

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022023\
 Data File : PP055823.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2023 21:23
 Operator : YP\AJ
 Sample : 01611-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 01:00:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.325	3.569	34844178	27573584	21.626	18.884
2)	SA Decachlor...	10.078	8.575	45588869	25902213	22.348	22.831
Target Compounds							
3)	L1 AR-1016-1	5.497	4.647	124390	123692	2.084	2.747 #
4)	L1 AR-1016-2	5.519	4.659	343624	199747	3.928	3.076
5)	L1 AR-1016-3	5.578	0.000	687256	0	12.372	N.D. #
6)	L1 AR-1016-4	5.685	4.898	91861	1535321	2.061	51.364 #
7)	L1 AR-1016-5	5.980	5.104	191431	97325	3.965	2.462 #
8)	L2 AR-1221-1	4.532	3.779	1439364	389598	69.152	21.689 #
9)	L2 AR-1221-2	4.631	3.849f	635639	2274793	39.960	173.207 #
10)	L2 AR-1221-3	4.694	3.943	65114	819355	1.342	19.631 #
11)	L3 AR-1232-1	4.694	3.943	65114	819355	1.644	23.801 #
12)	L3 AR-1232-2	5.208f	4.659	1485155	199747	71.500	6.806 #
13)	L3 AR-1232-3	5.519	0.000	343624	0	8.721	N.D. #
14)	L3 AR-1232-4	5.685	4.932	91861	631601	4.689	41.663 #
15)	L3 AR-1232-5	5.769	5.104	206148	97325	12.890	5.937 #
16)	L4 AR-1242-1	5.497	4.647	124390	123692	2.576	3.362 #
17)	L4 AR-1242-2	5.519	4.659	343624	199747	4.836	3.792
18)	L4 AR-1242-3	5.578	0.000	687256	0	15.404	N.D. #
19)	L4 AR-1242-4	5.685	4.932	91861	631601	2.542	20.471 #
20)	L4 AR-1242-5	6.422	5.456	35294	155530	0.843	4.669 #
21)	L5 AR-1248-1	5.497	4.647	124390	123692	3.419	4.429 #
22)	L5 AR-1248-2	5.769	4.898	206148	1535321	3.583	36.091 #
23)	L5 AR-1248-3	5.980	4.932	191431	631601	2.946	14.193 #
24)	L5 AR-1248-4	6.380	5.104	134847	97325	1.859	1.901
25)	L5 AR-1248-5	6.422	5.498	35294	305420	0.498	6.929 #
26)	L6 AR-1254-1	6.371f	5.456	277948	155530	3.780	2.114 #
27)	L6 AR-1254-2	6.568	5.601	5224	146771	0.045	2.333 #
28)	L6 AR-1254-3	6.944	5.988f	294047	223490	2.389	2.279
29)	L6 AR-1254-4	7.232	0.000	24696	0	0.269	N.D. #
30)	L6 AR-1254-5	7.660	0.000	817679	0	7.780	N.D. #
31)	L7 AR-1260-1	7.102	6.143	264358	218965	2.553	3.004
32)	L7 AR-1260-2	7.369	6.309f	227824	625388	1.811	7.664 #
33)	L7 AR-1260-3	7.728	6.466	21158	298496	0.241	3.532 #
34)	L7 AR-1260-4	7.957	0.000	241252	0	2.245	N.D. #
35)	L7 AR-1260-5	8.265	7.200	134497	359510	0.651	2.656 #
36)	L8 AR-1262-1	7.728	0.000	21158	0	0.179	N.D. #
37)	L8 AR-1262-2	8.265	0.000	134497	0	0.613	N.D. #
38)	L8 AR-1262-3	8.574	7.486	40018	72614	0.262	1.309 #
39)	L8 AR-1262-4	8.663	0.000	178954	0	2.377	N.D. #
40)	L8 AR-1262-5	9.317	8.039	29325	56712	0.356	1.247 #
41)	L9 AR-1268-1	8.574	7.486	40018	72614	0.140	0.432 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022023\
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 Operator : YP\AJ
 Sample : 01611-03
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 ALS Vial : 27 Sample Multiplier: 1

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 ECD_P
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 01:00:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 2023
 Response via : Initial Calibration
 Integrator: ChemStation

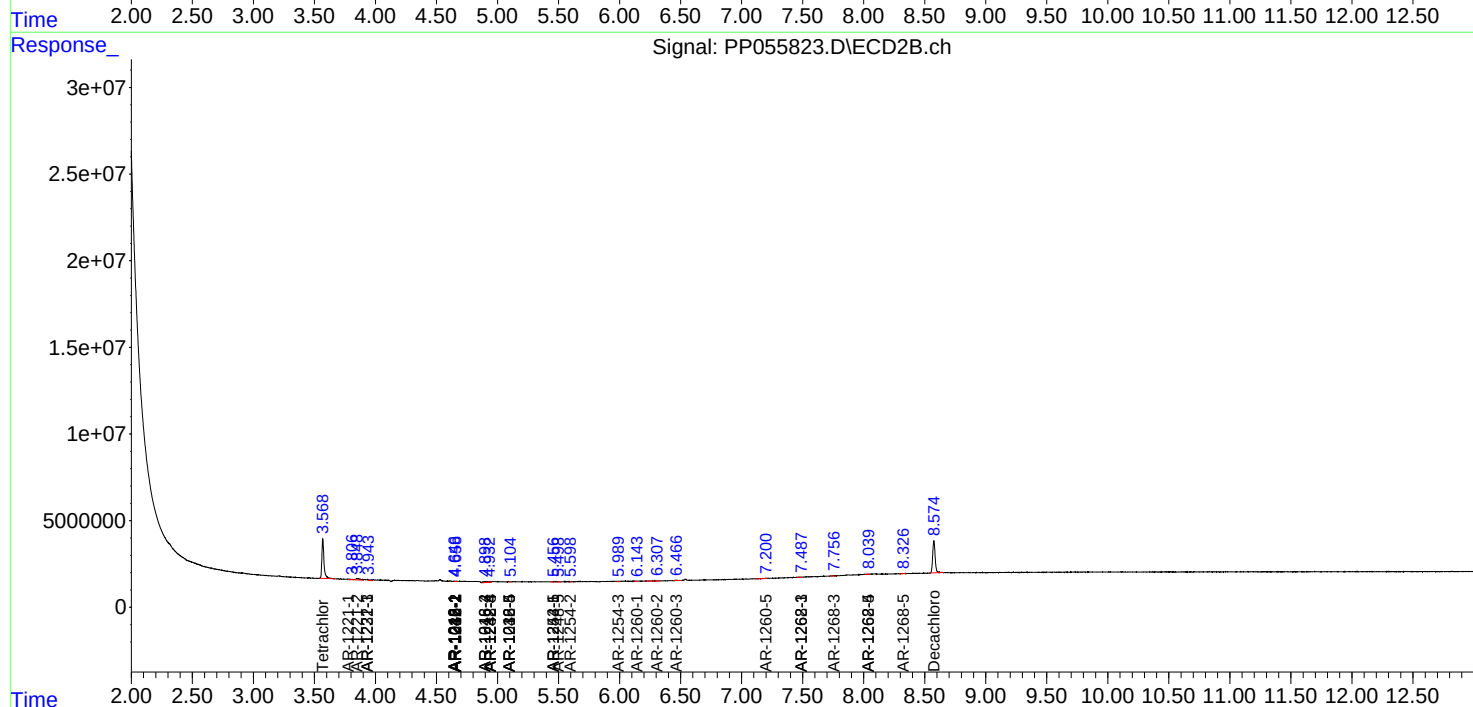
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

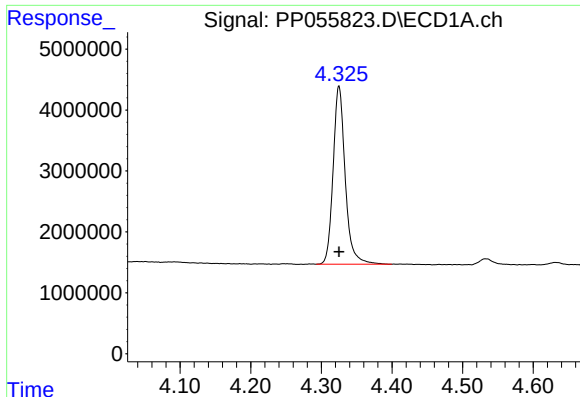
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.663	0.000	178954	0	0.671	N.D. #
43) L9	AR-1268-3	8.899	7.757	177537	104450	0.754	0.761
44) L9	AR-1268-4	9.317	8.039	29325	56712	0.297	1.031 #
45) L9	AR-1268-5	9.736	8.329	158216	246629	0.210	0.611 #

(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

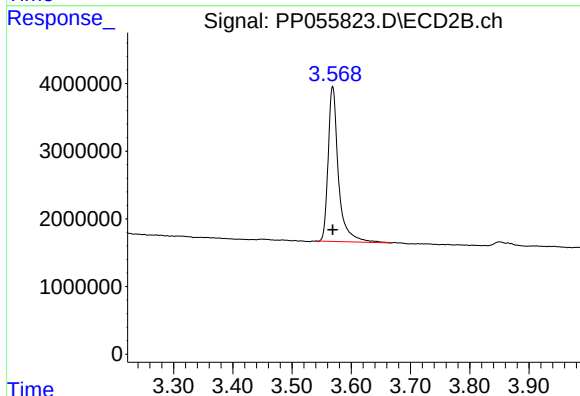




#1 Tetrachloro-m-xylene

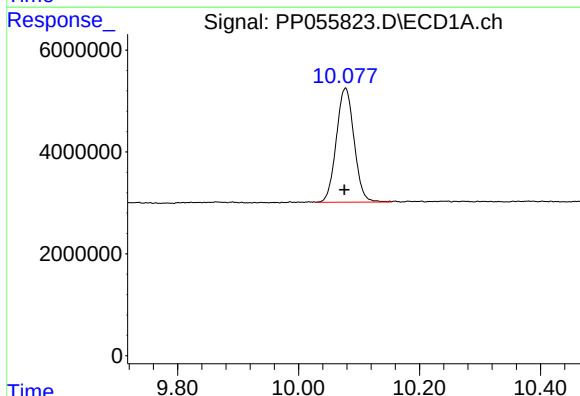
R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 34844178
Conc: 21.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



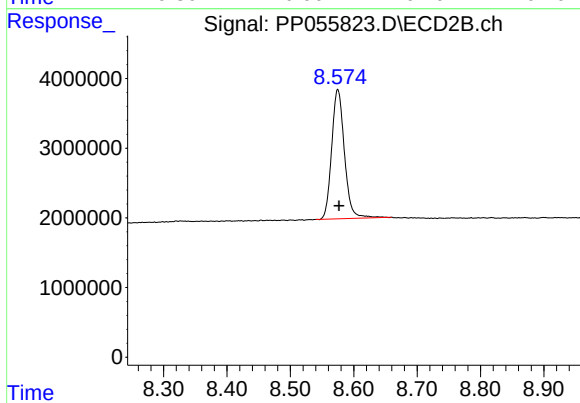
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 27573584
Conc: 18.88 ng/ml



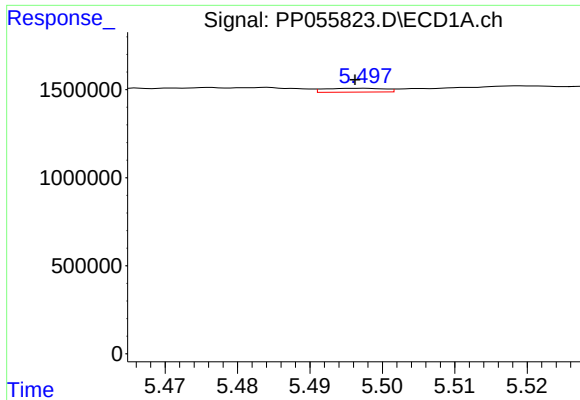
#2 Decachlorobiphenyl

R.T.: 10.078 min
Delta R.T.: 0.002 min
Response: 45588869
Conc: 22.35 ng/ml



#2 Decachlorobiphenyl

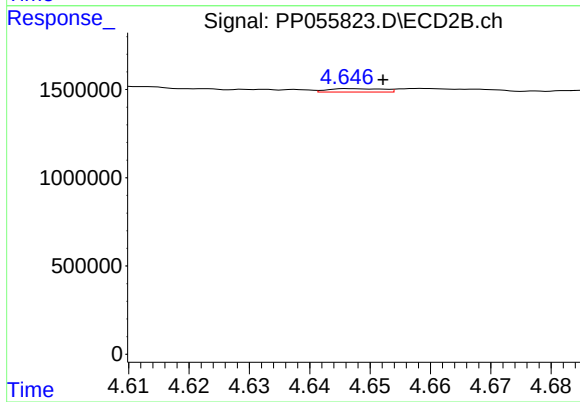
R.T.: 8.575 min
Delta R.T.: -0.002 min
Response: 25902213
Conc: 22.83 ng/ml



#3 AR-1016-1

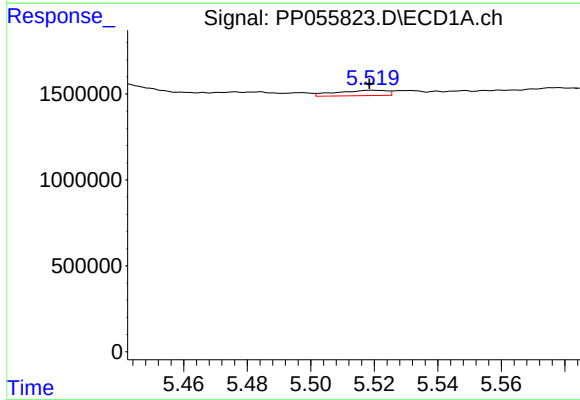
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 124390
Conc: 2.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



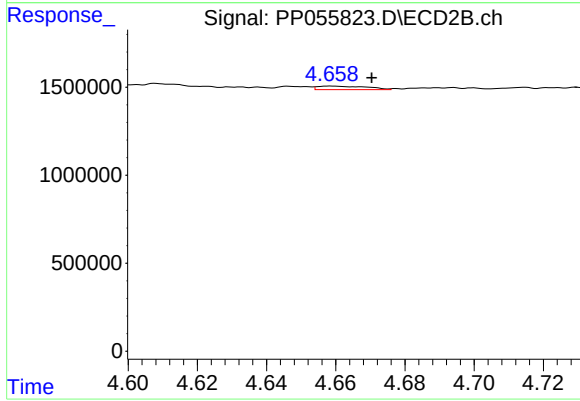
#3 AR-1016-1

R.T.: 4.647 min
Delta R.T.: -0.005 min
Response: 123692
Conc: 2.75 ng/ml



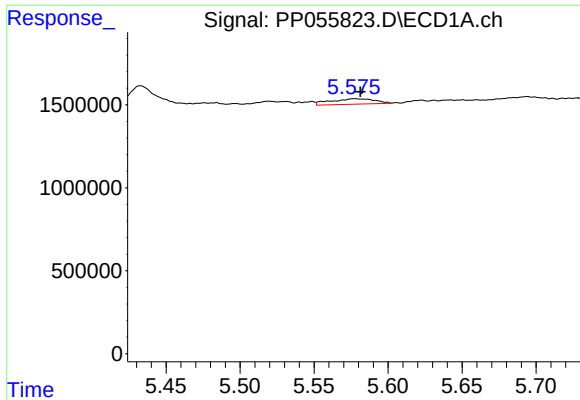
#4 AR-1016-2

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 343624
Conc: 3.93 ng/ml



#4 AR-1016-2

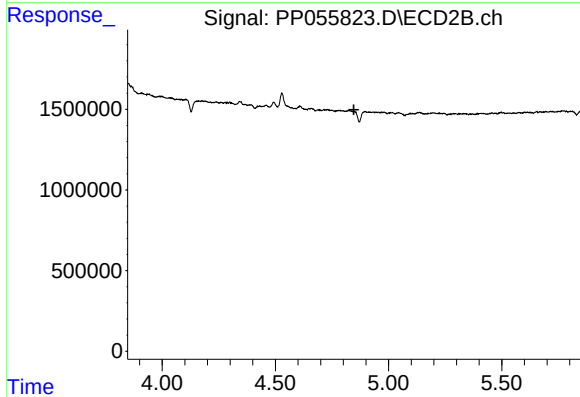
R.T.: 4.659 min
Delta R.T.: -0.012 min
Response: 199747
Conc: 3.08 ng/ml



#5 AR-1016-3

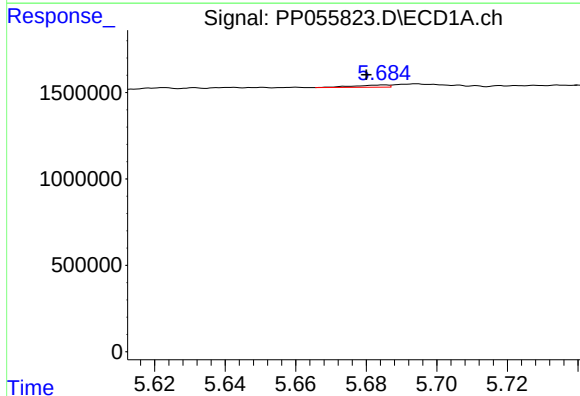
R.T.: 5.578 min
Delta R.T.: -0.003 min
Response: 687256
Conc: 12.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



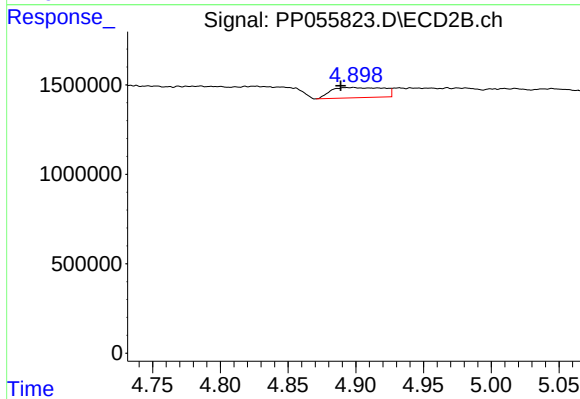
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.847 min
Response: 0
Conc: N.D.



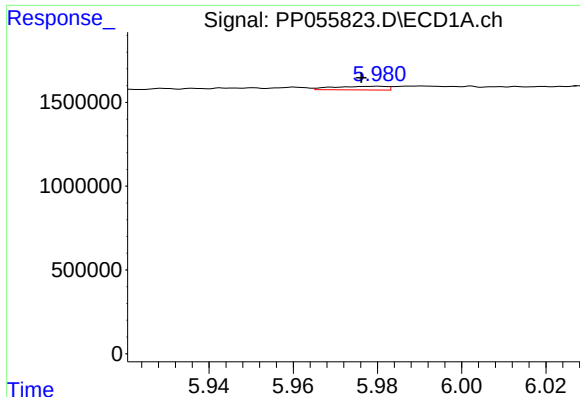
#6 AR-1016-4

R.T.: 5.685 min
Delta R.T.: 0.005 min
Response: 91861
Conc: 2.06 ng/ml



#6 AR-1016-4

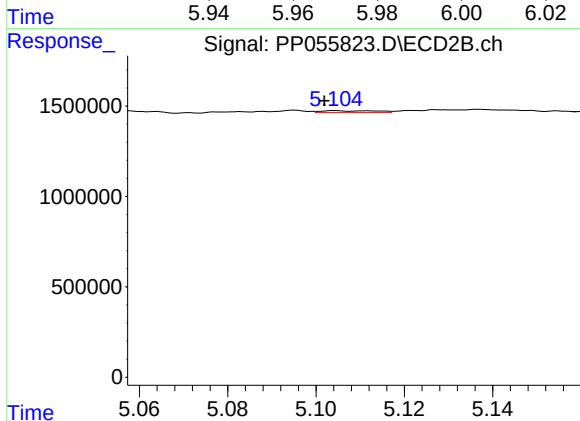
R.T.: 4.898 min
Delta R.T.: 0.010 min
Response: 1535321
Conc: 51.36 ng/ml



#7 AR-1016-5

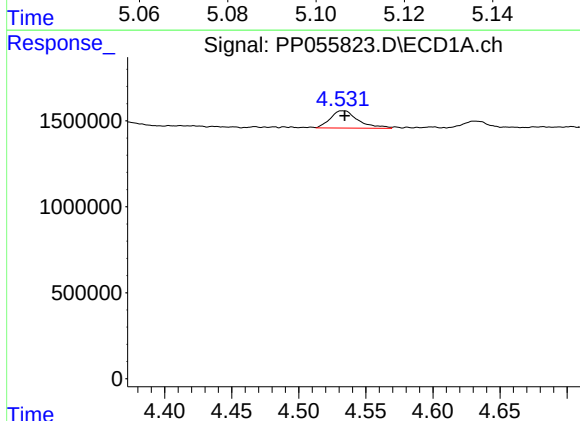
R.T.: 5.980 min
Delta R.T.: 0.004 min
Response: 191431
Conc: 3.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



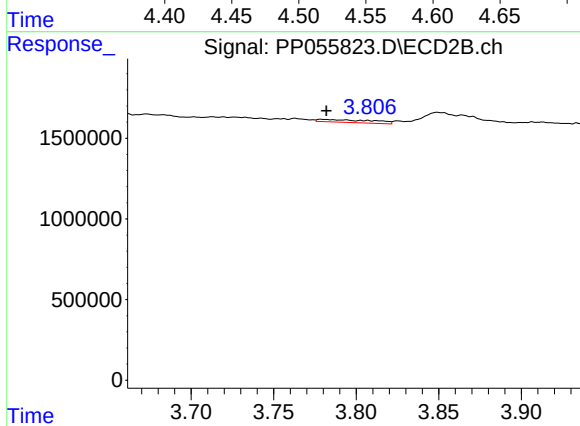
#7 AR-1016-5

R.T.: 5.104 min
Delta R.T.: 0.002 min
Response: 97325
Conc: 2.46 ng/ml



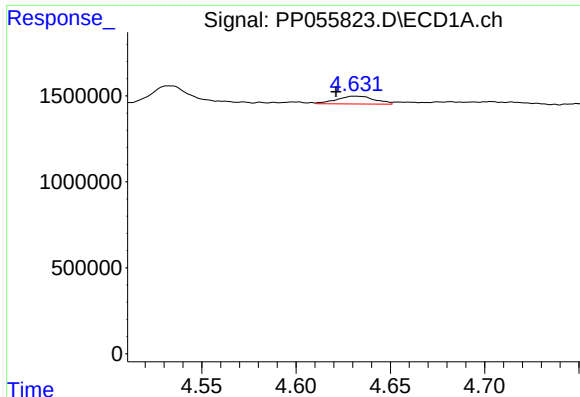
#8 AR-1221-1

R.T.: 4.532 min
Delta R.T.: -0.002 min
Response: 1439364
Conc: 69.15 ng/ml



#8 AR-1221-1

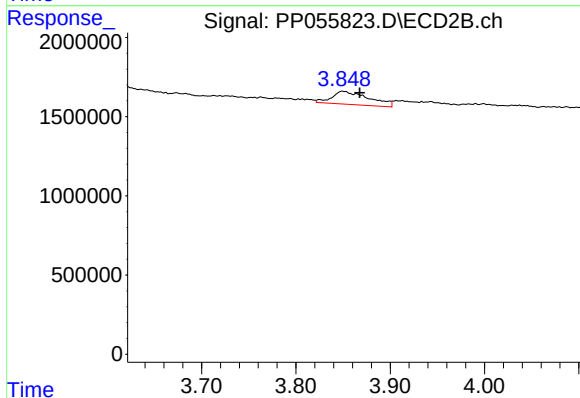
R.T.: 3.779 min
Delta R.T.: -0.003 min
Response: 389598
Conc: 21.69 ng/ml



#9 AR-1221-2

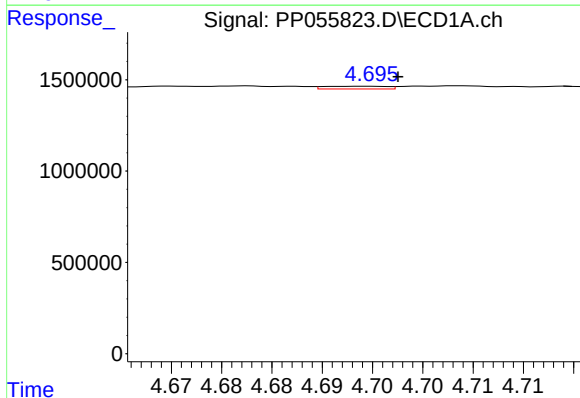
R.T.: 4.631 min
Delta R.T.: 0.010 min
Response: 635639
Conc: 39.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



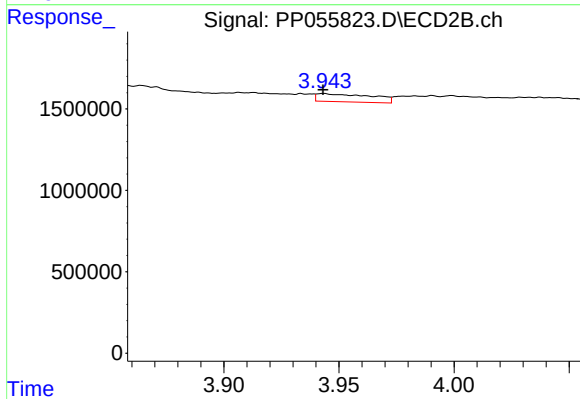
#9 AR-1221-2

R.T.: 3.849 min
Delta R.T.: -0.018 min
Response: 2274793
Conc: 173.21 ng/ml



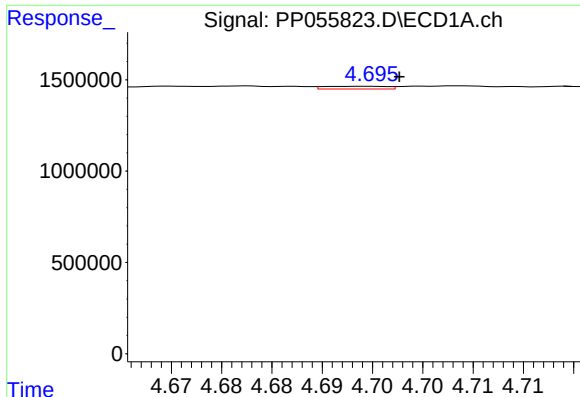
#10 AR-1221-3

R.T.: 4.694 min
Delta R.T.: -0.003 min
Response: 65114
Conc: 1.34 ng/ml



#10 AR-1221-3

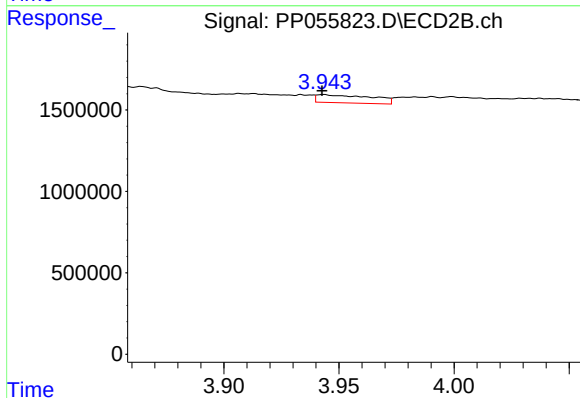
R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 819355
Conc: 19.63 ng/ml



#11 AR-1232-1

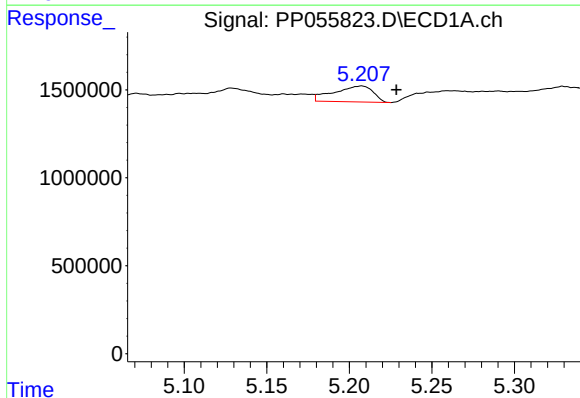
R.T.: 4.694 min
Delta R.T.: -0.003 min
Response: 65114
Conc: 1.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



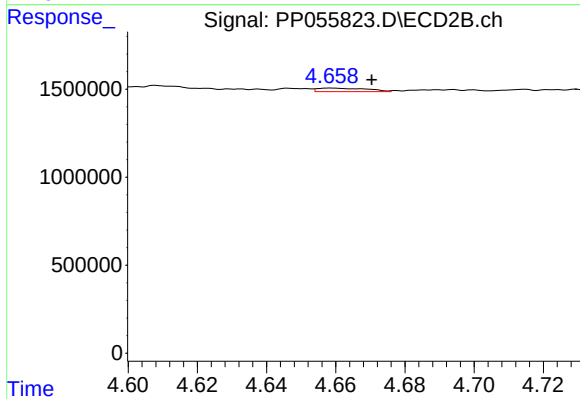
#11 AR-1232-1

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 819355
Conc: 23.80 ng/ml



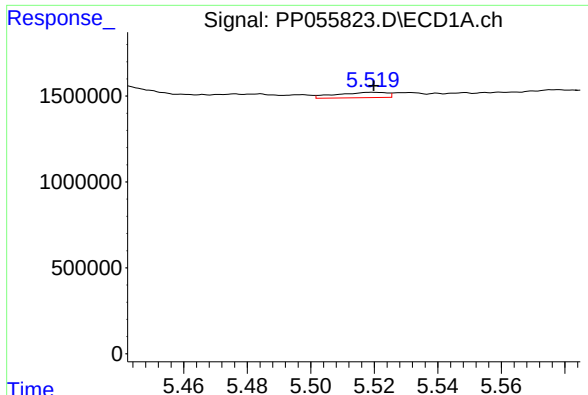
#12 AR-1232-2

R.T.: 5.208 min
Delta R.T.: -0.021 min
Response: 1485155
Conc: 71.50 ng/ml



#12 AR-1232-2

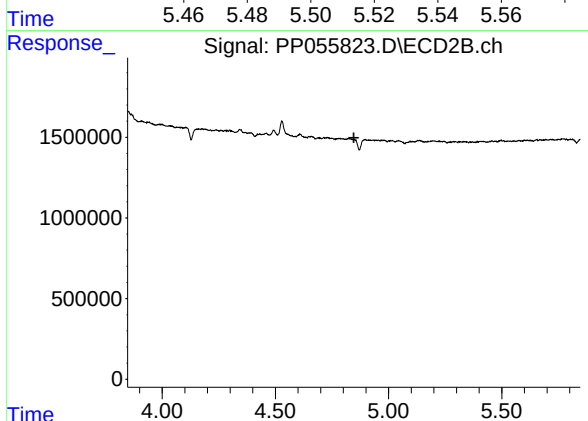
R.T.: 4.659 min
Delta R.T.: -0.012 min
Response: 199747
Conc: 6.81 ng/ml



#13 AR-1232-3

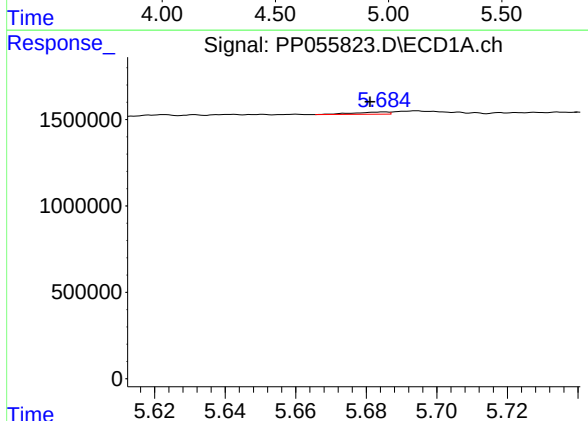
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 343624
Conc: 8.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



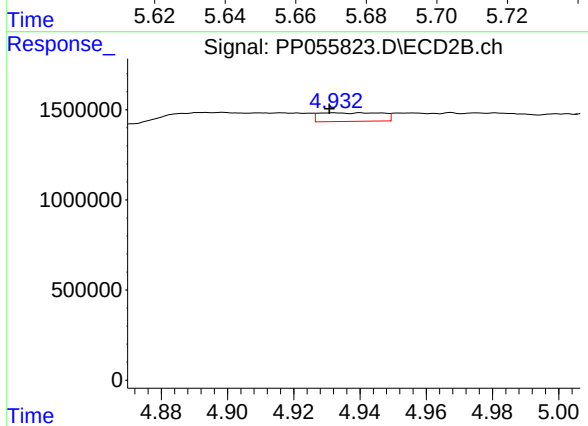
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.847 min
Response: 0
Conc: N.D.



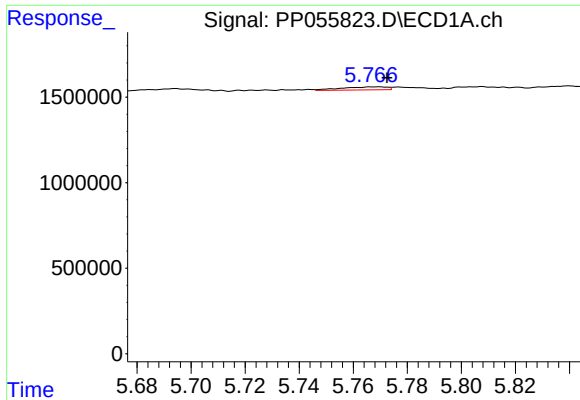
#14 AR-1232-4

R.T.: 5.685 min
Delta R.T.: 0.004 min
Response: 91861
Conc: 4.69 ng/ml



#14 AR-1232-4

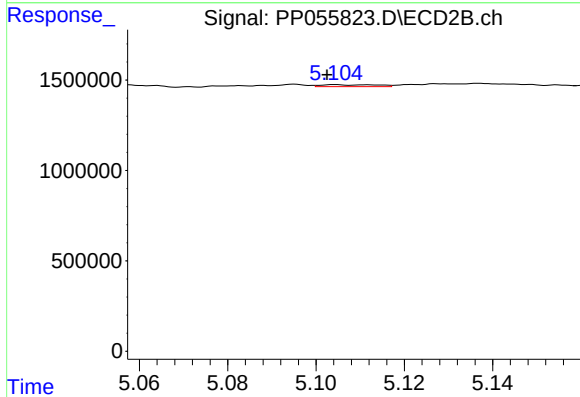
R.T.: 4.932 min
Delta R.T.: 0.001 min
Response: 631601
Conc: 41.66 ng/ml



#15 AR-1232-5

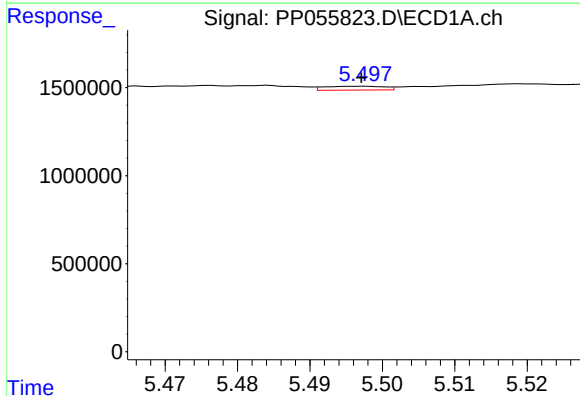
R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 206148
Conc: 12.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



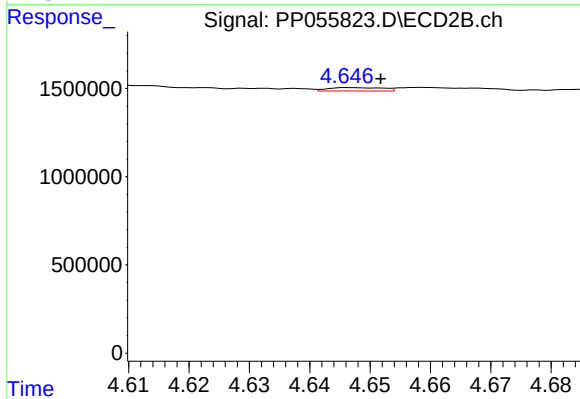
#15 AR-1232-5

R.T.: 5.104 min
Delta R.T.: 0.002 min
Response: 97325
Conc: 5.94 ng/ml



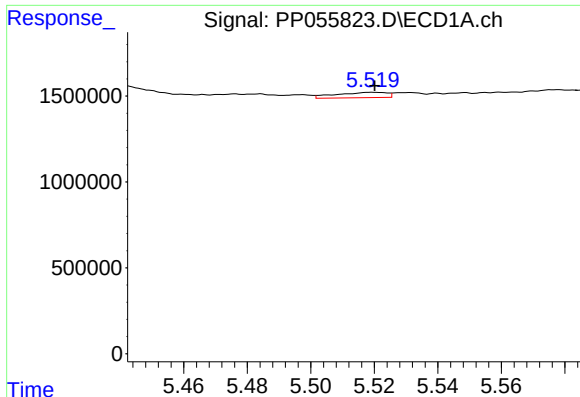
#16 AR-1242-1

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 124390
Conc: 2.58 ng/ml



#16 AR-1242-1

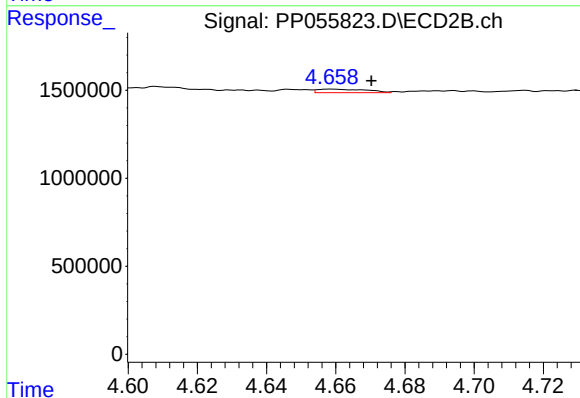
R.T.: 4.647 min
Delta R.T.: -0.005 min
Response: 123692
Conc: 3.36 ng/ml



#17 AR-1242-2

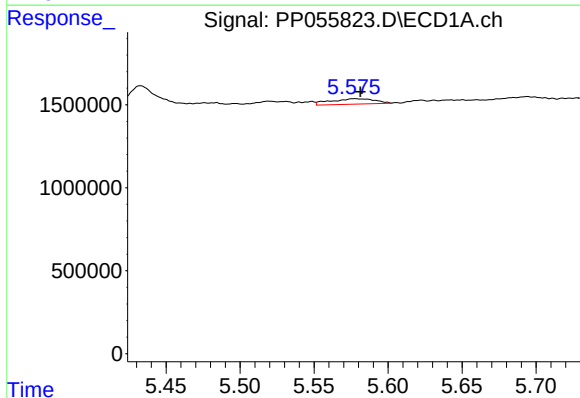
R.T.: 5.519 min
Delta R.T.: -0.001 min
Response: 343624
Conc: 4.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



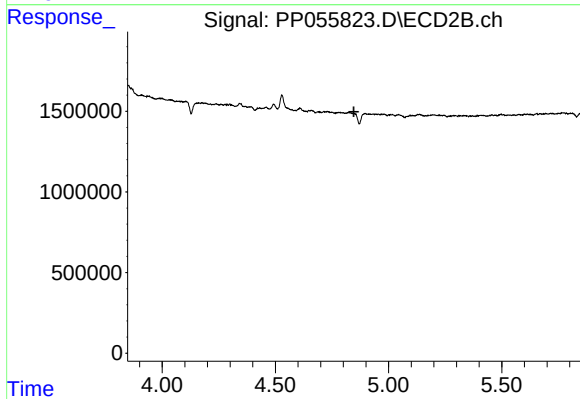
#17 AR-1242-2

R.T.: 4.659 min
Delta R.T.: -0.012 min
Response: 199747
Conc: 3.79 ng/ml



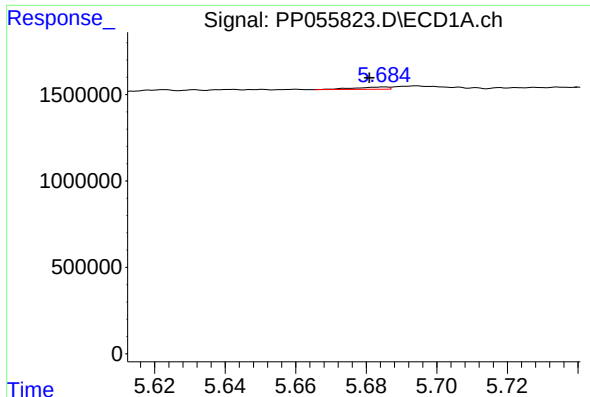
#18 AR-1242-3

R.T.: 5.578 min
Delta R.T.: -0.003 min
Response: 687256
Conc: 15.40 ng/ml



#18 AR-1242-3

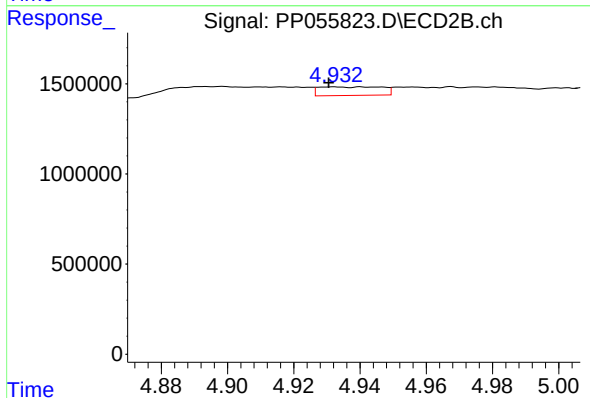
R.T.: 0.000 min
Exp R.T.: 4.847 min
Response: 0
Conc: N.D.



#19 AR-1242-4

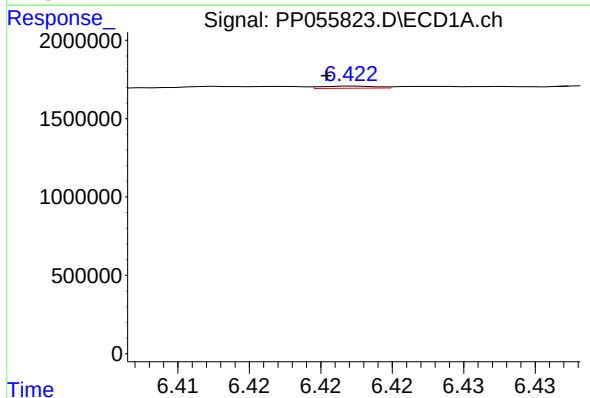
R.T.: 5.685 min
Delta R.T.: 0.004 min
Response: 91861
Conc: 2.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



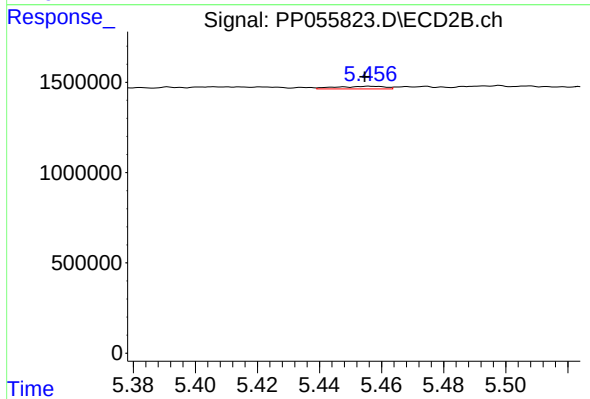
#19 AR-1242-4

R.T.: 4.932 min
Delta R.T.: 0.002 min
Response: 631601
Conc: 20.47 ng/ml



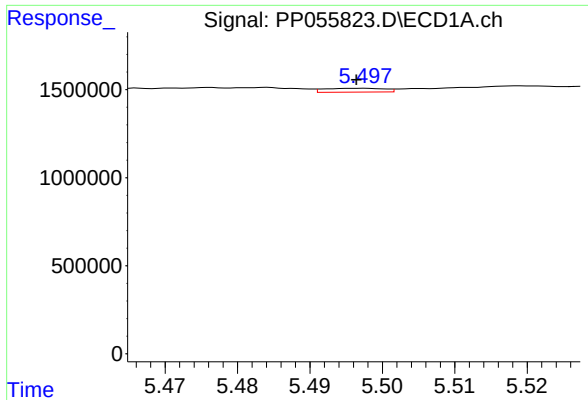
#20 AR-1242-5

R.T.: 6.422 min
Delta R.T.: 0.002 min
Response: 35294
Conc: 0.84 ng/ml



#20 AR-1242-5

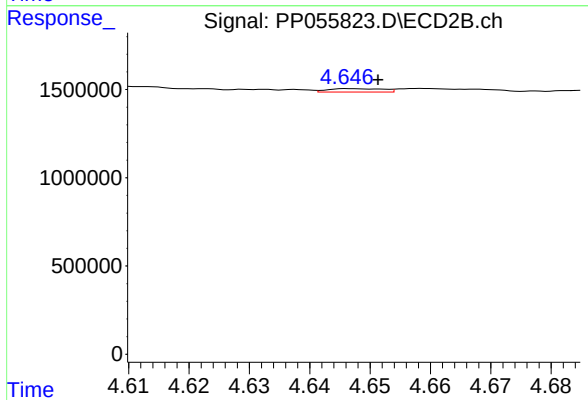
R.T.: 5.456 min
Delta R.T.: 0.002 min
Response: 155530
Conc: 4.67 ng/ml



#21 AR-1248-1

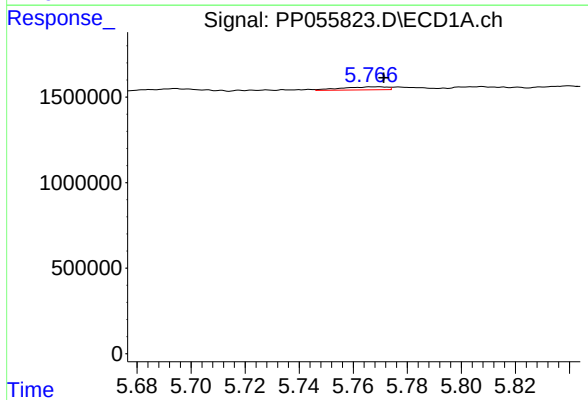
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 124390
Conc: 3.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



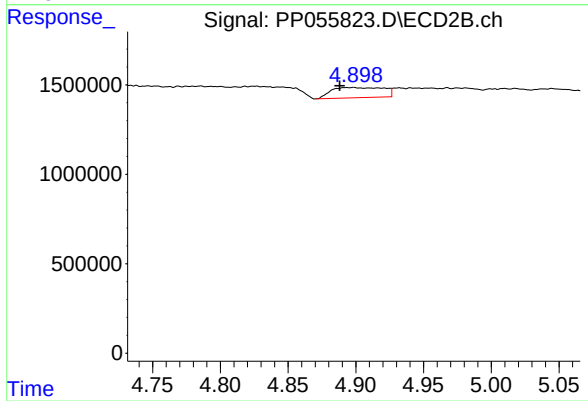
#21 AR-1248-1

R.T.: 4.647 min
Delta R.T.: -0.004 min
Response: 123692
Conc: 4.43 ng/ml



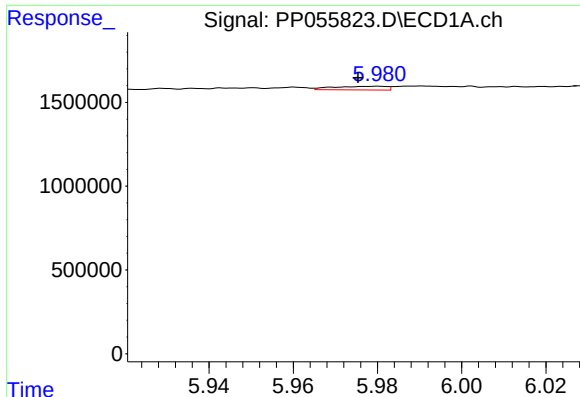
#22 AR-1248-2

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 206148
Conc: 3.58 ng/ml



#22 AR-1248-2

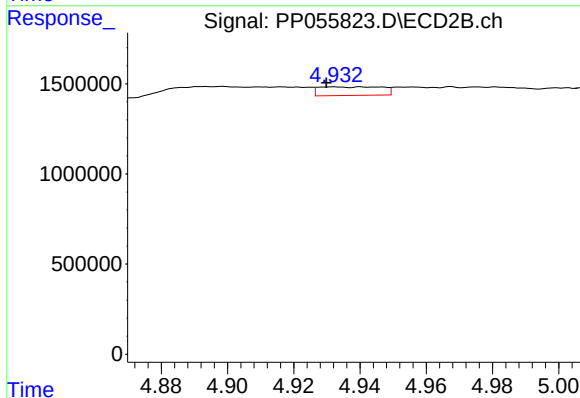
R.T.: 4.898 min
Delta R.T.: 0.010 min
Response: 1535321
Conc: 36.09 ng/ml



#23 AR-1248-3

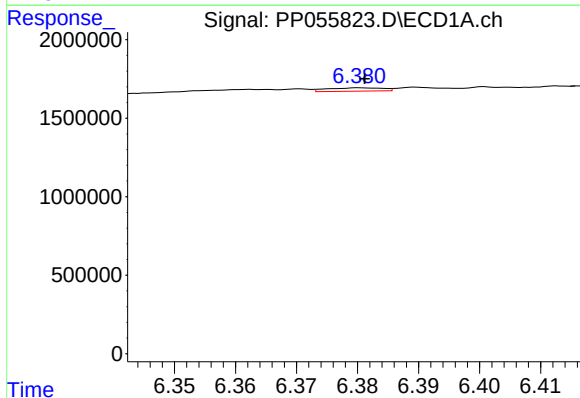
R.T.: 5.980 min
Delta R.T.: 0.005 min
Response: 191431
Conc: 2.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



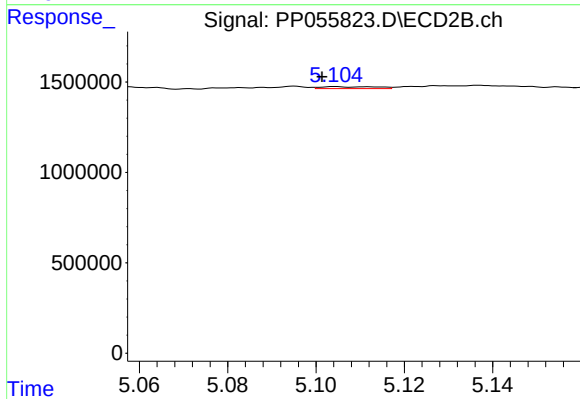
#23 AR-1248-3

R.T.: 4.932 min
Delta R.T.: 0.002 min
Response: 631601
Conc: 14.19 ng/ml



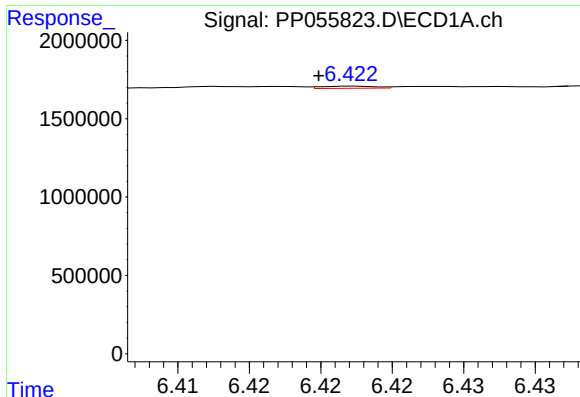
#24 AR-1248-4

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 134847
Conc: 1.86 ng/ml



#24 AR-1248-4

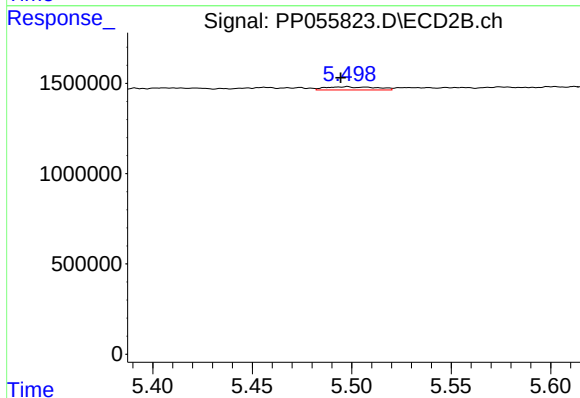
R.T.: 5.104 min
Delta R.T.: 0.003 min
Response: 97325
Conc: 1.90 ng/ml



#25 AR-1248-5

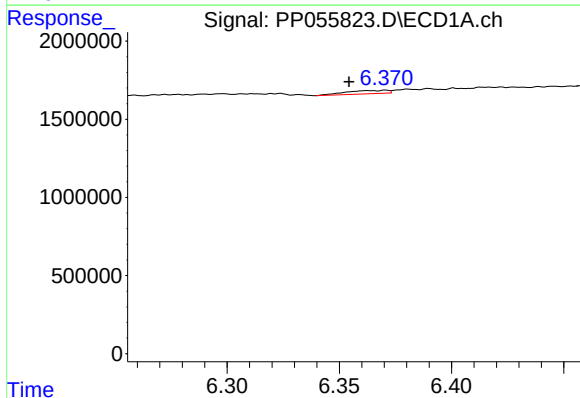
R.T.: 6.422 min
Delta R.T.: 0.002 min
Response: 35294
Conc: 0.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



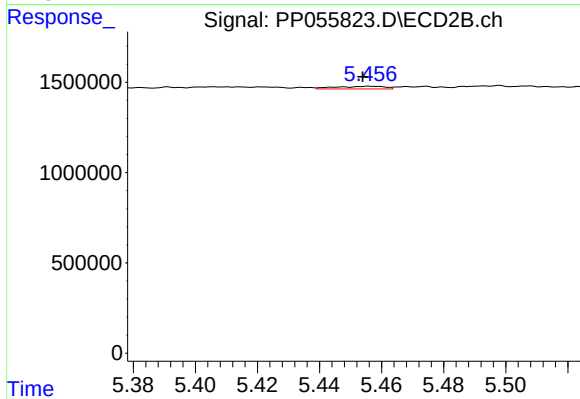
#25 AR-1248-5

R.T.: 5.498 min
Delta R.T.: 0.003 min
Response: 305420
Conc: 6.93 ng/ml



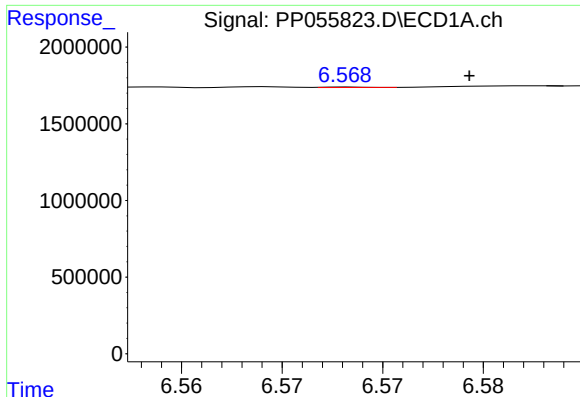
#26 AR-1254-1

R.T.: 6.371 min
Delta R.T.: 0.016 min
Response: 277948
Conc: 3.78 ng/ml



#26 AR-1254-1

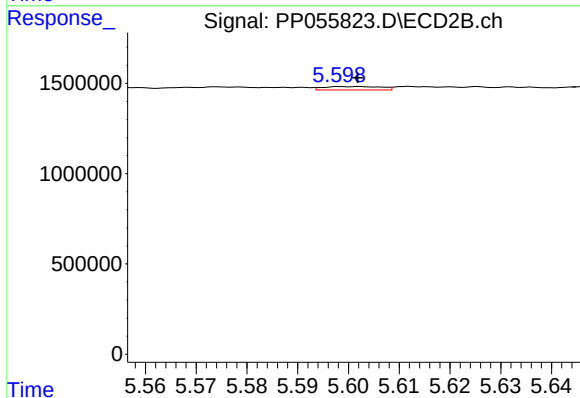
R.T.: 5.456 min
Delta R.T.: 0.002 min
Response: 155530
Conc: 2.11 ng/ml



#27 AR-1254-2

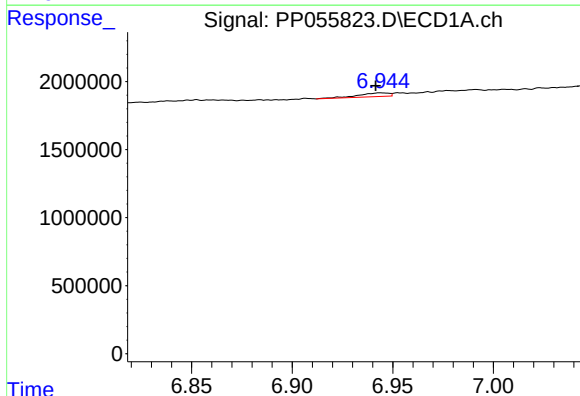
R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 5224
Conc: 0.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



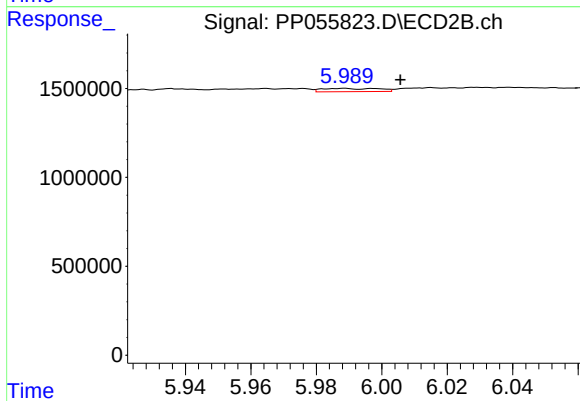
#27 AR-1254-2

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 146771
Conc: 2.33 ng/ml



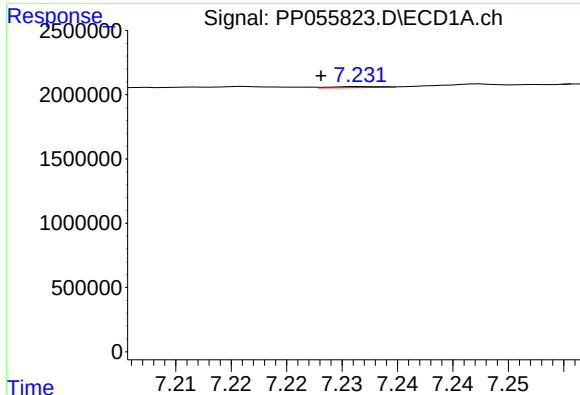
#28 AR-1254-3

R.T.: 6.944 min
Delta R.T.: 0.002 min
Response: 294047
Conc: 2.39 ng/ml



#28 AR-1254-3

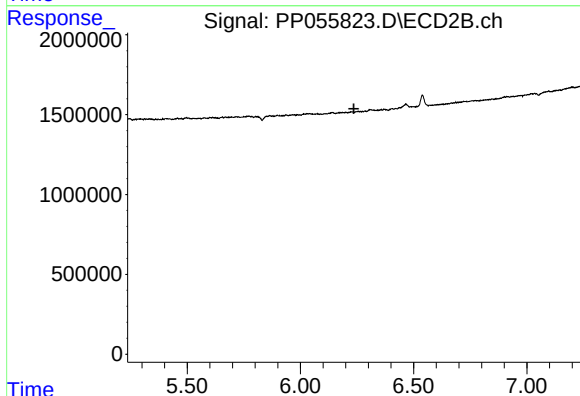
R.T.: 5.988 min
Delta R.T.: -0.017 min
Response: 223490
Conc: 2.28 ng/ml



#29 AR-1254-4

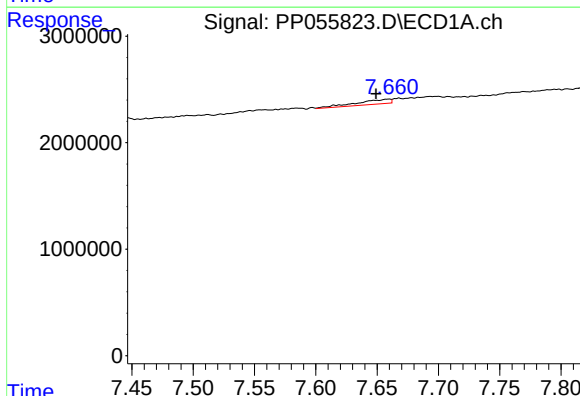
R.T.: 7.232 min
Delta R.T.: 0.004 min
Response: 24696
Conc: 0.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



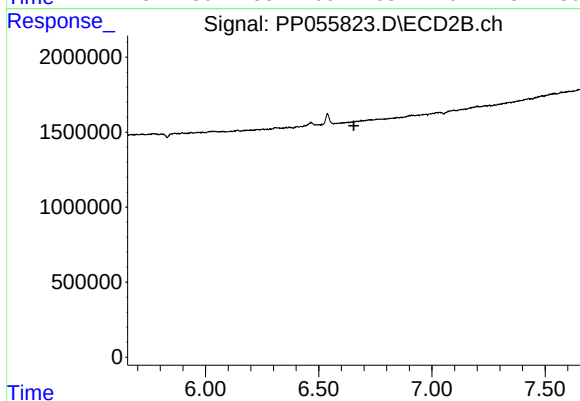
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.236 min
Response: 0
Conc: N.D.



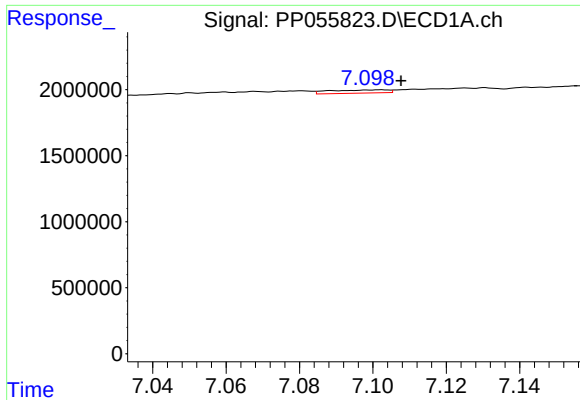
#30 AR-1254-5

R.T.: 7.660 min
Delta R.T.: 0.011 min
Response: 817679
Conc: 7.78 ng/ml



#30 AR-1254-5

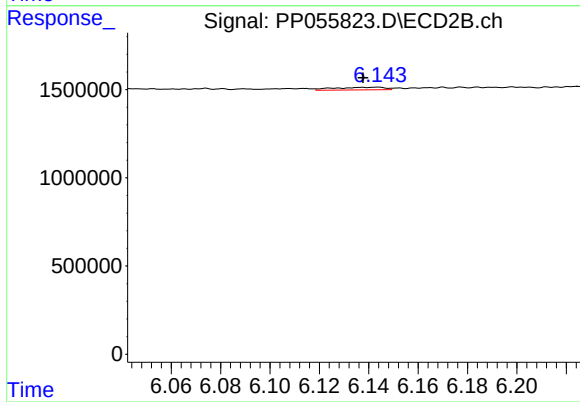
R.T.: 0.000 min
Exp R.T. : 6.655 min
Response: 0
Conc: N.D.



#31 AR-1260-1

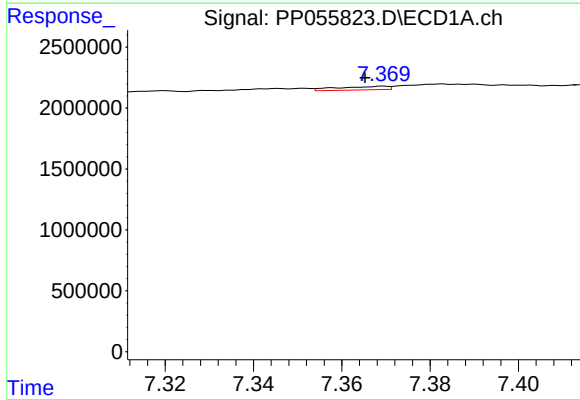
R.T.: 7.102 min
Delta R.T.: -0.006 min
Response: 264358
Conc: 2.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



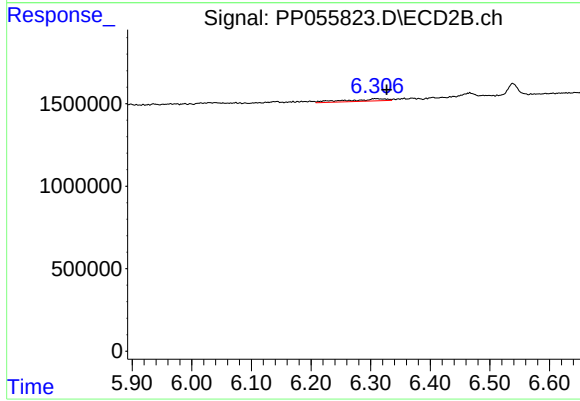
#31 AR-1260-1

R.T.: 6.143 min
Delta R.T.: 0.006 min
Response: 218965
Conc: 3.00 ng/ml



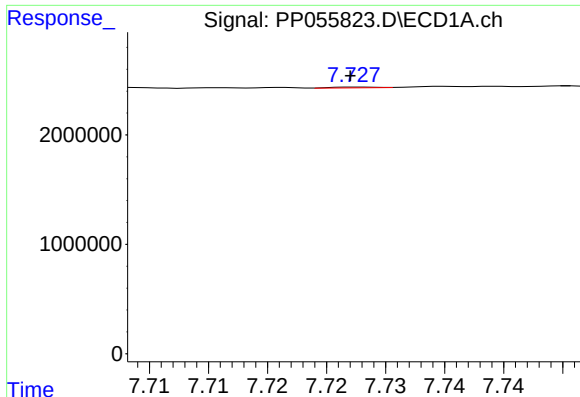
#32 AR-1260-2

R.T.: 7.369 min
Delta R.T.: 0.004 min
Response: 227824
Conc: 1.81 ng/ml



#32 AR-1260-2

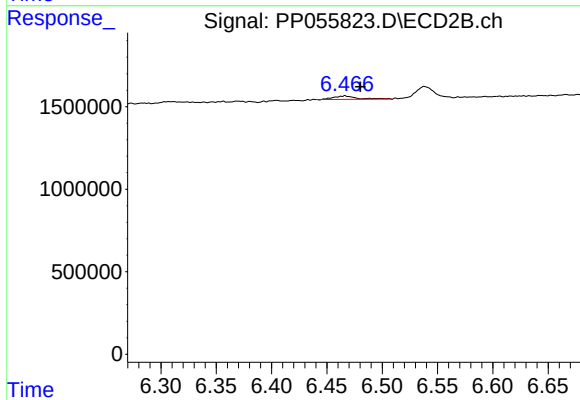
R.T.: 6.309 min
Delta R.T.: -0.018 min
Response: 625388
Conc: 7.66 ng/ml



#33 AR-1260-3

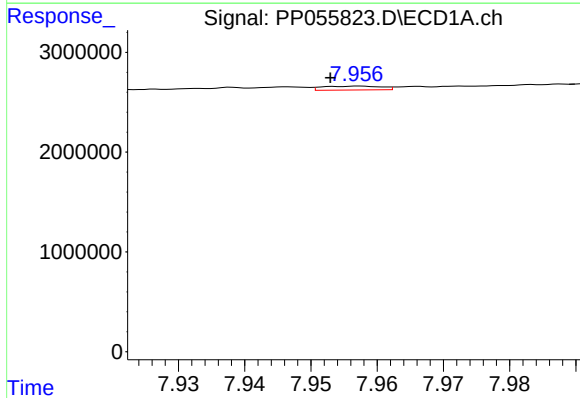
R.T.: 7.728 min
Delta R.T.: 0.000 min
Response: 21158
Conc: 0.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



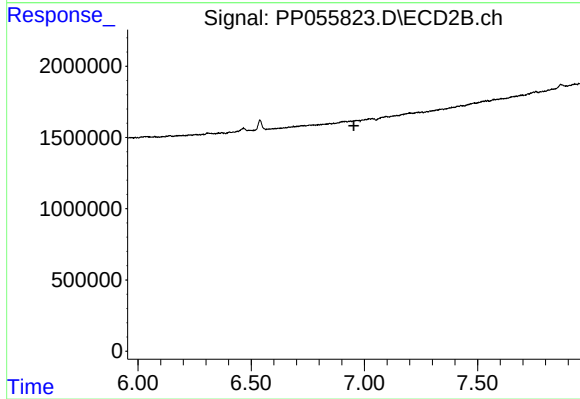
#33 AR-1260-3

R.T.: 6.466 min
Delta R.T.: -0.014 min
Response: 298496
Conc: 3.53 ng/ml



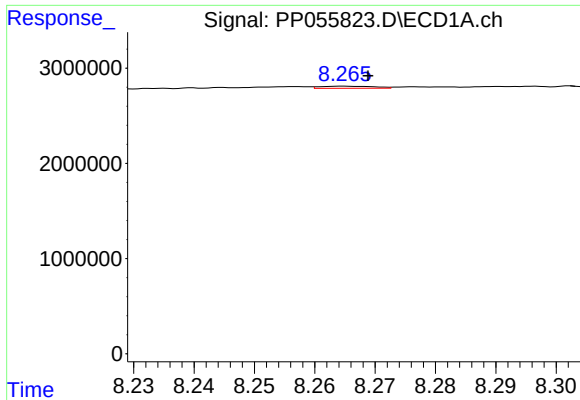
#34 AR-1260-4

R.T.: 7.957 min
Delta R.T.: 0.004 min
Response: 241252
Conc: 2.24 ng/ml



#34 AR-1260-4

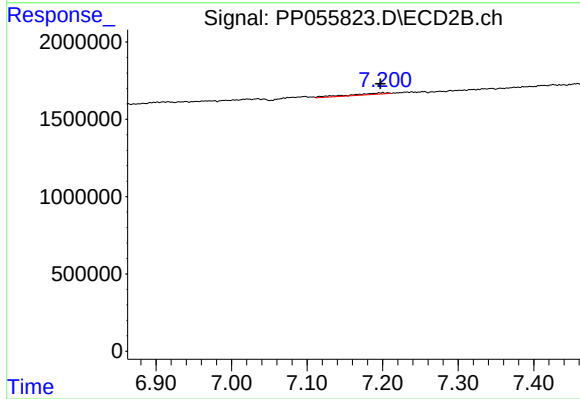
R.T.: 0.000 min
Exp R.T.: 6.954 min
Response: 0
Conc: N.D.



#35 AR-1260-5

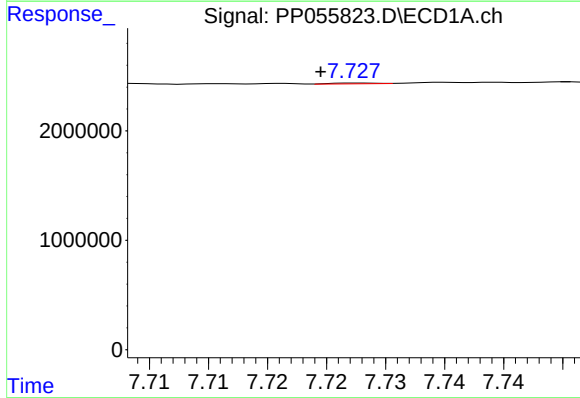
R.T.: 8.265 min
Delta R.T.: -0.004 min
Response: 134497
Conc: 0.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



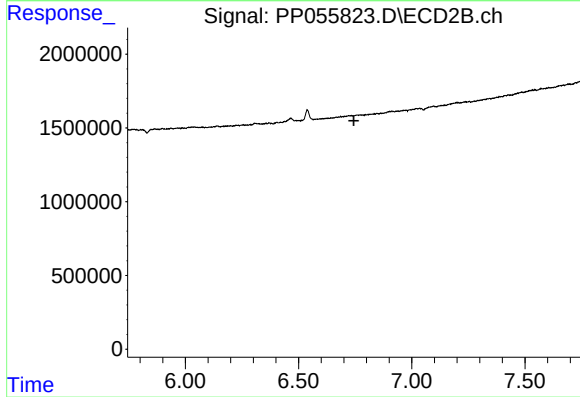
#35 AR-1260-5

R.T.: 7.200 min
Delta R.T.: 0.003 min
Response: 359510
Conc: 2.66 ng/ml



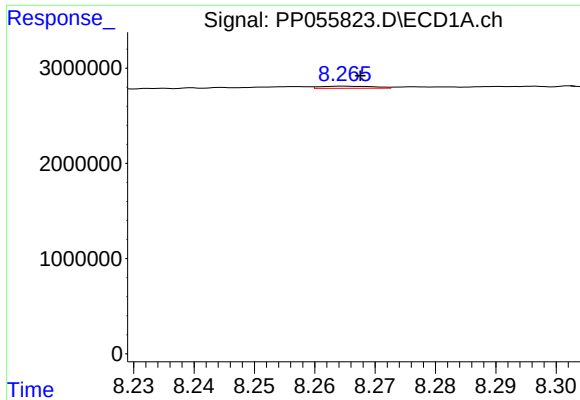
#36 AR-1262-1

R.T.: 7.728 min
Delta R.T.: 0.003 min
Response: 21158
Conc: 0.18 ng/ml



#36 AR-1262-1

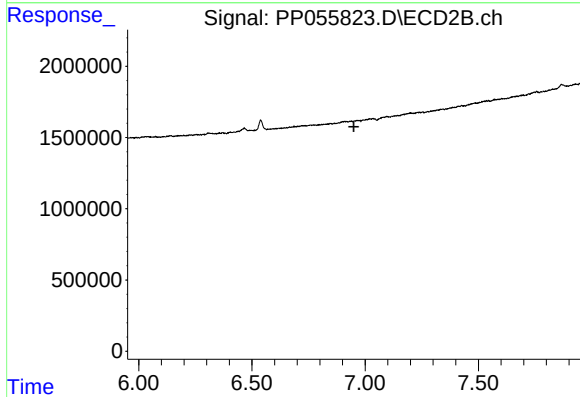
R.T.: 0.000 min
Exp R.T.: 6.745 min
Response: 0
Conc: N.D.



#37 AR-1262-2

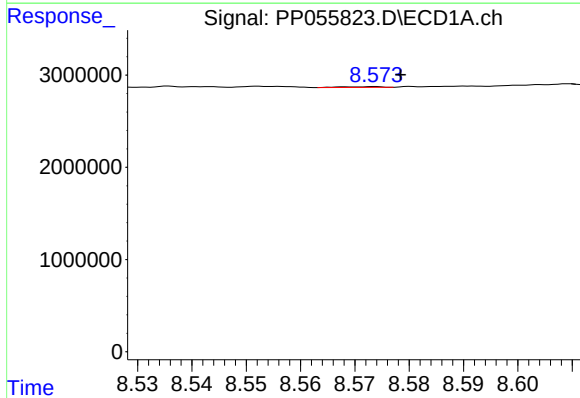
R.T.: 8.265 min
Delta R.T.: -0.003 min
Response: 134497
Conc: 0.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



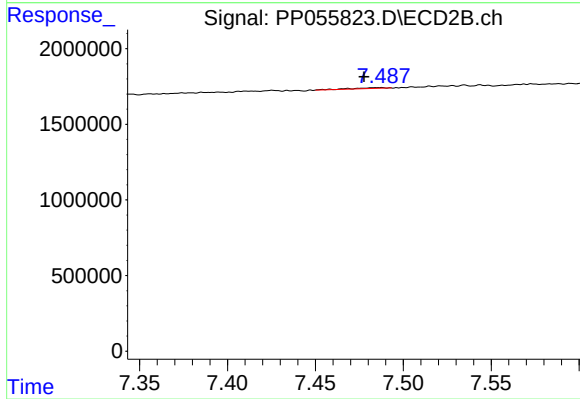
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.950 min
Response: 0
Conc: N.D.



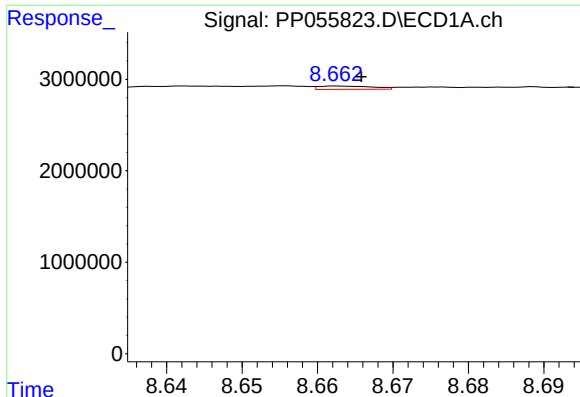
#38 AR-1262-3

R.T.: 8.574 min
Delta R.T.: -0.005 min
Response: 40018
Conc: 0.26 ng/ml



#38 AR-1262-3

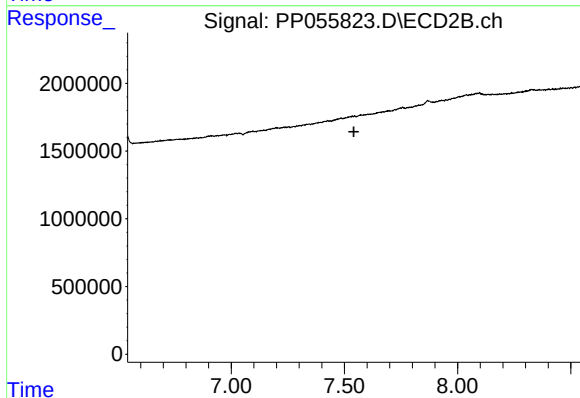
R.T.: 7.486 min
Delta R.T.: 0.008 min
Response: 72614
Conc: 1.31 ng/ml



#39 AR-1262-4

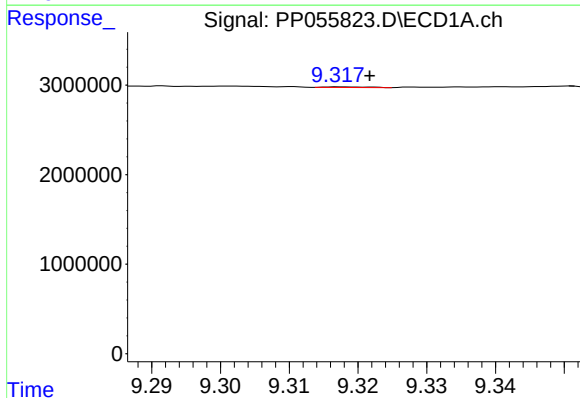
R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 178954
Conc: 2.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



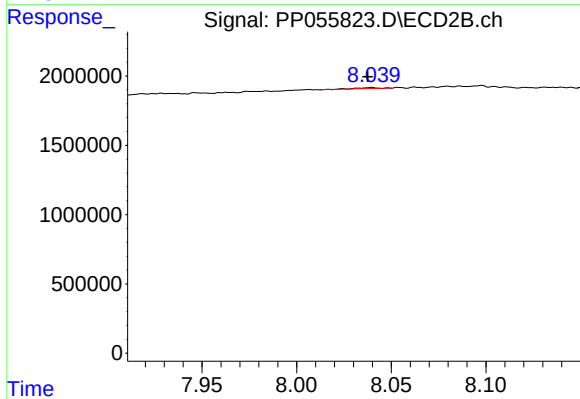
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.542 min
Response: 0
Conc: N.D.



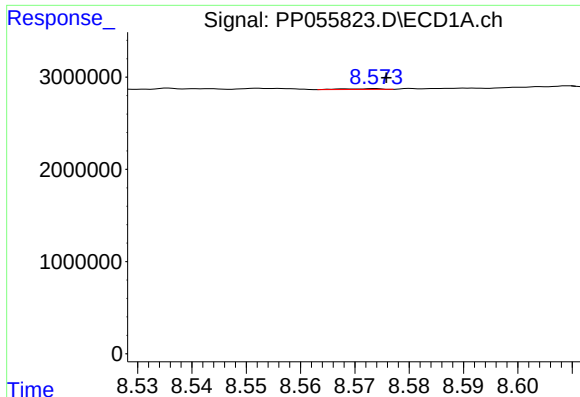
#40 AR-1262-5

R.T.: 9.317 min
Delta R.T.: -0.004 min
Response: 29325
Conc: 0.36 ng/ml



#40 AR-1262-5

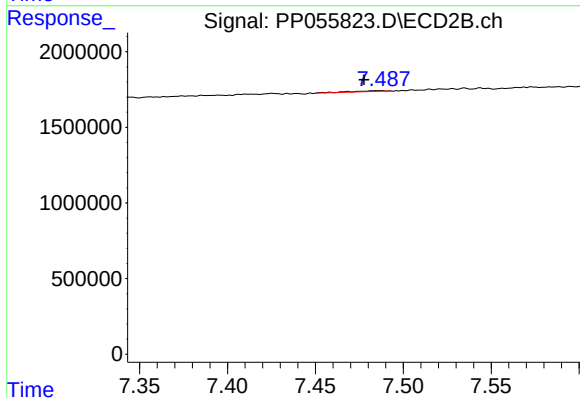
R.T.: 8.039 min
Delta R.T.: 0.002 min
Response: 56712
Conc: 1.25 ng/ml



#41 AR-1268-1

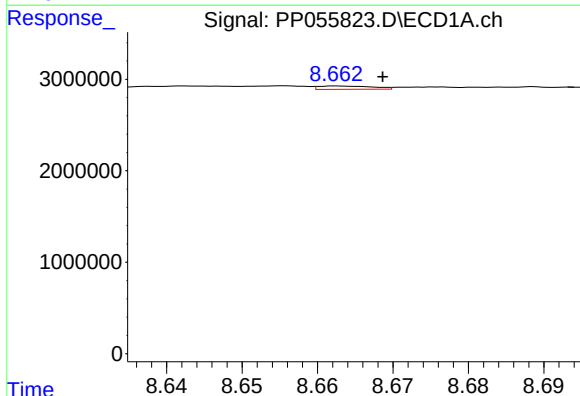
R.T.: 8.574 min
Delta R.T.: -0.002 min
Response: 40018
Conc: 0.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



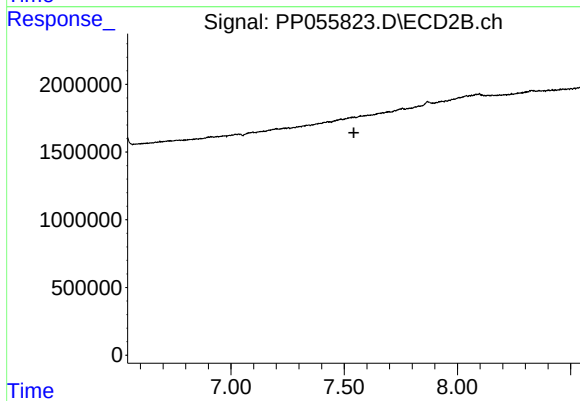
#41 AR-1268-1

R.T.: 7.486 min
Delta R.T.: 0.008 min
Response: 72614
Conc: 0.43 ng/ml



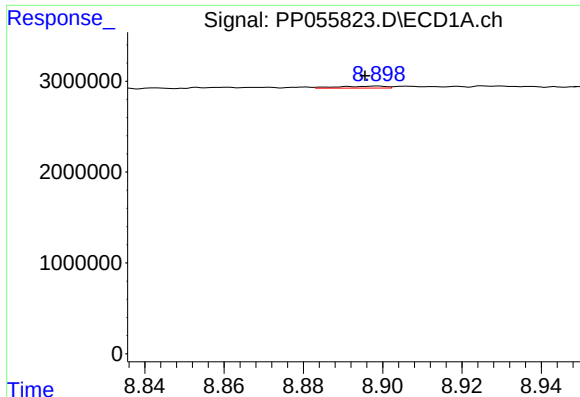
#42 AR-1268-2

R.T.: 8.663 min
Delta R.T.: -0.006 min
Response: 178954
Conc: 0.67 ng/ml



#42 AR-1268-2

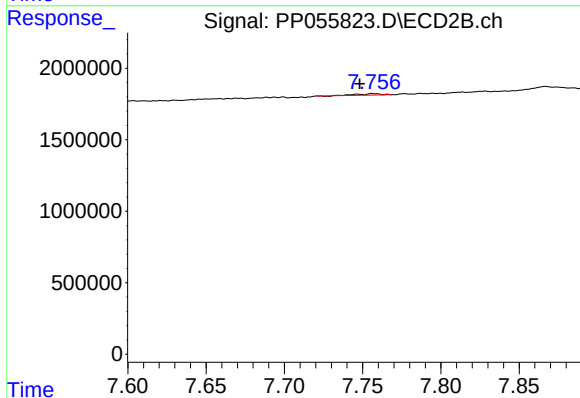
R.T.: 0.000 min
Exp R.T. : 7.543 min
Response: 0
Conc: N.D.



#43 AR-1268-3

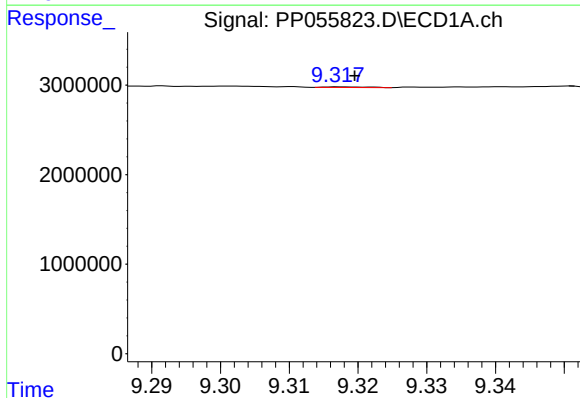
R.T.: 8.899 min
Delta R.T.: 0.003 min
Response: 177537
Conc: 0.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



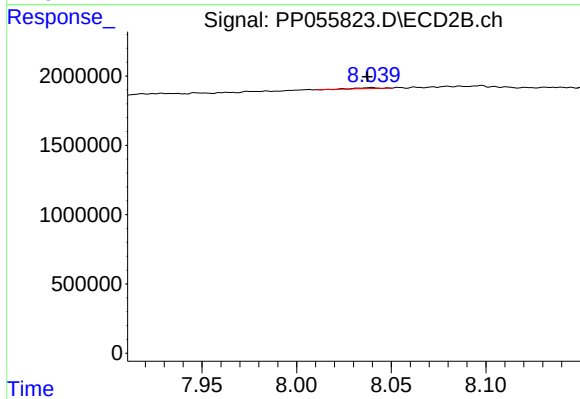
#43 AR-1268-3

R.T.: 7.757 min
Delta R.T.: 0.009 min
Response: 104450
Conc: 0.76 ng/ml



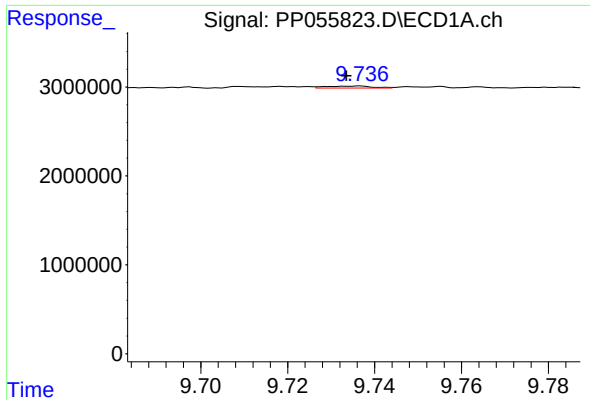
#44 AR-1268-4

R.T.: 9.317 min
Delta R.T.: -0.002 min
Response: 29325
Conc: 0.30 ng/ml



#44 AR-1268-4

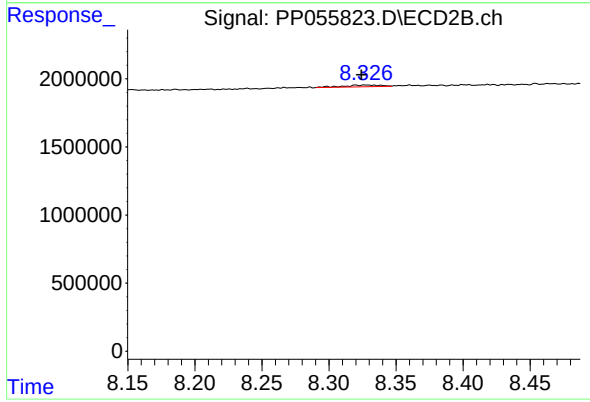
R.T.: 8.039 min
Delta R.T.: 0.002 min
Response: 56712
Conc: 1.03 ng/ml



#45 AR-1268-5

R.T.: 9.736 min
Delta R.T.: 0.003 min
Response: 158216
Conc: 0.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.329 min
Delta R.T.: 0.005 min
Response: 246629
Conc: 0.61 ng/ml