

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021623\
 Data File : PP055726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2023 12:03
 Operator : YP\AJ
 Sample : 01549-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 20:29:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.327	3.573	29257630	26487143	16.827	17.644
2)	SA Decachlor...	10.083	8.581	29662458	22243683	17.129	16.470
Target Compounds							
3)	L1 AR-1016-1	5.508	4.666	170847	450276	2.542	9.098 #
4)	L1 AR-1016-2	5.529	4.694	101543	185589	1.060	2.681 #
5)	L1 AR-1016-3	5.574	4.852	892447	149497	14.920	4.019 #
6)	L1 AR-1016-4	5.685	4.903	40782	365339	0.851	11.627 #
7)	L1 AR-1016-5	5.987	5.129	17002	315407	0.336	7.715 #
8)	L2 AR-1221-1	4.534	0.000	13518219	0	574.876	N.D. #
9)	L2 AR-1221-2	4.633	3.853f	349333	13599940	19.662	917.529 #
10)	L2 AR-1221-3	4.702	3.944	41764	268156	0.776	5.944 #
11)	L3 AR-1232-1	4.702	3.944	41764	268156	0.941	7.275 #
12)	L3 AR-1232-2	5.238	4.694	112121	185589	4.958	5.810
13)	L3 AR-1232-3	5.529	4.852	101543	149497	2.312	8.968 #
14)	L3 AR-1232-4	5.690	4.928f	35316	137084	1.596	8.501 #
15)	L3 AR-1232-5	5.781	5.129	363451	315407	20.760	17.858
16)	L4 AR-1242-1	5.508	4.666	170847	450276	3.051	10.992 #
17)	L4 AR-1242-2	5.529	4.694	101543	185589	1.272	3.250 #
18)	L4 AR-1242-3	5.574	4.852	892447	149497	17.971	4.843 #
19)	L4 AR-1242-4	5.685	4.928f	40782	137084	1.018	4.220 #
20)	L4 AR-1242-5	6.432	5.450f	158963	361632	3.575	9.677 #
21)	L5 AR-1248-1	5.496	4.666	558193	450276	13.385	14.524
22)	L5 AR-1248-2	5.781	4.903	363451	365339	5.717	7.989 #
23)	L5 AR-1248-3	5.987	4.928	17002	137084	0.246	2.875 #
24)	L5 AR-1248-4	6.393	5.129	441643	315407	5.824	5.711
25)	L5 AR-1248-5	6.432	5.495	158963	82621	2.154	1.680
26)	L6 AR-1254-1	6.360	5.450f	82230	361632	1.042	4.478 #
27)	L6 AR-1254-2	6.581	5.622	55400	213966	0.458	2.990 #
28)	L6 AR-1254-3	6.951	5.995f	75159	55349	0.614	0.497
29)	L6 AR-1254-4	7.247	6.231f	306707	398411	3.481	6.477 #
30)	L6 AR-1254-5	7.654	6.672	46090	2216441	0.456	23.379 #
31)	L7 AR-1260-1	7.110	6.159	17001	726823	0.178	9.373 #
32)	L7 AR-1260-2	7.379	6.356f	48203	22595	0.428	0.251 #
33)	L7 AR-1260-3	7.728	6.507	28770	906911	0.357	10.681 #
34)	L7 AR-1260-4	7.973	6.987f	1343140	1823654	13.836	25.469 #
35)	L7 AR-1260-5	8.297f	7.181f	147874	2948613	0.831	19.180 #
36)	L8 AR-1262-1	7.728	6.757	28770	1297901	0.244	30.211 #
37)	L8 AR-1262-2	8.297f	6.987f	147874	1823654	0.734	19.689 #
38)	L8 AR-1262-3	0.000	7.515f	0	976744	N.D.	13.406 #
39)	L8 AR-1262-4	8.682	7.562	1907102	349179	24.806	2.670 #
40)	L8 AR-1262-5	9.342	8.042	15405	116079	0.215	1.957 #
41)	L9 AR-1268-1	0.000	7.515f	0	976744	N.D.	4.517 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021623\
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 Quant Time: Feb 16 20:29:36 2023
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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

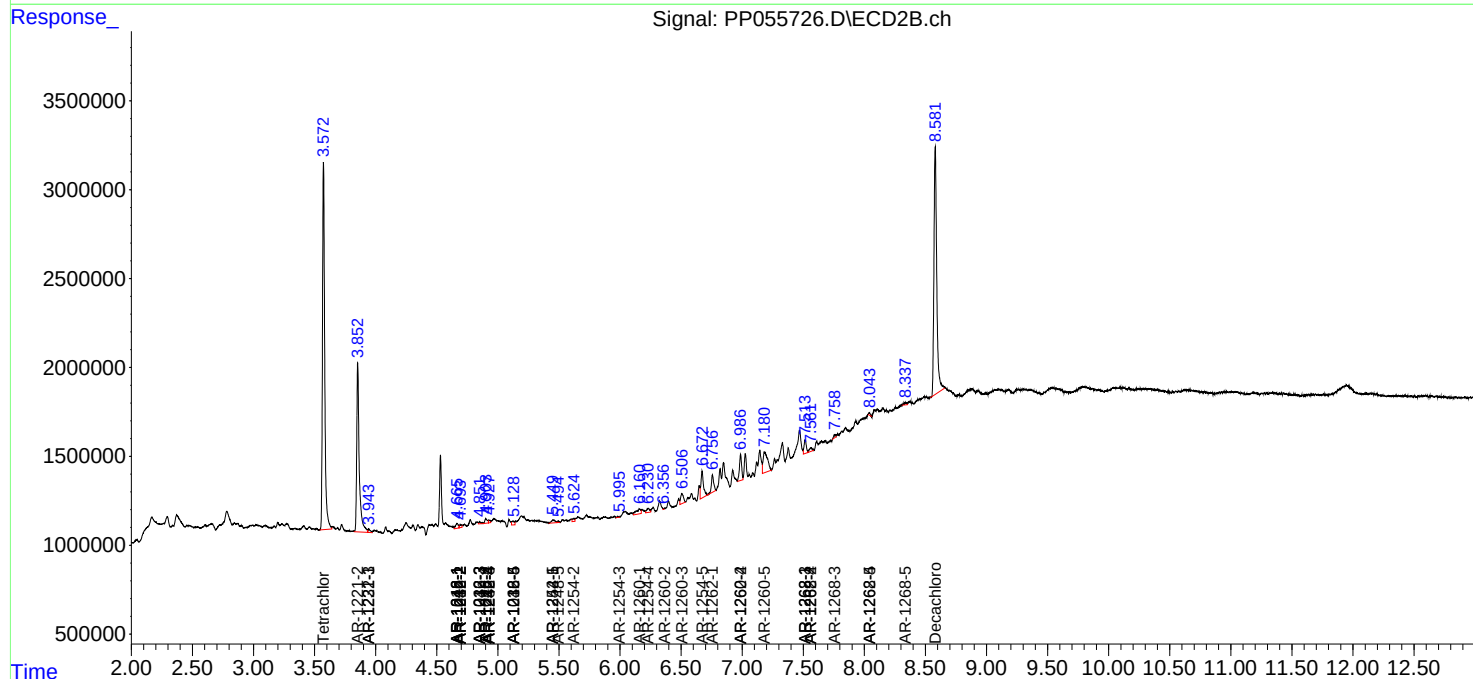
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

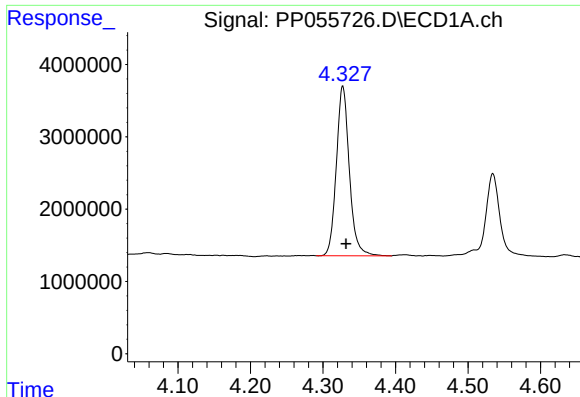
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.682	7.562	1907102	349179	8.397	1.789 #
43) L9	AR-1268-3	8.919	7.759	1783539	201985	8.927	1.176 #
44) L9	AR-1268-4	9.342	8.042	15405	116079	0.196	1.820 #
45) L9	AR-1268-5	9.756	8.338	11672	208318	0.018	0.396 #

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

Instrument :
ECD_P
ClientSampleId :

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

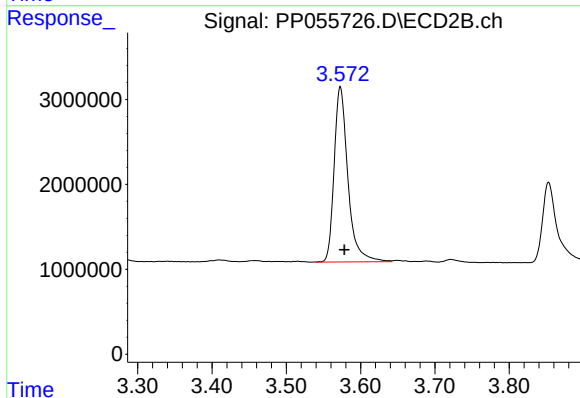




#1 Tetrachloro-m-xylene

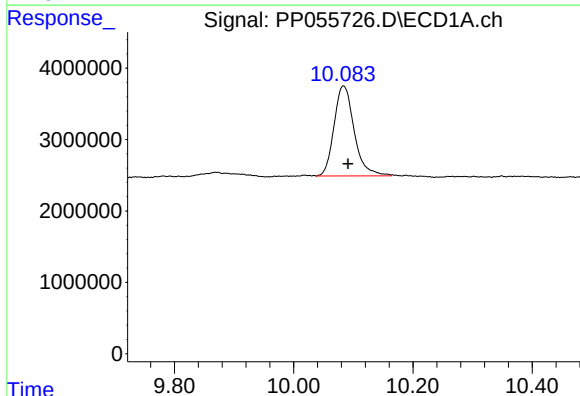
R.T.: 4.327 min
Delta R.T.: -0.005 min
Response: 29257630
Conc: 16.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



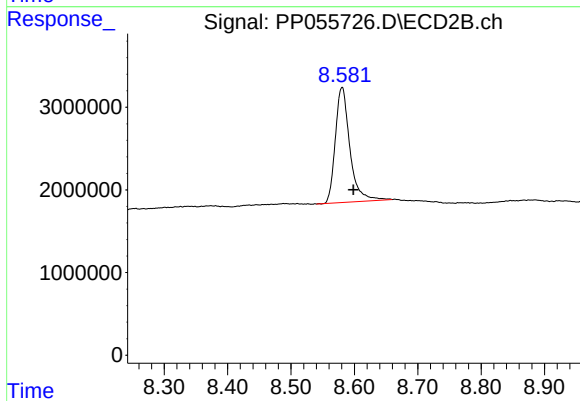
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: -0.006 min
Response: 26487143
Conc: 17.64 ng/ml



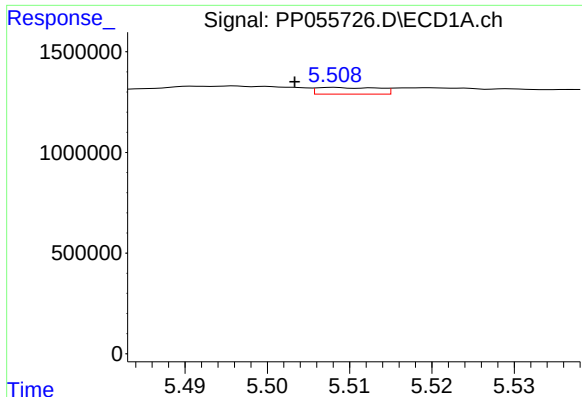
#2 Decachlorobiphenyl

R.T.: 10.083 min
Delta R.T.: -0.008 min
Response: 29662458
Conc: 17.13 ng/ml



#2 Decachlorobiphenyl

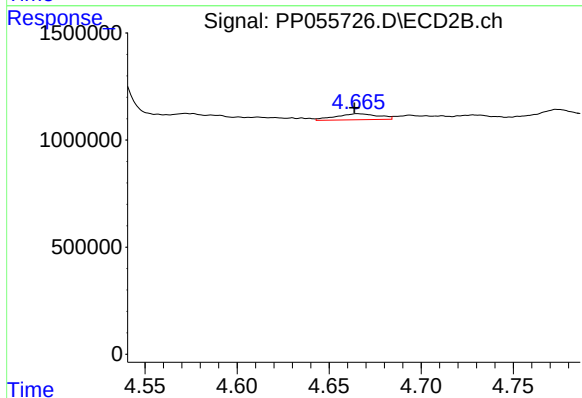
R.T.: 8.581 min
Delta R.T.: -0.017 min
Response: 22243683
Conc: 16.47 ng/ml



#3 AR-1016-1

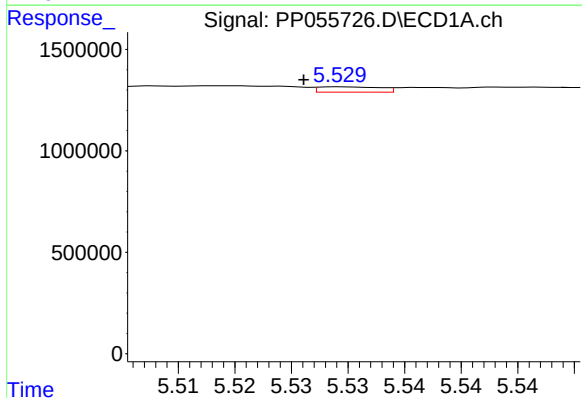
R.T.: 5.508 min
Delta R.T.: 0.005 min
Response: 170847
Conc: 2.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



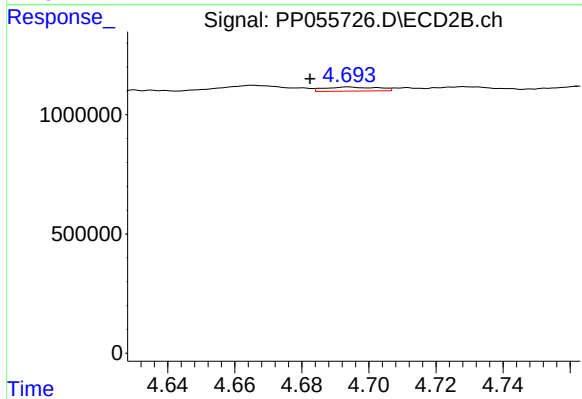
#3 AR-1016-1

R.T.: 4.666 min
Delta R.T.: 0.002 min
Response: 450276
Conc: 9.10 ng/ml



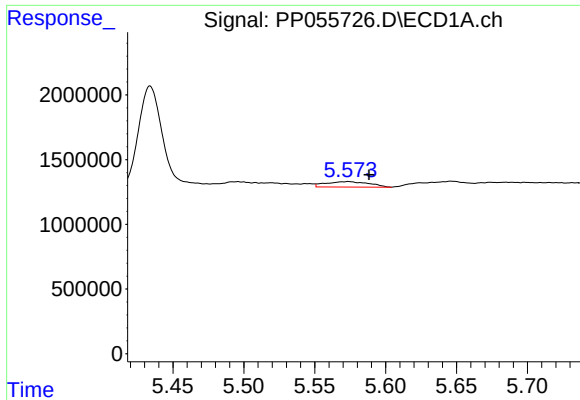
#4 AR-1016-2

R.T.: 5.529 min
Delta R.T.: 0.003 min
Response: 101543
Conc: 1.06 ng/ml



#4 AR-1016-2

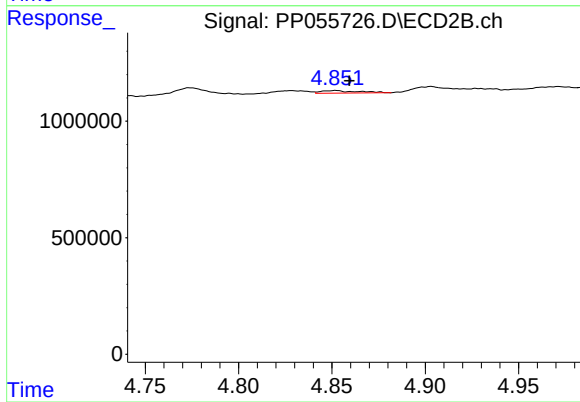
R.T.: 4.694 min
Delta R.T.: 0.011 min
Response: 185589
Conc: 2.68 ng/ml



#5 AR-1016-3

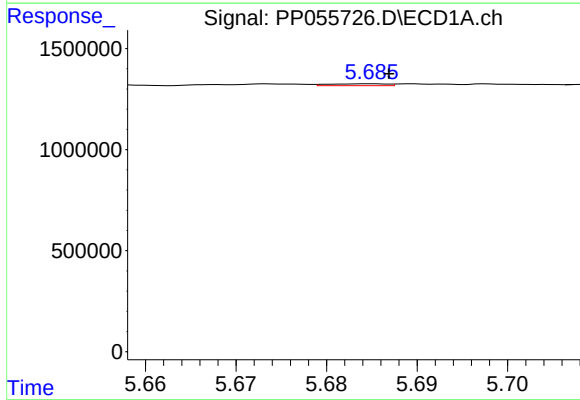
R.T.: 5.574 min
Delta R.T.: -0.014 min
Response: 892447
Conc: 14.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



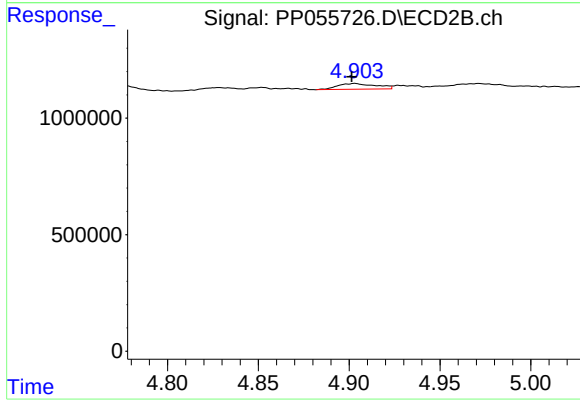
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 149497
Conc: 4.02 ng/ml



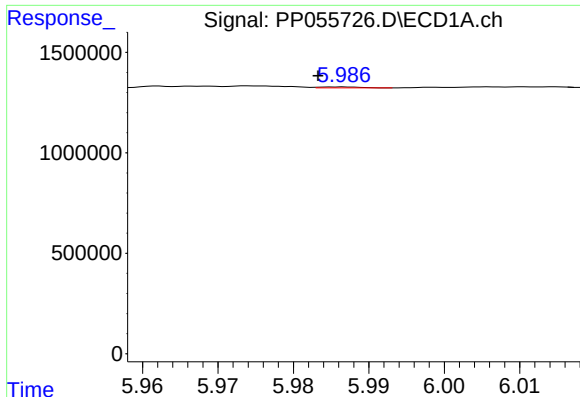
#6 AR-1016-4

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 40782
Conc: 0.85 ng/ml



#6 AR-1016-4

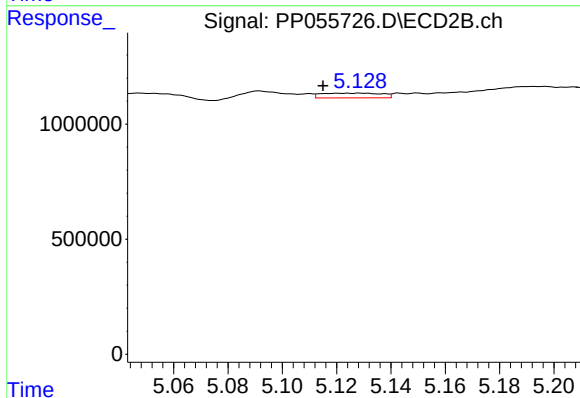
R.T.: 4.903 min
Delta R.T.: 0.002 min
Response: 365339
Conc: 11.63 ng/ml



#7 AR-1016-5

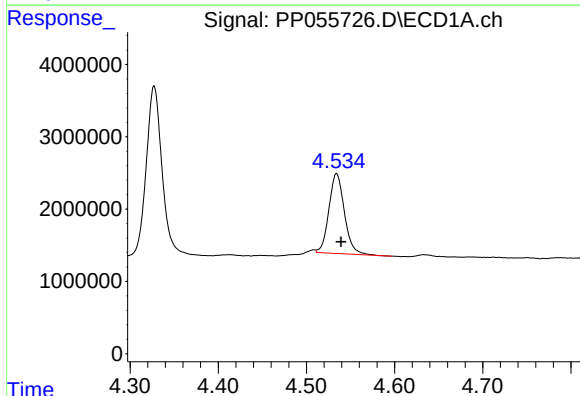
R.T.: 5.987 min
Delta R.T.: 0.003 min
Response: 17002
Conc: 0.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



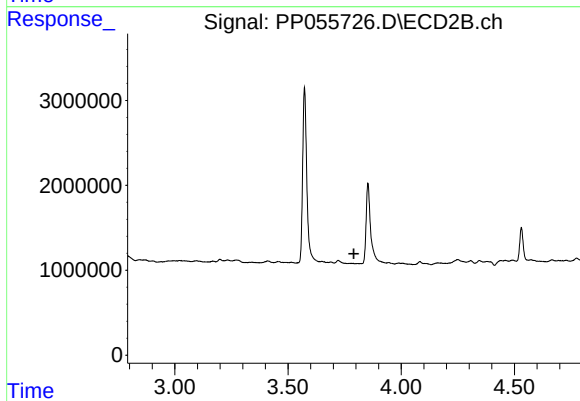
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: 0.014 min
Response: 315407
Conc: 7.71 ng/ml



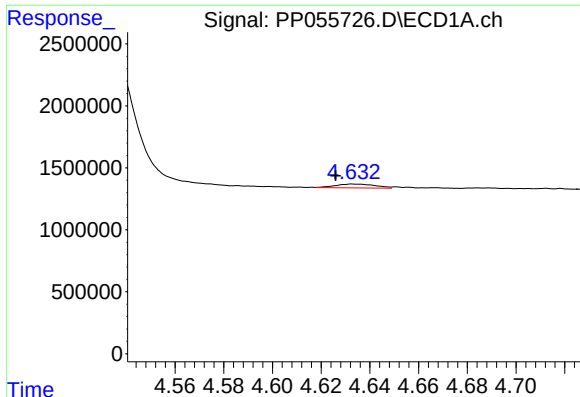
#8 AR-1221-1

R.T.: 4.534 min
Delta R.T.: -0.005 min
Response: 13518219
Conc: 574.88 ng/ml



#8 AR-1221-1

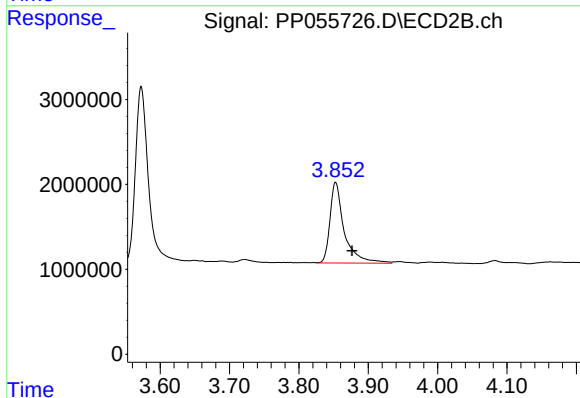
R.T.: 0.000 min
Exp R.T. : 3.791 min
Response: 0
Conc: N.D.



#9 AR-1221-2

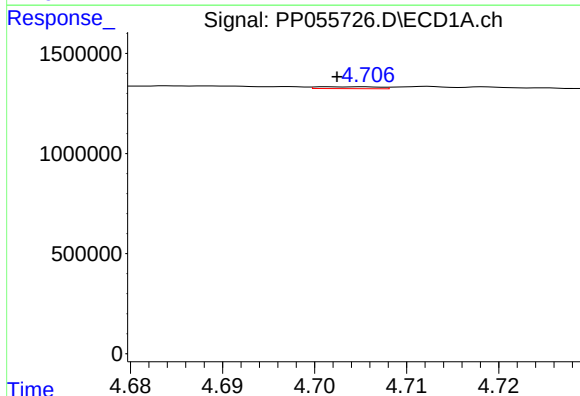
R.T.: 4.633 min
Delta R.T.: 0.007 min
Response: 349333
Conc: 19.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



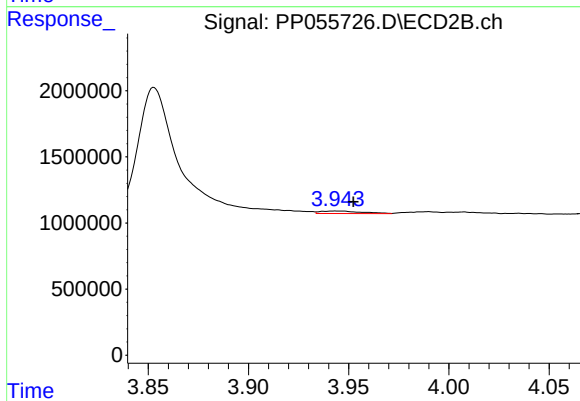
#9 AR-1221-2

R.T.: 3.853 min
Delta R.T.: -0.024 min
Response: 13599940
Conc: 917.53 ng/ml



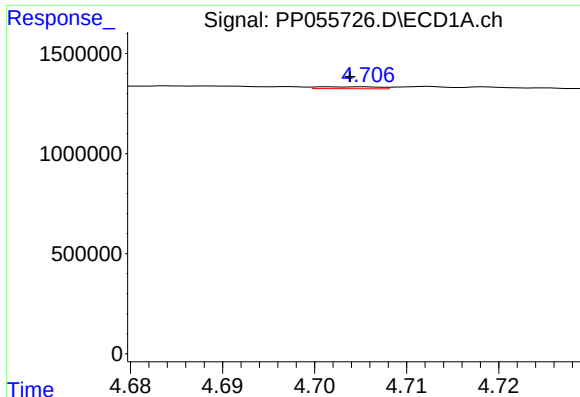
#10 AR-1221-3

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 41764
Conc: 0.78 ng/ml



#10 AR-1221-3

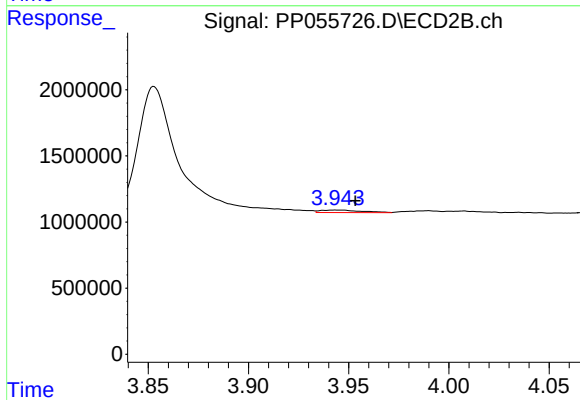
R.T.: 3.944 min
Delta R.T.: -0.009 min
Response: 268156
Conc: 5.94 ng/ml



#11 AR-1232-1

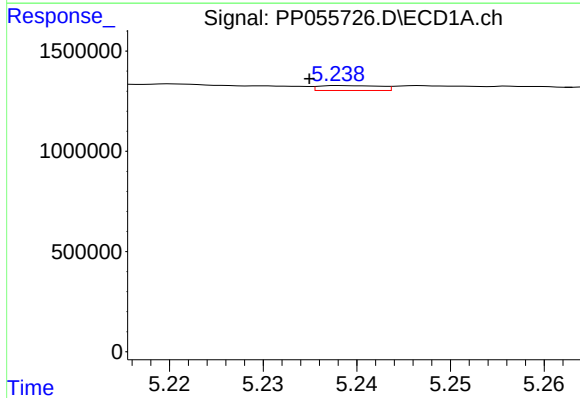
R.T.: 4.702 min
Delta R.T.: -0.002 min
Response: 41764
Conc: 0.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



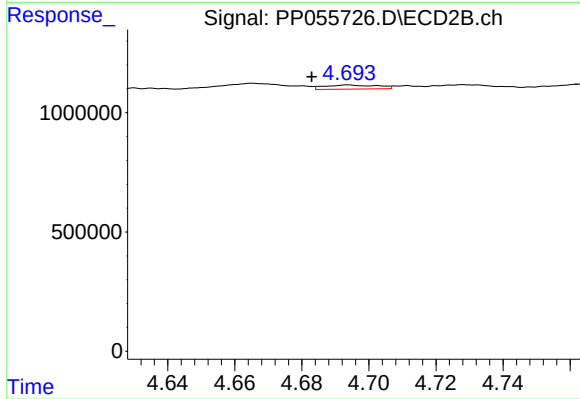
#11 AR-1232-1

R.T.: 3.944 min
Delta R.T.: -0.010 min
Response: 268156
Conc: 7.28 ng/ml



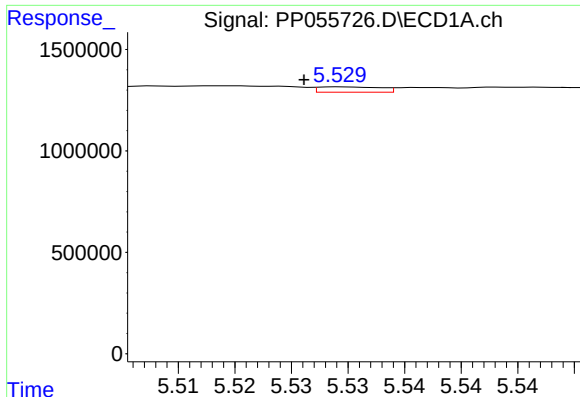
#12 AR-1232-2

R.T.: 5.238 min
Delta R.T.: 0.003 min
Response: 112121
Conc: 4.96 ng/ml



#12 AR-1232-2

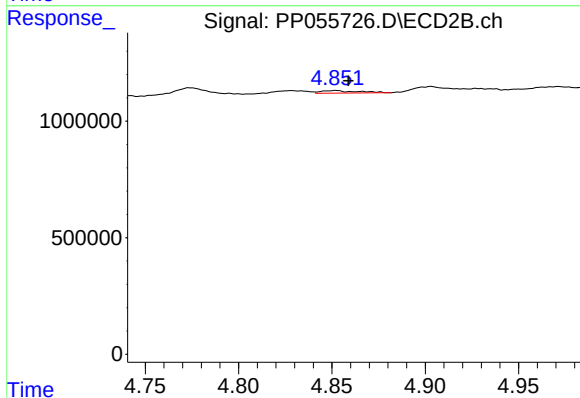
R.T.: 4.694 min
Delta R.T.: 0.011 min
Response: 185589
Conc: 5.81 ng/ml



#13 AR-1232-3

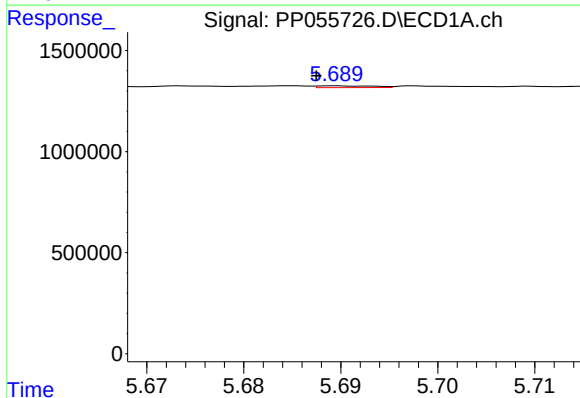
R.T.: 5.529 min
Delta R.T.: 0.003 min
Response: 101543
Conc: 2.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



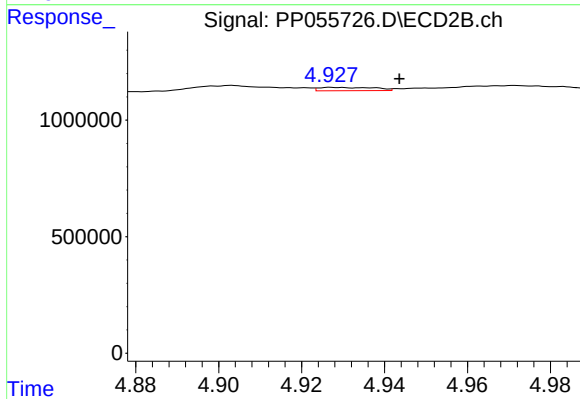
#13 AR-1232-3

R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 149497
Conc: 8.97 ng/ml



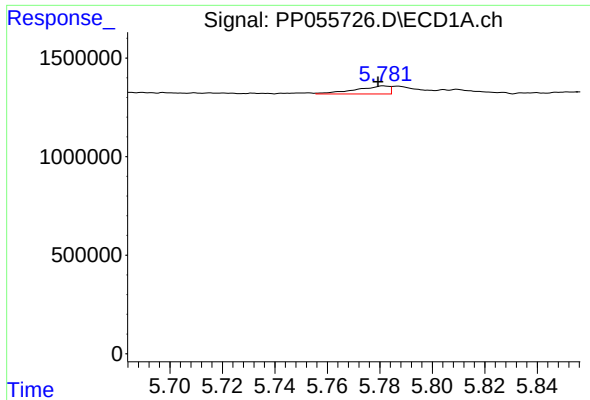
#14 AR-1232-4

R.T.: 5.690 min
Delta R.T.: 0.002 min
Response: 35316
Conc: 1.60 ng/ml



#14 AR-1232-4

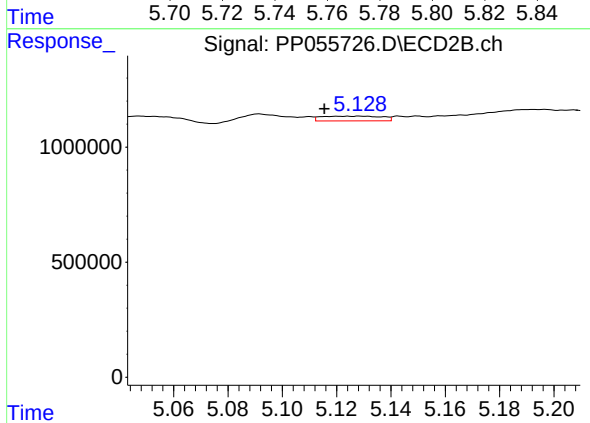
R.T.: 4.928 min
Delta R.T.: -0.016 min
Response: 137084
Conc: 8.50 ng/ml



#15 AR-1232-5

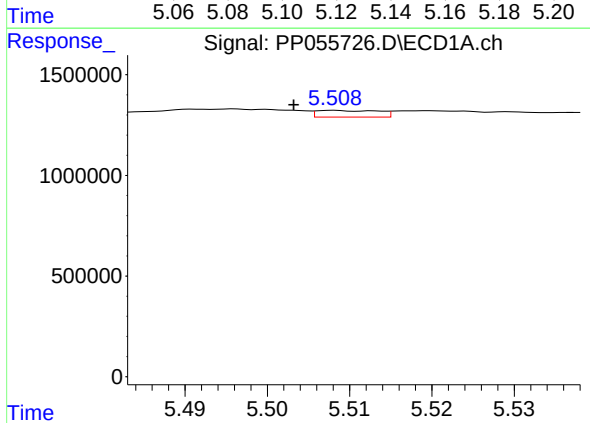
R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 363451
Conc: 20.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



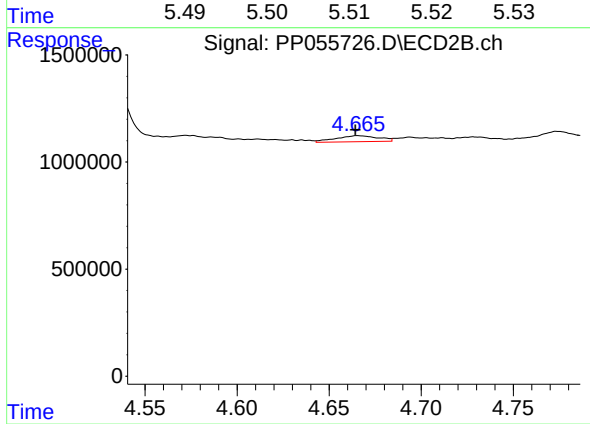
#15 AR-1232-5

R.T.: 5.129 min
Delta R.T.: 0.013 min
Response: 315407
Conc: 17.86 ng/ml



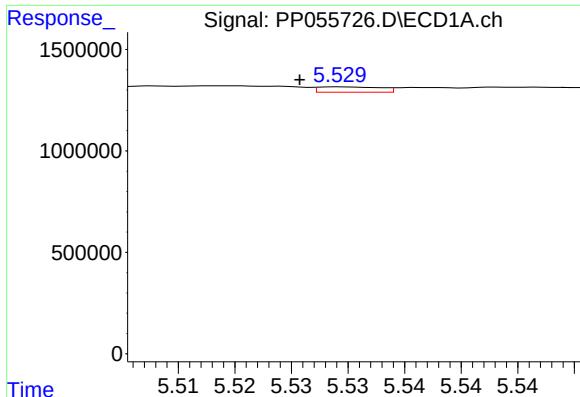
#16 AR-1242-1

R.T.: 5.508 min
Delta R.T.: 0.005 min
Response: 170847
Conc: 3.05 ng/ml



#16 AR-1242-1

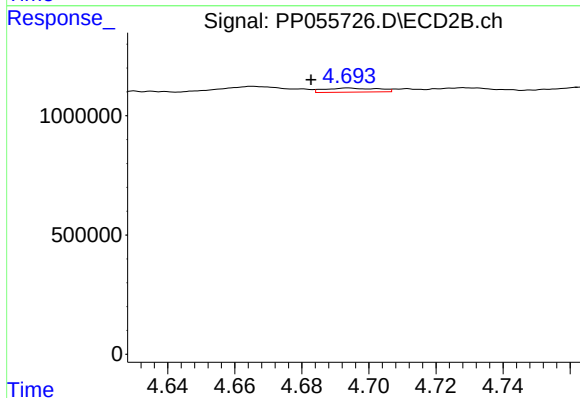
R.T.: 4.666 min
Delta R.T.: 0.001 min
Response: 450276
Conc: 10.99 ng/ml



#17 AR-1242-2

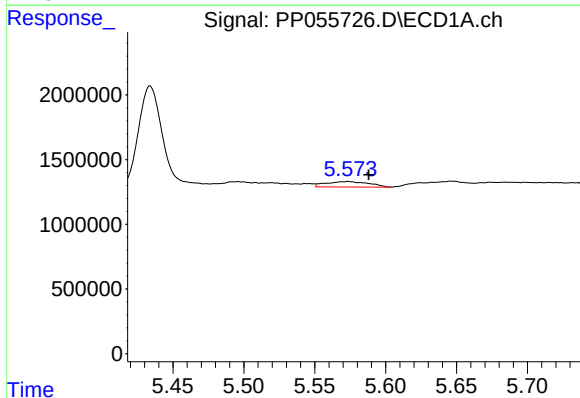
R.T.: 5.529 min
Delta R.T.: 0.004 min
Response: 101543
Conc: 1.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



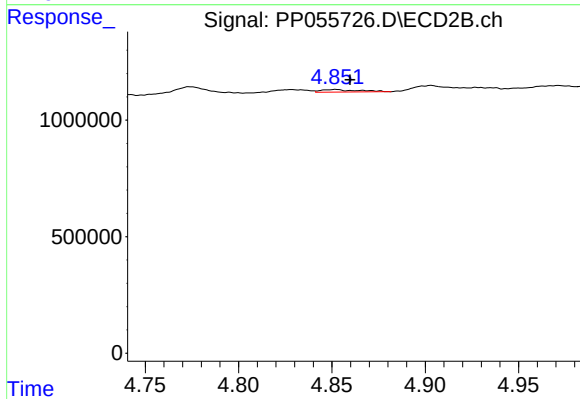
#17 AR-1242-2

R.T.: 4.694 min
Delta R.T.: 0.011 min
Response: 185589
Conc: 3.25 ng/ml



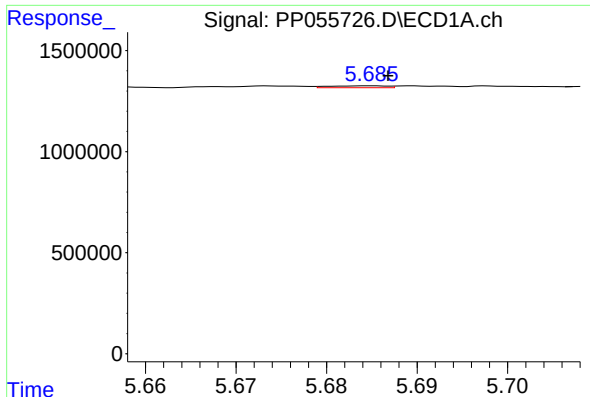
#18 AR-1242-3

R.T.: 5.574 min
Delta R.T.: -0.014 min
Response: 892447
Conc: 17.97 ng/ml



#18 AR-1242-3

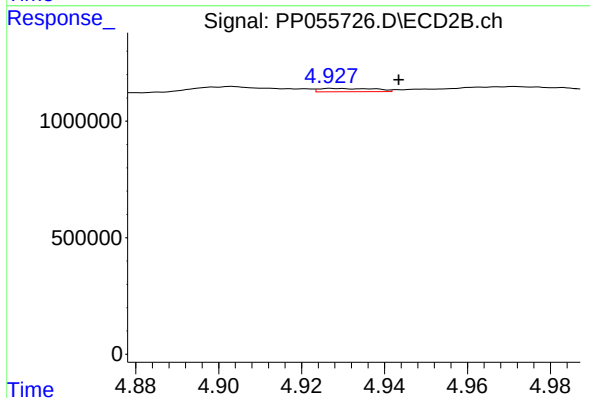
R.T.: 4.852 min
Delta R.T.: -0.008 min
Response: 149497
Conc: 4.84 ng/ml



#19 AR-1242-4

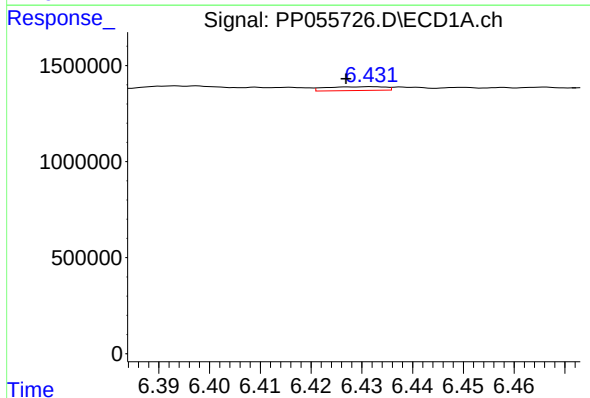
R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 40782
Conc: 1.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



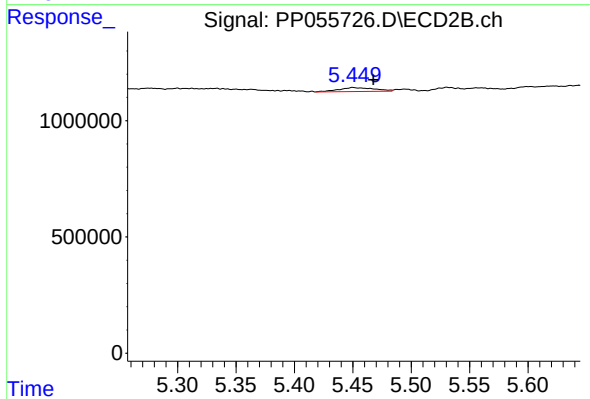
#19 AR-1242-4

R.T.: 4.928 min
Delta R.T.: -0.016 min
Response: 137084
Conc: 4.22 ng/ml



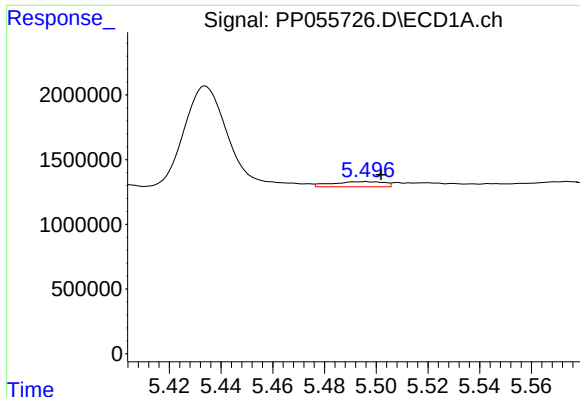
#20 AR-1242-5

R.T.: 6.432 min
Delta R.T.: 0.005 min
Response: 158963
Conc: 3.58 ng/ml



#20 AR-1242-5

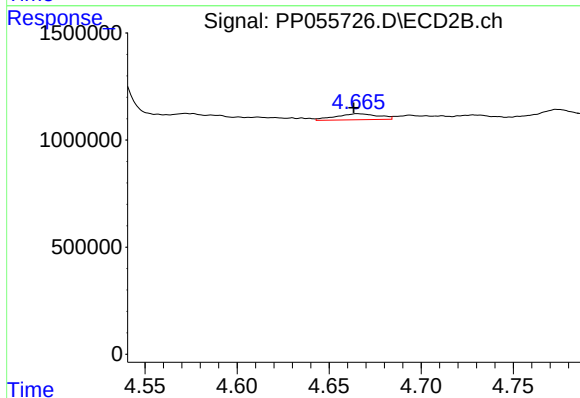
R.T.: 5.450 min
Delta R.T.: -0.018 min
Response: 361632
Conc: 9.68 ng/ml



#21 AR-1248-1

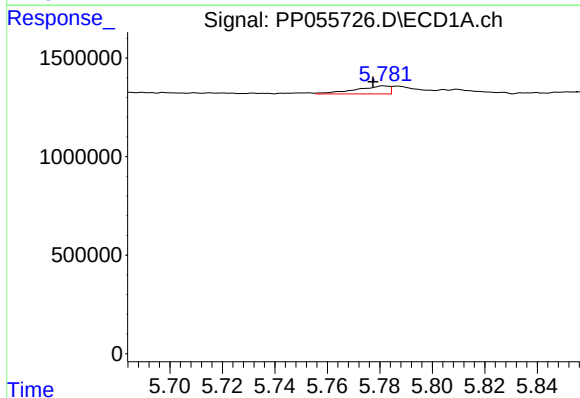
R.T.: 5.496 min
Delta R.T.: -0.006 min
Response: 558193
Conc: 13.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



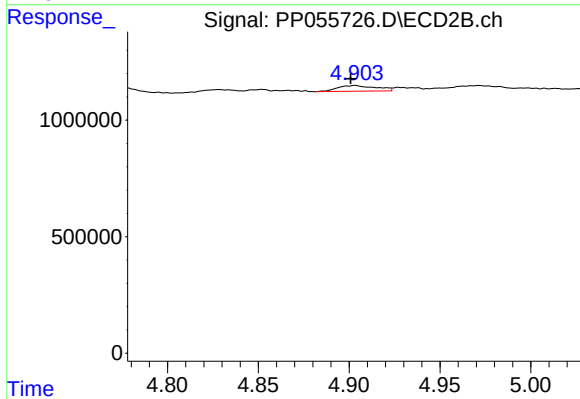
#21 AR-1248-1

R.T.: 4.666 min
Delta R.T.: 0.002 min
Response: 450276
Conc: 14.52 ng/ml



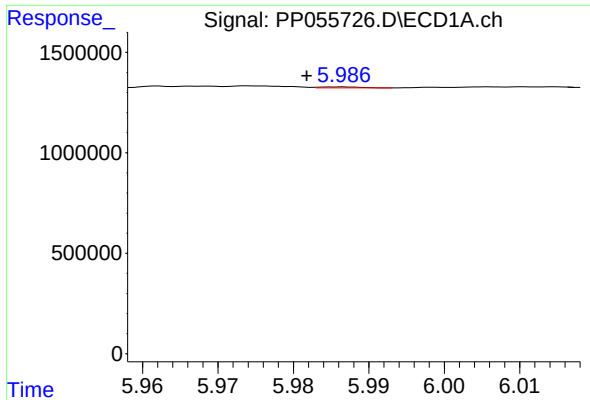
#22 AR-1248-2

R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: 363451
Conc: 5.72 ng/ml



#22 AR-1248-2

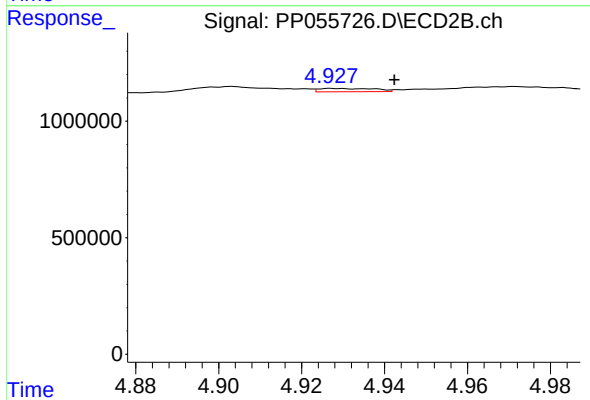
R.T.: 4.903 min
Delta R.T.: 0.002 min
Response: 365339
Conc: 7.99 ng/ml



#23 AR-1248-3

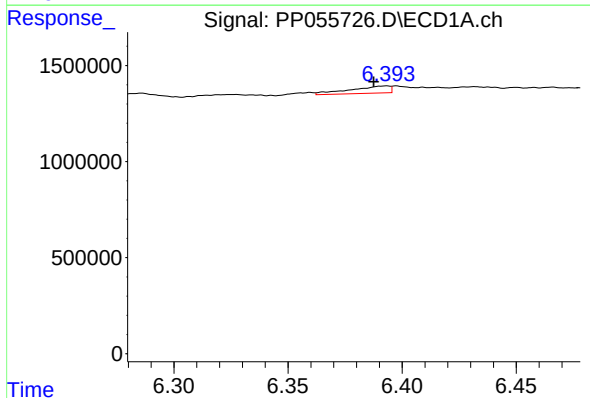
R.T.: 5.987 min
Delta R.T.: 0.005 min
Response: 17002
Conc: 0.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



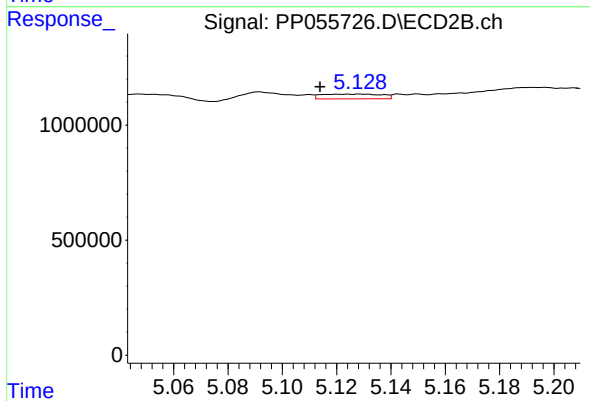
#23 AR-1248-3

R.T.: 4.928 min
Delta R.T.: -0.015 min
Response: 137084
Conc: 2.88 ng/ml



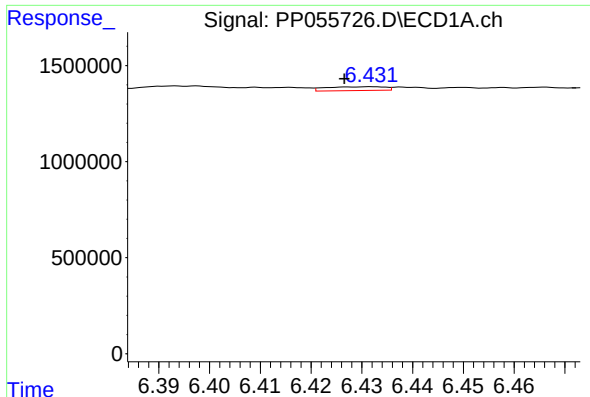
#24 AR-1248-4

R.T.: 6.393 min
Delta R.T.: 0.006 min
Response: 441643
Conc: 5.82 ng/ml



#24 AR-1248-4

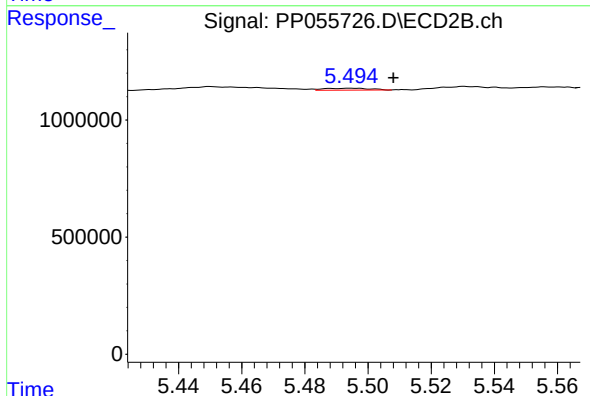
R.T.: 5.129 min
Delta R.T.: 0.015 min
Response: 315407
Conc: 5.71 ng/ml



#25 AR-1248-5

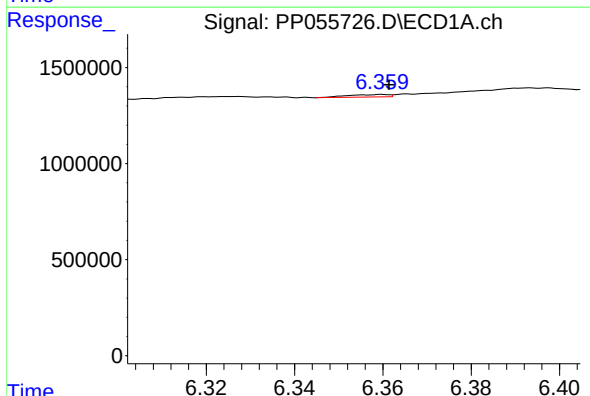
R.T.: 6.432 min
Delta R.T.: 0.005 min
Response: 158963
Conc: 2.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



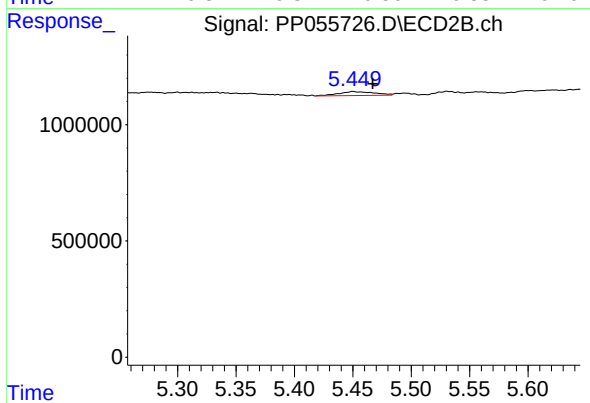
#25 AR-1248-5

R.T.: 5.495 min
Delta R.T.: -0.013 min
Response: 82621
Conc: 1.68 ng/ml



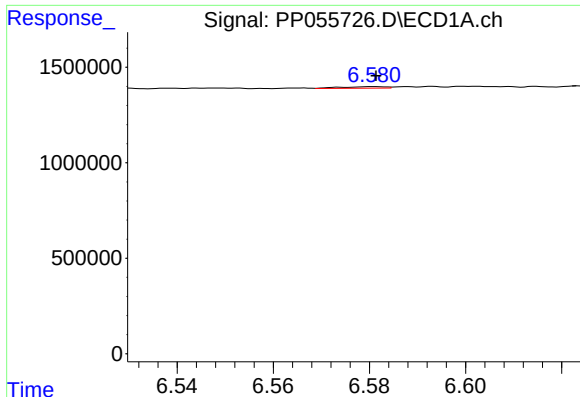
#26 AR-1254-1

R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 82230
Conc: 1.04 ng/ml



#26 AR-1254-1

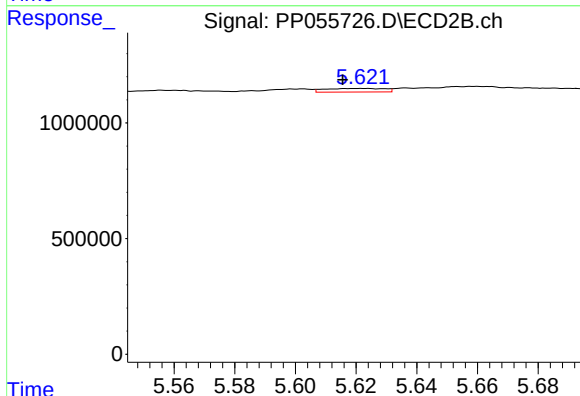
R.T.: 5.450 min
Delta R.T.: -0.017 min
Response: 361632
Conc: 4.48 ng/ml



#27 AR-1254-2

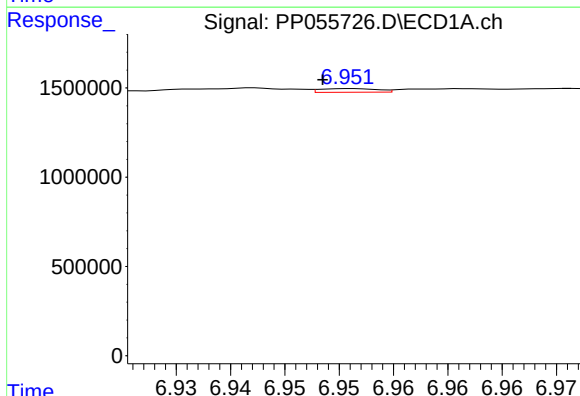
R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 55400
Conc: 0.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



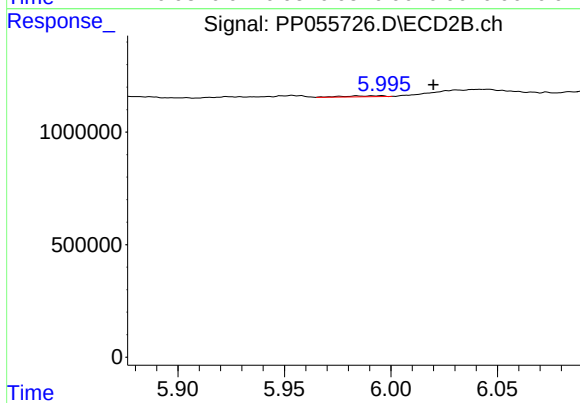
#27 AR-1254-2

R.T.: 5.622 min
Delta R.T.: 0.007 min
Response: 213966
Conc: 2.99 ng/ml



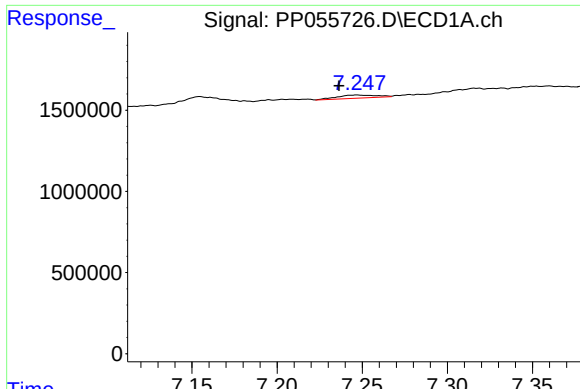
#28 AR-1254-3

R.T.: 6.951 min
Delta R.T.: 0.003 min
Response: 75159
Conc: 0.61 ng/ml



#28 AR-1254-3

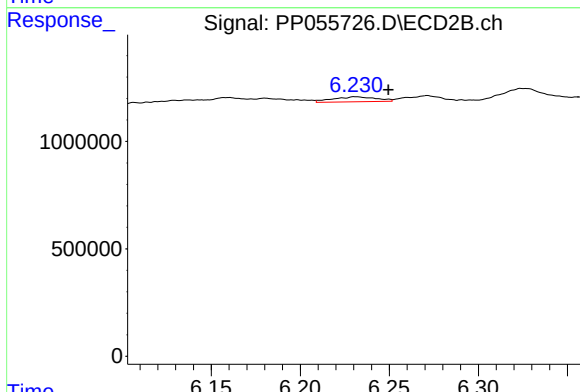
R.T.: 5.995 min
Delta R.T.: -0.025 min
Response: 55349
Conc: 0.50 ng/ml



#29 AR-1254-4

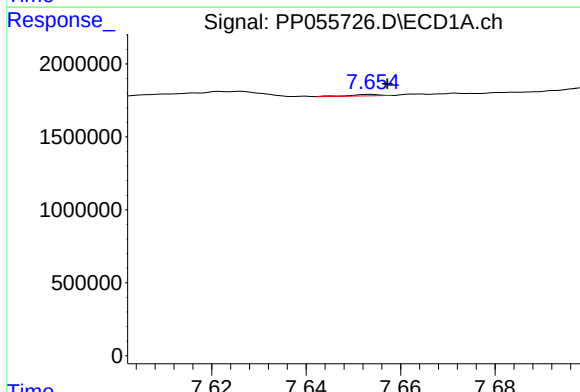
R.T.: 7.247 min
Delta R.T.: 0.011 min
Response: 306707
Conc: 3.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



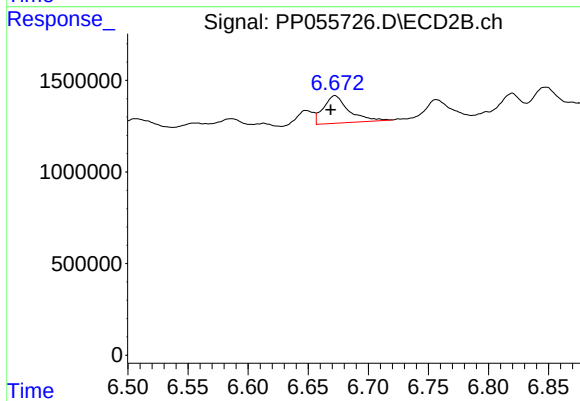
#29 AR-1254-4

R.T.: 6.231 min
Delta R.T.: -0.018 min
Response: 398411
Conc: 6.48 ng/ml



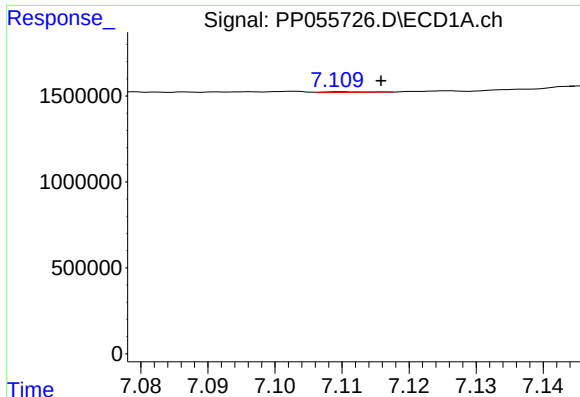
#30 AR-1254-5

R.T.: 7.654 min
Delta R.T.: -0.004 min
Response: 46090
Conc: 0.46 ng/ml



#30 AR-1254-5

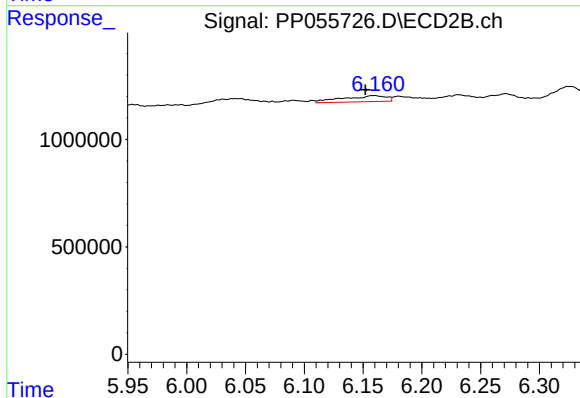
R.T.: 6.672 min
Delta R.T.: 0.003 min
Response: 2216441
Conc: 23.38 ng/ml



#31 AR-1260-1

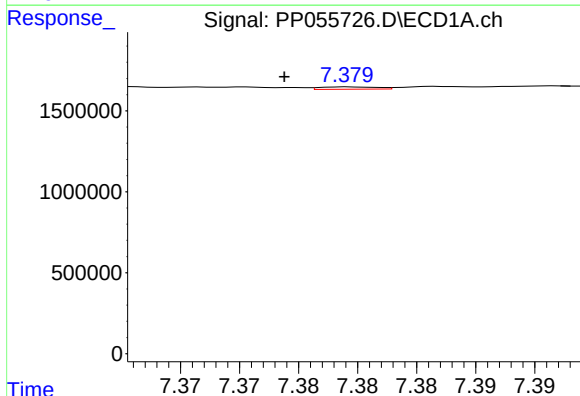
R.T.: 7.110 min
Delta R.T.: -0.006 min
Response: 17001
Conc: 0.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



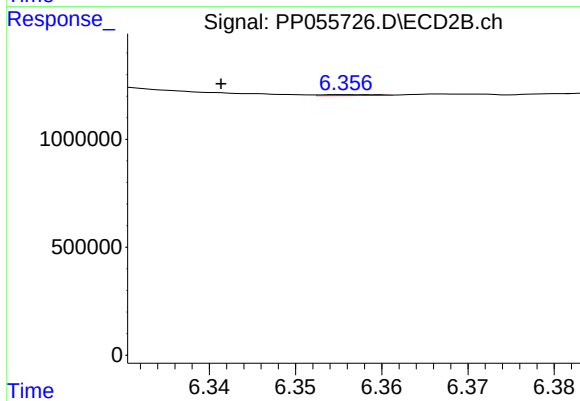
#31 AR-1260-1

R.T.: 6.159 min
Delta R.T.: 0.007 min
Response: 726823
Conc: 9.37 ng/ml



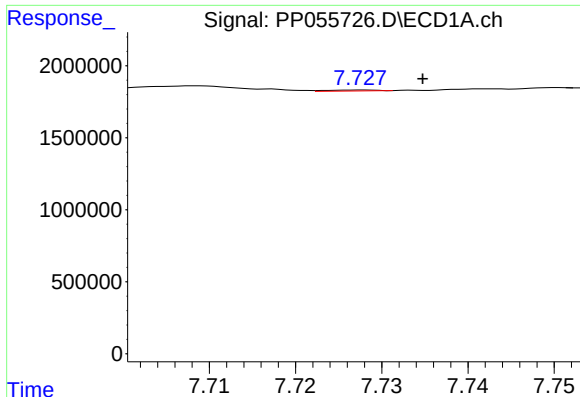
#32 AR-1260-2

R.T.: 7.379 min
Delta R.T.: 0.005 min
Response: 48203
Conc: 0.43 ng/ml



#32 AR-1260-2

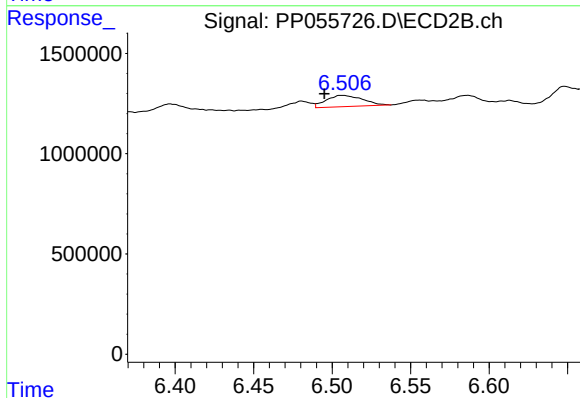
R.T.: 6.356 min
Delta R.T.: 0.015 min
Response: 22595
Conc: 0.25 ng/ml



#33 AR-1260-3

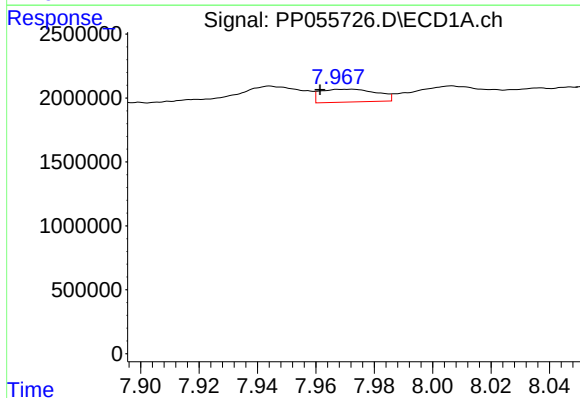
R.T.: 7.728 min
Delta R.T.: -0.007 min
Response: 28770
Conc: 0.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



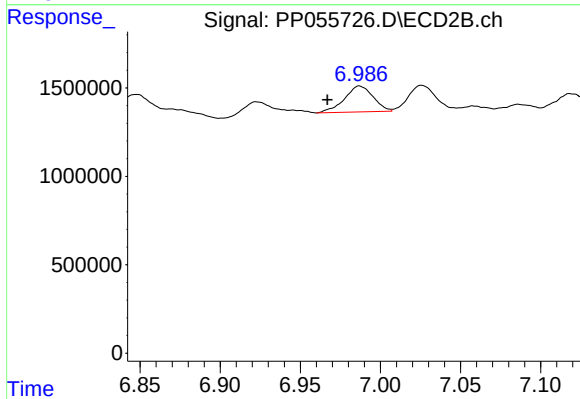
#33 AR-1260-3

R.T.: 6.507 min
Delta R.T.: 0.012 min
Response: 906911
Conc: 10.68 ng/ml



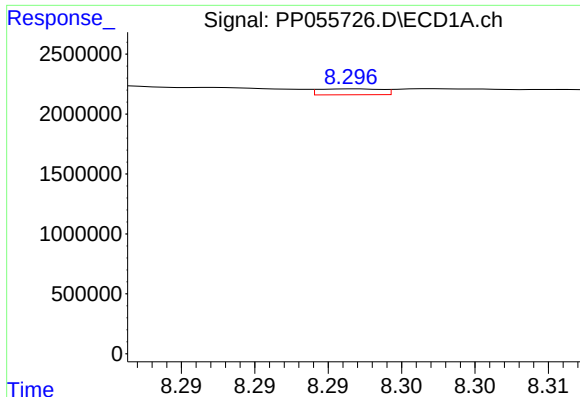
#34 AR-1260-4

R.T.: 7.973 min
Delta R.T.: 0.011 min
Response: 1343140
Conc: 13.84 ng/ml



#34 AR-1260-4

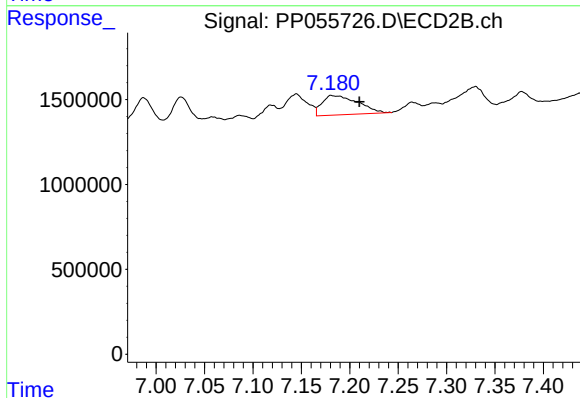
R.T.: 6.987 min
Delta R.T.: 0.020 min
Response: 1823654
Conc: 25.47 ng/ml



#35 AR-1260-5

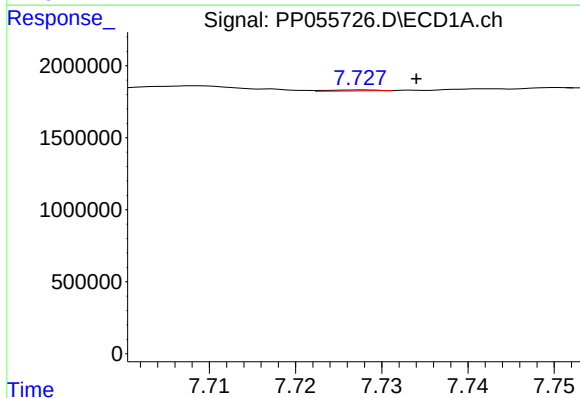
R.T.: 8.297 min
Delta R.T.: 0.019 min
Response: 147874
Conc: 0.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



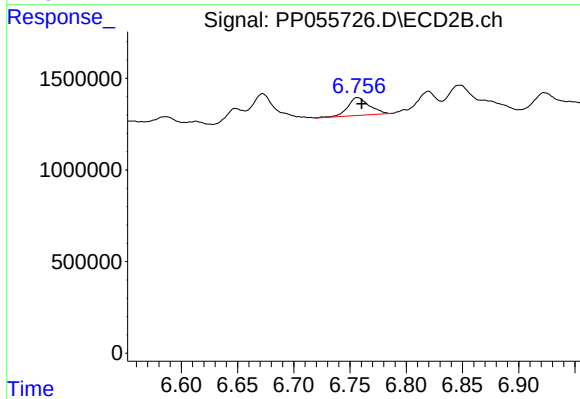
#35 AR-1260-5

R.T.: 7.181 min
Delta R.T.: -0.029 min
Response: 2948613
Conc: 19.18 ng/ml



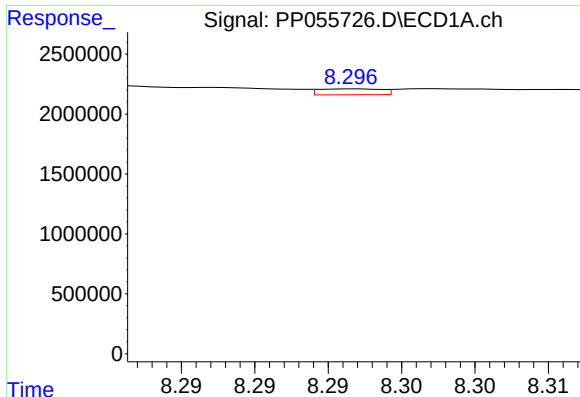
#36 AR-1262-1

R.T.: 7.728 min
Delta R.T.: -0.006 min
Response: 28770
Conc: 0.24 ng/ml



#36 AR-1262-1

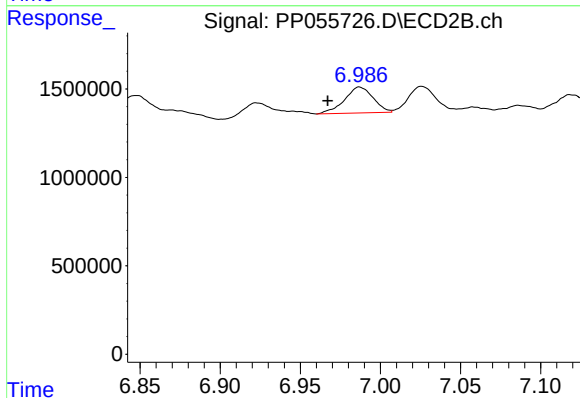
R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 1297901
Conc: 30.21 ng/ml



#37 AR-1262-2

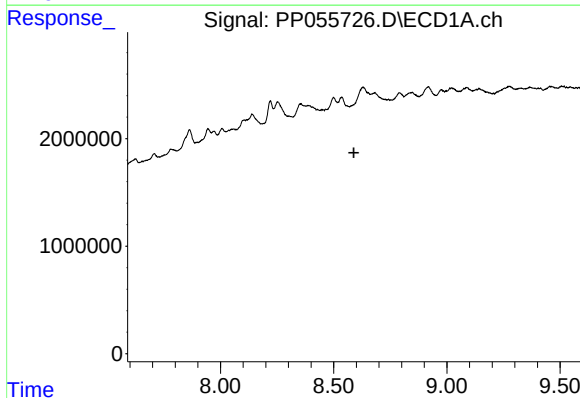
R.T.: 8.297 min
Delta R.T.: 0.020 min
Response: 147874
Conc: 0.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



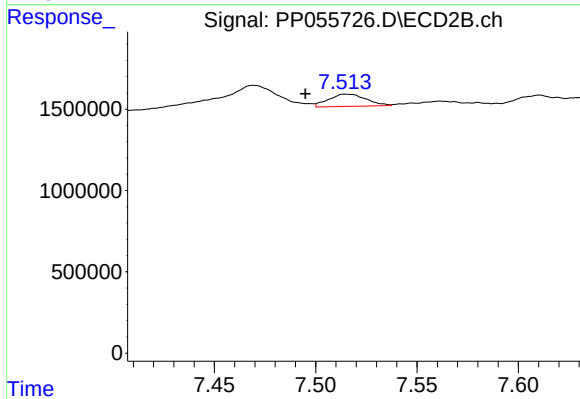
#37 AR-1262-2

R.T.: 6.987 min
Delta R.T.: 0.020 min
Response: 1823654
Conc: 19.69 ng/ml



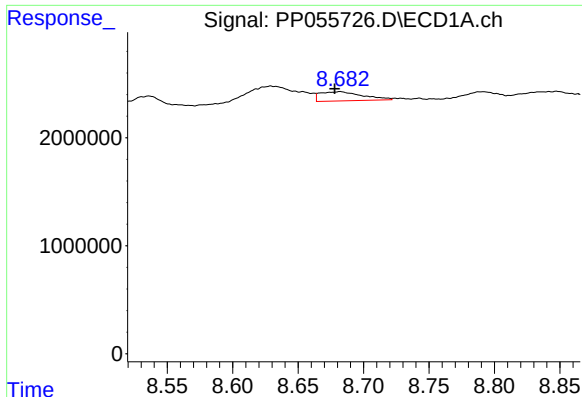
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.589 min
Response: 0
Conc: N.D.



#38 AR-1262-3

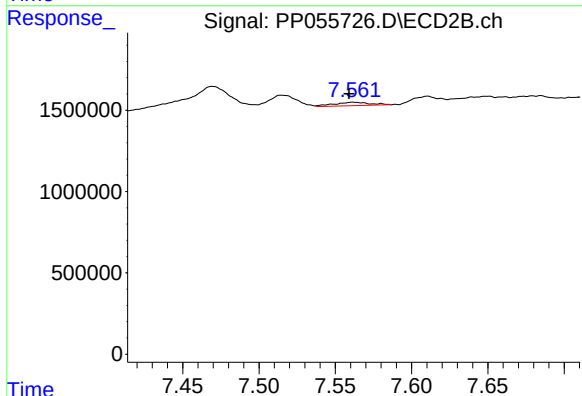
R.T.: 7.515 min
Delta R.T.: 0.020 min
Response: 976744
Conc: 13.41 ng/ml



#39 AR-1262-4

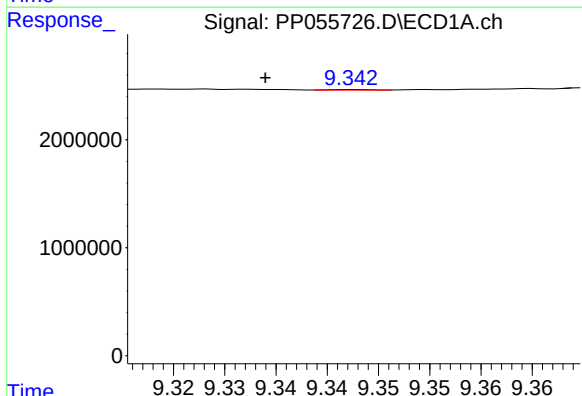
R.T.: 8.682 min
Delta R.T.: 0.004 min
Response: 1907102
Conc: 24.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



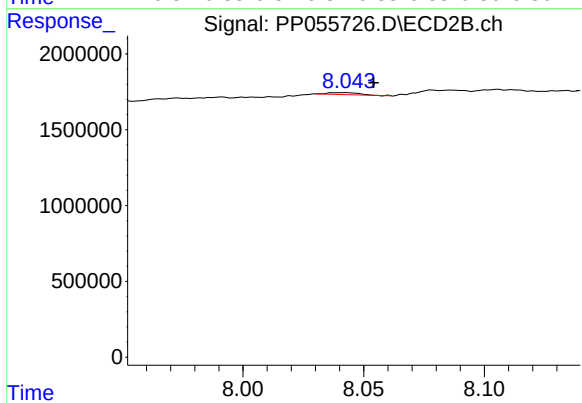
#39 AR-1262-4

R.T.: 7.562 min
Delta R.T.: 0.003 min
Response: 349179
Conc: 2.67 ng/ml



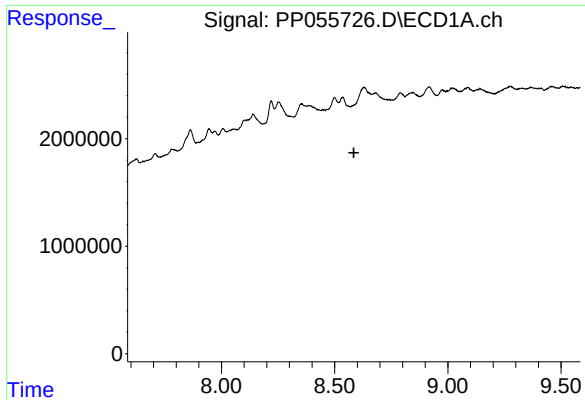
#40 AR-1262-5

R.T.: 9.342 min
Delta R.T.: 0.008 min
Response: 15405
Conc: 0.22 ng/ml



#40 AR-1262-5

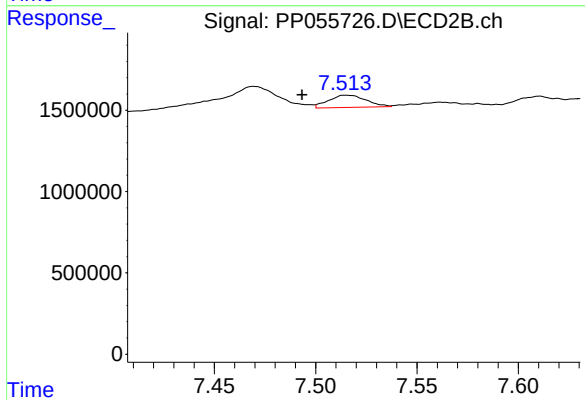
R.T.: 8.042 min
Delta R.T.: -0.013 min
Response: 116079
Conc: 1.96 ng/ml



#41 AR-1268-1

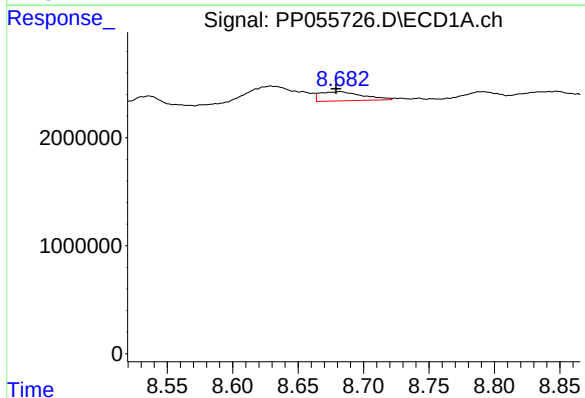
R.T.: 0.000 min
Exp R.T.: 8.585 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



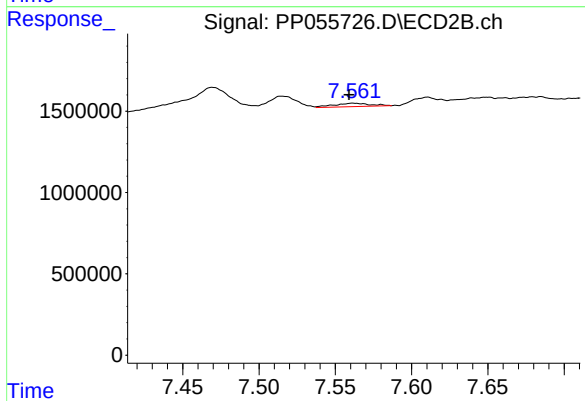
#41 AR-1268-1

R.T.: 7.515 min
Delta R.T.: 0.022 min
Response: 976744
Conc: 4.52 ng/ml



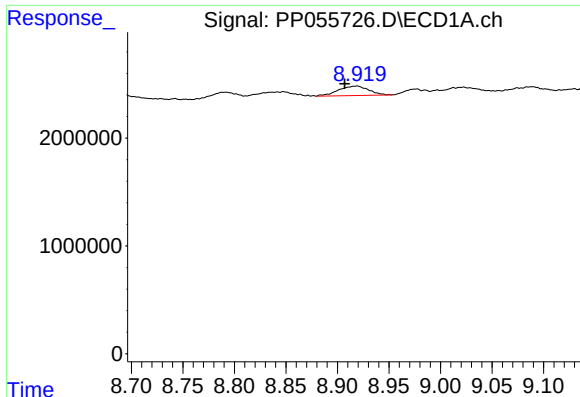
#42 AR-1268-2

R.T.: 8.682 min
Delta R.T.: 0.003 min
Response: 1907102
Conc: 8.40 ng/ml



#42 AR-1268-2

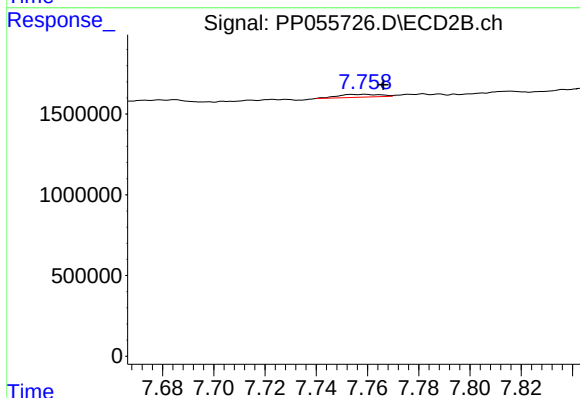
R.T.: 7.562 min
Delta R.T.: 0.003 min
Response: 349179
Conc: 1.79 ng/ml



#43 AR-1268-3

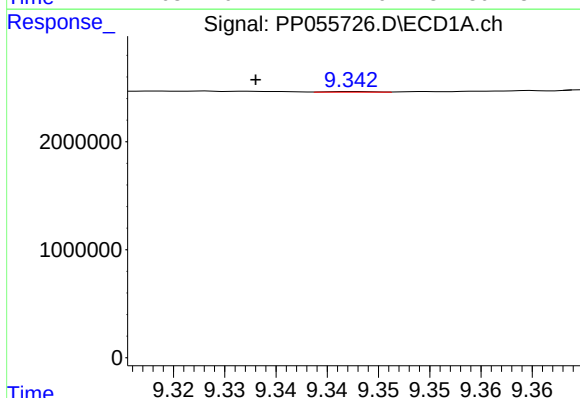
R.T.: 8.919 min
Delta R.T.: 0.012 min
Response: 1783539
Conc: 8.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



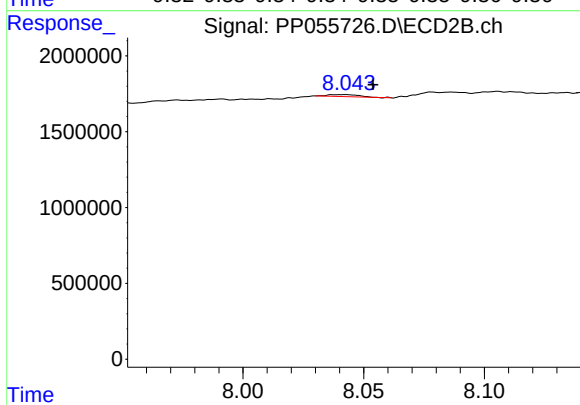
#43 AR-1268-3

R.T.: 7.759 min
Delta R.T.: -0.008 min
Response: 201985
Conc: 1.18 ng/ml



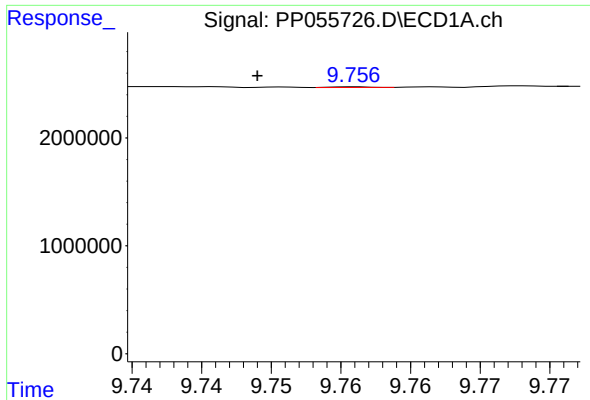
#44 AR-1268-4

R.T.: 9.342 min
Delta R.T.: 0.009 min
Response: 15405
Conc: 0.20 ng/ml



#44 AR-1268-4

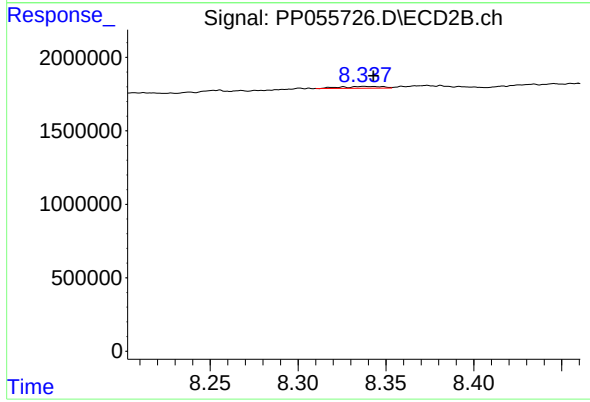
R.T.: 8.042 min
Delta R.T.: -0.012 min
Response: 116079
Conc: 1.82 ng/ml



#45 AR-1268-5

R.T.: 9.756 min
Delta R.T.: 0.007 min
Response: 11672
Conc: 0.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.338 min
Delta R.T.: -0.005 min
Response: 208318
Conc: 0.40 ng/ml