

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060525\
 Data File : PP072660.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 13:30
 Operator : YP\AJ
 Sample : Q2207-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 BU-703-COMP-02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 13:57:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 24 03:32:20 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...	4.499	3.794	40550489	34616838	20.166	21.658
2)	SA Decachlor...	10.198	8.809	30489574	23619160	18.715	22.312
Target Compounds							
3)	L1 AR-1016-1	5.646	4.845	158390	87171	2.110	1.419 #
4)	L1 AR-1016-2	5.677	4.845f	438971	87171	4.103	0.993 #
5)	L1 AR-1016-3	5.735	5.062	378191	112128	5.768	2.353 #
6)	L1 AR-1016-4	5.830	5.062f	182768	112128	3.431	2.947
7)	L1 AR-1016-5	6.109	5.321	260585	422390	5.328	8.478 #
8)	L2 AR-1221-1	4.700	4.017	889389	360219	34.021	13.436 #
9)	L2 AR-1221-2	4.802	4.093	603170	1859450	29.568	90.551 #
10)	L2 AR-1221-3	4.849	4.172	904667	452004	14.953	7.676 #
11)	L3 AR-1232-1	4.849	4.172	904667	452004	19.204	10.428 #
12)	L3 AR-1232-2	5.422	4.845f	435733	87171	18.714	1.973 #
13)	L3 AR-1232-3	5.677	5.062	438971	112128	8.768	4.795 #
14)	L3 AR-1232-4	5.830	0.000	182768	0	7.282	N.D. #
15)	L3 AR-1232-5	5.949	5.321	675136	422390	38.536	18.242 #
16)	L4 AR-1242-1	5.646	4.845f	158390	87171	2.530	1.673 #
17)	L4 AR-1242-2	5.677	4.845f	438971	87171	5.058	1.186 #
18)	L4 AR-1242-3	5.735	5.062	378191	112128	6.868	2.866 #
19)	L4 AR-1242-4	5.830	0.000	182768	0	4.121	N.D. #
20)	L4 AR-1242-5	6.573	5.665	590406	566457	11.580	11.738
21)	L5 AR-1248-1	5.646	4.845f	158390	87171	3.273	2.012 #
22)	L5 AR-1248-2	5.949	5.062f	675136	112128	11.134	1.985 #
23)	L5 AR-1248-3	6.109	0.000	260585	0	3.938	N.D. #
24)	L5 AR-1248-4	6.533	5.321	508845	422390	5.823	6.064
25)	L5 AR-1248-5	6.573	5.728	590406	181723	7.111	2.606 #
26)	L6 AR-1254-1	6.512	5.665	627840	566457	7.300	5.667
27)	L6 AR-1254-2	6.710	5.848	347487	239838	2.659	2.779
28)	L6 AR-1254-3	7.084	6.237	260061	235796	1.970	1.833
29)	L6 AR-1254-4	7.370	6.465	254580	528649	1.951	6.198 #
30)	L6 AR-1254-5	7.776	6.894	77519	38733	0.697	0.342 #
31)	L7 AR-1260-1	7.239	6.350	157260	159342	1.680	1.998
32)	L7 AR-1260-2	7.512	6.537	285465	234639	1.989	2.313
33)	L7 AR-1260-3	7.890	6.713	552304	38643	4.850	0.445 #
34)	L7 AR-1260-4	8.092	7.176	207845	97995	1.937	1.359 #
35)	L7 AR-1260-5	8.389	7.408	177849	70742	0.751	0.407 #
36)	L8 AR-1262-1	8.092	6.910	207845	90175	1.560	0.798 #
37)	L8 AR-1262-2	8.425	7.176	137042	97995	0.503	1.009 #
38)	L8 AR-1262-3	8.672f	7.702	27031	134537	0.146	1.650 #
39)	L8 AR-1262-4	8.799	7.761	456016	98827	3.396	0.703 #
40)	L8 AR-1262-5	9.460	8.297	38224	114027	0.413	1.752 #
41)	L9 AR-1268-1	8.672f	7.702	27031	134537	0.081	0.574 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060525\
Data File : PP072660.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 13:30
Operator : YP\AJ
Sample : Q2207-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

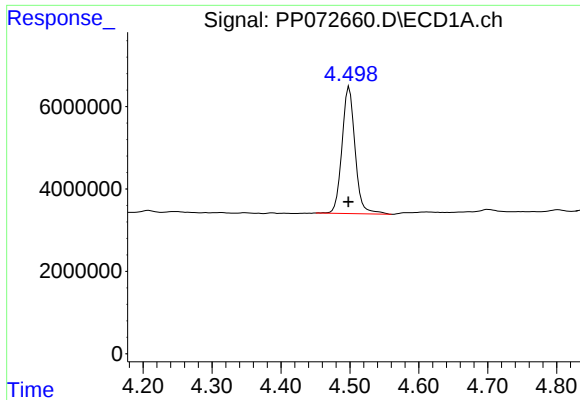
Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 13:57:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 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
42)	L9 AR-1268-2	8.799	7.761	456016	98827	1.629	0.478 #
43)	L9 AR-1268-3	9.036	7.978	487358	35362	2.018	0.209 #
44)	L9 AR-1268-4	9.460	8.297	38224	114027	0.364	1.563 #
45)	L9 AR-1268-5	9.859	8.559	149619	193536	0.221	0.424 #

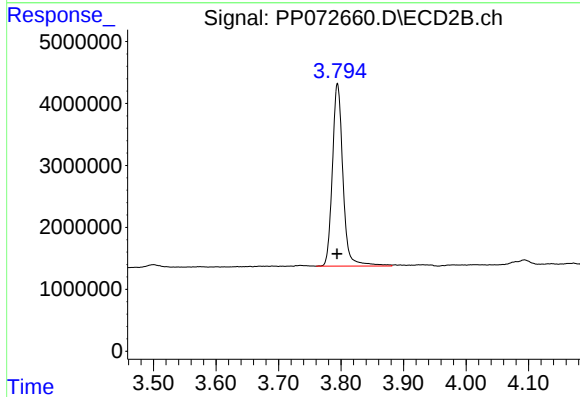
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

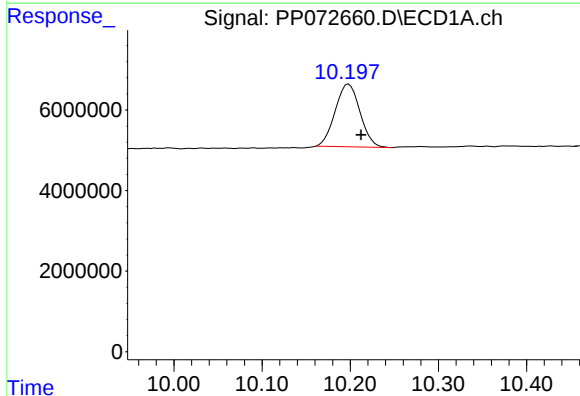
R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 40550489
Conc: 20.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



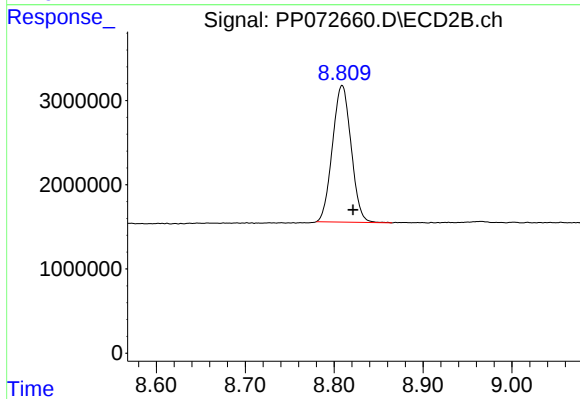
#1 Tetrachloro-m-xylene

R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 34616838
Conc: 21.66 ng/ml



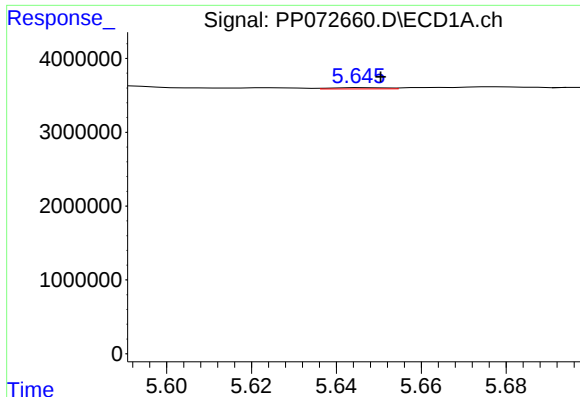
#2 Decachlorobiphenyl

R.T.: 10.198 min
Delta R.T.: -0.014 min
Response: 30489574
Conc: 18.72 ng/ml



#2 Decachlorobiphenyl

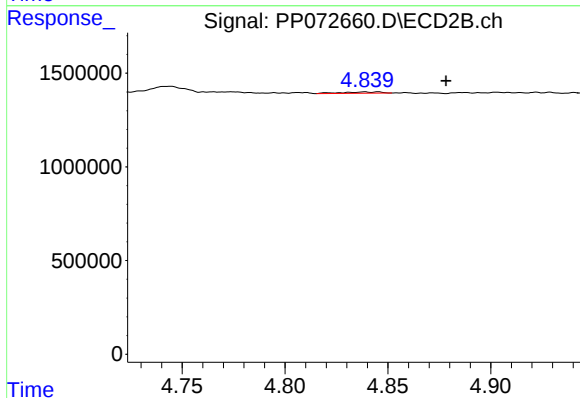
R.T.: 8.809 min
Delta R.T.: -0.012 min
Response: 23619160
Conc: 22.31 ng/ml



#3 AR-1016-1

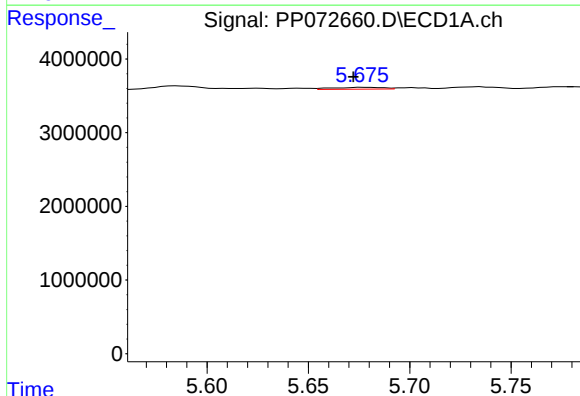
R.T.: 5.646 min
Delta R.T.: -0.004 min
Response: 158390
Conc: 2.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



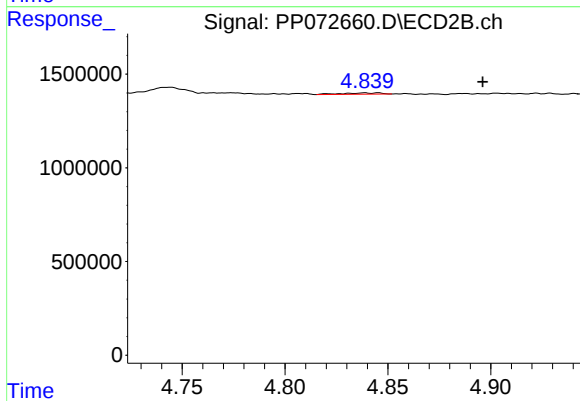
#3 AR-1016-1

R.T.: 4.845 min
Delta R.T.: -0.033 min
Response: 87171
Conc: 1.42 ng/ml



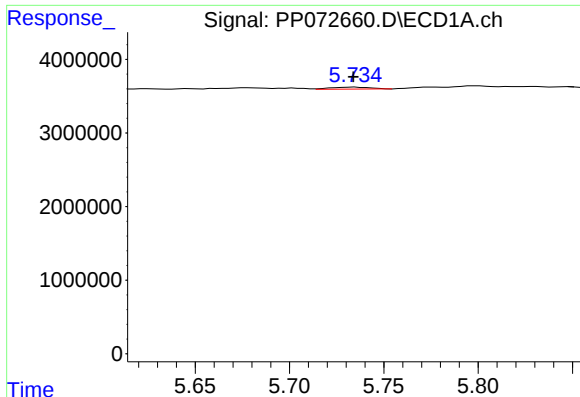
#4 AR-1016-2

R.T.: 5.677 min
Delta R.T.: 0.005 min
Response: 438971
Conc: 4.10 ng/ml



#4 AR-1016-2

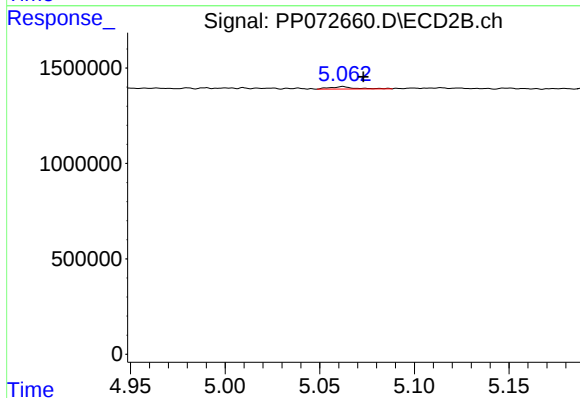
R.T.: 4.845 min
Delta R.T.: -0.051 min
Response: 87171
Conc: 0.99 ng/ml



#5 AR-1016-3

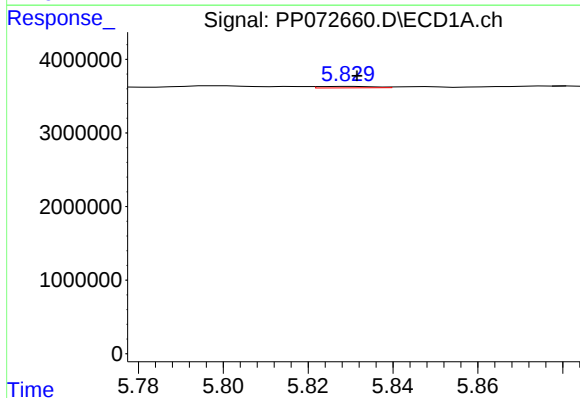
R.T.: 5.735 min
Delta R.T.: 0.001 min
Response: 378191
Conc: 5.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



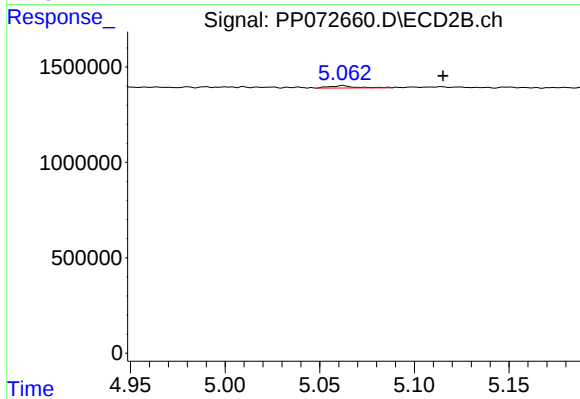
#5 AR-1016-3

R.T.: 5.062 min
Delta R.T.: -0.011 min
Response: 112128
Conc: 2.35 ng/ml



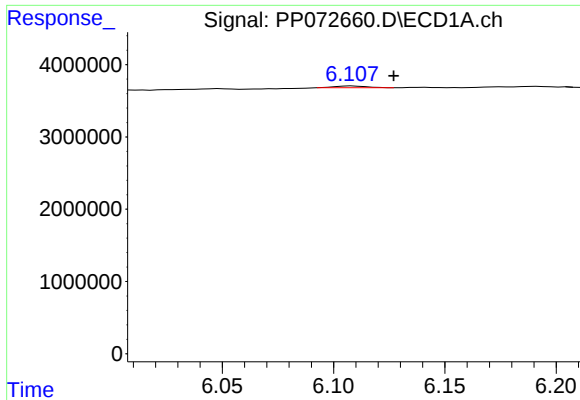
#6 AR-1016-4

R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 182768
Conc: 3.43 ng/ml



#6 AR-1016-4

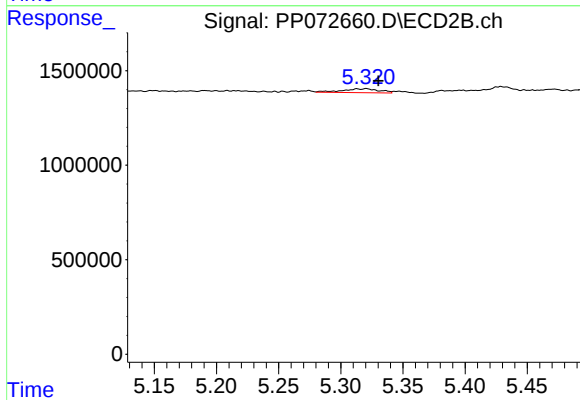
R.T.: 5.062 min
Delta R.T.: -0.053 min
Response: 112128
Conc: 2.95 ng/ml



#7 AR-1016-5

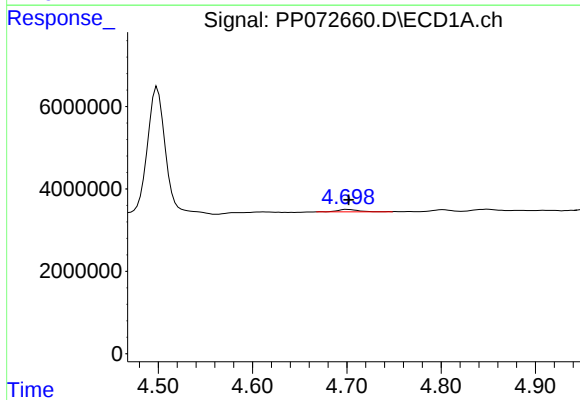
R.T.: 6.109 min
Delta R.T.: -0.018 min
Response: 260585
Conc: 5.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



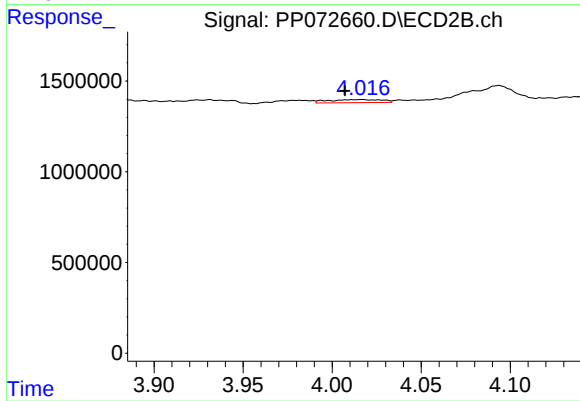
#7 AR-1016-5

R.T.: 5.321 min
Delta R.T.: -0.010 min
Response: 422390
Conc: 8.48 ng/ml



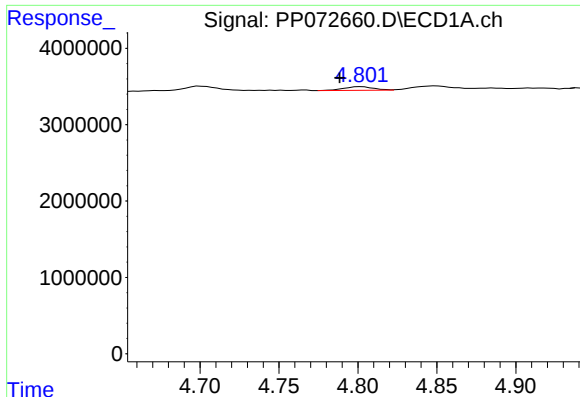
#8 AR-1221-1

R.T.: 4.700 min
Delta R.T.: -0.002 min
Response: 889389
Conc: 34.02 ng/ml



#8 AR-1221-1

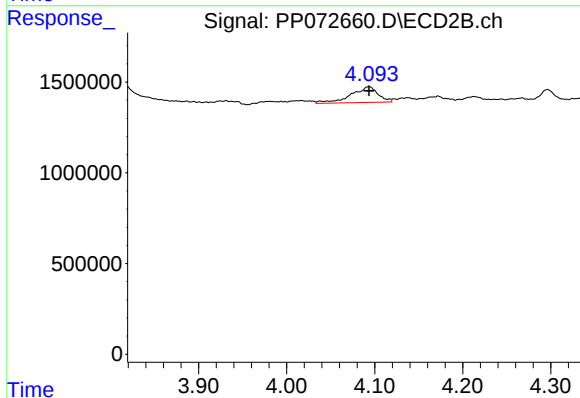
R.T.: 4.017 min
Delta R.T.: 0.009 min
Response: 360219
Conc: 13.44 ng/ml



#9 AR-1221-2

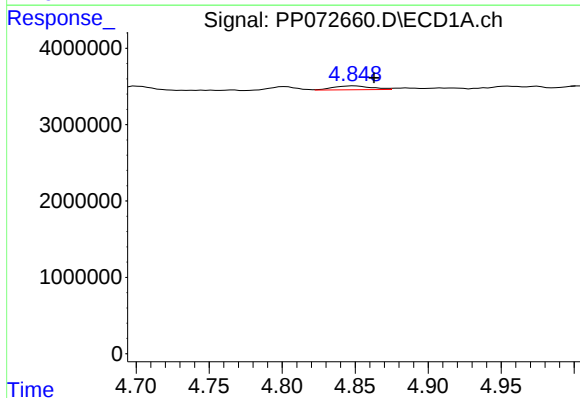
R.T.: 4.802 min
Delta R.T.: 0.014 min
Response: 603170
Conc: 29.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



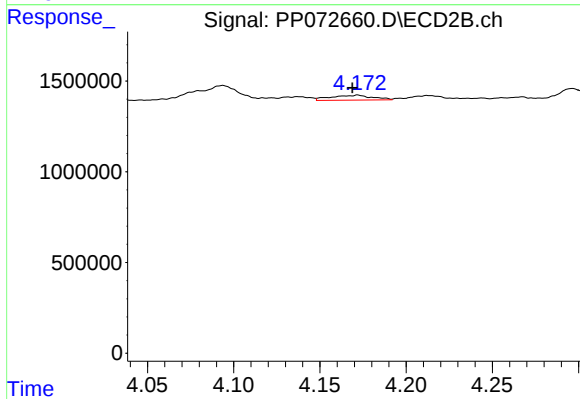
#9 AR-1221-2

R.T.: 4.093 min
Delta R.T.: 0.000 min
Response: 1859450
Conc: 90.55 ng/ml



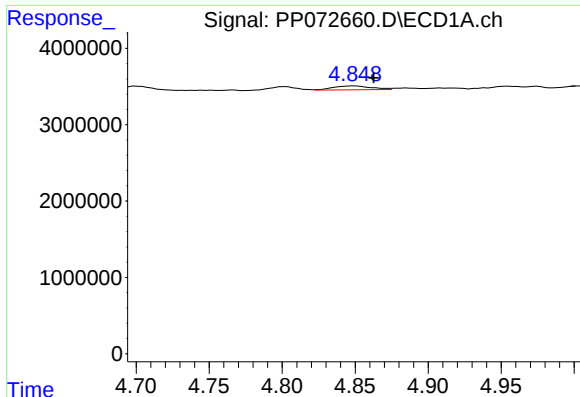
#10 AR-1221-3

R.T.: 4.849 min
Delta R.T.: -0.014 min
Response: 904667
Conc: 14.95 ng/ml



#10 AR-1221-3

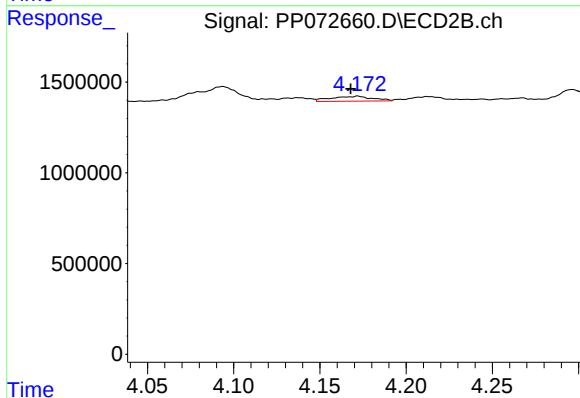
R.T.: 4.172 min
Delta R.T.: 0.003 min
Response: 452004
Conc: 7.68 ng/ml



#11 AR-1232-1

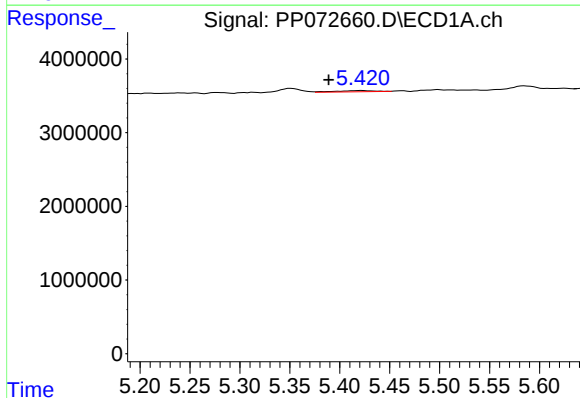
R.T.: 4.849 min
Delta R.T.: -0.013 min
Response: 904667
Conc: 19.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



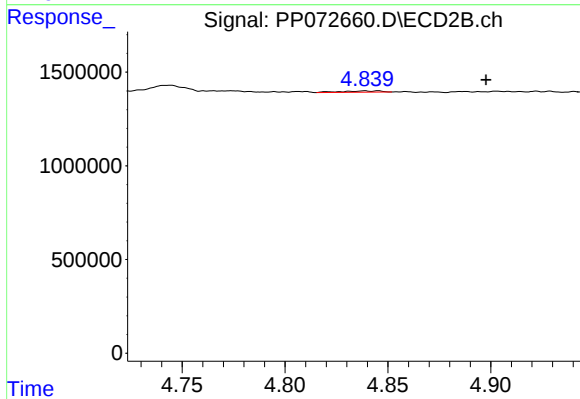
#11 AR-1232-1

R.T.: 4.172 min
Delta R.T.: 0.004 min
Response: 452004
Conc: 10.43 ng/ml



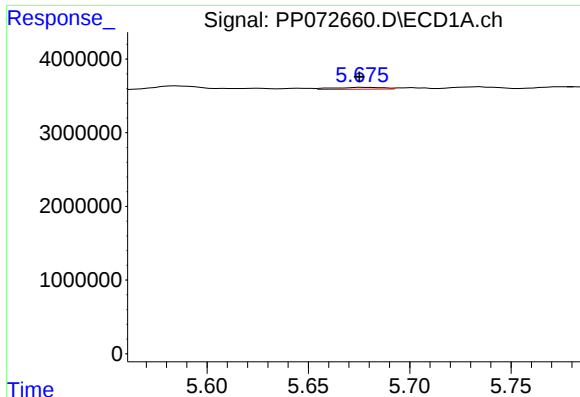
#12 AR-1232-2

R.T.: 5.422 min
Delta R.T.: 0.033 min
Response: 435733
Conc: 18.71 ng/ml



#12 AR-1232-2

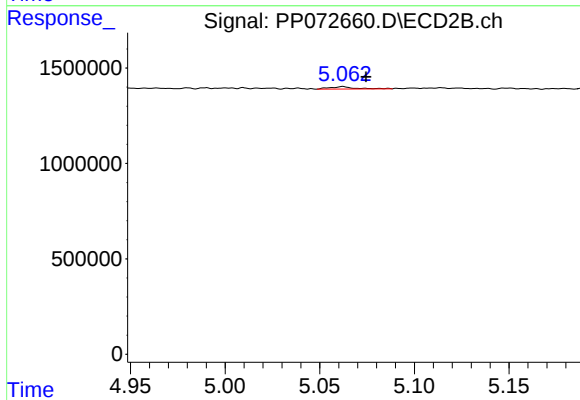
R.T.: 4.845 min
Delta R.T.: -0.052 min
Response: 87171
Conc: 1.97 ng/ml



#13 AR-1232-3

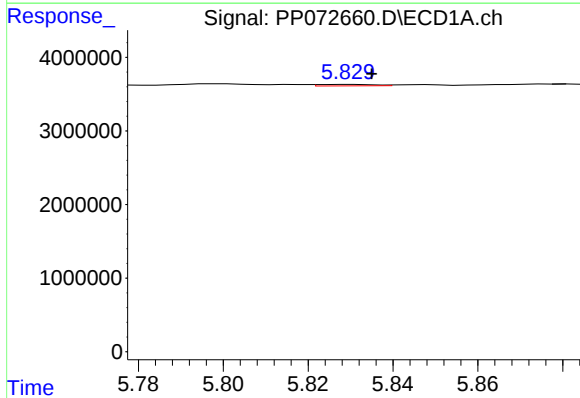
R.T.: 5.677 min
Delta R.T.: 0.002 min
Response: 438971
Conc: 8.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



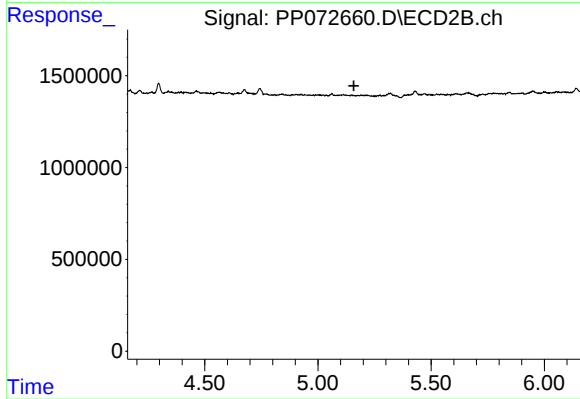
#13 AR-1232-3

R.T.: 5.062 min
Delta R.T.: -0.012 min
Response: 112128
Conc: 4.80 ng/ml



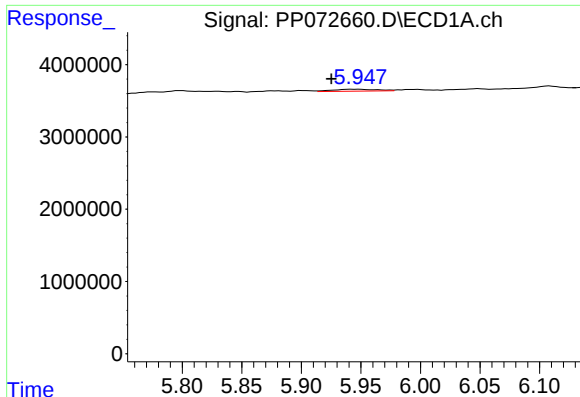
#14 AR-1232-4

R.T.: 5.830 min
Delta R.T.: -0.005 min
Response: 182768
Conc: 7.28 ng/ml



#14 AR-1232-4

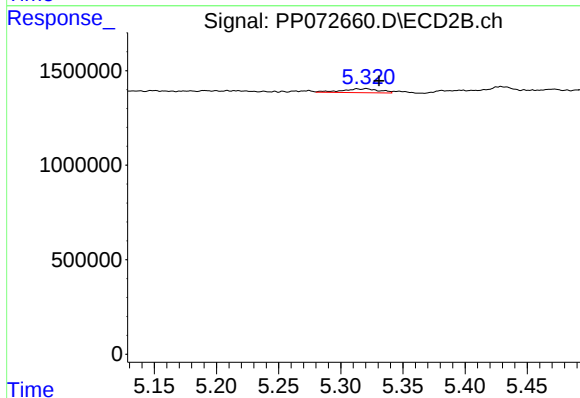
R.T.: 0.000 min
Exp R.T.: 5.159 min
Response: 0
Conc: N.D.



#15 AR-1232-5

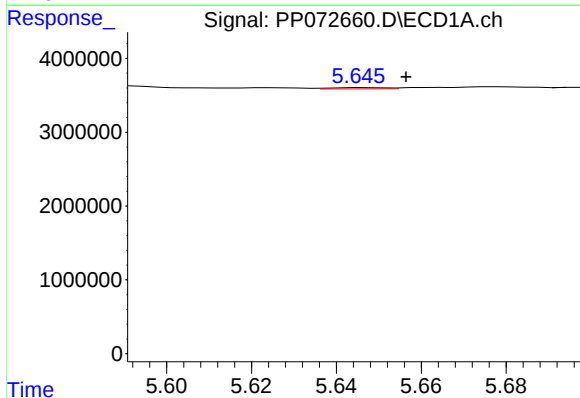
R.T.: 5.949 min
Delta R.T.: 0.024 min
Response: 675136
Conc: 38.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



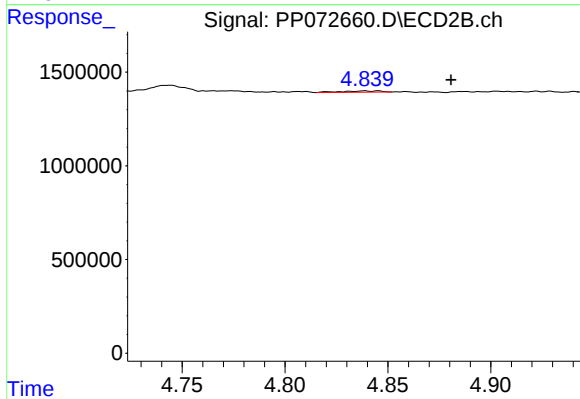
#15 AR-1232-5

R.T.: 5.321 min
Delta R.T.: -0.010 min
Response: 422390
Conc: 18.24 ng/ml



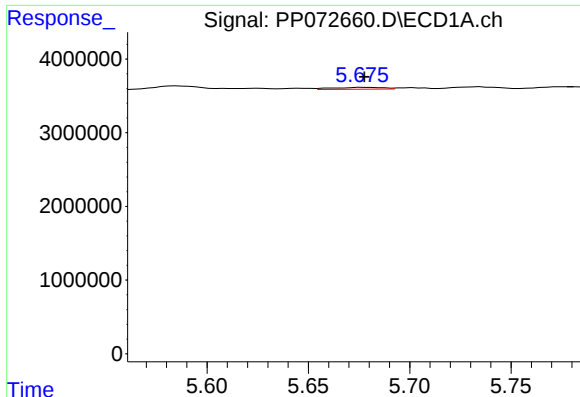
#16 AR-1242-1

R.T.: 5.646 min
Delta R.T.: -0.010 min
Response: 158390
Conc: 2.53 ng/ml



#16 AR-1242-1

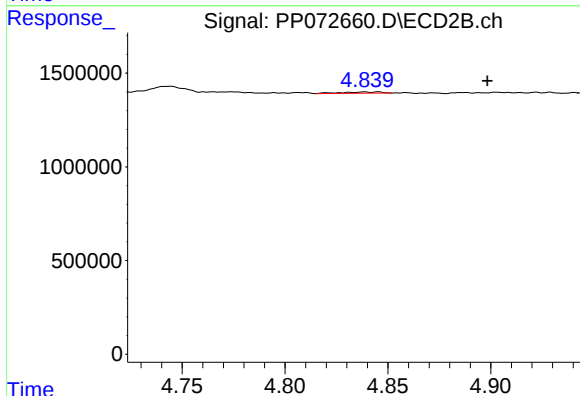
R.T.: 4.845 min
Delta R.T.: -0.035 min
Response: 87171
Conc: 1.67 ng/ml



#17 AR-1242-2

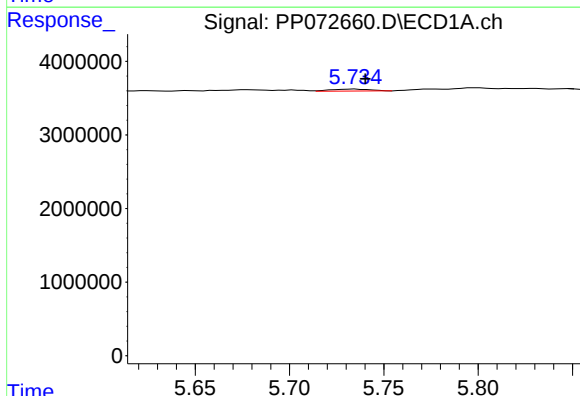
R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 438971
Conc: 5.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



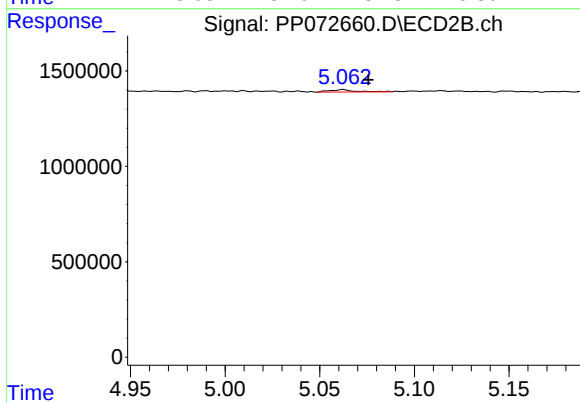
#17 AR-1242-2

R.T.: 4.845 min
Delta R.T.: -0.053 min
Response: 87171
Conc: 1.19 ng/ml



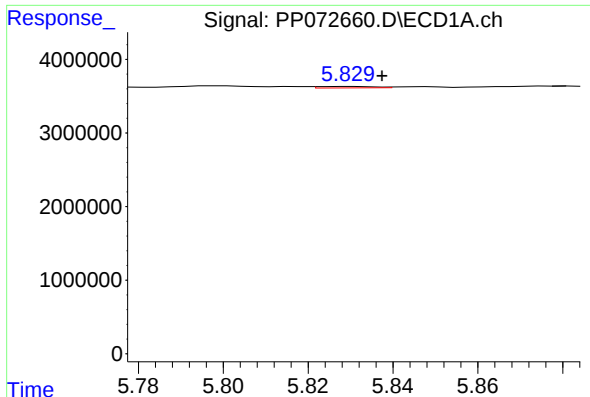
#18 AR-1242-3

R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: 378191
Conc: 6.87 ng/ml



#18 AR-1242-3

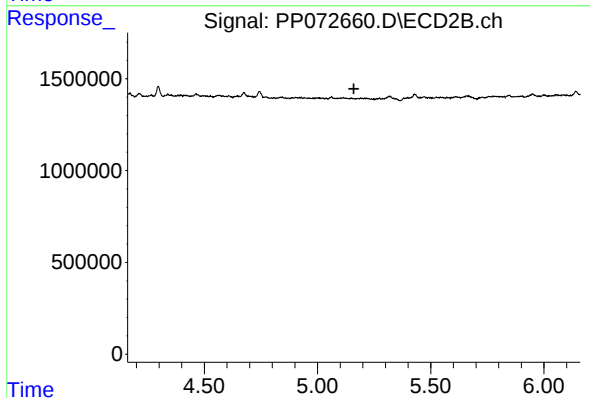
R.T.: 5.062 min
Delta R.T.: -0.013 min
Response: 112128
Conc: 2.87 ng/ml



#19 AR-1242-4

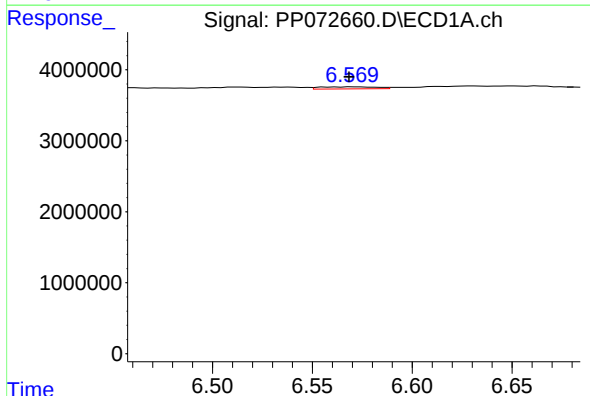
R.T.: 5.830 min
Delta R.T.: -0.007 min
Response: 182768
Conc: 4.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



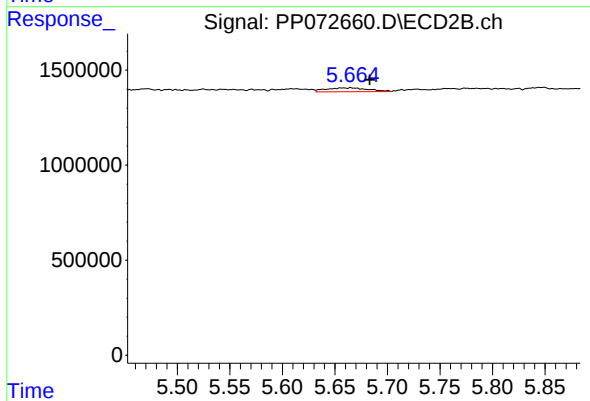
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



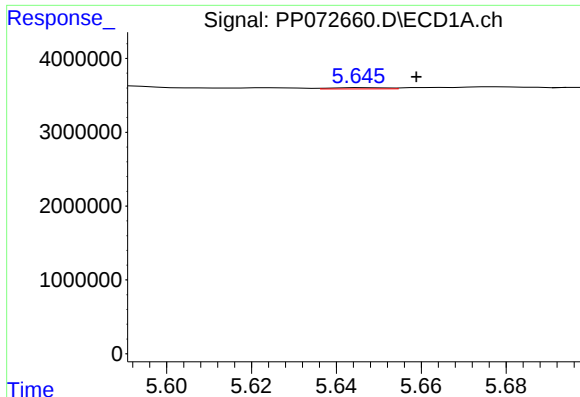
#20 AR-1242-5

R.T.: 6.573 min
Delta R.T.: 0.005 min
Response: 590406
Conc: 11.58 ng/ml



#20 AR-1242-5

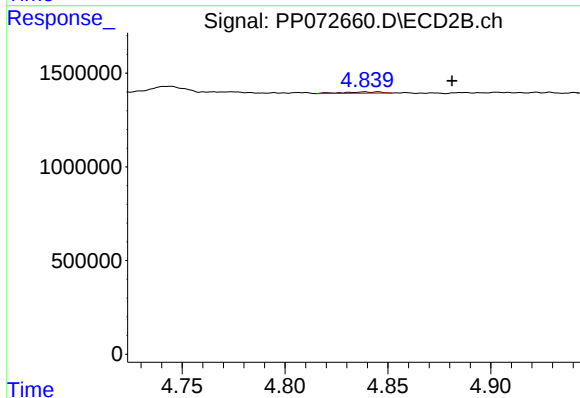
R.T.: 5.665 min
Delta R.T.: -0.018 min
Response: 566457
Conc: 11.74 ng/ml



#21 AR-1248-1

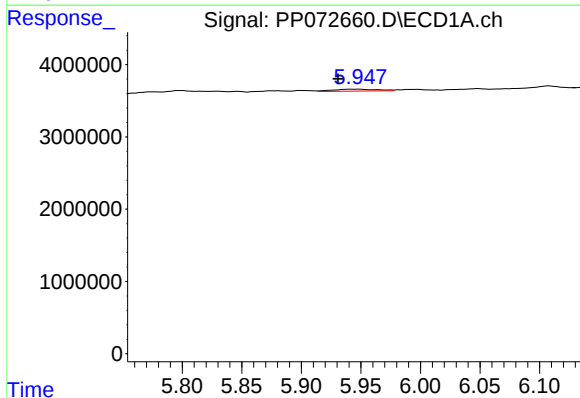
R.T.: 5.646 min
Delta R.T.: -0.013 min
Response: 158390
Conc: 3.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



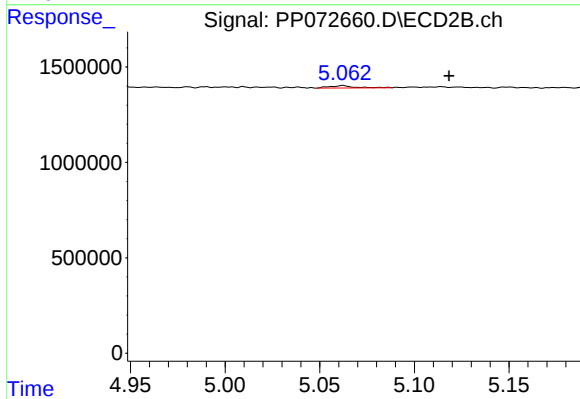
#21 AR-1248-1

R.T.: 4.845 min
Delta R.T.: -0.036 min
Response: 87171
Conc: 2.01 ng/ml



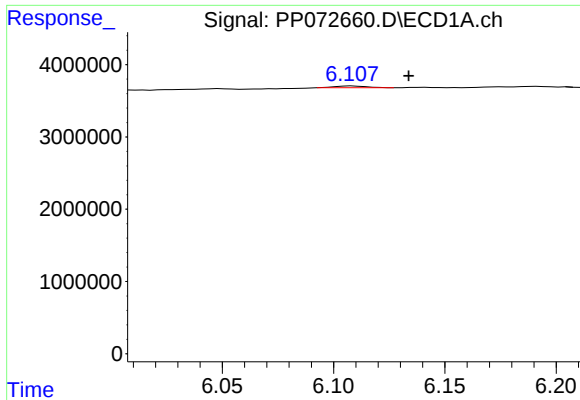
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: 0.019 min
Response: 675136
Conc: 11.13 ng/ml



#22 AR-1248-2

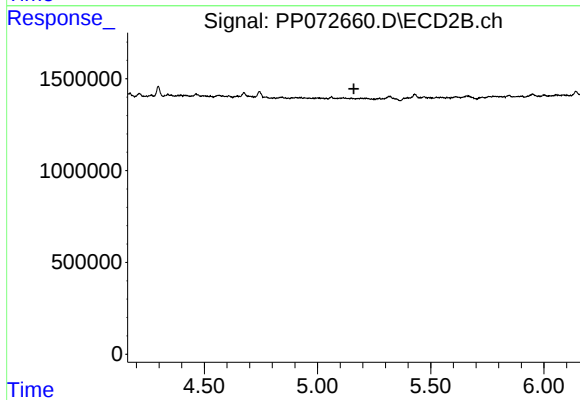
R.T.: 5.062 min
Delta R.T.: -0.056 min
Response: 112128
Conc: 1.99 ng/ml



#23 AR-1248-3

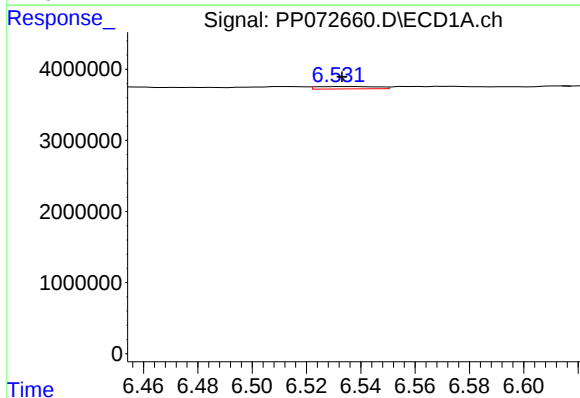
R.T.: 6.109 min
Delta R.T.: -0.025 min
Response: 260585
Conc: 3.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



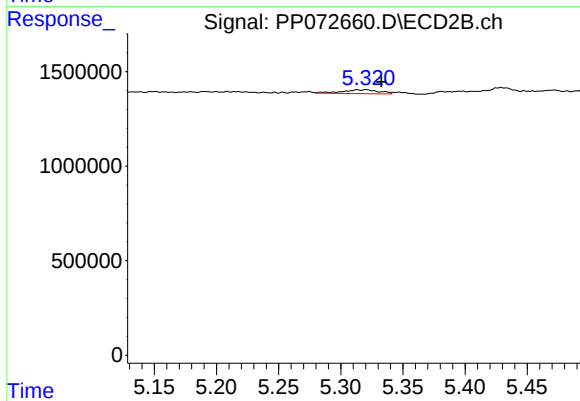
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



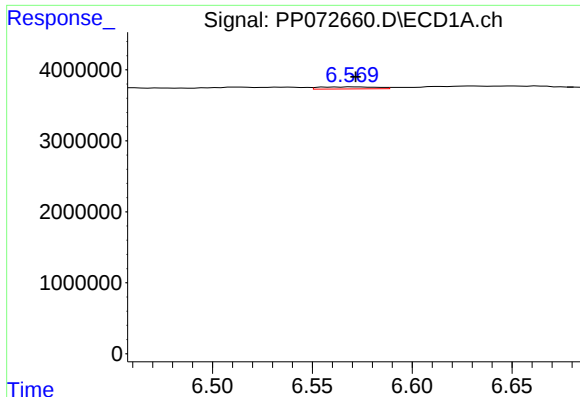
#24 AR-1248-4

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 508845
Conc: 5.82 ng/ml



#24 AR-1248-4

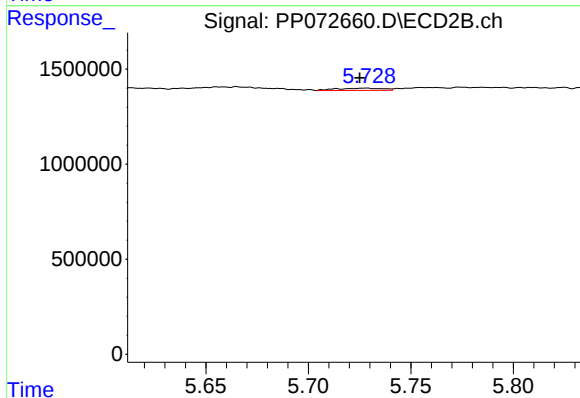
R.T.: 5.321 min
Delta R.T.: -0.012 min
Response: 422390
Conc: 6.06 ng/ml



#25 AR-1248-5

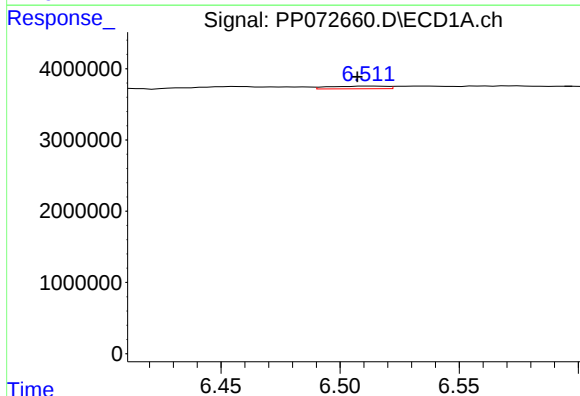
R.T.: 6.573 min
Delta R.T.: 0.001 min
Response: 590406
Conc: 7.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



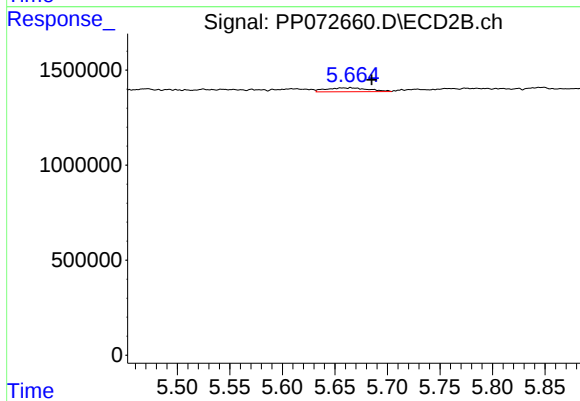
#25 AR-1248-5

R.T.: 5.728 min
Delta R.T.: 0.003 min
Response: 181723
Conc: 2.61 ng/ml



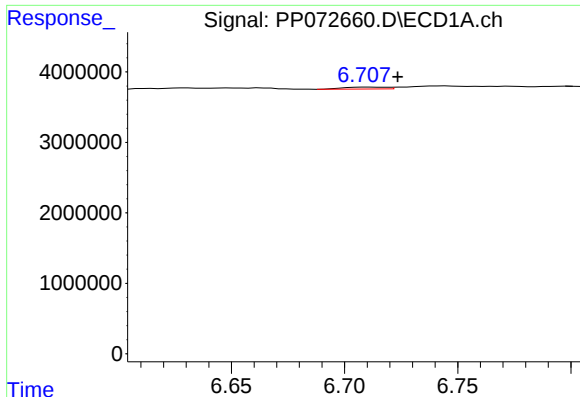
#26 AR-1254-1

R.T.: 6.512 min
Delta R.T.: 0.005 min
Response: 627840
Conc: 7.30 ng/ml



#26 AR-1254-1

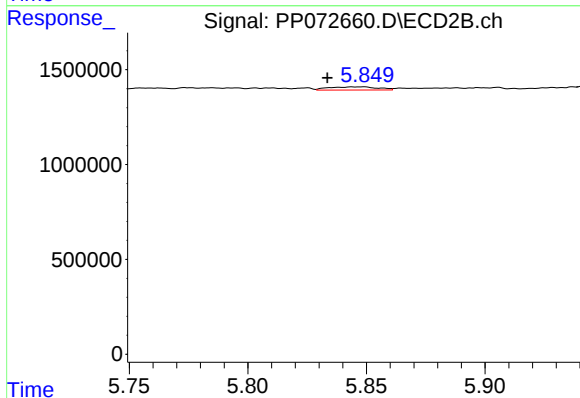
R.T.: 5.665 min
Delta R.T.: -0.020 min
Response: 566457
Conc: 5.67 ng/ml



#27 AR-1254-2

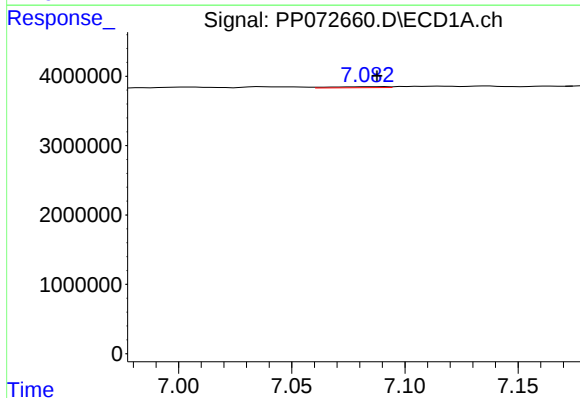
R.T.: 6.710 min
Delta R.T.: -0.014 min
Response: 347487
Conc: 2.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



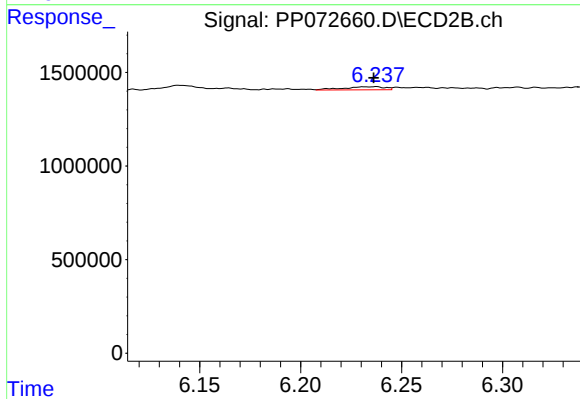
#27 AR-1254-2

R.T.: 5.848 min
Delta R.T.: 0.015 min
Response: 239838
Conc: 2.78 ng/ml



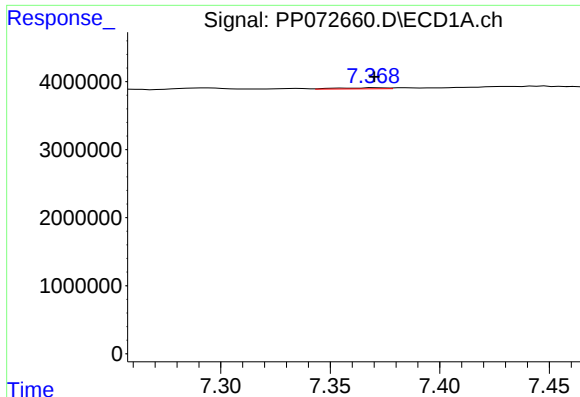
#28 AR-1254-3

R.T.: 7.084 min
Delta R.T.: -0.003 min
Response: 260061
Conc: 1.97 ng/ml



#28 AR-1254-3

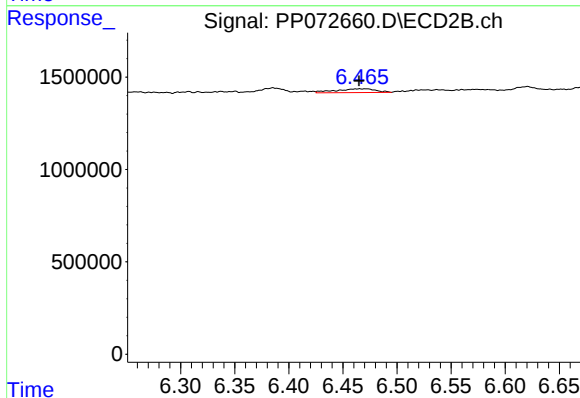
R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 235796
Conc: 1.83 ng/ml



#29 AR-1254-4

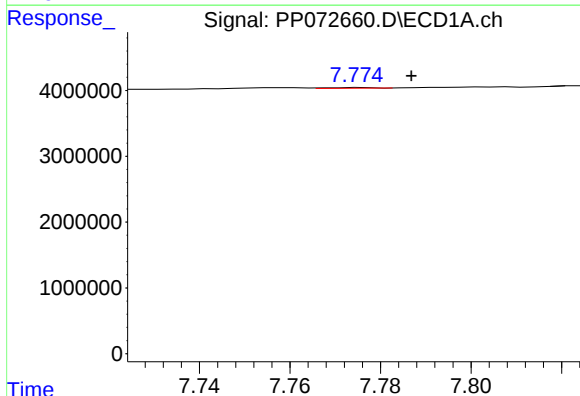
R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 254580
Conc: 1.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



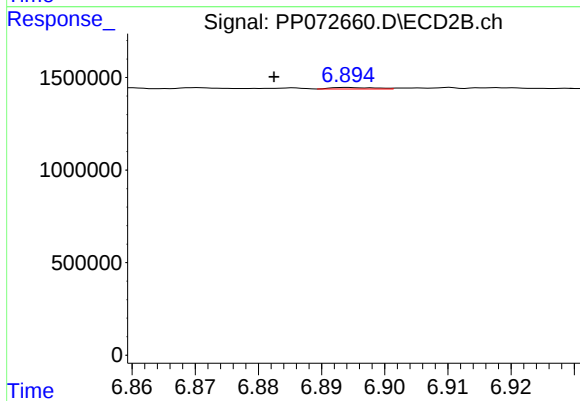
#29 AR-1254-4

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 528649
Conc: 6.20 ng/ml



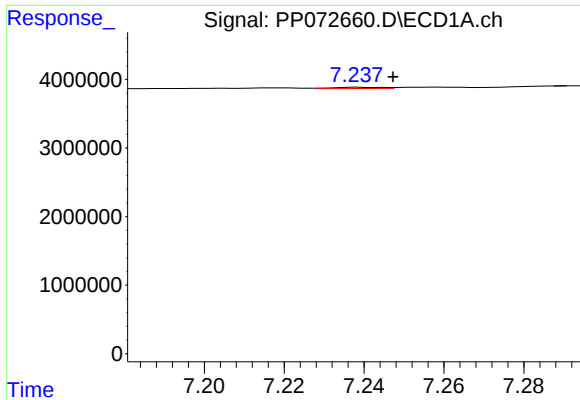
#30 AR-1254-5

R.T.: 7.776 min
Delta R.T.: -0.011 min
Response: 77519
Conc: 0.70 ng/ml



#30 AR-1254-5

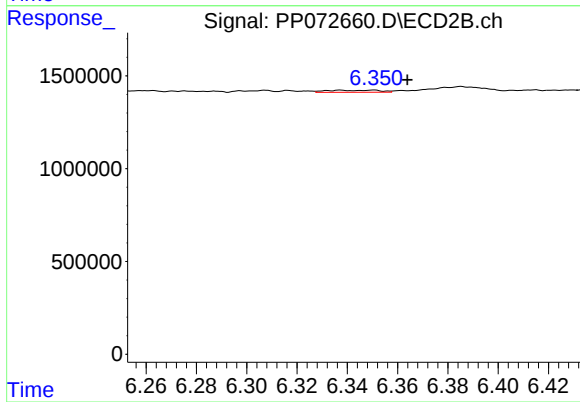
R.T.: 6.894 min
Delta R.T.: 0.012 min
Response: 38733
Conc: 0.34 ng/ml



#31 AR-1260-1

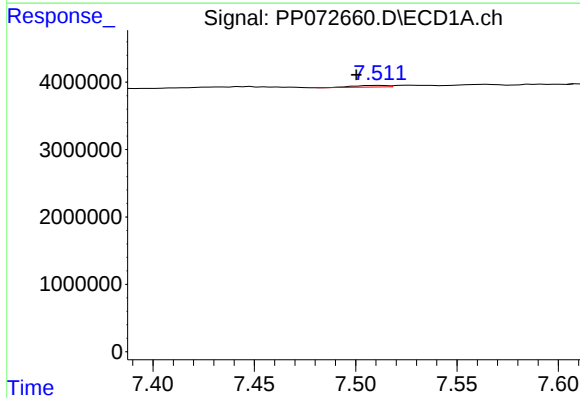
R.T.: 7.239 min
Delta R.T.: -0.008 min
Response: 157260
Conc: 1.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



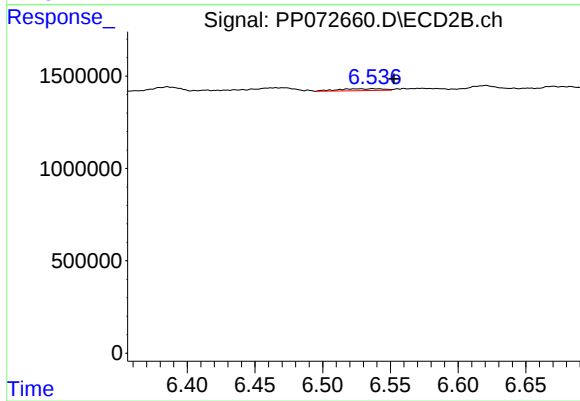
#31 AR-1260-1

R.T.: 6.350 min
Delta R.T.: -0.014 min
Response: 159342
Conc: 2.00 ng/ml



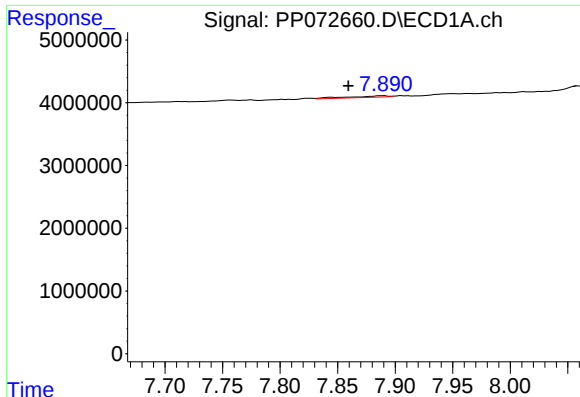
#32 AR-1260-2

R.T.: 7.512 min
Delta R.T.: 0.012 min
Response: 285465
Conc: 1.99 ng/ml



#32 AR-1260-2

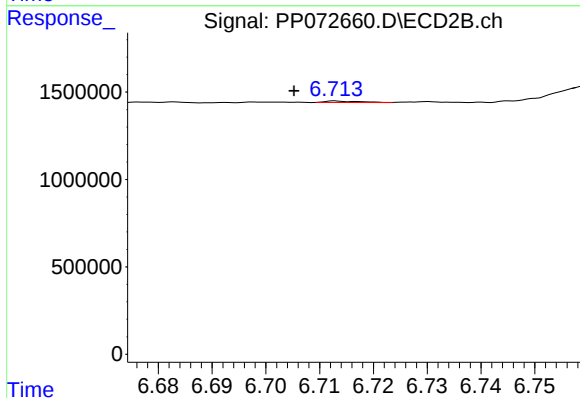
R.T.: 6.537 min
Delta R.T.: -0.016 min
Response: 234639
Conc: 2.31 ng/ml



#33 AR-1260-3

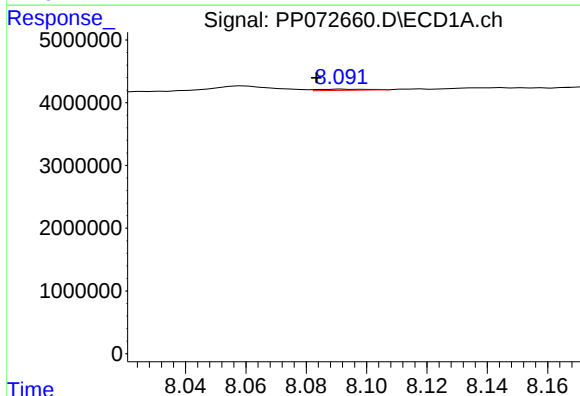
R.T.: 7.890 min
Delta R.T.: 0.030 min
Response: 552304
Conc: 4.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



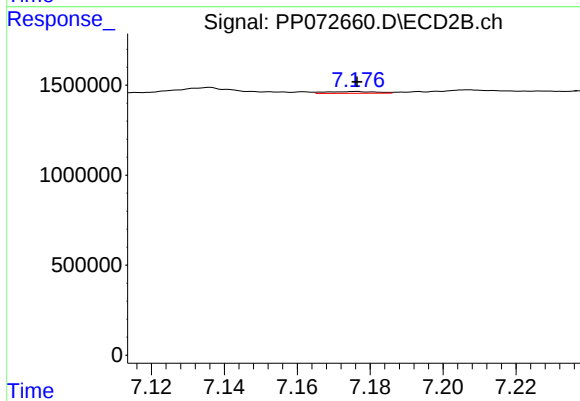
#33 AR-1260-3

R.T.: 6.713 min
Delta R.T.: 0.008 min
Response: 38643
Conc: 0.44 ng/ml



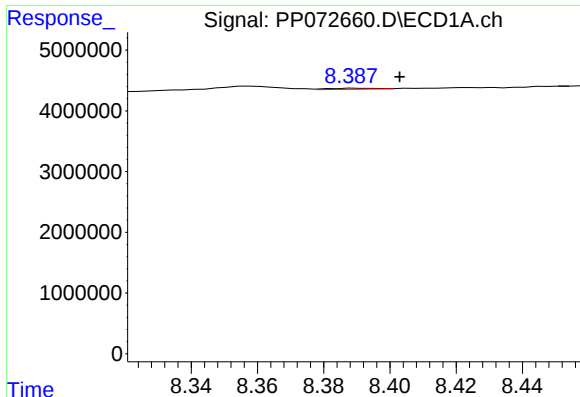
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: 0.009 min
Response: 207845
Conc: 1.94 ng/ml



#34 AR-1260-4

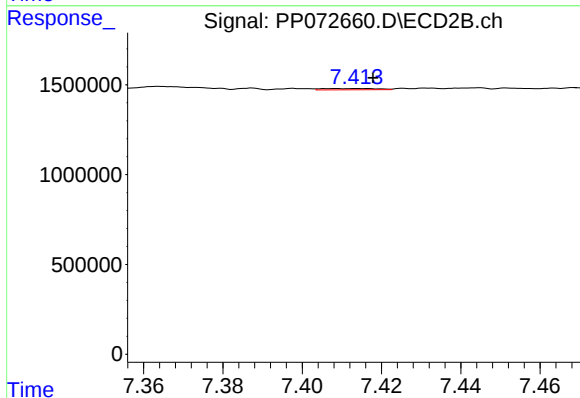
R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 97995
Conc: 1.36 ng/ml



#35 AR-1260-5

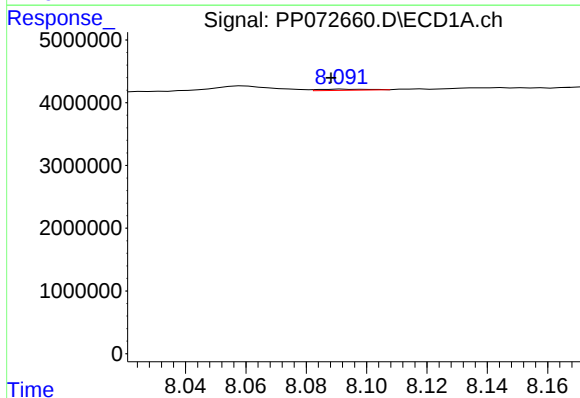
R.T.: 8.389 min
Delta R.T.: -0.013 min
Response: 177849
Conc: 0.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



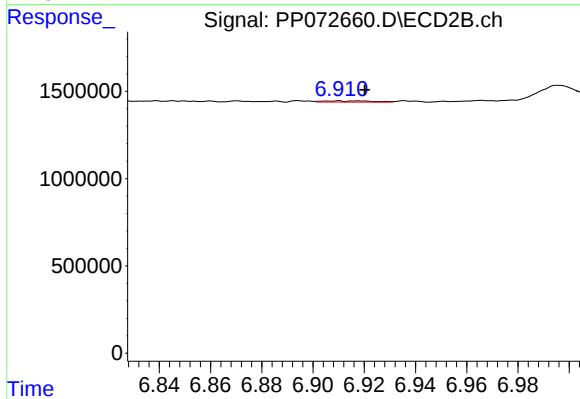
#35 AR-1260-5

R.T.: 7.408 min
Delta R.T.: -0.010 min
Response: 70742
Conc: 0.41 ng/ml



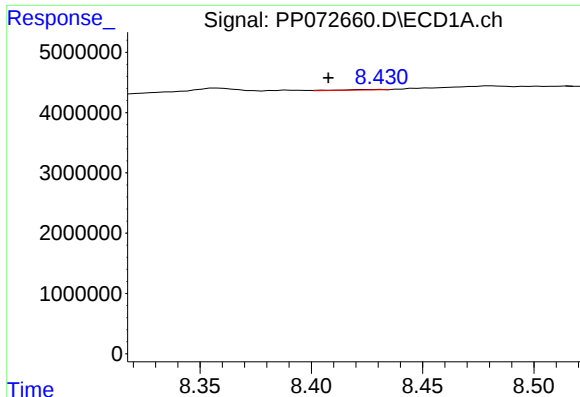
#36 AR-1262-1

R.T.: 8.092 min
Delta R.T.: 0.004 min
Response: 207845
Conc: 1.56 ng/ml



#36 AR-1262-1

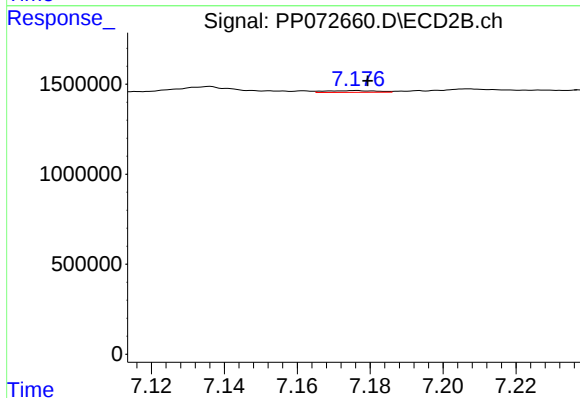
R.T.: 6.910 min
Delta R.T.: -0.010 min
Response: 90175
Conc: 0.80 ng/ml



#37 AR-1262-2

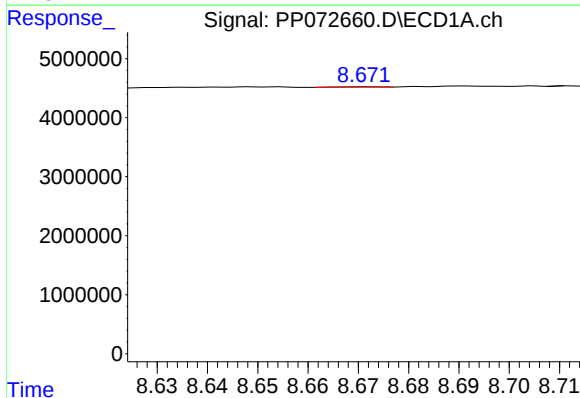
R.T.: 8.425 min
Delta R.T.: 0.017 min
Response: 137042
Conc: 0.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



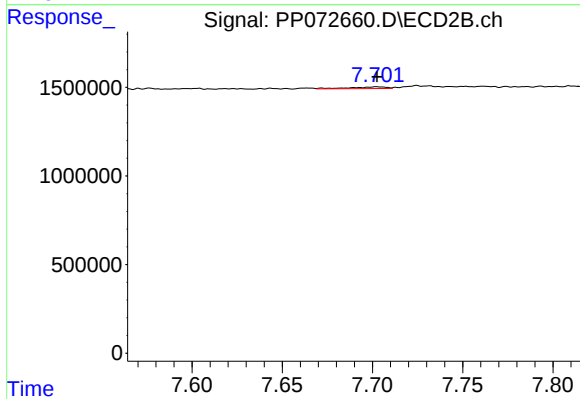
#37 AR-1262-2

R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 97995
Conc: 1.01 ng/ml



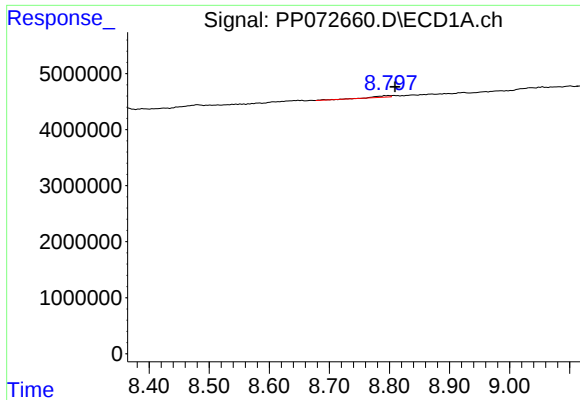
#38 AR-1262-3

R.T.: 8.672 min
Delta R.T.: -0.052 min
Response: 27031
Conc: 0.15 ng/ml



#38 AR-1262-3

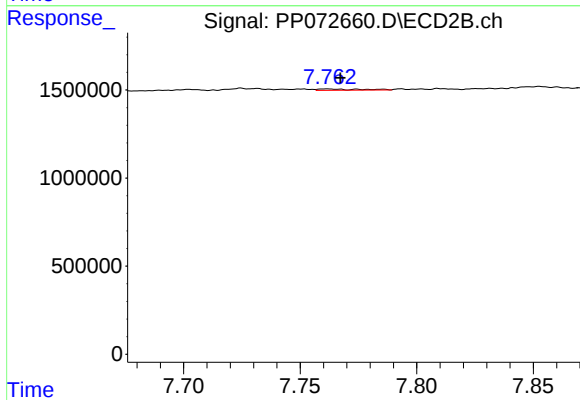
R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 134537
Conc: 1.65 ng/ml



#39 AR-1262-4

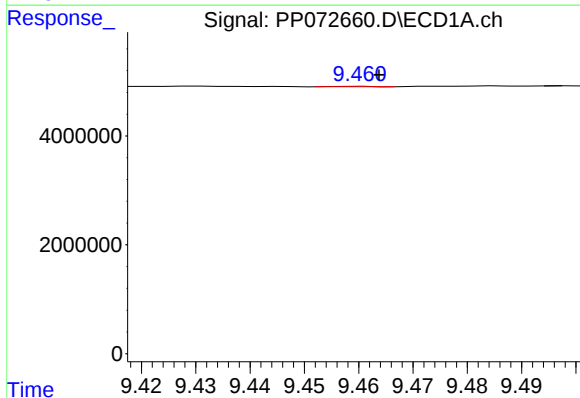
R.T.: 8.799 min
Delta R.T.: -0.010 min
Response: 456016
Conc: 3.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



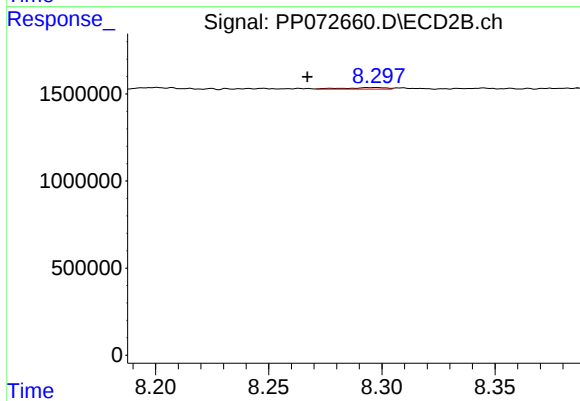
#39 AR-1262-4

R.T.: 7.761 min
Delta R.T.: -0.006 min
Response: 98827
Conc: 0.70 ng/ml



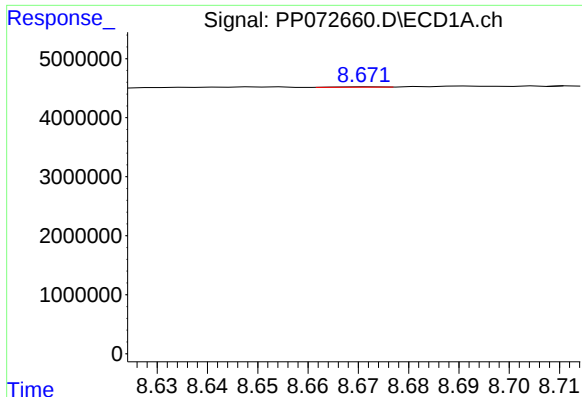
#40 AR-1262-5

R.T.: 9.460 min
Delta R.T.: -0.003 min
Response: 38224
Conc: 0.41 ng/ml



#40 AR-1262-5

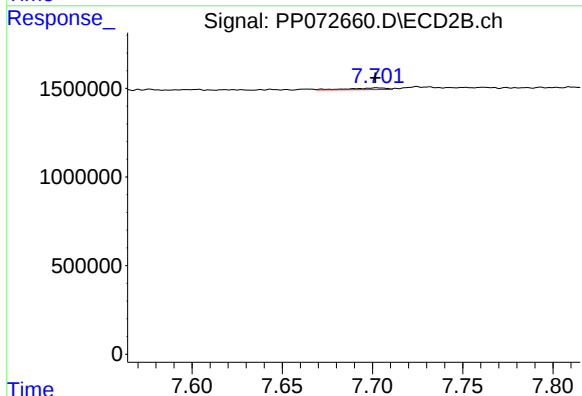
R.T.: 8.297 min
Delta R.T.: 0.030 min
Response: 114027
Conc: 1.75 ng/ml



#41 AR-1268-1

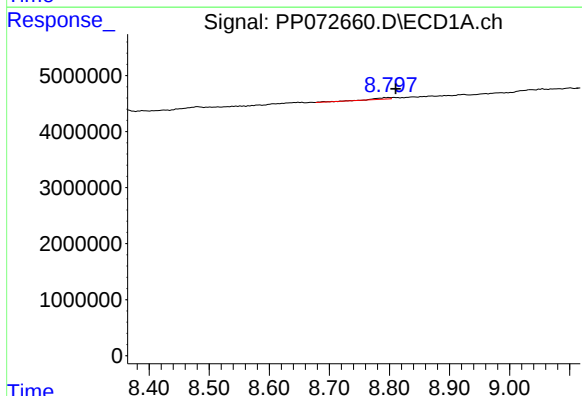
R.T.: 8.672 min
Delta R.T.: -0.046 min
Response: 27031
Conc: 0.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



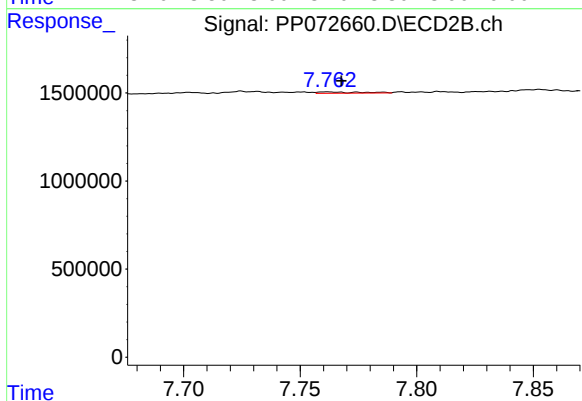
#41 AR-1268-1

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 134537
Conc: 0.57 ng/ml



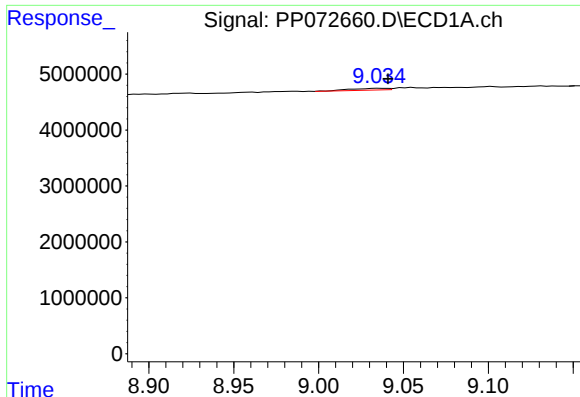
#42 AR-1268-2

R.T.: 8.799 min
Delta R.T.: -0.012 min
Response: 456016
Conc: 1.63 ng/ml



#42 AR-1268-2

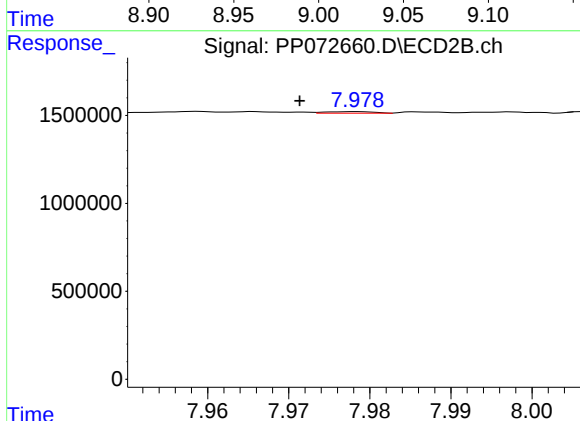
R.T.: 7.761 min
Delta R.T.: -0.006 min
Response: 98827
Conc: 0.48 ng/ml



#43 AR-1268-3

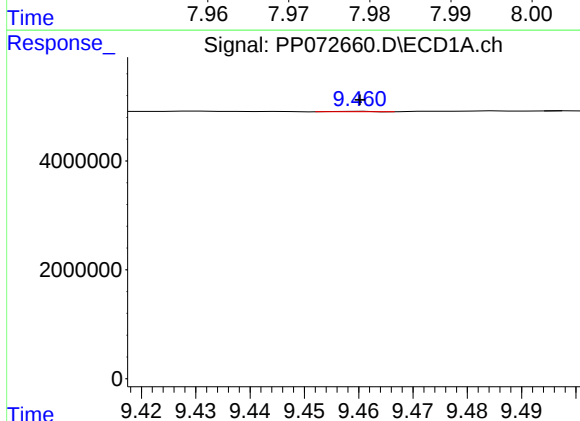
R.T.: 9.036 min
Delta R.T.: -0.005 min
Response: 487358
Conc: 2.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



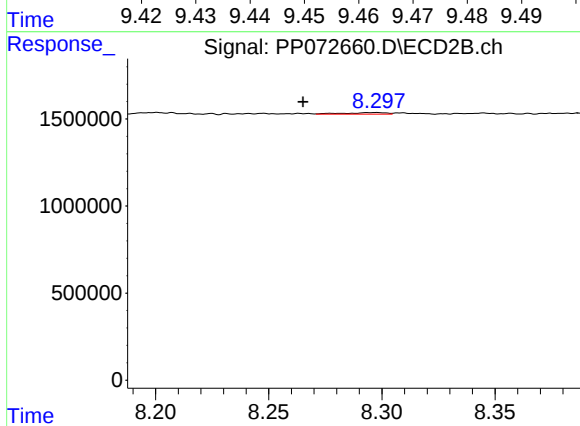
#43 AR-1268-3

R.T.: 7.978 min
Delta R.T.: 0.007 min
Response: 35362
Conc: 0.21 ng/ml



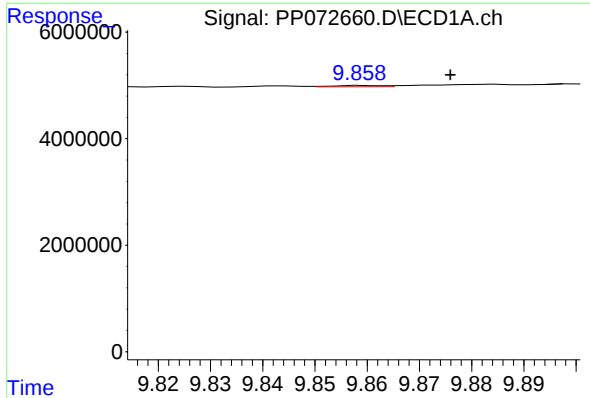
#44 AR-1268-4

R.T.: 9.460 min
Delta R.T.: 0.000 min
Response: 38224
Conc: 0.36 ng/ml



#44 AR-1268-4

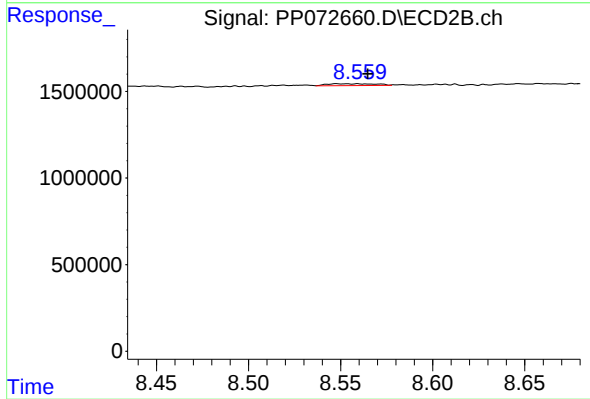
R.T.: 8.297 min
Delta R.T.: 0.032 min
Response: 114027
Conc: 1.56 ng/ml



#45 AR-1268-5

R.T.: 9.859 min
Delta R.T.: -0.017 min
Response: 149619
Conc: 0.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
BU-703-COMP-02



#45 AR-1268-5

R.T.: 8.559 min
Delta R.T.: -0.005 min
Response: 193536
Conc: 0.42 ng/ml