

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050725\
 Data File : PP071834.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2025 09:47
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 01:19:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 23 05:02:06 2025
 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...	4.505	3.840f	97166	62544	0.049	0.044
2)	SA Decachlor...	10.229	0.000	104296	0	0.072	N.D. #
Target Compounds							
3)	L1 AR-1016-1	5.688	0.000	224548	0	3.349	N.D. #
4)	L1 AR-1016-2	5.688	0.000	224548	0	2.188	N.D. #
5)	L1 AR-1016-3	5.757	5.140f	436897	4397245	7.087	104.174 #
6)	L1 AR-1016-4	5.840	5.140	73463	4397245	1.432	127.508 #
7)	L1 AR-1016-5	6.191f	5.337	1884367	1193513	39.064	26.852 #
8)	L2 AR-1221-1	4.783f	3.965f	163888	320204	6.796	14.558 #
9)	L2 AR-1221-2	4.783	0.000	163888	0	9.096	N.D. #
10)	L2 AR-1221-3	4.878	0.000	270127	0	4.772	N.D. #
11)	L3 AR-1232-1	4.878	0.000	270127	0	6.015	N.D. #
12)	L3 AR-1232-2	5.397	0.000	52586	0	2.285	N.D. #
13)	L3 AR-1232-3	5.688	5.140f	224548	4397245	4.756	207.659 #
14)	L3 AR-1232-4	5.840	5.212	73463	4674109	3.169	252.104 #
15)	L3 AR-1232-5	5.946	5.337	121740	1193513	7.540	59.970 #
16)	L4 AR-1242-1	5.688	0.000	224548	0	4.100	N.D. #
17)	L4 AR-1242-2	5.688	0.000	224548	0	2.642	N.D. #
18)	L4 AR-1242-3	5.757	5.140f	436897	4397245	8.546	120.643 #
19)	L4 AR-1242-4	5.840	5.212	73463	4674109	1.740	130.889 #
20)	L4 AR-1242-5	6.577	5.715	3718982	5806738	80.340	133.464 #
21)	L5 AR-1248-1	5.649	0.000	310956	0	7.242	N.D. #
22)	L5 AR-1248-2	5.946	5.140	121740	4397245	2.014	89.809 #
23)	L5 AR-1248-3	6.191f	5.212	1884367	4674109	28.216	91.496 #
24)	L5 AR-1248-4	6.540	5.337	4130719	1193513	48.820	19.676 #
25)	L5 AR-1248-5	6.577	5.715	3718982	5806738	46.810	99.617 #
26)	L6 AR-1254-1	6.518	5.715	6437130	5806738	78.548	63.531
27)	L6 AR-1254-2	6.745	5.823	3527872	3506621	27.762	44.550 #
28)	L6 AR-1254-3	7.089	6.268	8623836	4438717	67.492	37.455 #
29)	L6 AR-1254-4	7.387	6.482	2493420	1505913	21.218	19.515
31)	L7 AR-1260-1	7.276	6.420f	5212613	2867307	54.284	39.659 #
32)	L7 AR-1260-2	0.000	6.593	0	289099	N.D.	3.305 #
33)	L7 AR-1260-3	7.891	6.687f	3657115	243326	32.622	3.104 #
34)	L7 AR-1260-4	8.125	7.216	3244725	96021	28.749	1.521 #
35)	L7 AR-1260-5	8.436	7.483f	4390662	931255	19.379	6.176 #
36)	L8 AR-1262-1	8.125	0.000	3244725	0	22.456	N.D. #
37)	L8 AR-1262-2	8.436	7.216	4390662	96021	16.013	1.040 #
38)	L8 AR-1262-3	8.770	7.739	6095380	2778085	33.330	36.701
39)	L8 AR-1262-4	8.802	7.792	1807849	660836	13.470	5.294 #
40)	L8 AR-1262-5	9.439f	8.273	339508	94652	3.851	1.706 #
41)	L9 AR-1268-1	8.770f	7.739	6095380	2778085	19.619	13.912 #
42)	L9 AR-1268-2	8.802	7.792	1807849	660836	7.014	3.910 #

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Instrument :
 ECD_P
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 01:19:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 23 05:02:06 2025
 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
43) L9	AR-1268-3	9.048	8.033f	733773	56096	3.292	0.403 #
44) L9	AR-1268-4	9.439f	8.273	339508	94652	3.610	1.557 #
45) L9	AR-1268-5	9.886	8.601	137517	109792	0.230	0.294 #

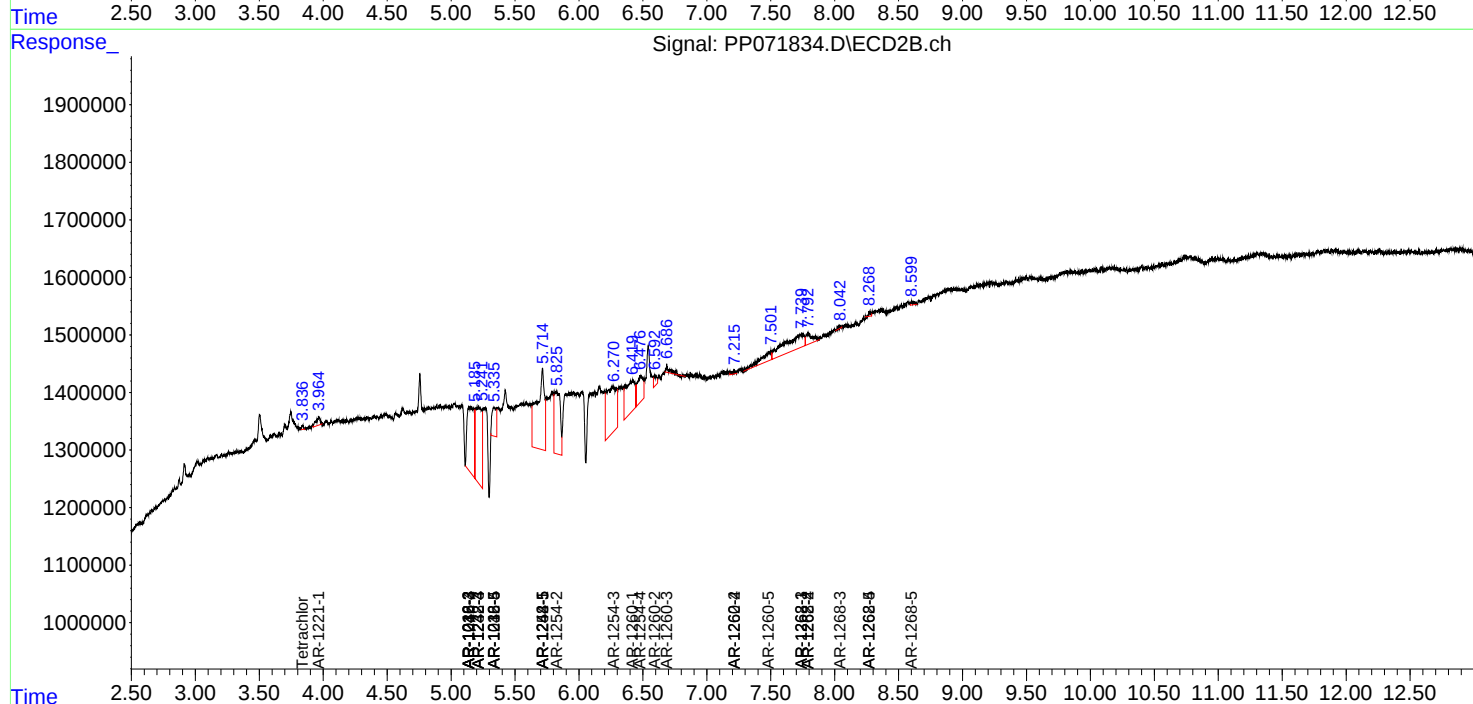
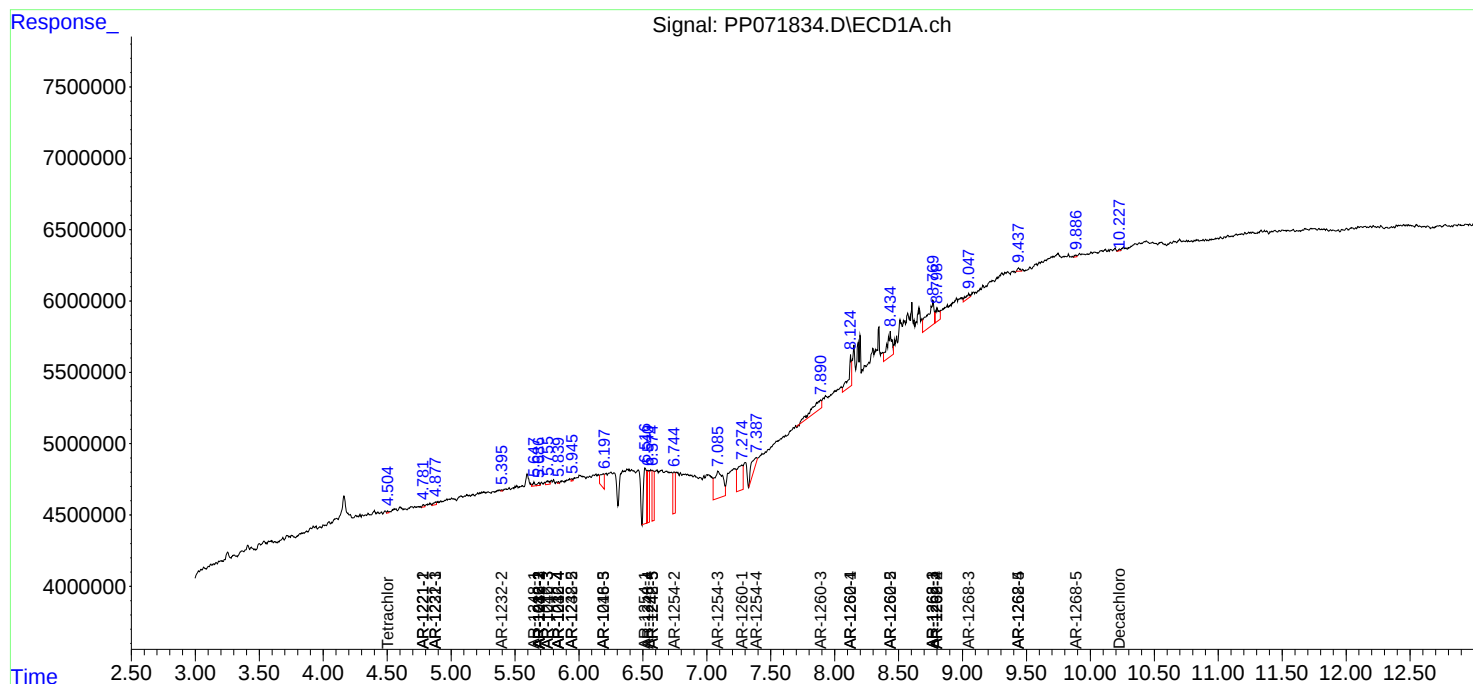
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

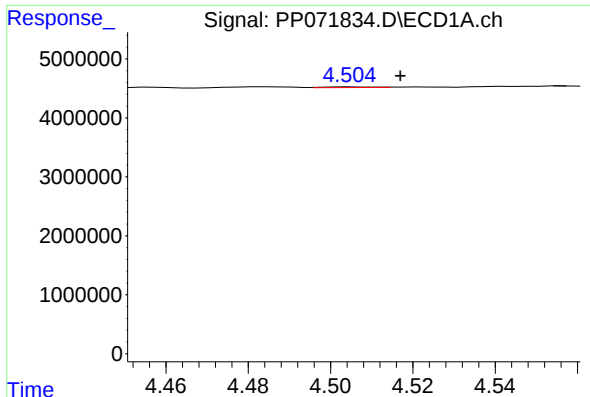
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

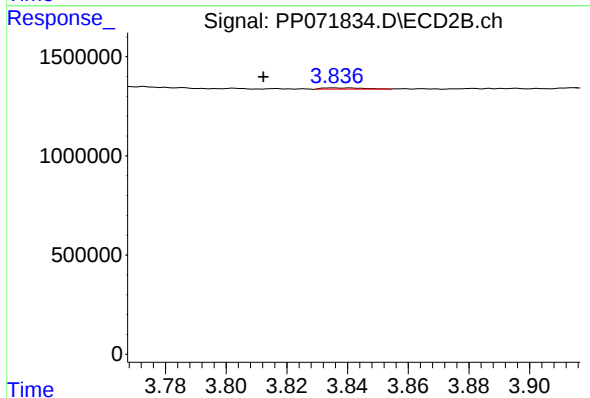




#1 Tetrachloro-m-xylene

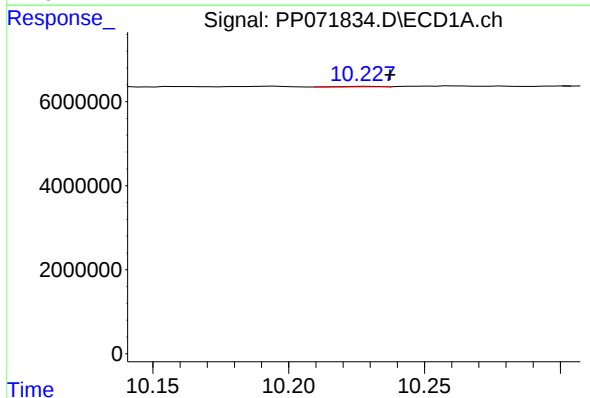
R.T.: 4.505 min
Delta R.T.: -0.012 min
Response: 97166
Conc: 0.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



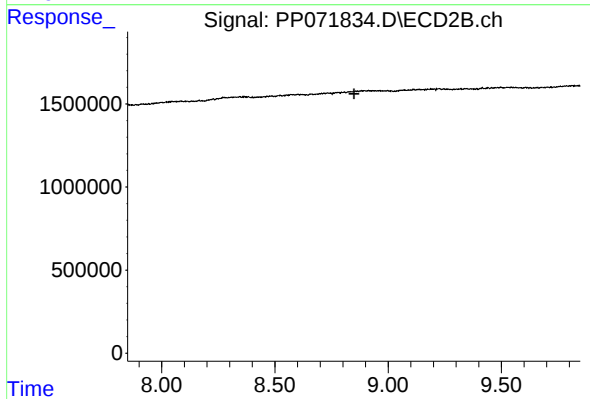
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.028 min
Response: 62544
Conc: 0.04 ng/ml



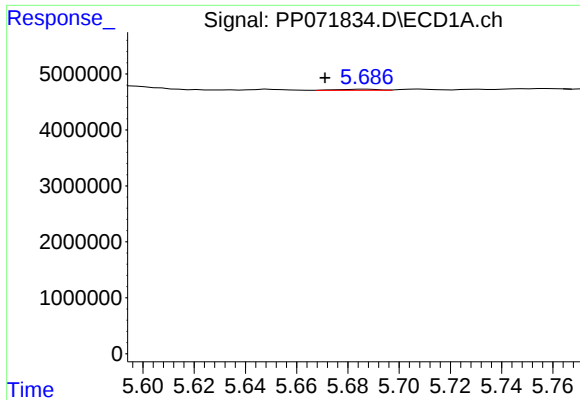
#2 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: -0.008 min
Response: 104296
Conc: 0.07 ng/ml



#2 Decachlorobiphenyl

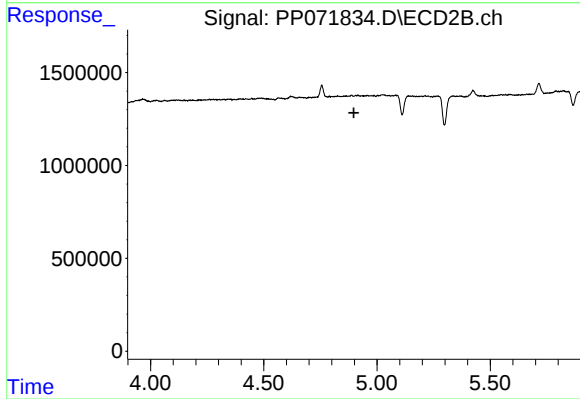
R.T.: 0.000 min
Exp R.T.: 8.849 min
Response: 0
Conc: N.D.



#3 AR-1016-1

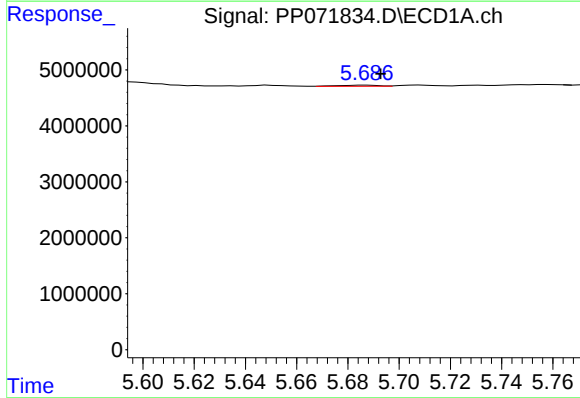
R.T.: 5.688 min
Delta R.T.: 0.017 min
Response: 224548
Conc: 3.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



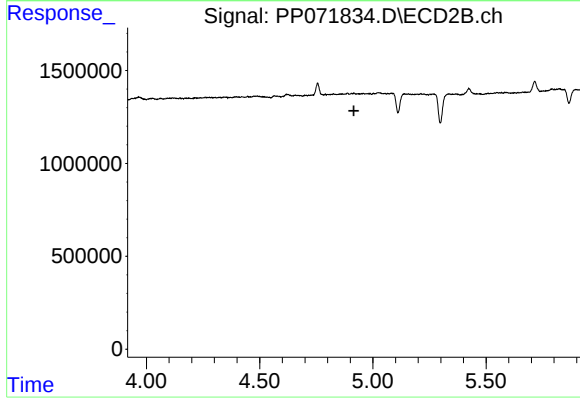
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.898 min
Response: 0
Conc: N.D.



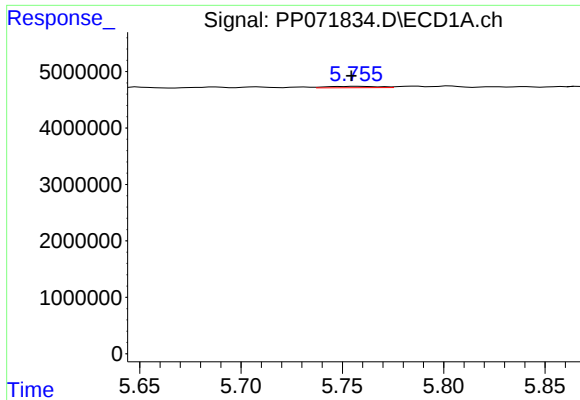
#4 AR-1016-2

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 224548
Conc: 2.19 ng/ml



#4 AR-1016-2

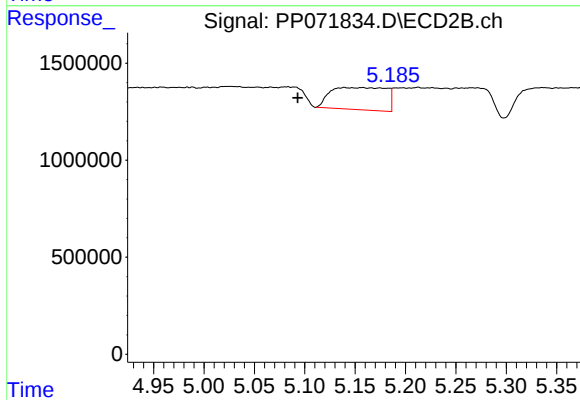
R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



#5 AR-1016-3

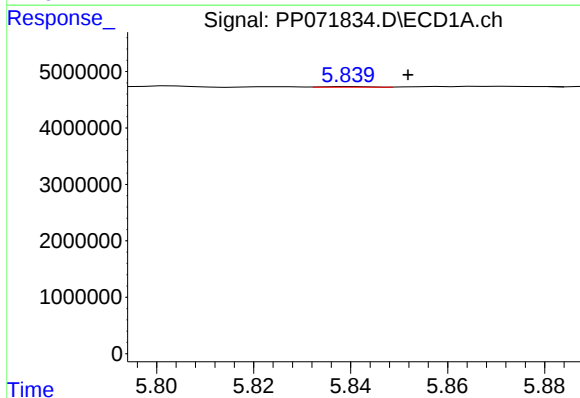
R.T.: 5.757 min
Delta R.T.: 0.002 min
Response: 436897
Conc: 7.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



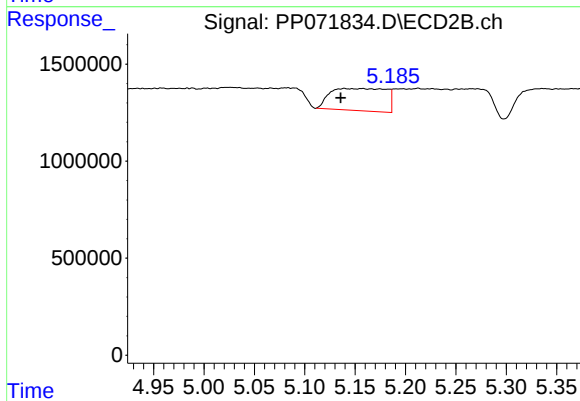
#5 AR-1016-3

R.T.: 5.140 min
Delta R.T.: 0.047 min
Response: 4397245
Conc: 104.17 ng/ml



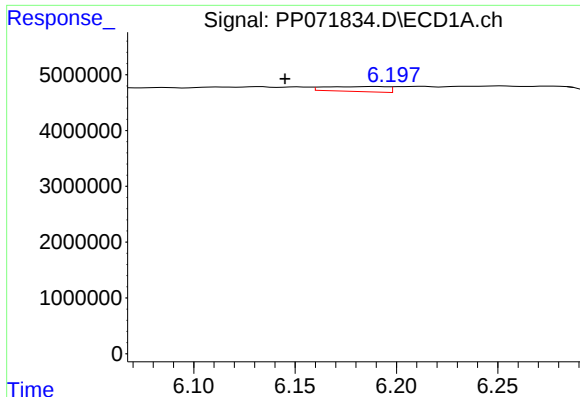
#6 AR-1016-4

R.T.: 5.840 min
Delta R.T.: -0.012 min
Response: 73463
Conc: 1.43 ng/ml



#6 AR-1016-4

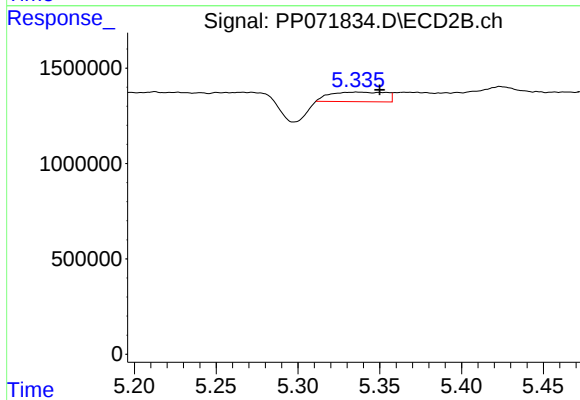
R.T.: 5.140 min
Delta R.T.: 0.004 min
Response: 4397245
Conc: 127.51 ng/ml



#7 AR-1016-5

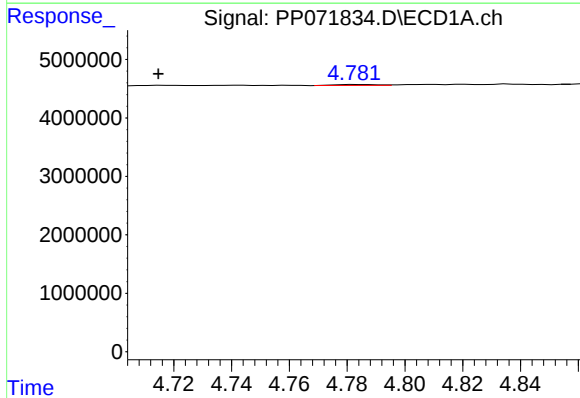
R.T.: 6.191 min
Delta R.T.: 0.046 min
Response: 1884367
Conc: 39.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



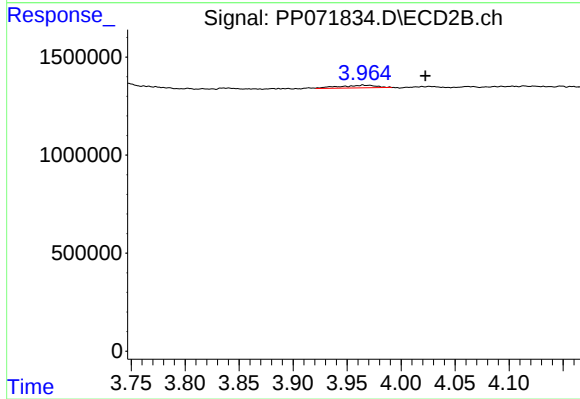
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: -0.013 min
Response: 1193513
Conc: 26.85 ng/ml



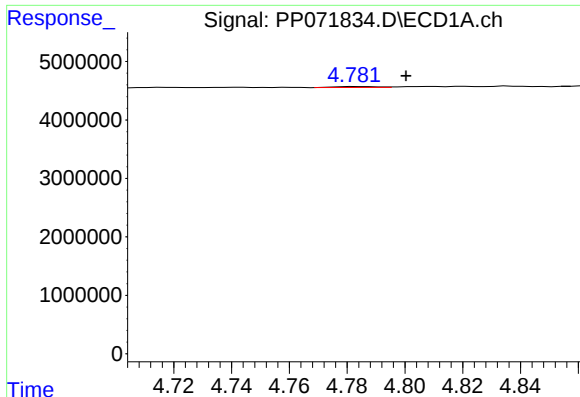
#8 AR-1221-1

R.T.: 4.783 min
Delta R.T.: 0.068 min
Response: 163888
Conc: 6.80 ng/ml



#8 AR-1221-1

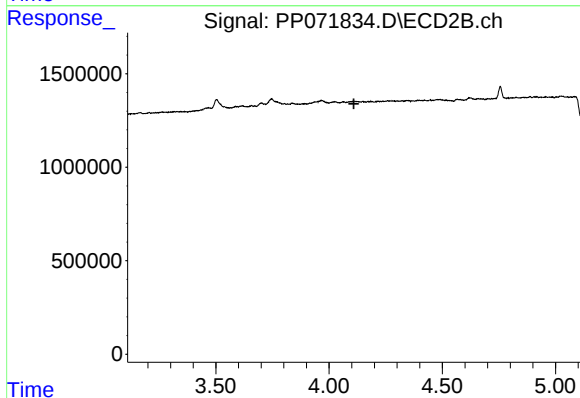
R.T.: 3.965 min
Delta R.T.: -0.058 min
Response: 320204
Conc: 14.56 ng/ml



#9 AR-1221-2

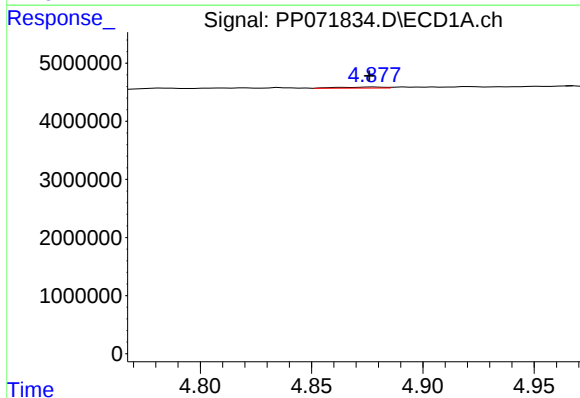
R.T.: 4.783 min
Delta R.T.: -0.018 min
Response: 163888
Conc: 9.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



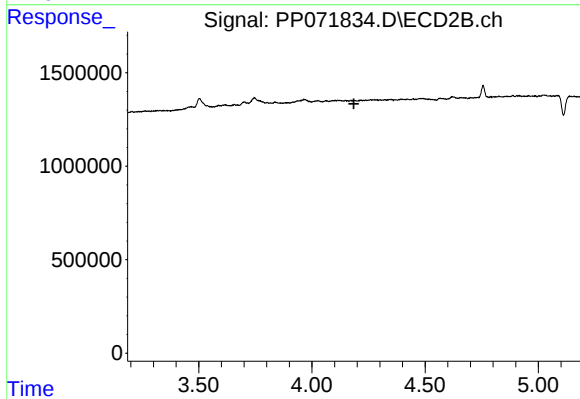
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.109 min
Response: 0
Conc: N.D.



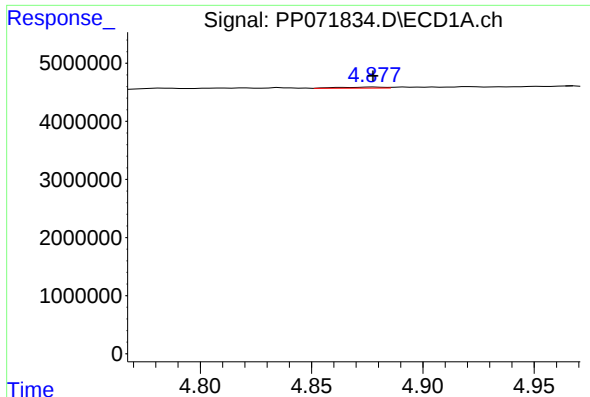
#10 AR-1221-3

R.T.: 4.878 min
Delta R.T.: 0.002 min
Response: 270127
Conc: 4.77 ng/ml



#10 AR-1221-3

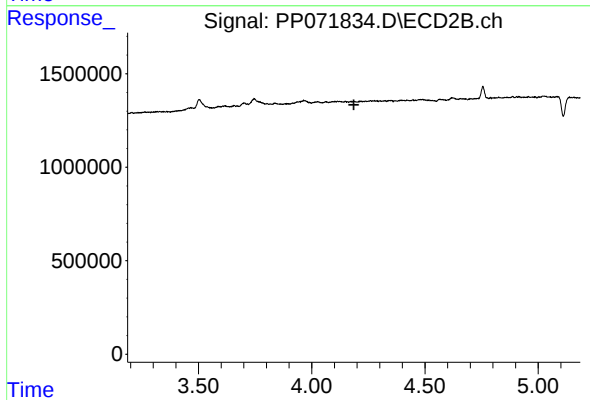
R.T.: 0.000 min
Exp R.T. : 4.185 min
Response: 0
Conc: N.D.



#11 AR-1232-1

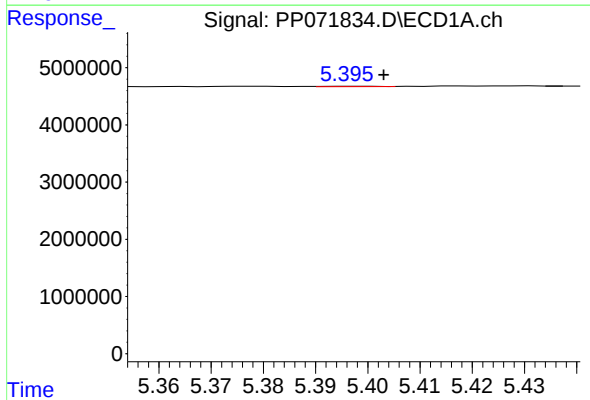
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 270127
Conc: 6.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



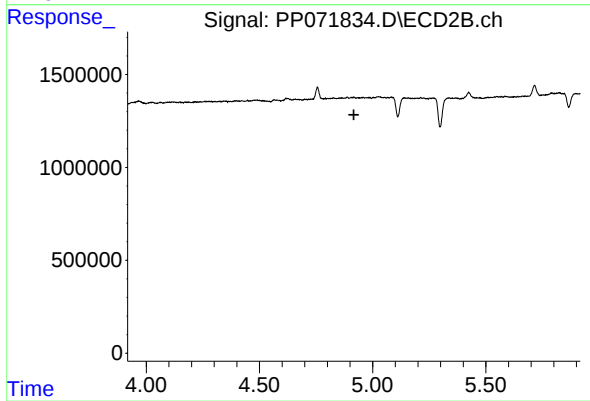
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.186 min
Response: 0
Conc: N.D.



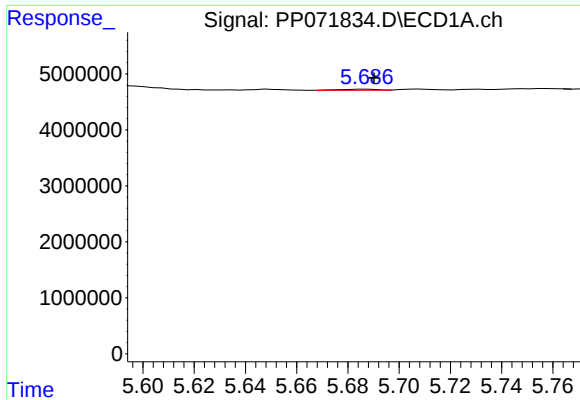
#12 AR-1232-2

R.T.: 5.397 min
Delta R.T.: -0.006 min
Response: 52586
Conc: 2.29 ng/ml



#12 AR-1232-2

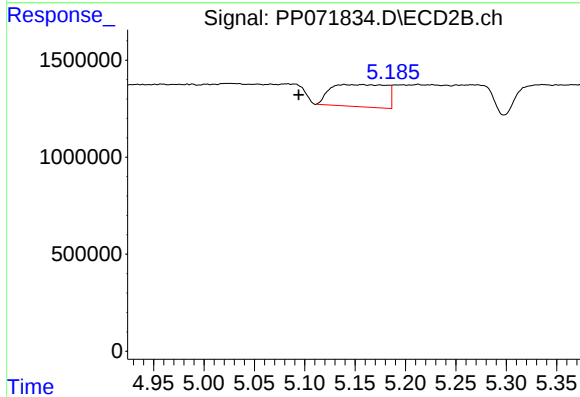
R.T.: 0.000 min
Exp R.T. : 4.917 min
Response: 0
Conc: N.D.



#13 AR-1232-3

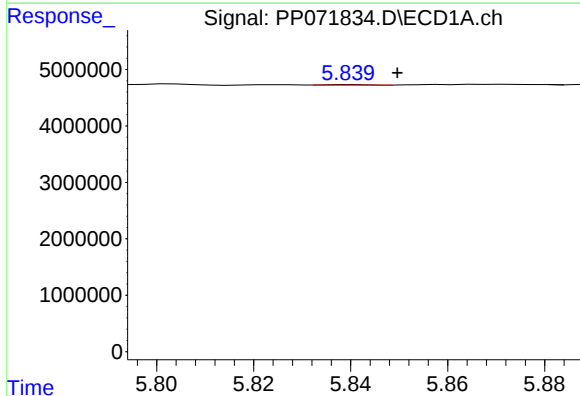
R.T.: 5.688 min
Delta R.T.: -0.003 min
Response: 224548
Conc: 4.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



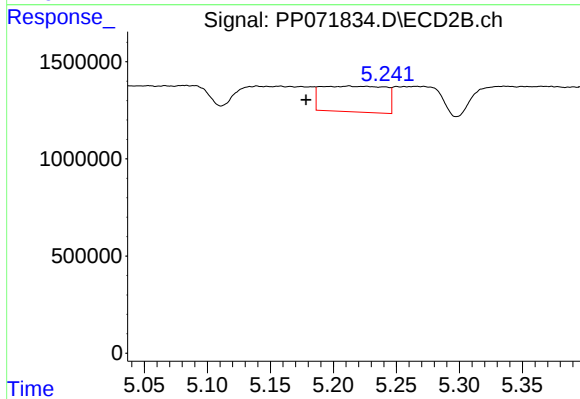
#13 AR-1232-3

R.T.: 5.140 min
Delta R.T.: 0.046 min
Response: 4397245
Conc: 207.66 ng/ml



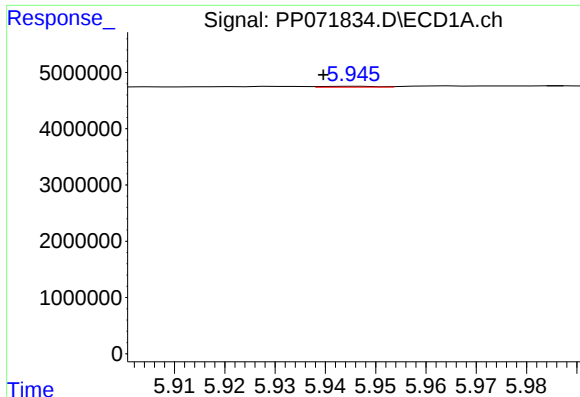
#14 AR-1232-4

R.T.: 5.840 min
Delta R.T.: -0.009 min
Response: 73463
Conc: 3.17 ng/ml



#14 AR-1232-4

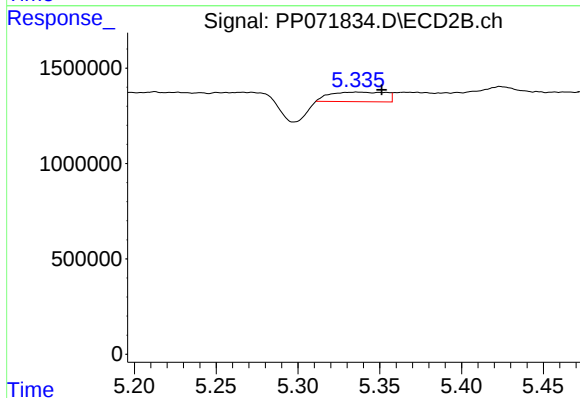
R.T.: 5.212 min
Delta R.T.: 0.034 min
Response: 4674109
Conc: 252.10 ng/ml



#15 AR-1232-5

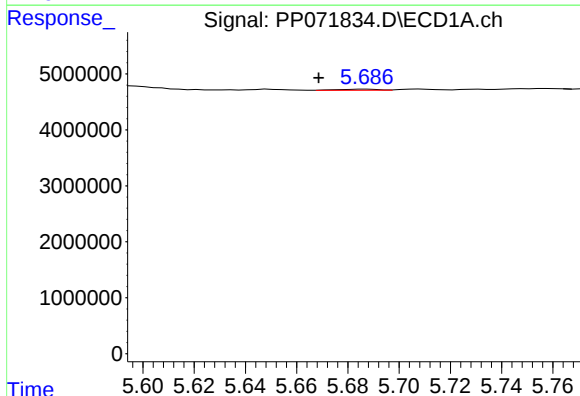
R.T.: 5.946 min
Delta R.T.: 0.007 min
Response: 121740
Conc: 7.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



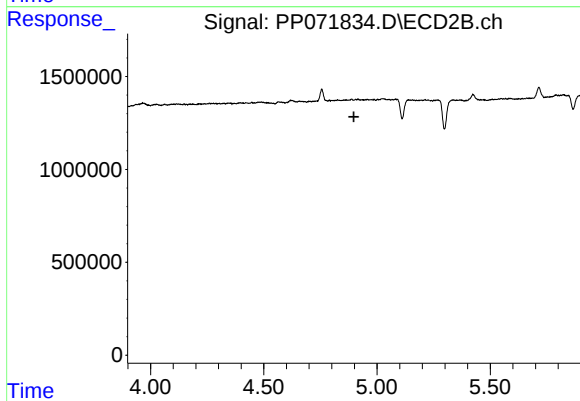
#15 AR-1232-5

R.T.: 5.337 min
Delta R.T.: -0.015 min
Response: 1193513
Conc: 59.97 ng/ml



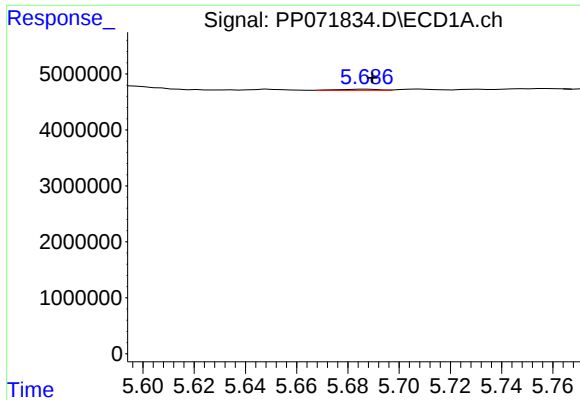
#16 AR-1242-1

R.T.: 5.688 min
Delta R.T.: 0.019 min
Response: 224548
Conc: 4.10 ng/ml



#16 AR-1242-1

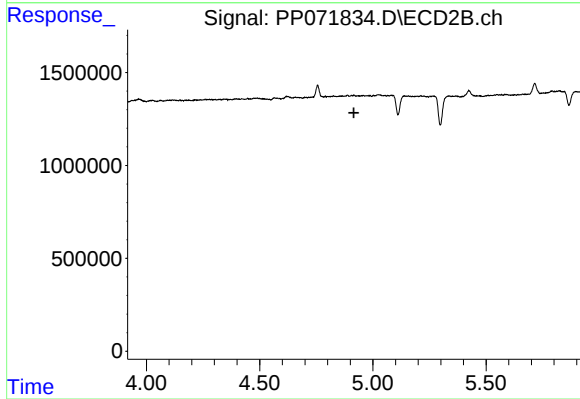
R.T.: 0.000 min
Exp R.T.: 4.898 min
Response: 0
Conc: N.D.



#17 AR-1242-2

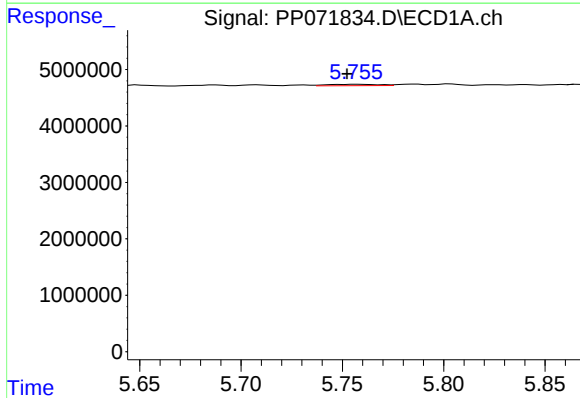
R.T.: 5.688 min
Delta R.T.: -0.002 min
Response: 224548
Conc: 2.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



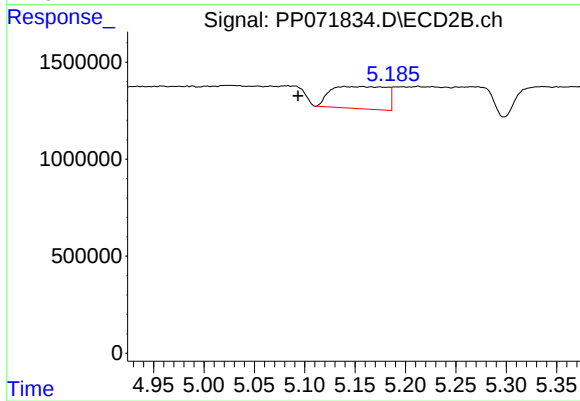
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



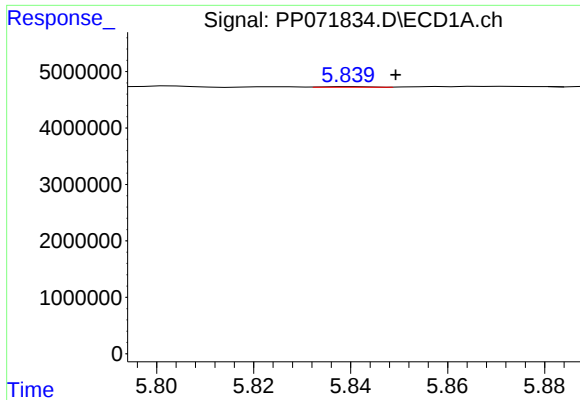
#18 AR-1242-3

R.T.: 5.757 min
Delta R.T.: 0.005 min
Response: 436897
Conc: 8.55 ng/ml



#18 AR-1242-3

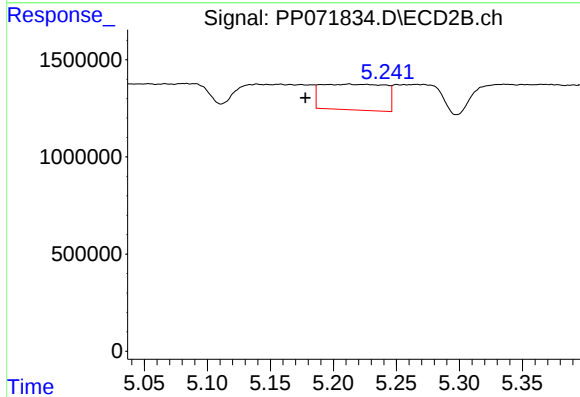
R.T.: 5.140 min
Delta R.T.: 0.046 min
Response: 4397245
Conc: 120.64 ng/ml



#19 AR-1242-4

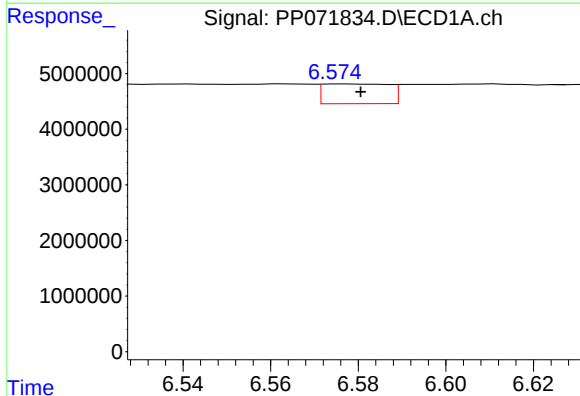
R.T.: 5.840 min
Delta R.T.: -0.009 min
Response: 73463
Conc: 1.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



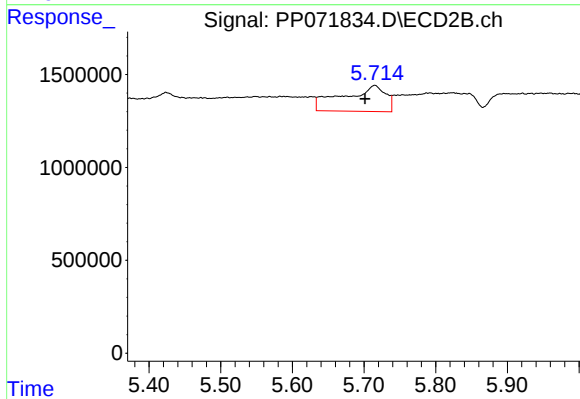
#19 AR-1242-4

R.T.: 5.212 min
Delta R.T.: 0.035 min
Response: 4674109
Conc: 130.89 ng/ml



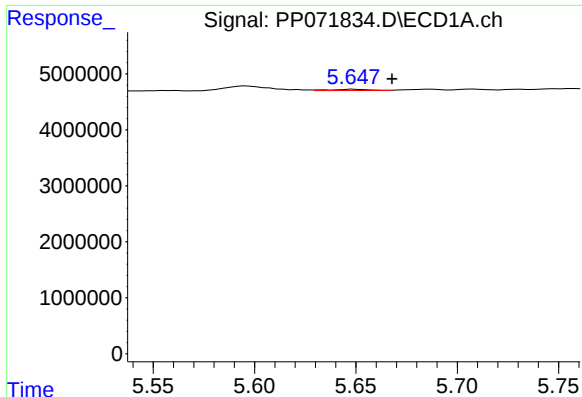
#20 AR-1242-5

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 3718982
Conc: 80.34 ng/ml



#20 AR-1242-5

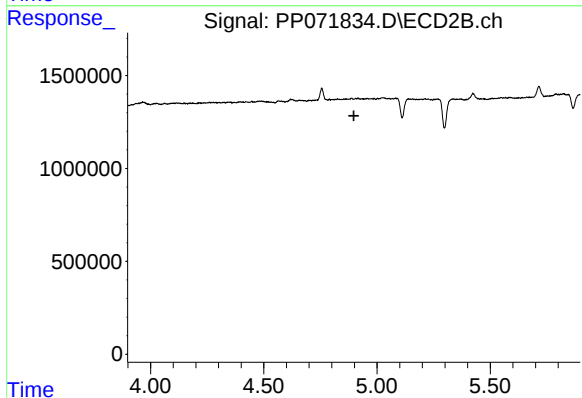
R.T.: 5.715 min
Delta R.T.: 0.014 min
Response: 5806738
Conc: 133.46 ng/ml



#21 AR-1248-1

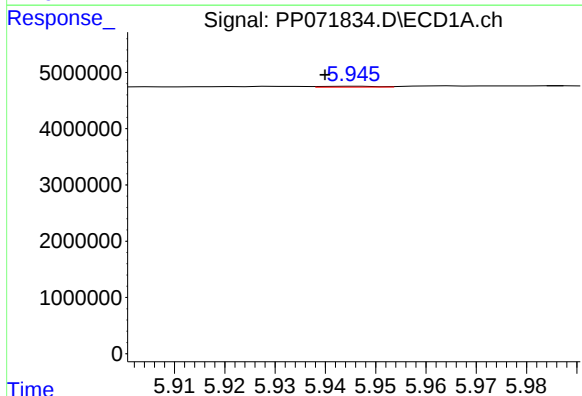
R.T.: 5.649 min
Delta R.T.: -0.019 min
Response: 310956
Conc: 7.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



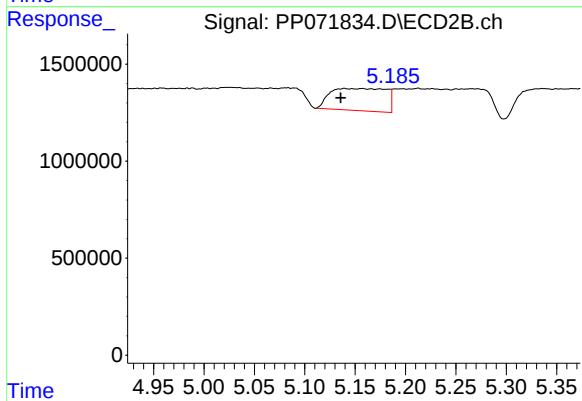
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.898 min
Response: 0
Conc: N.D.



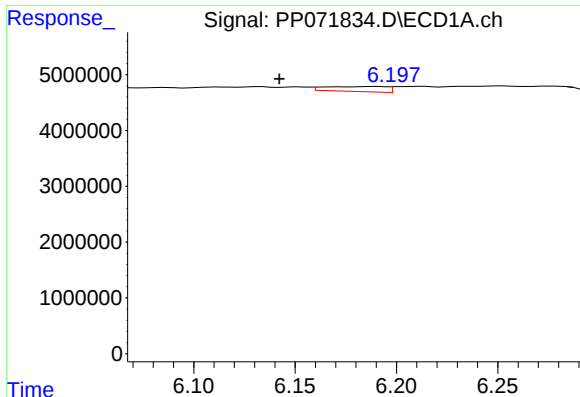
#22 AR-1248-2

R.T.: 5.946 min
Delta R.T.: 0.006 min
Response: 121740
Conc: 2.01 ng/ml



#22 AR-1248-2

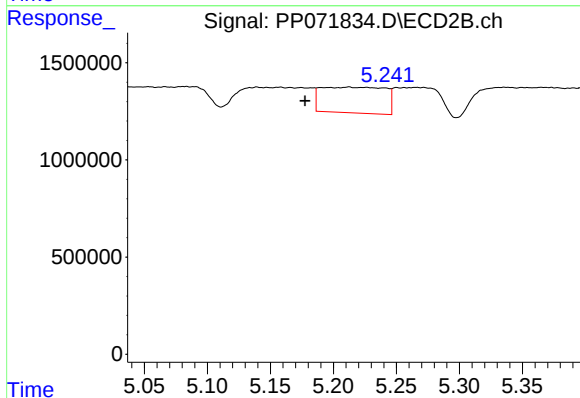
R.T.: 5.140 min
Delta R.T.: 0.004 min
Response: 4397245
Conc: 89.81 ng/ml



#23 AR-1248-3

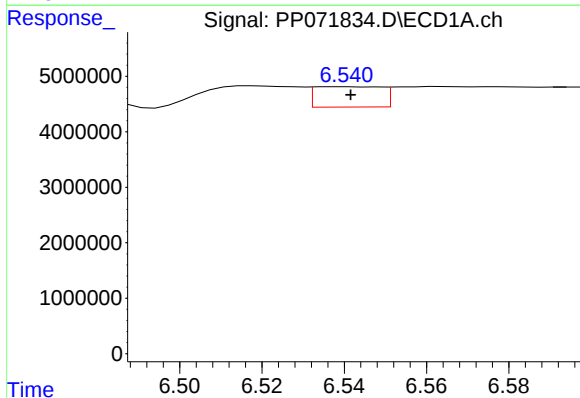
R.T.: 6.191 min
Delta R.T.: 0.049 min
Response: 1884367
Conc: 28.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



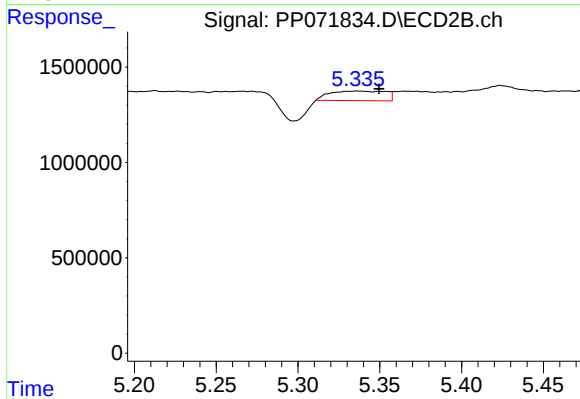
#23 AR-1248-3

R.T.: 5.212 min
Delta R.T.: 0.035 min
Response: 4674109
Conc: 91.50 ng/ml



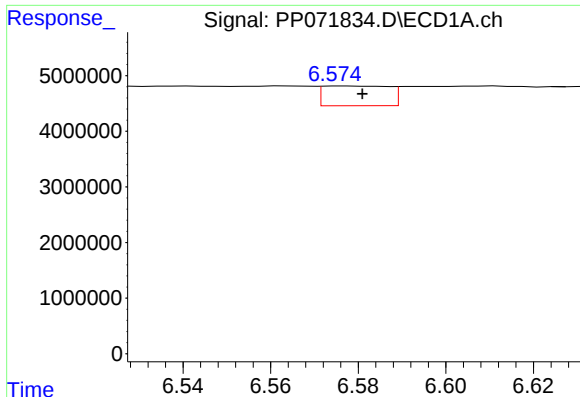
#24 AR-1248-4

R.T.: 6.540 min
Delta R.T.: -0.001 min
Response: 4130719
Conc: 48.82 ng/ml



#24 AR-1248-4

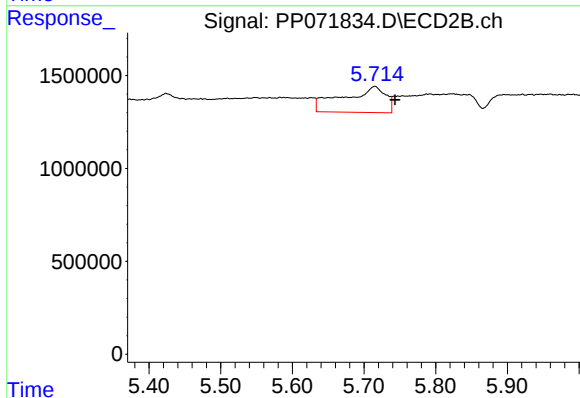
R.T.: 5.337 min
Delta R.T.: -0.013 min
Response: 1193513
Conc: 19.68 ng/ml



#25 AR-1248-5

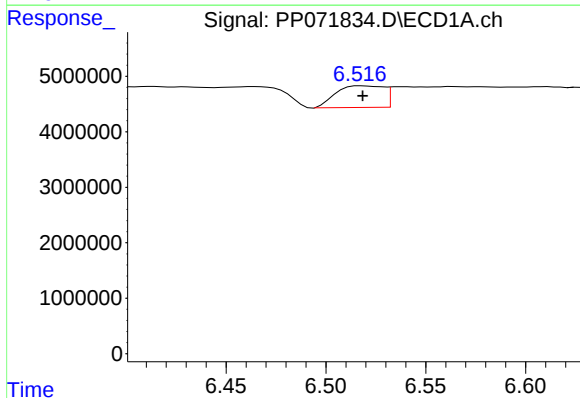
R.T.: 6.577 min
Delta R.T.: -0.004 min
Response: 3718982
Conc: 46.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



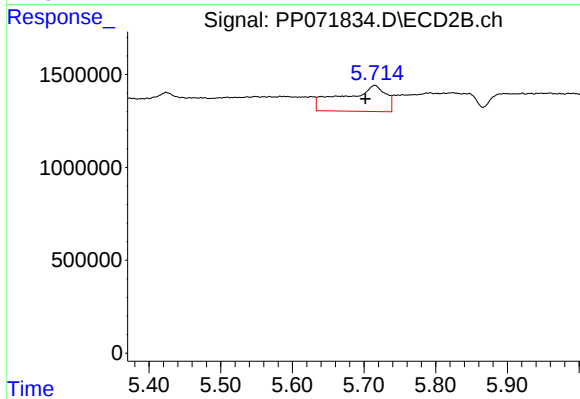
#25 AR-1248-5

R.T.: 5.715 min
Delta R.T.: -0.029 min
Response: 5806738
Conc: 99.62 ng/ml



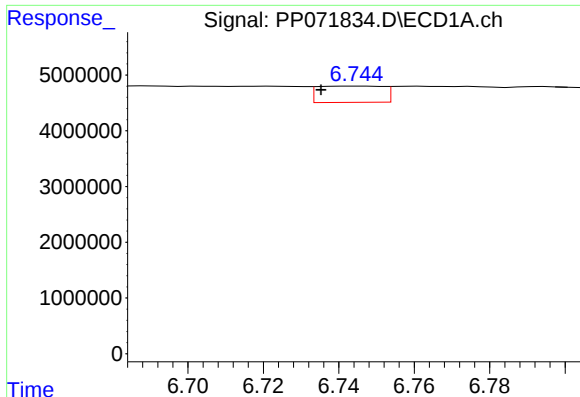
#26 AR-1254-1

R.T.: 6.518 min
Delta R.T.: -0.001 min
Response: 6437130
Conc: 78.55 ng/ml



#26 AR-1254-1

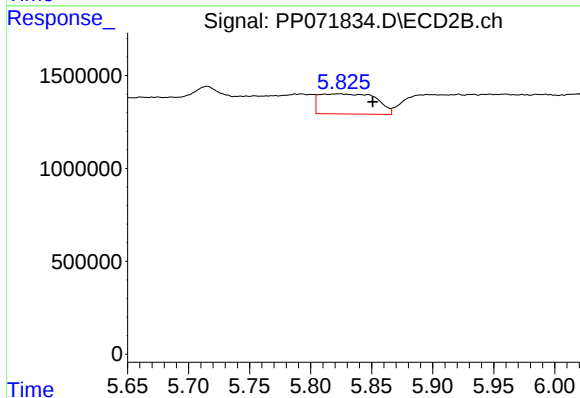
R.T.: 5.715 min
Delta R.T.: 0.013 min
Response: 5806738
Conc: 63.53 ng/ml



#27 AR-1254-2

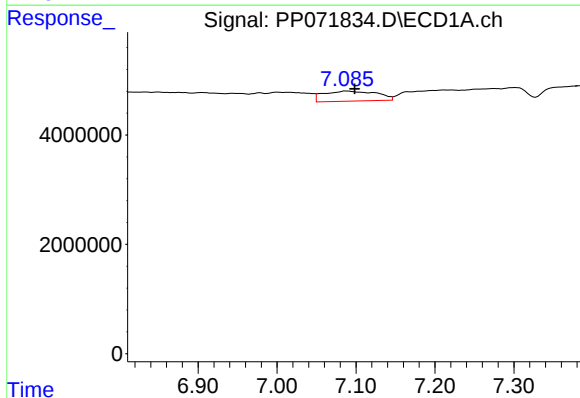
R.T.: 6.745 min
Delta R.T.: 0.010 min
Response: 3527872
Conc: 27.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



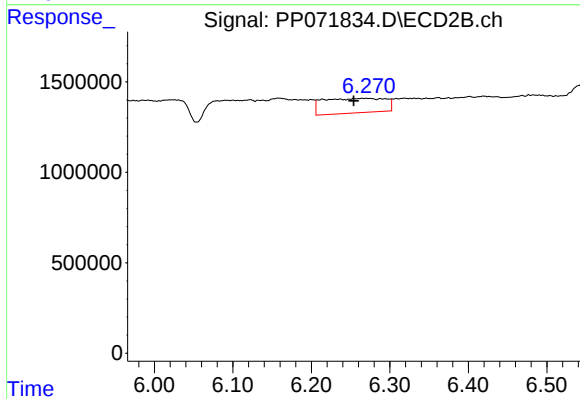
#27 AR-1254-2

R.T.: 5.823 min
Delta R.T.: -0.028 min
Response: 3506621
Conc: 44.55 ng/ml



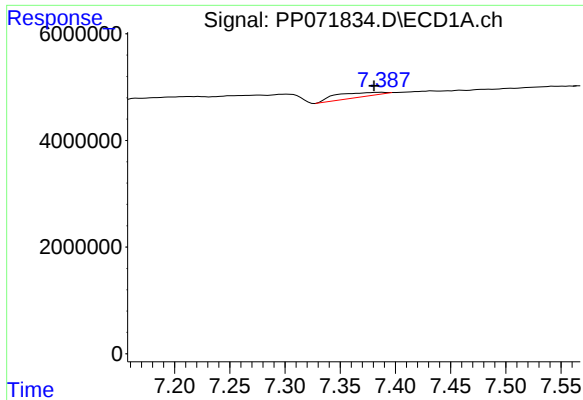
#28 AR-1254-3

R.T.: 7.089 min
Delta R.T.: -0.010 min
Response: 8623836
Conc: 67.49 ng/ml



#28 AR-1254-3

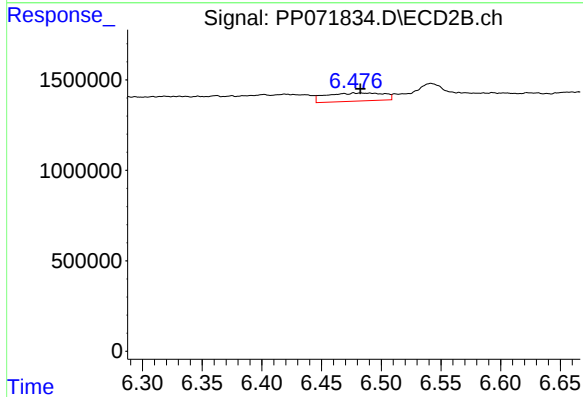
R.T.: 6.268 min
Delta R.T.: 0.013 min
Response: 4438717
Conc: 37.45 ng/ml



#29 AR-1254-4

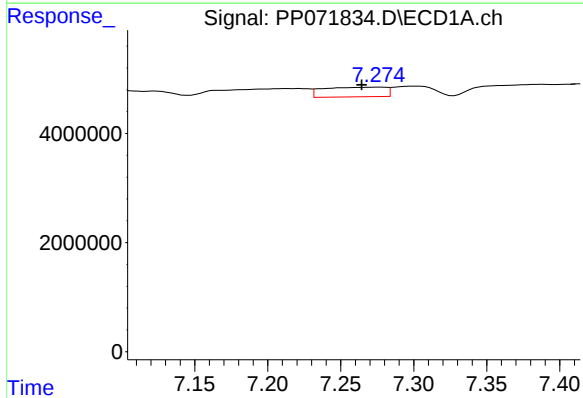
R.T.: 7.387 min
Delta R.T.: 0.007 min
Response: 2493420
Conc: 21.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



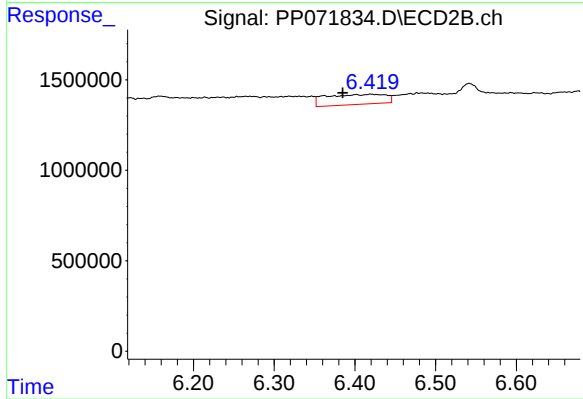
#29 AR-1254-4

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 1505913
Conc: 19.52 ng/ml



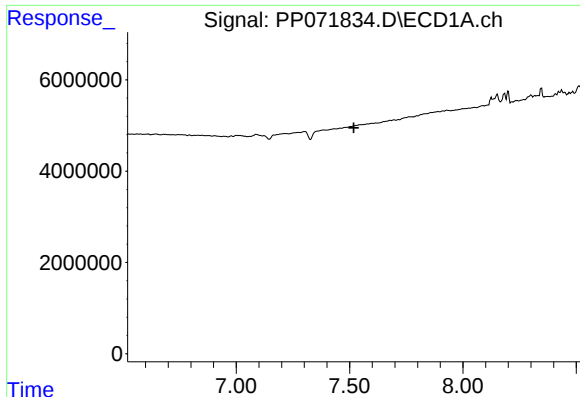
#31 AR-1260-1

R.T.: 7.276 min
Delta R.T.: 0.012 min
Response: 5212613
Conc: 54.28 ng/ml



#31 AR-1260-1

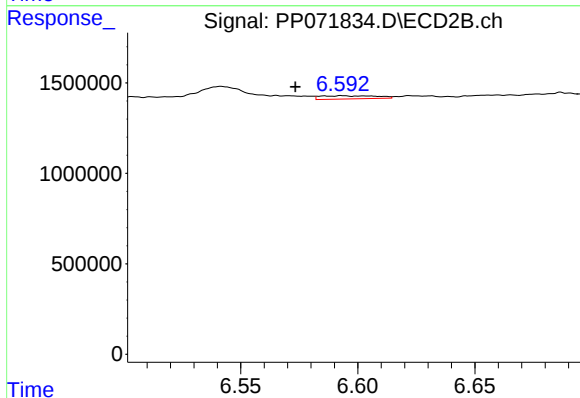
R.T.: 6.420 min
Delta R.T.: 0.035 min
Response: 2867307
Conc: 39.66 ng/ml



#32 AR-1260-2

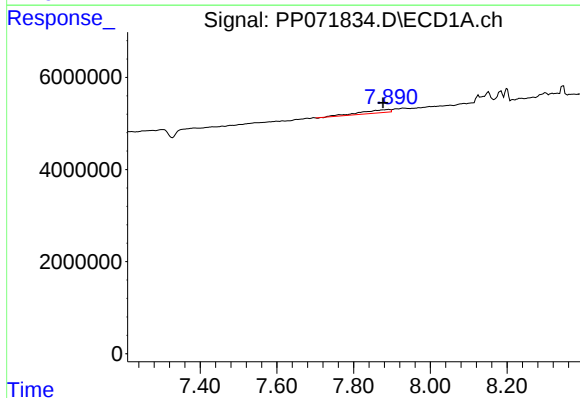
R.T.: 0.000 min
Exp R.T.: 7.518 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



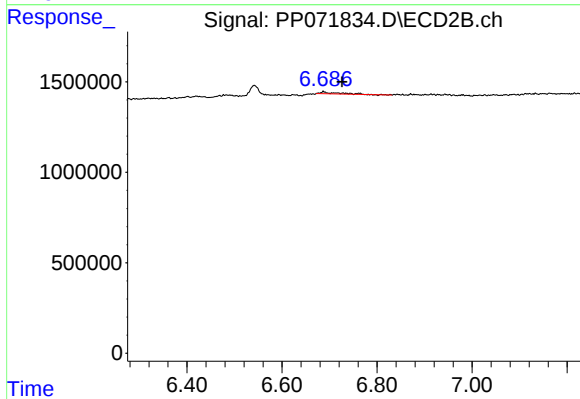
#32 AR-1260-2

R.T.: 6.593 min
Delta R.T.: 0.020 min
Response: 289099
Conc: 3.31 ng/ml



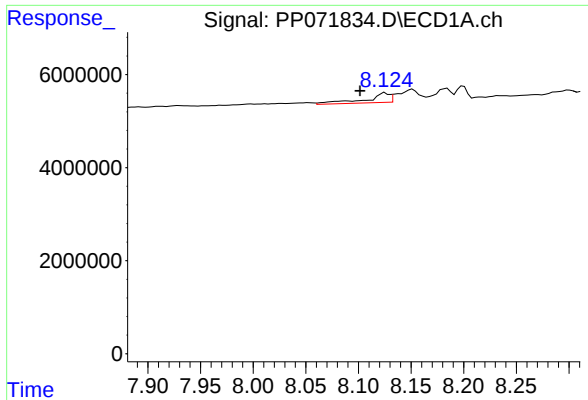
#33 AR-1260-3

R.T.: 7.891 min
Delta R.T.: 0.014 min
Response: 3657115
Conc: 32.62 ng/ml



#33 AR-1260-3

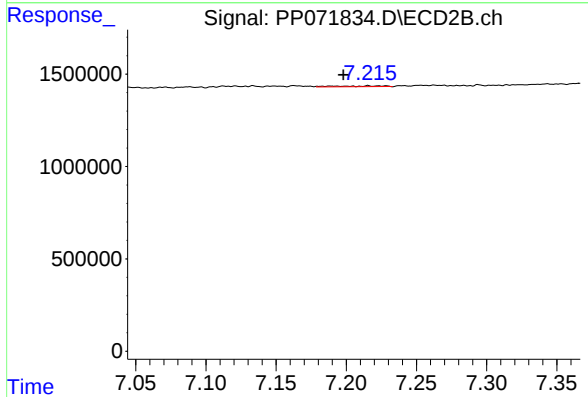
R.T.: 6.687 min
Delta R.T.: -0.039 min
Response: 243326
Conc: 3.10 ng/ml



#34 AR-1260-4

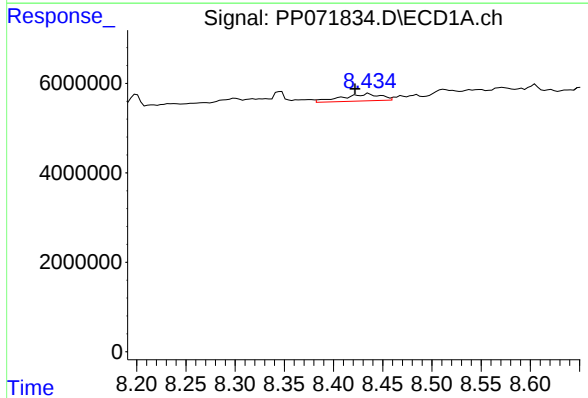
R.T.: 8.125 min
Delta R.T.: 0.024 min
Response: 3244725
Conc: 28.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



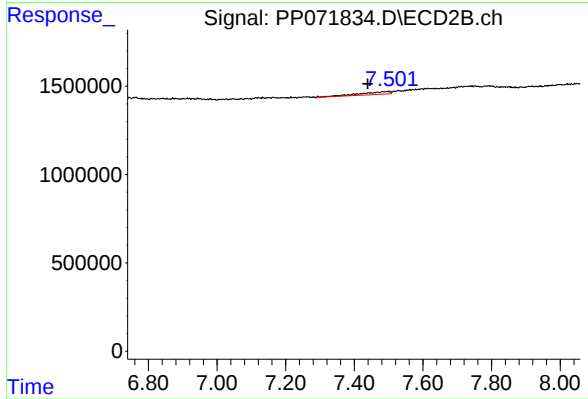
#34 AR-1260-4

R.T.: 7.216 min
Delta R.T.: 0.019 min
Response: 96021
Conc: 1.52 ng/ml



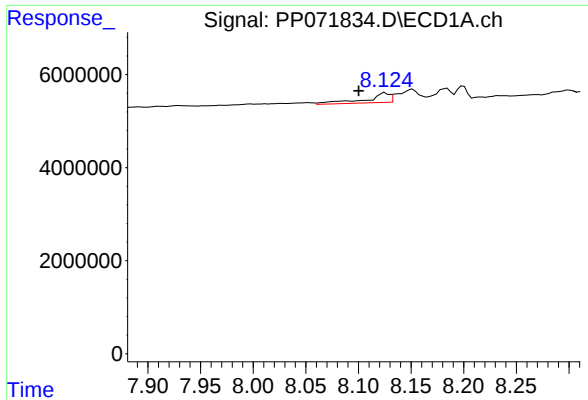
#35 AR-1260-5

R.T.: 8.436 min
Delta R.T.: 0.014 min
Response: 4390662
Conc: 19.38 ng/ml



#35 AR-1260-5

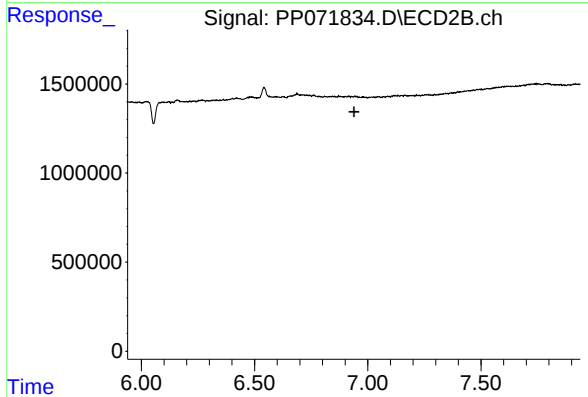
R.T.: 7.483 min
Delta R.T.: 0.044 min
Response: 931255
Conc: 6.18 ng/ml



#36 AR-1262-1

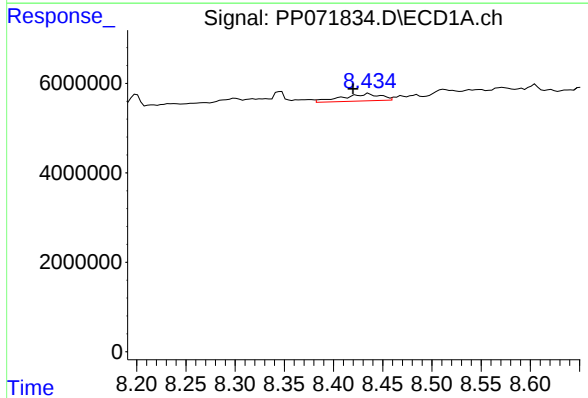
R.T.: 8.125 min
Delta R.T.: 0.025 min
Response: 3244725
Conc: 22.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



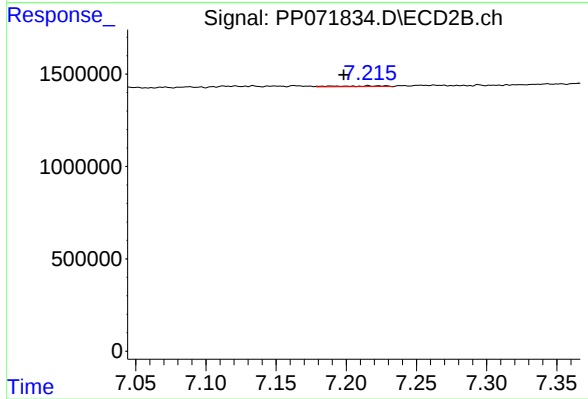
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.939 min
Response: 0
Conc: N.D.



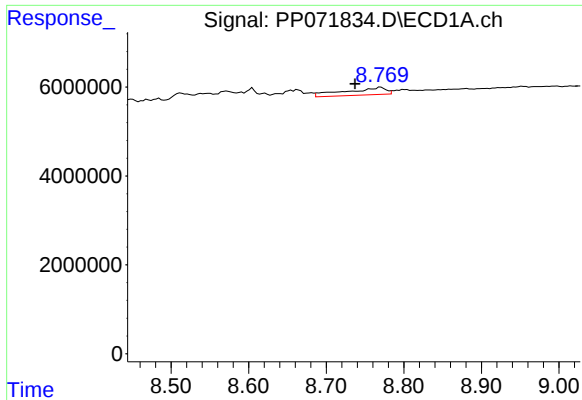
#37 AR-1262-2

R.T.: 8.436 min
Delta R.T.: 0.016 min
Response: 4390662
Conc: 16.01 ng/ml



#37 AR-1262-2

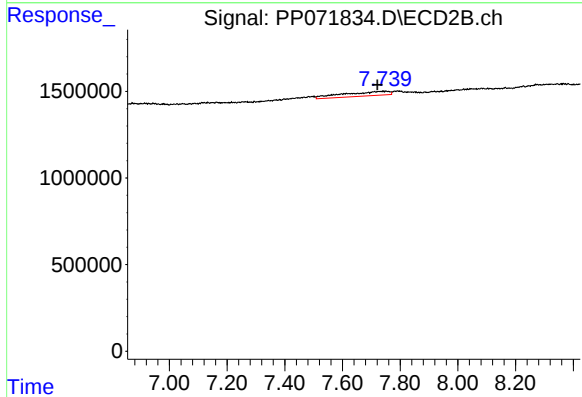
R.T.: 7.216 min
Delta R.T.: 0.018 min
Response: 96021
Conc: 1.04 ng/ml



#38 AR-1262-3

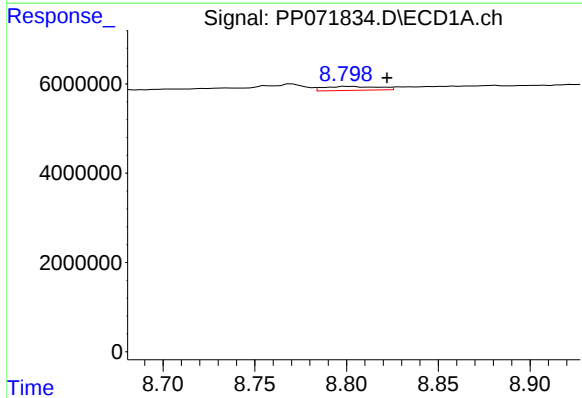
R.T.: 8.770 min
Delta R.T.: 0.033 min
Response: 6095380
Conc: 33.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



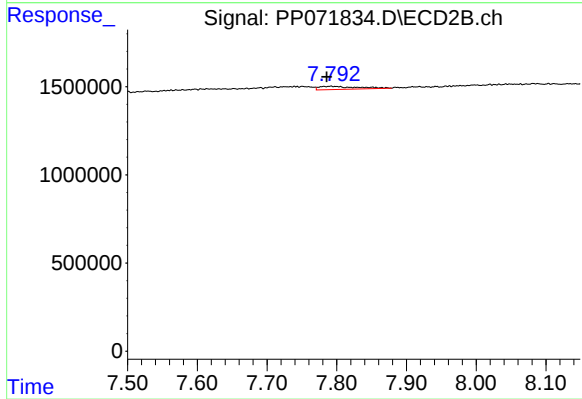
#38 AR-1262-3

R.T.: 7.739 min
Delta R.T.: 0.018 min
Response: 2778085
Conc: 36.70 ng/ml



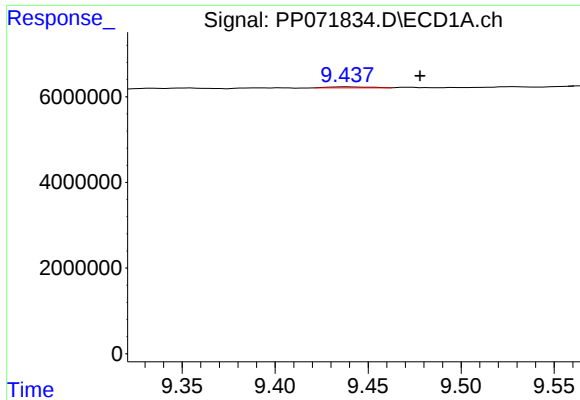
#39 AR-1262-4

R.T.: 8.802 min
Delta R.T.: -0.020 min
Response: 1807849
Conc: 13.47 ng/ml



#39 AR-1262-4

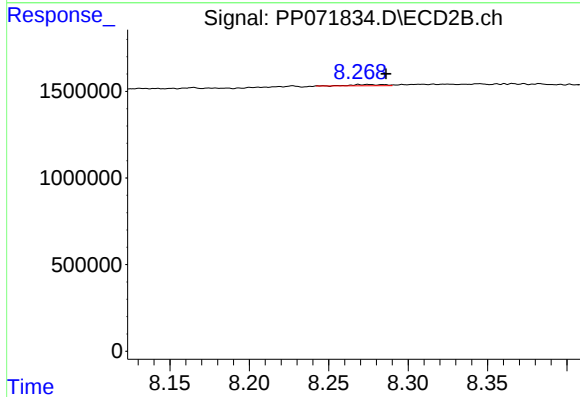
R.T.: 7.792 min
Delta R.T.: 0.006 min
Response: 660836
Conc: 5.29 ng/ml



#40 AR-1262-5

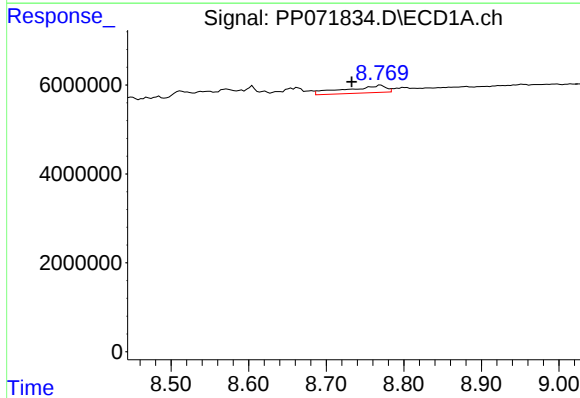
R.T.: 9.439 min
Delta R.T.: -0.039 min
Response: 339508
Conc: 3.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



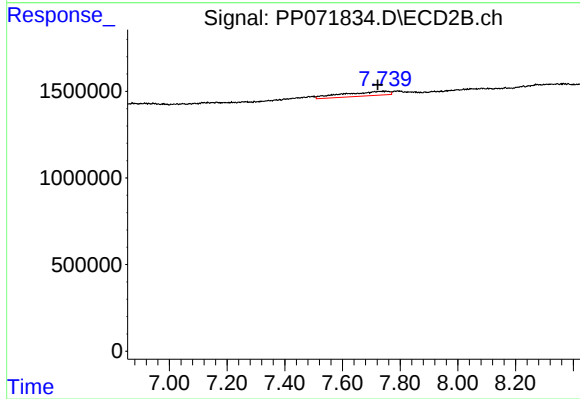
#40 AR-1262-5

R.T.: 8.273 min
Delta R.T.: -0.013 min
Response: 94652
Conc: 1.71 ng/ml



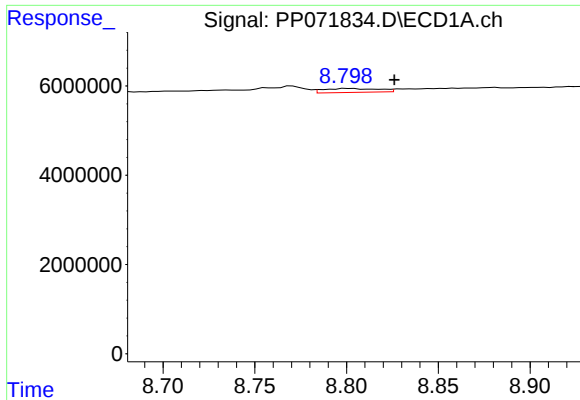
#41 AR-1268-1

R.T.: 8.770 min
Delta R.T.: 0.038 min
Response: 6095380
Conc: 19.62 ng/ml



#41 AR-1268-1

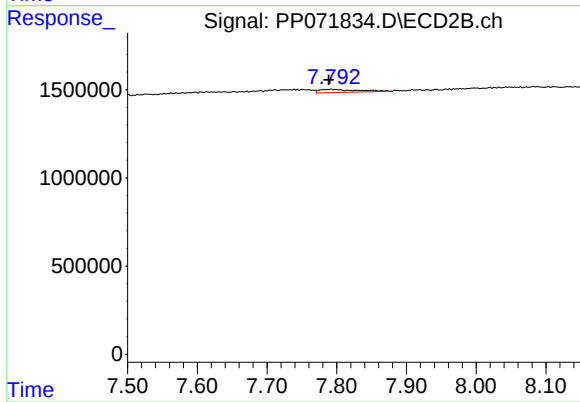
R.T.: 7.739 min
Delta R.T.: 0.017 min
Response: 2778085
Conc: 13.91 ng/ml



#42 AR-1268-2

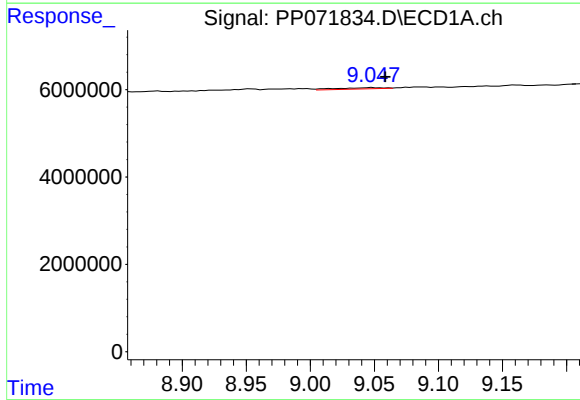
R.T.: 8.802 min
Delta R.T.: -0.024 min
Response: 1807849
Conc: 7.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



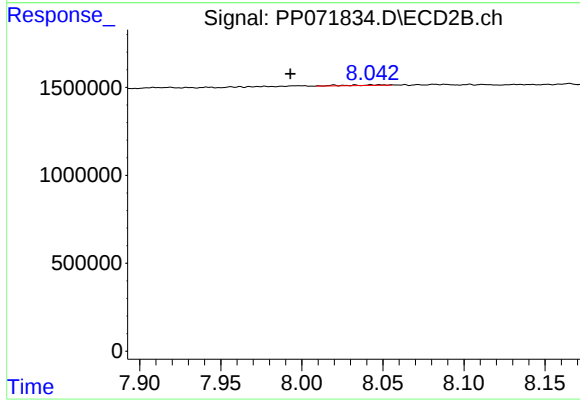
#42 AR-1268-2

R.T.: 7.792 min
Delta R.T.: 0.003 min
Response: 660836
Conc: 3.91 ng/ml



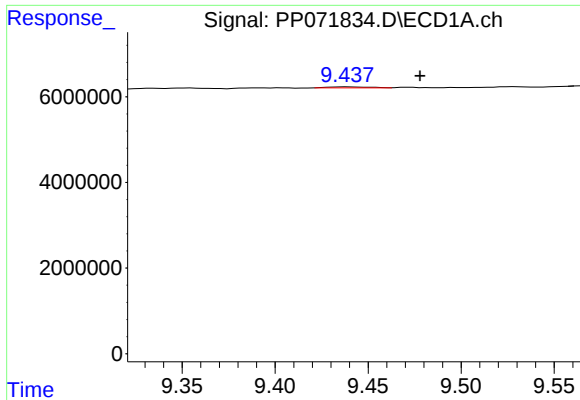
#43 AR-1268-3

R.T.: 9.048 min
Delta R.T.: -0.010 min
Response: 733773
Conc: 3.29 ng/ml



#43 AR-1268-3

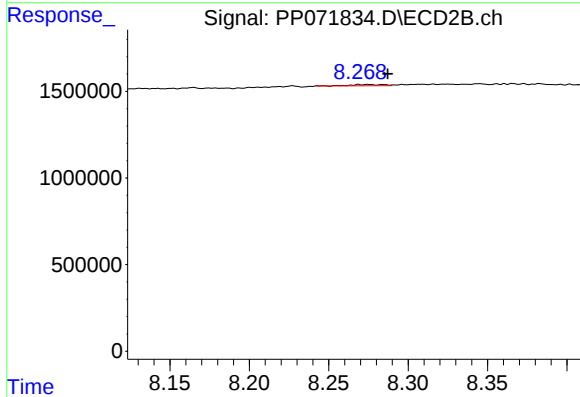
R.T.: 8.033 min
Delta R.T.: 0.040 min
Response: 56096
Conc: 0.40 ng/ml



#44 AR-1268-4

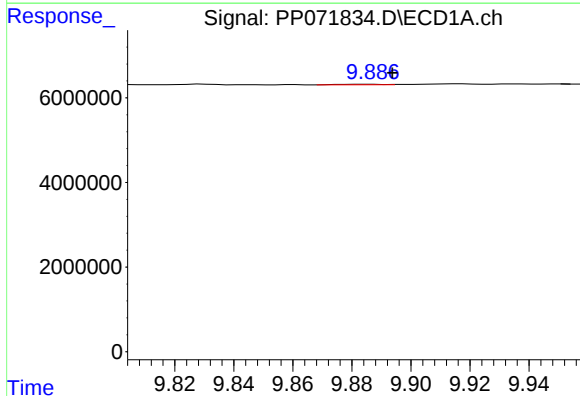
R.T.: 9.439 min
Delta R.T.: -0.039 min
Response: 339508
Conc: 3.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



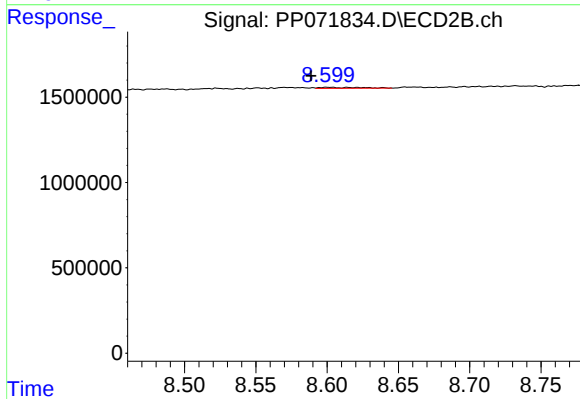
#44 AR-1268-4

R.T.: 8.273 min
Delta R.T.: -0.014 min
Response: 94652
Conc: 1.56 ng/ml



#45 AR-1268-5

R.T.: 9.886 min
Delta R.T.: -0.008 min
Response: 137517
Conc: 0.23 ng/ml



#45 AR-1268-5

R.T.: 8.601 min
Delta R.T.: 0.012 min
Response: 109792
Conc: 0.29 ng/ml