

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080823\
 Data File : PP059219.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2023 23:26
 Operator : YP\AJ
 Sample : 03572-07
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 02:41:47 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...	4.416	3.649	24903622	42237708	20.296	20.846
2)	SA Decachlor...	10.209	8.686	19750883	35355259	25.878	25.131
Target Compounds							
3)	L1 AR-1016-1	5.592	4.742	829173	2059556	21.105	32.111 #
4)	L1 AR-1016-2	5.615	4.760	1334662	2847884	23.544	31.351 #
5)	L1 AR-1016-3	5.678	4.938	822917	1847896	22.939	38.460 #
6)	L1 AR-1016-4	5.777	4.983	603514	2127289	20.834	51.519 #
7)	L1 AR-1016-5	6.074	5.193	812571	1548110	26.850	29.753
8)	L2 AR-1221-1	4.629	3.863	254616	190912	16.162	7.033 #
9)	L2 AR-1221-2	4.725	3.950	1133569	1393771	95.993	70.004 #
10)	L2 AR-1221-3	4.789	4.027	1385900	1549251	39.358	26.023 #
11)	L3 AR-1232-1	4.789	4.027	1385900	1549251	47.145	32.651 #
12)	L3 AR-1232-2	5.323	4.760	733040	2847884	47.029	67.138 #
13)	L3 AR-1232-3	5.615	4.938	1334662	1847896	50.545	83.284 #
14)	L3 AR-1232-4	5.777	5.022	603514	1861916	45.601	88.183 #
15)	L3 AR-1232-5	5.868	5.193	620023	1548110	54.319	67.536
16)	L4 AR-1242-1	5.592	4.742	829173	2059556	24.223	36.801 #
17)	L4 AR-1242-2	5.615	4.760	1334662	2847884	27.199	35.716 #
18)	L4 AR-1242-3	5.678	4.938	822917	1847896	26.192	43.358 #
19)	L4 AR-1242-4	5.777	5.022	603514	1861916	23.534	42.640 #
20)	L4 AR-1242-5	6.518	5.547	824225	2059475	31.904	41.461 #
21)	L5 AR-1248-1	5.592	4.742	829173	2059556	32.670	50.065 #
22)	L5 AR-1248-2	5.868	4.983	620023	2127289	16.019	35.327 #
23)	L5 AR-1248-3	6.074	5.022	812571	1861916	19.234	30.221 #
24)	L5 AR-1248-4	6.479	5.193	858149	1548110	20.611	21.503
25)	L5 AR-1248-5	6.518	5.589	824225	1888203	20.206	28.616 #
26)	L6 AR-1254-1	6.451	5.547	656928	2059475	14.063	20.327 #
27)	L6 AR-1254-2	6.676	5.696	945068	1198157	13.735	13.572
28)	L6 AR-1254-3	7.040	6.102	783199	813493	11.347	5.884 #
29)	L6 AR-1254-4	7.331	6.331	220942	628194	4.908	7.815 #
30)	L6 AR-1254-5	7.748	6.754	261768	147809	5.571	1.236 #
31)	L7 AR-1260-1	7.210	6.227	113613	84089	2.077	0.849 #
32)	L7 AR-1260-2	7.459	6.426	40251	159510	0.676	1.379 #
33)	L7 AR-1260-3	7.831	6.562	227675	750692	5.785	6.749
34)	L7 AR-1260-4	8.043	7.025f	13560	559049	0.305	6.448 #
35)	L7 AR-1260-5	8.379	7.296	83305	474683	1.042	2.575 #
36)	L8 AR-1262-1	7.831	6.829	227675	55728	3.575	0.969 #
37)	L8 AR-1262-2	8.379	7.025f	83305	559049	0.907	4.738 #
38)	L8 AR-1262-3	8.687	7.582	16850	67279	0.262	0.791 #
39)	L8 AR-1262-4	8.791	7.642	66718	86814	2.009	0.575 #
40)	L8 AR-1262-5	9.443	8.138	12287	100656	0.412	1.578 #
41)	L9 AR-1268-1	8.687	7.582	16850	67279	0.148	0.276 #

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 Misc : AR1242 LOD 25 PPB
 ALS Vial : 20 Sample Multiplier: 1

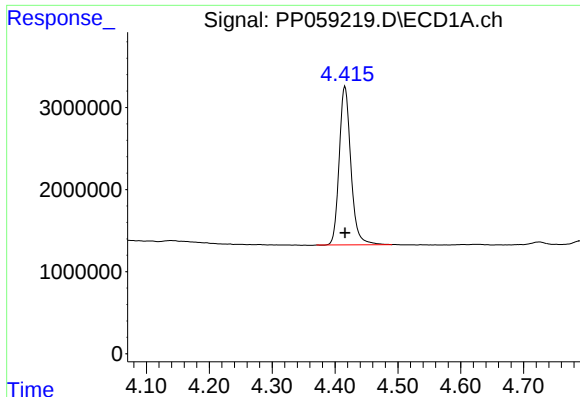
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 02:41:47 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	8.791	7.642	66718	86814	0.678	0.396 #
43) L9	AR-1268-3	9.009	7.849	44805	304049	0.483	1.555 #
44) L9	AR-1268-4	9.443	8.138	12287	100656	0.385	1.446 #
45) L9	AR-1268-5	9.867	8.429	71514	237257	0.263	0.458 #

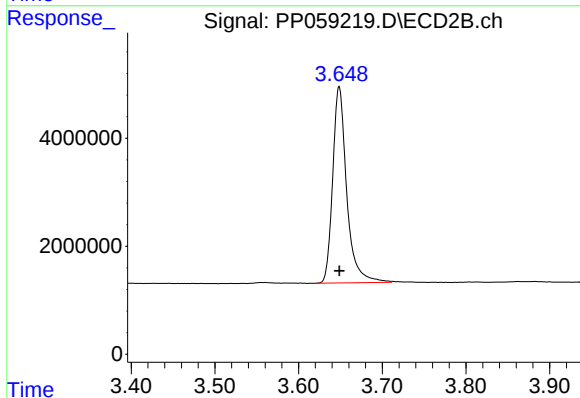
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

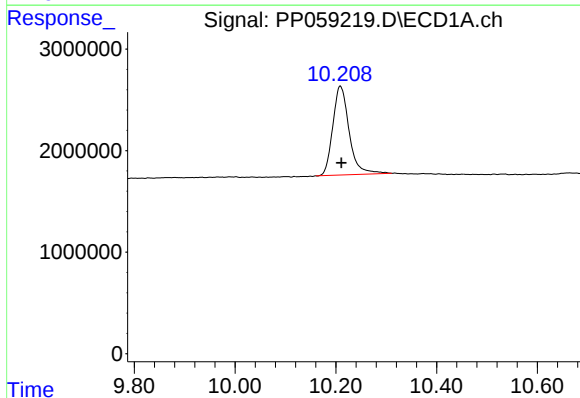
R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 24903622
Conc: 20.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



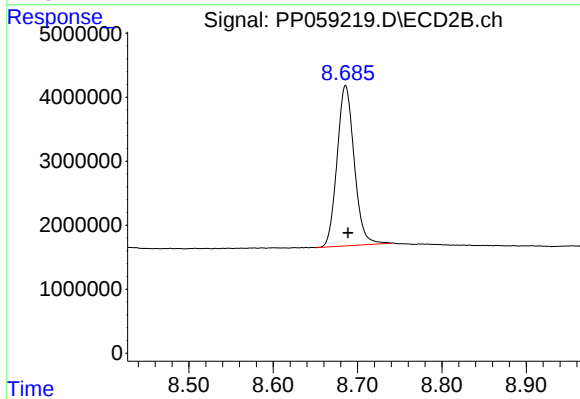
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 42237708
Conc: 20.85 ng/ml



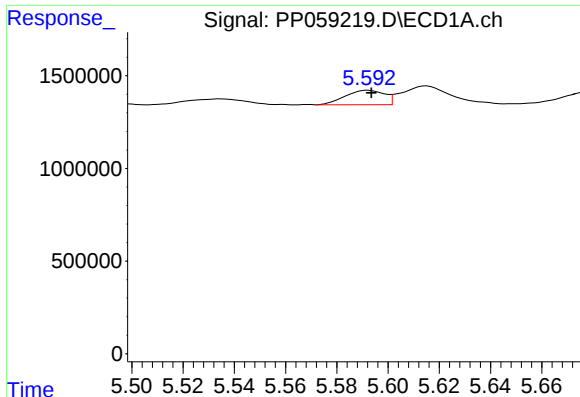
#2 Decachlorobiphenyl

R.T.: 10.209 min
Delta R.T.: -0.002 min
Response: 19750883
Conc: 25.88 ng/ml



#2 Decachlorobiphenyl

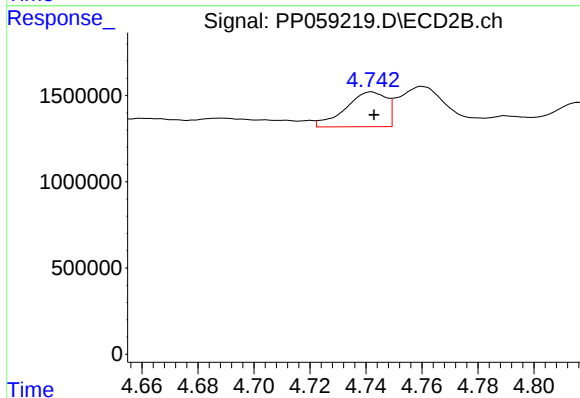
R.T.: 8.686 min
Delta R.T.: -0.003 min
Response: 35355259
Conc: 25.13 ng/ml



#3 AR-1016-1

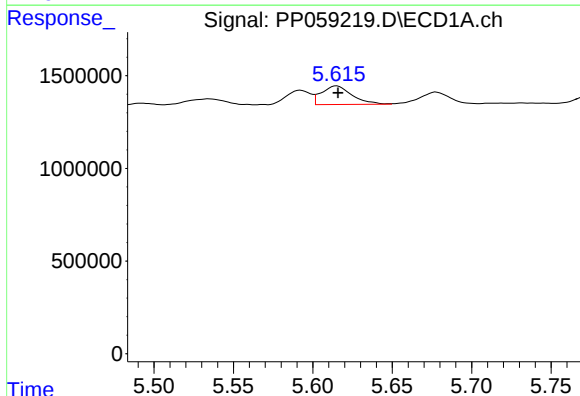
R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 829173
Conc: 21.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



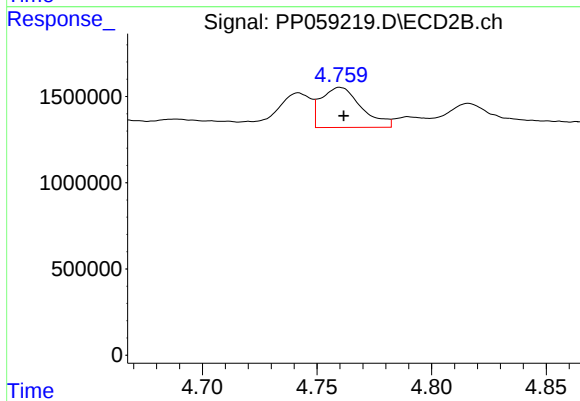
#3 AR-1016-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 2059556
Conc: 32.11 ng/ml



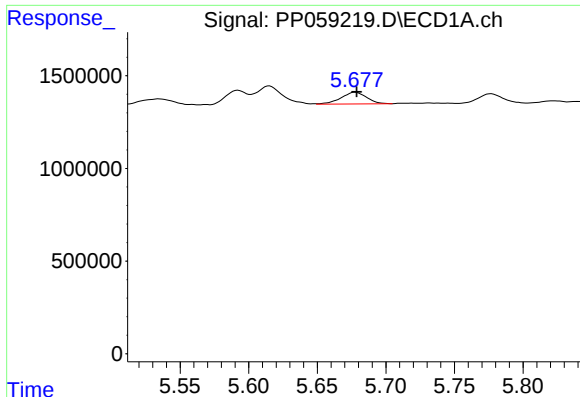
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 1334662
Conc: 23.54 ng/ml



#4 AR-1016-2

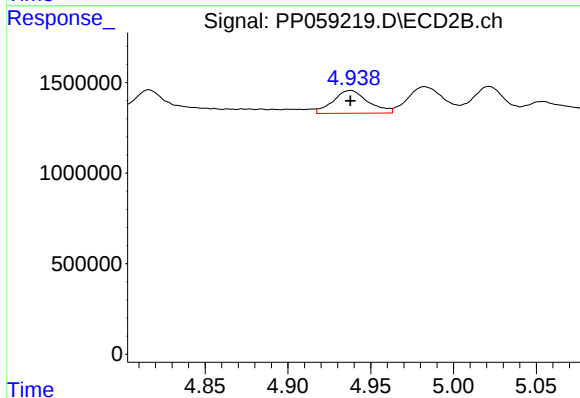
R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 2847884
Conc: 31.35 ng/ml



#5 AR-1016-3

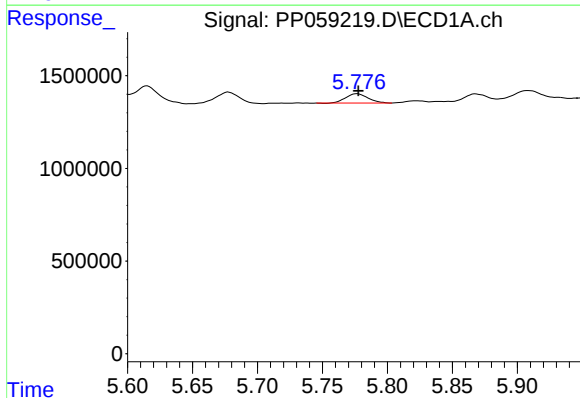
R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 822917
Conc: 22.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



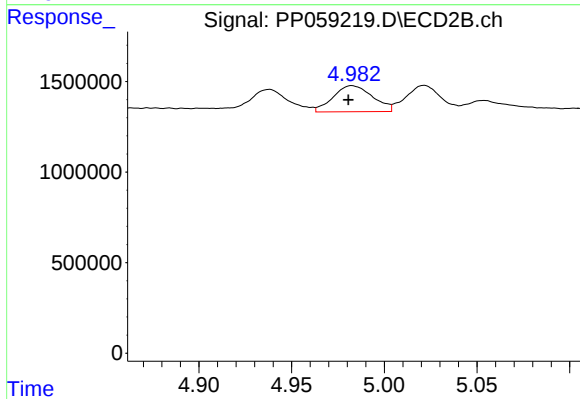
#5 AR-1016-3

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 1847896
Conc: 38.46 ng/ml



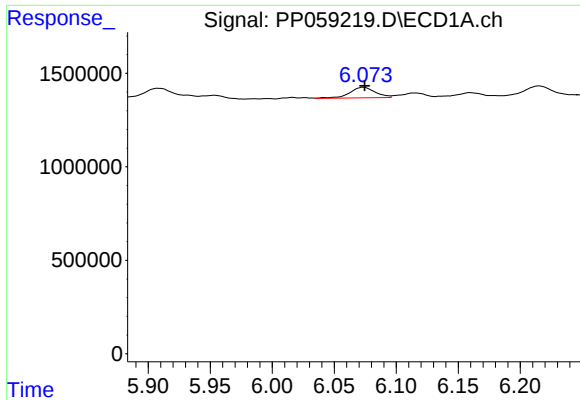
#6 AR-1016-4

R.T.: 5.777 min
Delta R.T.: -0.001 min
Response: 603514
Conc: 20.83 ng/ml



#6 AR-1016-4

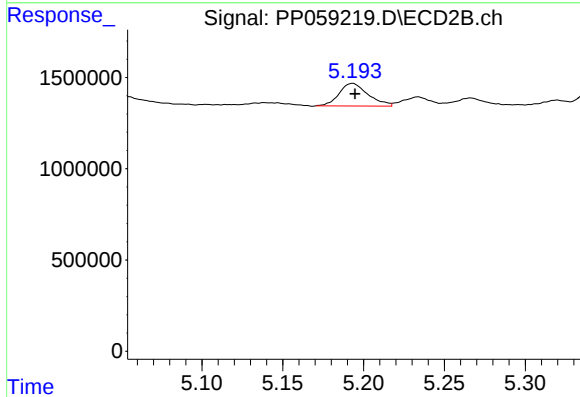
R.T.: 4.983 min
Delta R.T.: 0.002 min
Response: 2127289
Conc: 51.52 ng/ml



#7 AR-1016-5

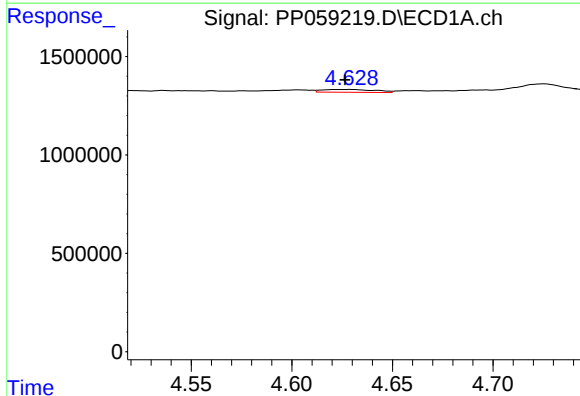
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 812571
Conc: 26.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



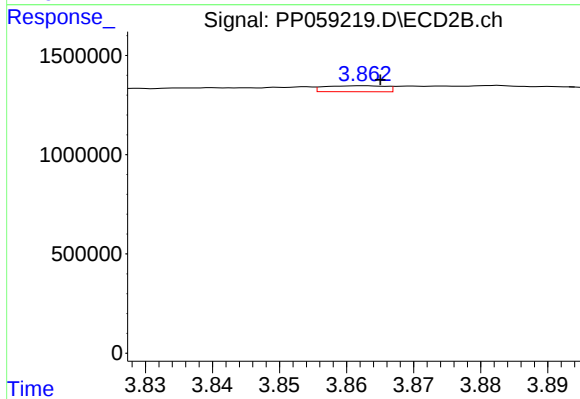
#7 AR-1016-5

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 1548110
Conc: 29.75 ng/ml



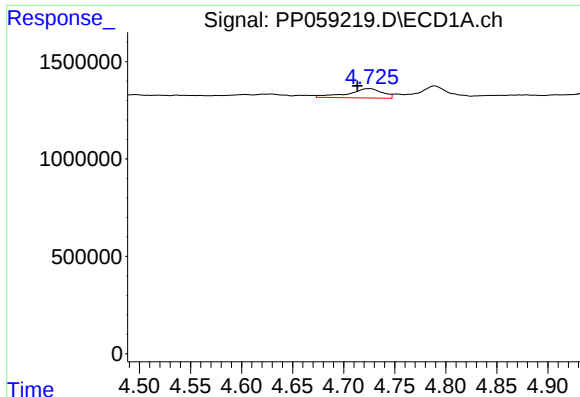
#8 AR-1221-1

R.T.: 4.629 min
Delta R.T.: 0.002 min
Response: 254616
Conc: 16.16 ng/ml



#8 AR-1221-1

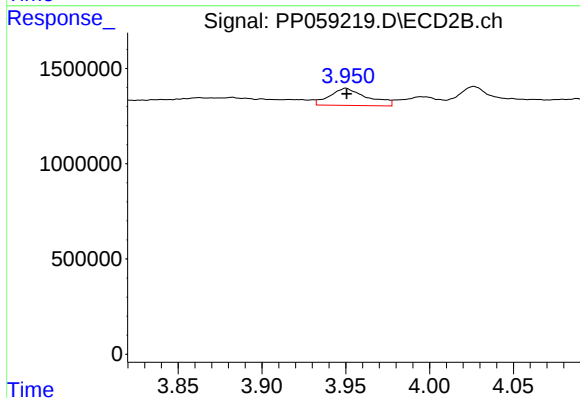
R.T.: 3.863 min
Delta R.T.: -0.002 min
Response: 190912
Conc: 7.03 ng/ml



#9 AR-1221-2

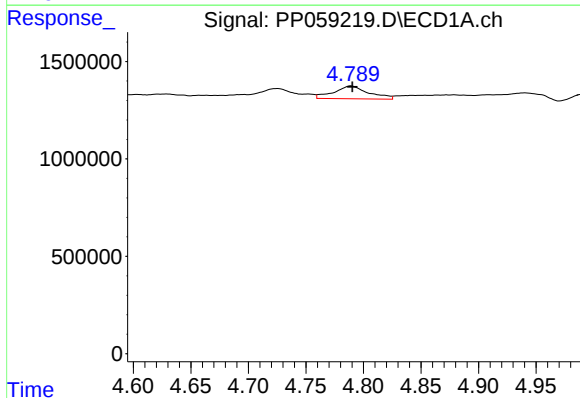
R.T.: 4.725 min
Delta R.T.: 0.012 min
Response: 1133569
Conc: 95.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



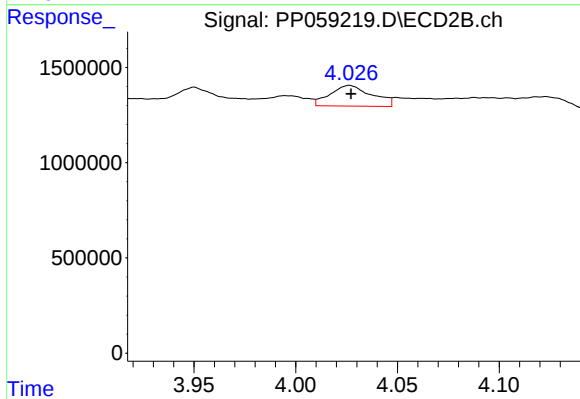
#9 AR-1221-2

R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 1393771
Conc: 70.00 ng/ml



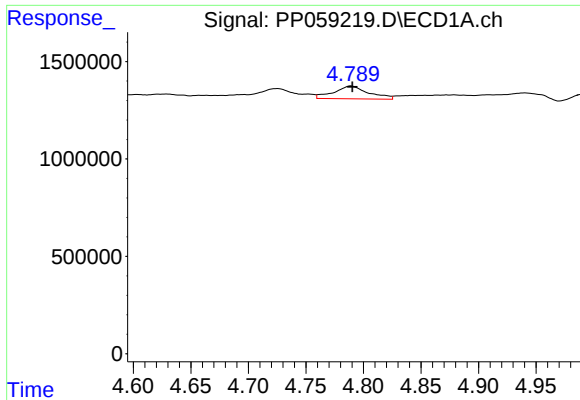
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 1385900
Conc: 39.36 ng/ml



#10 AR-1221-3

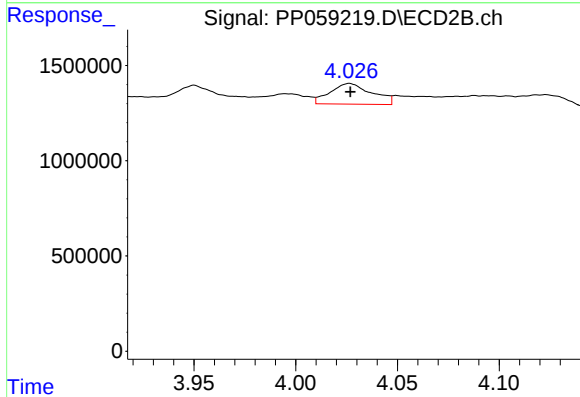
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 1549251
Conc: 26.02 ng/ml



#11 AR-1232-1

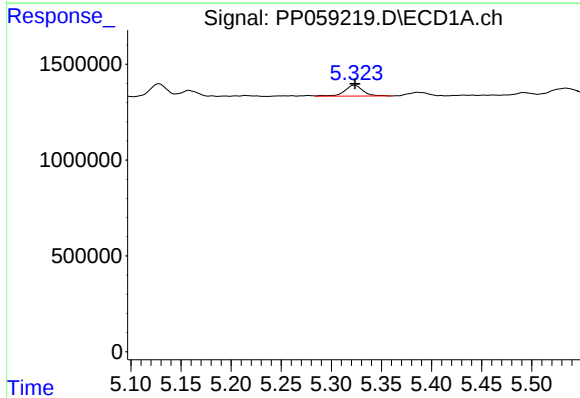
R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 1385900
Conc: 47.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



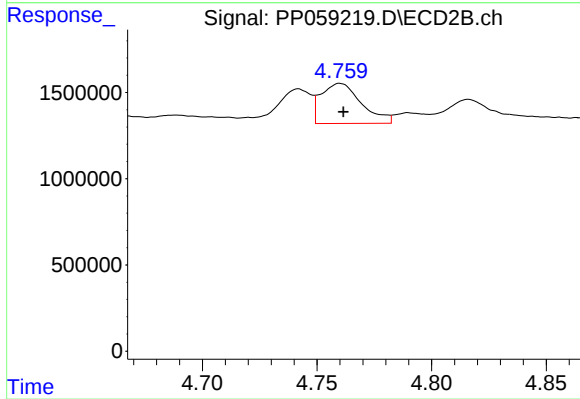
#11 AR-1232-1

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 1549251
Conc: 32.65 ng/ml



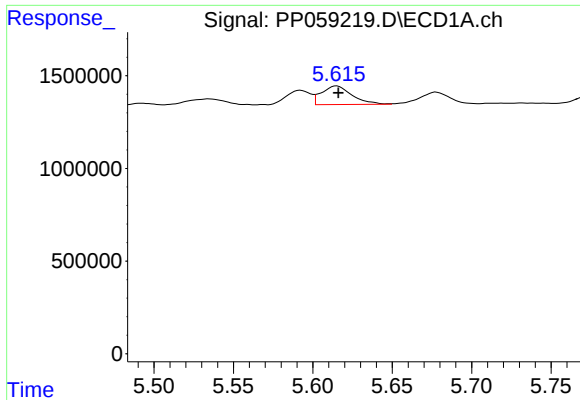
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 733040
Conc: 47.03 ng/ml



#12 AR-1232-2

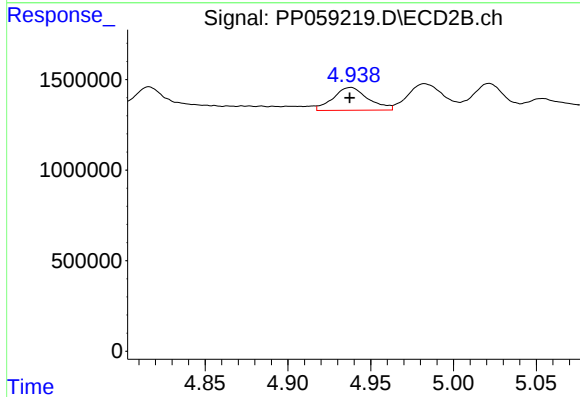
R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 2847884
Conc: 67.14 ng/ml



#13 AR-1232-3

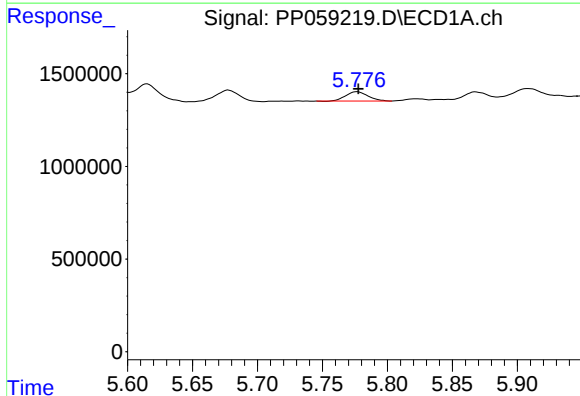
R.T.: 5.615 min
Delta R.T.: -0.001 min
Response: 1334662
Conc: 50.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



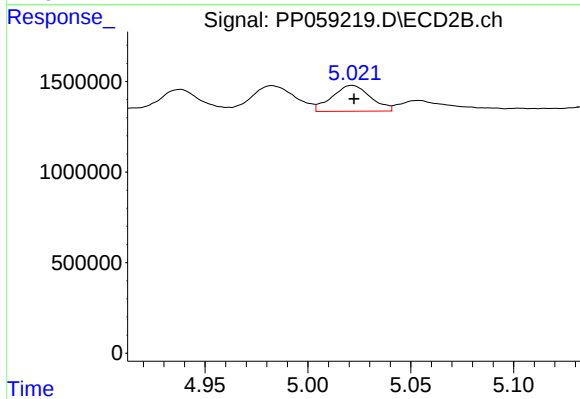
#13 AR-1232-3

R.T.: 4.938 min
Delta R.T.: 0.001 min
Response: 1847896
Conc: 83.28 ng/ml



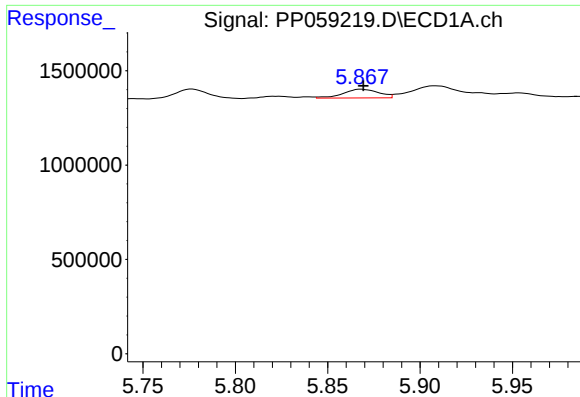
#14 AR-1232-4

R.T.: 5.777 min
Delta R.T.: -0.001 min
Response: 603514
Conc: 45.60 ng/ml



#14 AR-1232-4

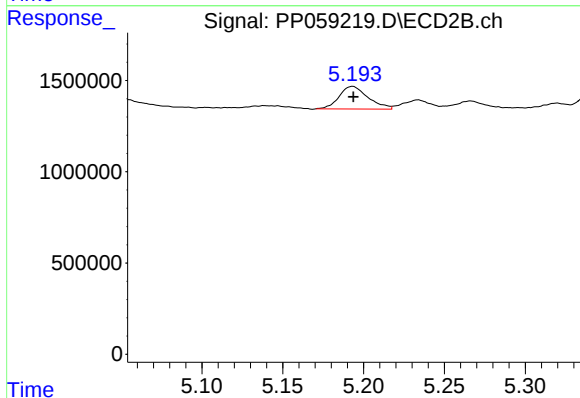
R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 1861916
Conc: 88.18 ng/ml



#15 AR-1232-5

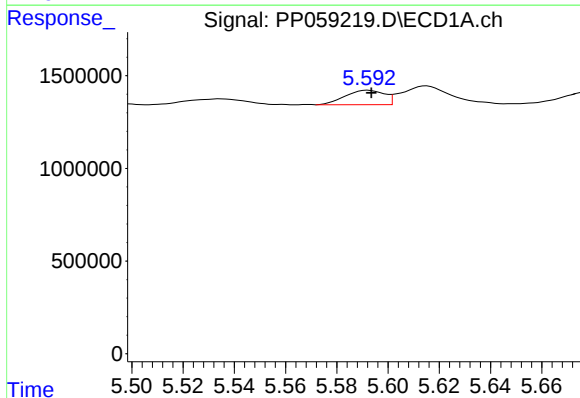
R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 620023
Conc: 54.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



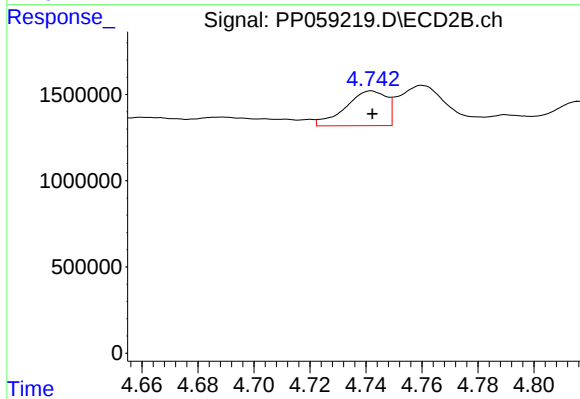
#15 AR-1232-5

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 1548110
Conc: 67.54 ng/ml



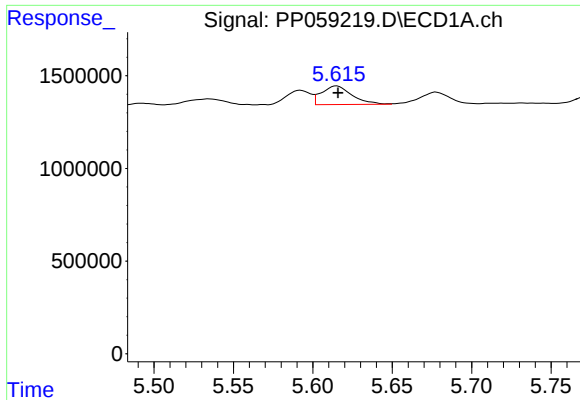
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 829173
Conc: 24.22 ng/ml



#16 AR-1242-1

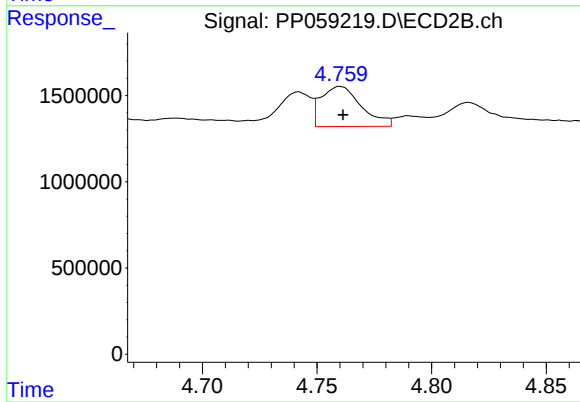
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 2059556
Conc: 36.80 ng/ml



#17 AR-1242-2

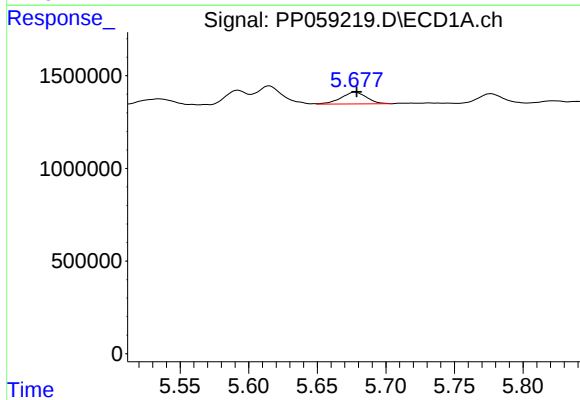
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 1334662
Conc: 27.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



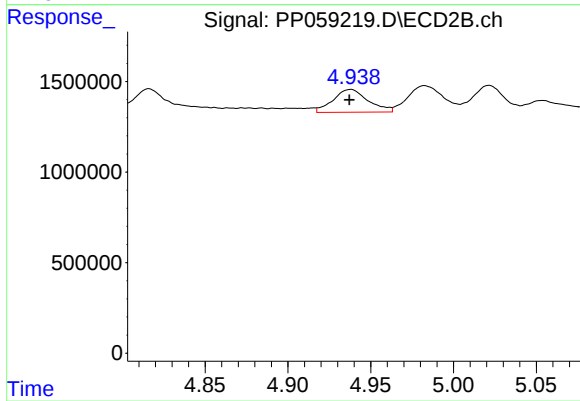
#17 AR-1242-2

R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 2847884
Conc: 35.72 ng/ml



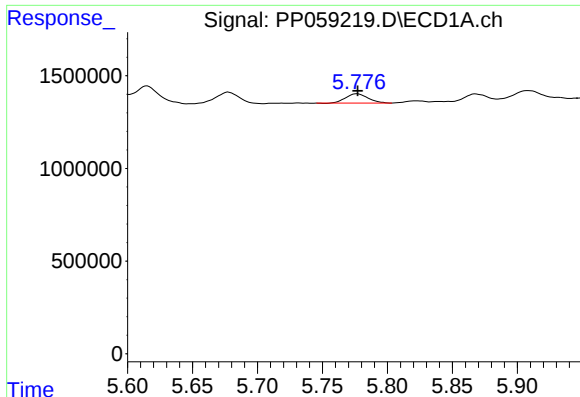
#18 AR-1242-3

R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 822917
Conc: 26.19 ng/ml



#18 AR-1242-3

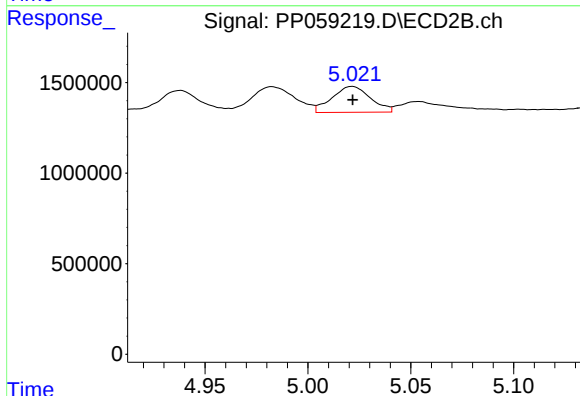
R.T.: 4.938 min
Delta R.T.: 0.001 min
Response: 1847896
Conc: 43.36 ng/ml



#19 AR-1242-4

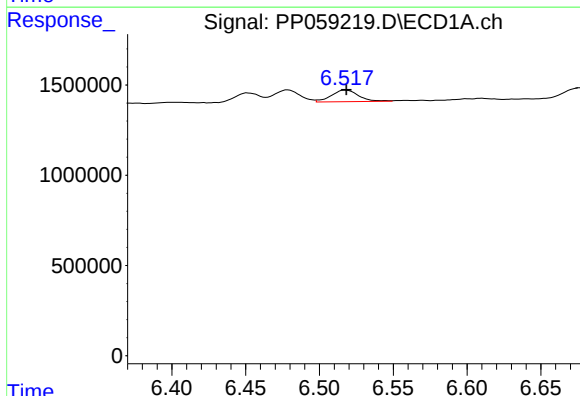
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 603514
Conc: 23.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



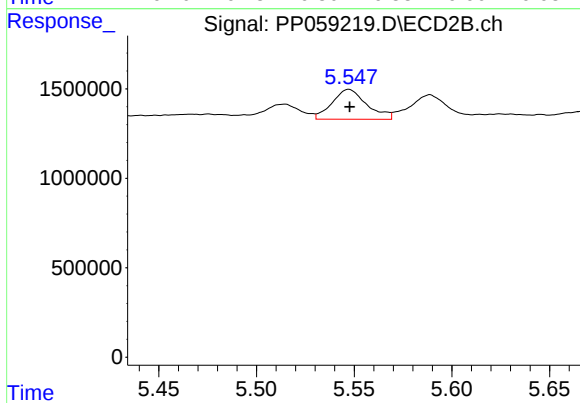
#19 AR-1242-4

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 1861916
Conc: 42.64 ng/ml



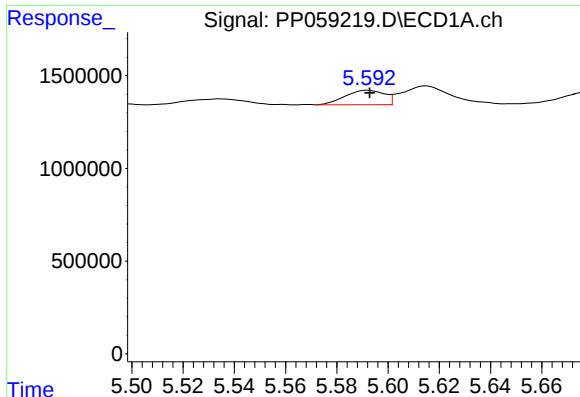
#20 AR-1242-5

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 824225
Conc: 31.90 ng/ml



#20 AR-1242-5

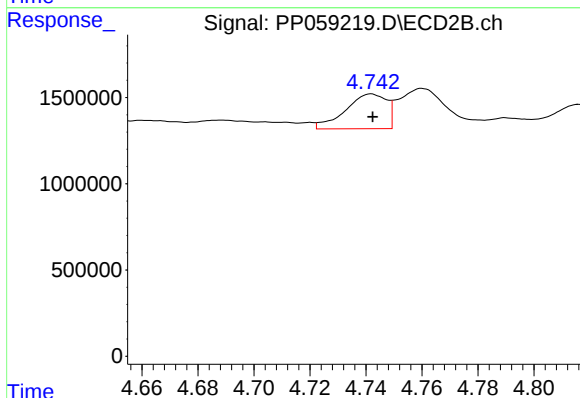
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 2059475
Conc: 41.46 ng/ml



#21 AR-1248-1

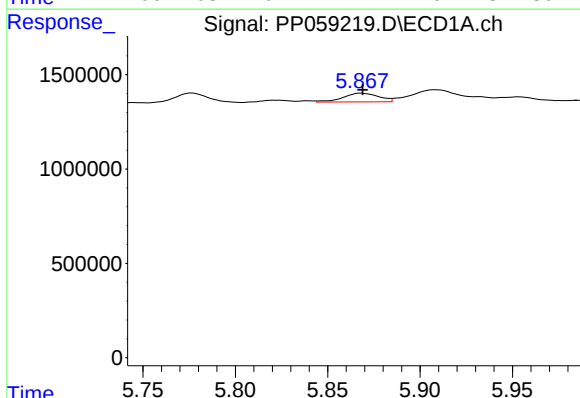
R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 829173
Conc: 32.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



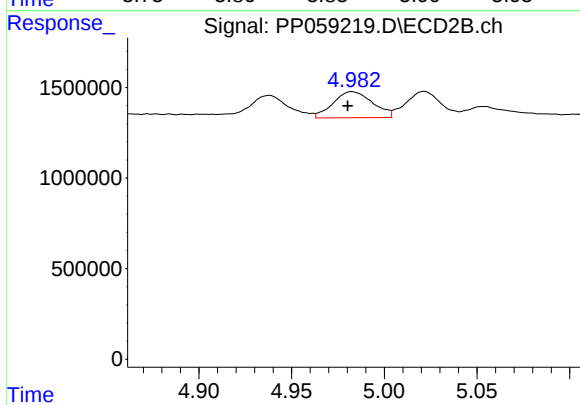
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 2059556
Conc: 50.06 ng/ml



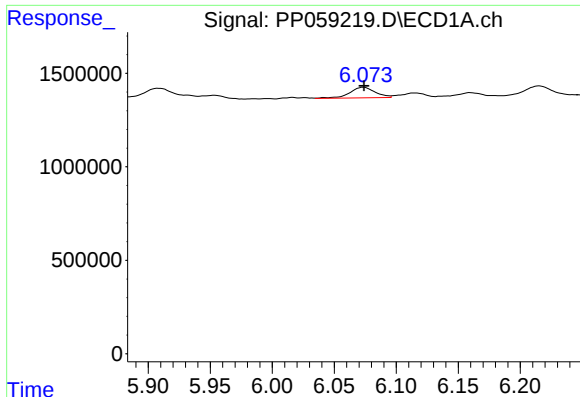
#22 AR-1248-2

R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 620023
Conc: 16.02 ng/ml



#22 AR-1248-2

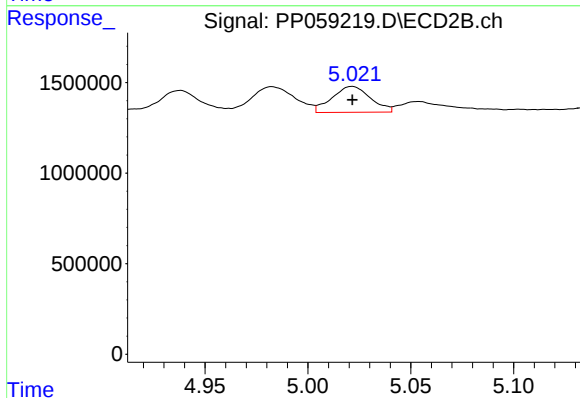
R.T.: 4.983 min
Delta R.T.: 0.002 min
Response: 2127289
Conc: 35.33 ng/ml



#23 AR-1248-3

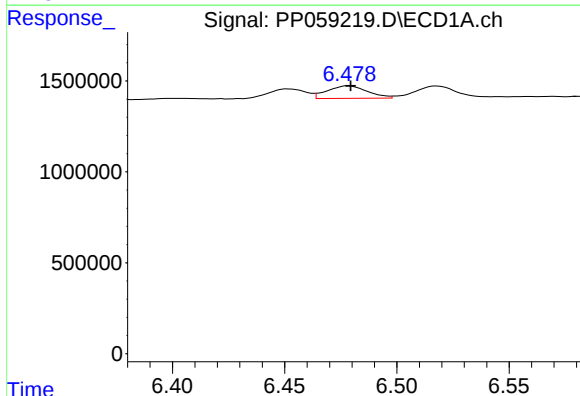
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 812571
Conc: 19.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



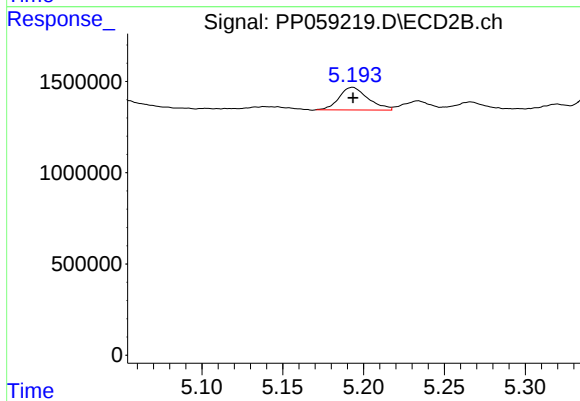
#23 AR-1248-3

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 1861916
Conc: 30.22 ng/ml



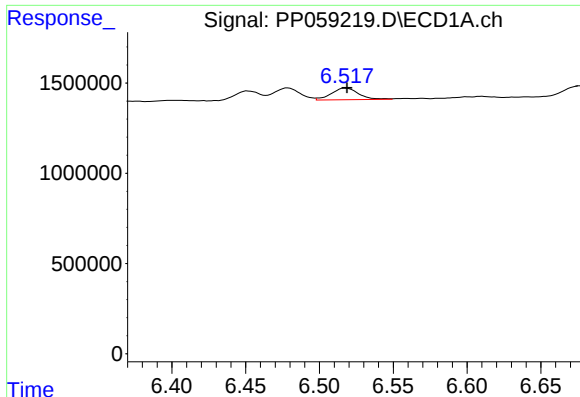
#24 AR-1248-4

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 858149
Conc: 20.61 ng/ml



#24 AR-1248-4

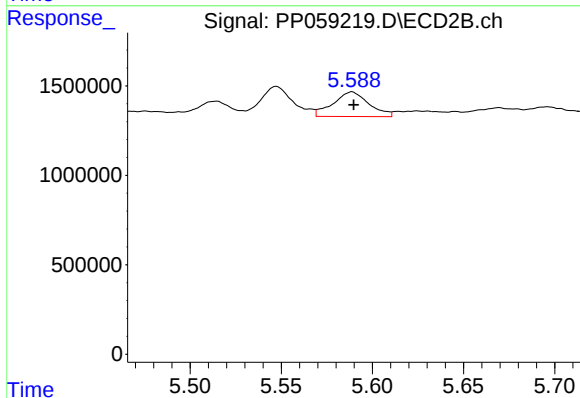
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 1548110
Conc: 21.50 ng/ml



#25 AR-1248-5

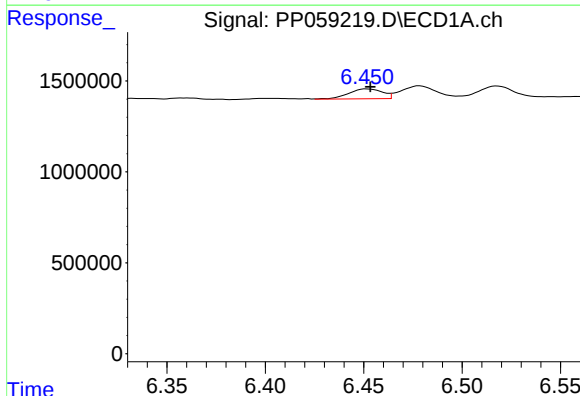
R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 824225
Conc: 20.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



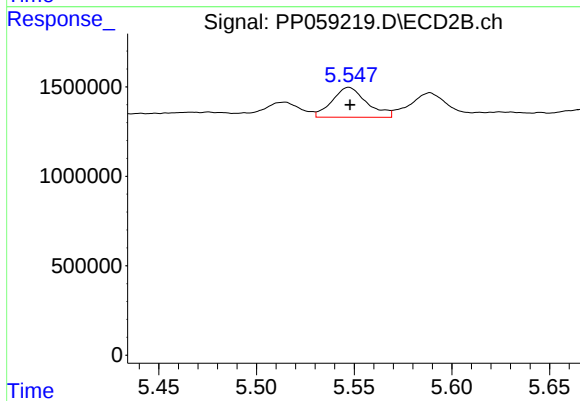
#25 AR-1248-5

R.T.: 5.589 min
Delta R.T.: -0.001 min
Response: 1888203
Conc: 28.62 ng/ml



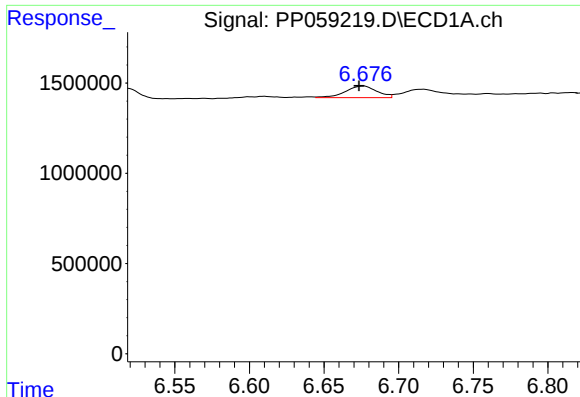
#26 AR-1254-1

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 656928
Conc: 14.06 ng/ml



#26 AR-1254-1

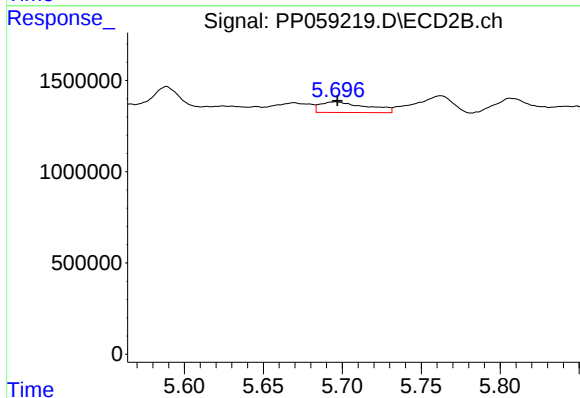
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 2059475
Conc: 20.33 ng/ml



#27 AR-1254-2

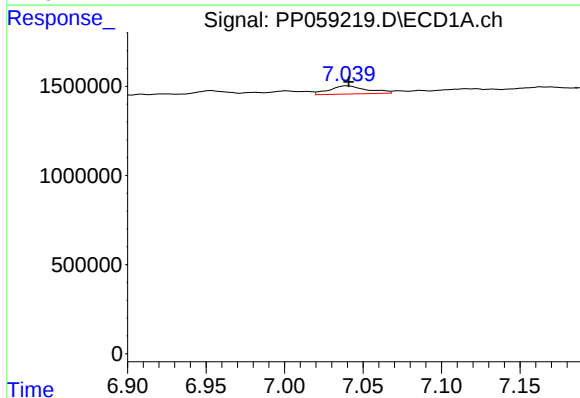
R.T.: 6.676 min
Delta R.T.: 0.003 min
Response: 945068
Conc: 13.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



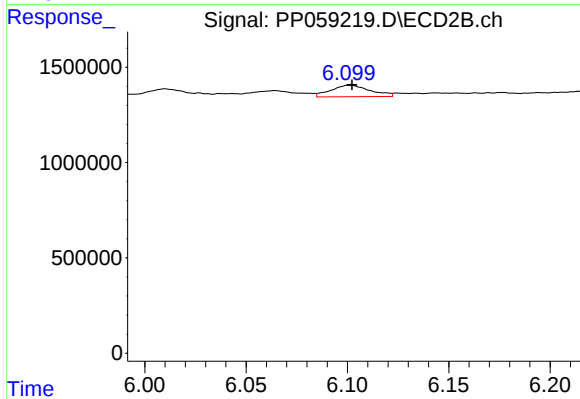
#27 AR-1254-2

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 1198157
Conc: 13.57 ng/ml



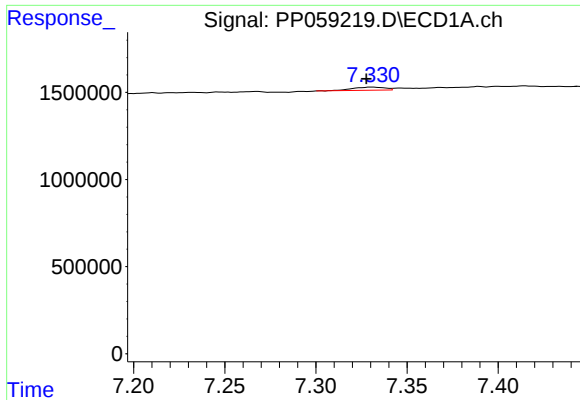
#28 AR-1254-3

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 783199
Conc: 11.35 ng/ml



#28 AR-1254-3

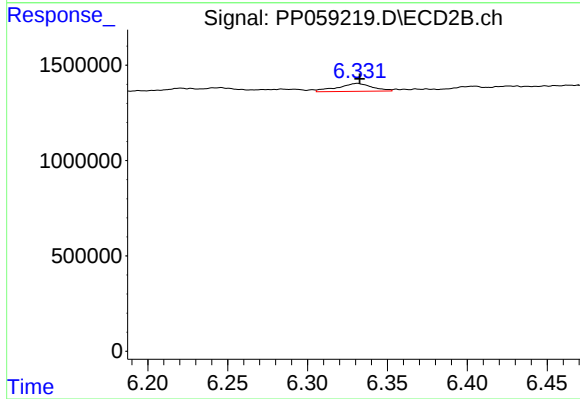
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 813493
Conc: 5.88 ng/ml



#29 AR-1254-4

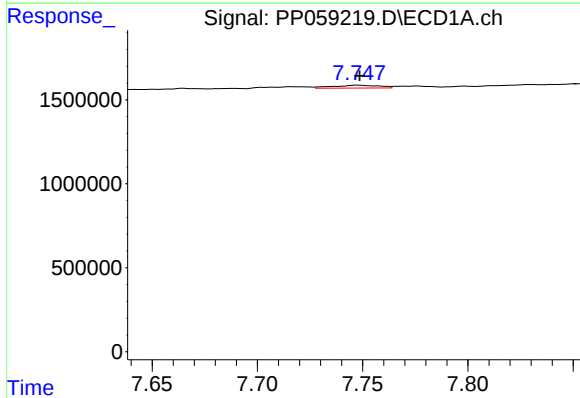
R.T.: 7.331 min
Delta R.T.: 0.003 min
Response: 220942
Conc: 4.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



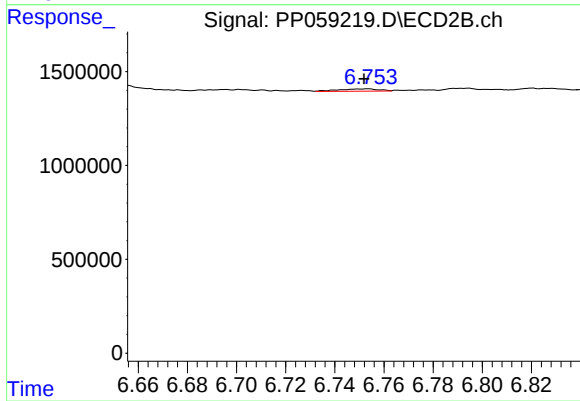
#29 AR-1254-4

R.T.: 6.331 min
Delta R.T.: -0.001 min
Response: 628194
Conc: 7.82 ng/ml



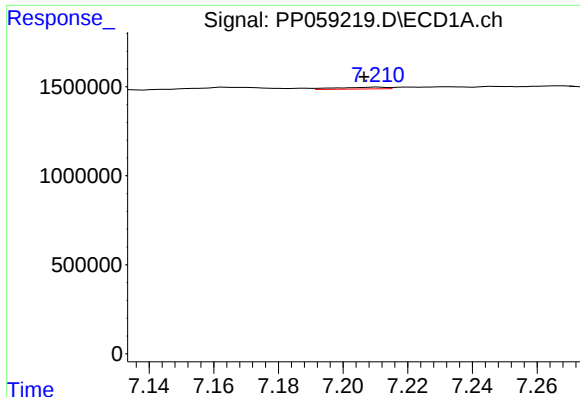
#30 AR-1254-5

R.T.: 7.748 min
Delta R.T.: 0.000 min
Response: 261768
Conc: 5.57 ng/ml



#30 AR-1254-5

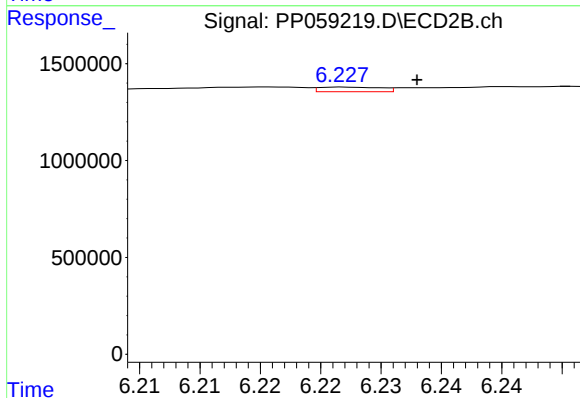
R.T.: 6.754 min
Delta R.T.: 0.002 min
Response: 147809
Conc: 1.24 ng/ml



#31 AR-1260-1

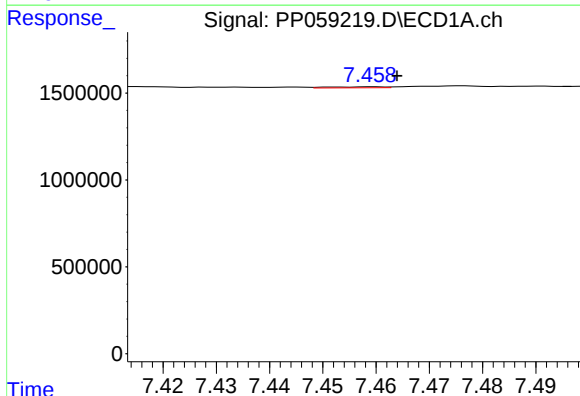
R.T.: 7.210 min
Delta R.T.: 0.004 min
Response: 113613
Conc: 2.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



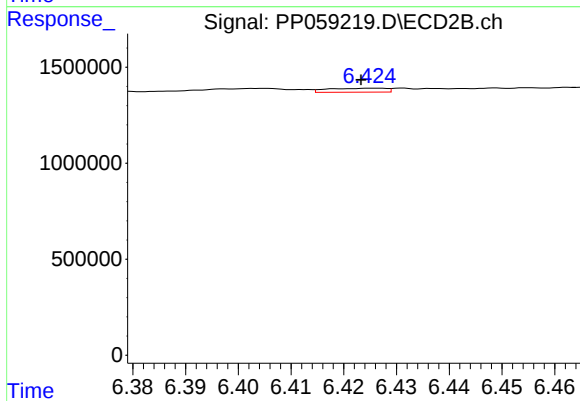
#31 AR-1260-1

R.T.: 6.227 min
Delta R.T.: -0.006 min
Response: 84089
Conc: 0.85 ng/ml



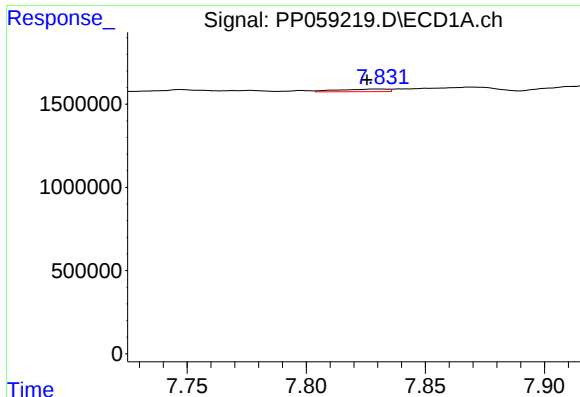
#32 AR-1260-2

R.T.: 7.459 min
Delta R.T.: -0.005 min
Response: 40251
Conc: 0.68 ng/ml



#32 AR-1260-2

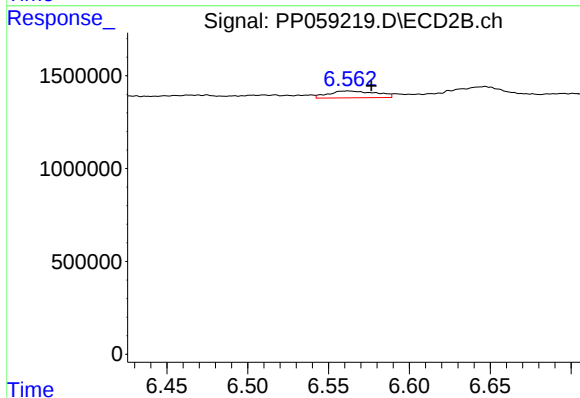
R.T.: 6.426 min
Delta R.T.: 0.003 min
Response: 159510
Conc: 1.38 ng/ml



#33 AR-1260-3

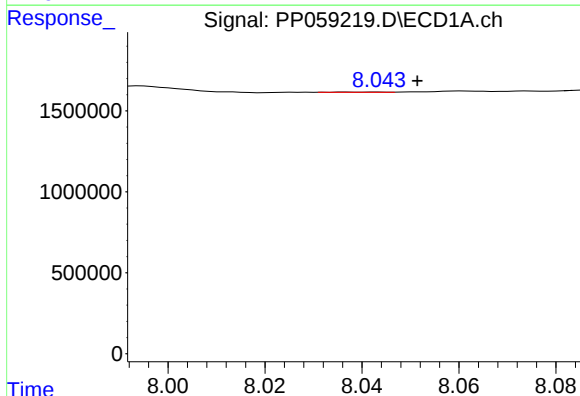
R.T.: 7.831 min
Delta R.T.: 0.006 min
Response: 227675
Conc: 5.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



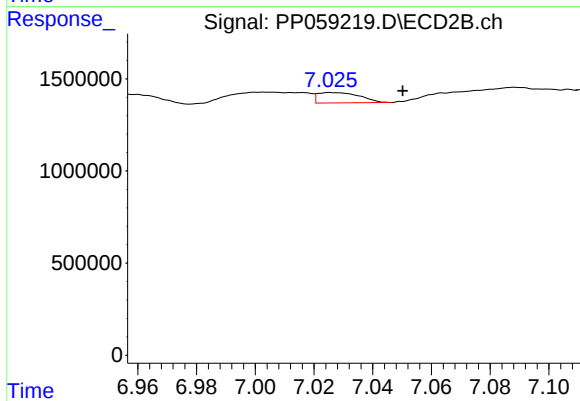
#33 AR-1260-3

R.T.: 6.562 min
Delta R.T.: -0.014 min
Response: 750692
Conc: 6.75 ng/ml



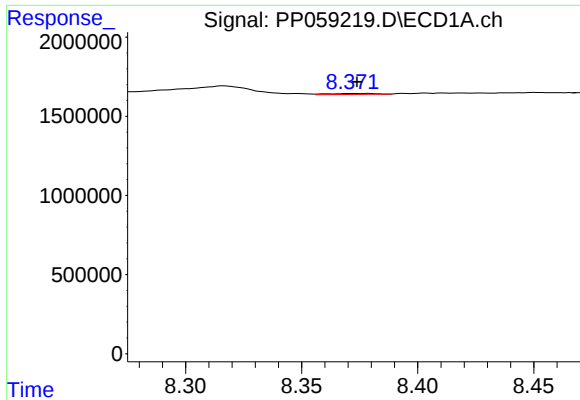
#34 AR-1260-4

R.T.: 8.043 min
Delta R.T.: -0.008 min
Response: 13560
Conc: 0.31 ng/ml



#34 AR-1260-4

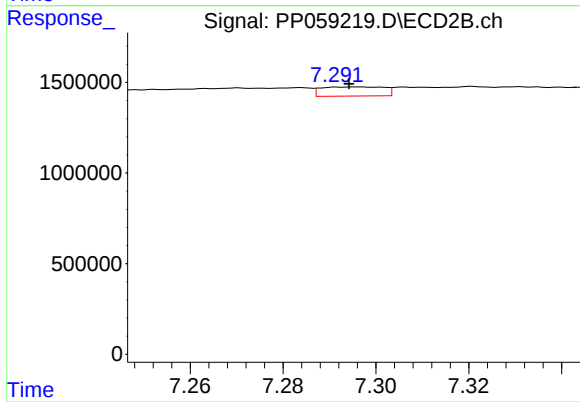
R.T.: 7.025 min
Delta R.T.: -0.025 min
Response: 559049
Conc: 6.45 ng/ml



#35 AR-1260-5

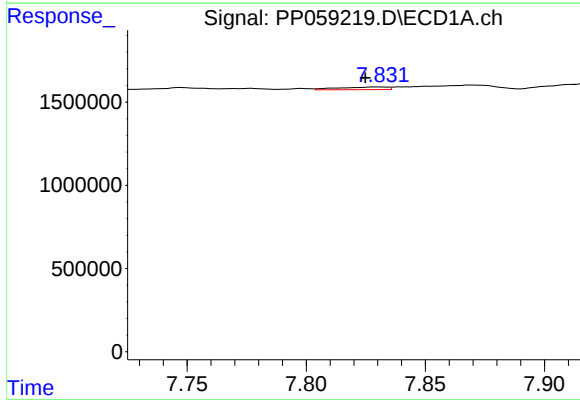
R.T.: 8.379 min
Delta R.T.: 0.005 min
Response: 83305
Conc: 1.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



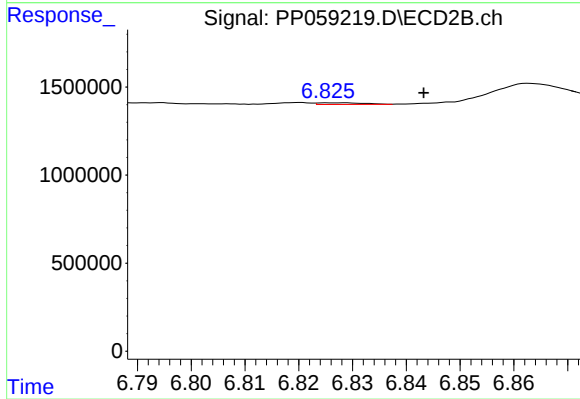
#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: 0.002 min
Response: 474683
Conc: 2.58 ng/ml



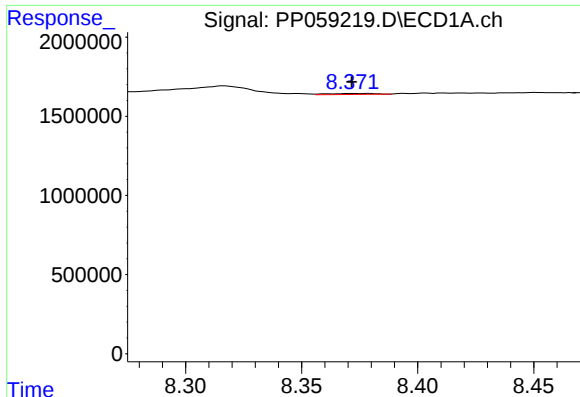
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: 0.006 min
Response: 227675
Conc: 3.57 ng/ml



#36 AR-1262-1

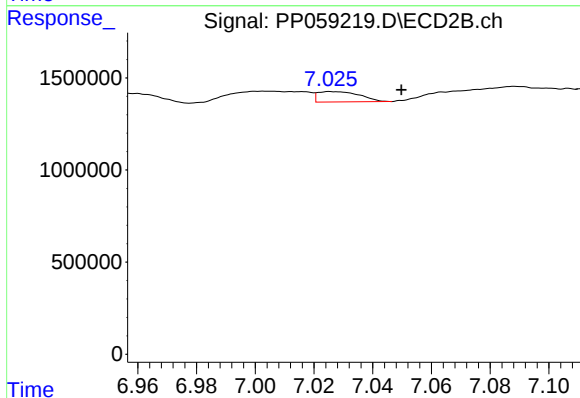
R.T.: 6.829 min
Delta R.T.: -0.015 min
Response: 55728
Conc: 0.97 ng/ml



#37 AR-1262-2

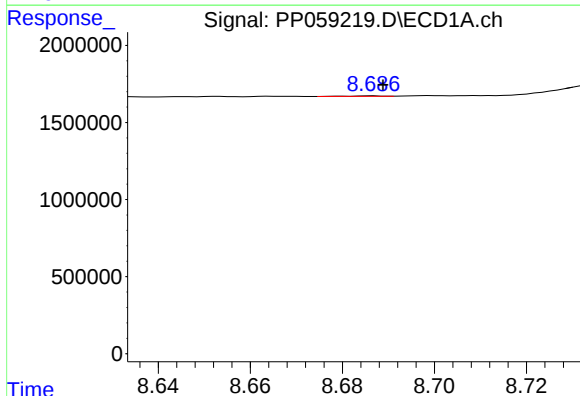
R.T.: 8.379 min
Delta R.T.: 0.007 min
Response: 83305
Conc: 0.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



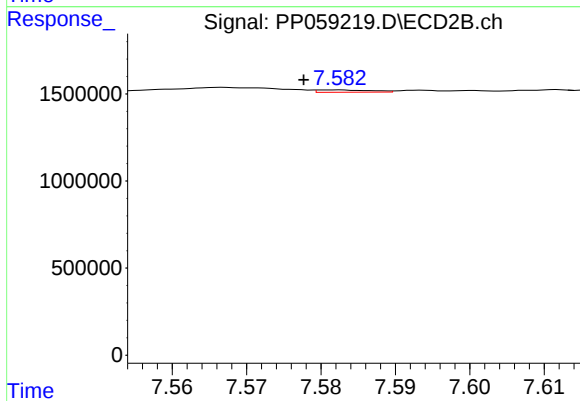
#37 AR-1262-2

R.T.: 7.025 min
Delta R.T.: -0.024 min
Response: 559049
Conc: 4.74 ng/ml



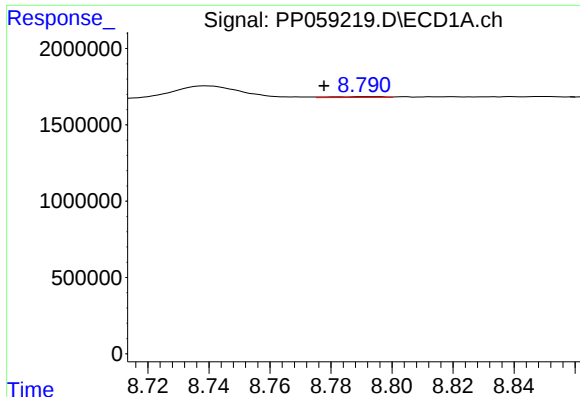
#38 AR-1262-3

R.T.: 8.687 min
Delta R.T.: -0.002 min
Response: 16850
Conc: 0.26 ng/ml



#38 AR-1262-3

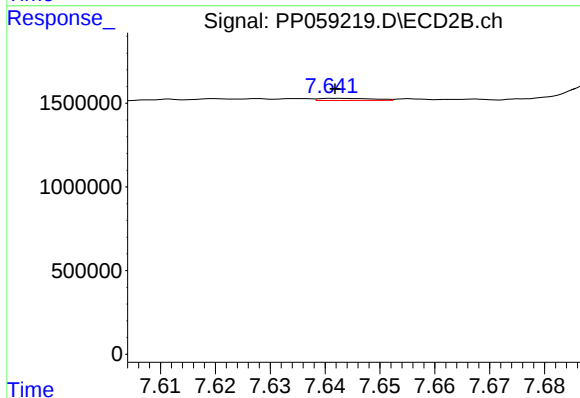
R.T.: 7.582 min
Delta R.T.: 0.004 min
Response: 67279
Conc: 0.79 ng/ml



#39 AR-1262-4

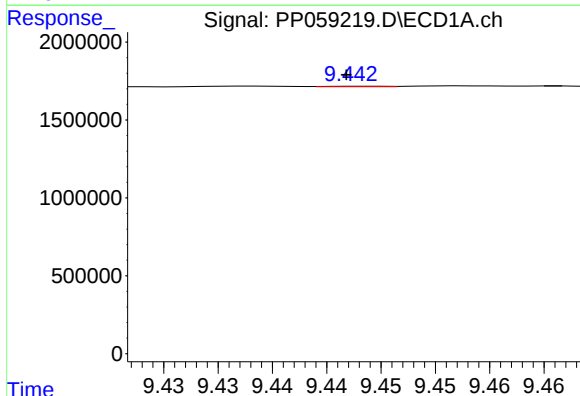
R.T.: 8.791 min
Delta R.T.: 0.014 min
Response: 66718
Conc: 2.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



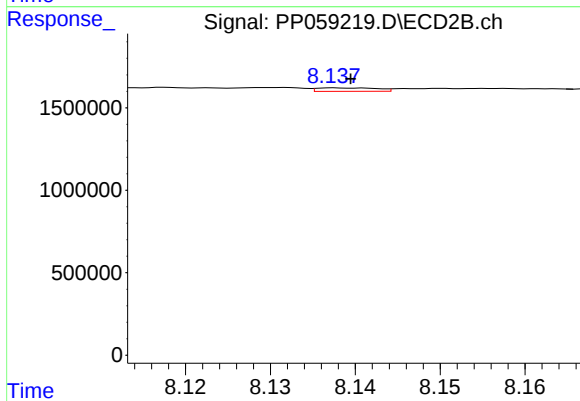
#39 AR-1262-4

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 86814
Conc: 0.57 ng/ml



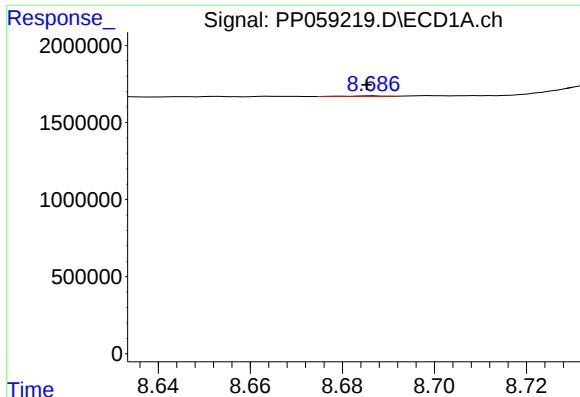
#40 AR-1262-5

R.T.: 9.443 min
Delta R.T.: 0.001 min
Response: 12287
Conc: 0.41 ng/ml



#40 AR-1262-5

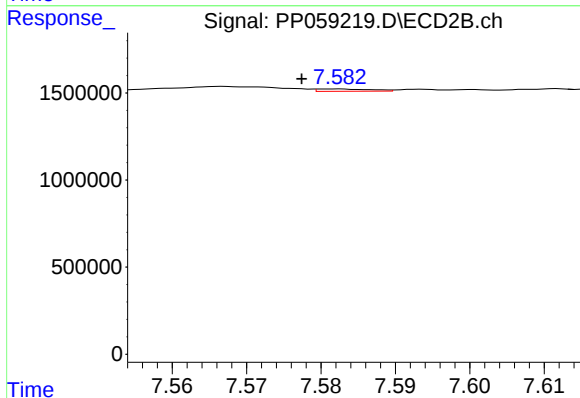
R.T.: 8.138 min
Delta R.T.: -0.002 min
Response: 100656
Conc: 1.58 ng/ml



#41 AR-1268-1

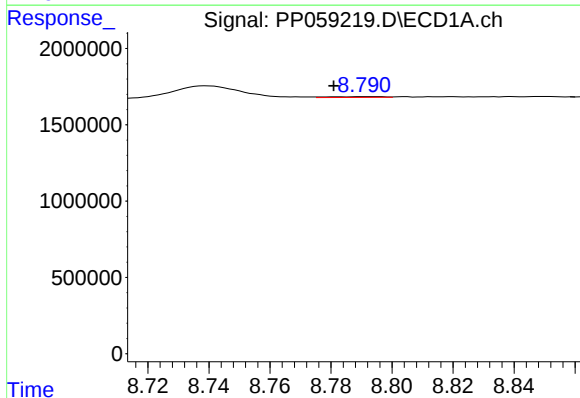
R.T.: 8.687 min
Delta R.T.: 0.001 min
Response: 16850
Conc: 0.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



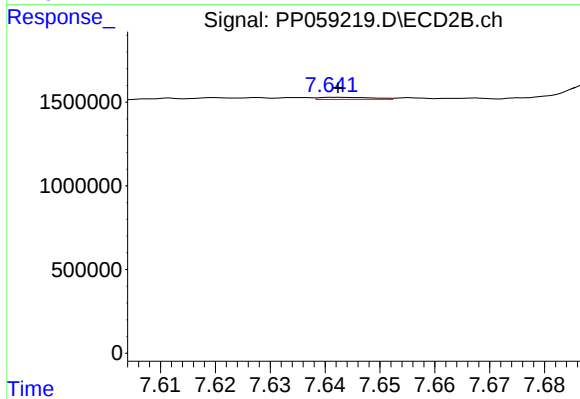
#41 AR-1268-1

R.T.: 7.582 min
Delta R.T.: 0.005 min
Response: 67279
Conc: 0.28 ng/ml



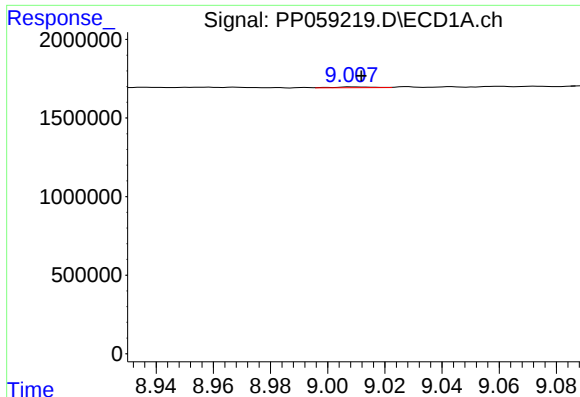
#42 AR-1268-2

R.T.: 8.791 min
Delta R.T.: 0.010 min
Response: 66718
Conc: 0.68 ng/ml



#42 AR-1268-2

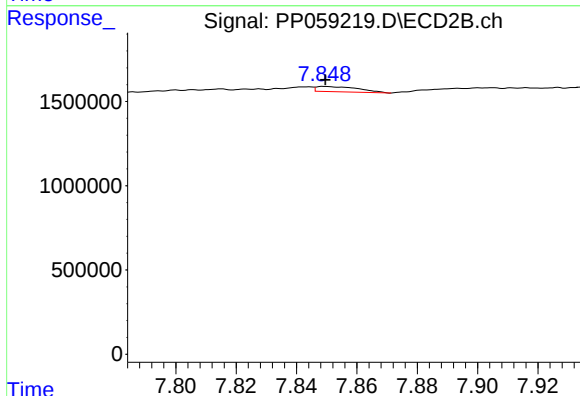
R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 86814
Conc: 0.40 ng/ml



#43 AR-1268-3

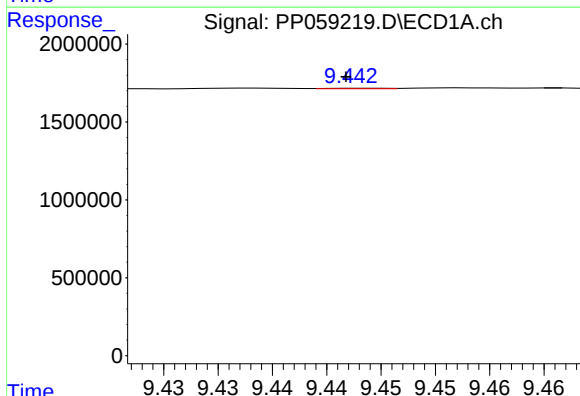
R.T.: 9.009 min
Delta R.T.: -0.003 min
Response: 44805
Conc: 0.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



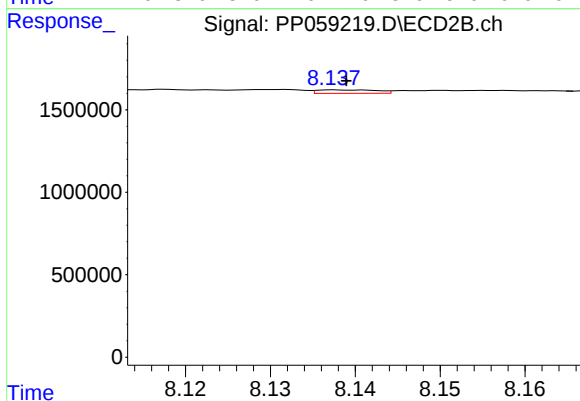
#43 AR-1268-3

R.T.: 7.849 min
Delta R.T.: 0.000 min
Response: 304049
Conc: 1.55 ng/ml



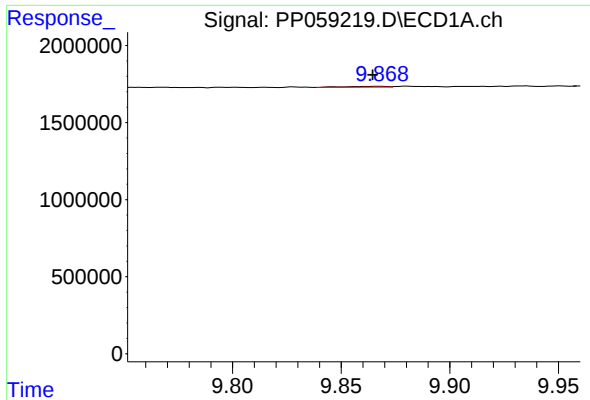
#44 AR-1268-4

R.T.: 9.443 min
Delta R.T.: 0.002 min
Response: 12287
Conc: 0.39 ng/ml



#44 AR-1268-4

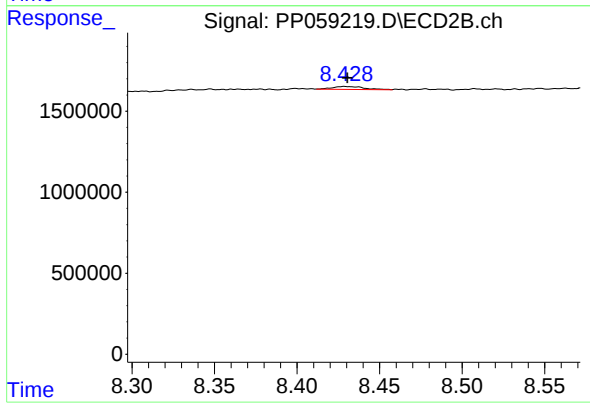
R.T.: 8.138 min
Delta R.T.: -0.001 min
Response: 100656
Conc: 1.45 ng/ml



#45 AR-1268-5

R.T.: 9.867 min
Delta R.T.: 0.003 min
Response: 71514
Conc: 0.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: -0.002 min
Response: 237257
Conc: 0.46 ng/ml