

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080823\
 Data File : PP059251.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 08:57
 Operator : YP\AJ
 Sample : 03572-07
 Misc : AR1248 LOD 40 PPB
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 09:25:06 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	23528711	40019235	19.175	19.751
2)	SA Decachlor...	10.207	8.683	19065082	33134812	24.979	23.553
Target Compounds							
3)	L1 AR-1016-1	5.592	4.741	931318	1889829	23.705	29.465
4)	L1 AR-1016-2	5.614	4.759	1117274	1852985	19.709	20.398
5)	L1 AR-1016-3	5.676	4.937	671540	1359161	18.719	28.288 #
6)	L1 AR-1016-4	5.774	4.979	549708	3553983	18.977	86.071 #
7)	L1 AR-1016-5	6.072	5.191	1641162	2955133	54.229	56.794
8)	L2 AR-1221-1	4.624	3.867	80587	38672	5.115	1.425 #
9)	L2 AR-1221-2	4.724	3.948	604517	743411	51.192	37.339 #
10)	L2 AR-1221-3	4.787	4.029	501348	177364	14.238	2.979 #
11)	L3 AR-1232-1	4.787	4.029	501348	177364	17.055	3.738 #
12)	L3 AR-1232-2	5.321	4.759	420916	1852985	27.004	43.683 #
13)	L3 AR-1232-3	5.614	4.937	1117274	1359161	42.312	61.257 #
14)	L3 AR-1232-4	5.774	5.019	549708	2763258	41.536	130.871 #
15)	L3 AR-1232-5	5.867	5.191	1601380	2955133	140.293	128.917
16)	L4 AR-1242-1	5.592	4.741	931318	1889829	27.207	33.768
17)	L4 AR-1242-2	5.614	4.759	1117274	1852985	22.769	23.239
18)	L4 AR-1242-3	5.676	4.937	671540	1359161	21.374	31.891 #
19)	L4 AR-1242-4	5.774	5.019	549708	2763258	21.436	63.282 #
20)	L4 AR-1242-5	6.517	5.545	1624364	3971728	62.876	79.958 #
21)	L5 AR-1248-1	5.592	4.741	931318	1889829	36.694	45.939 #
22)	L5 AR-1248-2	5.867	4.979	1601380	3553983	41.374	59.019 #
23)	L5 AR-1248-3	6.072	5.019	1641162	2763258	38.848	44.851
24)	L5 AR-1248-4	6.478	5.191	1690748	2955133	40.609	41.046
25)	L5 AR-1248-5	6.517	5.587	1624364	2665248	39.821	40.392
26)	L6 AR-1254-1	6.450	5.545	1337323	3971728	28.627	39.202 #
27)	L6 AR-1254-2	6.674	5.694	1864947	1275608	27.104	14.450 #
28)	L6 AR-1254-3	7.038	6.098	1148079	1769651	16.634	12.801
29)	L6 AR-1254-4	7.325	6.330	698907	1068424	15.526	13.292
30)	L6 AR-1254-5	7.748	6.749	328796	313266	6.998	2.620 #
31)	L7 AR-1260-1	7.207	6.242	125530	729242	2.294	7.363 #
32)	L7 AR-1260-2	7.476	6.419	249873	233085	4.197	2.014 #
33)	L7 AR-1260-3	7.830	6.578	65682	183909	1.669	1.653
34)	L7 AR-1260-4	8.035	7.062	28737	124862	0.647	1.440 #
35)	L7 AR-1260-5	8.372	7.285	28873	381905	0.361	2.072 #
36)	L8 AR-1262-1	7.830	6.837	65682	13557	1.031	0.236 #
37)	L8 AR-1262-2	8.372	7.062	28873	124862	0.314	1.058 #
38)	L8 AR-1262-3	8.695	7.584	33876	24102	0.526	0.283 #
39)	L8 AR-1262-4	8.780	7.639	23218	111070	0.699	0.735
40)	L8 AR-1262-5	9.437	8.146	26052	67415	0.873	1.057
41)	L9 AR-1268-1	8.676	7.584	2982	24102	0.026	0.099 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080823\
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 Misc : AR1248 LOD 40 PPB
 ALS Vial : 46 Sample Multiplier: 1

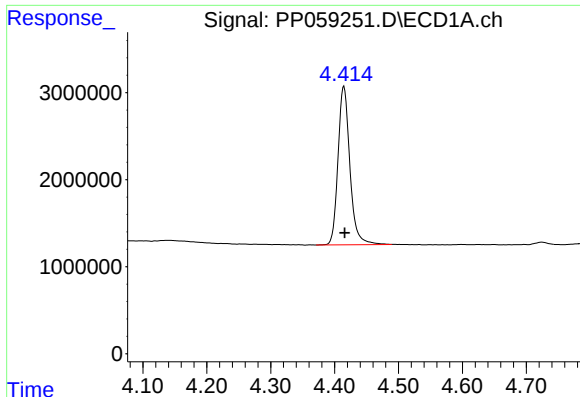
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 09:25:06 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	8.780	7.645	23218	29426	0.236	0.134 #
43) L9	AR-1268-3	9.005	7.851	58920	257555	0.636	1.317 #
44) L9	AR-1268-4	9.437	8.146	26052	67415	0.817	0.969
45) L9	AR-1268-5	9.864	8.426	81110	191288	0.299	0.369

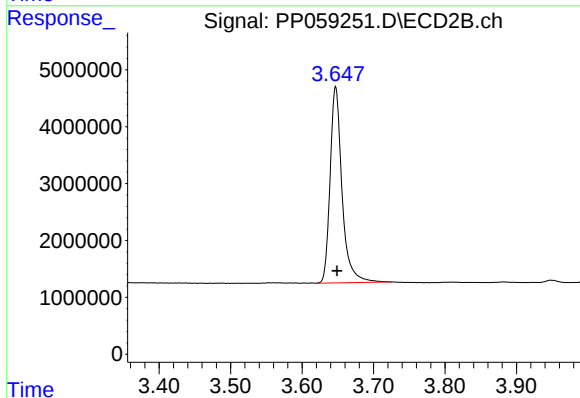
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

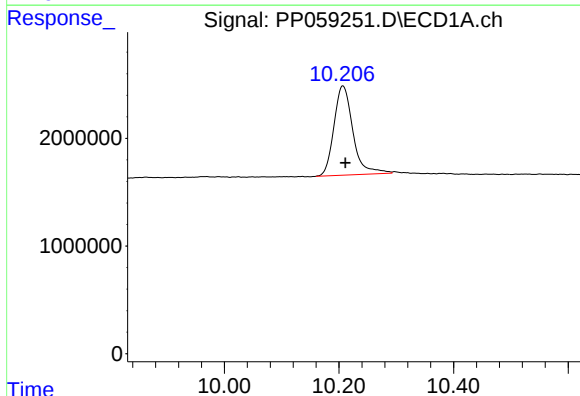
R.T.: 4.415 min
Delta R.T.: -0.001 min
Response: 23528711
Conc: 19.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



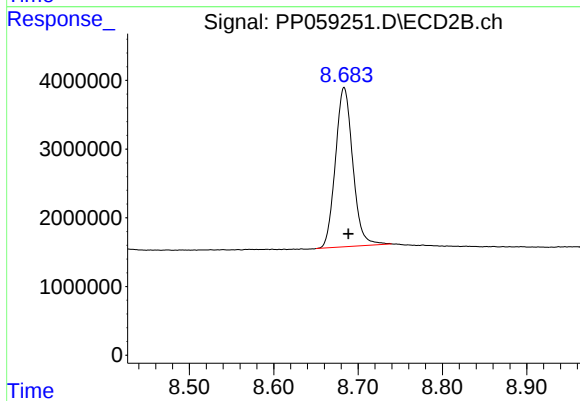
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.002 min
Response: 40019235
Conc: 19.75 ng/ml



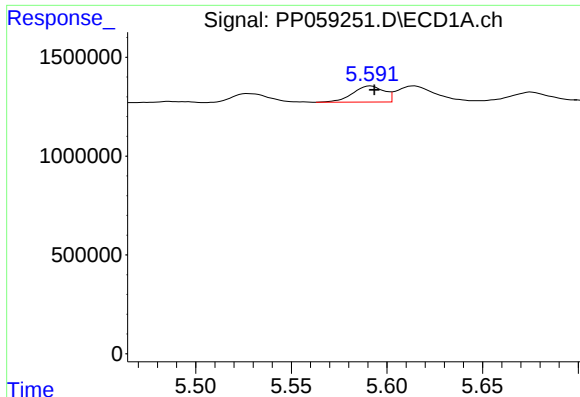
#2 Decachlorobiphenyl

R.T.: 10.207 min
Delta R.T.: -0.005 min
Response: 19065082
Conc: 24.98 ng/ml



#2 Decachlorobiphenyl

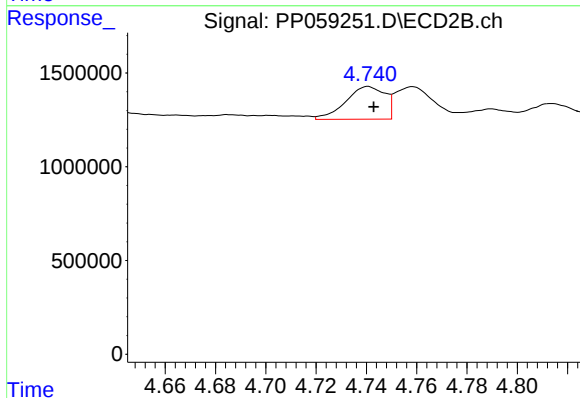
R.T.: 8.683 min
Delta R.T.: -0.005 min
Response: 33134812
Conc: 23.55 ng/ml



#3 AR-1016-1

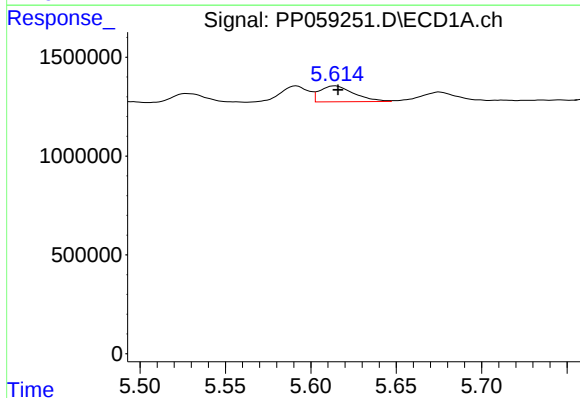
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 931318
Conc: 23.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



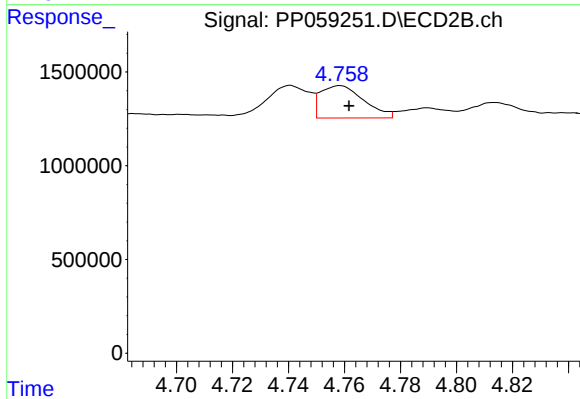
#3 AR-1016-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 1889829
Conc: 29.47 ng/ml



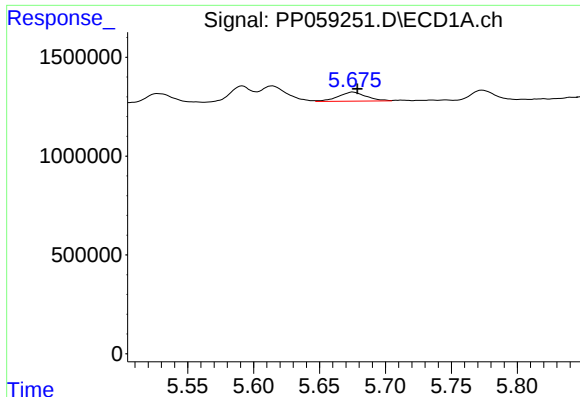
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 1117274
Conc: 19.71 ng/ml



#4 AR-1016-2

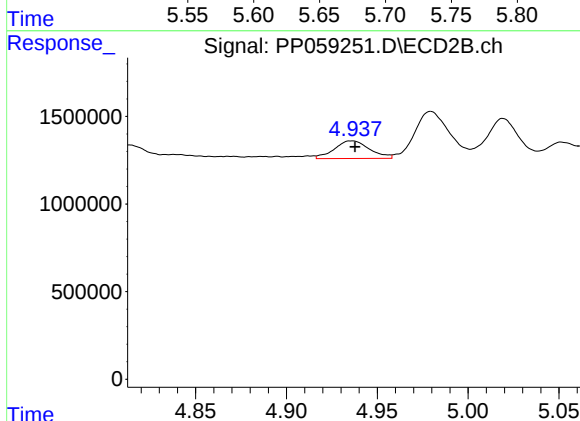
R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 1852985
Conc: 20.40 ng/ml



#5 AR-1016-3

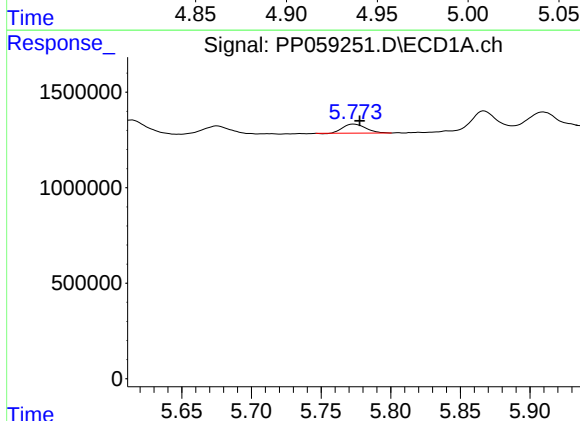
R.T.: 5.676 min
Delta R.T.: -0.003 min
Response: 671540
Conc: 18.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



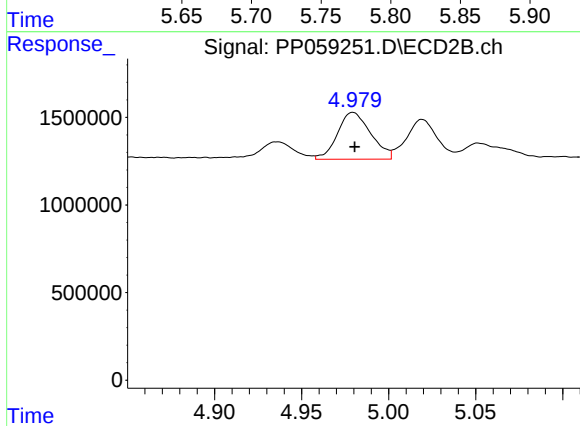
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 1359161
Conc: 28.29 ng/ml



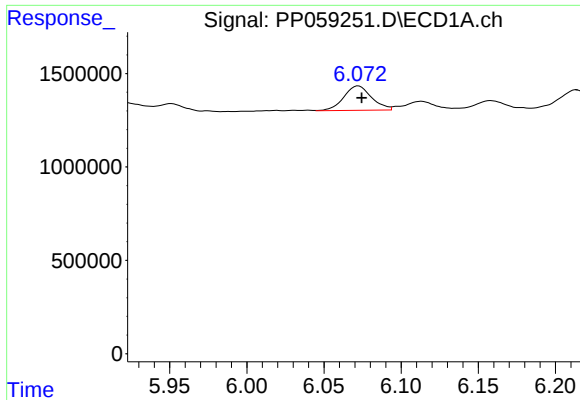
#6 AR-1016-4

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 549708
Conc: 18.98 ng/ml



#6 AR-1016-4

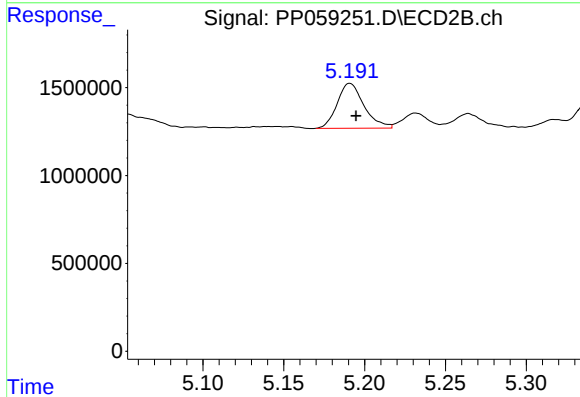
R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 3553983
Conc: 86.07 ng/ml



#7 AR-1016-5

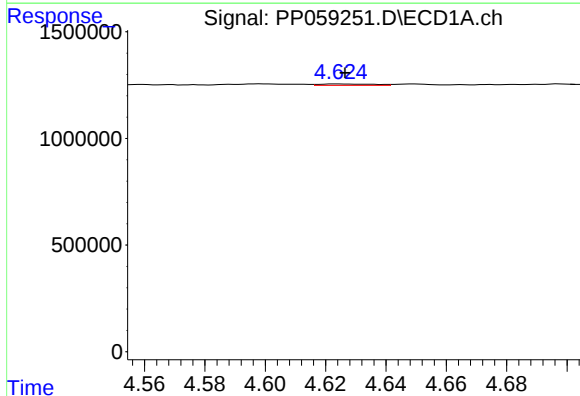
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 1641162
Conc: 54.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



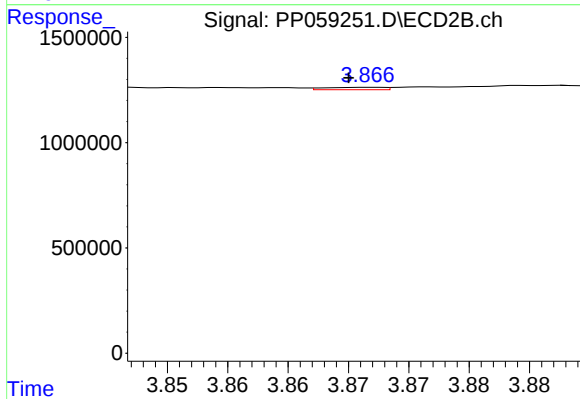
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: -0.004 min
Response: 2955133
Conc: 56.79 ng/ml



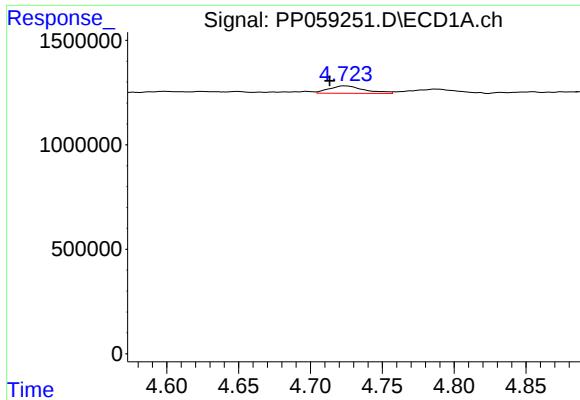
#8 AR-1221-1

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 80587
Conc: 5.12 ng/ml



#8 AR-1221-1

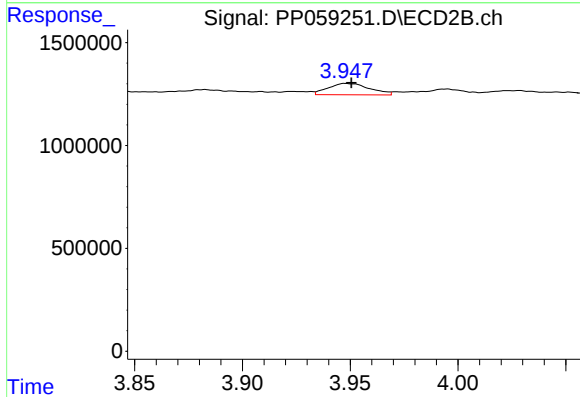
R.T.: 3.867 min
Delta R.T.: 0.002 min
Response: 38672
Conc: 1.42 ng/ml



#9 AR-1221-2

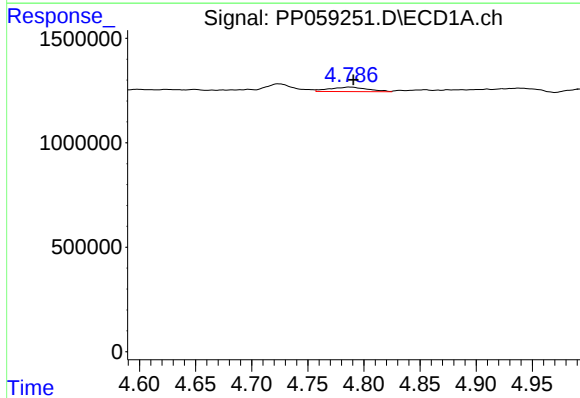
R.T.: 4.724 min
Delta R.T.: 0.011 min
Response: 604517
Conc: 51.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



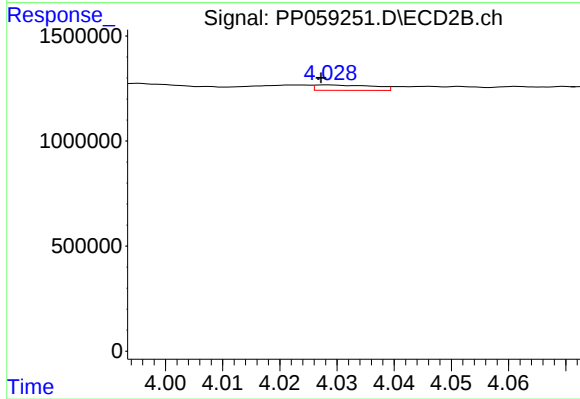
#9 AR-1221-2

R.T.: 3.948 min
Delta R.T.: -0.003 min
Response: 743411
Conc: 37.34 ng/ml



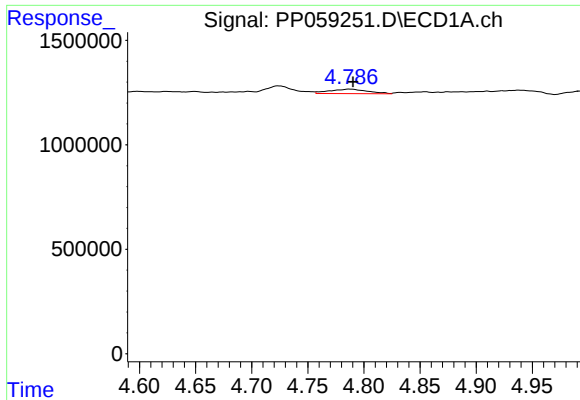
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 501348
Conc: 14.24 ng/ml



#10 AR-1221-3

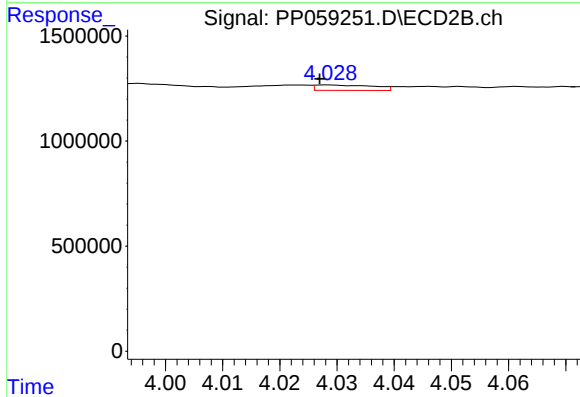
R.T.: 4.029 min
Delta R.T.: 0.002 min
Response: 177364
Conc: 2.98 ng/ml



#11 AR-1232-1

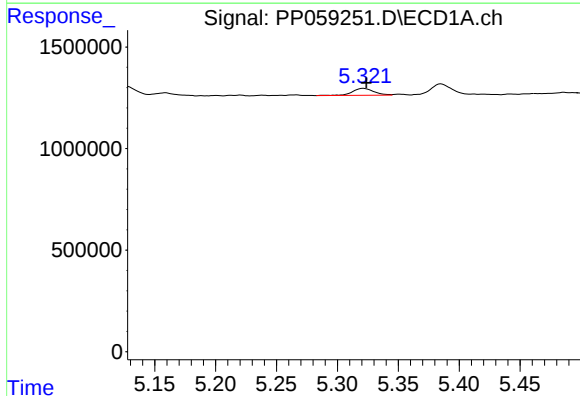
R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 501348
Conc: 17.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



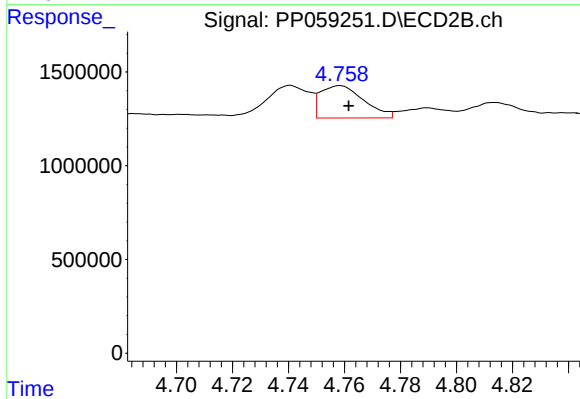
#11 AR-1232-1

R.T.: 4.029 min
Delta R.T.: 0.002 min
Response: 177364
Conc: 3.74 ng/ml



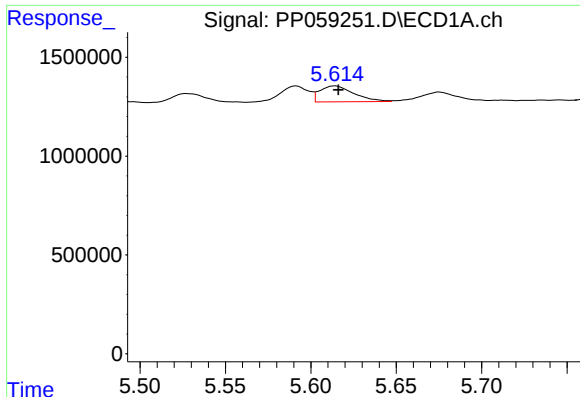
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: -0.002 min
Response: 420916
Conc: 27.00 ng/ml



#12 AR-1232-2

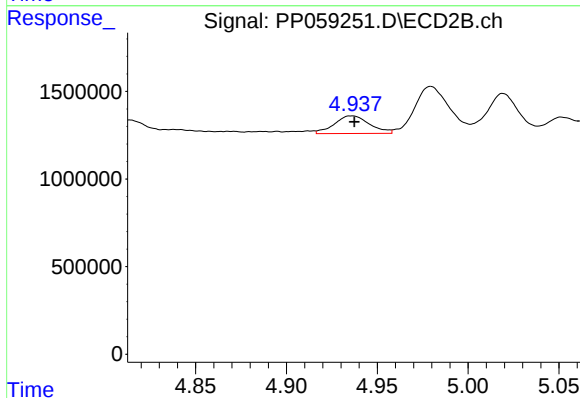
R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 1852985
Conc: 43.68 ng/ml



#13 AR-1232-3

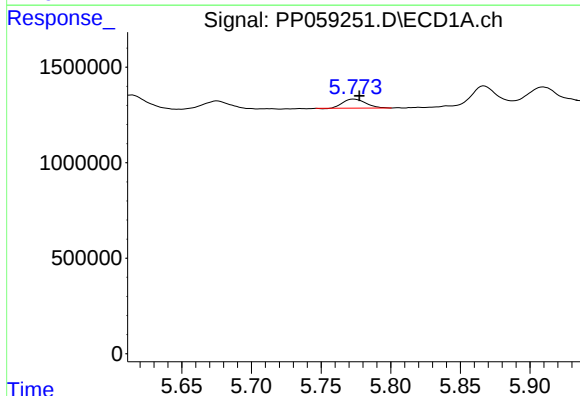
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 1117274
Conc: 42.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



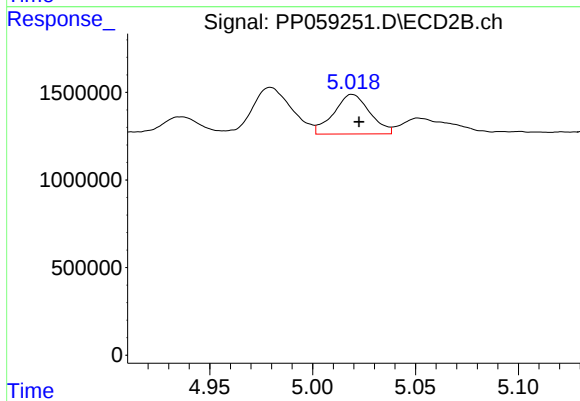
#13 AR-1232-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 1359161
Conc: 61.26 ng/ml



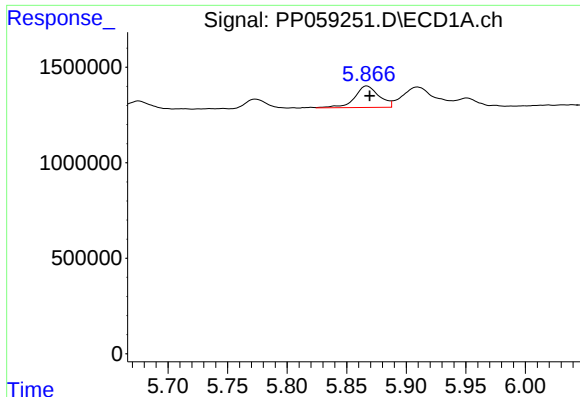
#14 AR-1232-4

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 549708
Conc: 41.54 ng/ml



#14 AR-1232-4

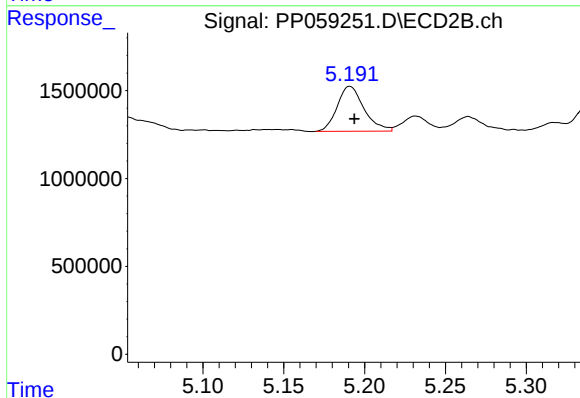
R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 2763258
Conc: 130.87 ng/ml



#15 AR-1232-5

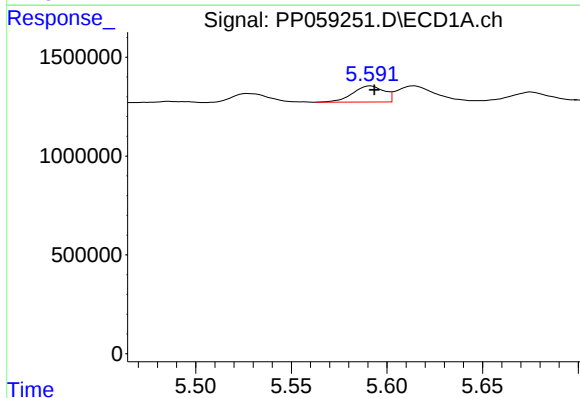
R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 1601380
Conc: 140.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



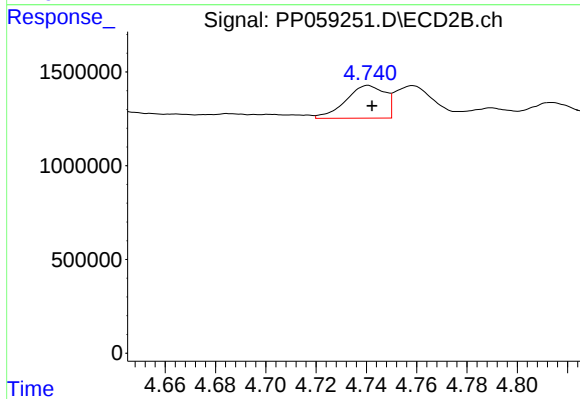
#15 AR-1232-5

R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 2955133
Conc: 128.92 ng/ml



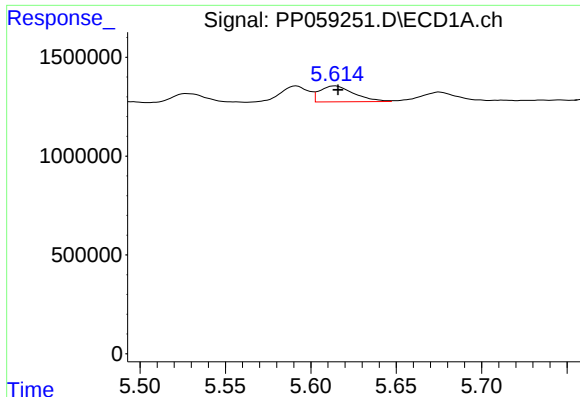
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 931318
Conc: 27.21 ng/ml



#16 AR-1242-1

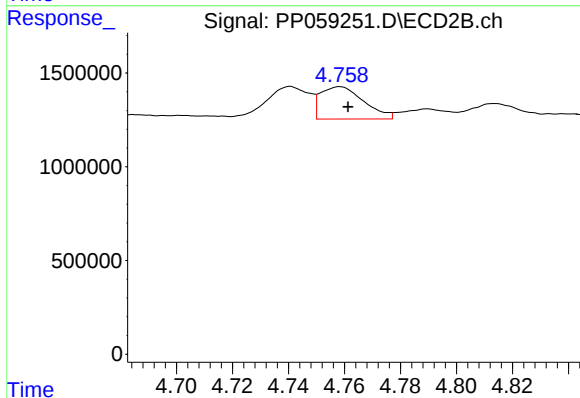
R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 1889829
Conc: 33.77 ng/ml



#17 AR-1242-2

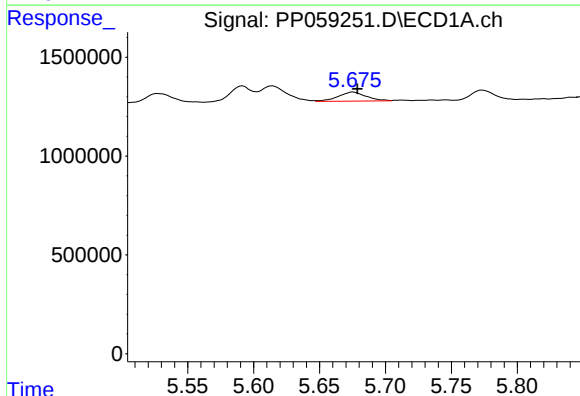
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 1117274
Conc: 22.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



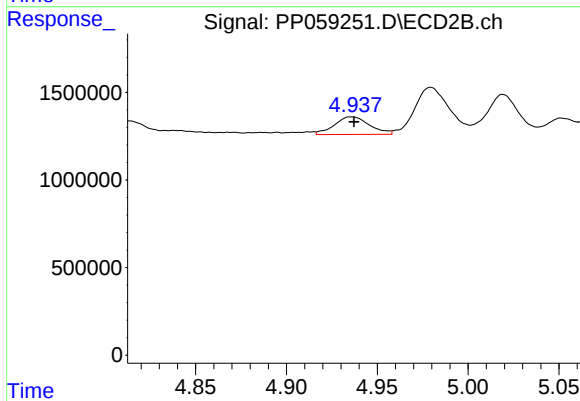
#17 AR-1242-2

R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 1852985
Conc: 23.24 ng/ml



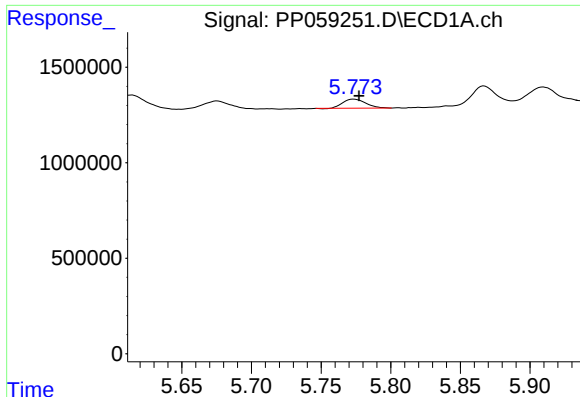
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: -0.003 min
Response: 671540
Conc: 21.37 ng/ml



#18 AR-1242-3

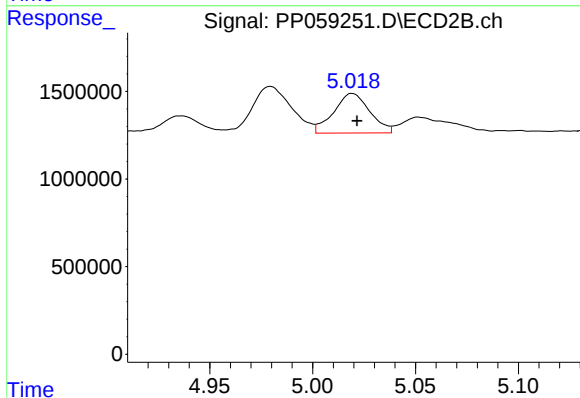
R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 1359161
Conc: 31.89 ng/ml



#19 AR-1242-4

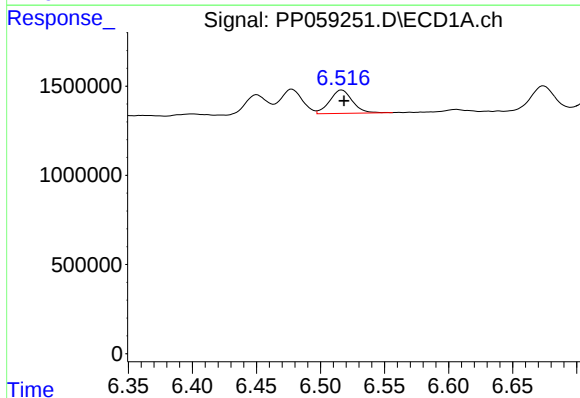
R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 549708
Conc: 21.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



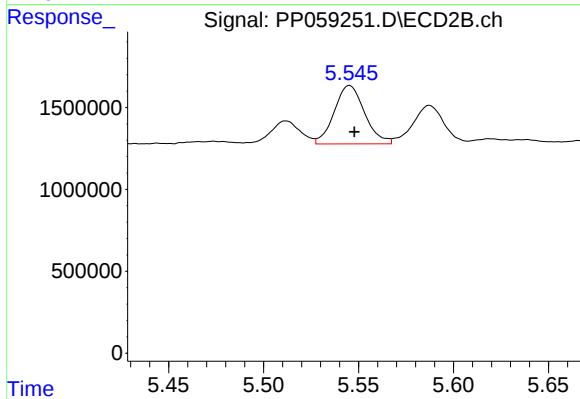
#19 AR-1242-4

R.T.: 5.019 min
Delta R.T.: -0.003 min
Response: 2763258
Conc: 63.28 ng/ml



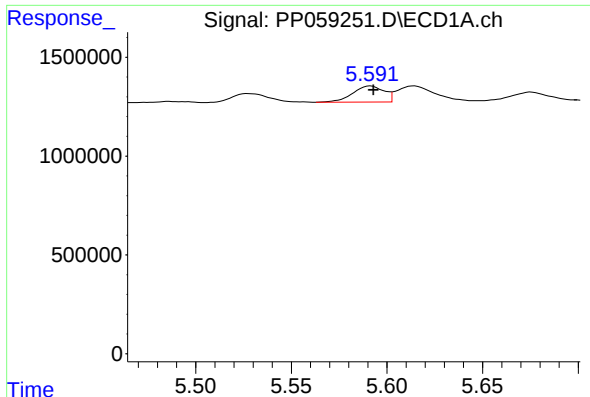
#20 AR-1242-5

R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 1624364
Conc: 62.88 ng/ml



#20 AR-1242-5

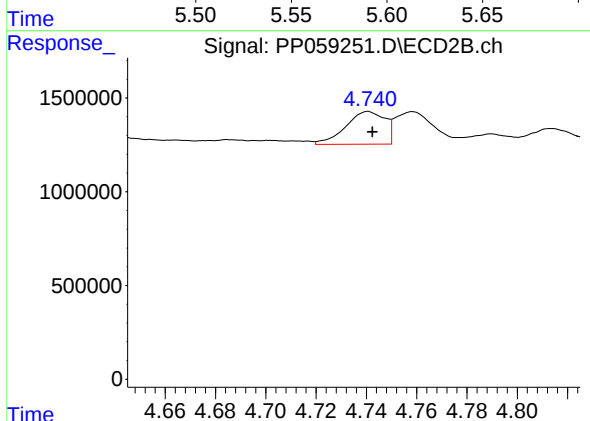
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 3971728
Conc: 79.96 ng/ml



#21 AR-1248-1

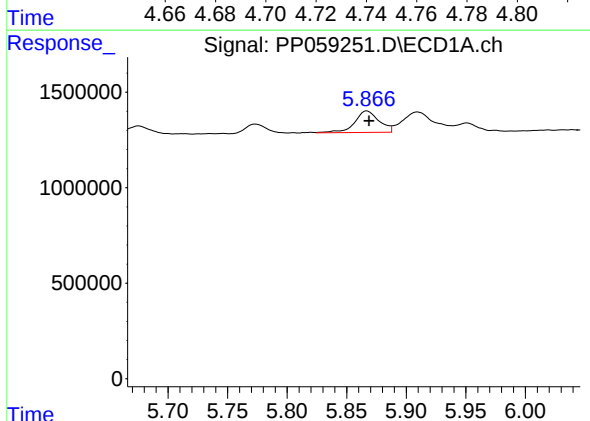
R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 931318
Conc: 36.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



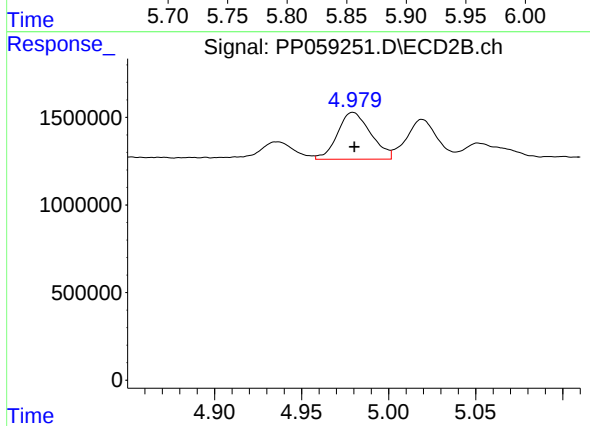
#21 AR-1248-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 1889829
Conc: 45.94 ng/ml



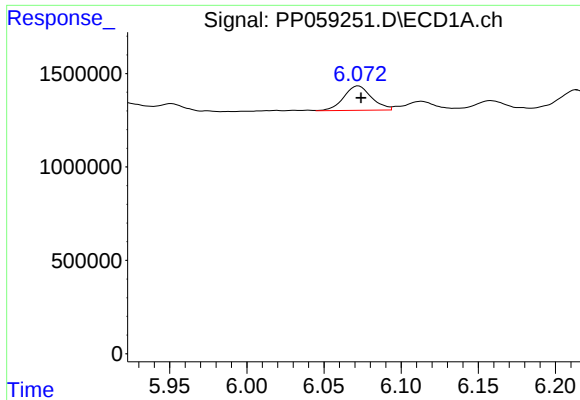
#22 AR-1248-2

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 1601380
Conc: 41.37 ng/ml



#22 AR-1248-2

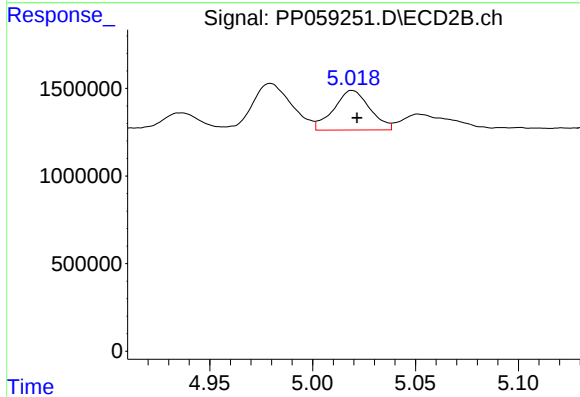
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 3553983
Conc: 59.02 ng/ml



#23 AR-1248-3

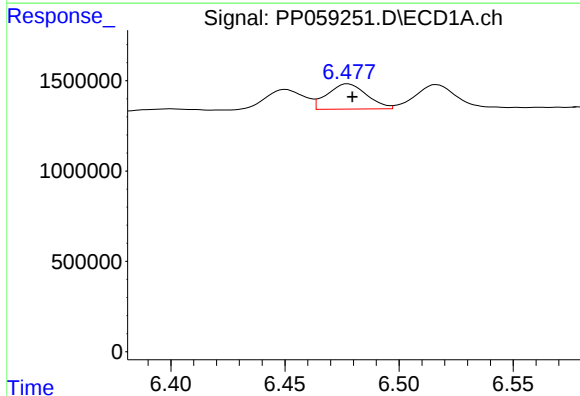
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 1641162
Conc: 38.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



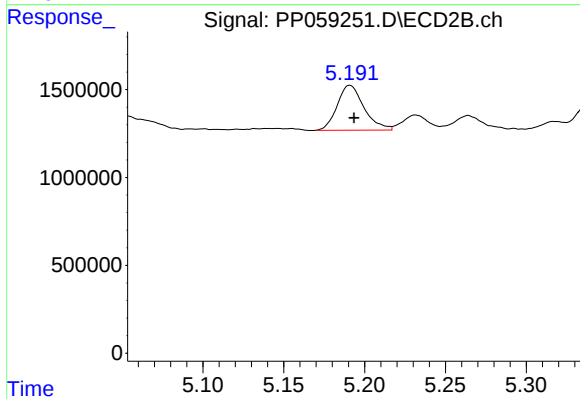
#23 AR-1248-3

R.T.: 5.019 min
Delta R.T.: -0.003 min
Response: 2763258
Conc: 44.85 ng/ml



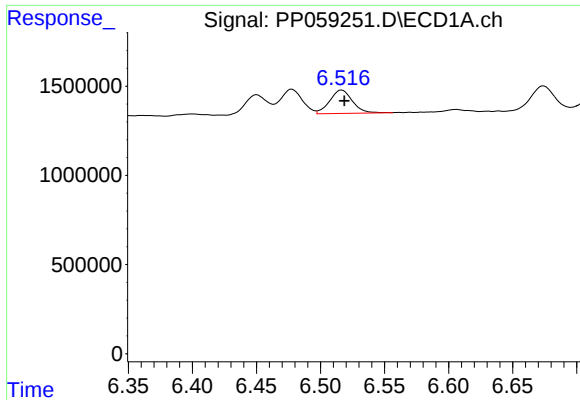
#24 AR-1248-4

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 1690748
Conc: 40.61 ng/ml



#24 AR-1248-4

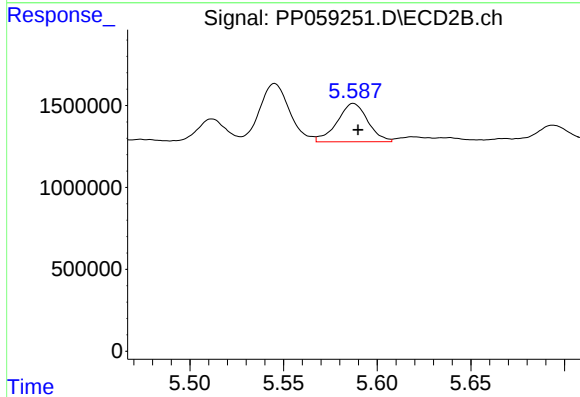
R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 2955133
Conc: 41.05 ng/ml



#25 AR-1248-5

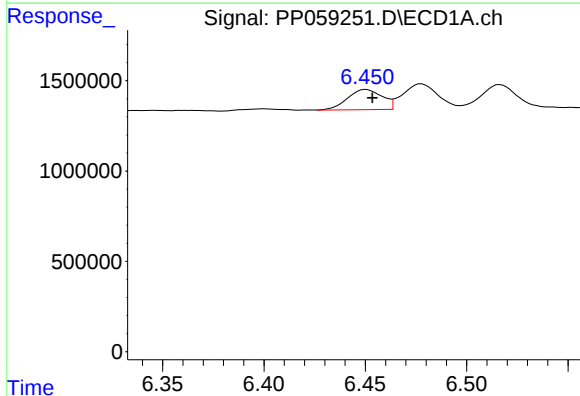
R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 1624364
Conc: 39.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



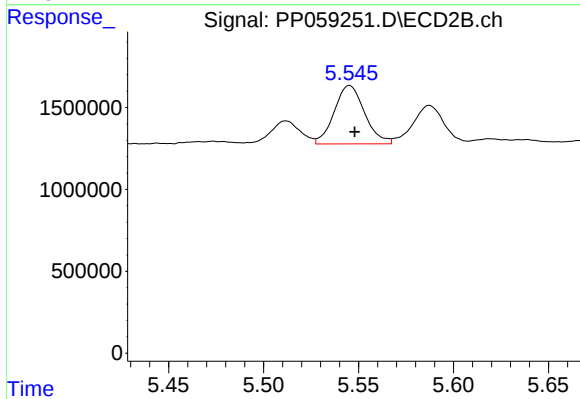
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: -0.003 min
Response: 2665248
Conc: 40.39 ng/ml



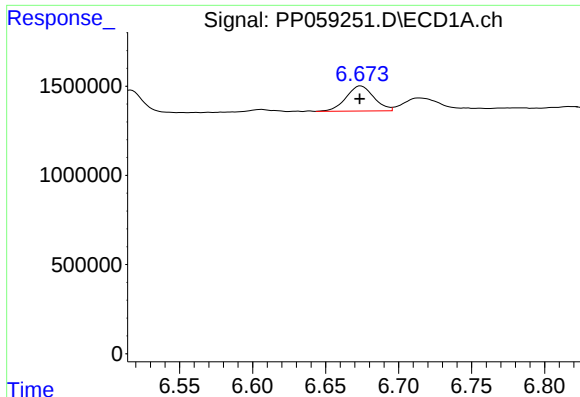
#26 AR-1254-1

R.T.: 6.450 min
Delta R.T.: -0.003 min
Response: 1337323
Conc: 28.63 ng/ml



#26 AR-1254-1

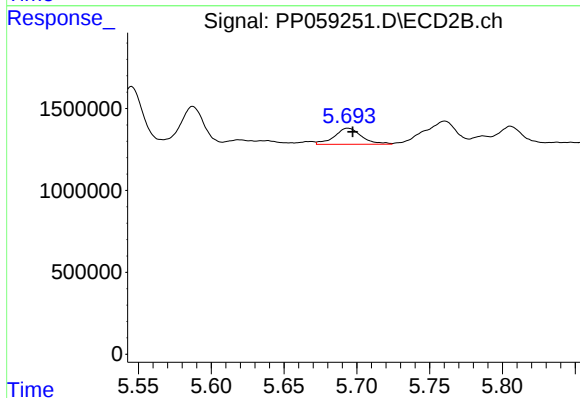
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 3971728
Conc: 39.20 ng/ml



#27 AR-1254-2

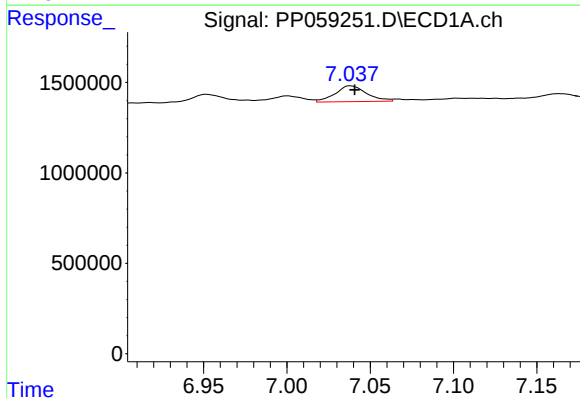
R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 1864947
Conc: 27.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



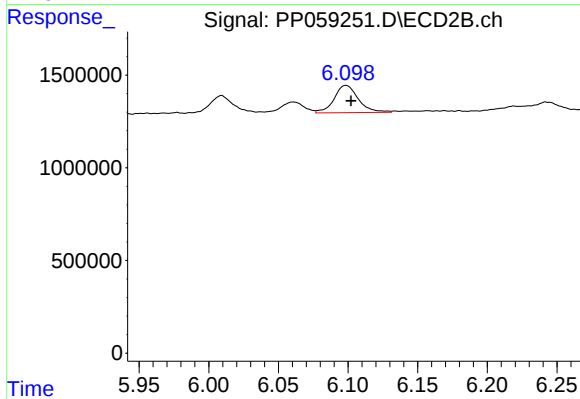
#27 AR-1254-2

R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 1275608
Conc: 14.45 ng/ml



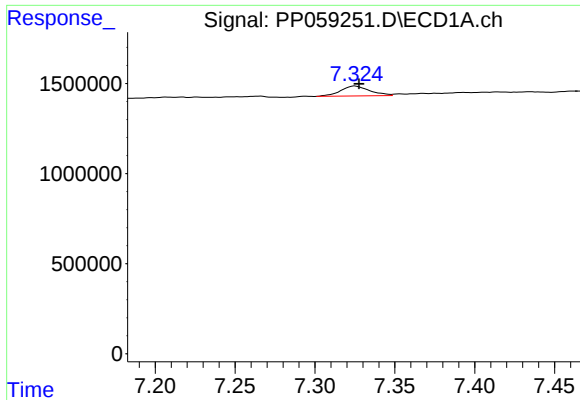
#28 AR-1254-3

R.T.: 7.038 min
Delta R.T.: -0.003 min
Response: 1148079
Conc: 16.63 ng/ml



#28 AR-1254-3

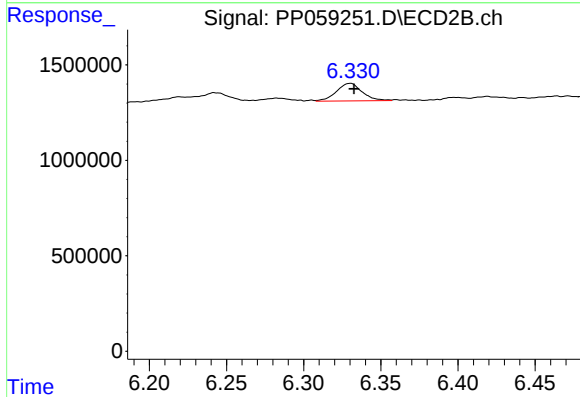
R.T.: 6.098 min
Delta R.T.: -0.004 min
Response: 1769651
Conc: 12.80 ng/ml



#29 AR-1254-4

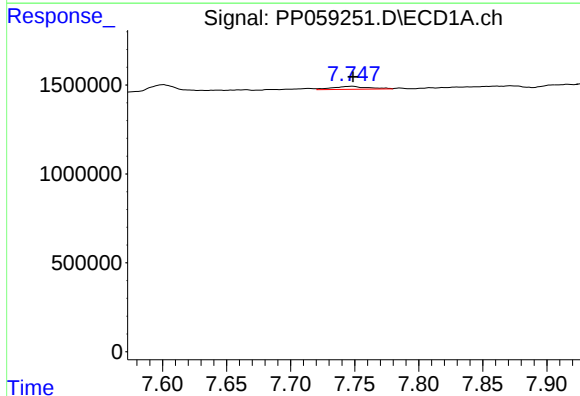
R.T.: 7.325 min
Delta R.T.: -0.003 min
Response: 698907
Conc: 15.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



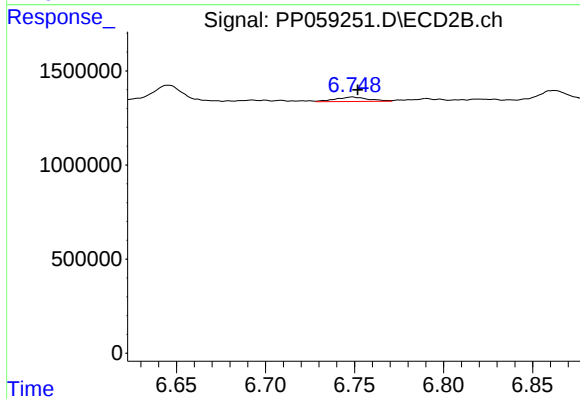
#29 AR-1254-4

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 1068424
Conc: 13.29 ng/ml



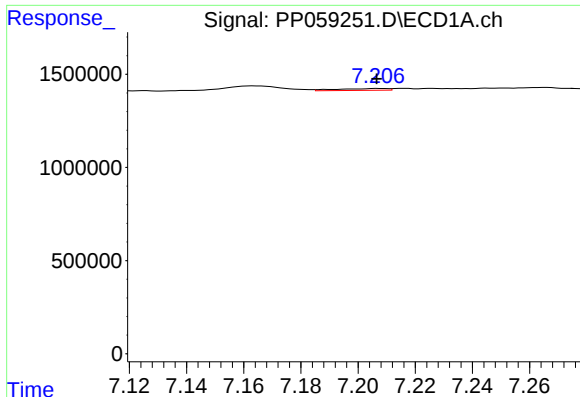
#30 AR-1254-5

R.T.: 7.748 min
Delta R.T.: 0.000 min
Response: 328796
Conc: 7.00 ng/ml



#30 AR-1254-5

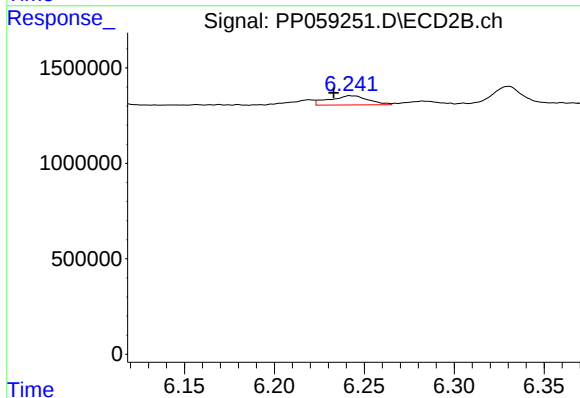
R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 313266
Conc: 2.62 ng/ml



#31 AR-1260-1

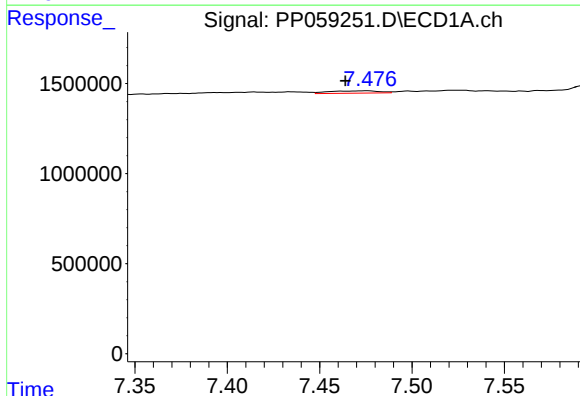
R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 125530
Conc: 2.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



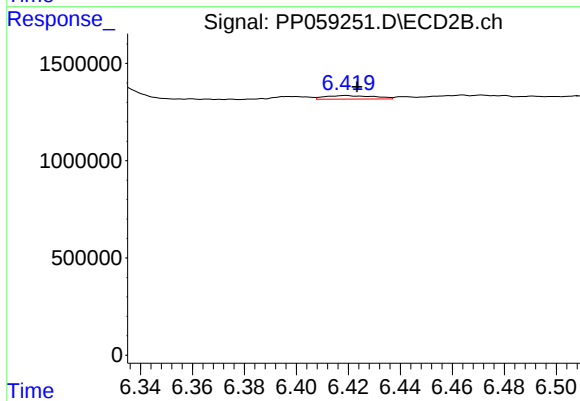
#31 AR-1260-1

R.T.: 6.242 min
Delta R.T.: 0.009 min
Response: 729242
Conc: 7.36 ng/ml



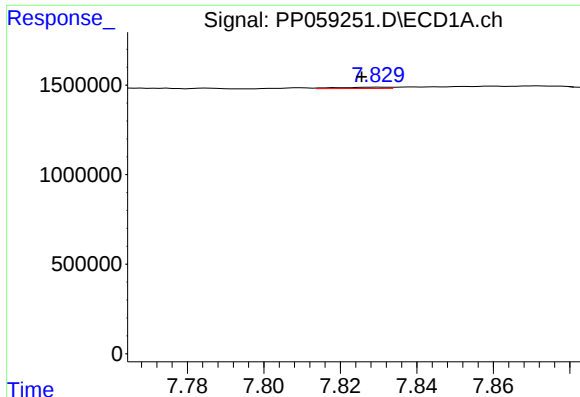
#32 AR-1260-2

R.T.: 7.476 min
Delta R.T.: 0.012 min
Response: 249873
Conc: 4.20 ng/ml



#32 AR-1260-2

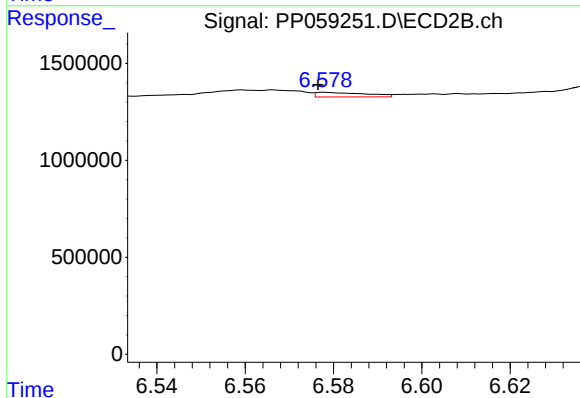
R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 233085
Conc: 2.01 ng/ml



#33 AR-1260-3

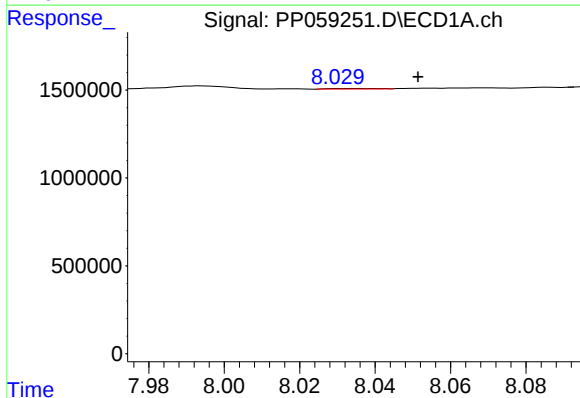
R.T.: 7.830 min
Delta R.T.: 0.004 min
Response: 65682
Conc: 1.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



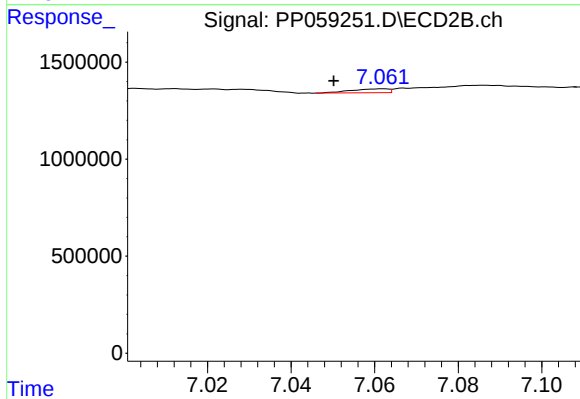
#33 AR-1260-3

R.T.: 6.578 min
Delta R.T.: 0.002 min
Response: 183909
Conc: 1.65 ng/ml



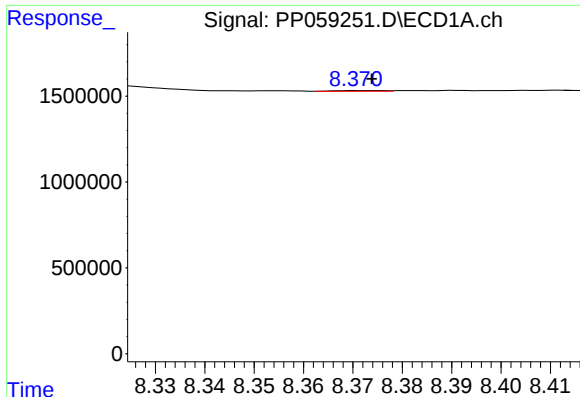
#34 AR-1260-4

R.T.: 8.035 min
Delta R.T.: -0.016 min
Response: 28737
Conc: 0.65 ng/ml



#34 AR-1260-4

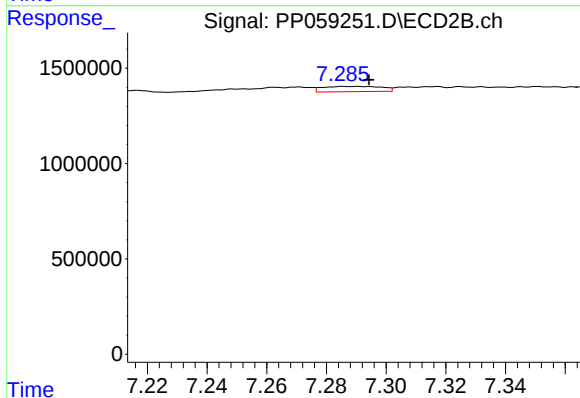
R.T.: 7.062 min
Delta R.T.: 0.012 min
Response: 124862
Conc: 1.44 ng/ml



#35 AR-1260-5

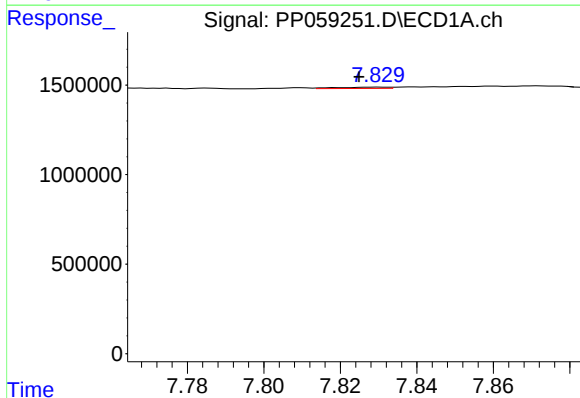
R.T.: 8.372 min
Delta R.T.: -0.002 min
Response: 28873
Conc: 0.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



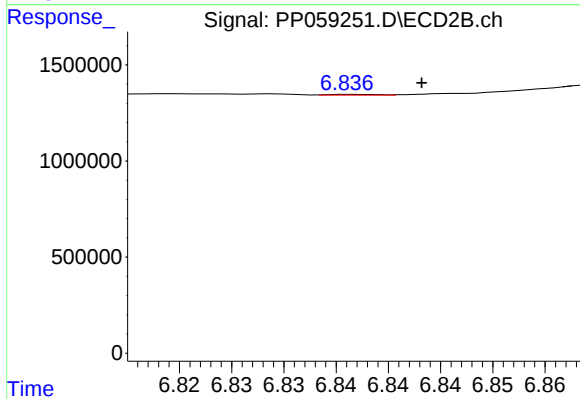
#35 AR-1260-5

R.T.: 7.285 min
Delta R.T.: -0.009 min
Response: 381905
Conc: 2.07 ng/ml



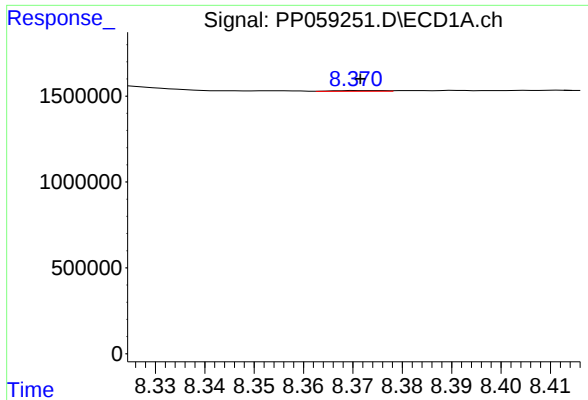
#36 AR-1262-1

R.T.: 7.830 min
Delta R.T.: 0.005 min
Response: 65682
Conc: 1.03 ng/ml



#36 AR-1262-1

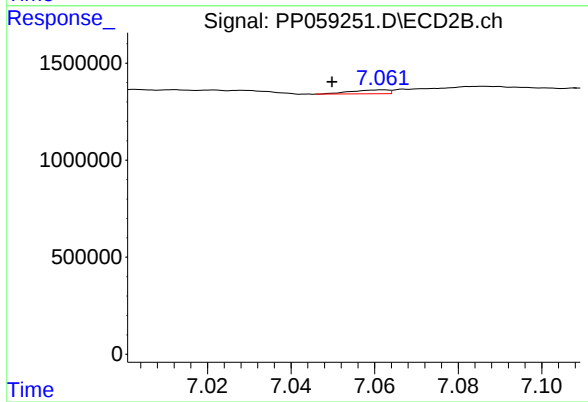
R.T.: 6.837 min
Delta R.T.: -0.007 min
Response: 13557
Conc: 0.24 ng/ml



#37 AR-1262-2

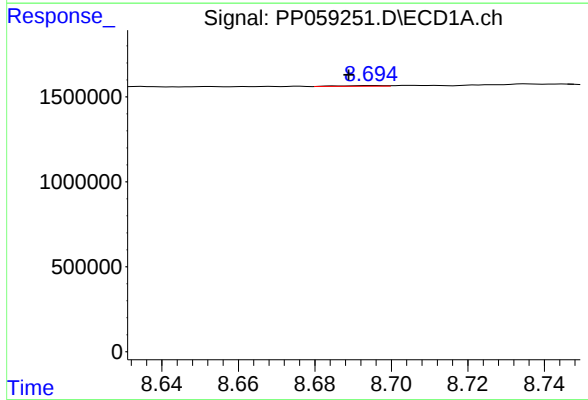
R.T.: 8.372 min
Delta R.T.: 0.000 min
Response: 28873
Conc: 0.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



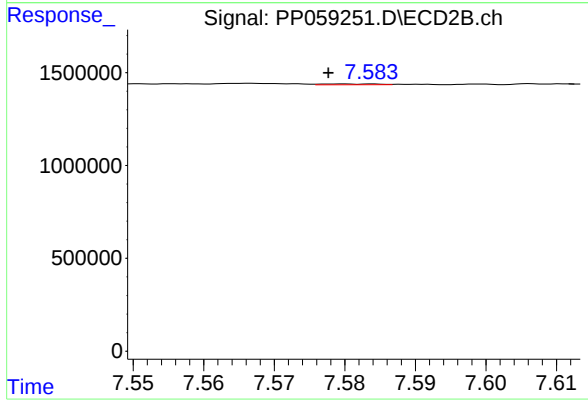
#37 AR-1262-2

R.T.: 7.062 min
Delta R.T.: 0.012 min
Response: 124862
Conc: 1.06 ng/ml



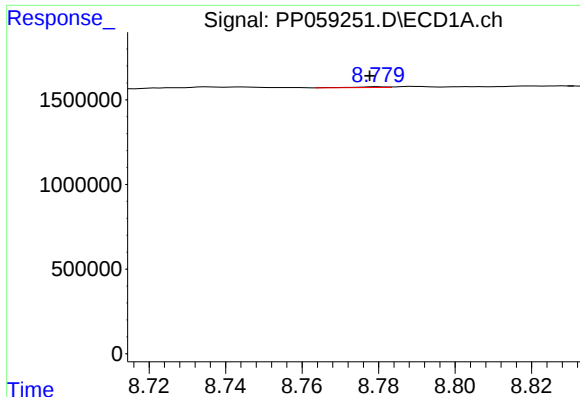
#38 AR-1262-3

R.T.: 8.695 min
Delta R.T.: 0.006 min
Response: 33876
Conc: 0.53 ng/ml



#38 AR-1262-3

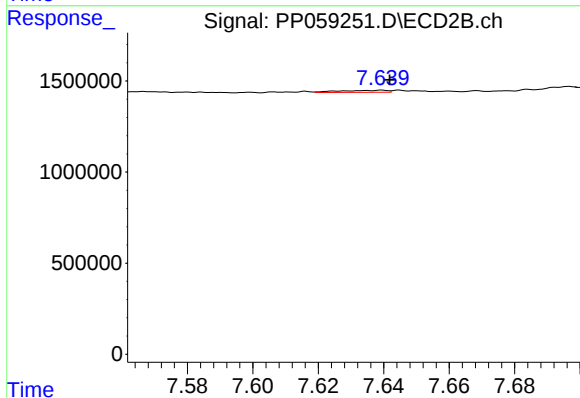
R.T.: 7.584 min
Delta R.T.: 0.006 min
Response: 24102
Conc: 0.28 ng/ml



#39 AR-1262-4

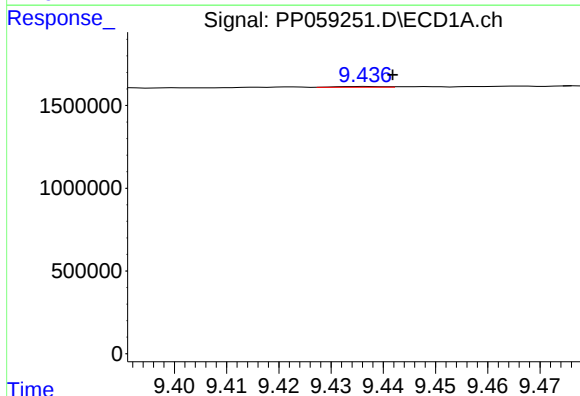
R.T.: 8.780 min
Delta R.T.: 0.002 min
Response: 23218
Conc: 0.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



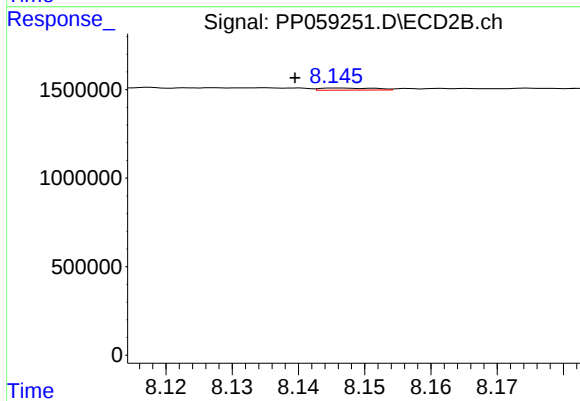
#39 AR-1262-4

R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 111070
Conc: 0.74 ng/ml



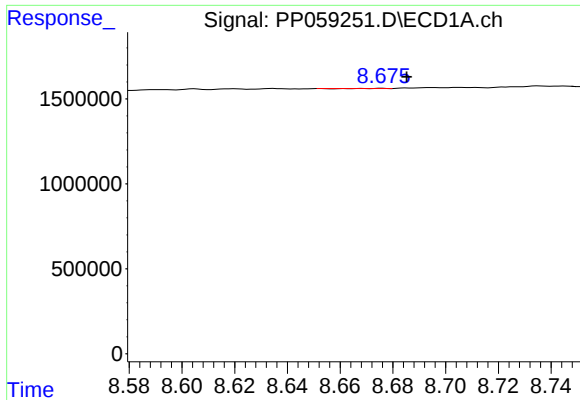
#40 AR-1262-5

R.T.: 9.437 min
Delta R.T.: -0.005 min
Response: 26052
Conc: 0.87 ng/ml



#40 AR-1262-5

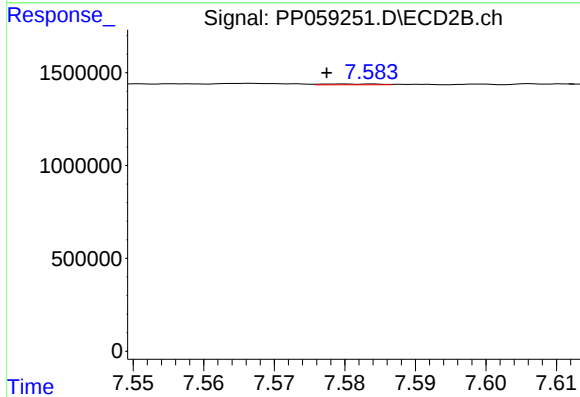
R.T.: 8.146 min
Delta R.T.: 0.007 min
Response: 67415
Conc: 1.06 ng/ml



#41 AR-1268-1

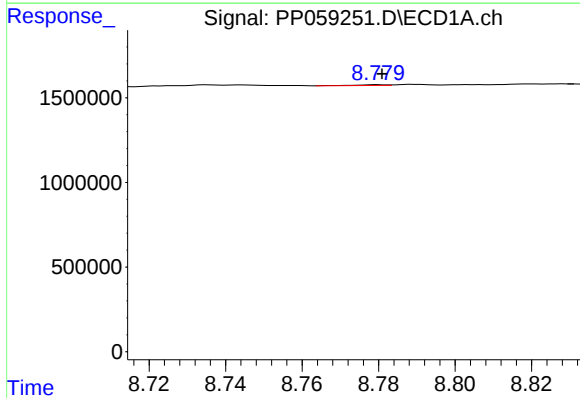
R.T.: 8.676 min
Delta R.T.: -0.009 min
Response: 2982
Conc: 0.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



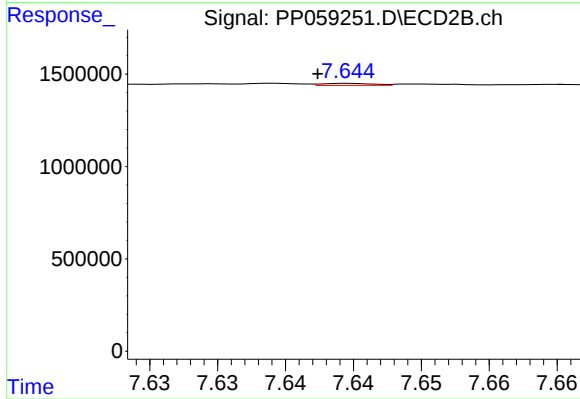
#41 AR-1268-1

R.T.: 7.584 min
Delta R.T.: 0.007 min
Response: 24102
Conc: 0.10 ng/ml



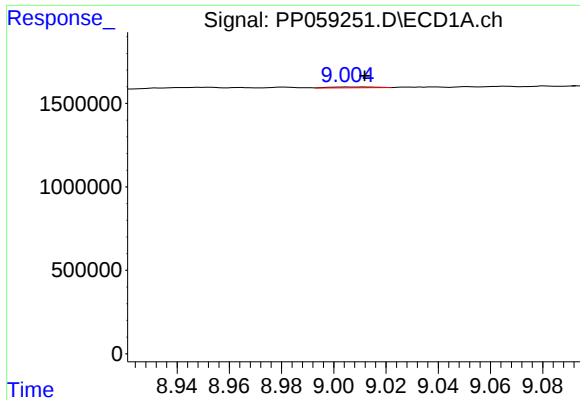
#42 AR-1268-2

R.T.: 8.780 min
Delta R.T.: -0.001 min
Response: 23218
Conc: 0.24 ng/ml



#42 AR-1268-2

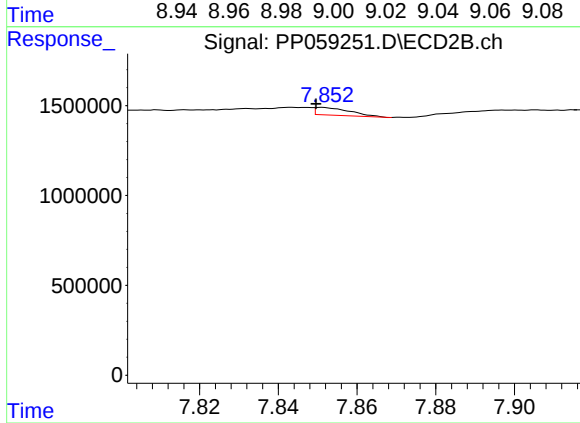
R.T.: 7.645 min
Delta R.T.: 0.002 min
Response: 29426
Conc: 0.13 ng/ml



#43 AR-1268-3

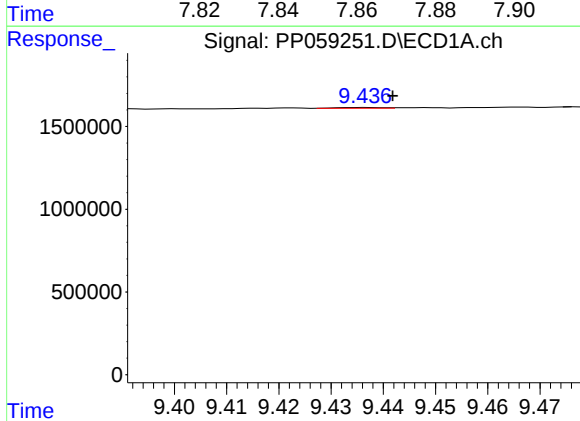
R.T.: 9.005 min
Delta R.T.: -0.007 min
Response: 58920
Conc: 0.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



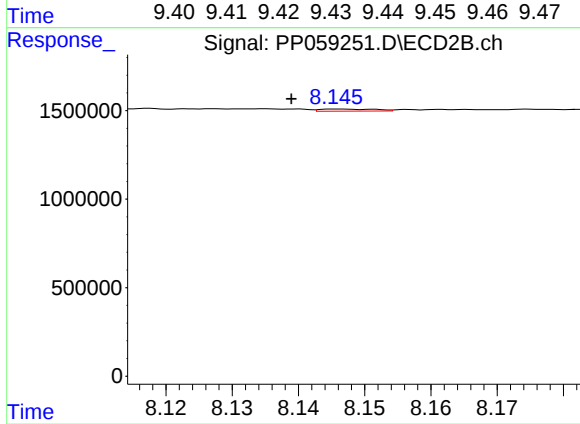
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.002 min
Response: 257555
Conc: 1.32 ng/ml



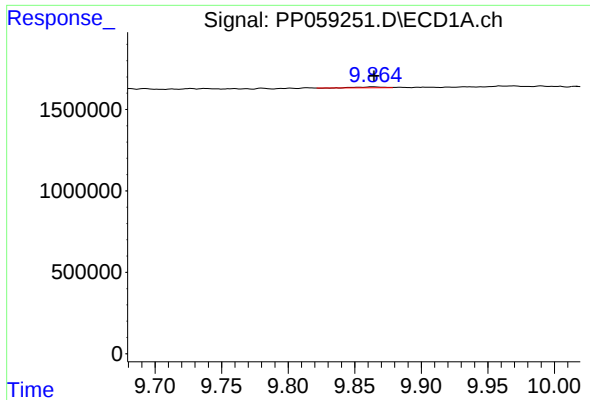
#44 AR-1268-4

R.T.: 9.437 min
Delta R.T.: -0.005 min
Response: 26052
Conc: 0.82 ng/ml



#44 AR-1268-4

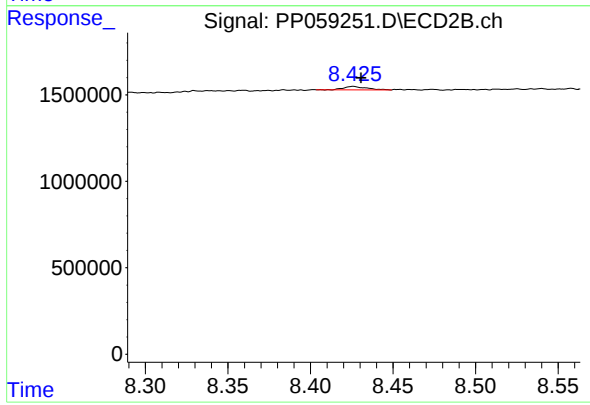
R.T.: 8.146 min
Delta R.T.: 0.007 min
Response: 67415
Conc: 0.97 ng/ml



#45 AR-1268-5

R.T.: 9.864 min
Delta R.T.: 0.000 min
Response: 81110
Conc: 0.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.005 min
Response: 191288
Conc: 0.37 ng/ml