

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011023\
 Data File : PP054385.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2023 14:43
 Operator : YP\AJ
 Sample : 01064-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 S4-02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 20:50:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 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...	4.336	3.586	43300411	31746241	21.382	19.682
2)	SA Decachlor...	10.098	8.608	20409743	24350528	14.211	17.262
Target Compounds							
3)	L1 AR-1016-1	5.499	4.676	728386	114099	9.857	2.193 #
4)	L1 AR-1016-2	5.536	4.676f	479840	114099	4.496	1.593 #
5)	L1 AR-1016-3	5.582	4.869	641929	178352	9.383	4.547 #
6)	L1 AR-1016-4	5.712f	0.000	144284	0	2.771	N.D. #
7)	L1 AR-1016-5	5.992	5.111f	54959	286803	1.214	6.523 #
8)	L2 AR-1221-1	4.543	3.788	33454507	275895	1391.375	14.438 #
9)	L2 AR-1221-2	4.642	3.867f	820837	16929346	46.331	1148.157 #
10)	L2 AR-1221-3	4.711	0.000	36091	0	0.670	N.D. #
11)	L3 AR-1232-1	4.711	0.000	36091	0	0.802	N.D. #
12)	L3 AR-1232-2	0.000	4.676f	0	114099	N.D.	2.129 #
13)	L3 AR-1232-3	5.536	4.869	479840	178352	10.431	10.742
14)	L3 AR-1232-4	5.712f	4.958	144284	82338	6.443	4.908
15)	L3 AR-1232-5	5.787	5.111f	263947	286803	14.832	15.885
16)	L4 AR-1242-1	5.499	4.676	728386	114099	12.267	2.703 #
17)	L4 AR-1242-2	5.536	4.676f	479840	114099	5.613	1.960 #
18)	L4 AR-1242-3	5.582	4.869	641929	178352	11.749	5.577 #
19)	L4 AR-1242-4	5.712f	4.958	144284	82338	3.443	2.360 #
20)	L4 AR-1242-5	6.431	5.475	37684	132490	1.148	3.521 #
21)	L5 AR-1248-1	5.499	4.676	728386	114099	16.224	3.508 #
22)	L5 AR-1248-2	5.787	0.000	263947	0	4.154	N.D. #
23)	L5 AR-1248-3	5.992	4.958	54959	82338	0.927	1.596 #
24)	L5 AR-1248-4	6.419f	5.111f	92125	286803	1.590	4.860 #
25)	L5 AR-1248-5	6.431	5.500f	37684	31778	0.679	0.641
26)	L6 AR-1254-1	6.369	5.475	150525	132490	2.423	1.545 #
27)	L6 AR-1254-2	6.594	5.657f	37076	329875	0.395	4.440 #
28)	L6 AR-1254-3	0.000	6.043	0	477872	N.D.	4.117 #
29)	L6 AR-1254-4	7.215f	0.000	46276	0	0.682	N.D. #
30)	L6 AR-1254-5	7.691f	6.678	506076	309062	6.657	3.232 #
31)	L7 AR-1260-1	7.112	6.166	21065	174440	0.270	2.059 #
32)	L7 AR-1260-2	7.379	6.349	132154	425788	1.475	4.452 #
33)	L7 AR-1260-3	7.731	6.500	27099	125031	0.397	1.368 #
34)	L7 AR-1260-4	7.956	6.975	480079	-26296	6.026	N.D. #
35)	L7 AR-1260-5	8.285	7.220	88806	211436	0.619	1.335 #
36)	L8 AR-1262-1	7.731	6.769	27099	111986	0.322	2.743 #
37)	L8 AR-1262-2	8.285	6.975	88806	-26296	0.628	N.D. #
38)	L8 AR-1262-3	8.577f	0.000	62167	0	0.600	N.D. #
39)	L8 AR-1262-4	8.693	0.000	291727	0	5.762	N.D. #
40)	L8 AR-1262-5	9.338	8.069	88644	252026	1.578	4.575 #
41)	L9 AR-1268-1	8.577f	0.000	62167	0	0.319	N.D. #

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 Data File : PP054385.D
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 Acq On : 10 Jan 2023 14:43
 Operator : YP\AJ
 Sample : 01064-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

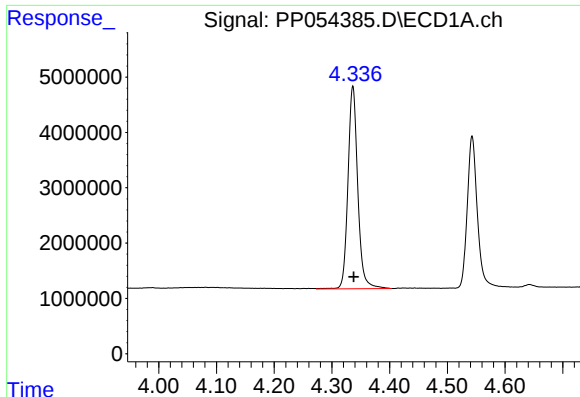
Instrument :
 ECD_S
 ClientSampleId :
 S4-02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 20:50:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
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 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	8.693	0.000	291727	0	1.653	N.D. #
43) L9	AR-1268-3	8.925	7.790	96492	117240	0.622	0.686
44) L9	AR-1268-4	9.338	8.069	88644	252026	1.296	3.989 #
45) L9	AR-1268-5	9.747	8.352	176438	179527	0.346	0.367

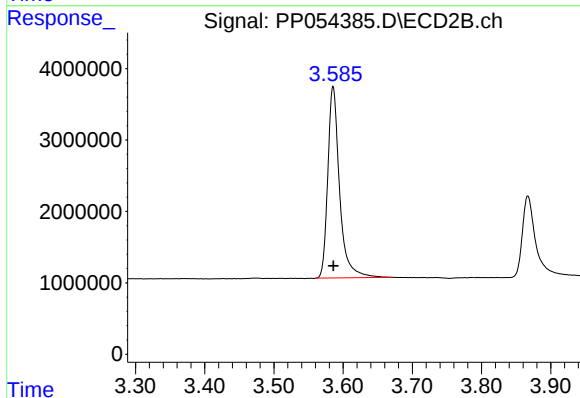
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

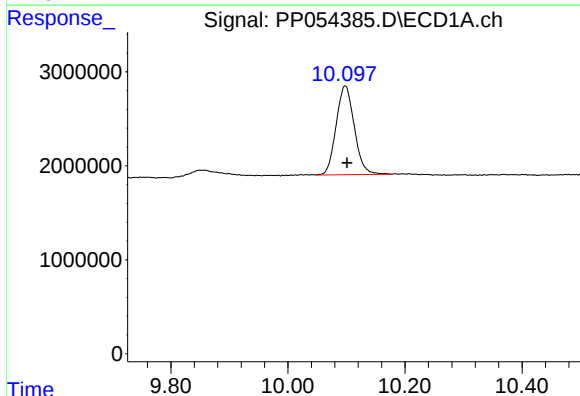
R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 43300411
Conc: 21.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



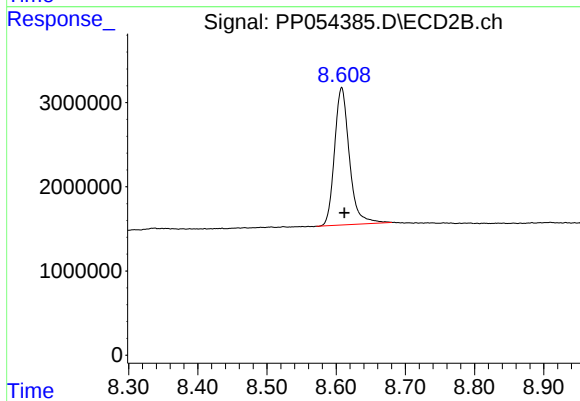
#1 Tetrachloro-m-xylene

R.T.: 3.586 min
Delta R.T.: 0.000 min
Response: 31746241
Conc: 19.68 ng/ml



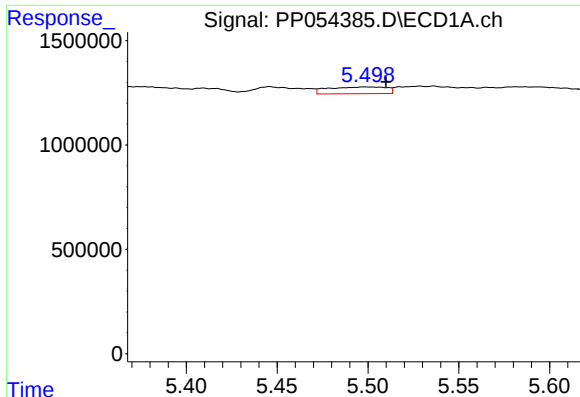
#2 Decachlorobiphenyl

R.T.: 10.098 min
Delta R.T.: -0.003 min
Response: 20409743
Conc: 14.21 ng/ml



#2 Decachlorobiphenyl

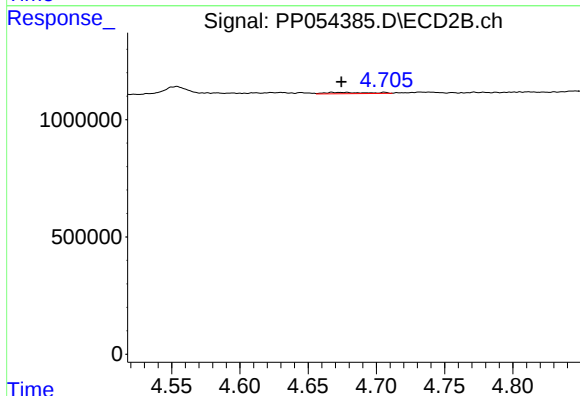
R.T.: 8.608 min
Delta R.T.: -0.004 min
Response: 24350528
Conc: 17.26 ng/ml



#3 AR-1016-1

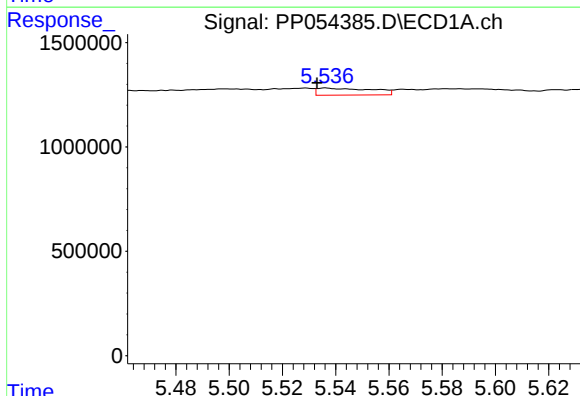
R.T.: 5.499 min
Delta R.T.: -0.012 min
Response: 728386
Conc: 9.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



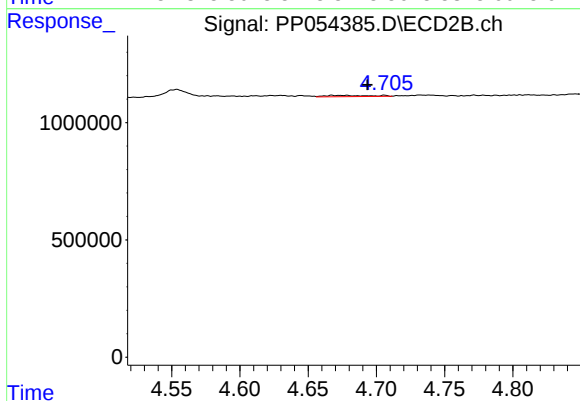
#3 AR-1016-1

R.T.: 4.676 min
Delta R.T.: 0.002 min
Response: 114099
Conc: 2.19 ng/ml



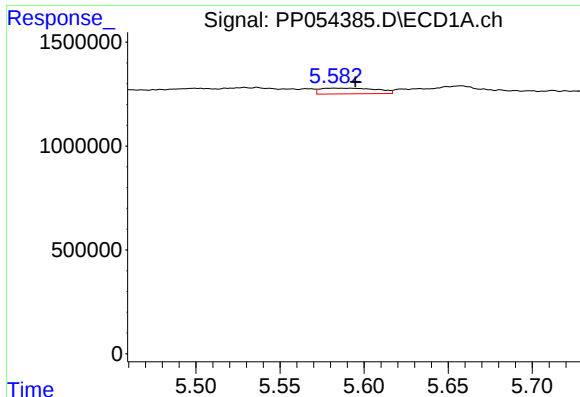
#4 AR-1016-2

R.T.: 5.536 min
Delta R.T.: 0.003 min
Response: 479840
Conc: 4.50 ng/ml



#4 AR-1016-2

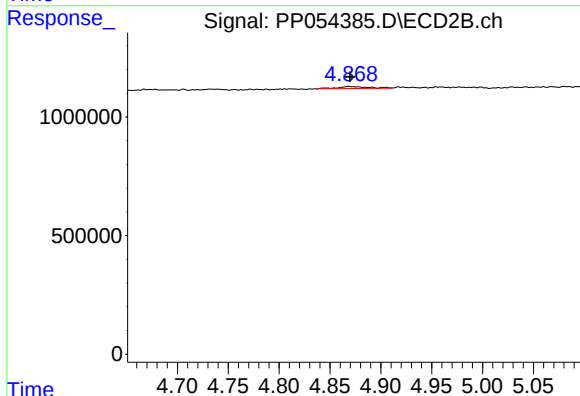
R.T.: 4.676 min
Delta R.T.: -0.017 min
Response: 114099
Conc: 1.59 ng/ml



#5 AR-1016-3

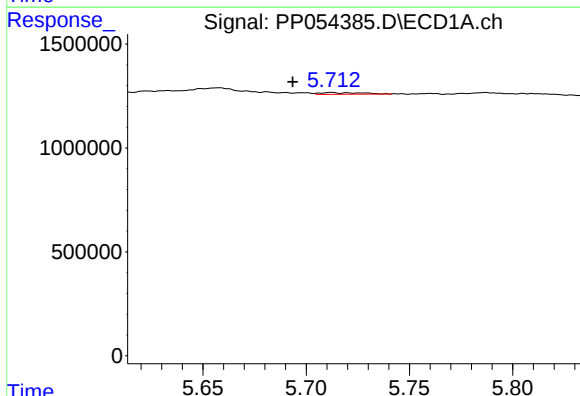
R.T.: 5.582 min
Delta R.T.: -0.013 min
Response: 641929
Conc: 9.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



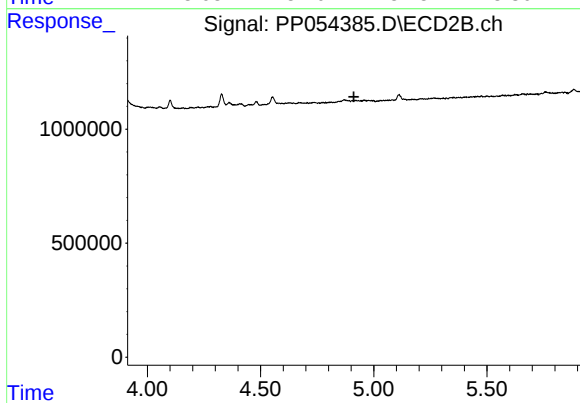
#5 AR-1016-3

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 178352
Conc: 4.55 ng/ml



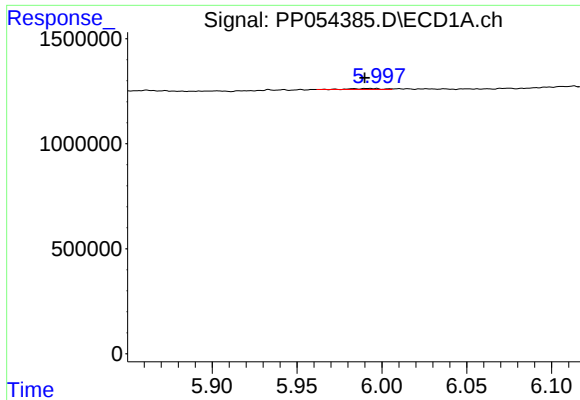
#6 AR-1016-4

R.T.: 5.712 min
Delta R.T.: 0.019 min
Response: 144284
Conc: 2.77 ng/ml



#6 AR-1016-4

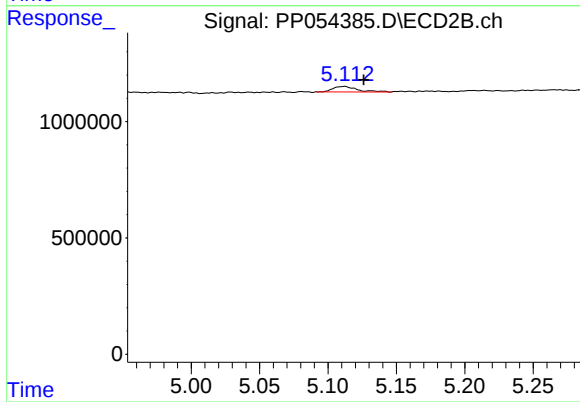
R.T.: 0.000 min
Exp R.T. : 4.912 min
Response: 0
Conc: N.D.



#7 AR-1016-5

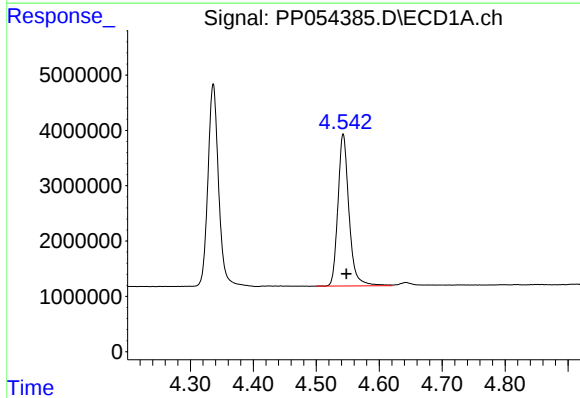
R.T.: 5.992 min
Delta R.T.: 0.002 min
Response: 54959
Conc: 1.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



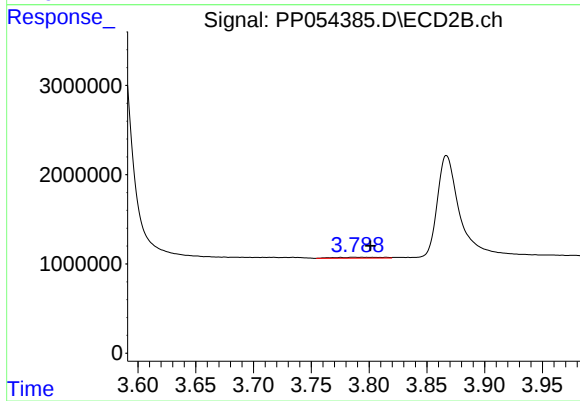
#7 AR-1016-5

R.T.: 5.111 min
Delta R.T.: -0.015 min
Response: 286803
Conc: 6.52 ng/ml



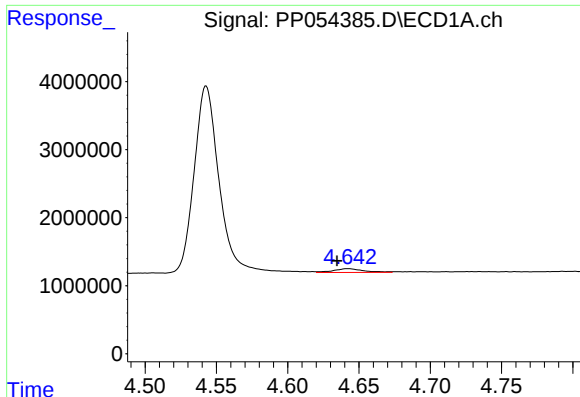
#8 AR-1221-1

R.T.: 4.543 min
Delta R.T.: -0.005 min
Response: 33454507
Conc: 1391.37 ng/ml



#8 AR-1221-1

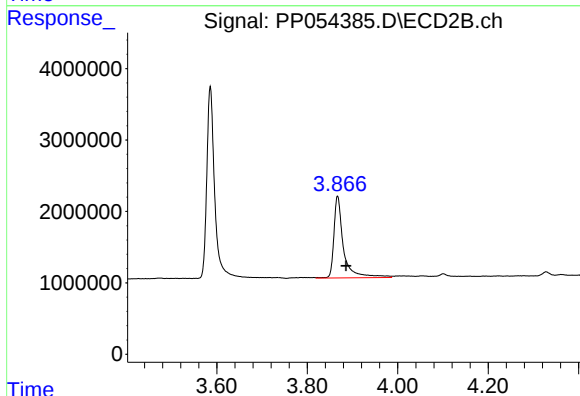
R.T.: 3.788 min
Delta R.T.: -0.013 min
Response: 275895
Conc: 14.44 ng/ml



#9 AR-1221-2

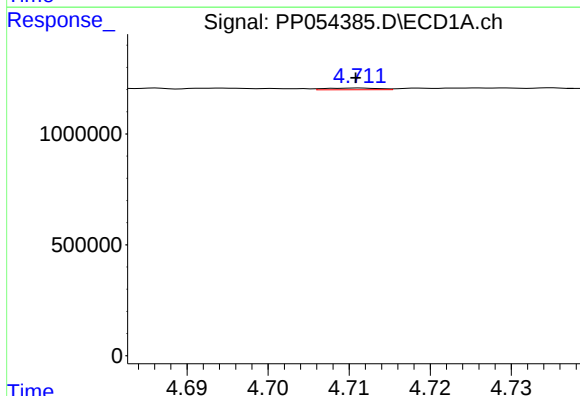
R.T.: 4.642 min
Delta R.T.: 0.008 min
Response: 820837
Conc: 46.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



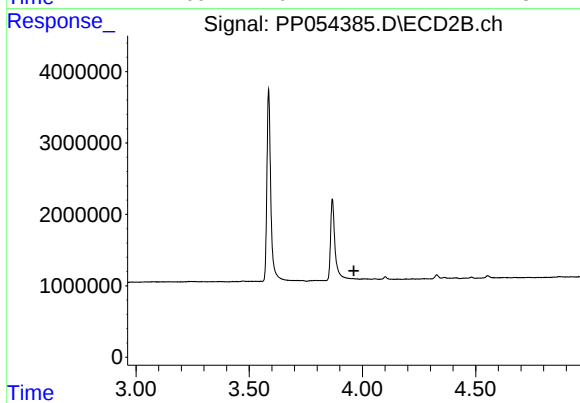
#9 AR-1221-2

R.T.: 3.867 min
Delta R.T.: -0.019 min
Response: 16929346
Conc: 1148.16 ng/ml



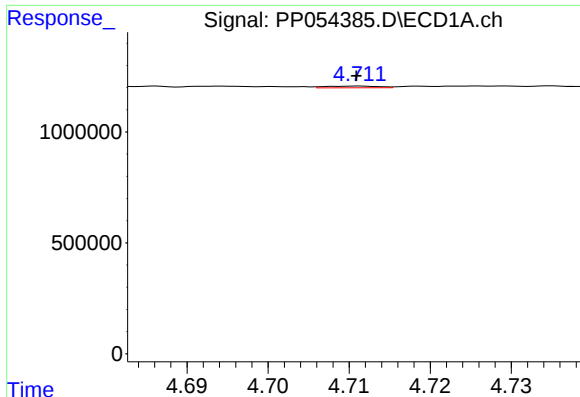
#10 AR-1221-3

R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 36091
Conc: 0.67 ng/ml



#10 AR-1221-3

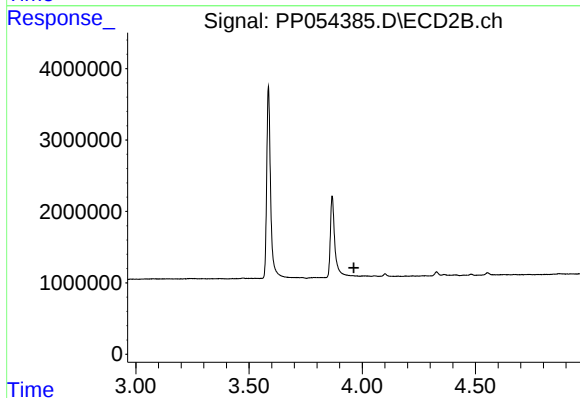
R.T.: 0.000 min
Exp R.T. : 3.963 min
Response: 0
Conc: N.D.



#11 AR-1232-1

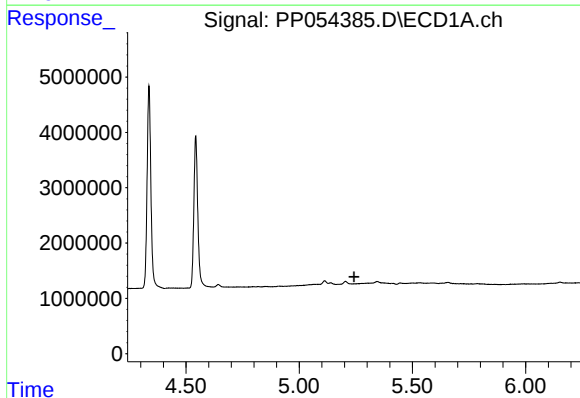
R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 36091
Conc: 0.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



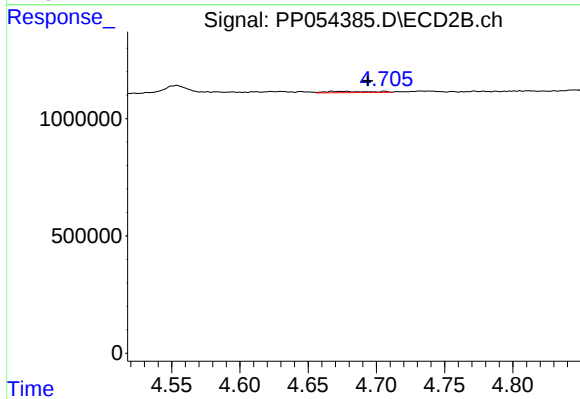
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.963 min
Response: 0
Conc: N.D.



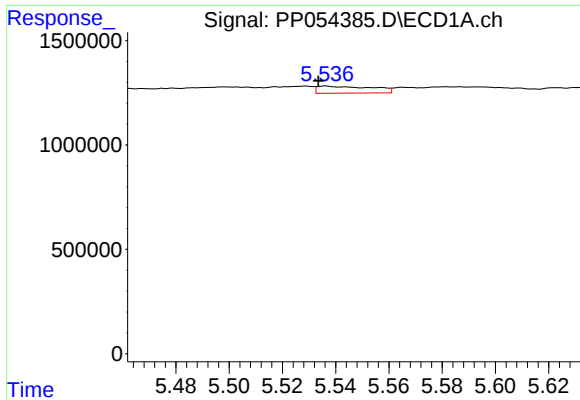
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.242 min
Response: 0
Conc: N.D.



#12 AR-1232-2

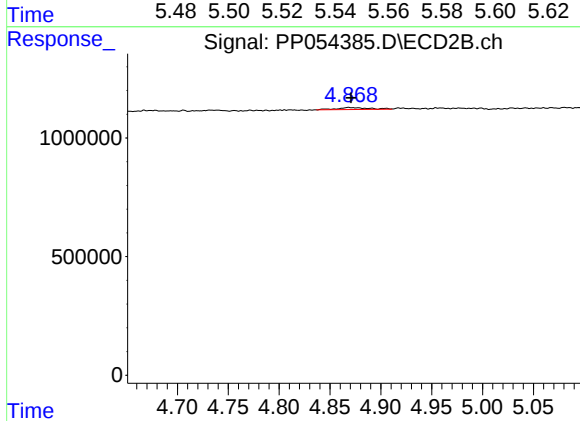
R.T.: 4.676 min
Delta R.T.: -0.017 min
Response: 114099
Conc: 2.13 ng/ml



#13 AR-1232-3

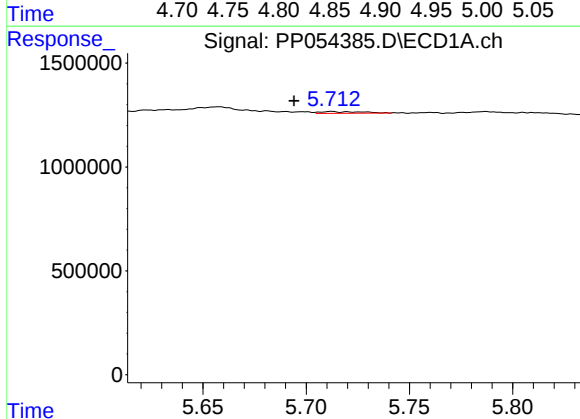
R.T.: 5.536 min
Delta R.T.: 0.003 min
Response: 479840
Conc: 10.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



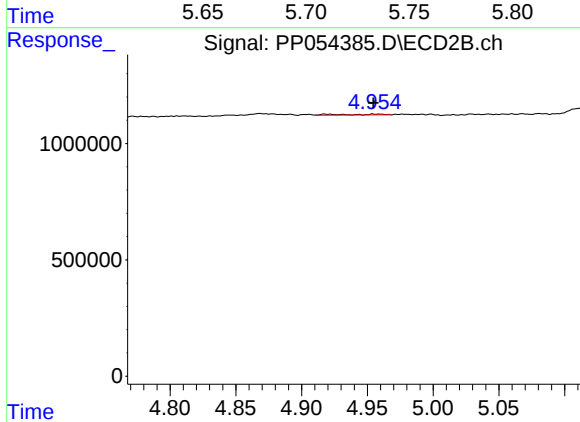
#13 AR-1232-3

R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 178352
Conc: 10.74 ng/ml



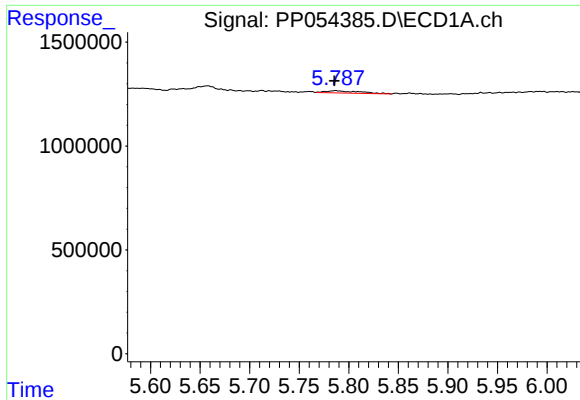
#14 AR-1232-4

R.T.: 5.712 min
Delta R.T.: 0.018 min
Response: 144284
Conc: 6.44 ng/ml



#14 AR-1232-4

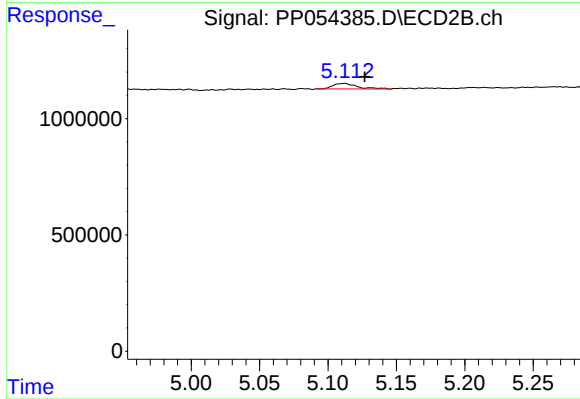
R.T.: 4.958 min
Delta R.T.: 0.003 min
Response: 82338
Conc: 4.91 ng/ml



#15 AR-1232-5

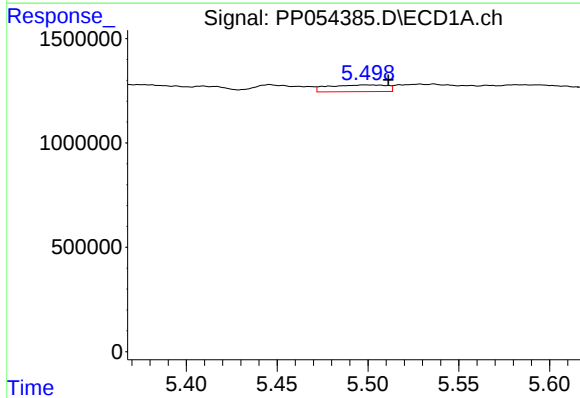
R.T.: 5.787 min
Delta R.T.: 0.001 min
Response: 263947
Conc: 14.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



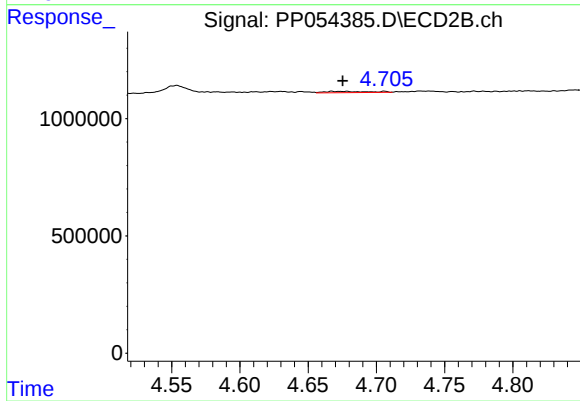
#15 AR-1232-5

R.T.: 5.111 min
Delta R.T.: -0.016 min
Response: 286803
Conc: 15.89 ng/ml



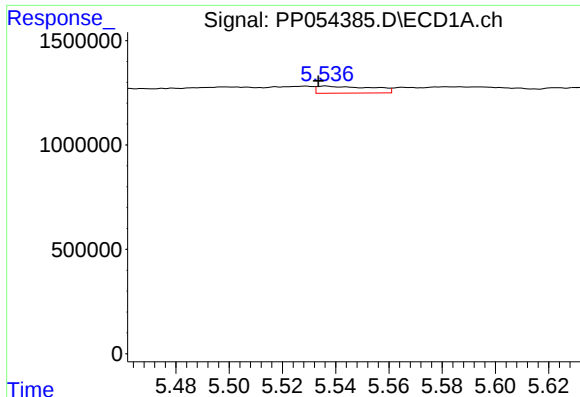
#16 AR-1242-1

R.T.: 5.499 min
Delta R.T.: -0.013 min
Response: 728386
Conc: 12.27 ng/ml



#16 AR-1242-1

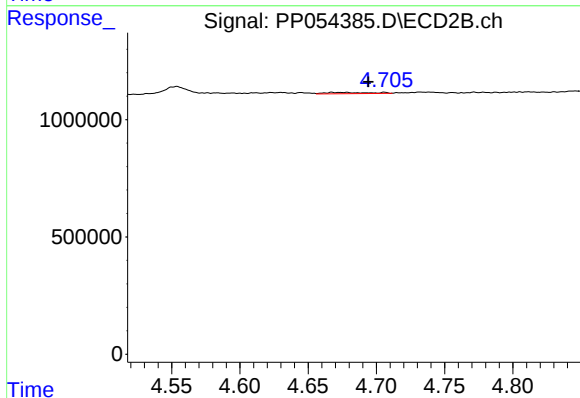
R.T.: 4.676 min
Delta R.T.: 0.000 min
Response: 114099
Conc: 2.70 ng/ml



#17 AR-1242-2

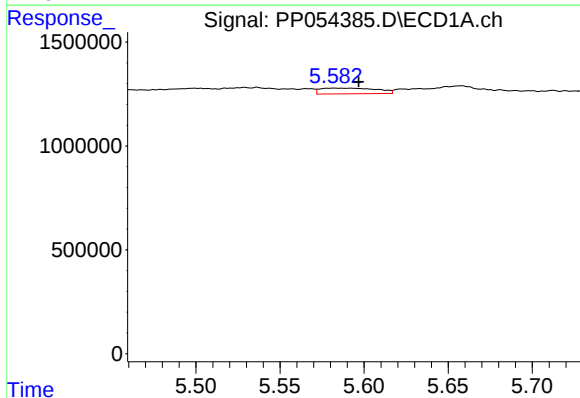
R.T.: 5.536 min
Delta R.T.: 0.003 min
Response: 479840
Conc: 5.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



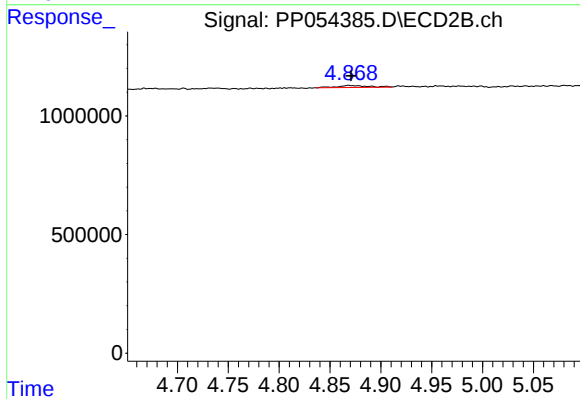
#17 AR-1242-2

R.T.: 4.676 min
Delta R.T.: -0.018 min
Response: 114099
Conc: 1.96 ng/ml



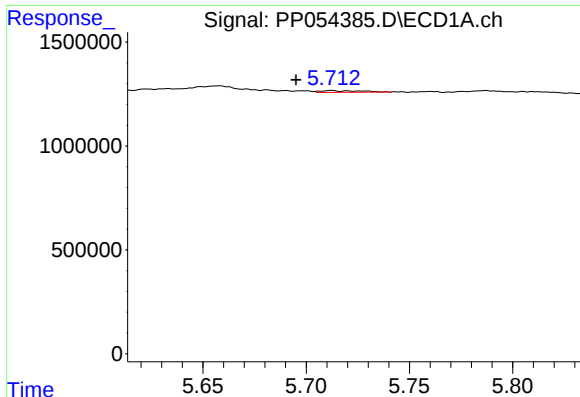
#18 AR-1242-3

R.T.: 5.582 min
Delta R.T.: -0.015 min
Response: 641929
Conc: 11.75 ng/ml



#18 AR-1242-3

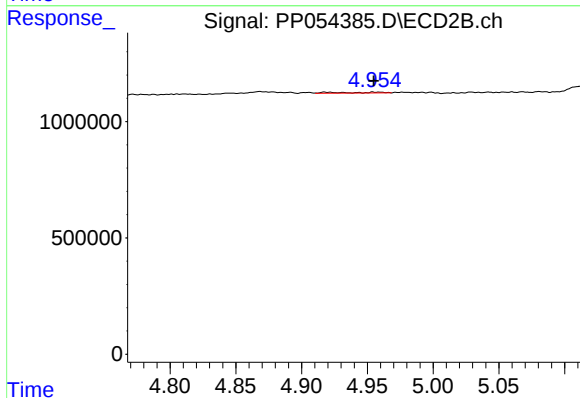
R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 178352
Conc: 5.58 ng/ml



#19 AR-1242-4

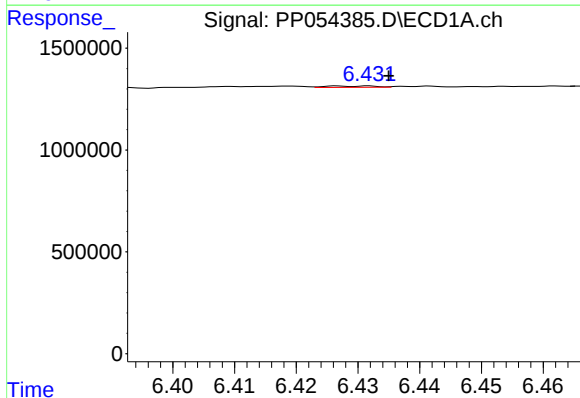
R.T.: 5.712 min
Delta R.T.: 0.017 min
Response: 144284
Conc: 3.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



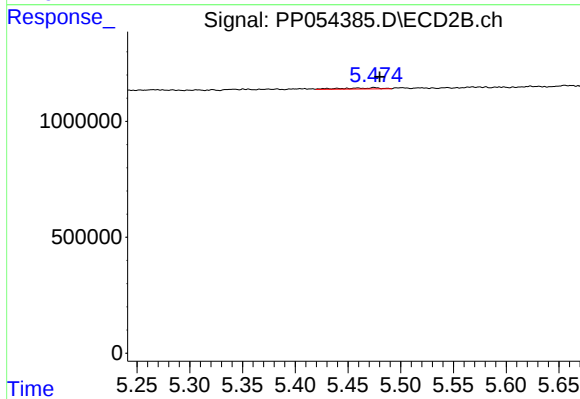
#19 AR-1242-4

R.T.: 4.958 min
Delta R.T.: 0.003 min
Response: 82338
Conc: 2.36 ng/ml



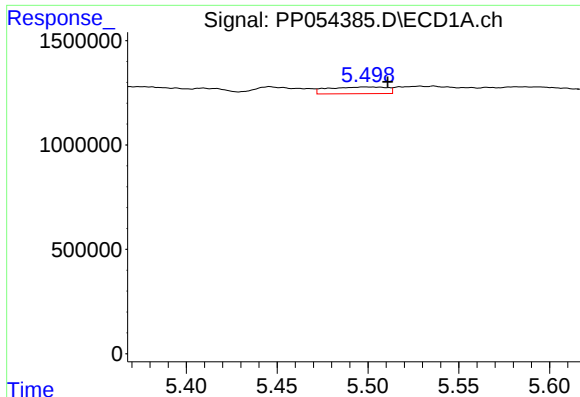
#20 AR-1242-5

R.T.: 6.431 min
Delta R.T.: -0.004 min
Response: 37684
Conc: 1.15 ng/ml



#20 AR-1242-5

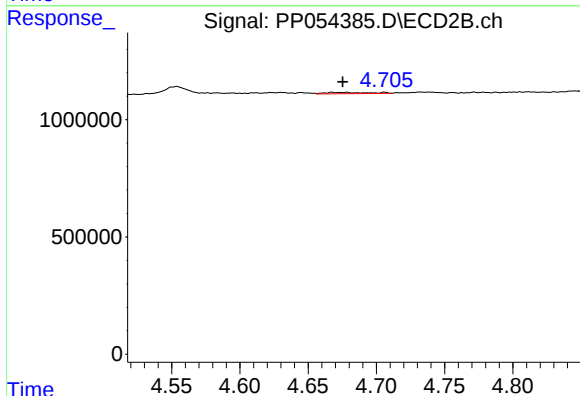
R.T.: 5.475 min
Delta R.T.: -0.005 min
Response: 132490
Conc: 3.52 ng/ml



#21 AR-1248-1

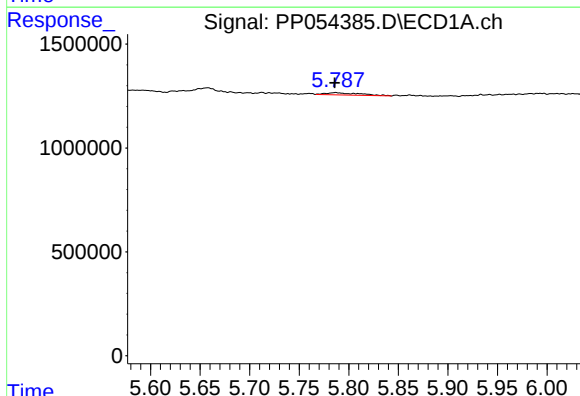
R.T.: 5.499 min
Delta R.T.: -0.012 min
Response: 728386
Conc: 16.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



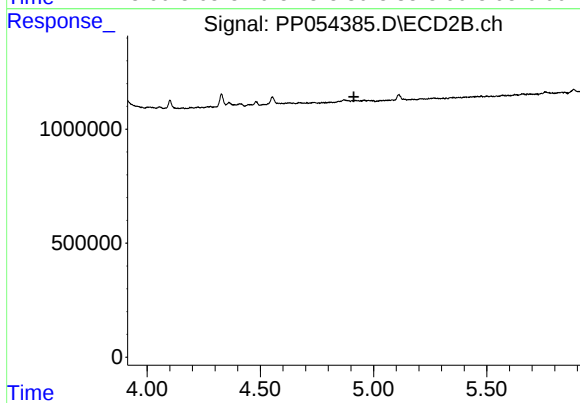
#21 AR-1248-1

R.T.: 4.676 min
Delta R.T.: 0.000 min
Response: 114099
Conc: 3.51 ng/ml



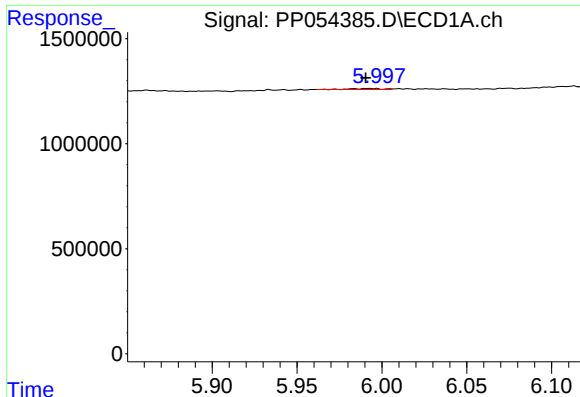
#22 AR-1248-2

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 263947
Conc: 4.15 ng/ml



#22 AR-1248-2

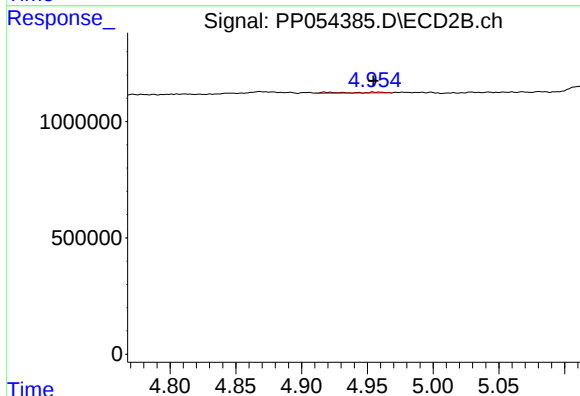
R.T.: 0.000 min
Exp R.T. : 4.913 min
Response: 0
Conc: N.D.



#23 AR-1248-3

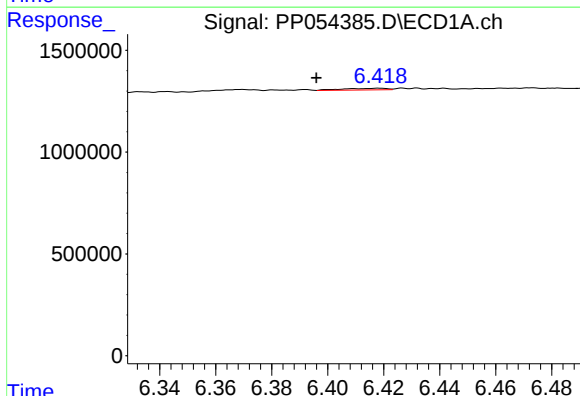
R.T.: 5.992 min
Delta R.T.: 0.001 min
Response: 54959
Conc: 0.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



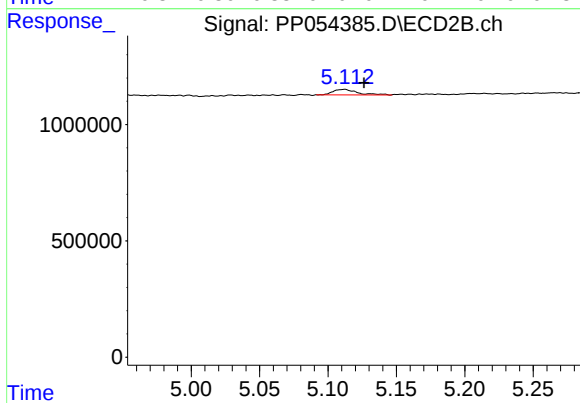
#23 AR-1248-3

R.T.: 4.958 min
Delta R.T.: 0.003 min
Response: 82338
Conc: 1.60 ng/ml



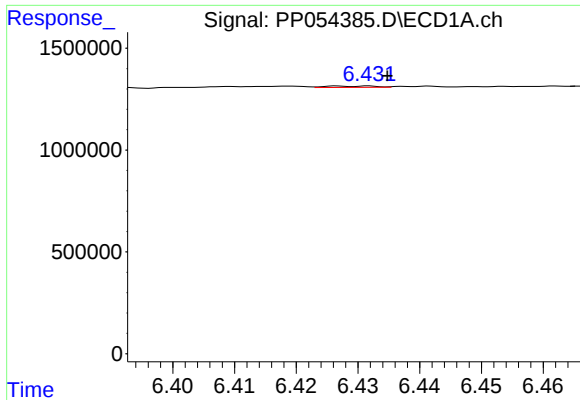
#24 AR-1248-4

R.T.: 6.419 min
Delta R.T.: 0.023 min
Response: 92125
Conc: 1.59 ng/ml



#24 AR-1248-4

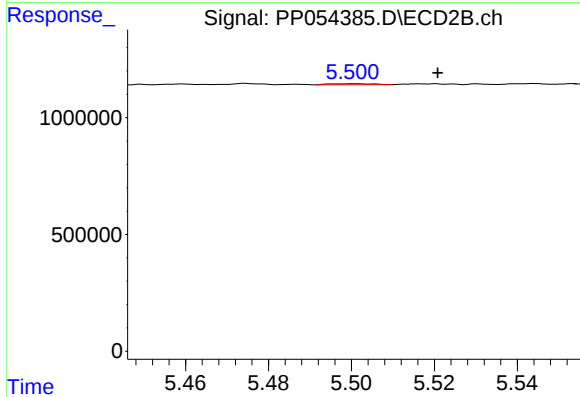
R.T.: 5.111 min
Delta R.T.: -0.015 min
Response: 286803
Conc: 4.86 ng/ml



#25 AR-1248-5

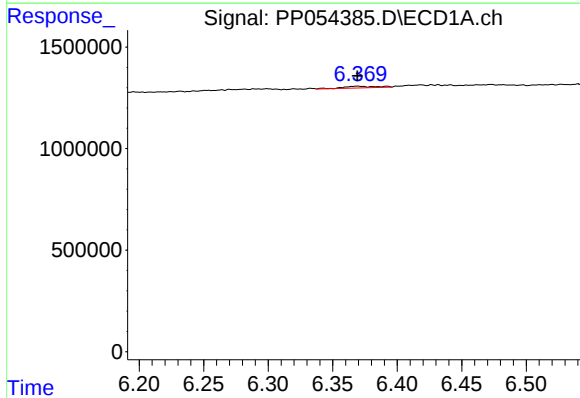
R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 37684
Conc: 0.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



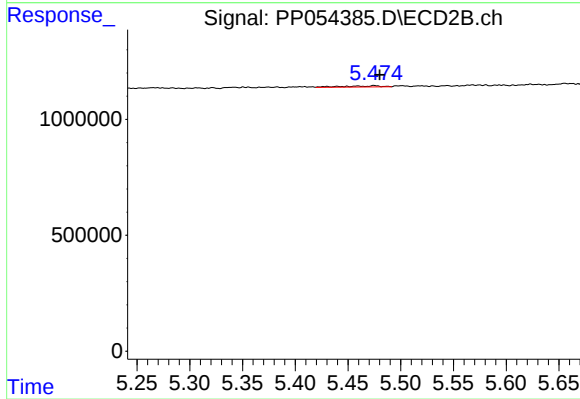
#25 AR-1248-5

R.T.: 5.500 min
Delta R.T.: -0.021 min
Response: 31778
Conc: 0.64 ng/ml



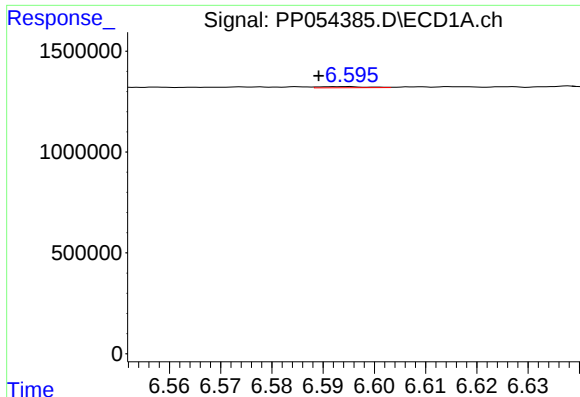
#26 AR-1254-1

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 150525
Conc: 2.42 ng/ml



#26 AR-1254-1

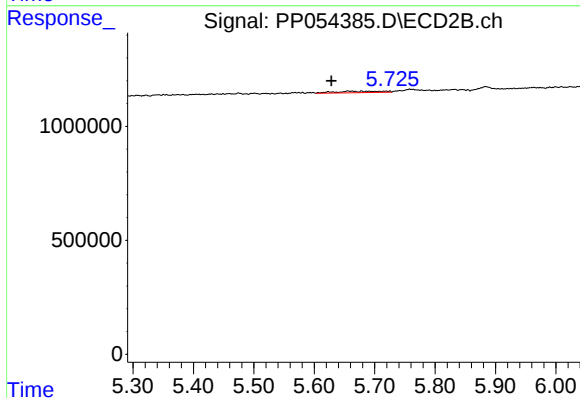
R.T.: 5.475 min
Delta R.T.: -0.005 min
Response: 132490
Conc: 1.54 ng/ml



#27 AR-1254-2

R.T.: 6.594 min
Delta R.T.: 0.005 min
Response: 37076
Conc: 0.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



#27 AR-1254-2

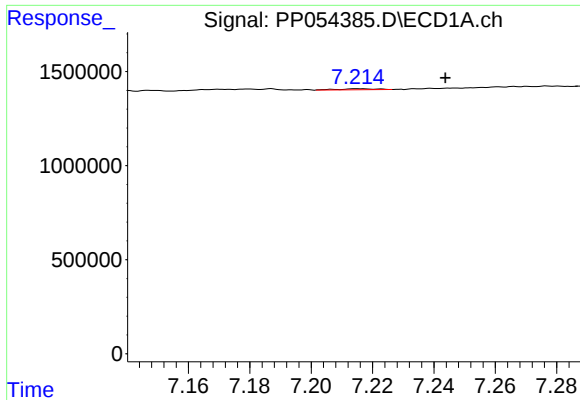
R.T.: 5.657 min
Delta R.T.: 0.029 min
Response: 329875
Conc: 4.44 ng/ml

#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.956 min
Response: 0
Conc: N.D.

#28 AR-1254-3

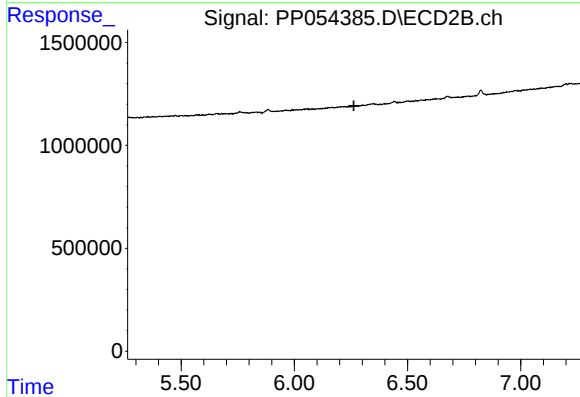
R.T.: 6.043 min
Delta R.T.: 0.009 min
Response: 477872
Conc: 4.12 ng/ml



#29 AR-1254-4

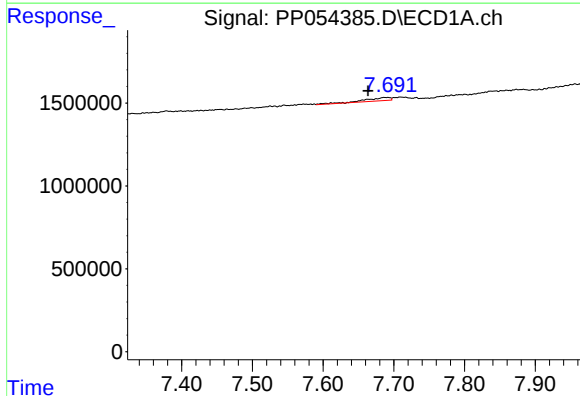
R.T.: 7.215 min
Delta R.T.: -0.028 min
Response: 46276
Conc: 0.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



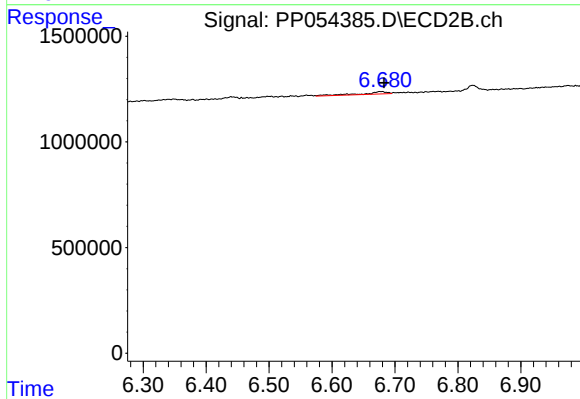
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.263 min
Response: 0
Conc: N.D.



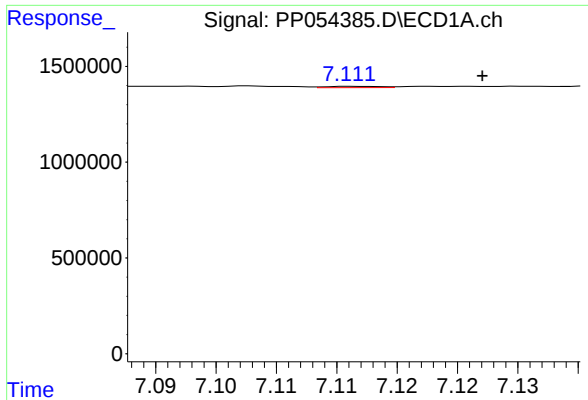
#30 AR-1254-5

R.T.: 7.691 min
Delta R.T.: 0.028 min
Response: 506076
Conc: 6.66 ng/ml



#30 AR-1254-5

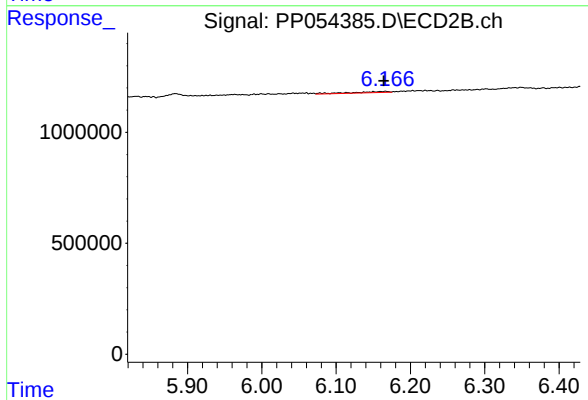
R.T.: 6.678 min
Delta R.T.: -0.005 min
Response: 309062
Conc: 3.23 ng/ml



#31 AR-1260-1

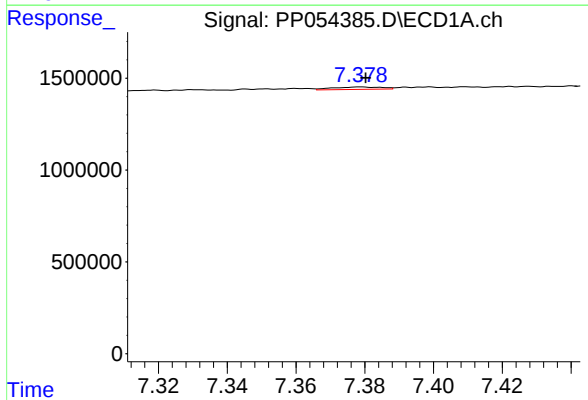
R.T.: 7.112 min
Delta R.T.: -0.010 min
Response: 21065
Conc: 0.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



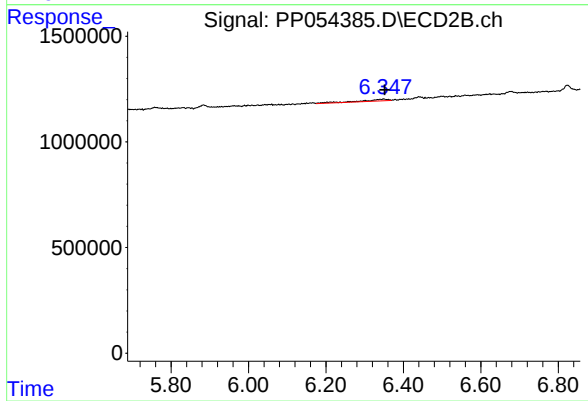
#31 AR-1260-1

R.T.: 6.166 min
Delta R.T.: 0.002 min
Response: 174440
Conc: 2.06 ng/ml



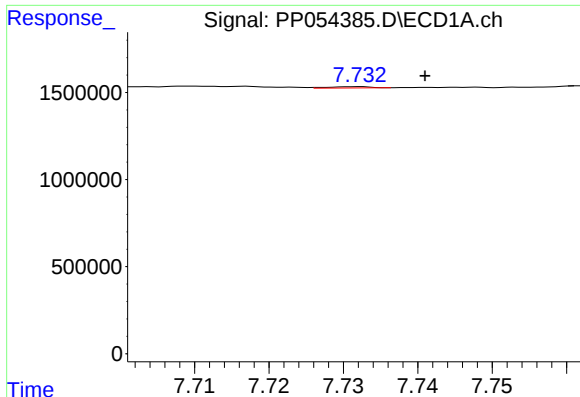
#32 AR-1260-2

R.T.: 7.379 min
Delta R.T.: -0.002 min
Response: 132154
Conc: 1.48 ng/ml



#32 AR-1260-2

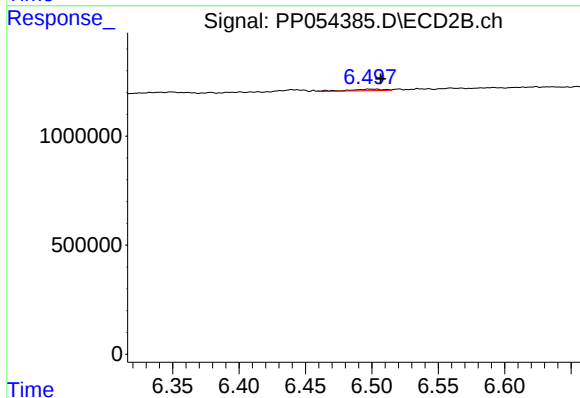
R.T.: 6.349 min
Delta R.T.: -0.003 min
Response: 425788
Conc: 4.45 ng/ml



#33 AR-1260-3

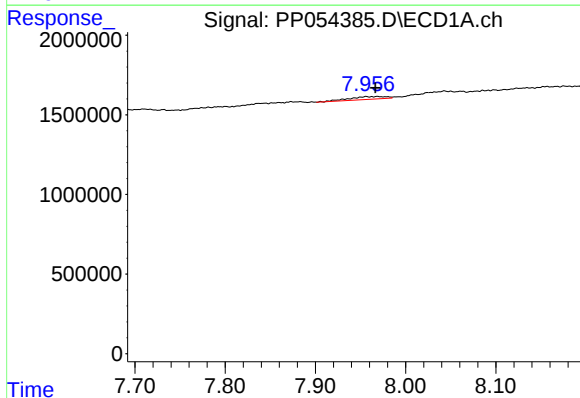
R.T.: 7.731 min
Delta R.T.: -0.010 min
Response: 27099
Conc: 0.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



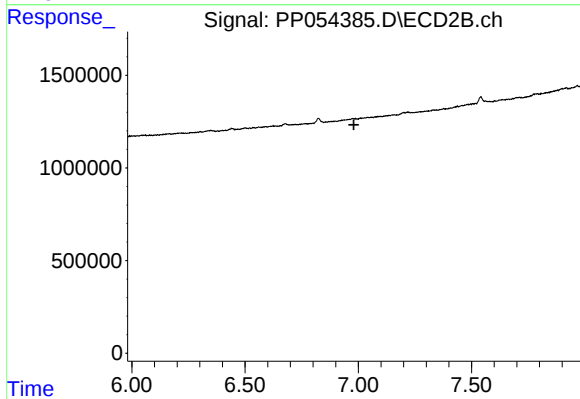
#33 AR-1260-3

R.T.: 6.500 min
Delta R.T.: -0.006 min
Response: 125031
Conc: 1.37 ng/ml



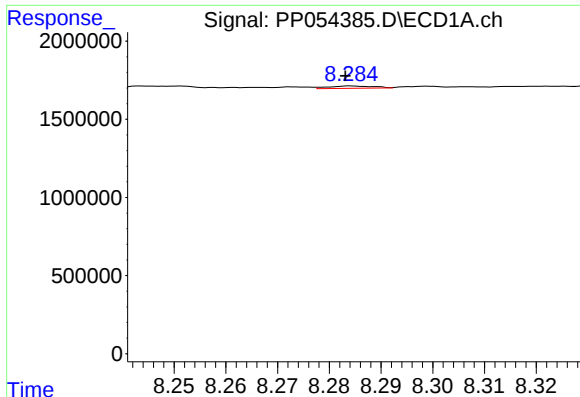
#34 AR-1260-4

R.T.: 7.956 min
Delta R.T.: -0.010 min
Response: 480079
Conc: 6.03 ng/ml



#34 AR-1260-4

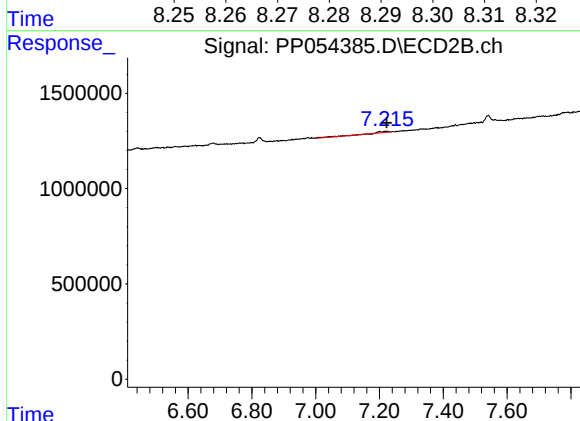
R.T.: 6.975 min
Delta R.T.: -0.005 min
Response: -26296
Conc: N.D.



#35 AR-1260-5

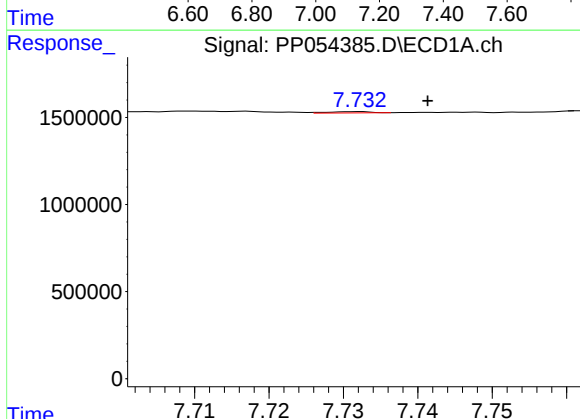
R.T.: 8.285 min
Delta R.T.: 0.001 min
Response: 88806
Conc: 0.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



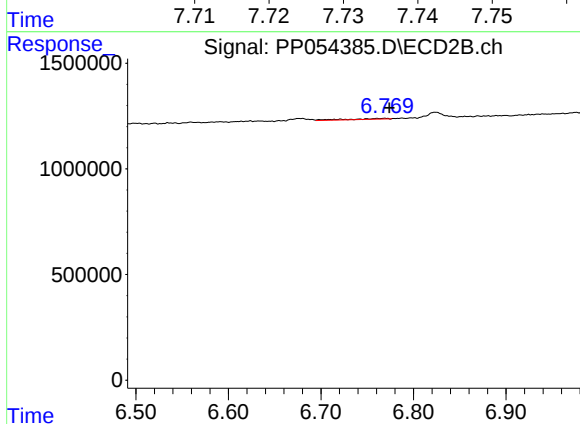
#35 AR-1260-5

R.T.: 7.220 min
Delta R.T.: -0.002 min
Response: 211436
Conc: 1.33 ng/ml



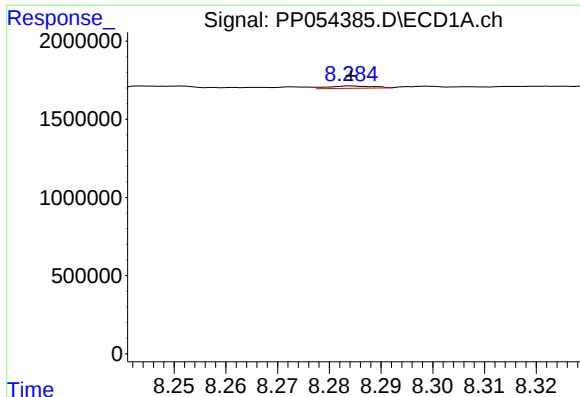
#36 AR-1262-1

R.T.: 7.731 min
Delta R.T.: -0.010 min
Response: 27099
Conc: 0.32 ng/ml



#36 AR-1262-1

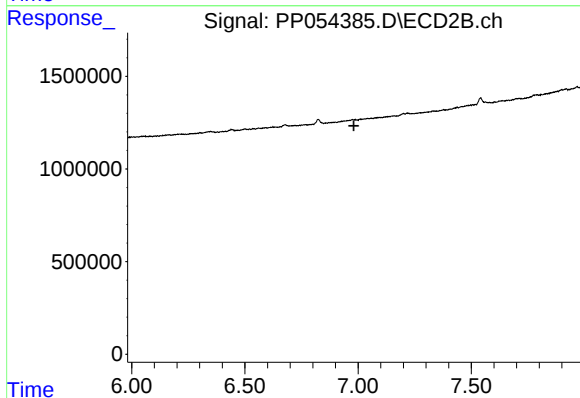
R.T.: 6.769 min
Delta R.T.: -0.005 min
Response: 111986
Conc: 2.74 ng/ml



#37 AR-1262-2

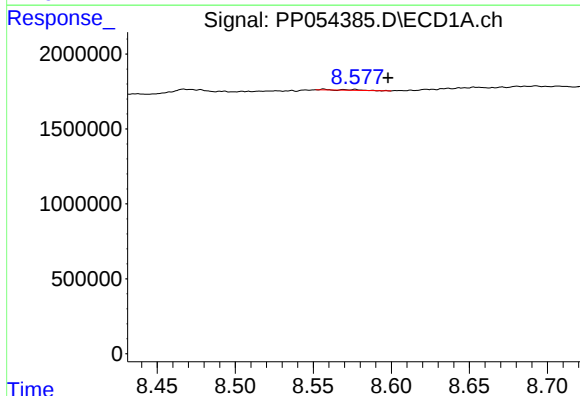
R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 88806
Conc: 0.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



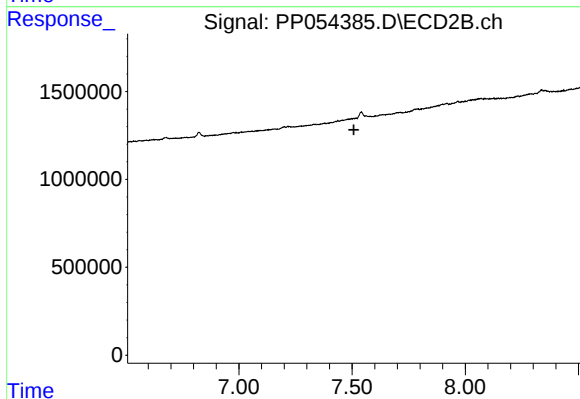
#37 AR-1262-2

R.T.: 6.975 min
Delta R.T.: -0.006 min
Response: -26296
Conc: N.D.



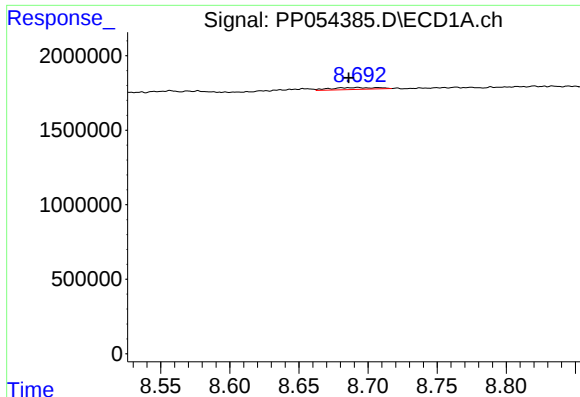
#38 AR-1262-3

R.T.: 8.577 min
Delta R.T.: -0.021 min
Response: 62167
Conc: 0.60 ng/ml



#38 AR-1262-3

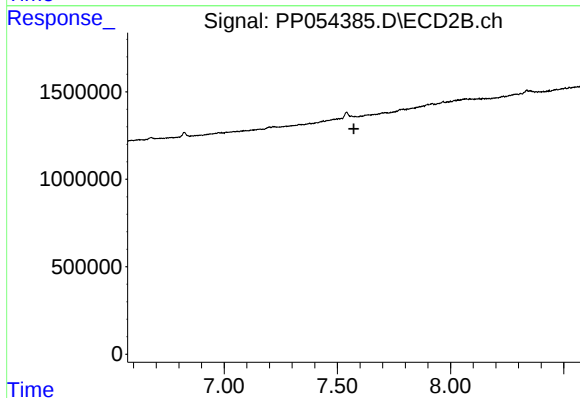
R.T.: 0.000 min
Exp R.T.: 7.508 min
Response: 0
Conc: N.D.



#39 AR-1262-4

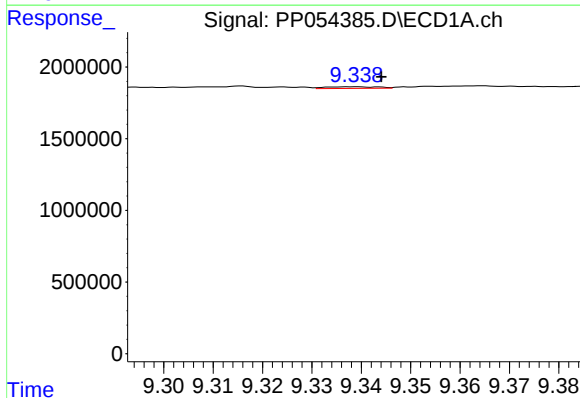
R.T.: 8.693 min
Delta R.T.: 0.007 min
Response: 291727
Conc: 5.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



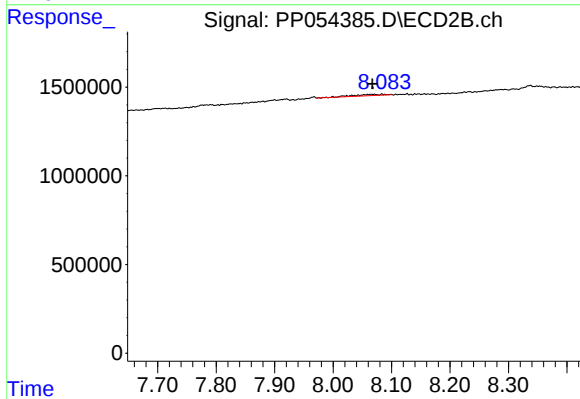
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.573 min
Response: 0
Conc: N.D.



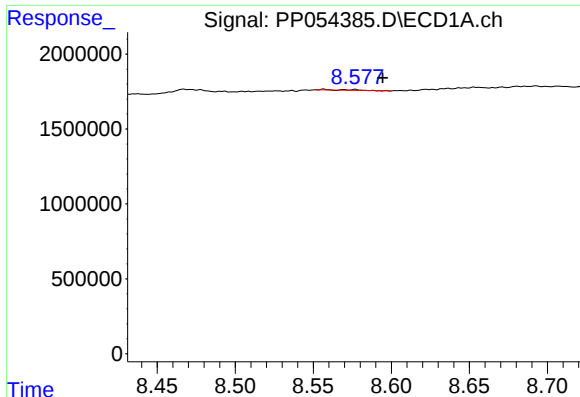
#40 AR-1262-5

R.T.: 9.338 min
Delta R.T.: -0.006 min
Response: 88644
Conc: 1.58 ng/ml



#40 AR-1262-5

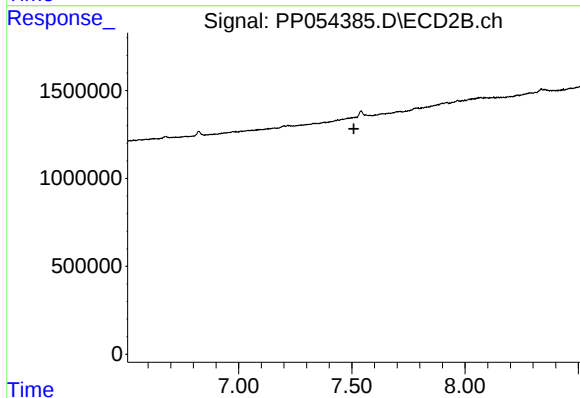
R.T.: 8.069 min
Delta R.T.: 0.001 min
Response: 252026
Conc: 4.57 ng/ml



#41 AR-1268-1

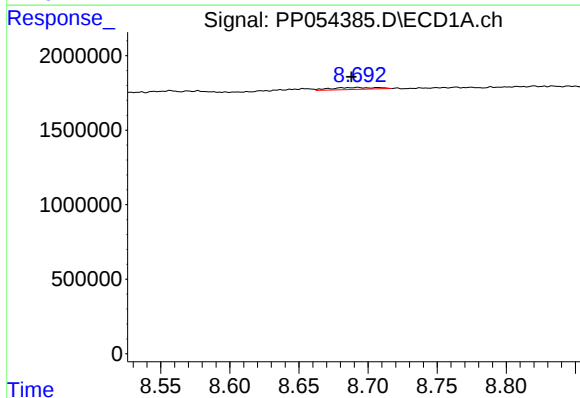
R.T.: 8.577 min
Delta R.T.: -0.018 min
Response: 62167
Conc: 0.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



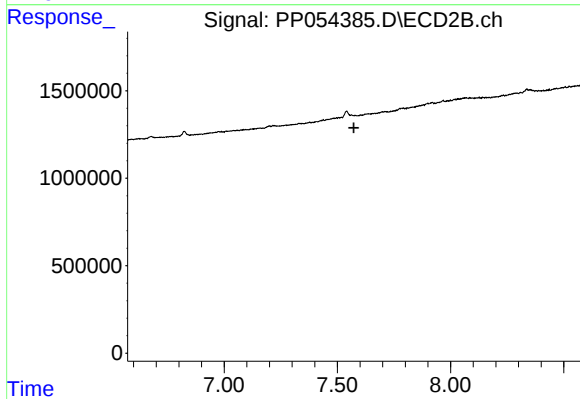
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.509 min
Response: 0
Conc: N.D.



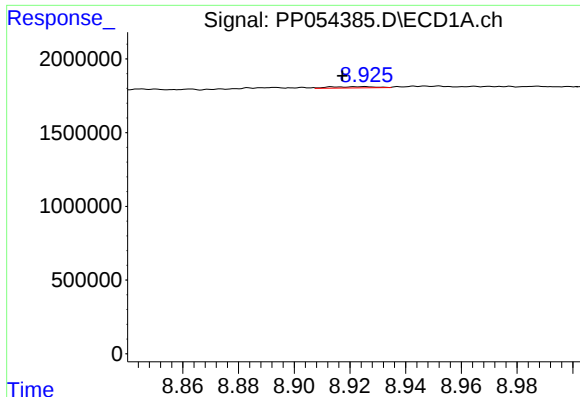
#42 AR-1268-2

R.T.: 8.693 min
Delta R.T.: 0.005 min
Response: 291727
Conc: 1.65 ng/ml



#42 AR-1268-2

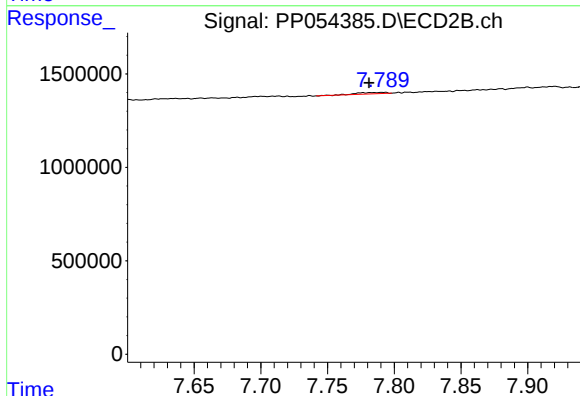
R.T.: 0.000 min
Exp R.T. : 7.573 min
Response: 0
Conc: N.D.



#43 AR-1268-3

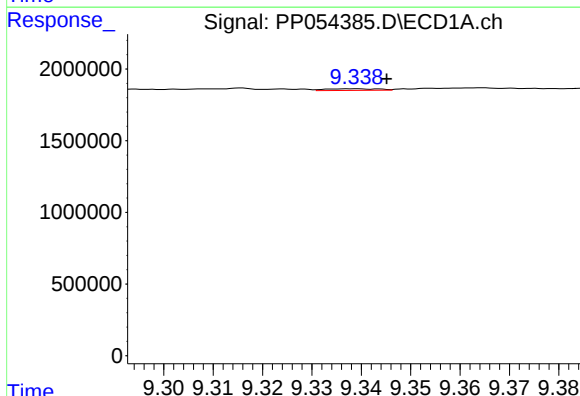
R.T.: 8.925 min
Delta R.T.: 0.007 min
Response: 96492
Conc: 0.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



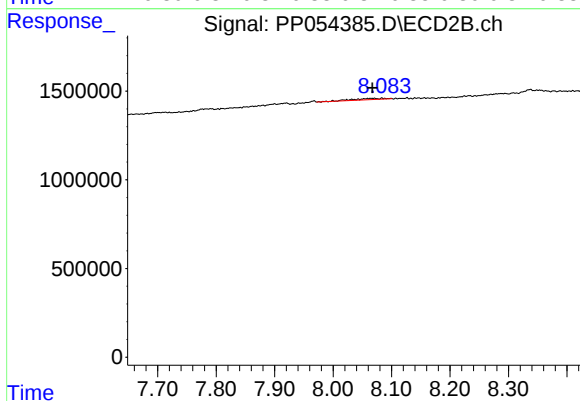
#43 AR-1268-3

R.T.: 7.790 min
Delta R.T.: 0.009 min
Response: 117240
Conc: 0.69 ng/ml



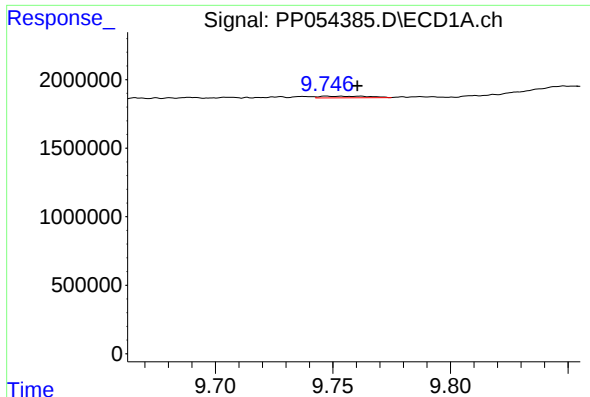
#44 AR-1268-4

R.T.: 9.338 min
Delta R.T.: -0.007 min
Response: 88644
Conc: 1.30 ng/ml



#44 AR-1268-4

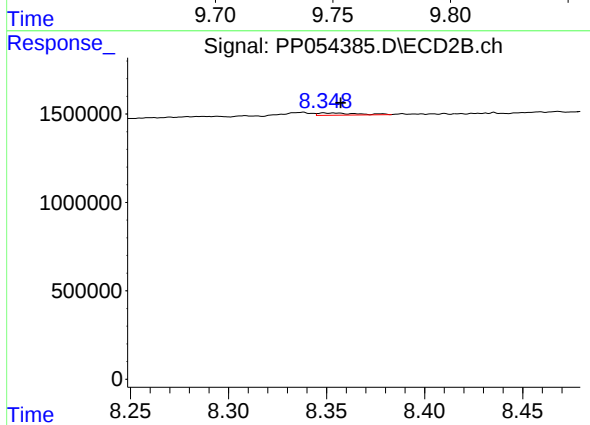
R.T.: 8.069 min
Delta R.T.: 0.001 min
Response: 252026
Conc: 3.99 ng/ml



#45 AR-1268-5

R.T.: 9.747 min
Delta R.T.: -0.013 min
Response: 176438
Conc: 0.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
S4-02



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: -0.005 min
Response: 179527
Conc: 0.37 ng/ml