

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP040423\
 Data File : PP056645.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2023 16:06
 Operator : YP\AJ
 Sample : 02171-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 17:14:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 03:37:03 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...	4.439	3.666	44251701	36895921	22.361	22.896
2)	SA Decachlor...	10.276	8.757	30950588	34961735	32.244	28.693
Target Compounds							
3)	L1 AR-1016-1	5.593f	4.765	316477	2875717	5.786	63.430 #
4)	L1 AR-1016-2	5.632	4.765f	10285505	2875717	127.918	45.518 #
5)	L1 AR-1016-3	5.704	4.967	7615855	-50951	149.981	N.D. #
6)	L1 AR-1016-4	5.777f	5.008	12792516	506143	320.258	16.393 #
7)	L1 AR-1016-5	6.095	5.225	507764	441061	12.318	11.253
8)	L2 AR-1221-1	4.646	3.880	5584416	92701	226.105	4.473 #
9)	L2 AR-1221-2	4.747f	3.972	995300	1409255	54.499	91.726 #
10)	L2 AR-1221-3	4.827f	4.047	586234	383190	10.728	8.385
11)	L3 AR-1232-1	4.827f	4.047	586234	383190	12.687	9.892
12)	L3 AR-1232-2	5.347	4.765f	239945	2875717	10.214	91.591 #
13)	L3 AR-1232-3	5.632	4.967	10285505	-50951	269.885	N.D. #
14)	L3 AR-1232-4	5.777f	5.031f	12792516	563415	675.885	32.984 #
15)	L3 AR-1232-5	5.889	5.225	5845363	441061	356.977	23.522 #
16)	L4 AR-1242-1	5.593f	4.765	316477	2875717	6.815	75.238 #
17)	L4 AR-1242-2	5.632	4.765f	10285505	2875717	152.604	53.682 #
18)	L4 AR-1242-3	5.704	4.967	7615855	-50951	178.295	N.D. #
19)	L4 AR-1242-4	5.777f	5.031f	12792516	563415	382.874	17.380 #
20)	L4 AR-1242-5	6.542	5.583	561591	761894	18.349	21.670
21)	L5 AR-1248-1	5.593f	4.765	316477	2875717	9.132	97.643 #
22)	L5 AR-1248-2	5.889	5.008	5845363	506143	108.154	11.163 #
23)	L5 AR-1248-3	6.095	5.031f	507764	563415	8.776	11.896 #
24)	L5 AR-1248-4	6.500	5.225	493219	441061	9.184	8.165
25)	L5 AR-1248-5	6.542	5.621	561591	219053	10.733	4.843 #
26)	L6 AR-1254-1	6.475	5.583	728067	761894	11.061	9.142
27)	L6 AR-1254-2	6.696	5.731	545157	427163	5.842	5.918
28)	L6 AR-1254-3	7.061	6.140	1219910	517947	13.811	4.725 #
29)	L6 AR-1254-4	7.349	6.373	917761	340423	15.993	5.818 #
30)	L6 AR-1254-5	7.773	6.793	235747	544742	3.794	6.039 #
31)	L7 AR-1260-1	7.228	6.271	401398	345173	5.794	4.296 #
32)	L7 AR-1260-2	7.483	6.455	208896	427942	2.833	4.962 #
33)	L7 AR-1260-3	7.817f	6.620	8000	488898	0.137	5.766 #
34)	L7 AR-1260-4	8.052f	7.097	880416	293977	14.276	4.283 #
35)	L7 AR-1260-5	8.401	7.310f	42535	221351	0.391	1.681 #
36)	L8 AR-1262-1	7.817f	6.876	8000	387117	0.097	9.131 #
37)	L8 AR-1262-2	8.401	7.097	42535	293977	0.338	3.307 #
38)	L8 AR-1262-3	8.717	7.611	10912	2745373	0.126	41.668 #
39)	L8 AR-1262-4	8.810	7.659f	201551	574747	4.685	5.033
40)	L8 AR-1262-5	9.482	0.000	36165	0	0.896	N.D. #
41)	L9 AR-1268-1	8.717	7.611	10912	2745373	0.066	14.273 #

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Acq On : 04 Apr 2023 16:06
Operator : YP\AJ
Sample : 02171-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

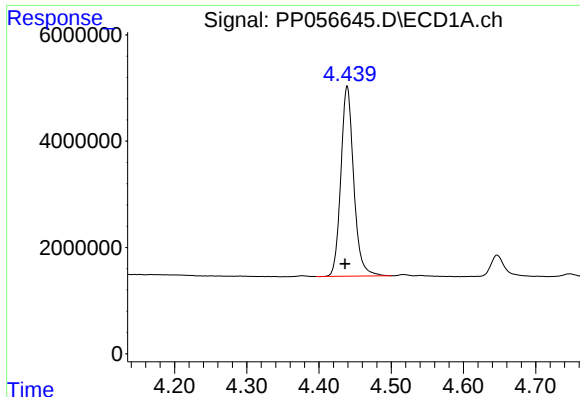
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 17:14:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040323.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 04 03:37:03 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
42)	L9 AR-1268-2	8.819	7.659f	80537	574747	0.538	3.261 #
43)	L9 AR-1268-3	9.066	7.901	178905	38753	1.316	0.234 #
44)	L9 AR-1268-4	9.482	0.000	36165	0	0.815	N.D. #
45)	L9 AR-1268-5	9.931	8.490	265892	249094	0.720	0.573

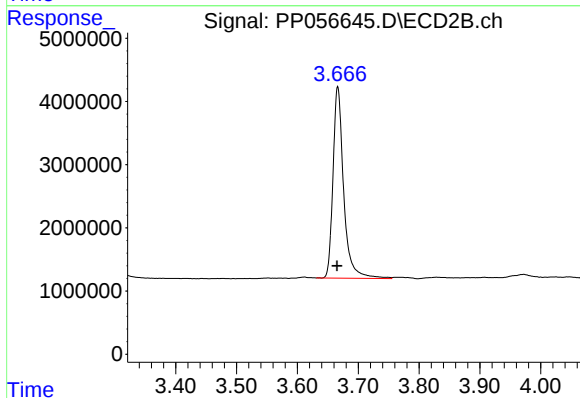
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

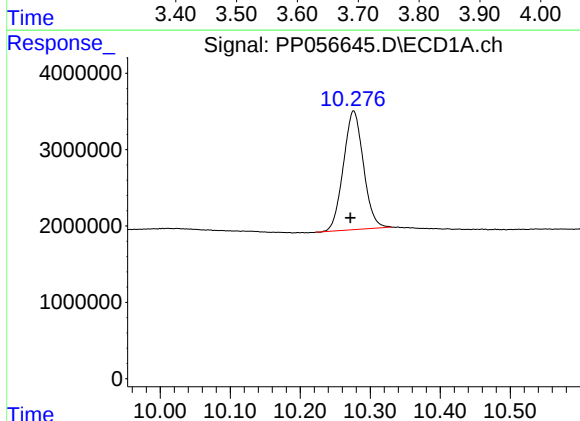
R.T.: 4.439 min
Delta R.T.: 0.003 min
Response: 44251701
Conc: 22.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



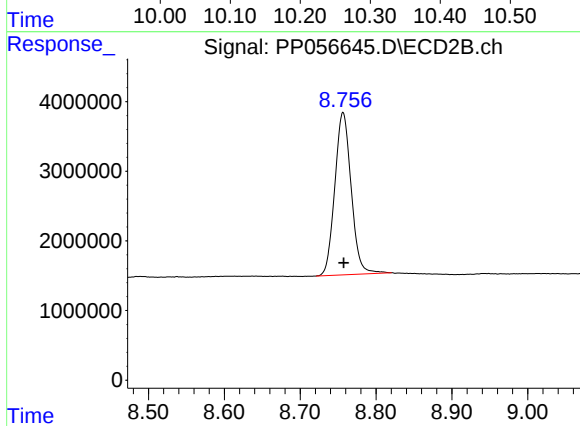
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.002 min
Response: 36895921
Conc: 22.90 ng/ml



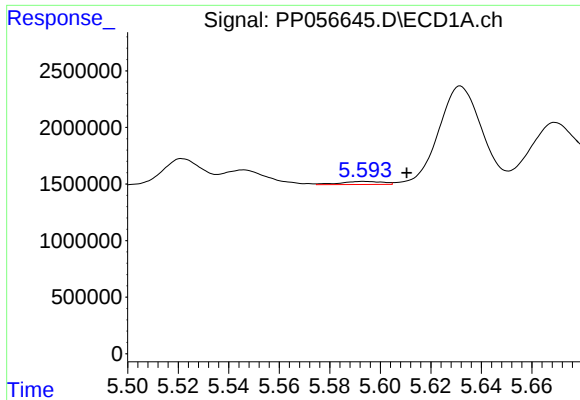
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: 0.004 min
Response: 30950588
Conc: 32.24 ng/ml



#2 Decachlorobiphenyl

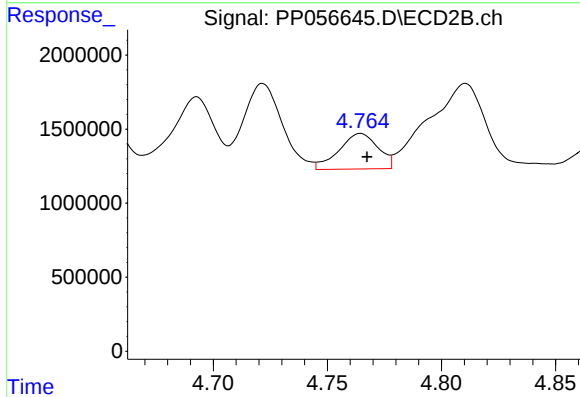
R.T.: 8.757 min
Delta R.T.: -0.001 min
Response: 34961735
Conc: 28.69 ng/ml



#3 AR-1016-1

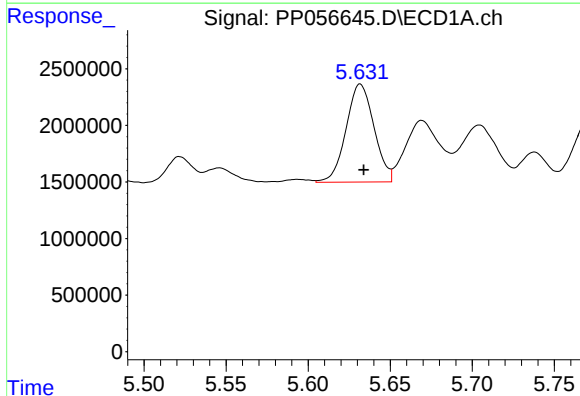
R.T.: 5.593 min
Delta R.T.: -0.017 min
Response: 316477
Conc: 5.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



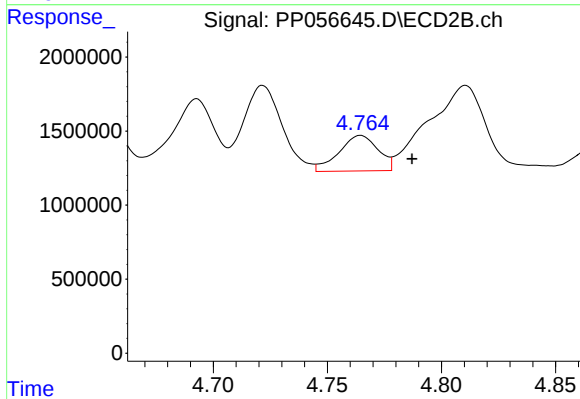
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: -0.003 min
Response: 2875717
Conc: 63.43 ng/ml



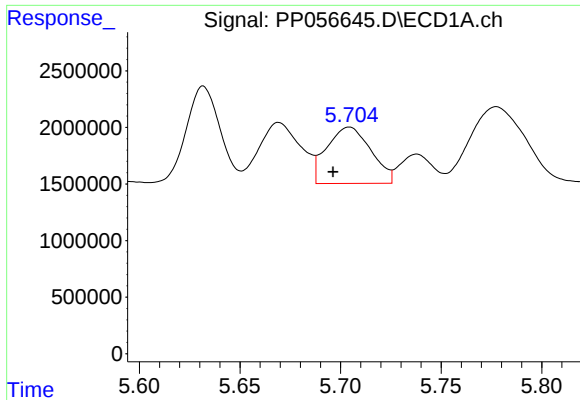
#4 AR-1016-2

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 10285505
Conc: 127.92 ng/ml



#4 AR-1016-2

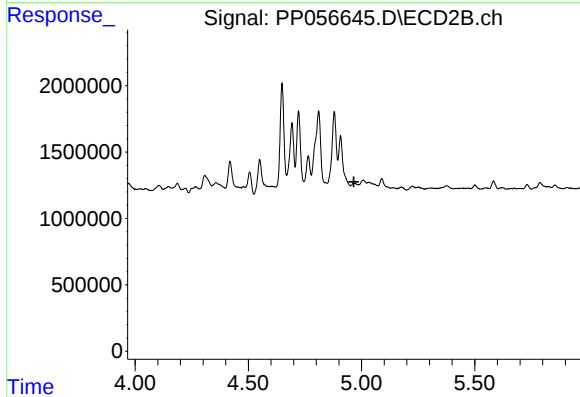
R.T.: 4.765 min
Delta R.T.: -0.022 min
Response: 2875717
Conc: 45.52 ng/ml



#5 AR-1016-3

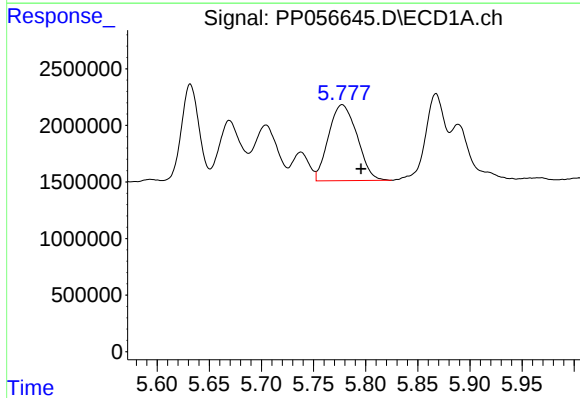
R.T.: 5.704 min
Delta R.T.: 0.008 min
Response: 7615855
Conc: 149.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



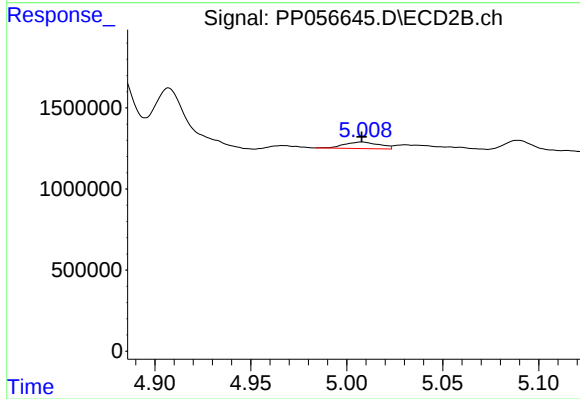
#5 AR-1016-3

R.T.: 4.967 min
Delta R.T.: 0.001 min
Response: -50951
Conc: N.D.



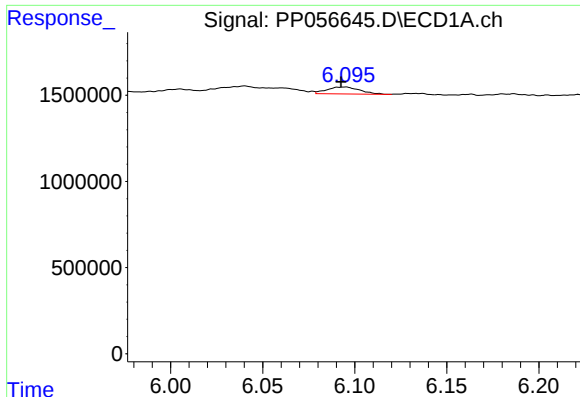
#6 AR-1016-4

R.T.: 5.777 min
Delta R.T.: -0.018 min
Response: 12792516
Conc: 320.26 ng/ml



#6 AR-1016-4

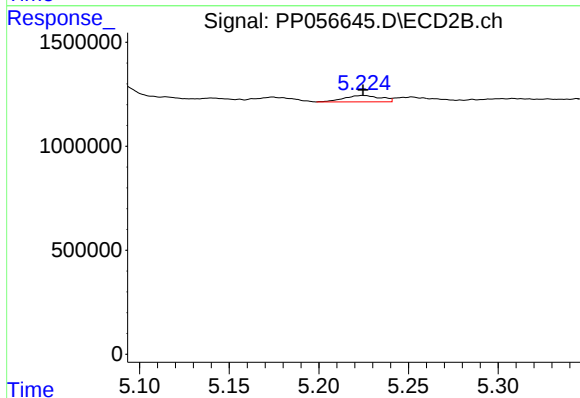
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 506143
Conc: 16.39 ng/ml



#7 AR-1016-5

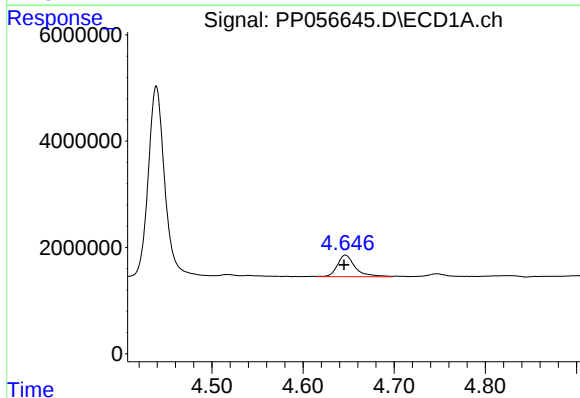
R.T.: 6.095 min
Delta R.T.: 0.002 min
Response: 507764
Conc: 12.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



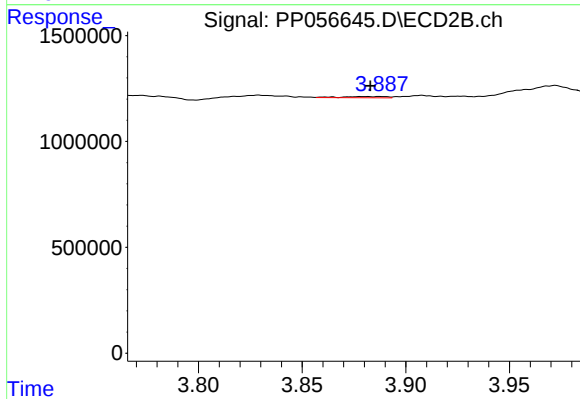
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 441061
Conc: 11.25 ng/ml



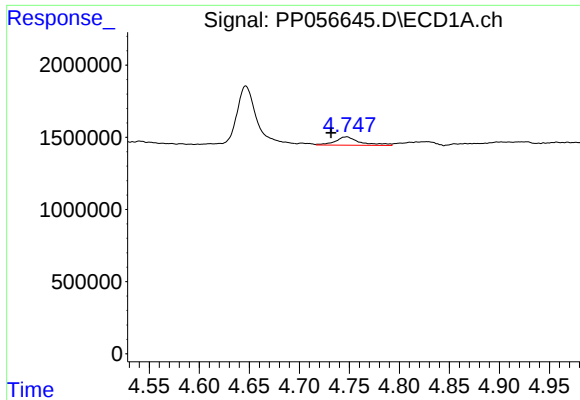
#8 AR-1221-1

R.T.: 4.646 min
Delta R.T.: 0.002 min
Response: 5584416
Conc: 226.11 ng/ml



#8 AR-1221-1

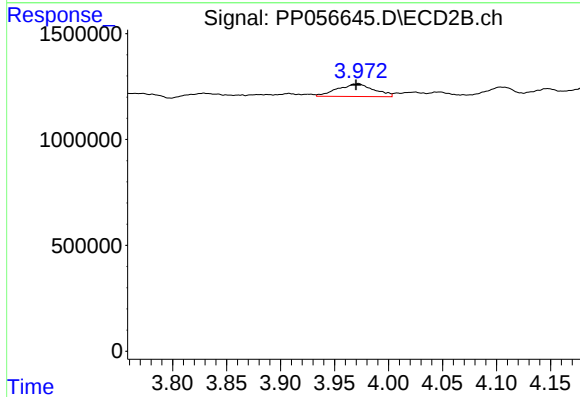
R.T.: 3.880 min
Delta R.T.: -0.003 min
Response: 92701
Conc: 4.47 ng/ml



#9 AR-1221-2

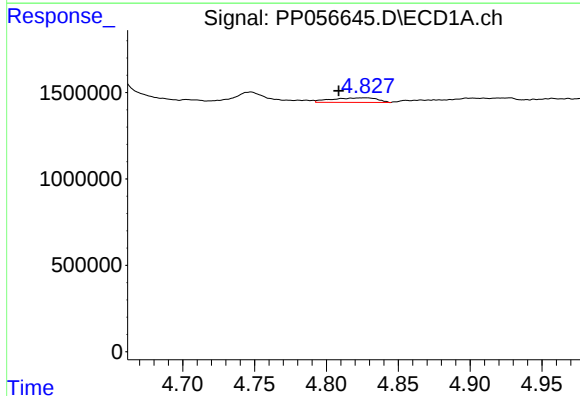
R.T.: 4.747 min
Delta R.T.: 0.016 min
Response: 995300
Conc: 54.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



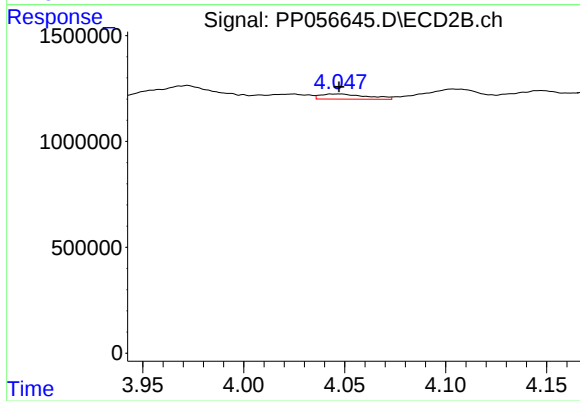
#9 AR-1221-2

R.T.: 3.972 min
Delta R.T.: 0.002 min
Response: 1409255
Conc: 91.73 ng/ml



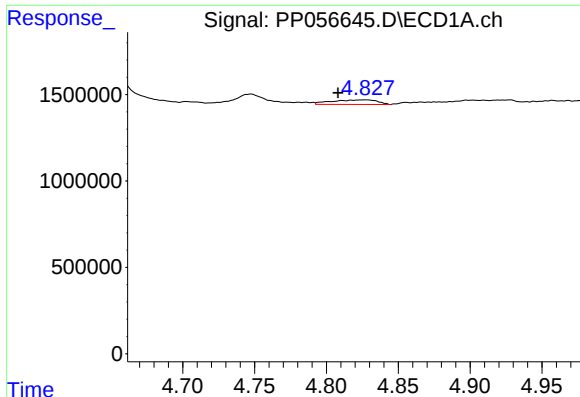
#10 AR-1221-3

R.T.: 4.827 min
Delta R.T.: 0.019 min
Response: 586234
Conc: 10.73 ng/ml



#10 AR-1221-3

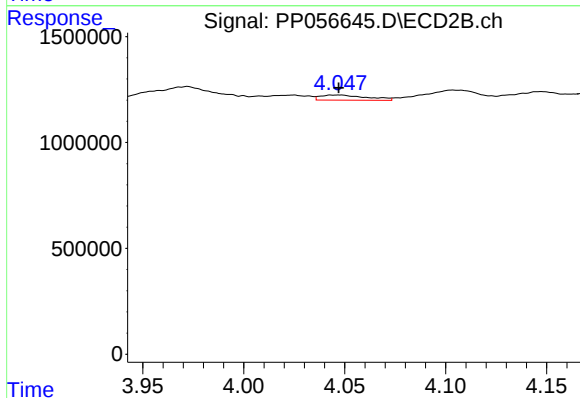
R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 383190
Conc: 8.38 ng/ml



#11 AR-1232-1

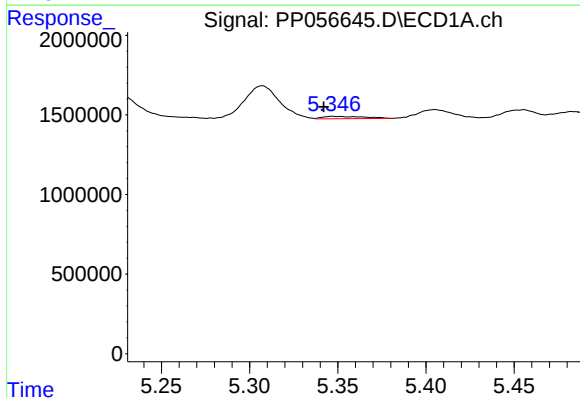
R.T.: 4.827 min
Delta R.T.: 0.019 min
Response: 586234
Conc: 12.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



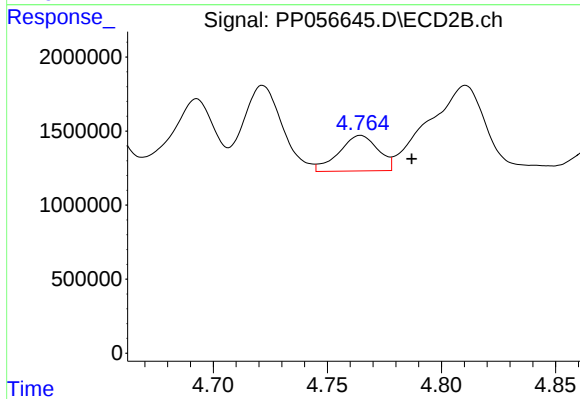
#11 AR-1232-1

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 383190
Conc: 9.89 ng/ml



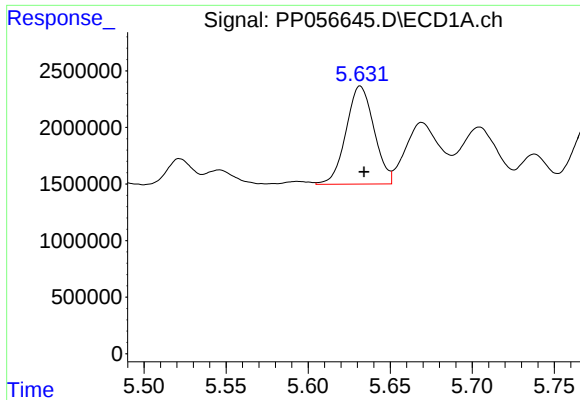
#12 AR-1232-2

R.T.: 5.347 min
Delta R.T.: 0.005 min
Response: 239945
Conc: 10.21 ng/ml



#12 AR-1232-2

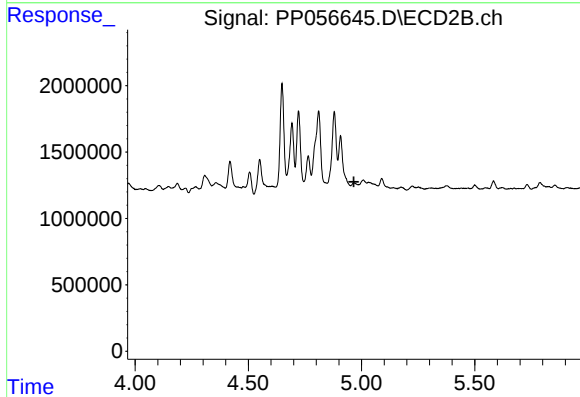
R.T.: 4.765 min
Delta R.T.: -0.022 min
Response: 2875717
Conc: 91.59 ng/ml



#13 AR-1232-3

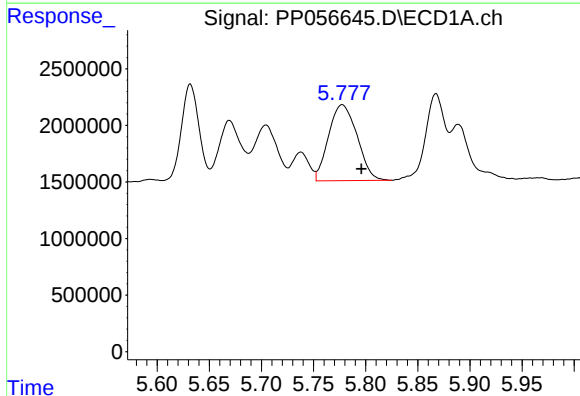
R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 10285505
Conc: 269.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



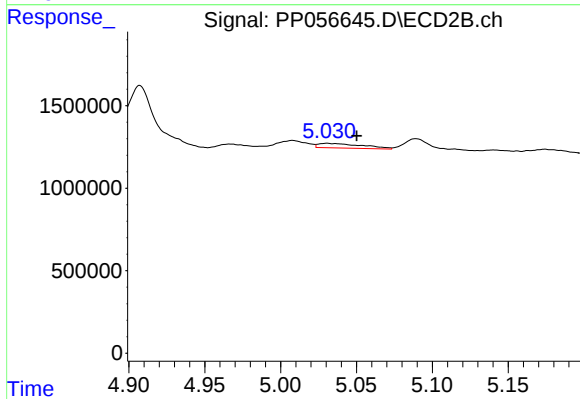
#13 AR-1232-3

R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: -50951
Conc: N.D.



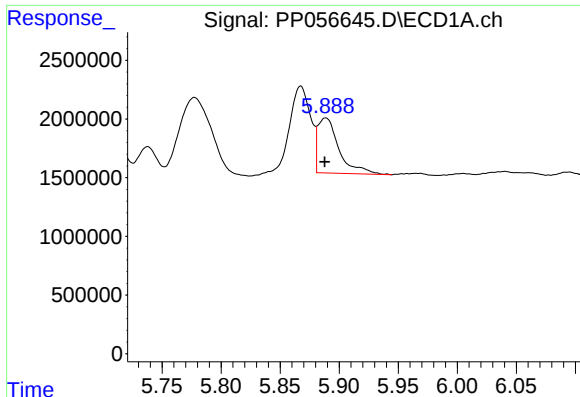
#14 AR-1232-4

R.T.: 5.777 min
Delta R.T.: -0.019 min
Response: 12792516
Conc: 675.88 ng/ml



#14 AR-1232-4

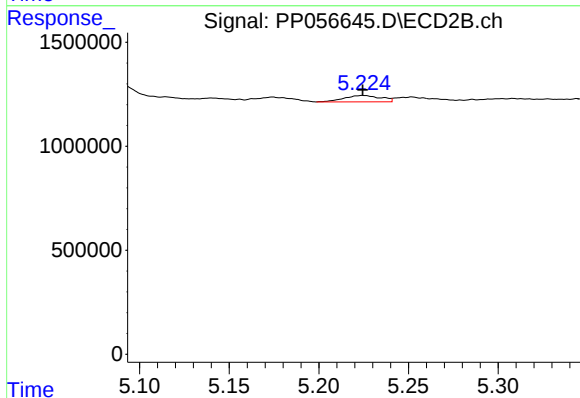
R.T.: 5.031 min
Delta R.T.: -0.019 min
Response: 563415
Conc: 32.98 ng/ml



#15 AR-1232-5

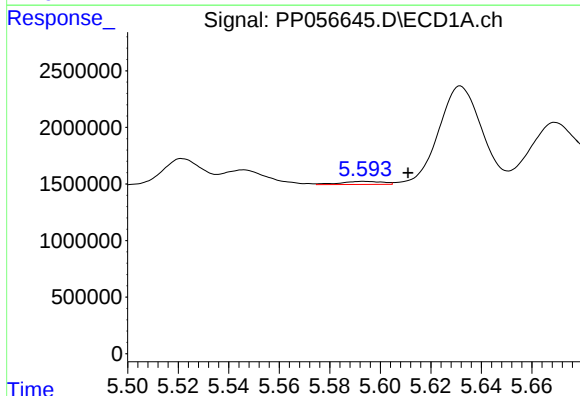
R.T.: 5.889 min
Delta R.T.: 0.001 min
Response: 5845363
Conc: 356.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



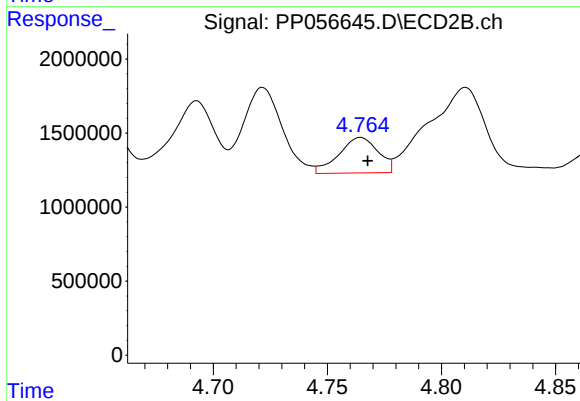
#15 AR-1232-5

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 441061
Conc: 23.52 ng/ml



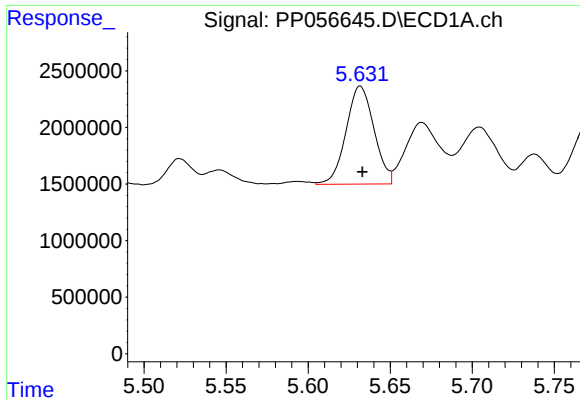
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: -0.017 min
Response: 316477
Conc: 6.81 ng/ml



#16 AR-1242-1

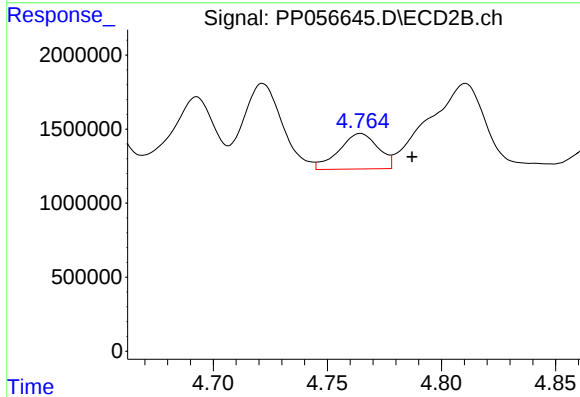
R.T.: 4.765 min
Delta R.T.: -0.003 min
Response: 2875717
Conc: 75.24 ng/ml



#17 AR-1242-2

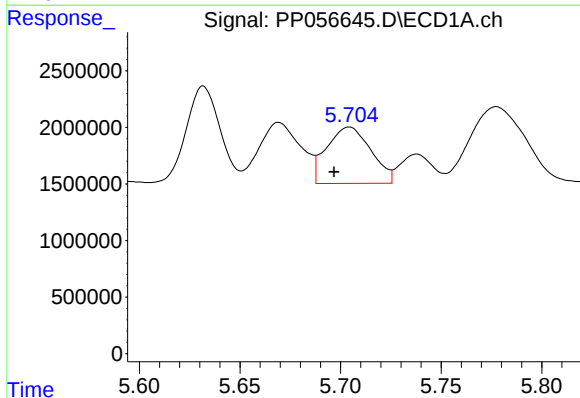
R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 10285505
Conc: 152.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



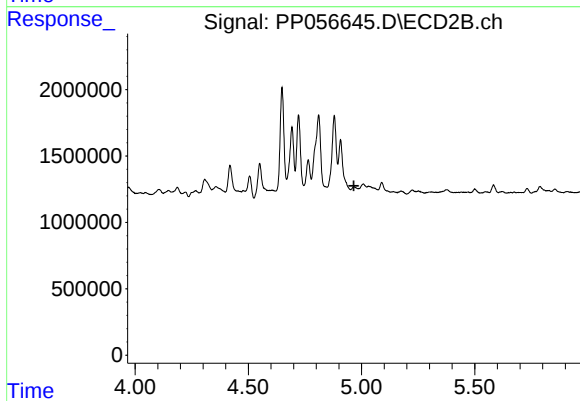
#17 AR-1242-2

R.T.: 4.765 min
Delta R.T.: -0.023 min
Response: 2875717
Conc: 53.68 ng/ml



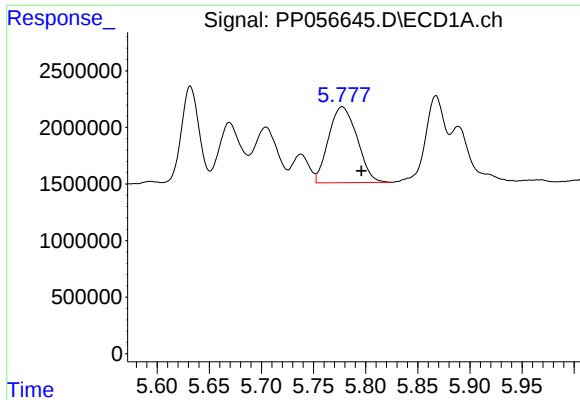
#18 AR-1242-3

R.T.: 5.704 min
Delta R.T.: 0.008 min
Response: 7615855
Conc: 178.30 ng/ml



#18 AR-1242-3

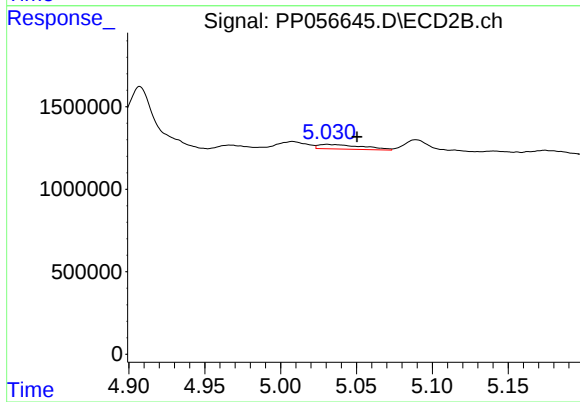
R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: -50951
Conc: N.D.



#19 AR-1242-4

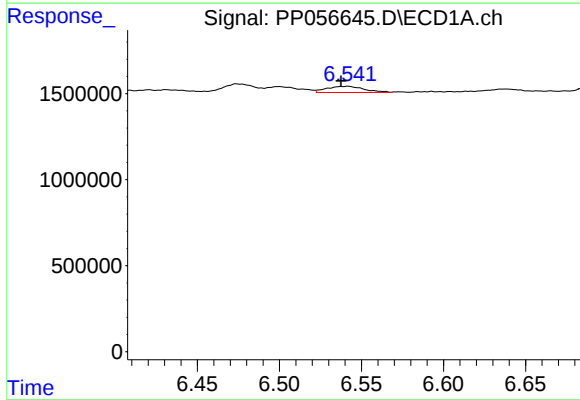
R.T.: 5.777 min
Delta R.T.: -0.018 min
Response: 12792516
Conc: 382.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



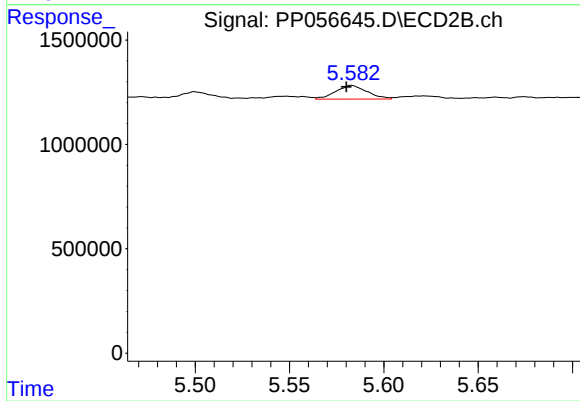
#19 AR-1242-4

R.T.: 5.031 min
Delta R.T.: -0.020 min
Response: 563415
Conc: 17.38 ng/ml



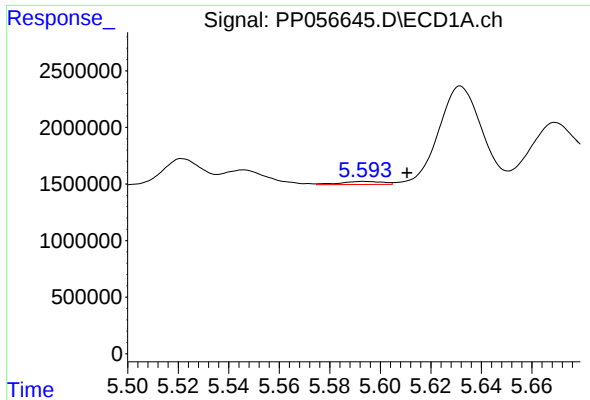
#20 AR-1242-5

R.T.: 6.542 min
Delta R.T.: 0.004 min
Response: 561591
Conc: 18.35 ng/ml



#20 AR-1242-5

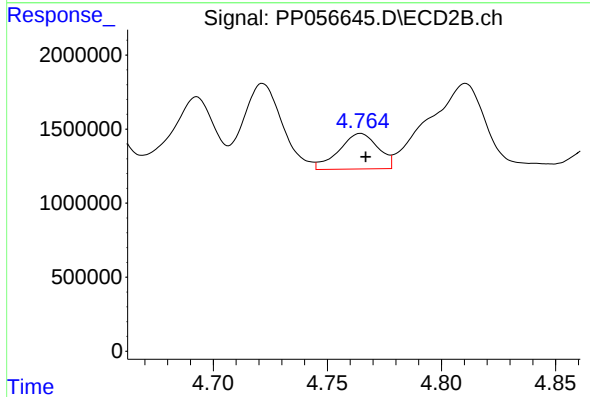
R.T.: 5.583 min
Delta R.T.: 0.003 min
Response: 761894
Conc: 21.67 ng/ml



#21 AR-1248-1

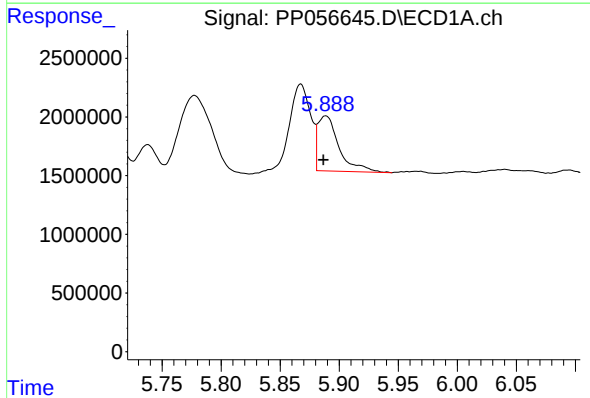
R.T.: 5.593 min
Delta R.T.: -0.017 min
Response: 316477
Conc: 9.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



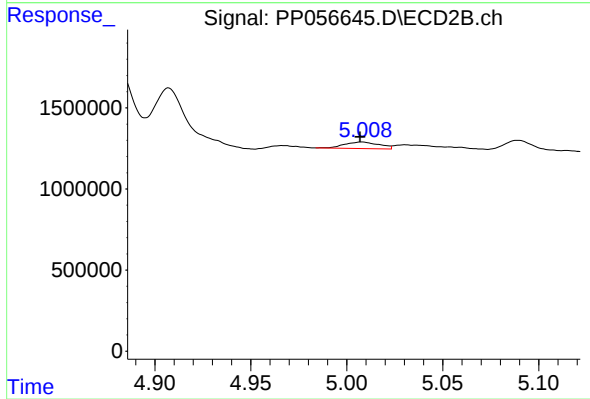
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: -0.002 min
Response: 2875717
Conc: 97.64 ng/ml



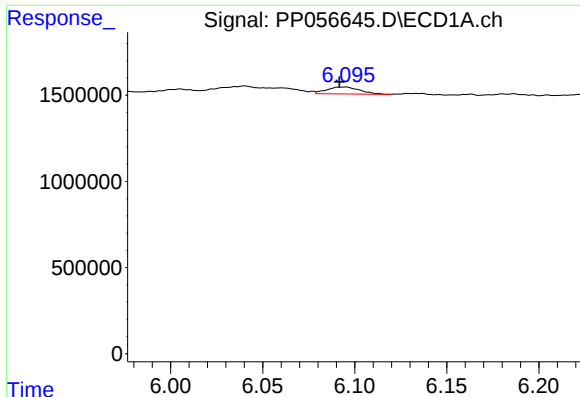
#22 AR-1248-2

R.T.: 5.889 min
Delta R.T.: 0.002 min
Response: 5845363
Conc: 108.15 ng/ml



#22 AR-1248-2

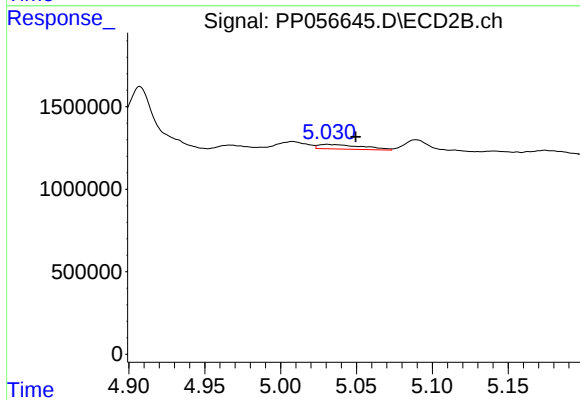
R.T.: 5.008 min
Delta R.T.: 0.001 min
Response: 506143
Conc: 11.16 ng/ml



#23 AR-1248-3

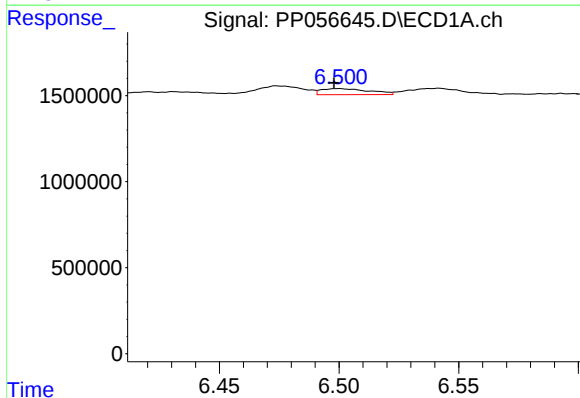
R.T.: 6.095 min
Delta R.T.: 0.003 min
Response: 507764
Conc: 8.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



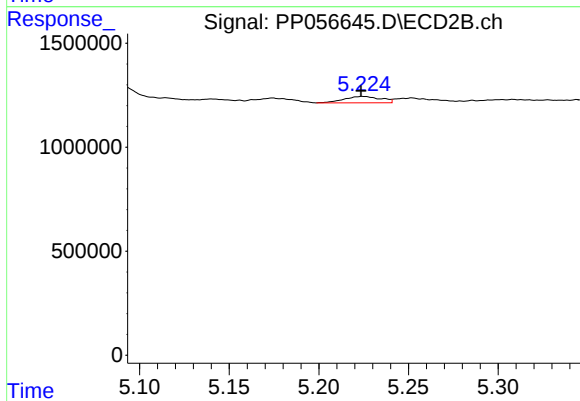
#23 AR-1248-3

R.T.: 5.031 min
Delta R.T.: -0.019 min
Response: 563415
Conc: 11.90 ng/ml



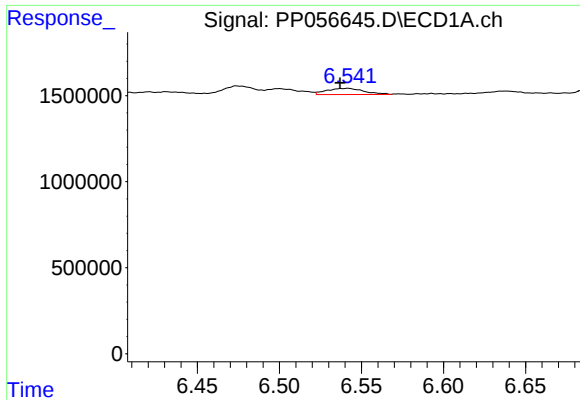
#24 AR-1248-4

R.T.: 6.500 min
Delta R.T.: 0.002 min
Response: 493219
Conc: 9.18 ng/ml



#24 AR-1248-4

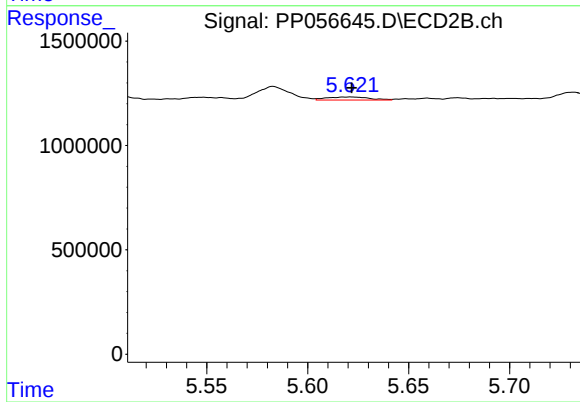
R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 441061
Conc: 8.17 ng/ml



#25 AR-1248-5

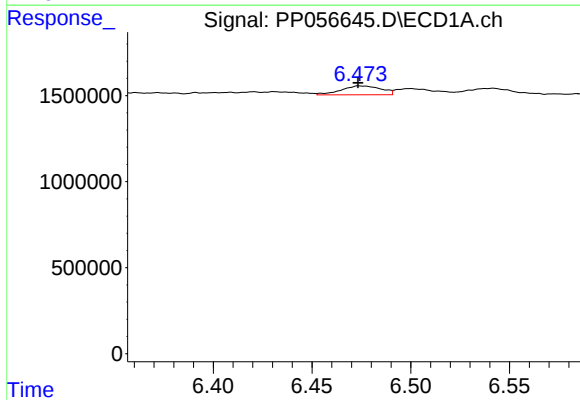
R.T.: 6.542 min
Delta R.T.: 0.005 min
Response: 561591
Conc: 10.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



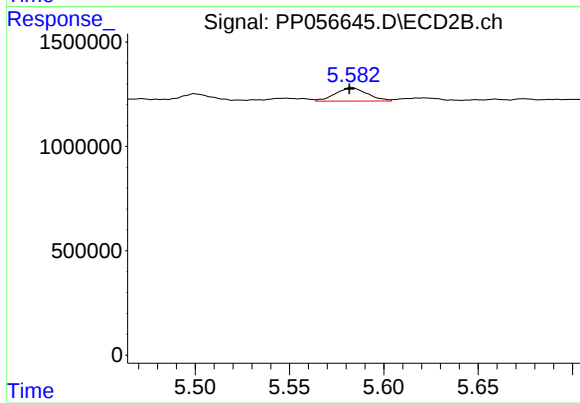
#25 AR-1248-5

R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 219053
Conc: 4.84 ng/ml



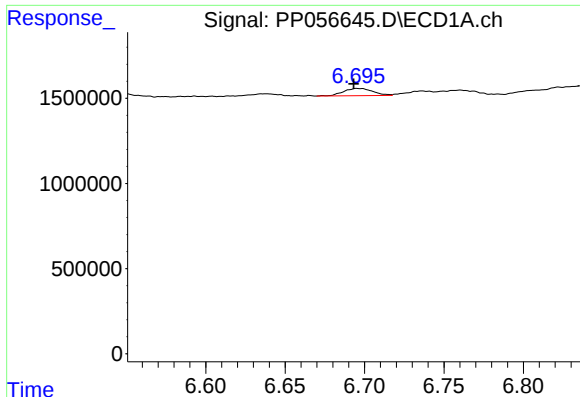
#26 AR-1254-1

R.T.: 6.475 min
Delta R.T.: 0.001 min
Response: 728067
Conc: 11.06 ng/ml



#26 AR-1254-1

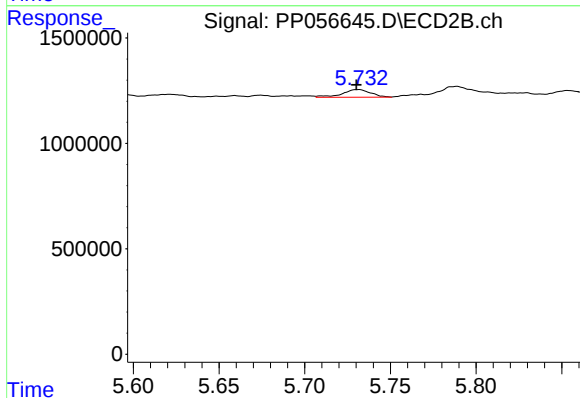
R.T.: 5.583 min
Delta R.T.: 0.001 min
Response: 761894
Conc: 9.14 ng/ml



#27 AR-1254-2

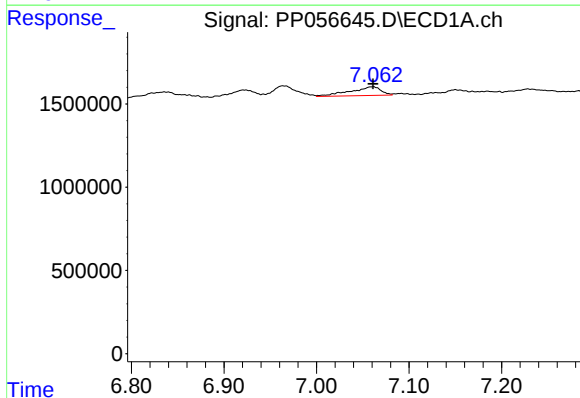
R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 545157
Conc: 5.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



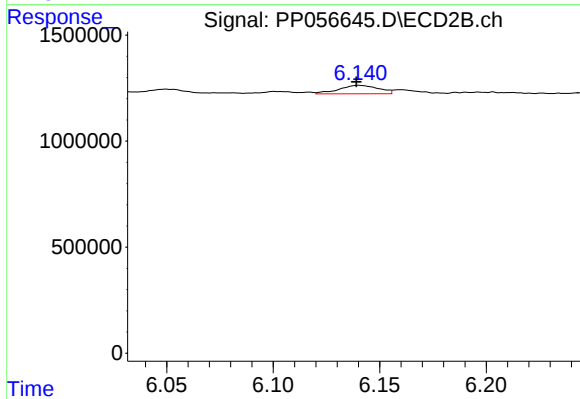
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 427163
Conc: 5.92 ng/ml



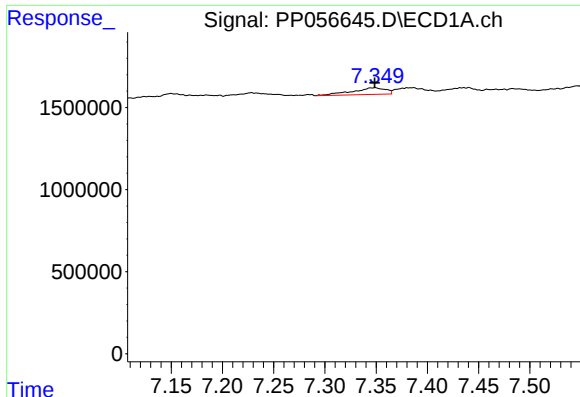
#28 AR-1254-3

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 1219910
Conc: 13.81 ng/ml



#28 AR-1254-3

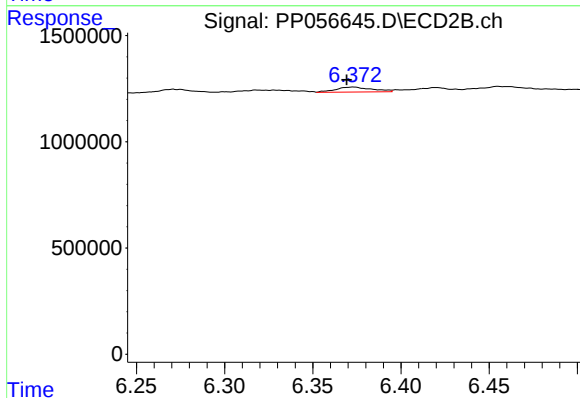
R.T.: 6.140 min
Delta R.T.: 0.001 min
Response: 517947
Conc: 4.72 ng/ml



#29 AR-1254-4

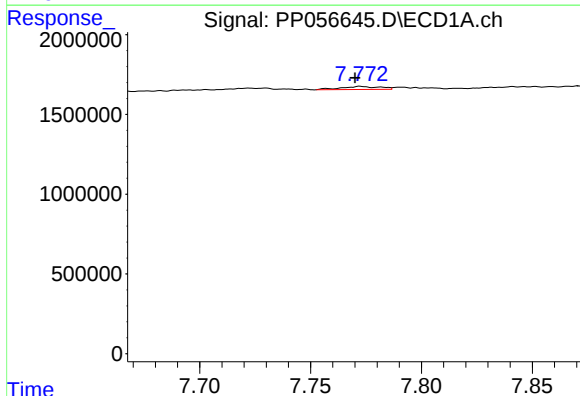
R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 917761
Conc: 15.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



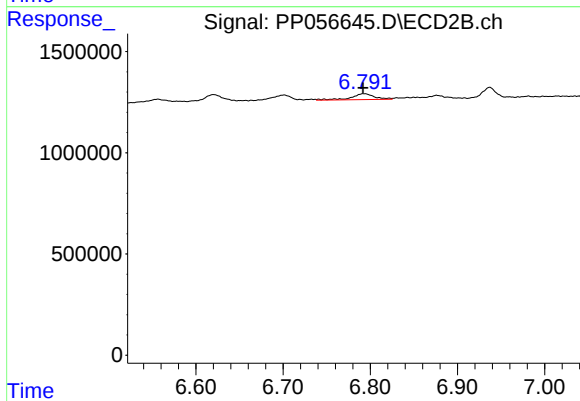
#29 AR-1254-4

R.T.: 6.373 min
Delta R.T.: 0.004 min
Response: 340423
Conc: 5.82 ng/ml



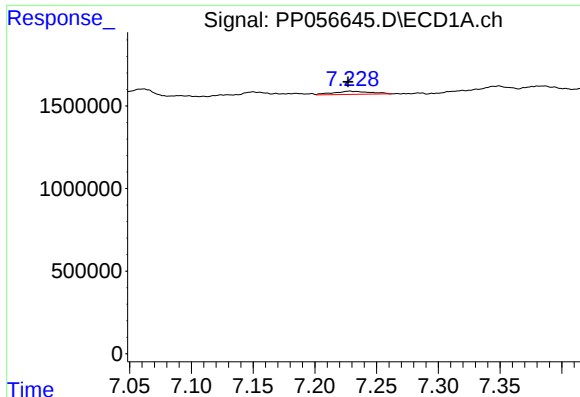
#30 AR-1254-5

R.T.: 7.773 min
Delta R.T.: 0.003 min
Response: 235747
Conc: 3.79 ng/ml



#30 AR-1254-5

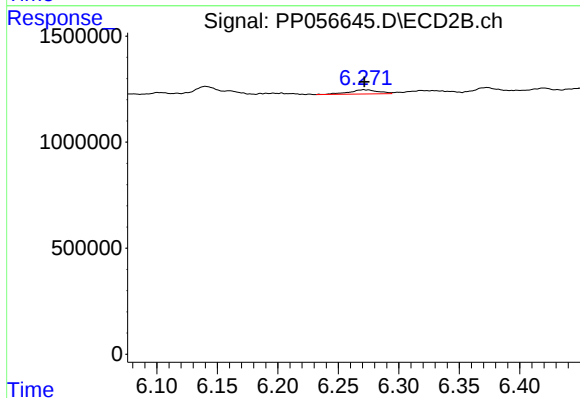
R.T.: 6.793 min
Delta R.T.: 0.001 min
Response: 544742
Conc: 6.04 ng/ml



#31 AR-1260-1

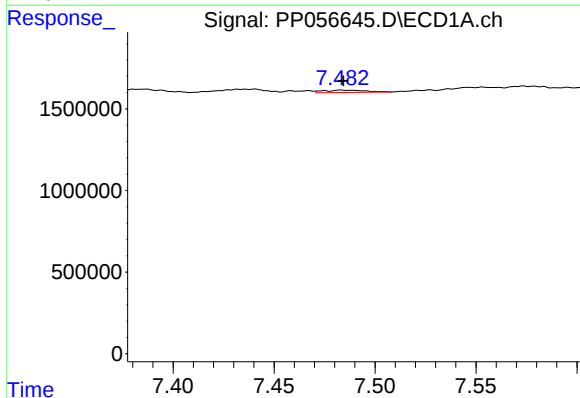
R.T.: 7.228 min
Delta R.T.: 0.001 min
Response: 401398
Conc: 5.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



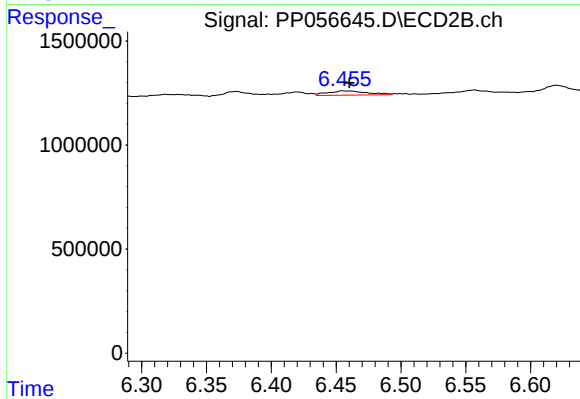
#31 AR-1260-1

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 345173
Conc: 4.30 ng/ml



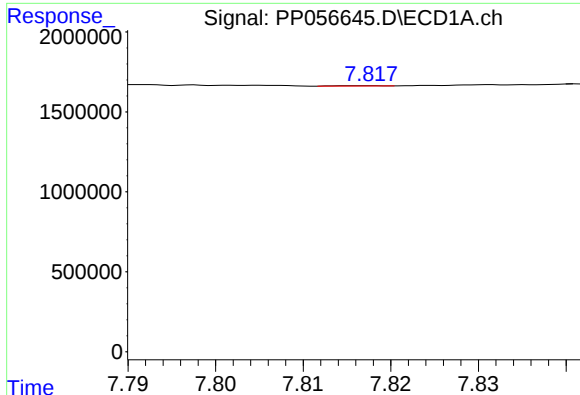
#32 AR-1260-2

R.T.: 7.483 min
Delta R.T.: -0.001 min
Response: 208896
Conc: 2.83 ng/ml



#32 AR-1260-2

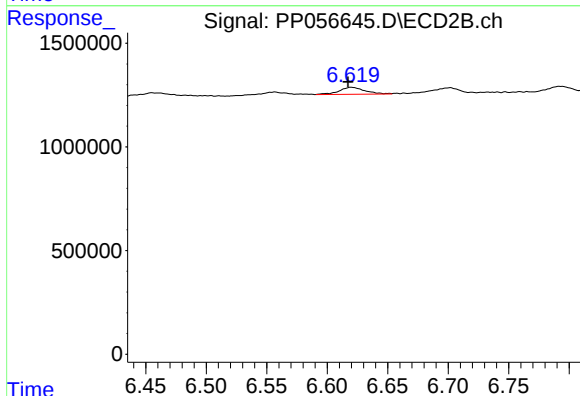
R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 427942
Conc: 4.96 ng/ml



#33 AR-1260-3

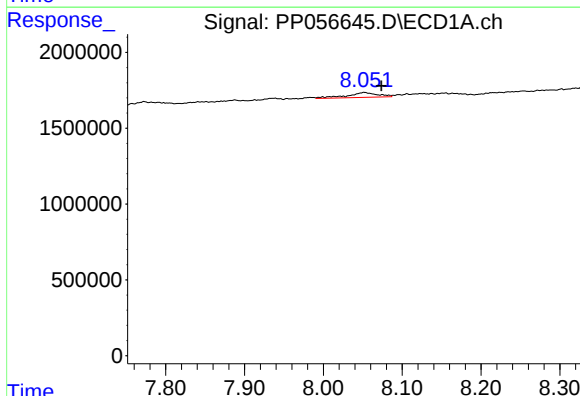
R.T.: 7.817 min
Delta R.T.: -0.029 min
Response: 8000
Conc: 0.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



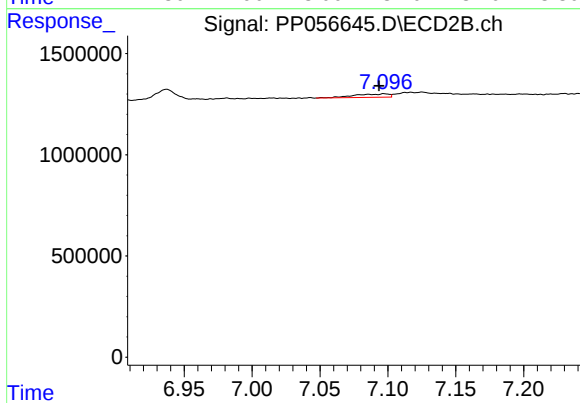
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: 0.003 min
Response: 488898
Conc: 5.77 ng/ml



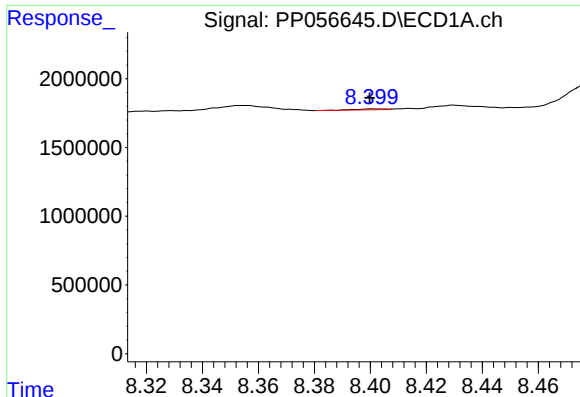
#34 AR-1260-4

R.T.: 8.052 min
Delta R.T.: -0.022 min
Response: 880416
Conc: 14.28 ng/ml



#34 AR-1260-4

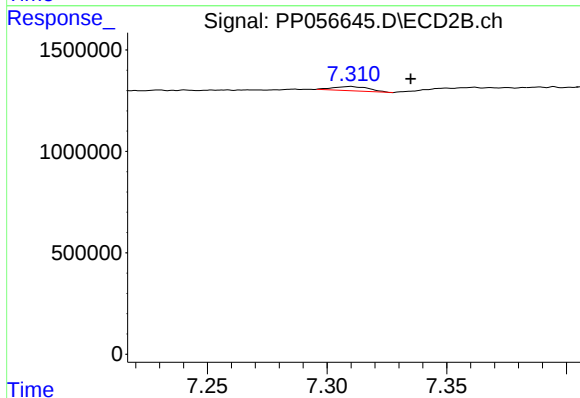
R.T.: 7.097 min
Delta R.T.: 0.004 min
Response: 293977
Conc: 4.28 ng/ml



#35 AR-1260-5

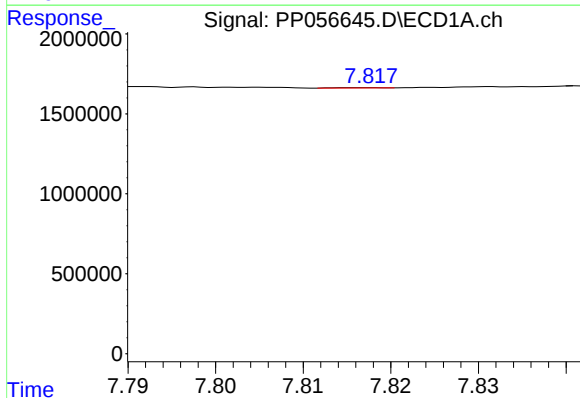
R.T.: 8.401 min
Delta R.T.: 0.002 min
Response: 42535
Conc: 0.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



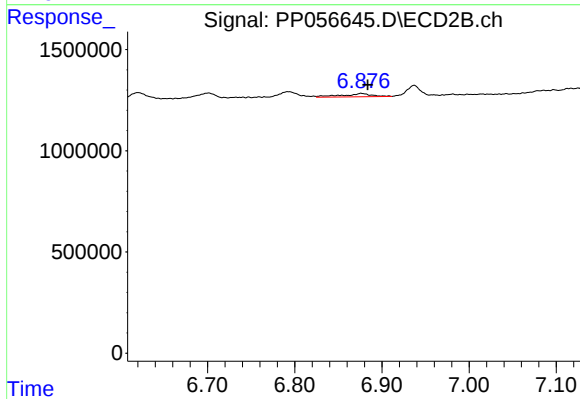
#35 AR-1260-5

R.T.: 7.310 min
Delta R.T.: -0.025 min
Response: 221351
Conc: 1.68 ng/ml



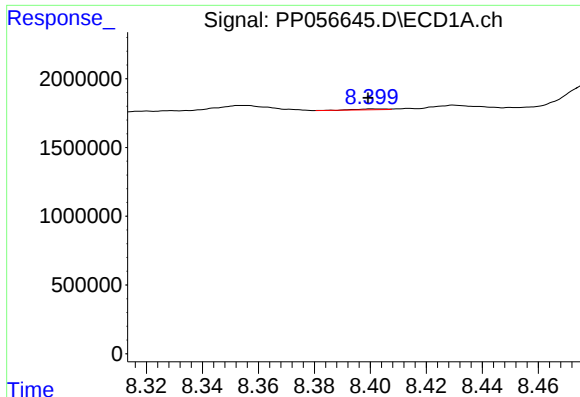
#36 AR-1262-1

R.T.: 7.817 min
Delta R.T.: -0.030 min
Response: 8000
Conc: 0.10 ng/ml



#36 AR-1262-1

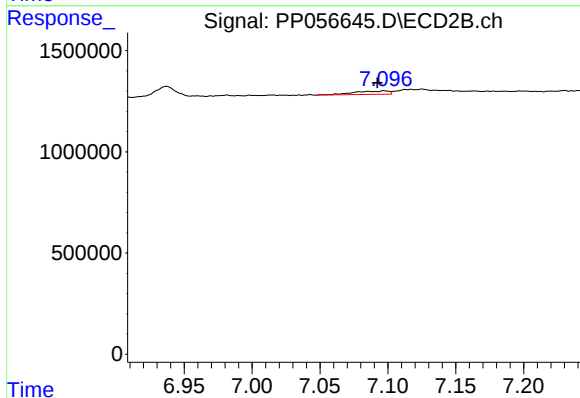
R.T.: 6.876 min
Delta R.T.: -0.007 min
Response: 387117
Conc: 9.13 ng/ml



#37 AR-1262-2

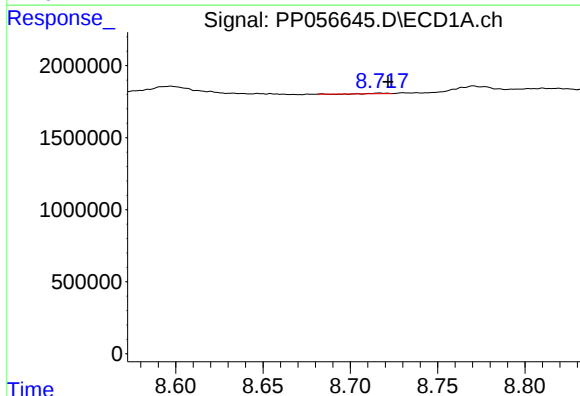
R.T.: 8.401 min
Delta R.T.: 0.002 min
Response: 42535
Conc: 0.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



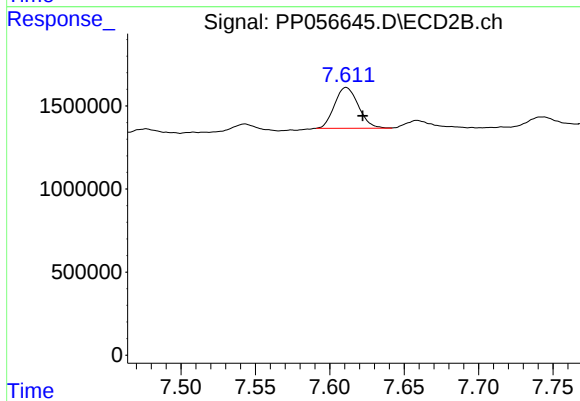
#37 AR-1262-2

R.T.: 7.097 min
Delta R.T.: 0.005 min
Response: 293977
Conc: 3.31 ng/ml



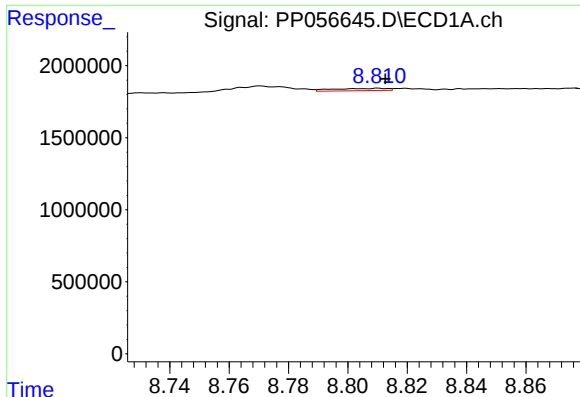
#38 AR-1262-3

R.T.: 8.717 min
Delta R.T.: -0.005 min
Response: 10912
Conc: 0.13 ng/ml



#38 AR-1262-3

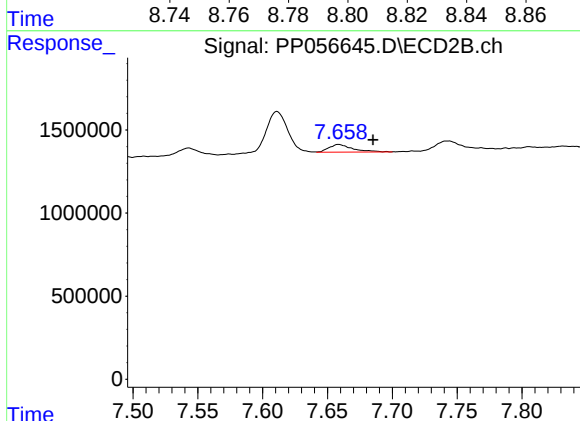
R.T.: 7.611 min
Delta R.T.: -0.011 min
Response: 2745373
Conc: 41.67 ng/ml



#39 AR-1262-4

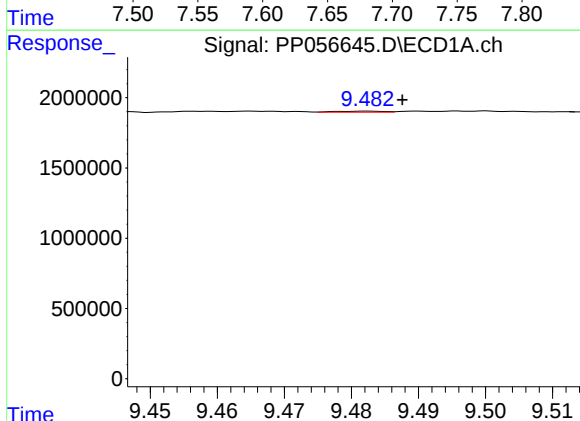
R.T.: 8.810 min
Delta R.T.: -0.002 min
Response: 201551
Conc: 4.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



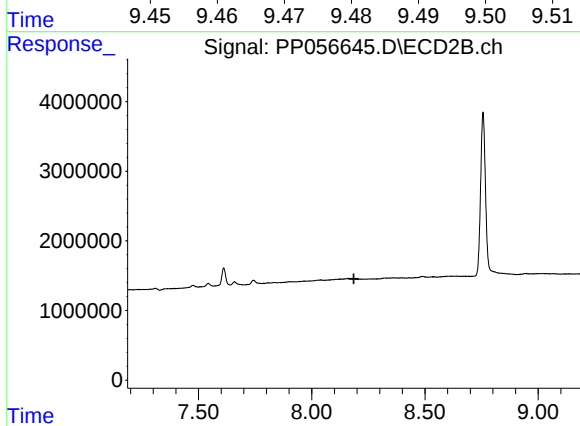
#39 AR-1262-4

R.T.: 7.659 min
Delta R.T.: -0.026 min
Response: 574747
Conc: 5.03 ng/ml



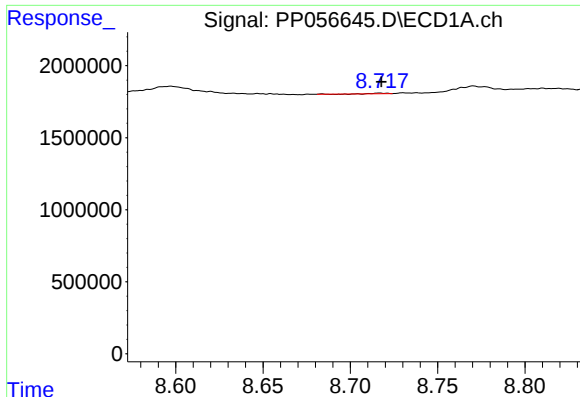
#40 AR-1262-5

R.T.: 9.482 min
Delta R.T.: -0.005 min
Response: 36165
Conc: 0.90 ng/ml



#40 AR-1262-5

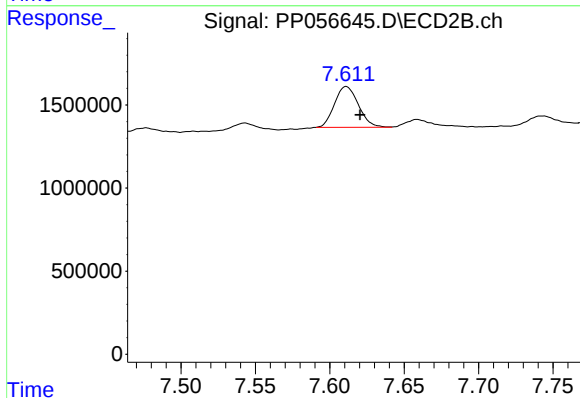
R.T.: 0.000 min
Exp R.T. : 8.186 min
Response: 0
Conc: N.D.



#41 AR-1268-1

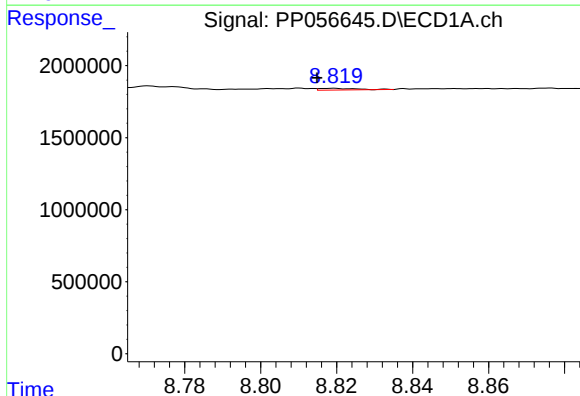
R.T.: 8.717 min
Delta R.T.: -0.001 min
Response: 10912
Conc: 0.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



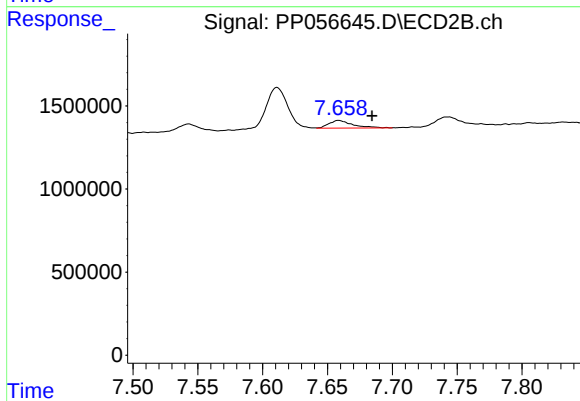
#41 AR-1268-1

R.T.: 7.611 min
Delta R.T.: -0.009 min
Response: 2745373
Conc: 14.27 ng/ml



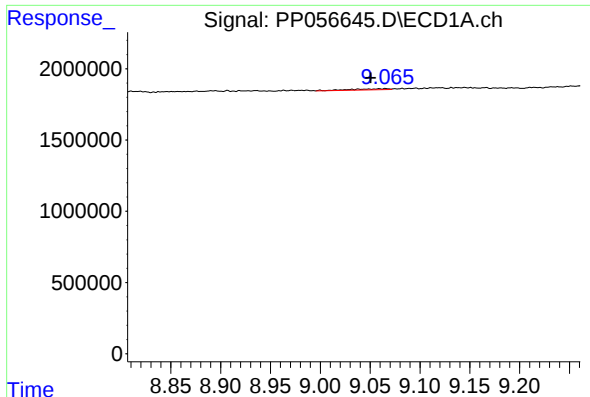
#42 AR-1268-2

R.T.: 8.819 min
Delta R.T.: 0.004 min
Response: 80537
Conc: 0.54 ng/ml



#42 AR-1268-2

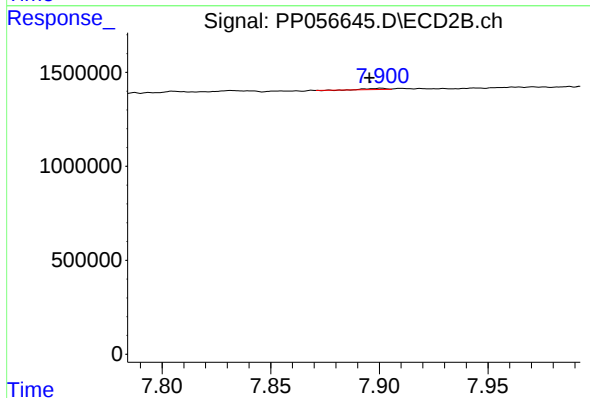
R.T.: 7.659 min
Delta R.T.: -0.026 min
Response: 574747
Conc: 3.26 ng/ml



#43 AR-1268-3

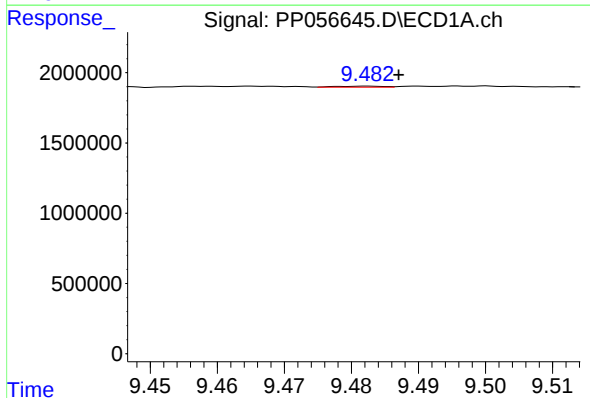
R.T.: 9.066 min
Delta R.T.: 0.015 min
Response: 178905
Conc: 1.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



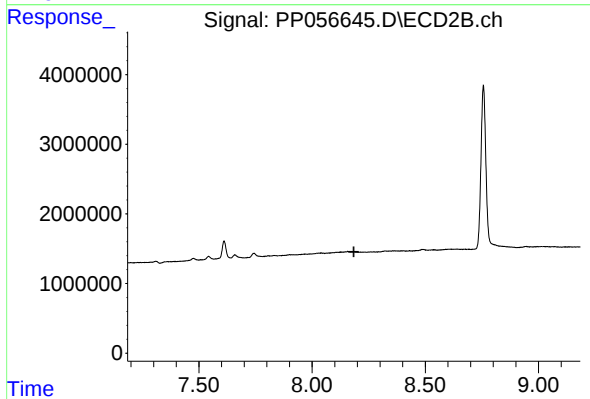
#43 AR-1268-3

R.T.: 7.901 min
Delta R.T.: 0.005 min
Response: 38753
Conc: 0.23 ng/ml



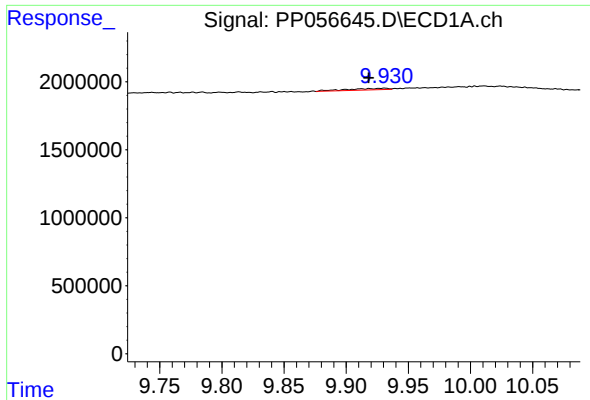
#44 AR-1268-4

R.T.: 9.482 min
Delta R.T.: -0.005 min
Response: 36165
Conc: 0.82 ng/ml



#44 AR-1268-4

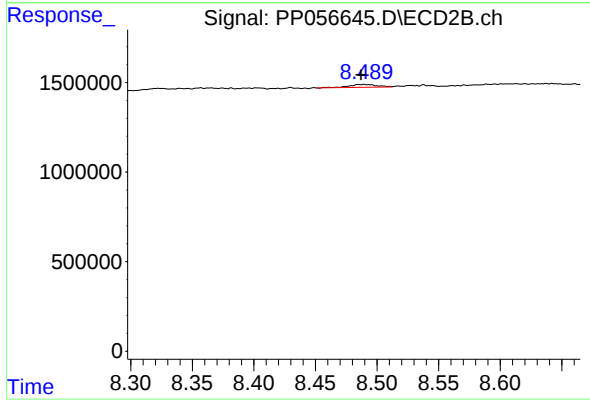
R.T.: 0.000 min
Exp R.T. : 8.184 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.931 min
Delta R.T.: 0.013 min
Response: 265892
Conc: 0.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.490 min
Delta R.T.: 0.002 min
Response: 249094
Conc: 0.57 ng/ml