

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072723\
 Data File : PP059019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2023 15:14
 Operator : YP\AJ
 Sample : 03781-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 21:33:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP072123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 22 02:26:24 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...	4.425	3.662	25392760	37937405	18.445	19.727
2)	SA Decachlor...	10.221	8.704	19206173	28574636	22.294	20.195
Target Compounds							
3)	L1 AR-1016-1	5.601	4.783f	116960	109741	2.679	1.909 #
4)	L1 AR-1016-2	5.624	4.783	245659	109741	3.945	1.334 #
5)	L1 AR-1016-3	5.680	4.957	267806	237342	6.689	5.397
6)	L1 AR-1016-4	5.791	5.006	40877	16850	1.267	0.433 #
7)	L1 AR-1016-5	6.092	5.199f	227338	202448	6.666	4.093 #
8)	L2 AR-1221-1	4.632	3.867	1487077	115869	83.620	4.909 #
9)	L2 AR-1221-2	4.733	3.965	382627	795554	29.189	44.607 #
10)	L2 AR-1221-3	4.790	4.035	21883	192947	0.564	3.497 #
11)	L3 AR-1232-1	4.790	4.035	21883	192947	0.680	4.250 #
12)	L3 AR-1232-2	5.334	4.783	38429	109741	2.122	2.842 #
13)	L3 AR-1232-3	5.624	4.957	245659	237342	8.291	11.424 #
14)	L3 AR-1232-4	5.791	5.034	40877	41236	2.723	2.038 #
15)	L3 AR-1232-5	5.876	5.199f	32463	202448	2.506	9.055 #
16)	L4 AR-1242-1	5.601	4.783f	116960	109741	3.094	2.208 #
17)	L4 AR-1242-2	5.624	4.783	245659	109741	4.562	1.539 #
18)	L4 AR-1242-3	5.680	4.957	267806	237342	7.733	6.260
19)	L4 AR-1242-4	5.791	5.034	40877	41236	1.452	1.024 #
20)	L4 AR-1242-5	6.524	5.563	35641	509370	1.256	10.581 #
21)	L5 AR-1248-1	5.601	4.783f	116960	109741	4.227	3.046 #
22)	L5 AR-1248-2	5.876	5.006	32463	16850	0.755	0.297 #
23)	L5 AR-1248-3	6.092	5.034	227338	41236	4.851	0.720 #
24)	L5 AR-1248-4	6.491	5.199f	25918	202448	0.548	2.979 #
25)	L5 AR-1248-5	6.524	5.606	35641	646009	0.778	10.601 #
26)	L6 AR-1254-1	6.468	5.563	128673	509370	2.426	5.037 #
27)	L6 AR-1254-2	6.682	5.713	105377	76120	1.346	0.880 #
28)	L6 AR-1254-3	7.043	6.131	420849	1542622	5.370	11.228 #
29)	L6 AR-1254-4	7.336	6.349	12525	57083	0.240	0.714 #
30)	L6 AR-1254-5	7.754	6.765	1027860	1535205	19.116	12.752 #
31)	L7 AR-1260-1	7.213	6.248	526293	809654	9.075	8.180
32)	L7 AR-1260-2	7.469	6.437	535593	932588	8.839	8.203
33)	L7 AR-1260-3	7.832	6.592	515669	755010	11.647	6.898 #
34)	L7 AR-1260-4	8.056	7.063	895172	1011956	18.150	11.901 #
35)	L7 AR-1260-5	8.378	7.308	1191115	2305304	13.359	13.594
36)	L8 AR-1262-1	7.832	6.857	515669	399134	7.557	7.304
37)	L8 AR-1262-2	8.378	7.063	1191115	1011956	10.867	8.775
38)	L8 AR-1262-3	8.715f	7.592	2611307	408476	33.317	4.641 #
39)	L8 AR-1262-4	8.787	7.655	809344	1666391	13.387	10.586
40)	L8 AR-1262-5	9.452	8.152	257516	375352	6.630	5.508
41)	L9 AR-1268-1	8.715f	7.592	2611307	408476	19.495	1.685 #

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 ALS Vial : 10 Sample Multiplier: 1

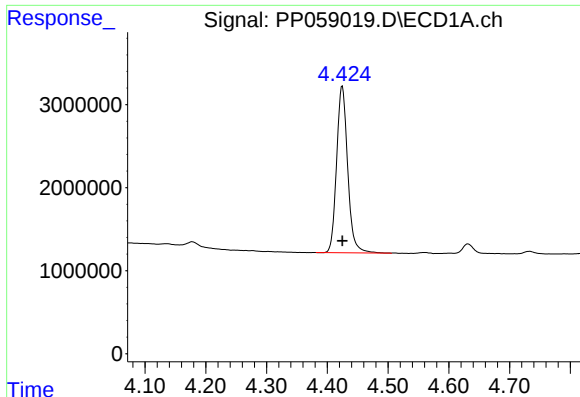
Instrument :
 ECD_P
 ClientSampleId :

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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	8.787	7.655	809344	1666391	6.798	7.513
43) L9	AR-1268-3	9.020	7.863	47123	125985	0.440	0.618 #
44) L9	AR-1268-4	9.452	8.152	257516	375352	6.194	5.077
45) L9	AR-1268-5	9.882	8.447	266304	517282	0.832	0.939

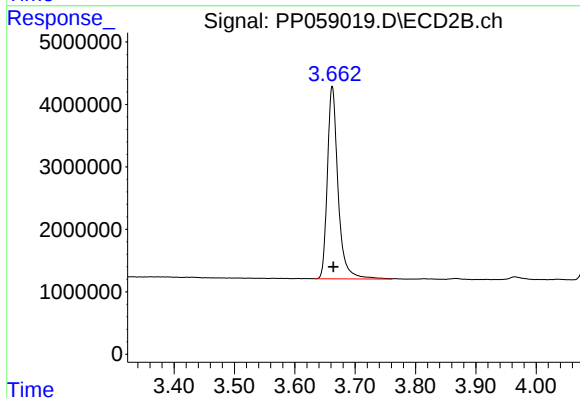
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

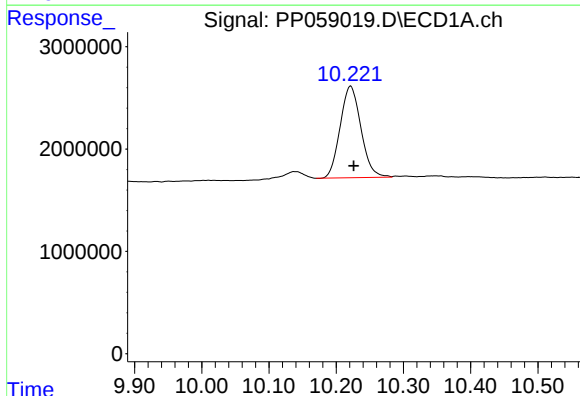
R.T.: 4.425 min
Delta R.T.: 0.000 min
Response: 25392760
Conc: 18.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



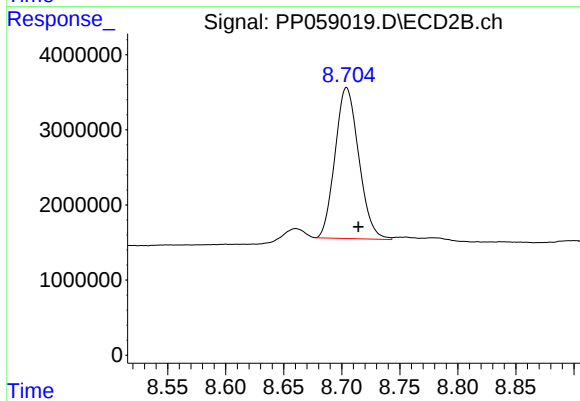
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.002 min
Response: 37937405
Conc: 19.73 ng/ml



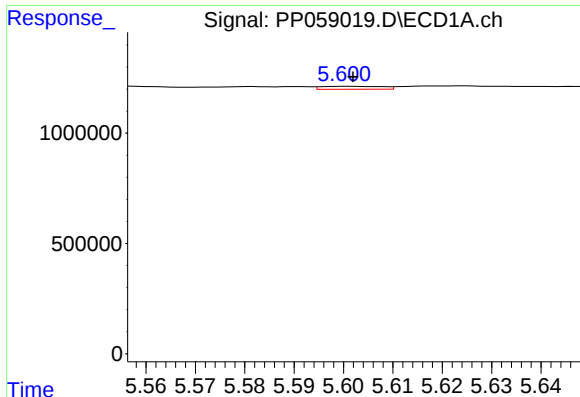
#2 Decachlorobiphenyl

R.T.: 10.221 min
Delta R.T.: -0.005 min
Response: 19206173
Conc: 22.29 ng/ml



#2 Decachlorobiphenyl

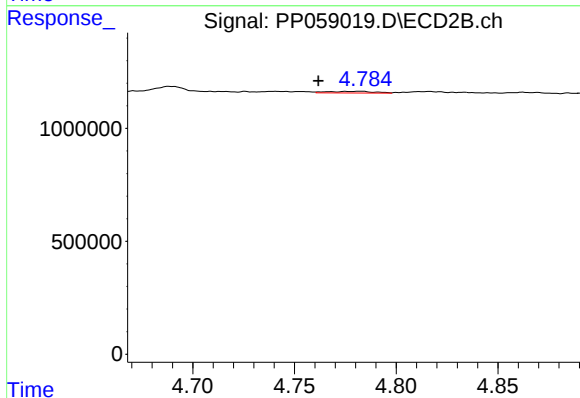
R.T.: 8.704 min
Delta R.T.: -0.010 min
Response: 28574636
Conc: 20.20 ng/ml



#3 AR-1016-1

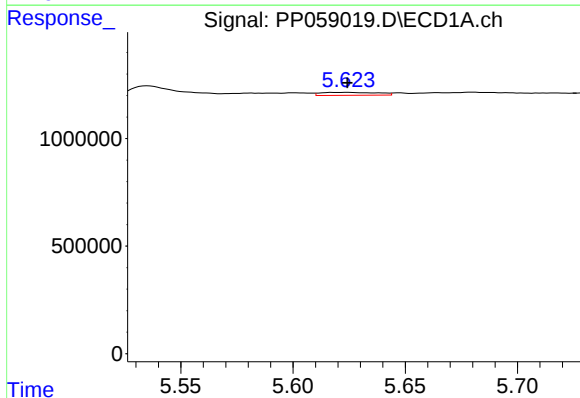
R.T.: 5.601 min
Delta R.T.: -0.001 min
Response: 116960
Conc: 2.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



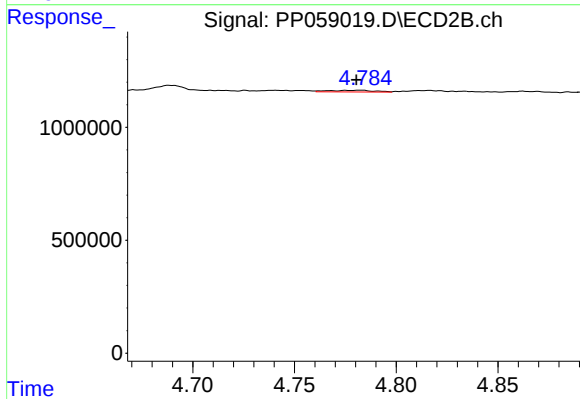
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: 0.021 min
Response: 109741
Conc: 1.91 ng/ml



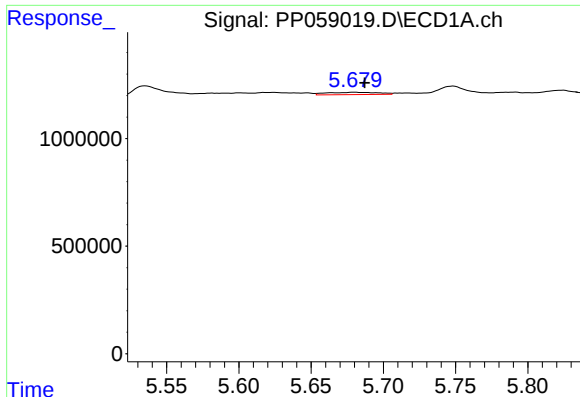
#4 AR-1016-2

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 245659
Conc: 3.95 ng/ml



#4 AR-1016-2

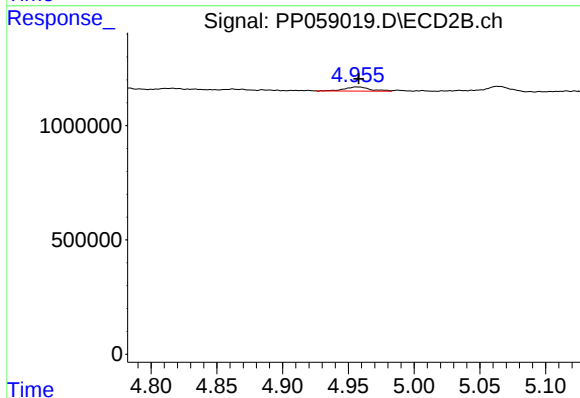
R.T.: 4.783 min
Delta R.T.: 0.002 min
Response: 109741
Conc: 1.33 ng/ml



#5 AR-1016-3

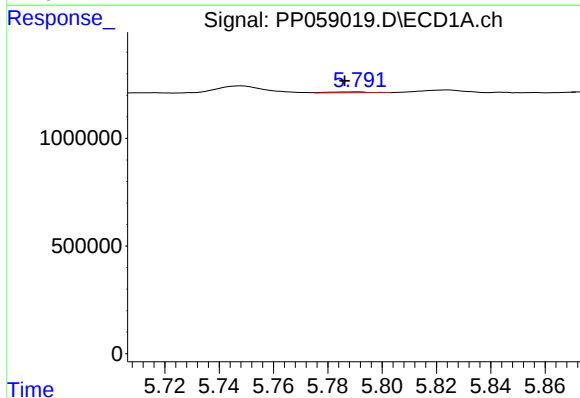
R.T.: 5.680 min
Delta R.T.: -0.007 min
Response: 267806
Conc: 6.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



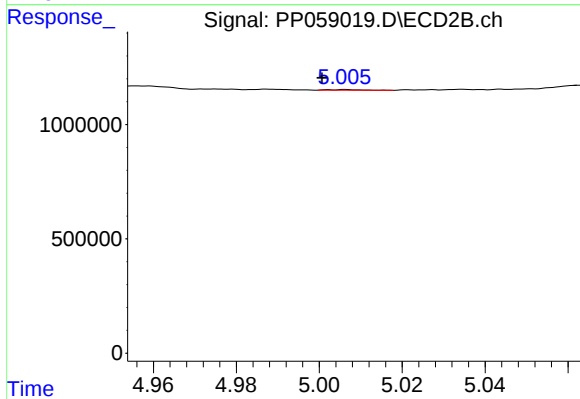
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: -0.001 min
Response: 237342
Conc: 5.40 ng/ml



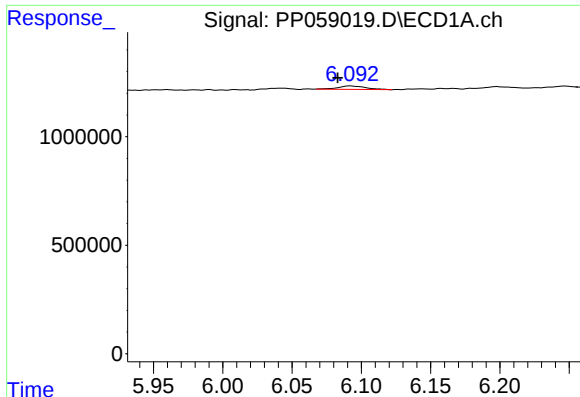
#6 AR-1016-4

R.T.: 5.791 min
Delta R.T.: 0.005 min
Response: 40877
Conc: 1.27 ng/ml



#6 AR-1016-4

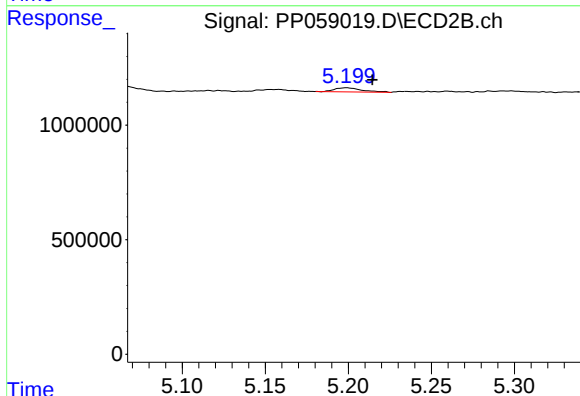
R.T.: 5.006 min
Delta R.T.: 0.006 min
Response: 16850
Conc: 0.43 ng/ml



#7 AR-1016-5

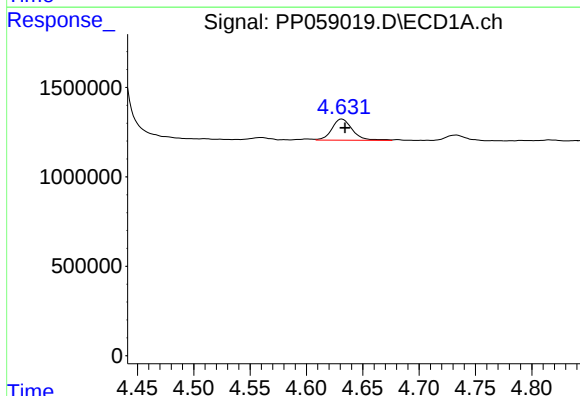
R.T.: 6.092 min
Delta R.T.: 0.009 min
Response: 227338
Conc: 6.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



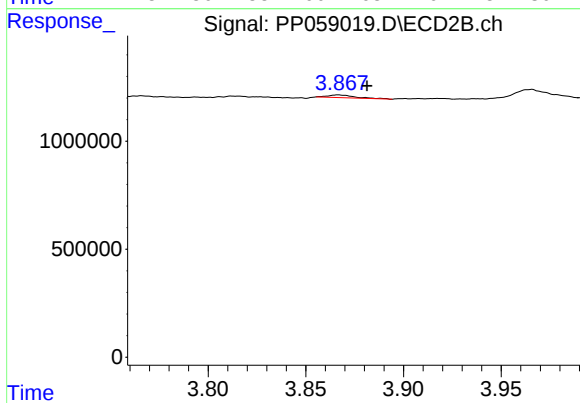
#7 AR-1016-5

R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 202448
Conc: 4.09 ng/ml



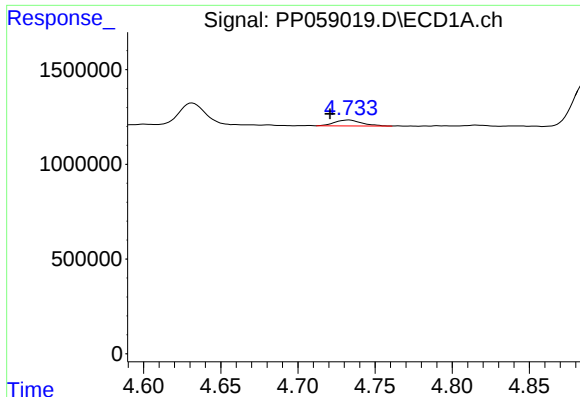
#8 AR-1221-1

R.T.: 4.632 min
Delta R.T.: -0.003 min
Response: 1487077
Conc: 83.62 ng/ml



#8 AR-1221-1

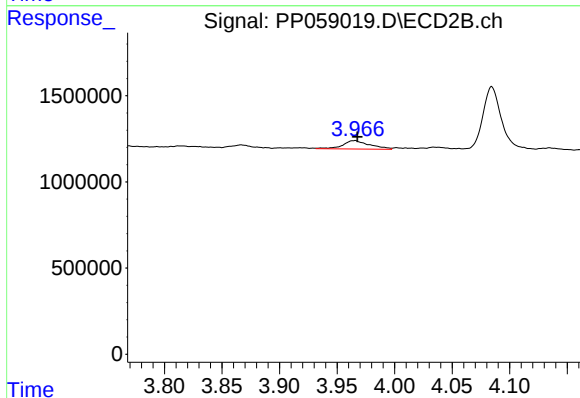
R.T.: 3.867 min
Delta R.T.: -0.015 min
Response: 115869
Conc: 4.91 ng/ml



#9 AR-1221-2

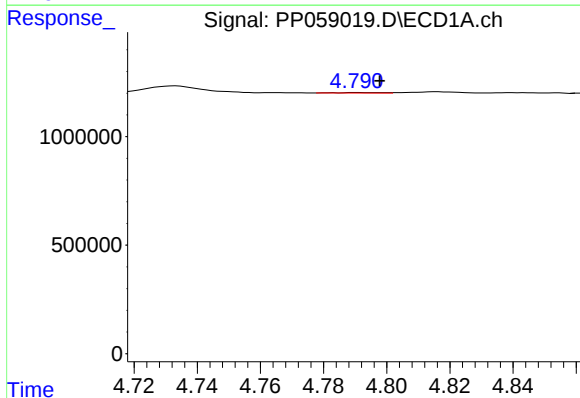
R.T.: 4.733 min
Delta R.T.: 0.012 min
Response: 382627
Conc: 29.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



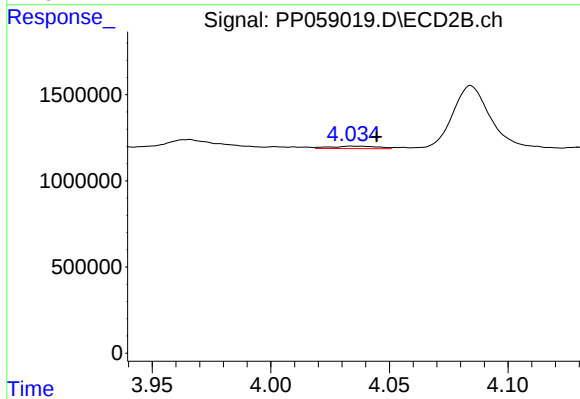
#9 AR-1221-2

R.T.: 3.965 min
Delta R.T.: -0.002 min
Response: 795554
Conc: 44.61 ng/ml



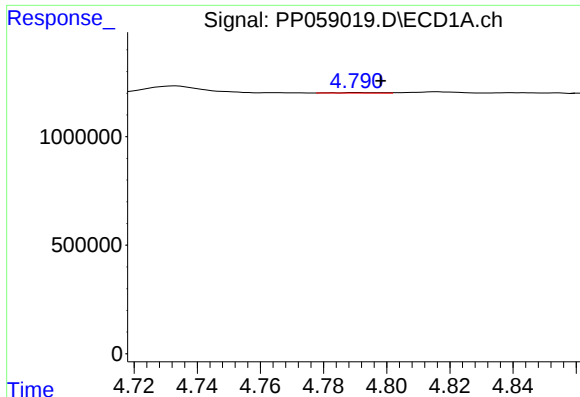
#10 AR-1221-3

R.T.: 4.790 min
Delta R.T.: -0.007 min
Response: 21883
Conc: 0.56 ng/ml



#10 AR-1221-3

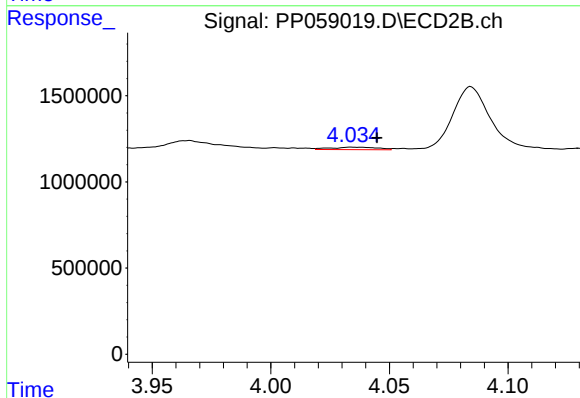
R.T.: 4.035 min
Delta R.T.: -0.010 min
Response: 192947
Conc: 3.50 ng/ml



#11 AR-1232-1

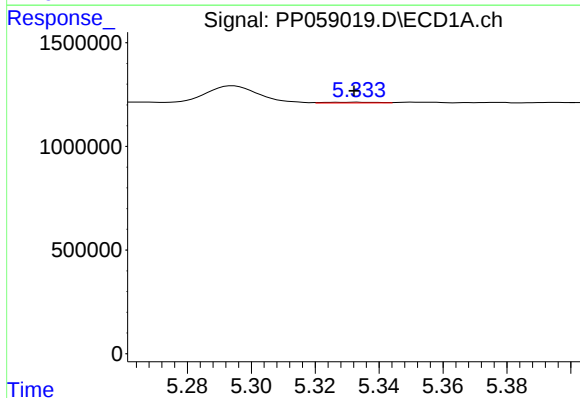
R.T.: 4.790 min
Delta R.T.: -0.008 min
Response: 21883
Conc: 0.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



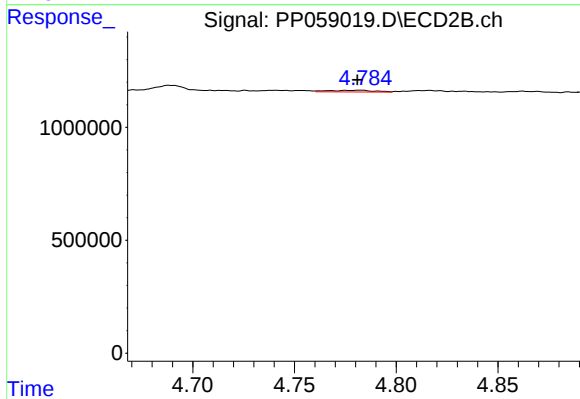
#11 AR-1232-1

R.T.: 4.035 min
Delta R.T.: -0.010 min
Response: 192947
Conc: 4.25 ng/ml



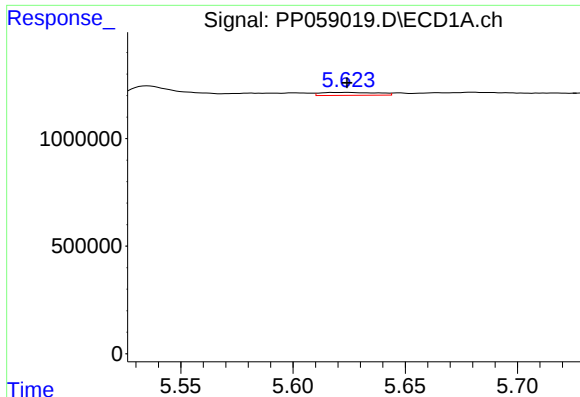
#12 AR-1232-2

R.T.: 5.334 min
Delta R.T.: 0.001 min
Response: 38429
Conc: 2.12 ng/ml



#12 AR-1232-2

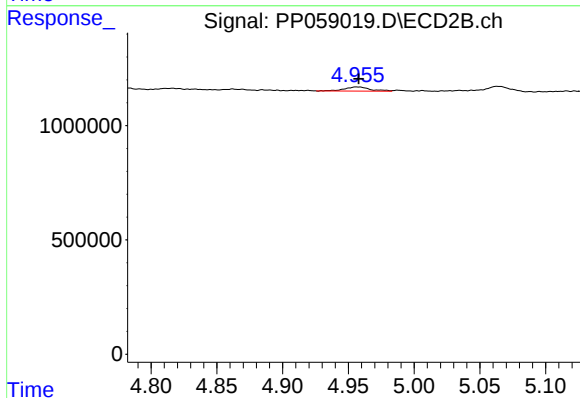
R.T.: 4.783 min
Delta R.T.: 0.002 min
Response: 109741
Conc: 2.84 ng/ml



#13 AR-1232-3

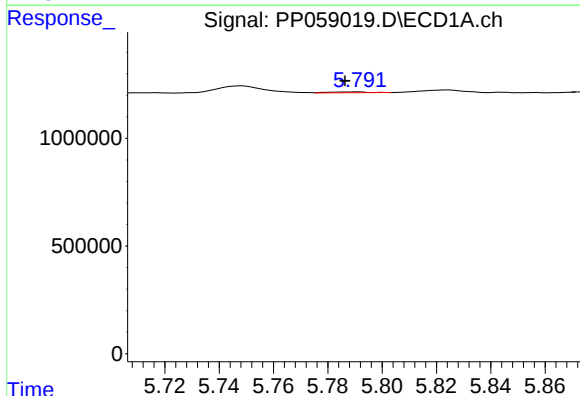
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 245659
Conc: 8.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



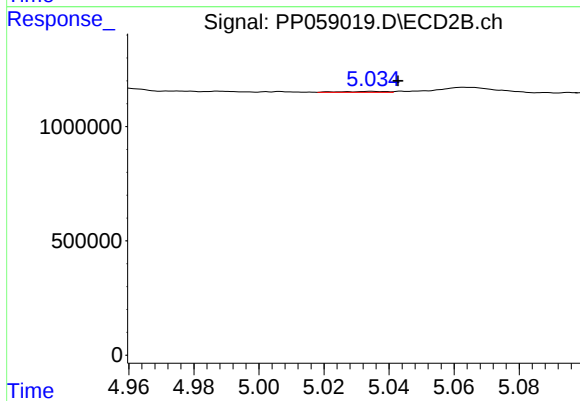
#13 AR-1232-3

R.T.: 4.957 min
Delta R.T.: -0.001 min
Response: 237342
Conc: 11.42 ng/ml



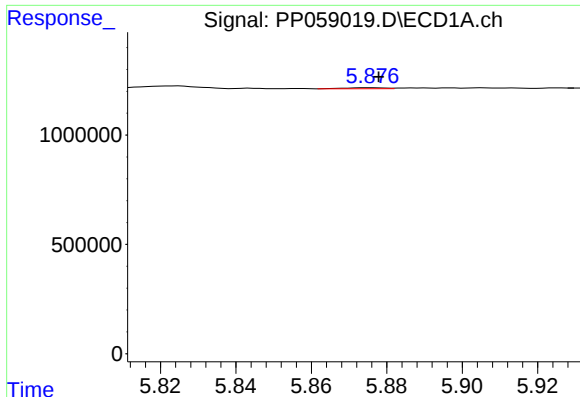
#14 AR-1232-4

R.T.: 5.791 min
Delta R.T.: 0.005 min
Response: 40877
Conc: 2.72 ng/ml



#14 AR-1232-4

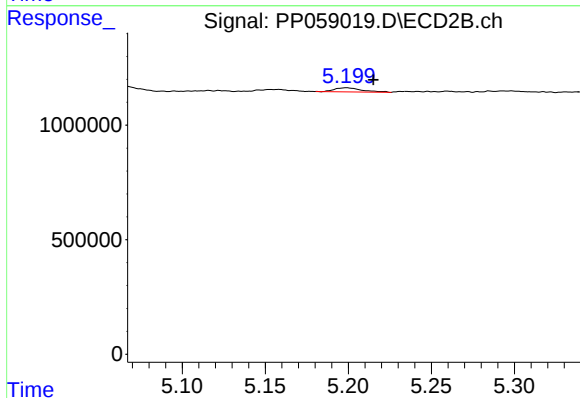
R.T.: 5.034 min
Delta R.T.: -0.008 min
Response: 41236
Conc: 2.04 ng/ml



#15 AR-1232-5

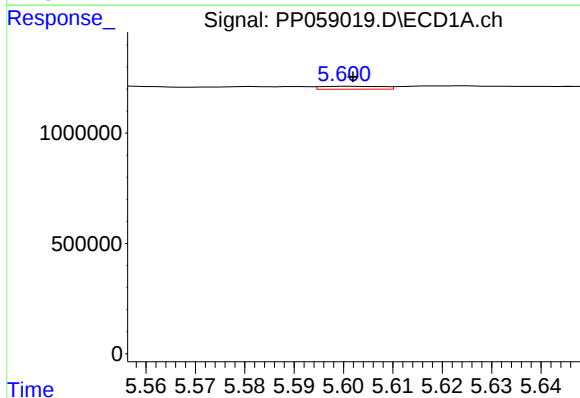
R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 32463
Conc: 2.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



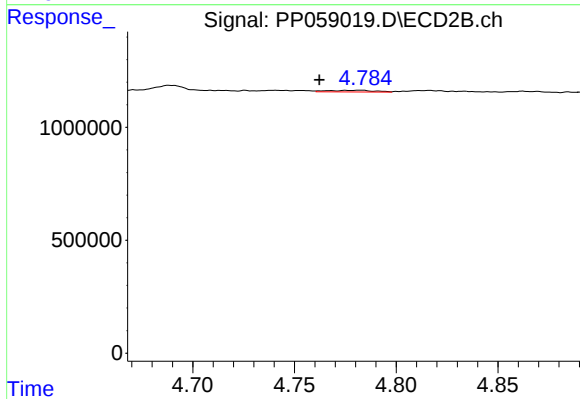
#15 AR-1232-5

R.T.: 5.199 min
Delta R.T.: -0.016 min
Response: 202448
Conc: 9.06 ng/ml



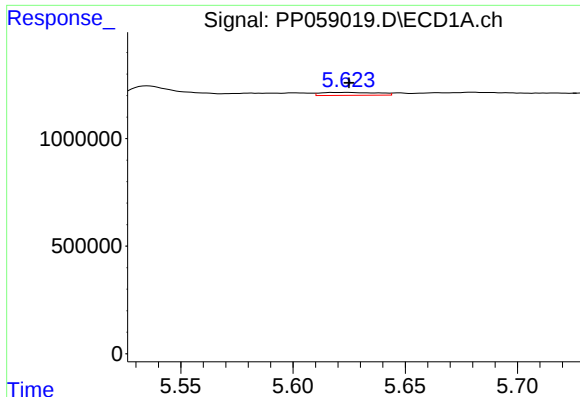
#16 AR-1242-1

R.T.: 5.601 min
Delta R.T.: -0.001 min
Response: 116960
Conc: 3.09 ng/ml



#16 AR-1242-1

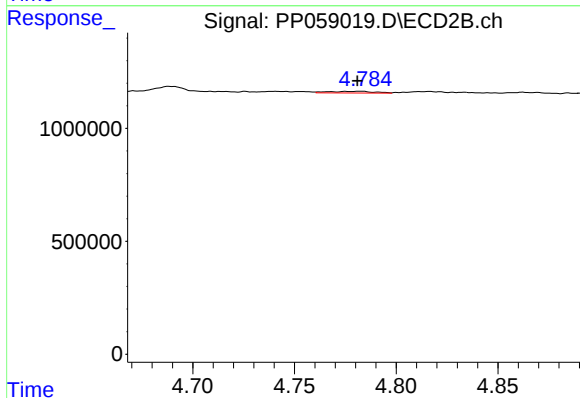
R.T.: 4.783 min
Delta R.T.: 0.020 min
Response: 109741
Conc: 2.21 ng/ml



#17 AR-1242-2

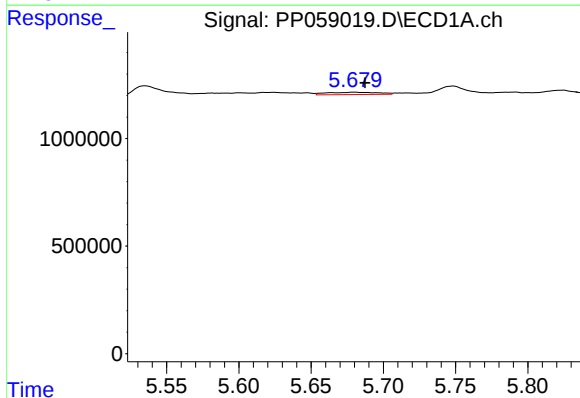
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 245659
Conc: 4.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



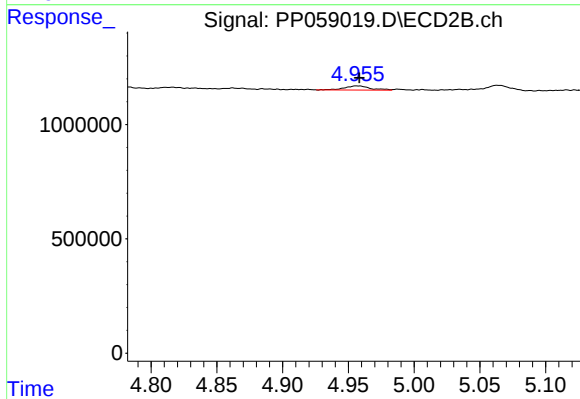
#17 AR-1242-2

R.T.: 4.783 min
Delta R.T.: 0.002 min
Response: 109741
Conc: 1.54 ng/ml



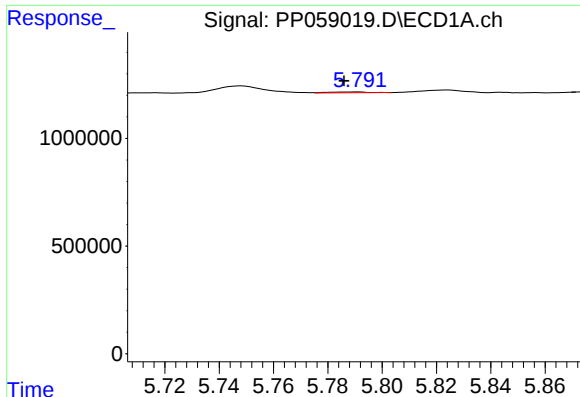
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: -0.007 min
Response: 267806
Conc: 7.73 ng/ml



#18 AR-1242-3

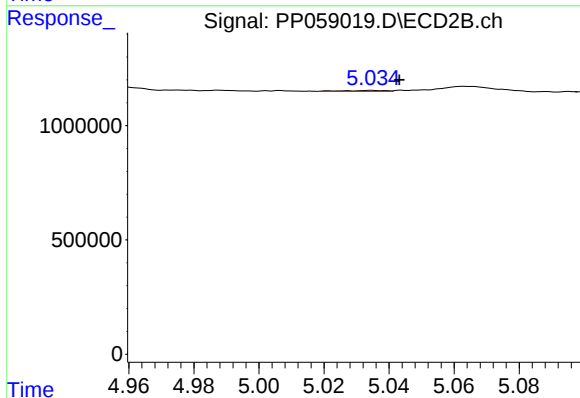
R.T.: 4.957 min
Delta R.T.: -0.002 min
Response: 237342
Conc: 6.26 ng/ml



#19 AR-1242-4

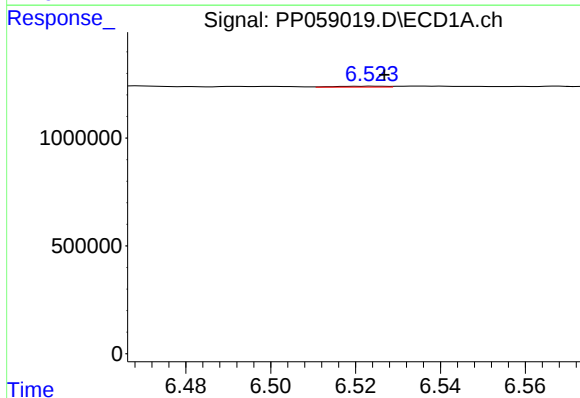
R.T.: 5.791 min
Delta R.T.: 0.005 min
Response: 40877
Conc: 1.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



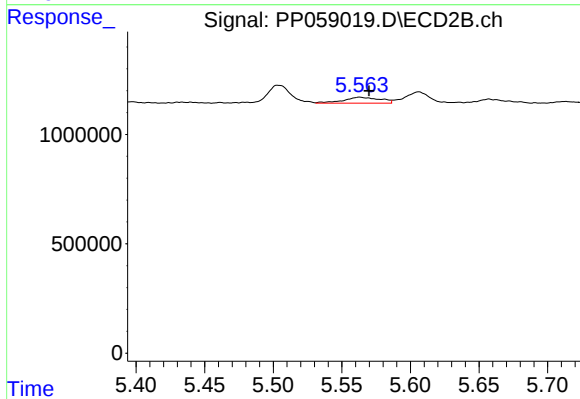
#19 AR-1242-4

R.T.: 5.034 min
Delta R.T.: -0.009 min
Response: 41236
Conc: 1.02 ng/ml



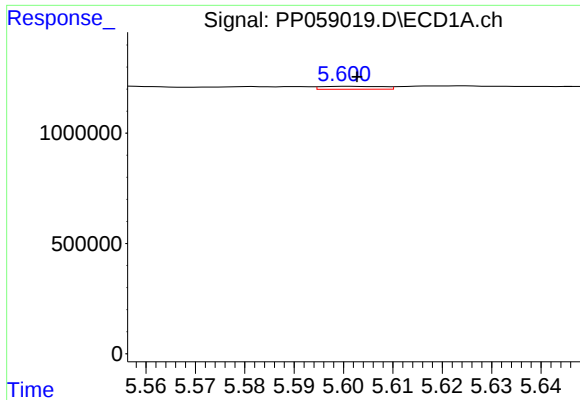
#20 AR-1242-5

R.T.: 6.524 min
Delta R.T.: -0.003 min
Response: 35641
Conc: 1.26 ng/ml



#20 AR-1242-5

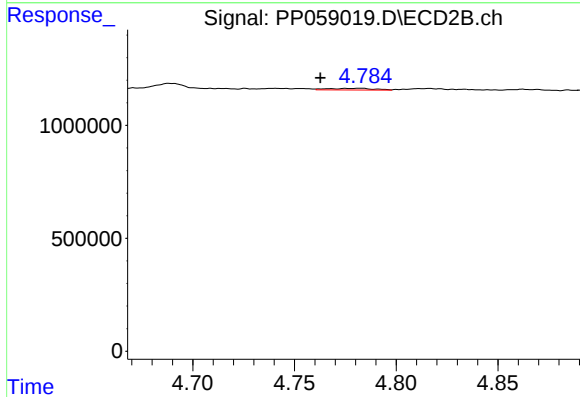
R.T.: 5.563 min
Delta R.T.: -0.007 min
Response: 509370
Conc: 10.58 ng/ml



#21 AR-1248-1

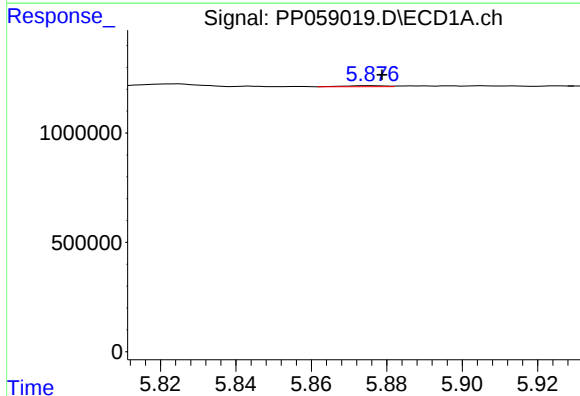
R.T.: 5.601 min
Delta R.T.: -0.002 min
Response: 116960
Conc: 4.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



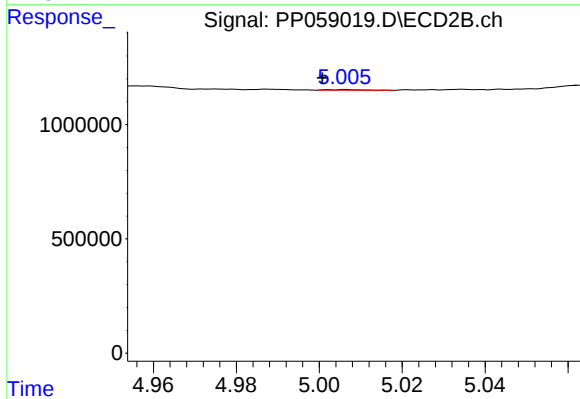
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: 0.020 min
Response: 109741
Conc: 3.05 ng/ml



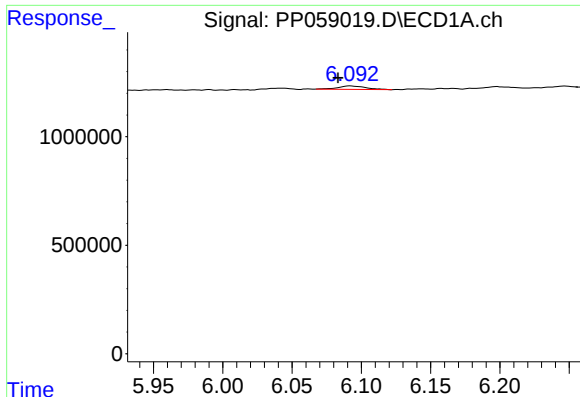
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: -0.003 min
Response: 32463
Conc: 0.76 ng/ml



#22 AR-1248-2

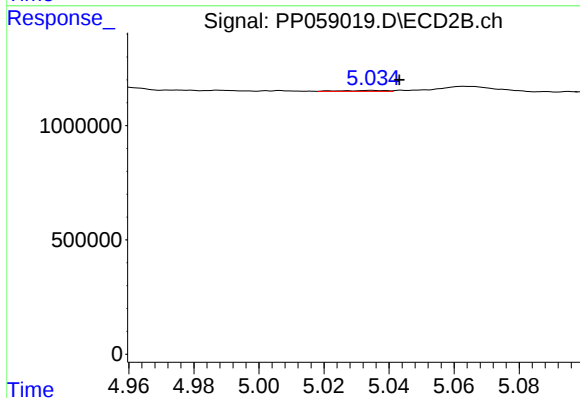
R.T.: 5.006 min
Delta R.T.: 0.006 min
Response: 16850
Conc: 0.30 ng/ml



#23 AR-1248-3

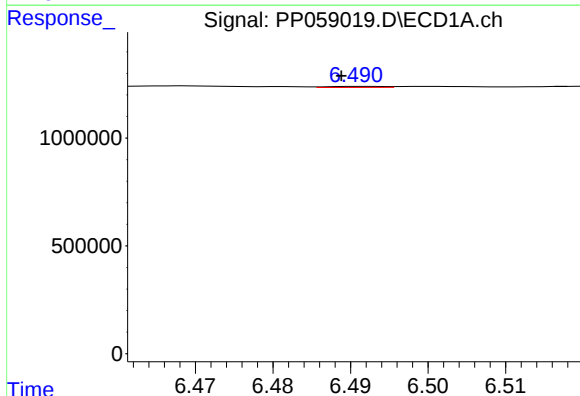
R.T.: 6.092 min
Delta R.T.: 0.009 min
Response: 227338
Conc: 4.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



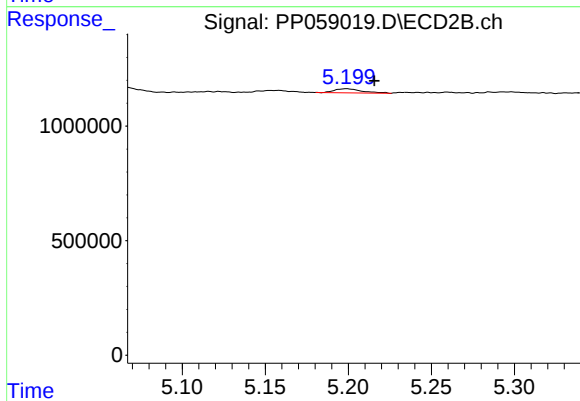
#23 AR-1248-3

R.T.: 5.034 min
Delta R.T.: -0.009 min
Response: 41236
Conc: 0.72 ng/ml



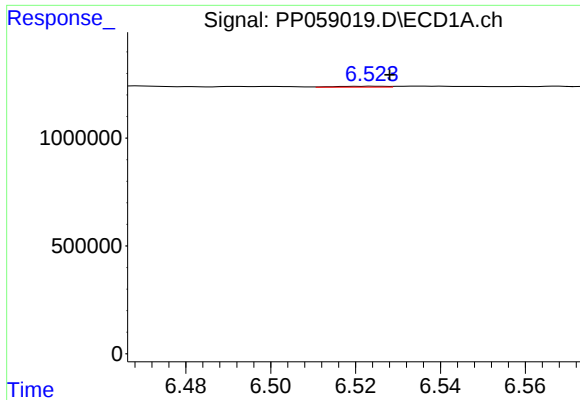
#24 AR-1248-4

R.T.: 6.491 min
Delta R.T.: 0.003 min
Response: 25918
Conc: 0.55 ng/ml



#24 AR-1248-4

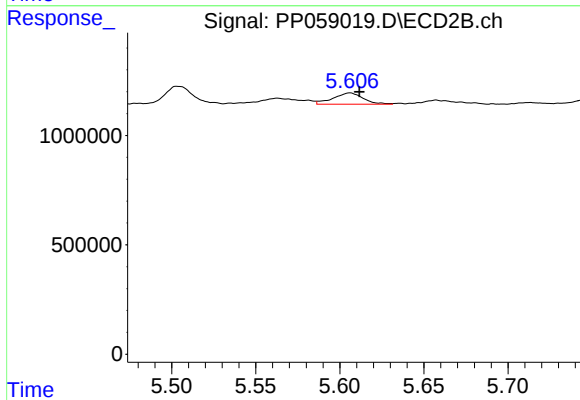
R.T.: 5.199 min
Delta R.T.: -0.017 min
Response: 202448
Conc: 2.98 ng/ml



#25 AR-1248-5

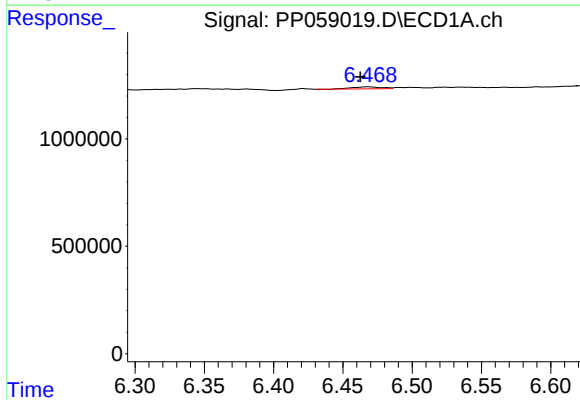
R.T.: 6.524 min
Delta R.T.: -0.004 min
Response: 35641
Conc: 0.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



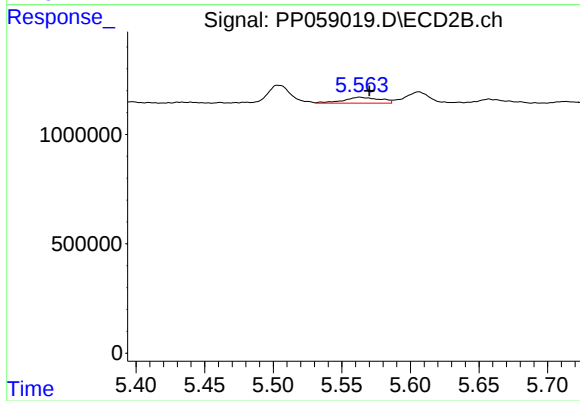
#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: -0.006 min
Response: 646009
Conc: 10.60 ng/ml



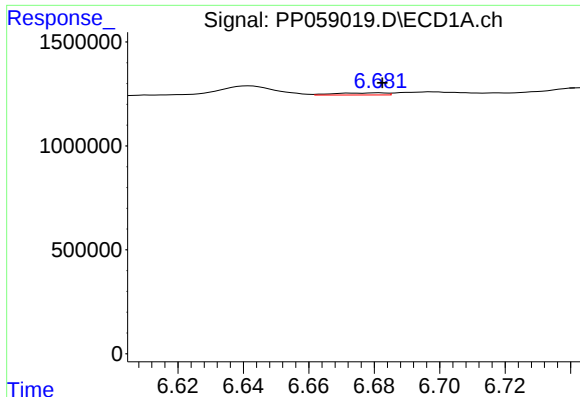
#26 AR-1254-1

R.T.: 6.468 min
Delta R.T.: 0.006 min
Response: 128673
Conc: 2.43 ng/ml



#26 AR-1254-1

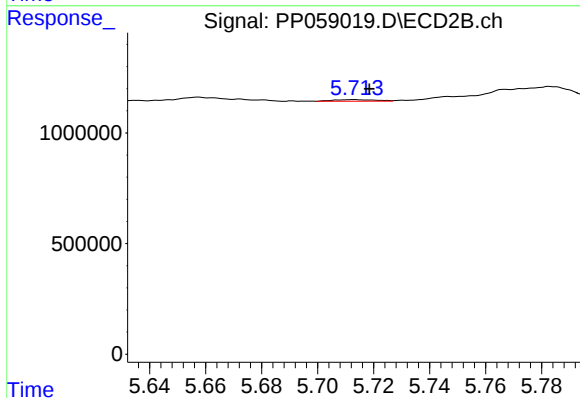
R.T.: 5.563 min
Delta R.T.: -0.007 min
Response: 509370
Conc: 5.04 ng/ml



#27 AR-1254-2

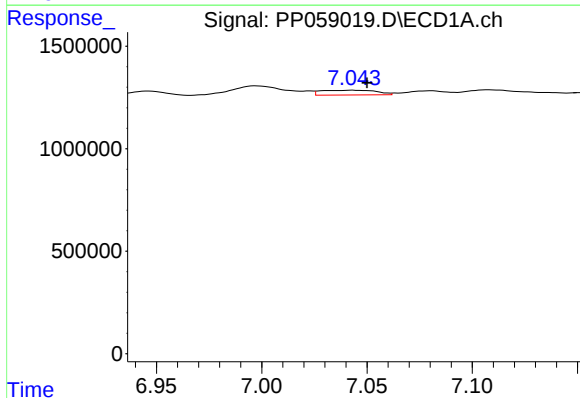
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 105377
Conc: 1.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



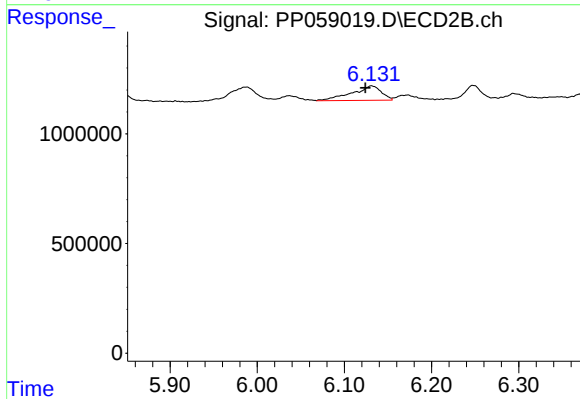
#27 AR-1254-2

R.T.: 5.713 min
Delta R.T.: -0.005 min
Response: 76120
Conc: 0.88 ng/ml



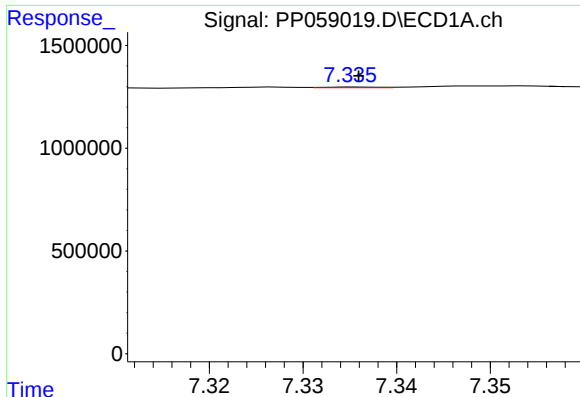
#28 AR-1254-3

R.T.: 7.043 min
Delta R.T.: -0.007 min
Response: 420849
Conc: 5.37 ng/ml



#28 AR-1254-3

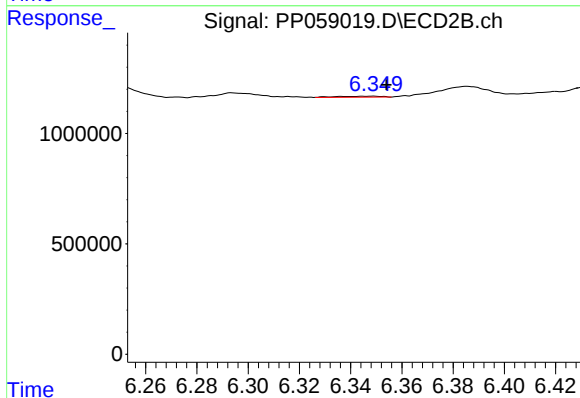
R.T.: 6.131 min
Delta R.T.: 0.007 min
Response: 1542622
Conc: 11.23 ng/ml



#29 AR-1254-4

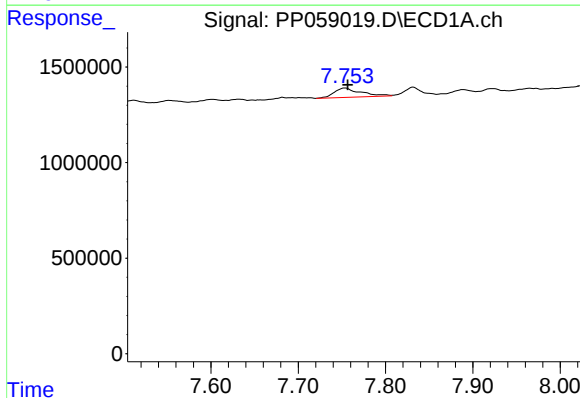
R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 12525
Conc: 0.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



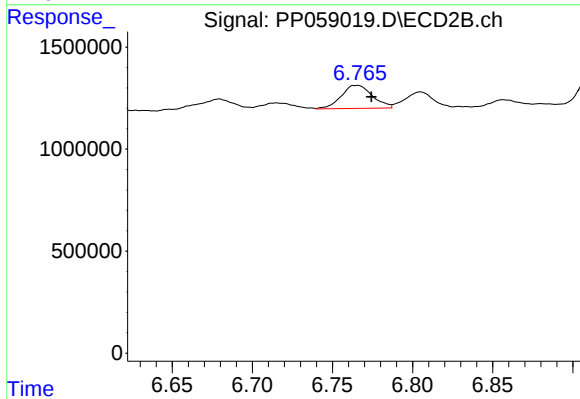
#29 AR-1254-4

R.T.: 6.349 min
Delta R.T.: -0.005 min
Response: 57083
Conc: 0.71 ng/ml



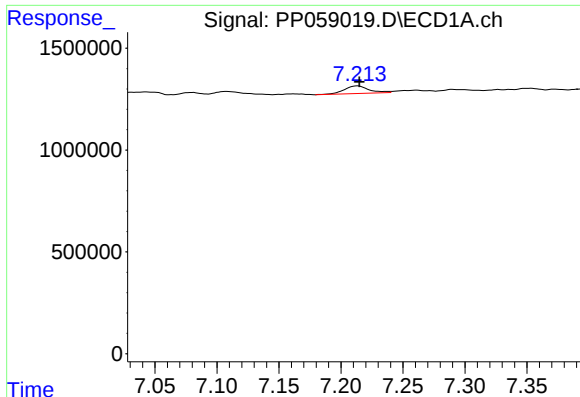
#30 AR-1254-5

R.T.: 7.754 min
Delta R.T.: -0.003 min
Response: 1027860
Conc: 19.12 ng/ml



#30 AR-1254-5

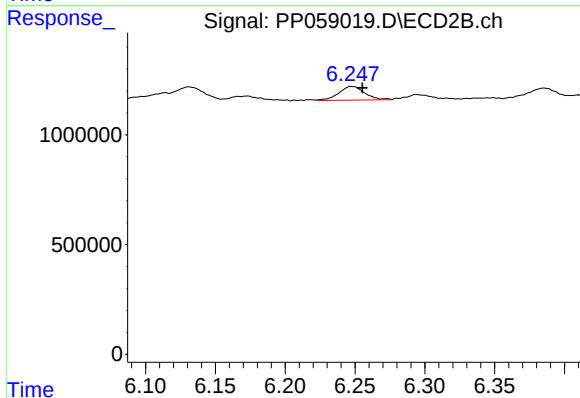
R.T.: 6.765 min
Delta R.T.: -0.009 min
Response: 1535205
Conc: 12.75 ng/ml



#31 AR-1260-1

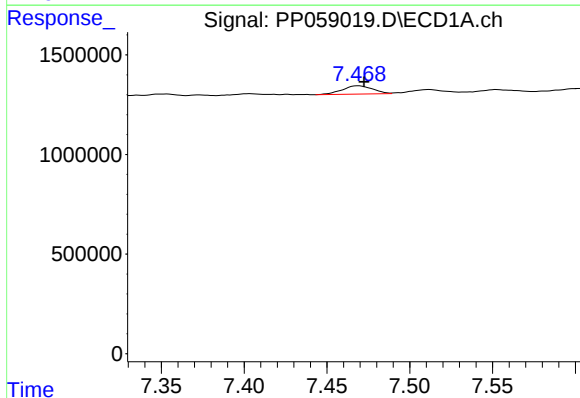
R.T.: 7.213 min
Delta R.T.: -0.001 min
Response: 526293
Conc: 9.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



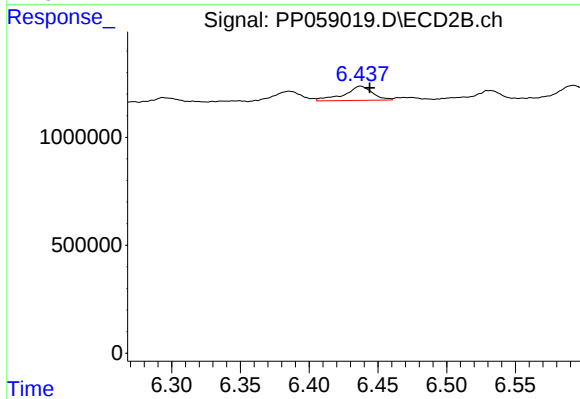
#31 AR-1260-1

R.T.: 6.248 min
Delta R.T.: -0.008 min
Response: 809654
Conc: 8.18 ng/ml



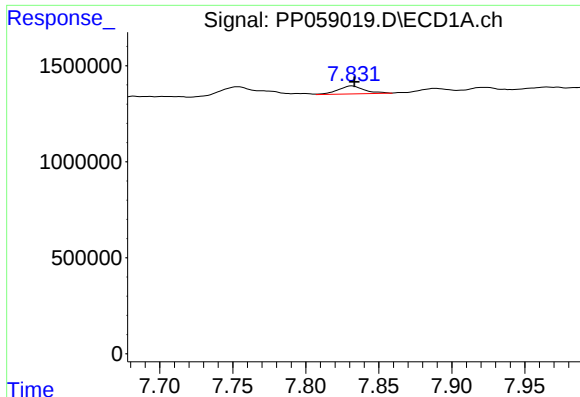
#32 AR-1260-2

R.T.: 7.469 min
Delta R.T.: -0.003 min
Response: 535593
Conc: 8.84 ng/ml



#32 AR-1260-2

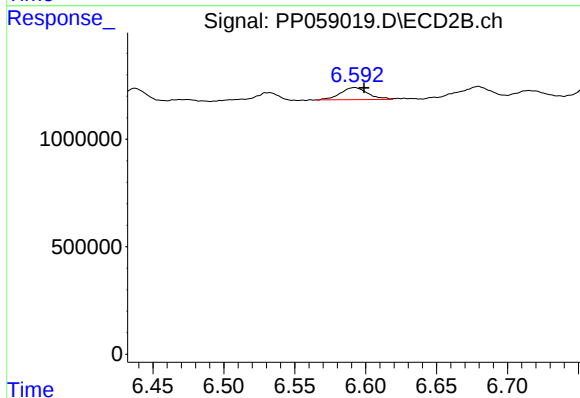
R.T.: 6.437 min
Delta R.T.: -0.007 min
Response: 932588
Conc: 8.20 ng/ml



#33 AR-1260-3

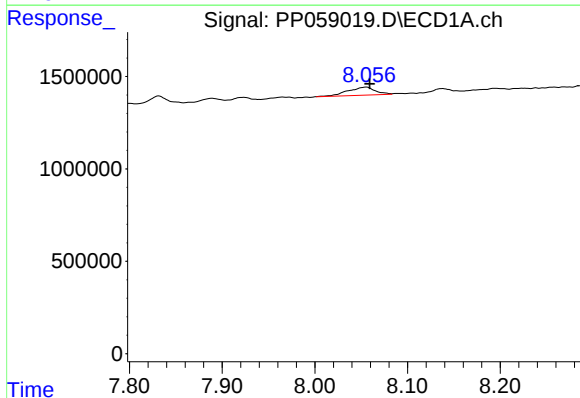
R.T.: 7.832 min
Delta R.T.: -0.002 min
Response: 515669
Conc: 11.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



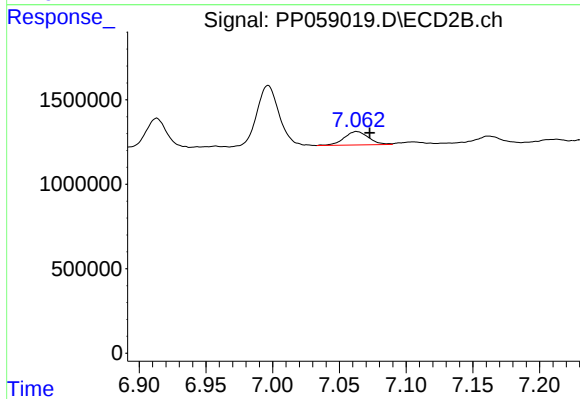
#33 AR-1260-3

R.T.: 6.592 min
Delta R.T.: -0.007 min
Response: 755010
Conc: 6.90 ng/ml



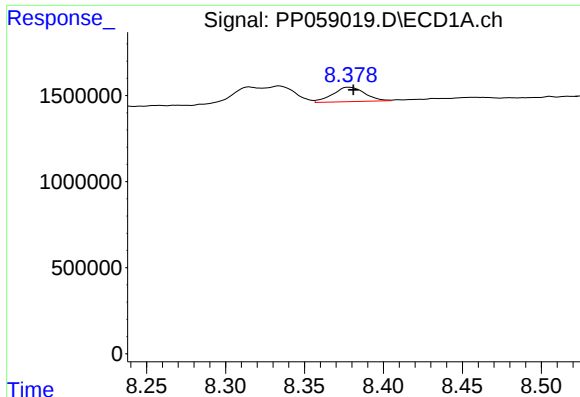
#34 AR-1260-4

R.T.: 8.056 min
Delta R.T.: -0.004 min
Response: 895172
Conc: 18.15 ng/ml



#34 AR-1260-4

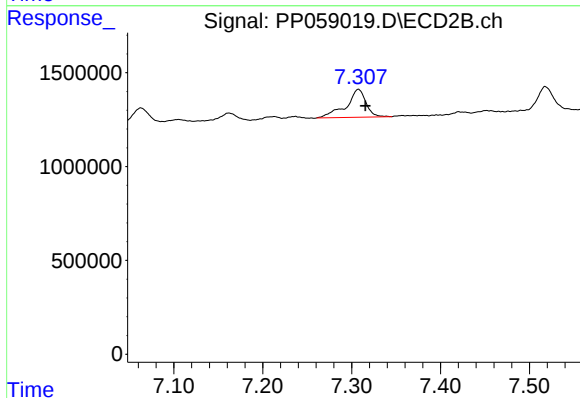
R.T.: 7.063 min
Delta R.T.: -0.010 min
Response: 1011956
Conc: 11.90 ng/ml



#35 AR-1260-5

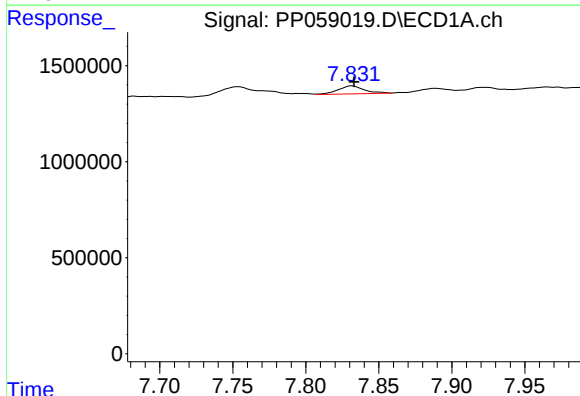
R.T.: 8.378 min
Delta R.T.: -0.003 min
Response: 1191115
Conc: 13.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



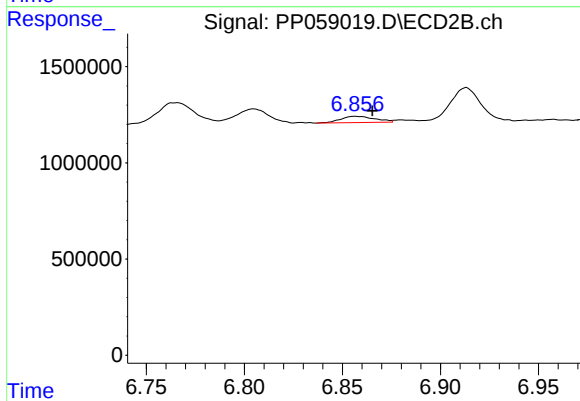
#35 AR-1260-5

R.T.: 7.308 min
Delta R.T.: -0.008 min
Response: 2305304
Conc: 13.59 ng/ml



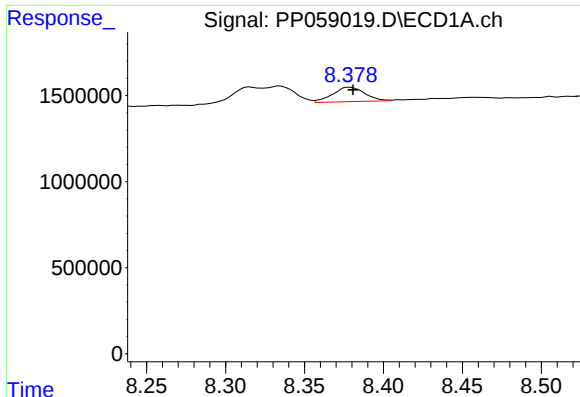
#36 AR-1262-1

R.T.: 7.832 min
Delta R.T.: -0.001 min
Response: 515669
Conc: 7.56 ng/ml



#36 AR-1262-1

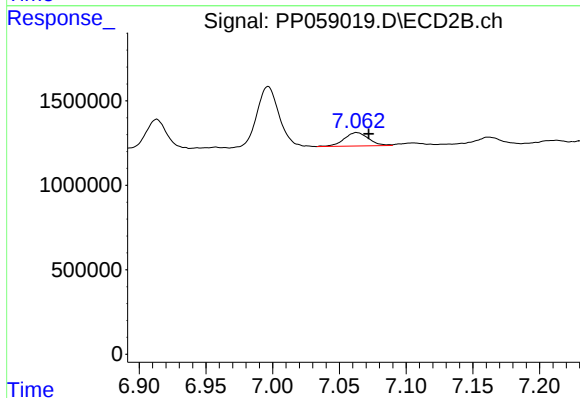
R.T.: 6.857 min
Delta R.T.: -0.009 min
Response: 399134
Conc: 7.30 ng/ml



#37 AR-1262-2

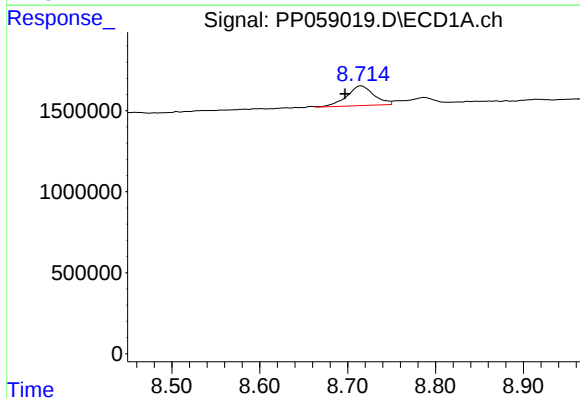
R.T.: 8.378 min
Delta R.T.: -0.003 min
Response: 1191115
Conc: 10.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



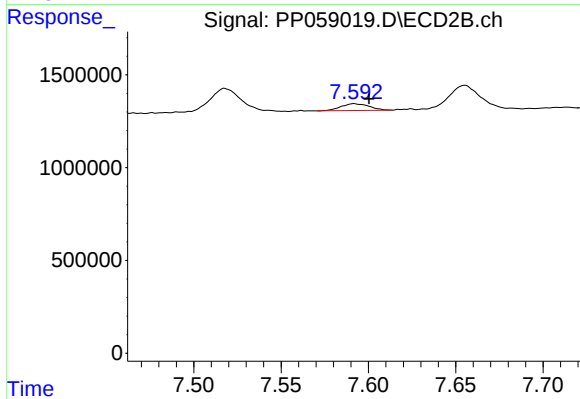
#37 AR-1262-2

R.T.: 7.063 min
Delta R.T.: -0.009 min
Response: 1011956
Conc: 8.78 ng/ml



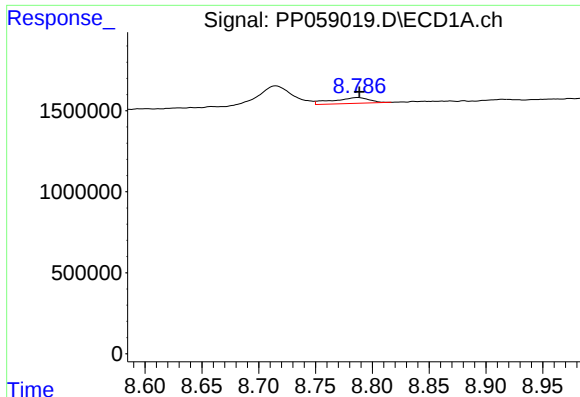
#38 AR-1262-3

R.T.: 8.715 min
Delta R.T.: 0.018 min
Response: 2611307
Conc: 33.32 ng/ml



#38 AR-1262-3

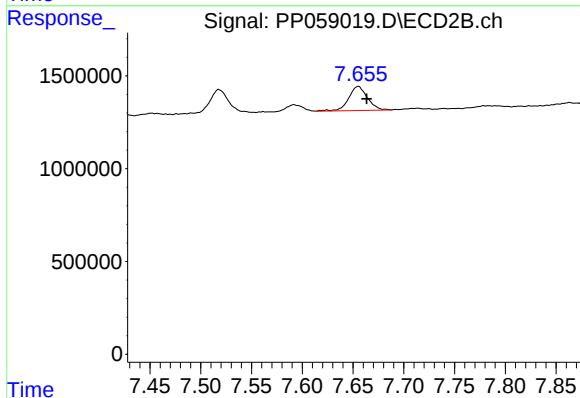
R.T.: 7.592 min
Delta R.T.: -0.008 min
Response: 408476
Conc: 4.64 ng/ml



#39 AR-1262-4

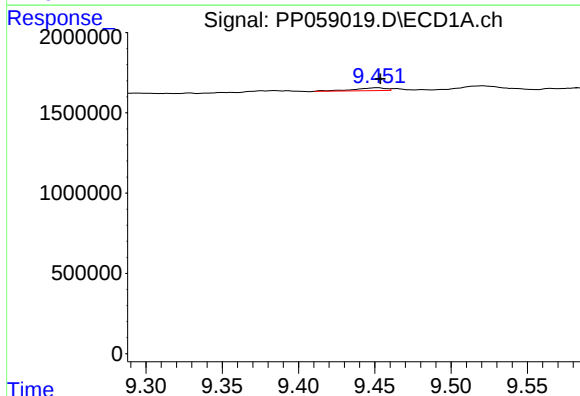
R.T.: 8.787 min
Delta R.T.: -0.001 min
Response: 809344
Conc: 13.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



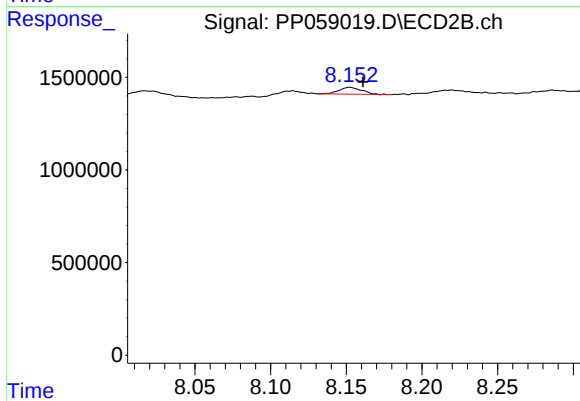
#39 AR-1262-4

R.T.: 7.655 min
Delta R.T.: -0.009 min
Response: 1666391
Conc: 10.59 ng/ml



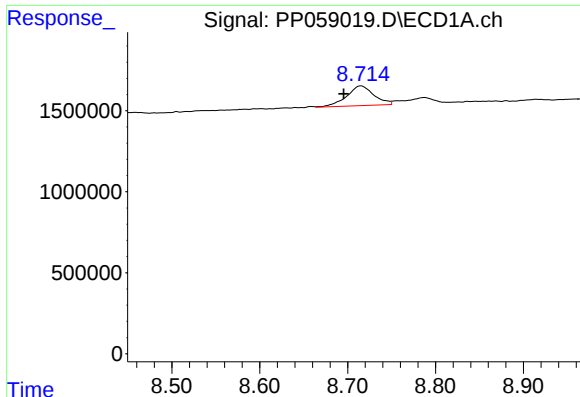
#40 AR-1262-5

R.T.: 9.452 min
Delta R.T.: -0.002 min
Response: 257516
Conc: 6.63 ng/ml



#40 AR-1262-5

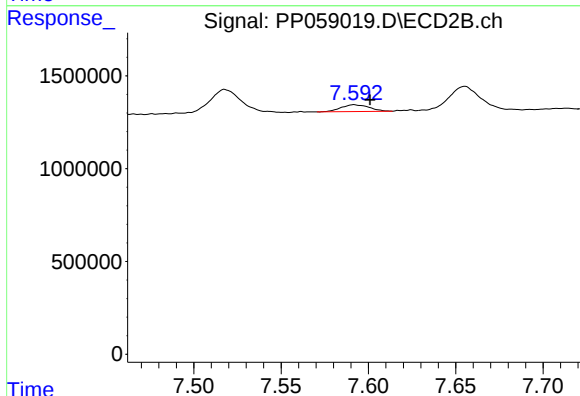
R.T.: 8.152 min
Delta R.T.: -0.009 min
Response: 375352
Conc: 5.51 ng/ml



#41 AR-1268-1

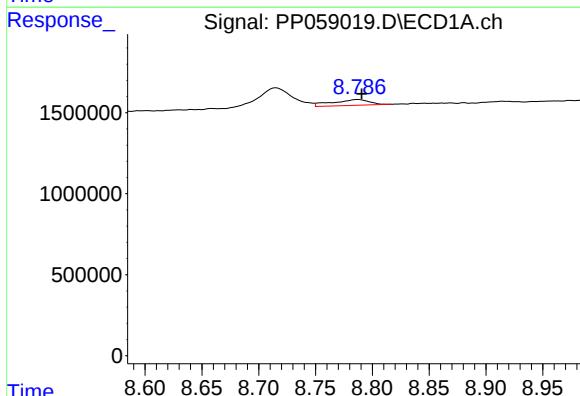
R.T.: 8.715 min
Delta R.T.: 0.020 min
Response: 2611307
Conc: 19.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



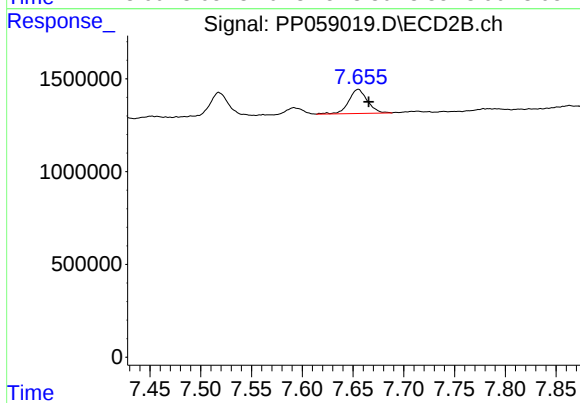
#41 AR-1268-1

R.T.: 7.592 min
Delta R.T.: -0.009 min
Response: 408476
Conc: 1.68 ng/ml



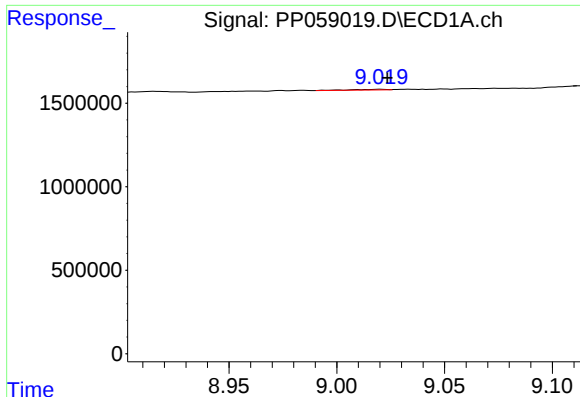
#42 AR-1268-2

R.T.: 8.787 min
Delta R.T.: -0.003 min
Response: 809344
Conc: 6.80 ng/ml



#42 AR-1268-2

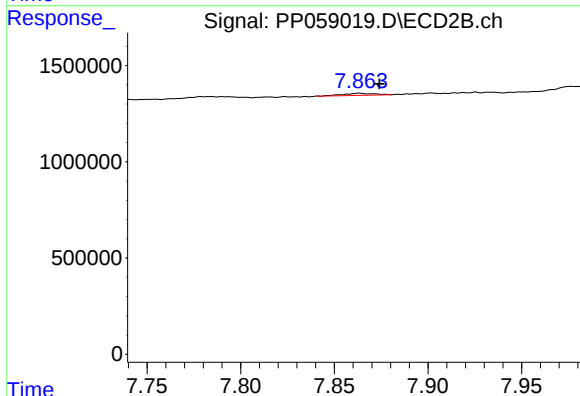
R.T.: 7.655 min
Delta R.T.: -0.010 min
Response: 1666391
Conc: 7.51 ng/ml



#43 AR-1268-3

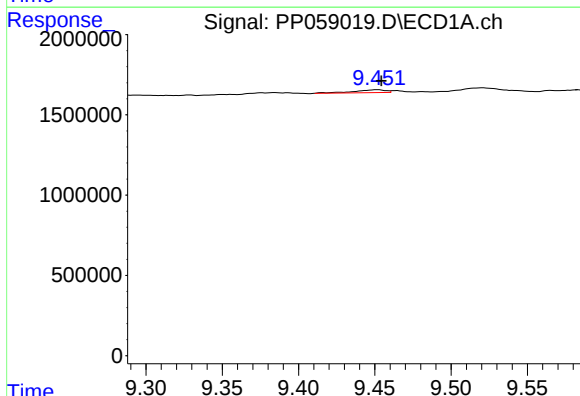
R.T.: 9.020 min
Delta R.T.: -0.003 min
Response: 47123
Conc: 0.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



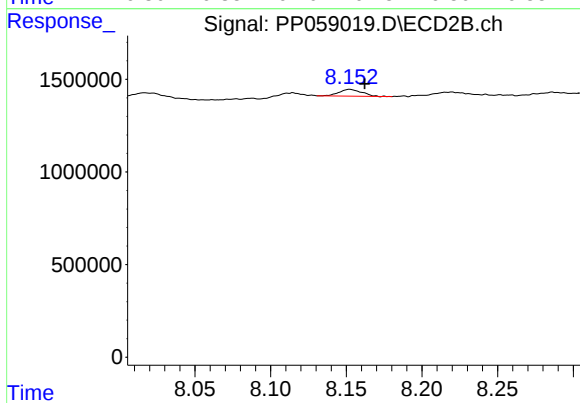
#43 AR-1268-3

R.T.: 7.863 min
Delta R.T.: -0.011 min
Response: 125985
Conc: 0.62 ng/ml



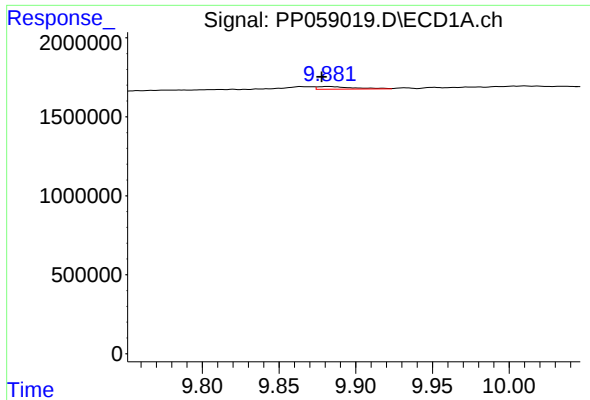
#44 AR-1268-4

R.T.: 9.452 min
Delta R.T.: -0.003 min
Response: 257516
Conc: 6.19 ng/ml



#44 AR-1268-4

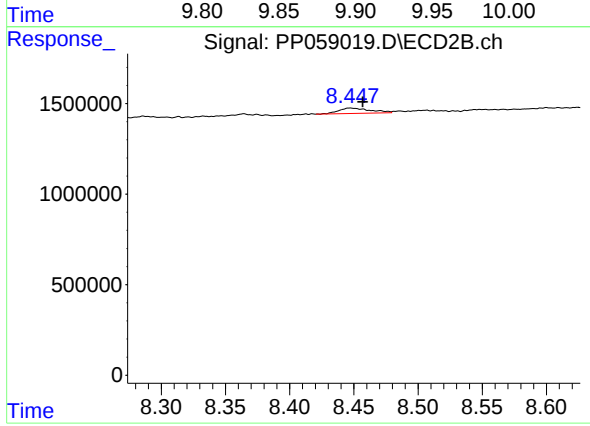
R.T.: 8.152 min
Delta R.T.: -0.010 min
Response: 375352
Conc: 5.08 ng/ml



#45 AR-1268-5

R.T.: 9.882 min
Delta R.T.: 0.004 min
Response: 266304
Conc: 0.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: -0.010 min
Response: 517282
Conc: 0.94 ng/ml