0.002 min
Response: 30787
Conc: 1.95 ng/ml



#8 AR-1221-1

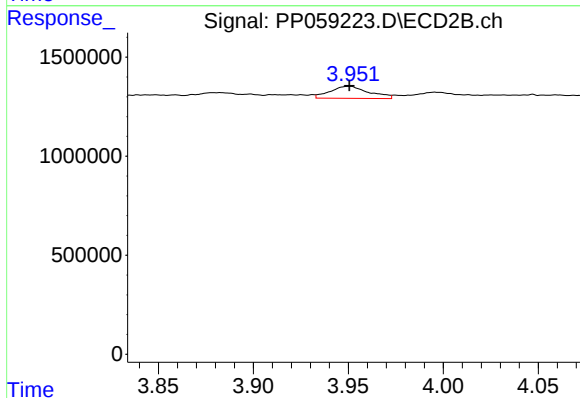
R.T.: 3.868 min
Delta R.T.: 0.003 min
Response: 45264
Conc: 1.67 ng/ml



#9 AR-1221-2

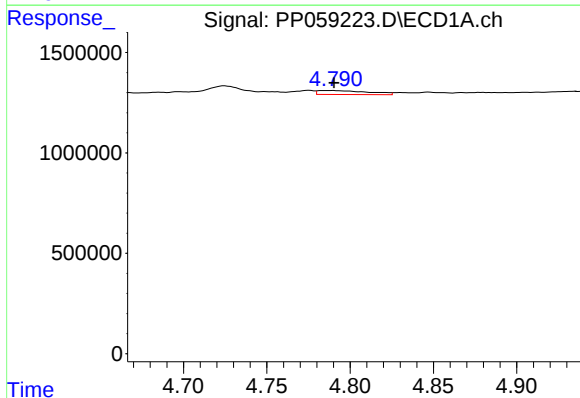
R.T.: 4.725 min
Delta R.T.: 0.011 min
Response: 741922
Conc: 62.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



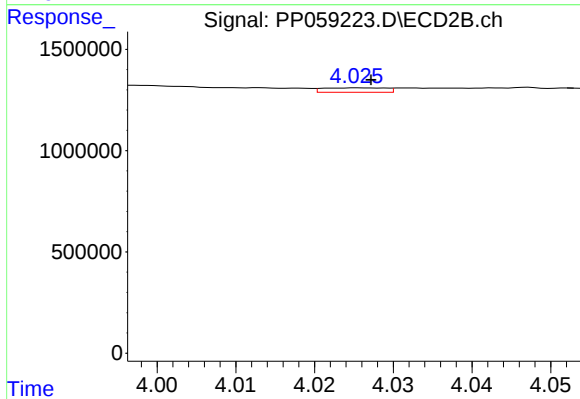
#9 AR-1221-2

R.T.: 3.951 min
Delta R.T.: 0.000 min
Response: 867357
Conc: 43.56 ng/ml



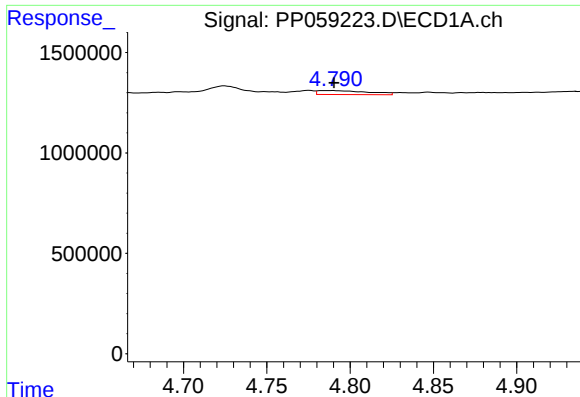
#10 AR-1221-3

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 417828
Conc: 11.87 ng/ml



#10 AR-1221-3

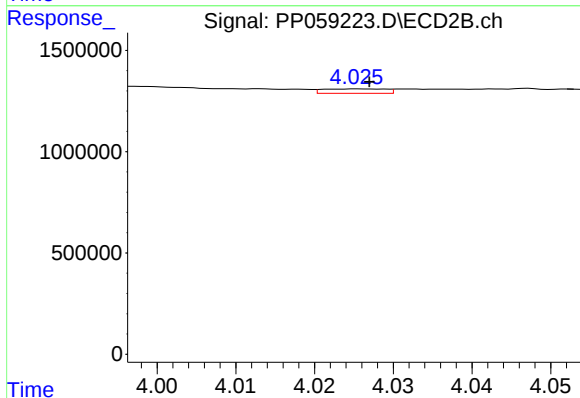
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 120232
Conc: 2.02 ng/ml



#11 AR-1232-1

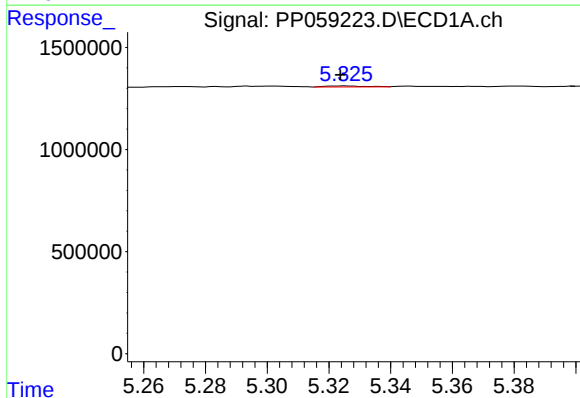
R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 417828
Conc: 14.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



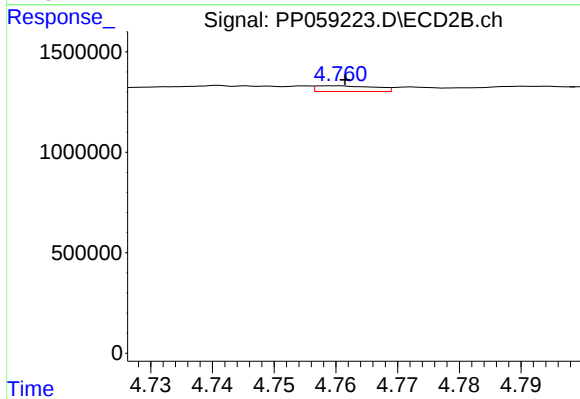
#11 AR-1232-1

R.T.: 4.025 min
Delta R.T.: -0.001 min
Response: 120232
Conc: 2.53 ng/ml



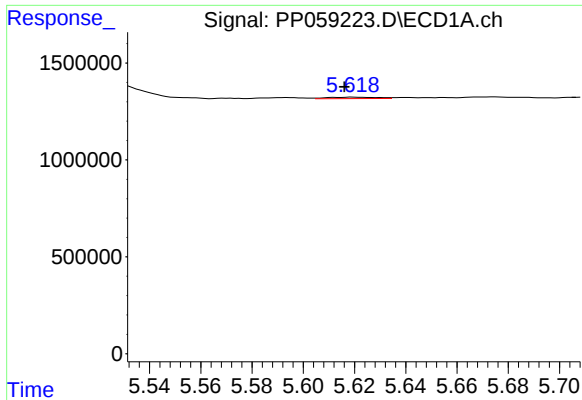
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: 0.002 min
Response: 44522
Conc: 2.86 ng/ml



#12 AR-1232-2

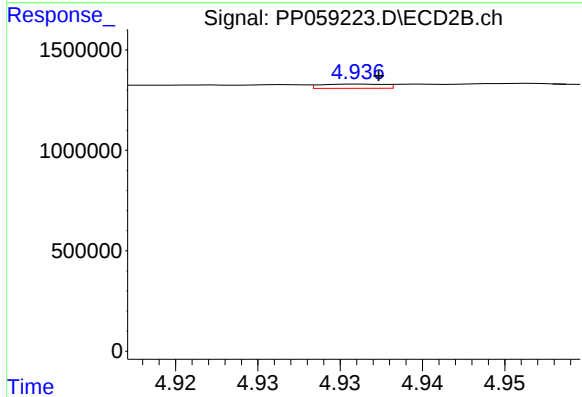
R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 185809
Conc: 4.38 ng/ml



#13 AR-1232-3

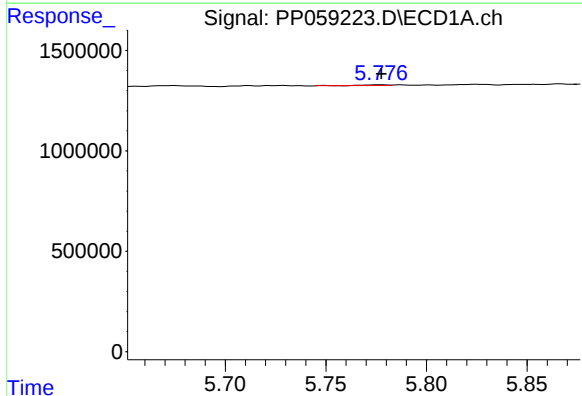
R.T.: 5.619 min
Delta R.T.: 0.003 min
Response: 102780
Conc: 3.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



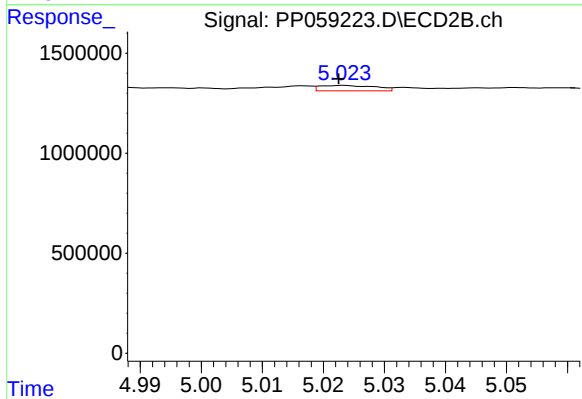
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: -0.001 min
Response: 56731
Conc: 2.56 ng/ml



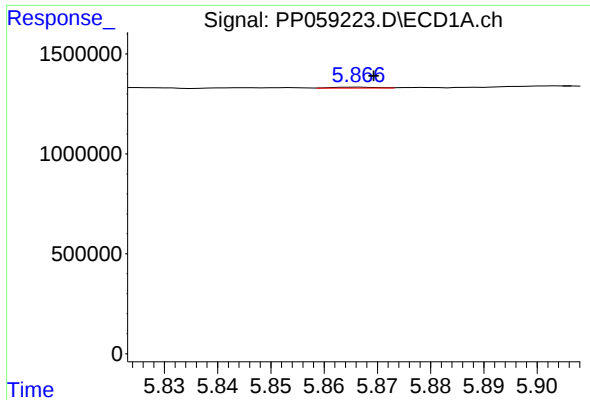
#14 AR-1232-4

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 27888
Conc: 2.11 ng/ml



#14 AR-1232-4

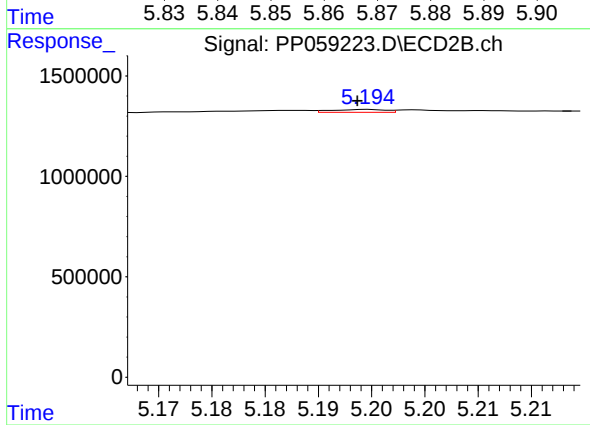
R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 170745
Conc: 8.09 ng/ml



#15 AR-1232-5

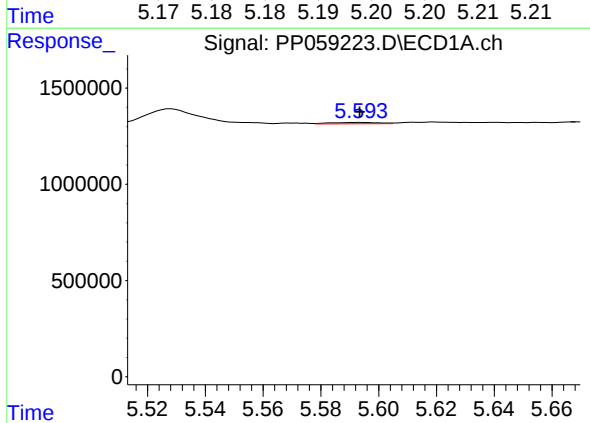
R.T.: 5.866 min
Delta R.T.: -0.003 min
Response: 28227
Conc: 2.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



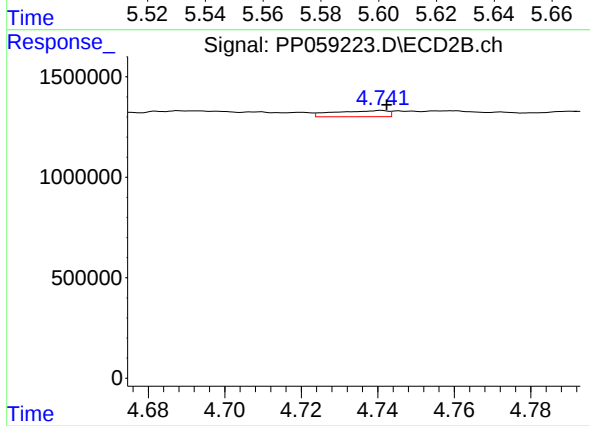
#15 AR-1232-5

R.T.: 5.195 min
Delta R.T.: 0.001 min
Response: 51620
Conc: 2.25 ng/ml



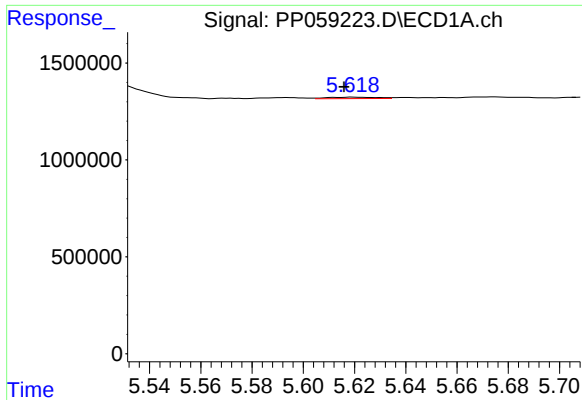
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 79141
Conc: 2.31 ng/ml



#16 AR-1242-1

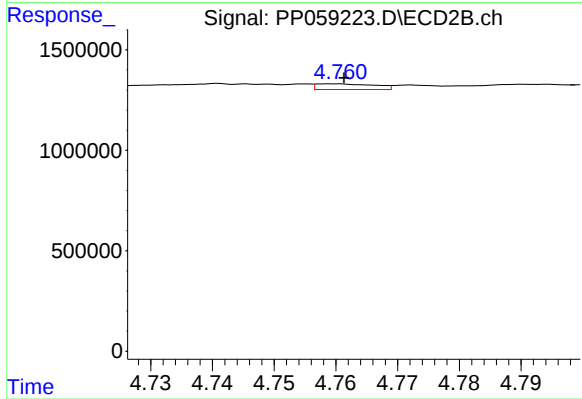
R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 296652
Conc: 5.30 ng/ml



#17 AR-1242-2

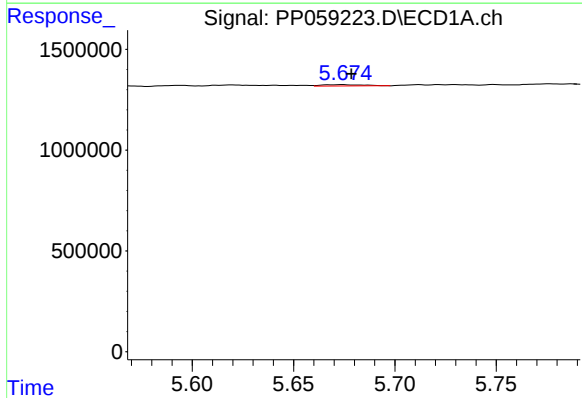
R.T.: 5.619 min
Delta R.T.: 0.003 min
Response: 102780
Conc: 2.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



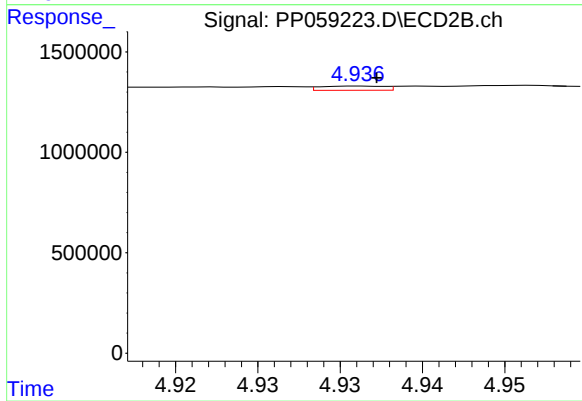
#17 AR-1242-2

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 185809
Conc: 2.33 ng/ml



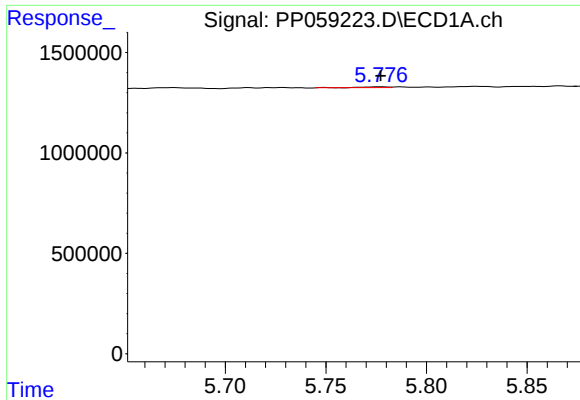
#18 AR-1242-3

R.T.: 5.674 min
Delta R.T.: -0.004 min
Response: 89642
Conc: 2.85 ng/ml



#18 AR-1242-3

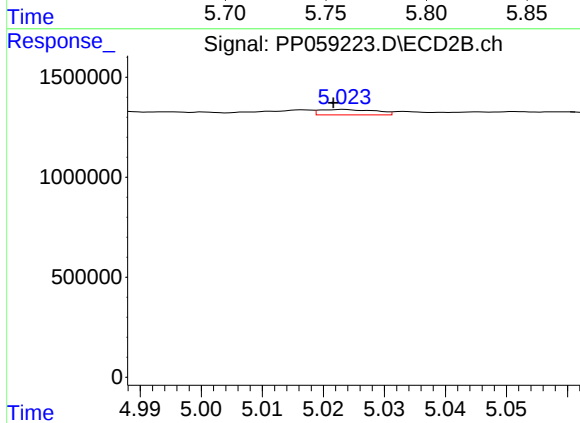
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 56731
Conc: 1.33 ng/ml



#19 AR-1242-4

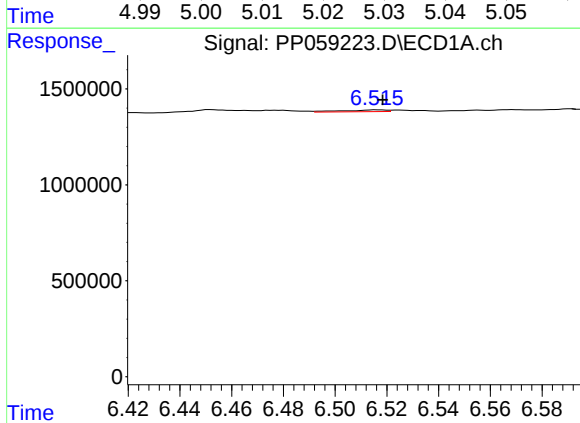
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 27888
Conc: 1.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



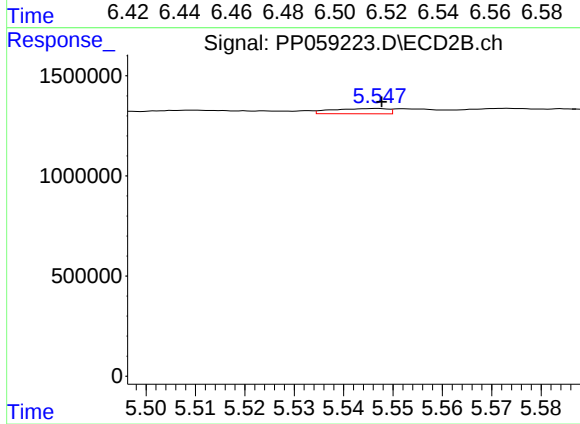
#19 AR-1242-4

R.T.: 5.023 min
Delta R.T.: 0.002 min
Response: 170745
Conc: 3.91 ng/ml



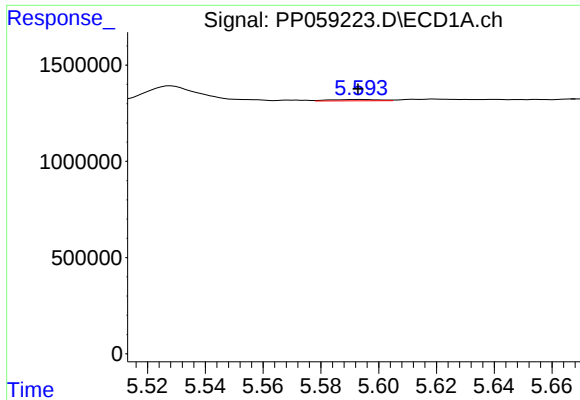
#20 AR-1242-5

R.T.: 6.516 min
Delta R.T.: -0.002 min
Response: 106691
Conc: 4.13 ng/ml



#20 AR-1242-5

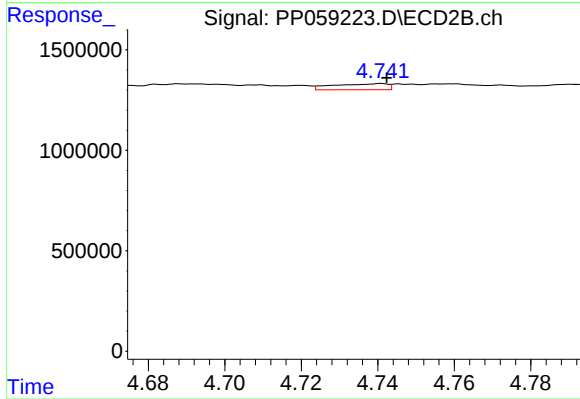
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 206794
Conc: 4.16 ng/ml



#21 AR-1248-1

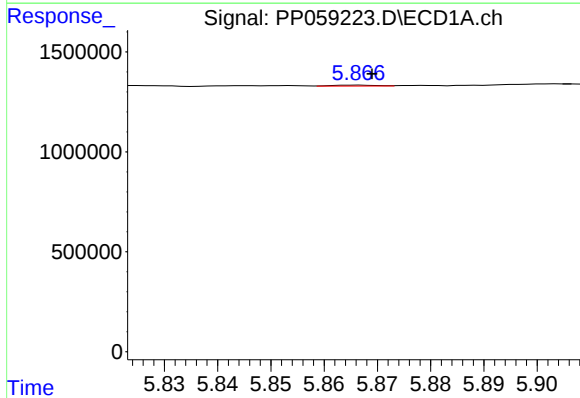
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 79141
Conc: 3.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



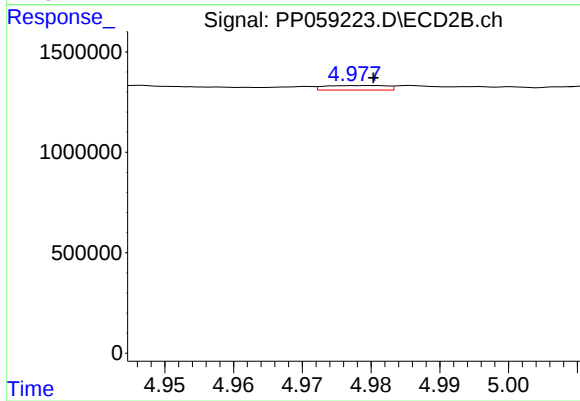
#21 AR-1248-1

R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 296652
Conc: 7.21 ng/ml



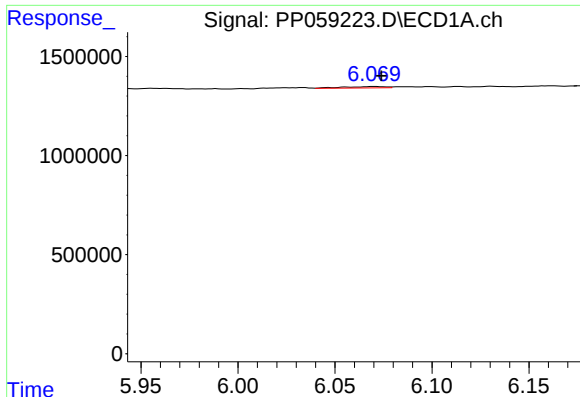
#22 AR-1248-2

R.T.: 5.866 min
Delta R.T.: -0.003 min
Response: 28227
Conc: 0.73 ng/ml



#22 AR-1248-2

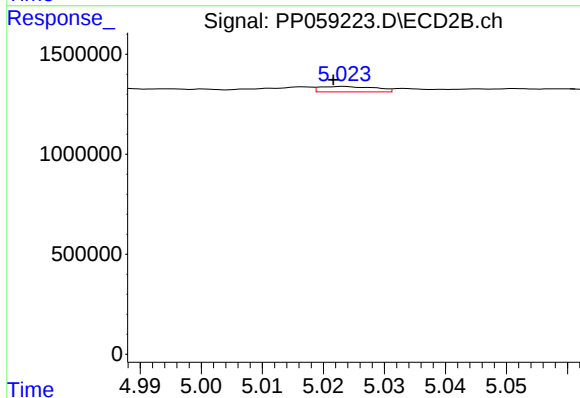
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 137876
Conc: 2.29 ng/ml



#23 AR-1248-3

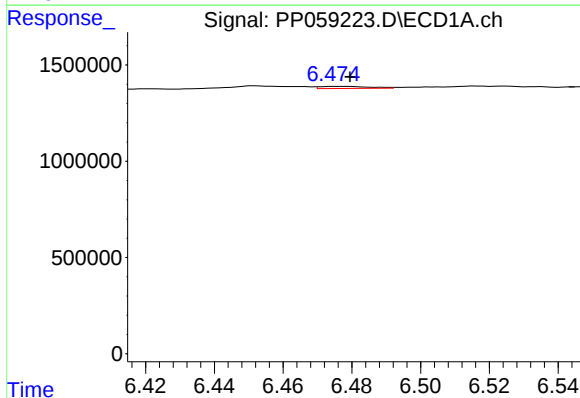
R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 105981
Conc: 2.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



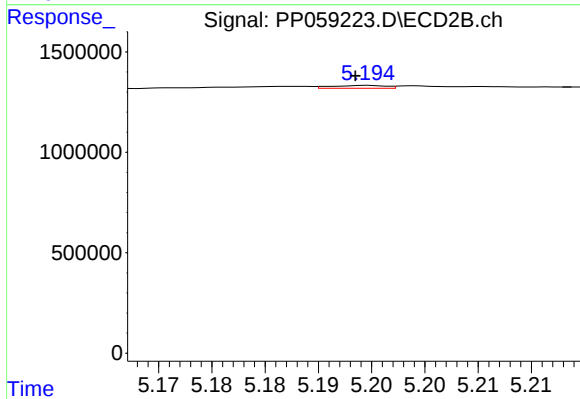
#23 AR-1248-3

R.T.: 5.023 min
Delta R.T.: 0.002 min
Response: 170745
Conc: 2.77 ng/ml



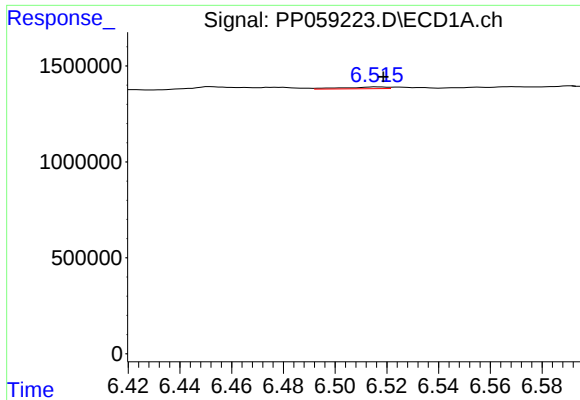
#24 AR-1248-4

R.T.: 6.476 min
Delta R.T.: -0.003 min
Response: 110409
Conc: 2.65 ng/ml



#24 AR-1248-4

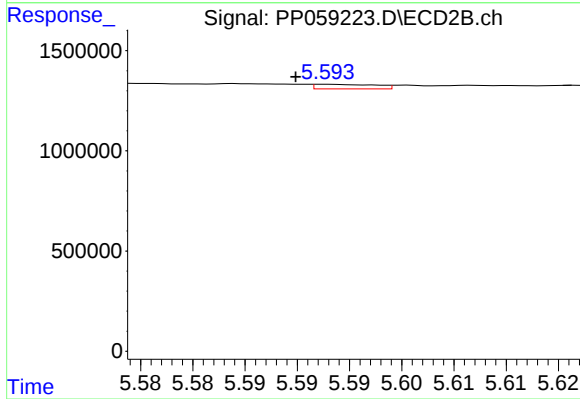
R.T.: 5.195 min
Delta R.T.: 0.001 min
Response: 51620
Conc: 0.72 ng/ml



#25 AR-1248-5

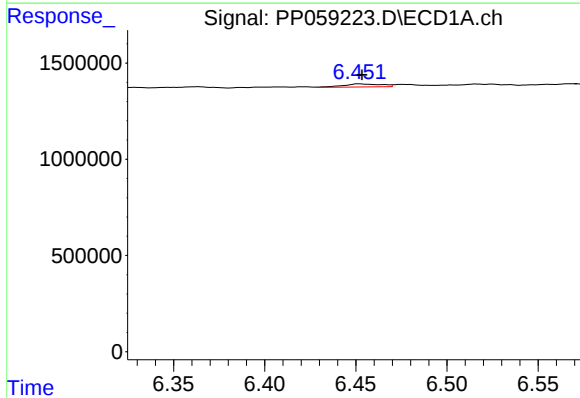
R.T.: 6.516 min
Delta R.T.: -0.002 min
Response: 106691
Conc: 2.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



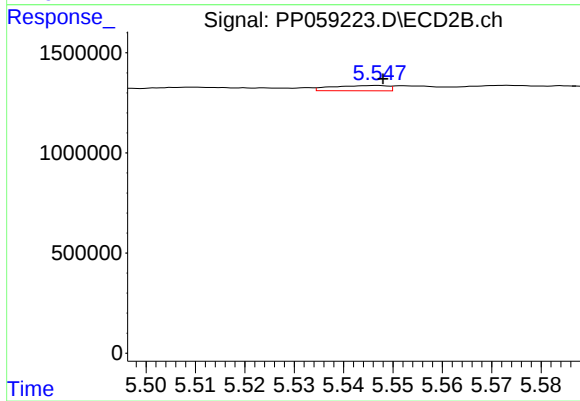
#25 AR-1248-5

R.T.: 5.593 min
Delta R.T.: 0.003 min
Response: 93986
Conc: 1.42 ng/ml



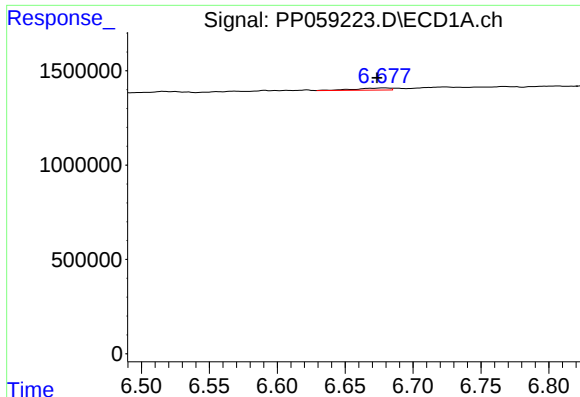
#26 AR-1254-1

R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 234449
Conc: 5.02 ng/ml



#26 AR-1254-1

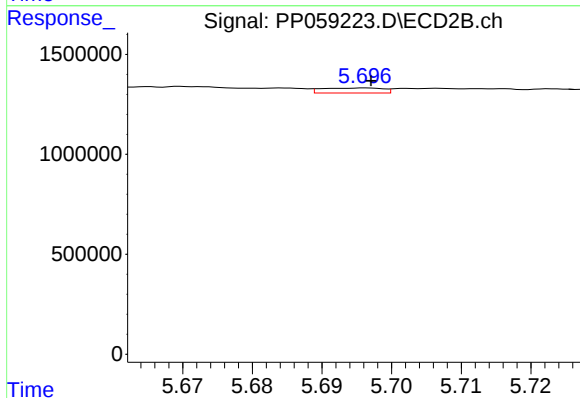
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 206794
Conc: 2.04 ng/ml



#27 AR-1254-2

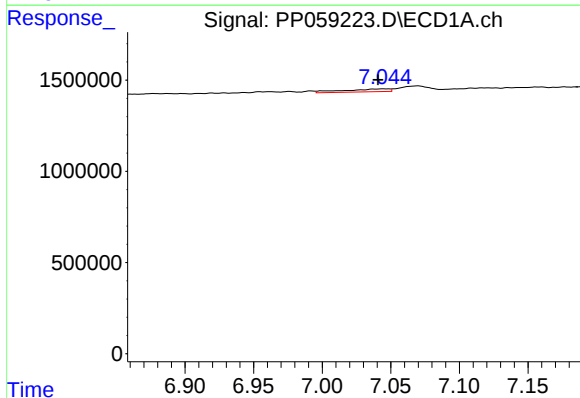
R.T.: 6.678 min
Delta R.T.: 0.005 min
Response: 192323
Conc: 2.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



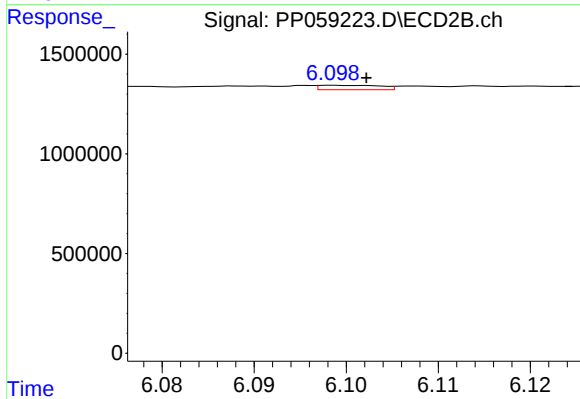
#27 AR-1254-2

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 151463
Conc: 1.72 ng/ml



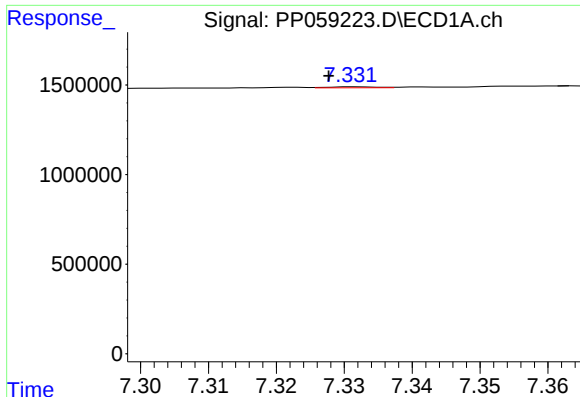
#28 AR-1254-3

R.T.: 7.045 min
Delta R.T.: 0.004 min
Response: 374849
Conc: 5.43 ng/ml



#28 AR-1254-3

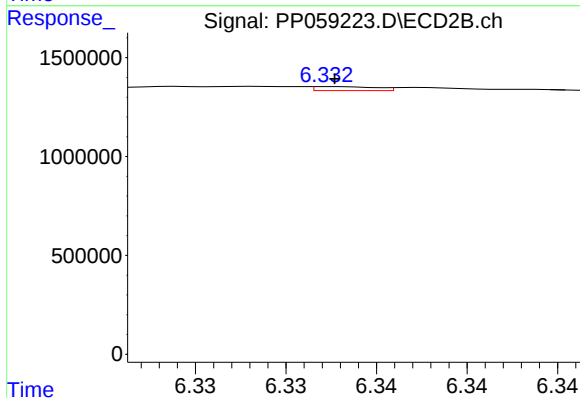
R.T.: 6.099 min
Delta R.T.: -0.003 min
Response: 102468
Conc: 0.74 ng/ml



#29 AR-1254-4

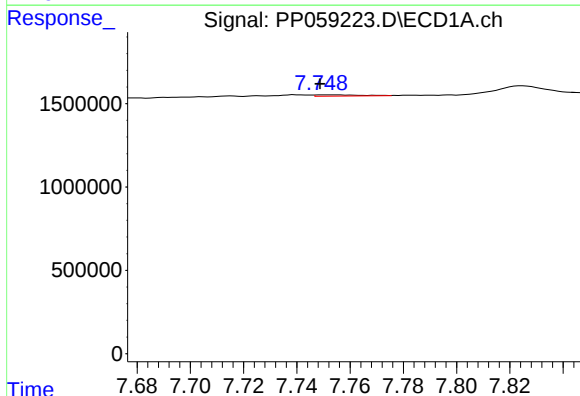
R.T.: 7.332 min
Delta R.T.: 0.004 min
Response: 29753
Conc: 0.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



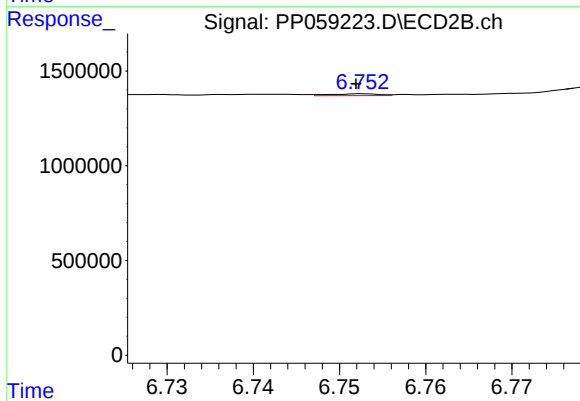
#29 AR-1254-4

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 47860
Conc: 0.60 ng/ml



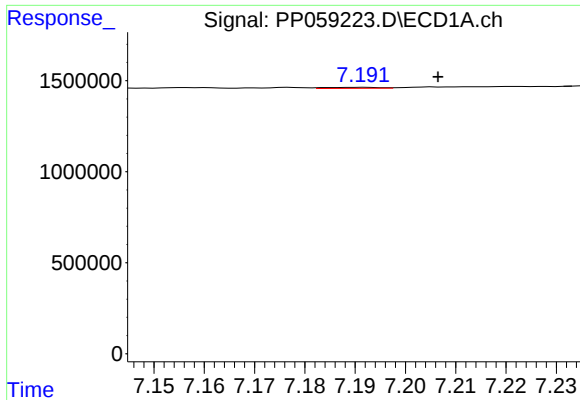
#30 AR-1254-5

R.T.: 7.753 min
Delta R.T.: 0.005 min
Response: 94966
Conc: 2.02 ng/ml



#30 AR-1254-5

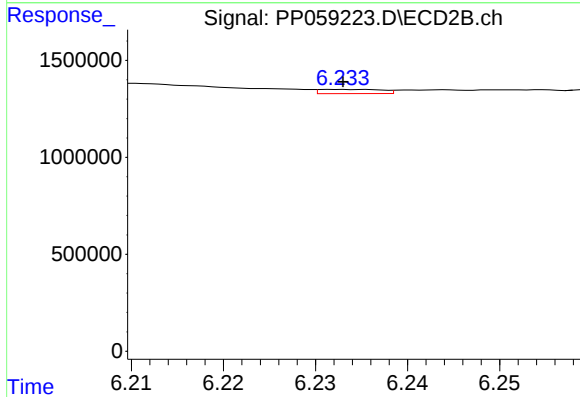
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 38496
Conc: 0.32 ng/ml



#31 AR-1260-1

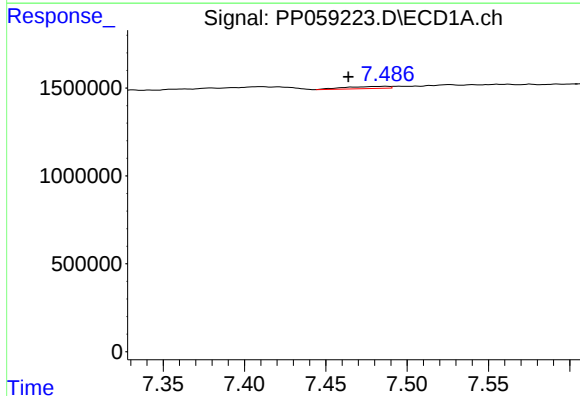
R.T.: 7.191 min
Delta R.T.: -0.015 min
Response: 43718
Conc: 0.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



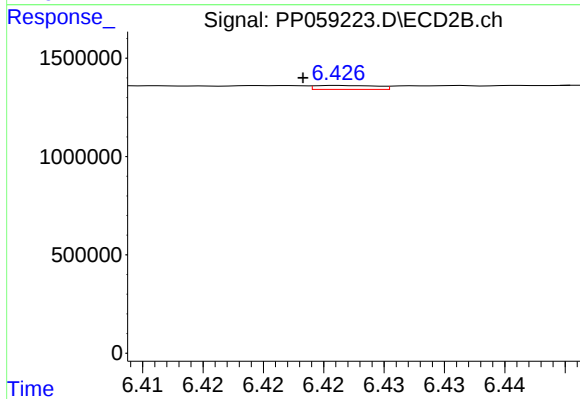
#31 AR-1260-1

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 102690
Conc: 1.04 ng/ml



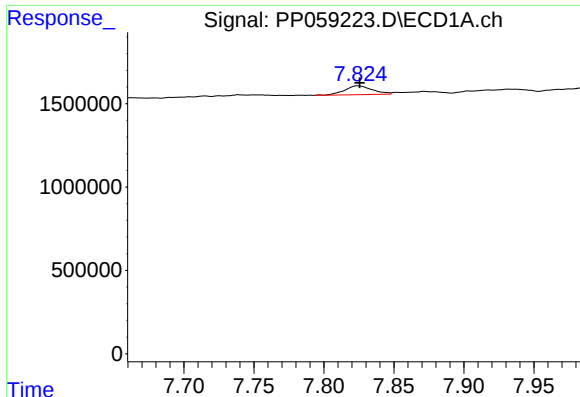
#32 AR-1260-2

R.T.: 7.487 min
Delta R.T.: 0.023 min
Response: 233357
Conc: 3.92 ng/ml



#32 AR-1260-2

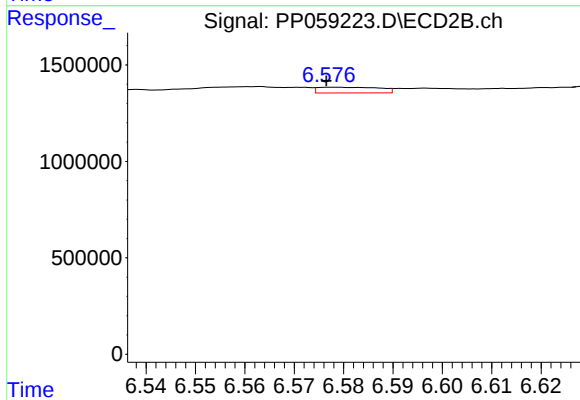
R.T.: 6.426 min
Delta R.T.: 0.003 min
Response: 72348
Conc: 0.63 ng/ml



#33 AR-1260-3

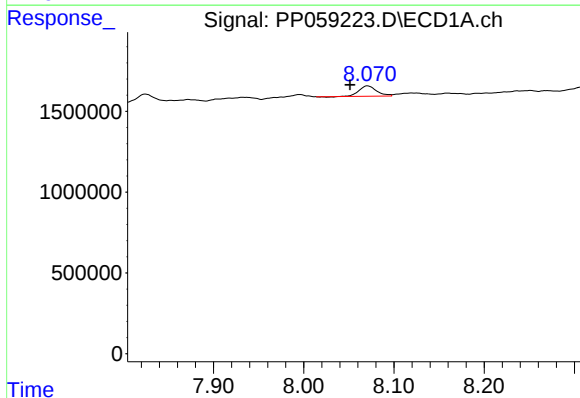
R.T.: 7.825 min
Delta R.T.: 0.000 min
Response: 725285
Conc: 18.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



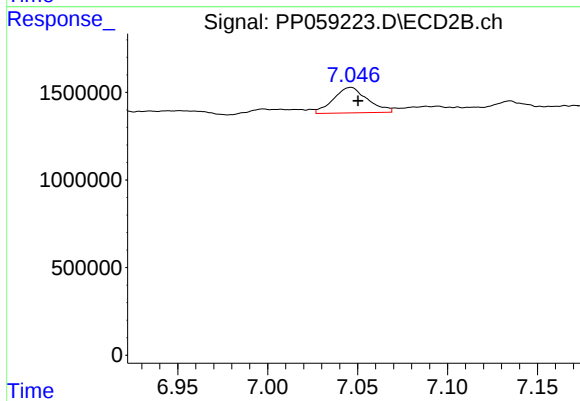
#33 AR-1260-3

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 257293
Conc: 2.31 ng/ml



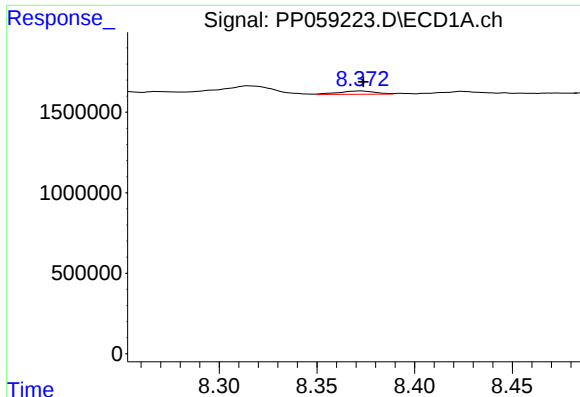
#34 AR-1260-4

R.T.: 8.071 min
Delta R.T.: 0.019 min
Response: 845134
Conc: 19.03 ng/ml



#34 AR-1260-4

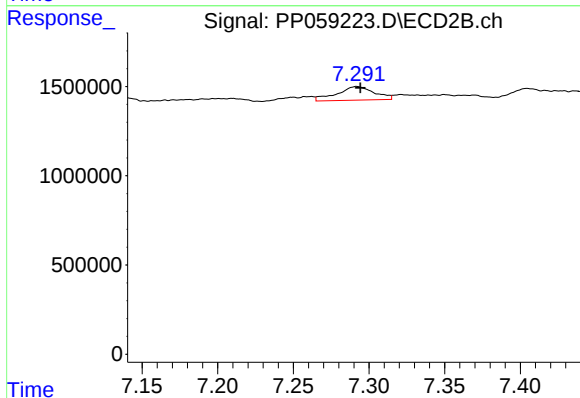
R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 1926078
Conc: 22.22 ng/ml



#35 AR-1260-5

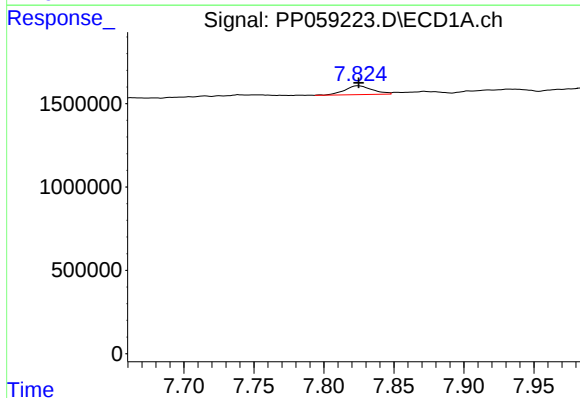
R.T.: 8.373 min
Delta R.T.: -0.001 min
Response: 270139
Conc: 3.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



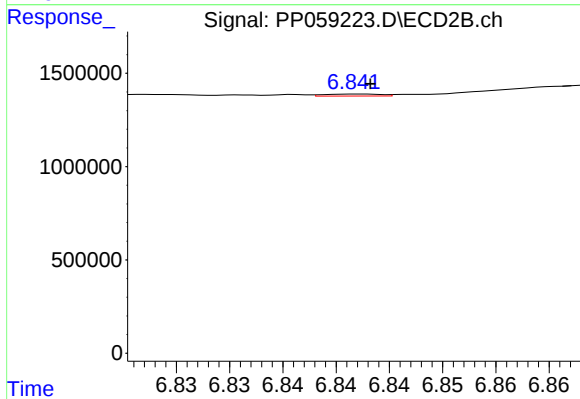
#35 AR-1260-5

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 1305186
Conc: 7.08 ng/ml



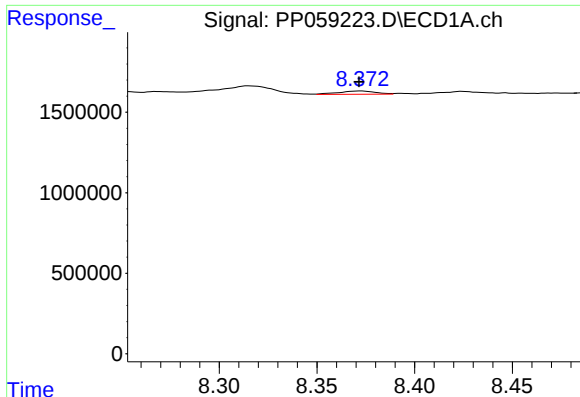
#36 AR-1262-1

R.T.: 7.825 min
Delta R.T.: 0.000 min
Response: 725285
Conc: 11.39 ng/ml



#36 AR-1262-1

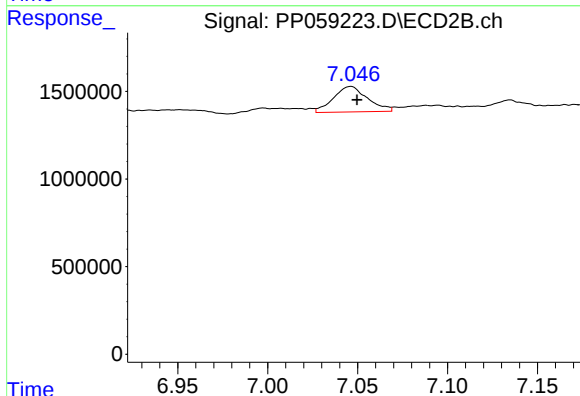
R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 39131
Conc: 0.68 ng/ml



#37 AR-1262-2

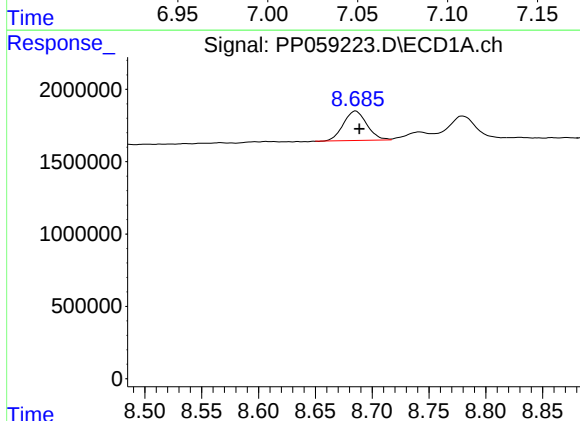
R.T.: 8.373 min
Delta R.T.: 0.001 min
Response: 270139
Conc: 2.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



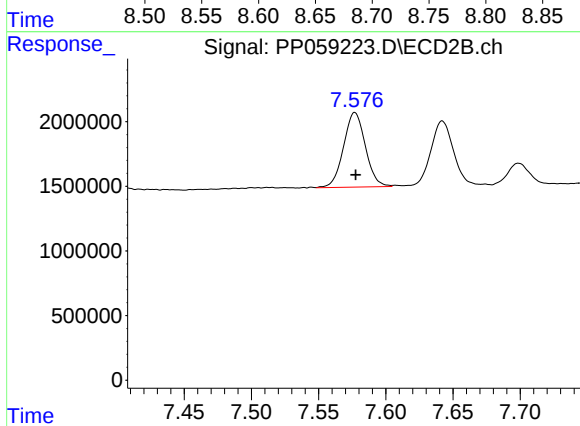
#37 AR-1262-2

R.T.: 7.046 min
Delta R.T.: -0.003 min
Response: 1926078
Conc: 16.32 ng/ml



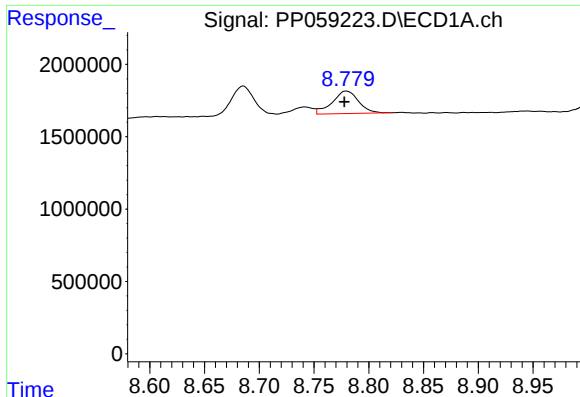
#38 AR-1262-3

R.T.: 8.686 min
Delta R.T.: -0.003 min
Response: 2917611
Conc: 45.34 ng/ml



#38 AR-1262-3

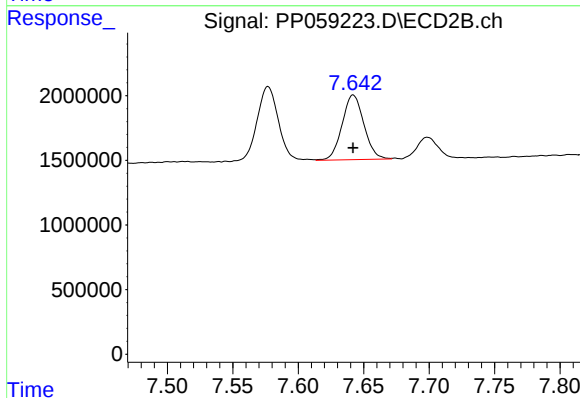
R.T.: 7.577 min
Delta R.T.: 0.000 min
Response: 6527432
Conc: 76.70 ng/ml



#39 AR-1262-4

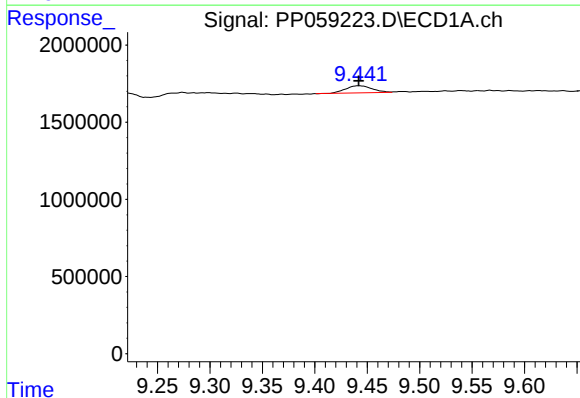
R.T.: 8.779 min
Delta R.T.: 0.002 min
Response: 2606755
Conc: 78.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



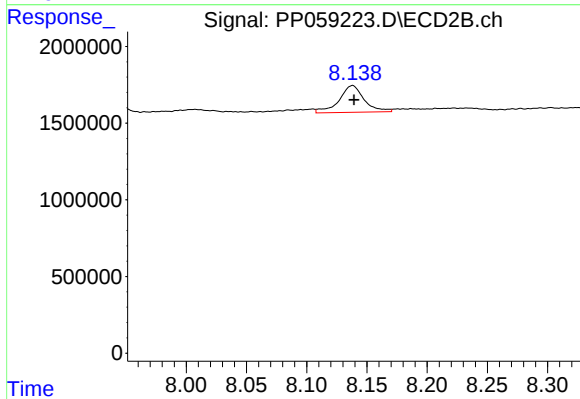
#39 AR-1262-4

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 5815275
Conc: 38.50 ng/ml



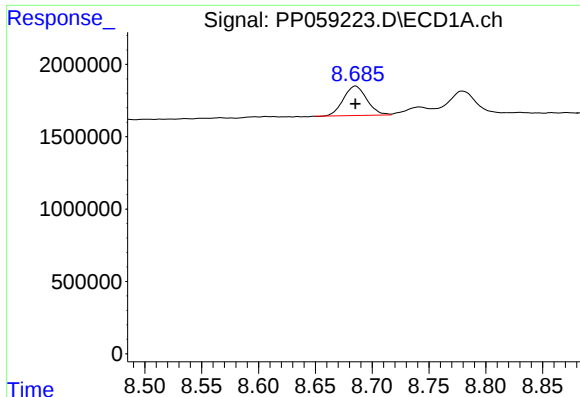
#40 AR-1262-5

R.T.: 9.442 min
Delta R.T.: 0.000 min
Response: 804821
Conc: 26.97 ng/ml



#40 AR-1262-5

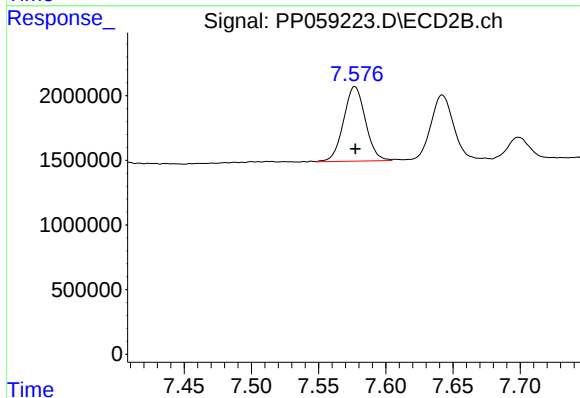
R.T.: 8.138 min
Delta R.T.: -0.001 min
Response: 2534915
Conc: 39.75 ng/ml



#41 AR-1268-1

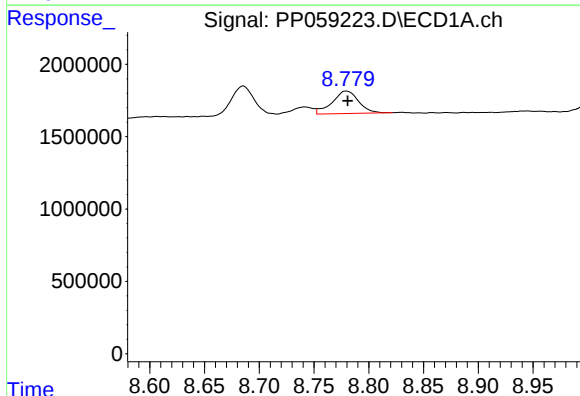
R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 2917611
Conc: 25.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



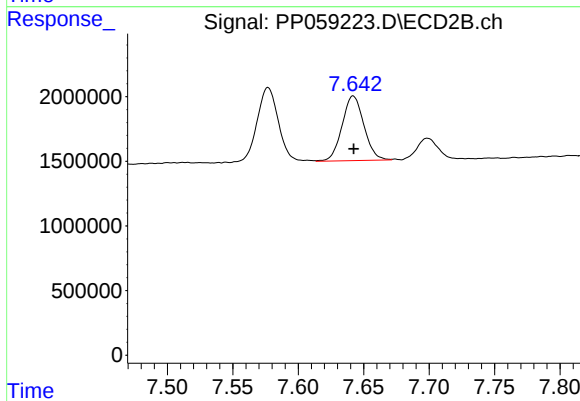
#41 AR-1268-1

R.T.: 7.577 min
Delta R.T.: 0.000 min
Response: 6527432
Conc: 26.77 ng/ml



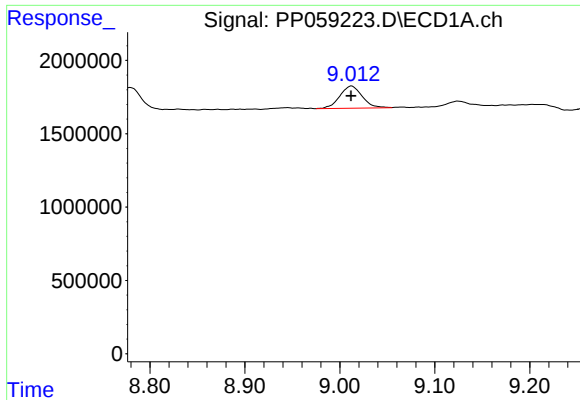
#42 AR-1268-2

R.T.: 8.779 min
Delta R.T.: -0.002 min
Response: 2606755
Conc: 26.49 ng/ml



#42 AR-1268-2

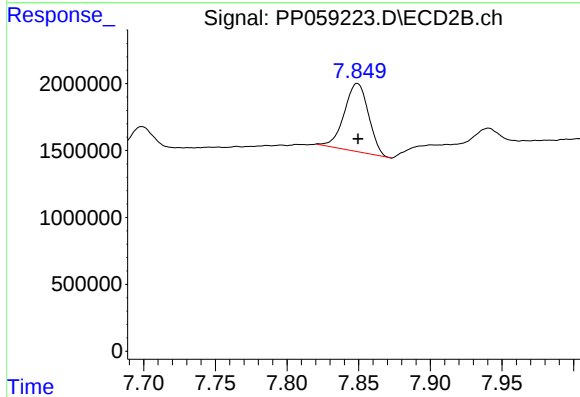
R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 5815275
Conc: 26.55 ng/ml



#43 AR-1268-3

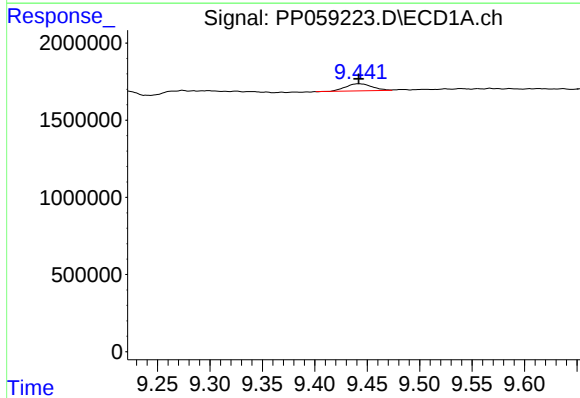
R.T.: 9.012 min
Delta R.T.: 0.000 min
Response: 2509300
Conc: 27.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



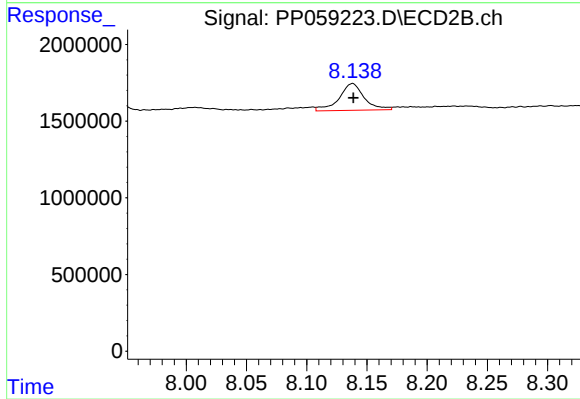
#43 AR-1268-3

R.T.: 7.849 min
Delta R.T.: 0.000 min
Response: 5995729
Conc: 30.66 ng/ml



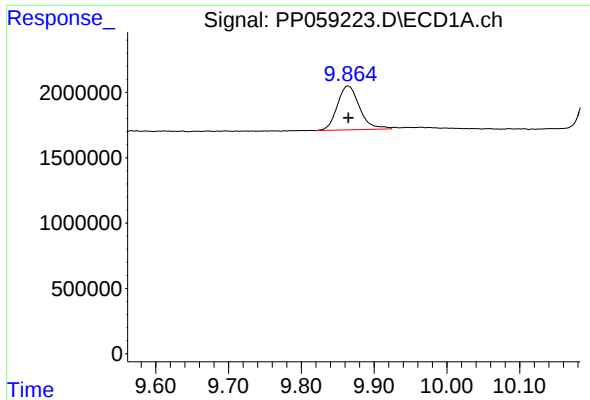
#44 AR-1268-4

R.T.: 9.442 min
Delta R.T.: 0.000 min
Response: 804821
Conc: 25.23 ng/ml



#44 AR-1268-4

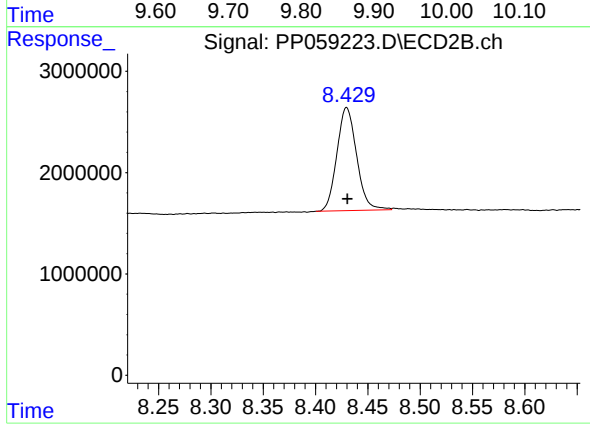
R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 2534915
Conc: 36.43 ng/ml



#45 AR-1268-5

R.T.: 9.864 min
Delta R.T.: 0.000 min
Response: 7097036
Conc: 26.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 13359588
Conc: 25.77 ng/ml