

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031022\
 Data File : PP044485.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2022 17:02
 Operator : YP\AJ
 Sample : N1645-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:54:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030222.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 03 02:21:53 2022
 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...	3.910	3.165	39394801	34808033	19.013	19.897
2)	SA Decachlor...	10.043	8.528	26310810	29957501	19.116	19.529
Target Compounds							
3)	L1 AR-1016-1	5.163	4.308	231377	101506	3.407	1.826 #
4)	L1 AR-1016-2	5.189	4.327	99199	326943	0.980	4.220 #
5)	L1 AR-1016-3	5.254	4.508	303602	204057	4.840	4.757
6)	L1 AR-1016-4	5.364	4.565	85941	27475	1.655	0.815 #
7)	L1 AR-1016-5	5.669	4.788	665210	70984	13.208	1.707 #
8)	L2 AR-1221-1	4.137	3.392	1097919	994347	44.433	43.314
9)	L2 AR-1221-2	4.229	3.480	1287783	1163269	68.637	67.349
10)	L2 AR-1221-3	4.308	3.560	2455276	2151684	43.879	43.272
11)	L3 AR-1232-1	4.308	3.560	2455276	2151684	53.504	51.778
12)	L3 AR-1232-2	4.876	4.327	240894	326943	10.704	9.467
13)	L3 AR-1232-3	5.189	4.508	99199	204057	2.293	10.937 #
14)	L3 AR-1232-4	5.364	4.606	85941	39434	4.280	2.392 #
15)	L3 AR-1232-5	5.451	4.788	73486	70984	4.844	3.921
16)	L4 AR-1242-1	5.163	4.308	231377	101506	4.251	2.214 #
17)	L4 AR-1242-2	5.189	4.327	99199	326943	1.246	5.173 #
18)	L4 AR-1242-3	5.254	4.508	303602	204057	6.429	5.713
19)	L4 AR-1242-4	5.364	4.606	85941	39434	2.220	1.140 #
20)	L4 AR-1242-5	6.163	5.161	567756	207364	13.317	4.909 #
21)	L5 AR-1248-1	5.163	4.308	231377	101506	5.597	2.862 #
22)	L5 AR-1248-2	5.451	4.565	73486	27475	1.310	0.584 #
23)	L5 AR-1248-3	5.669	4.606	665210	39434	9.740	0.800 #
24)	L5 AR-1248-4	6.115	4.788	617723	70984	8.471	1.256 #
25)	L5 AR-1248-5	6.163	5.198	567756	696473	7.730	12.417 #
26)	L6 AR-1254-1	6.097	5.161	365404	207364	4.872	2.508 #
27)	L6 AR-1254-2	6.331	5.318	672071	237128	5.981	3.296 #
28)	L6 AR-1254-3	6.728	5.756	432110	29919	3.693	0.260 #
29)	L6 AR-1254-4	7.025f	6.004	116393	39544	1.448	0.525 #
30)	L6 AR-1254-5	7.522f	6.464	1132579	17056	13.011	0.157 #
31)	L7 AR-1260-1	6.913	5.897	134018	80888	1.525	1.008 #
32)	L7 AR-1260-2	7.198	6.109	65858	28854	0.686	0.293 #
33)	L7 AR-1260-3	7.593	6.267	193158	37752	2.977	0.407 #
34)	L7 AR-1260-4	7.840	6.790	418608	9925	5.367	0.139 #
35)	L7 AR-1260-5	8.167	7.051	372910	82966	2.661	0.502 #
36)	L8 AR-1262-1	7.593	6.504	193158	18527	1.911	0.179 #
37)	L8 AR-1262-2	8.167	6.790	372910	9925	2.246	0.104 #
38)	L8 AR-1262-3	8.504	7.354	282548	37938	2.525	0.481 #
39)	L8 AR-1262-4	8.595	7.431	91899	24030	1.851	0.166 #
40)	L8 AR-1262-5	0.000	7.973	0	45697	N.D.	0.638 #
41)	L9 AR-1268-1	8.504	7.354	282548	37938	1.447	0.167 #

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 Operator : YP\AJ
 Sample : N1645-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 28 Sample Multiplier: 1

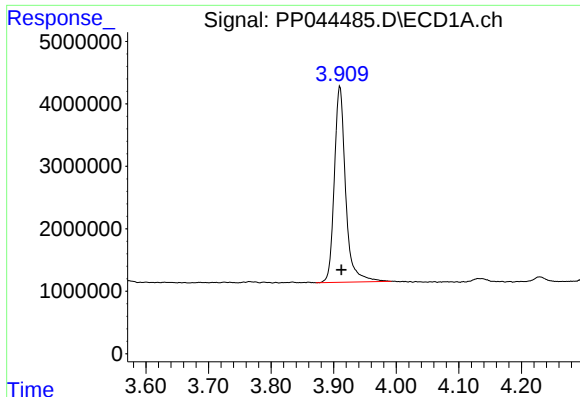
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:54:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030222.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	8.595	7.431	91899	24030	0.505	0.117 #
43) L9	AR-1268-3	8.840	7.652	143925	22322	0.932	0.128 #
44) L9	AR-1268-4	0.000	7.973	0	45697	N.D.	0.563 #
45) L9	AR-1268-5	9.697	8.271	181670	62750	0.387	0.116 #

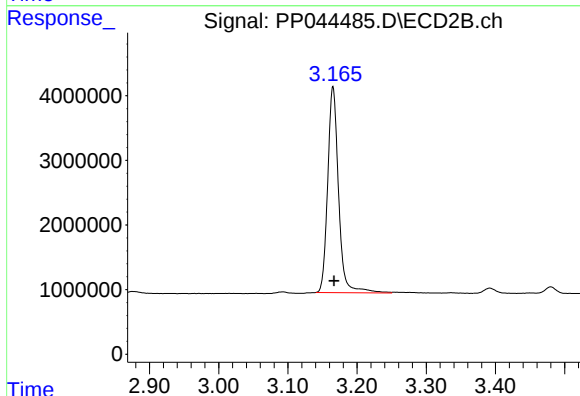
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

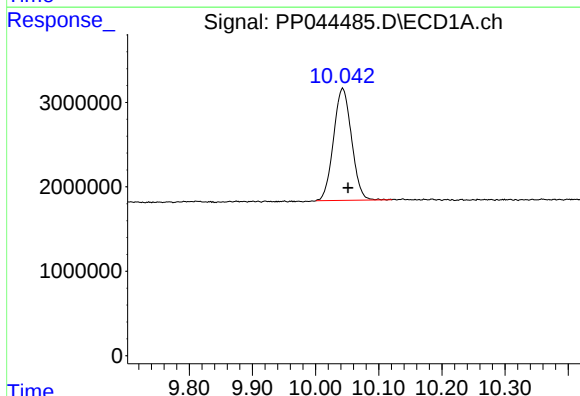
R.T.: 3.910 min
Delta R.T.: -0.002 min
Response: 39394801
Conc: 19.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



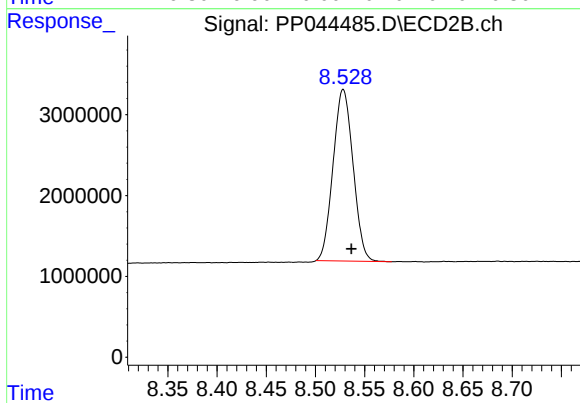
#1 Tetrachloro-m-xylene

R.T.: 3.165 min
Delta R.T.: -0.002 min
Response: 34808033
Conc: 19.90 ng/ml



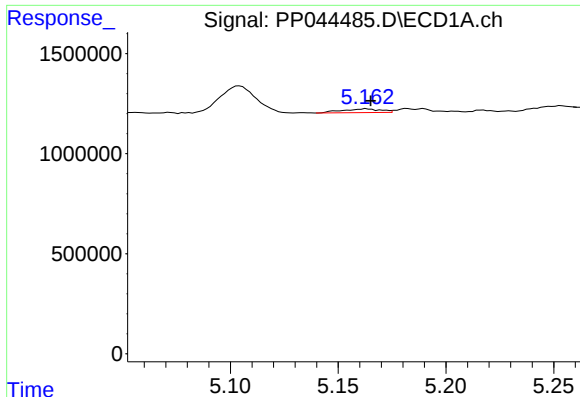
#2 Decachlorobiphenyl

R.T.: 10.043 min
Delta R.T.: -0.009 min
Response: 26310810
Conc: 19.12 ng/ml



#2 Decachlorobiphenyl

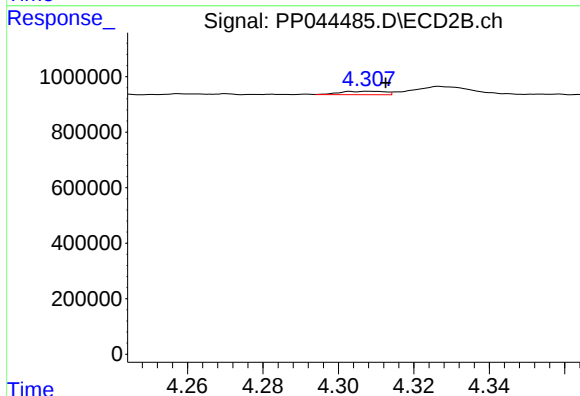
R.T.: 8.528 min
Delta R.T.: -0.008 min
Response: 29957501
Conc: 19.53 ng/ml



#3 AR-1016-1

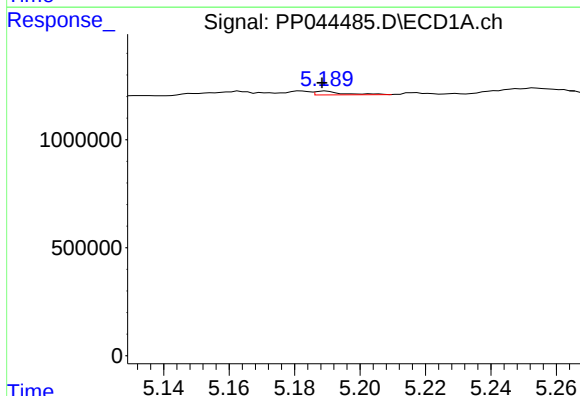
R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 231377
Conc: 3.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



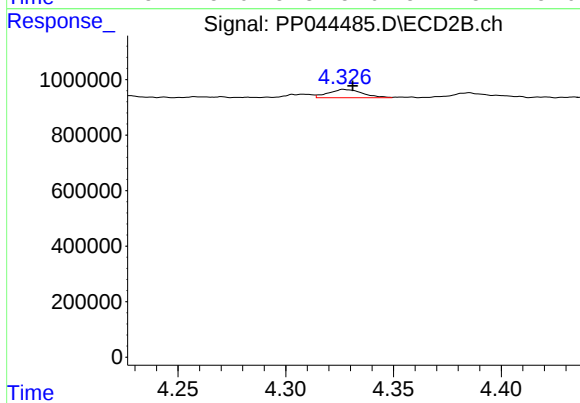
#3 AR-1016-1

R.T.: 4.308 min
Delta R.T.: -0.005 min
Response: 101506
Conc: 1.83 ng/ml



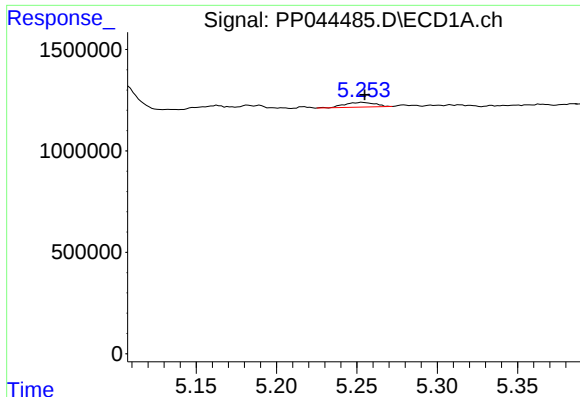
#4 AR-1016-2

R.T.: 5.189 min
Delta R.T.: 0.001 min
Response: 99199
Conc: 0.98 ng/ml



#4 AR-1016-2

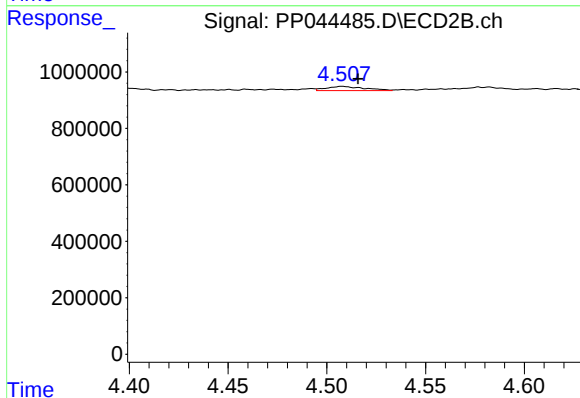
R.T.: 4.327 min
Delta R.T.: -0.004 min
Response: 326943
Conc: 4.22 ng/ml



#5 AR-1016-3

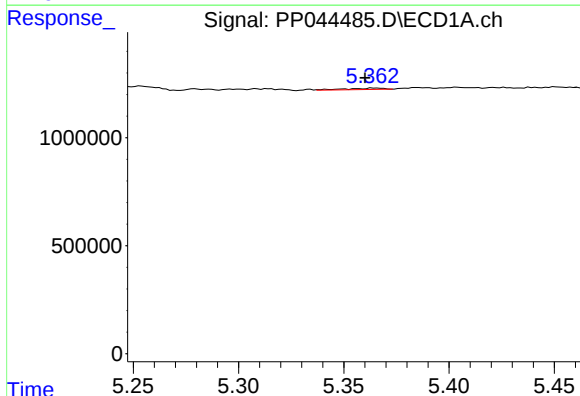
R.T.: 5.254 min
Delta R.T.: -0.001 min
Response: 303602
Conc: 4.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



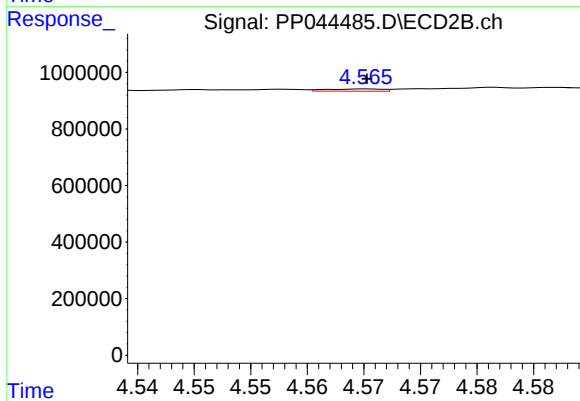
#5 AR-1016-3

R.T.: 4.508 min
Delta R.T.: -0.008 min
Response: 204057
Conc: 4.76 ng/ml



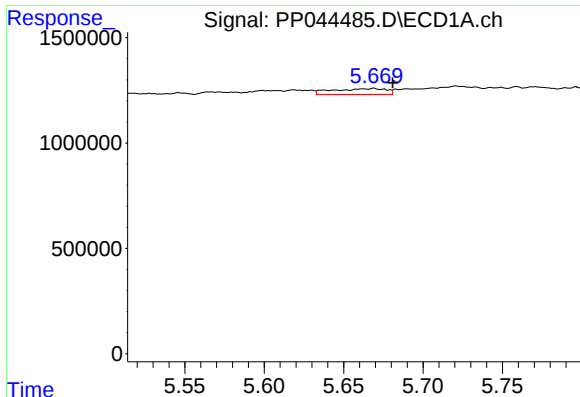
#6 AR-1016-4

R.T.: 5.364 min
Delta R.T.: 0.004 min
Response: 85941
Conc: 1.66 ng/ml



#6 AR-1016-4

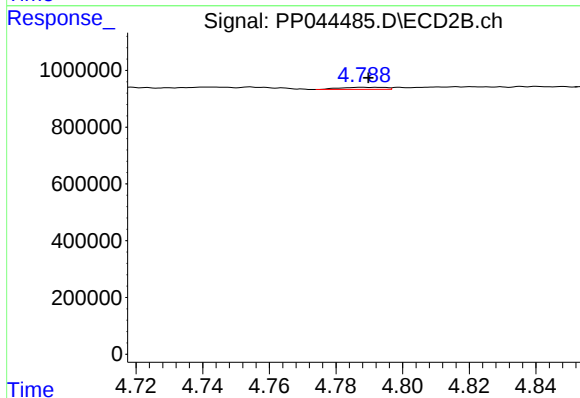
R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 27475
Conc: 0.82 ng/ml



#7 AR-1016-5

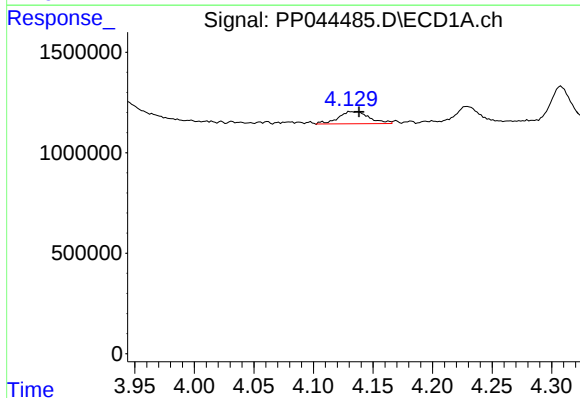
R.T.: 5.669 min
Delta R.T.: -0.011 min
Response: 665210
Conc: 13.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



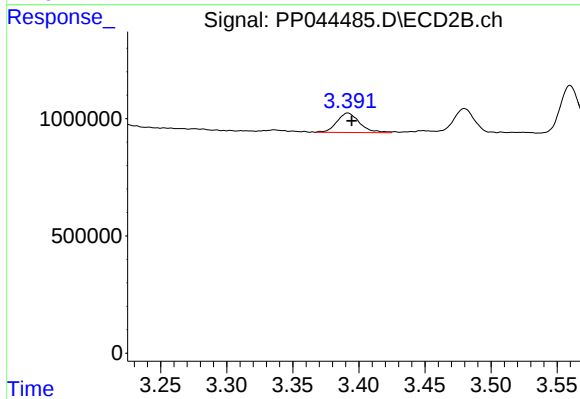
#7 AR-1016-5

R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 70984
Conc: 1.71 ng/ml



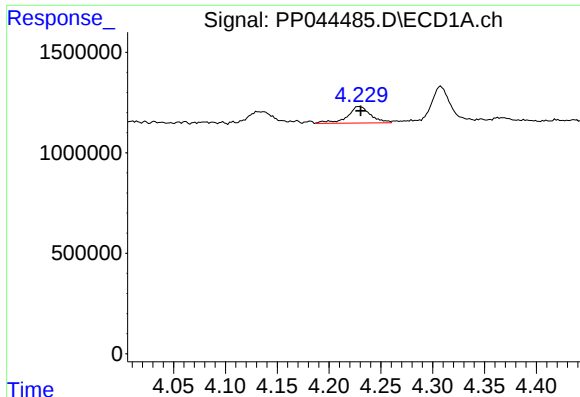
#8 AR-1221-1

R.T.: 4.137 min
Delta R.T.: -0.002 min
Response: 1097919
Conc: 44.43 ng/ml



#8 AR-1221-1

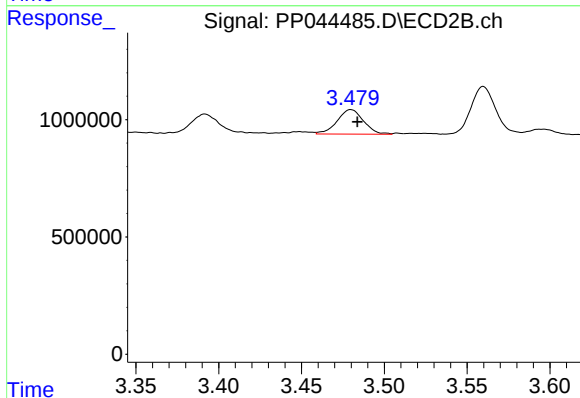
R.T.: 3.392 min
Delta R.T.: -0.003 min
Response: 994347
Conc: 43.31 ng/ml



#9 AR-1221-2

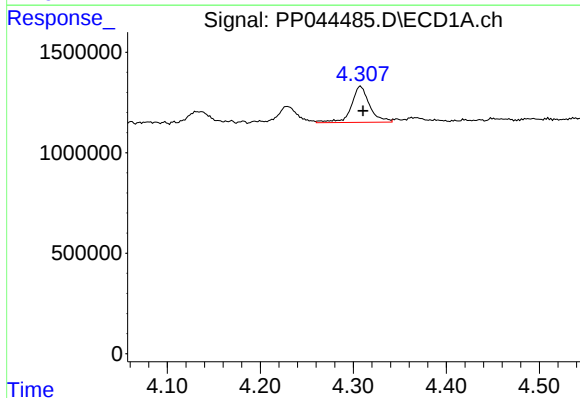
R.T.: 4.229 min
Delta R.T.: -0.002 min
Response: 1287783
Conc: 68.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



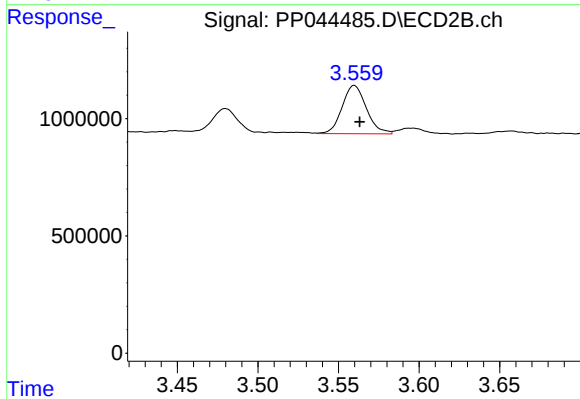
#9 AR-1221-2

R.T.: 3.480 min
Delta R.T.: -0.004 min
Response: 1163269
Conc: 67.35 ng/ml



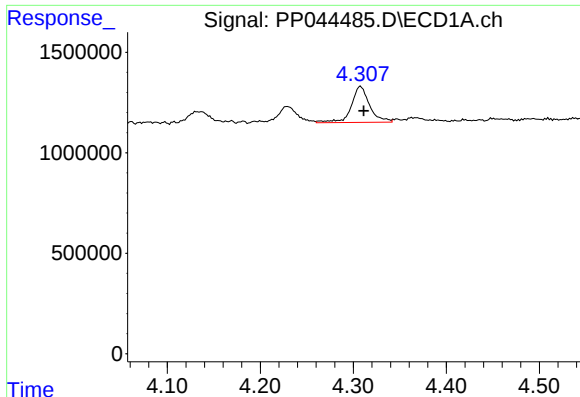
#10 AR-1221-3

R.T.: 4.308 min
Delta R.T.: -0.003 min
Response: 2455276
Conc: 43.88 ng/ml



#10 AR-1221-3

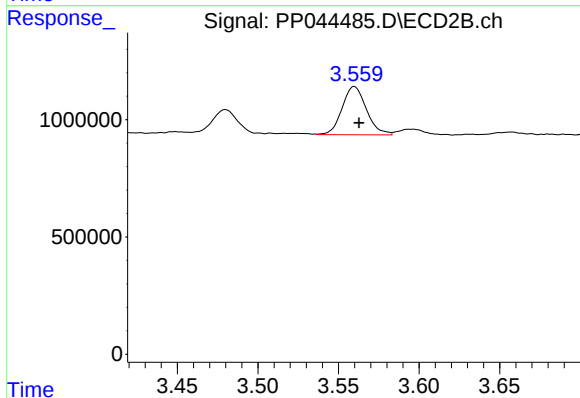
R.T.: 3.560 min
Delta R.T.: -0.003 min
Response: 2151684
Conc: 43.27 ng/ml



#11 AR-1232-1

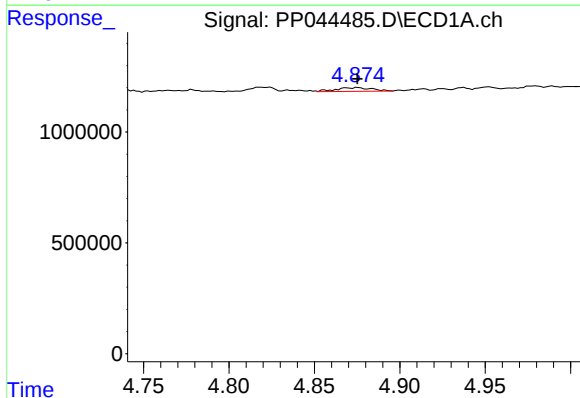
R.T.: 4.308 min
Delta R.T.: -0.004 min
Response: 2455276
Conc: 53.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



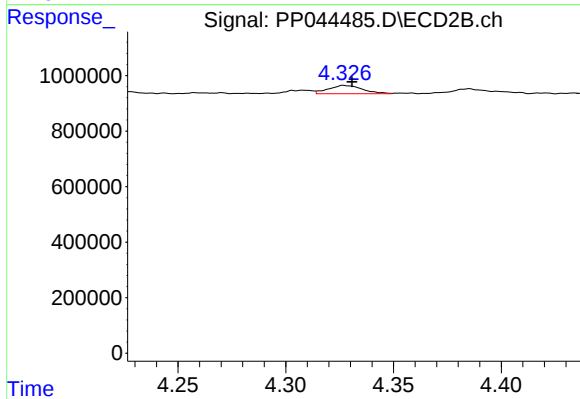
#11 AR-1232-1

R.T.: 3.560 min
Delta R.T.: -0.003 min
Response: 2151684
Conc: 51.78 ng/ml



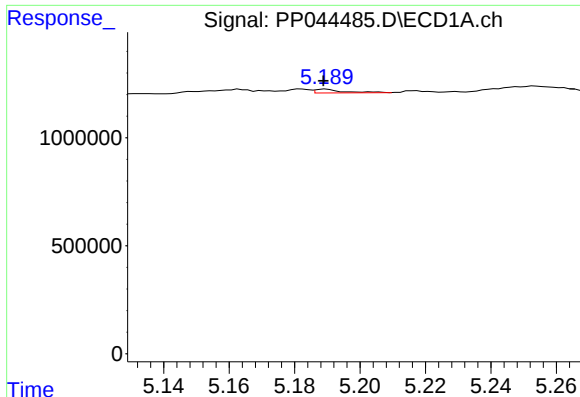
#12 AR-1232-2

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 240894
Conc: 10.70 ng/ml



#12 AR-1232-2

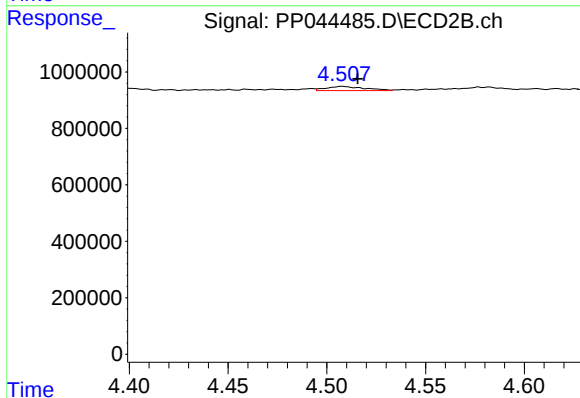
R.T.: 4.327 min
Delta R.T.: -0.004 min
Response: 326943
Conc: 9.47 ng/ml



#13 AR-1232-3

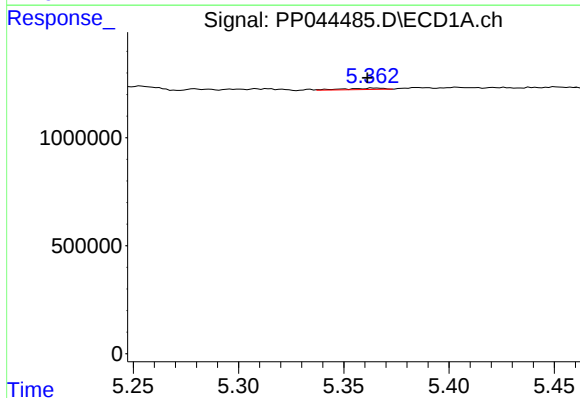
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 99199
Conc: 2.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



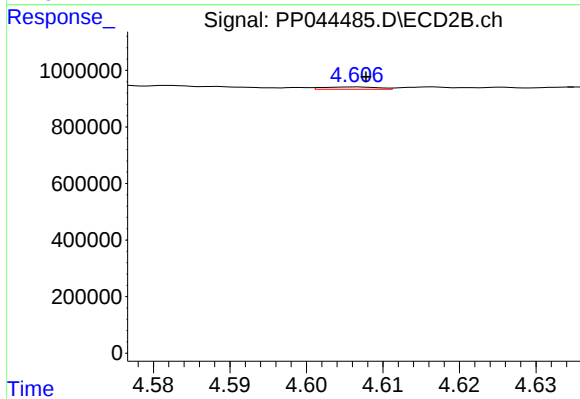
#13 AR-1232-3

R.T.: 4.508 min
Delta R.T.: -0.008 min
Response: 204057
Conc: 10.94 ng/ml



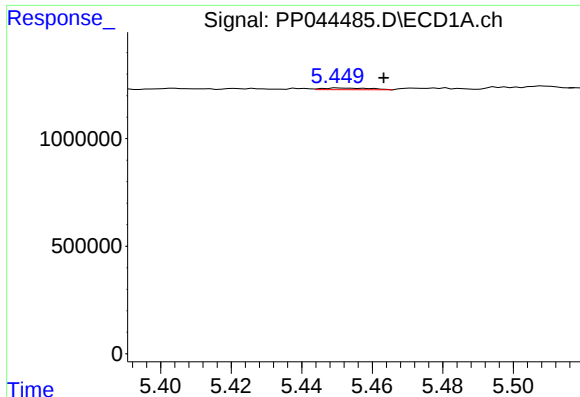
#14 AR-1232-4

R.T.: 5.364 min
Delta R.T.: 0.003 min
Response: 85941
Conc: 4.28 ng/ml



#14 AR-1232-4

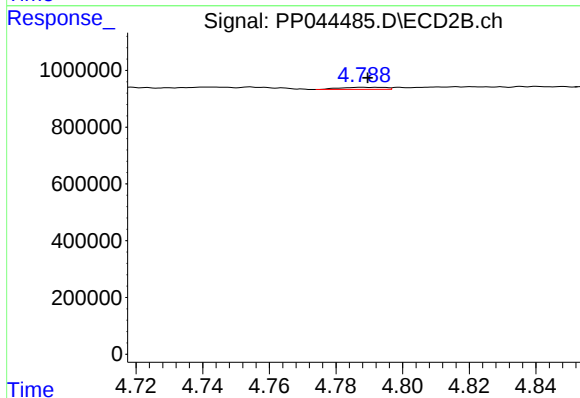
R.T.: 4.606 min
Delta R.T.: -0.001 min
Response: 39434
Conc: 2.39 ng/ml



#15 AR-1232-5

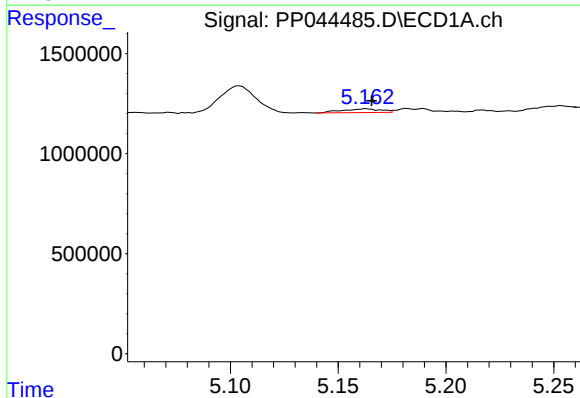
R.T.: 5.451 min
Delta R.T.: -0.012 min
Response: 73486
Conc: 4.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



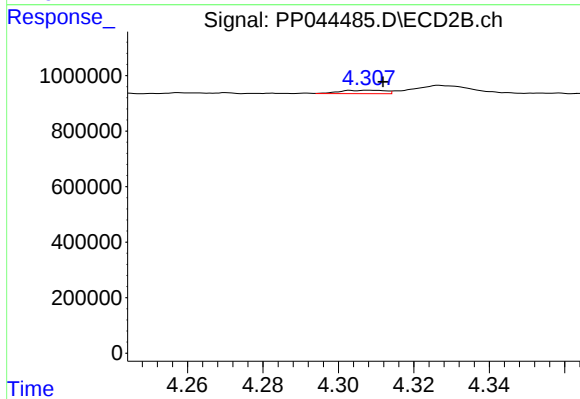
#15 AR-1232-5

R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 70984
Conc: 3.92 ng/ml



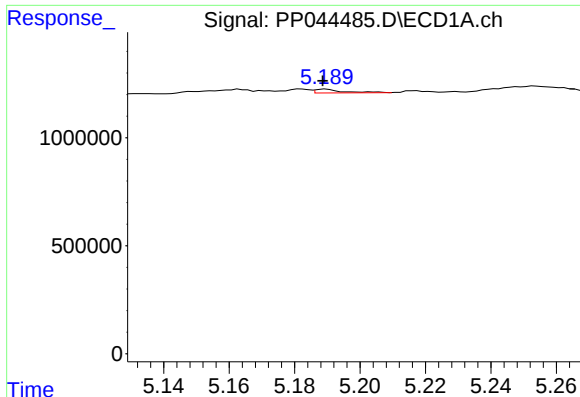
#16 AR-1242-1

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 231377
Conc: 4.25 ng/ml



#16 AR-1242-1

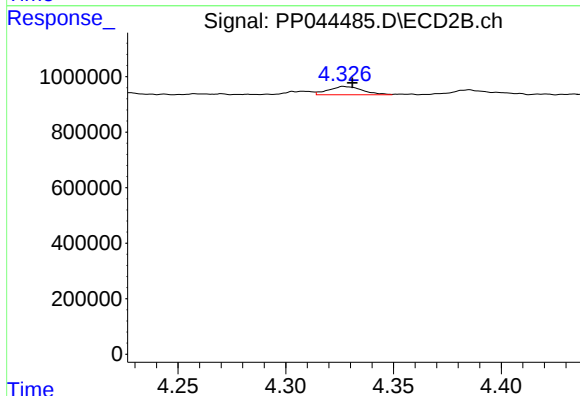
R.T.: 4.308 min
Delta R.T.: -0.004 min
Response: 101506
Conc: 2.21 ng/ml



#17 AR-1242-2

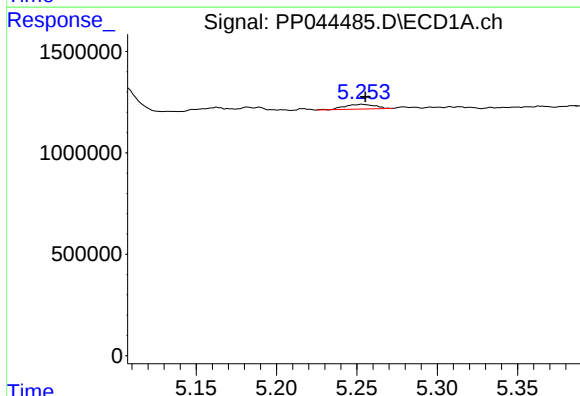
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 99199
Conc: 1.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



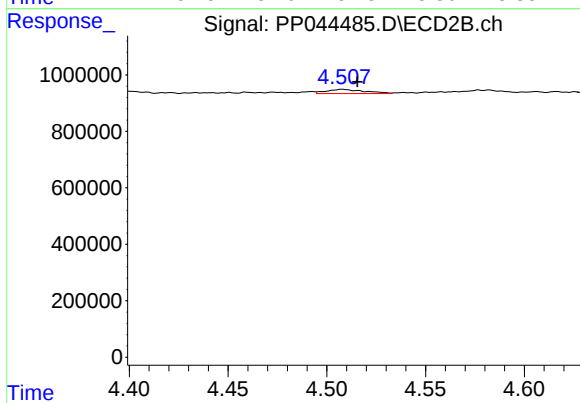
#17 AR-1242-2

R.T.: 4.327 min
Delta R.T.: -0.004 min
Response: 326943
Conc: 5.17 ng/ml



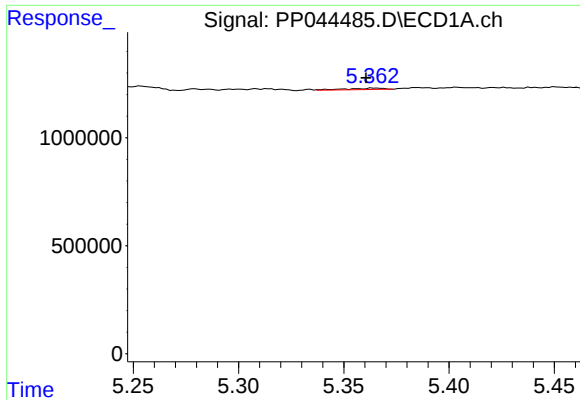
#18 AR-1242-3

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 303602
Conc: 6.43 ng/ml



#18 AR-1242-3

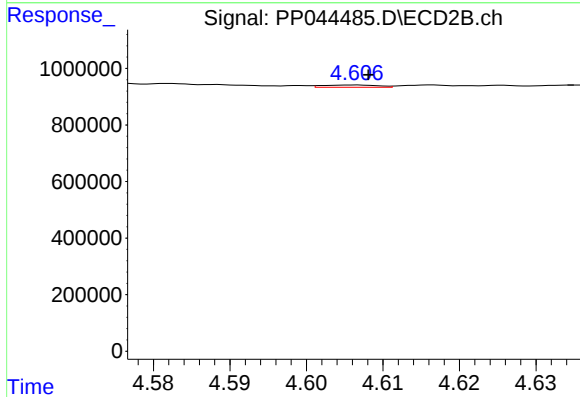
R.T.: 4.508 min
Delta R.T.: -0.008 min
Response: 204057
Conc: 5.71 ng/ml



#19 AR-1242-4

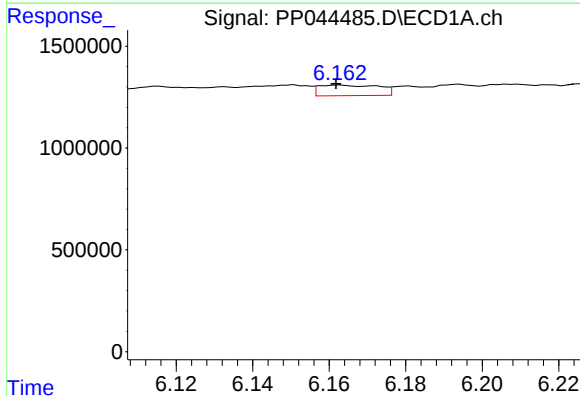
R.T.: 5.364 min
Delta R.T.: 0.004 min
Response: 85941
Conc: 2.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



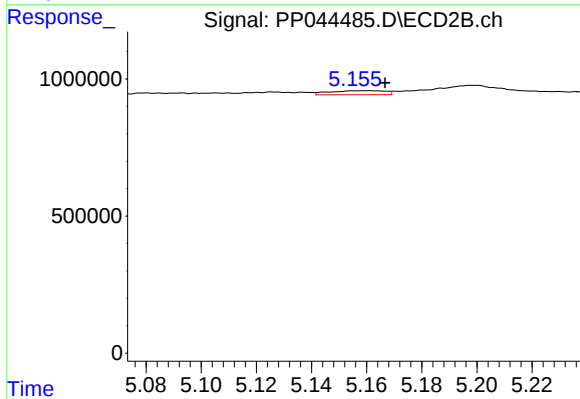
#19 AR-1242-4

R.T.: 4.606 min
Delta R.T.: -0.002 min
Response: 39434
Conc: 1.14 ng/ml



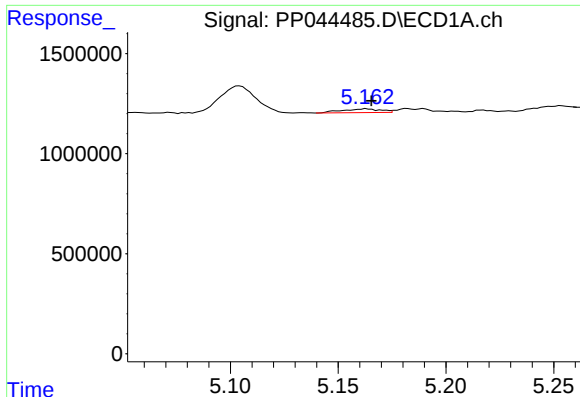
#20 AR-1242-5

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 567756
Conc: 13.32 ng/ml



#20 AR-1242-5

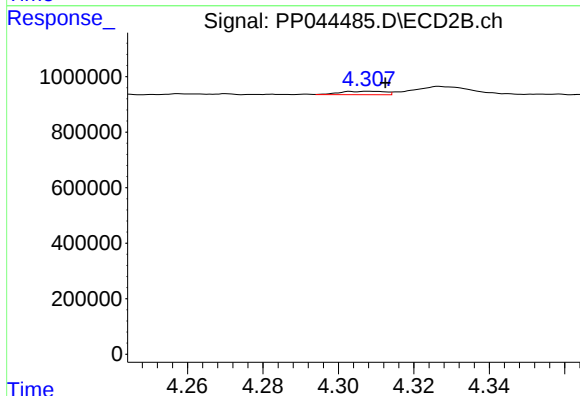
R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 207364
Conc: 4.91 ng/ml



#21 AR-1248-1

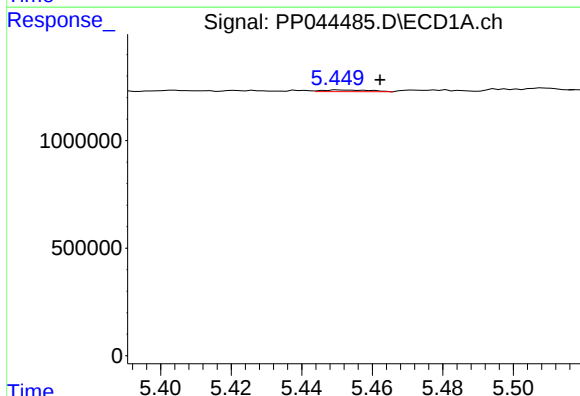
R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 231377
Conc: 5.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



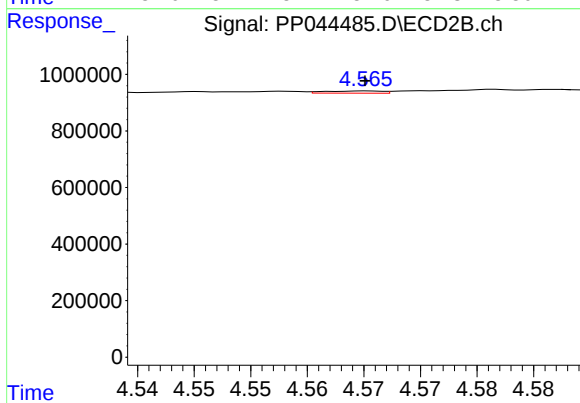
#21 AR-1248-1

R.T.: 4.308 min
Delta R.T.: -0.004 min
Response: 101506
Conc: 2.86 ng/ml



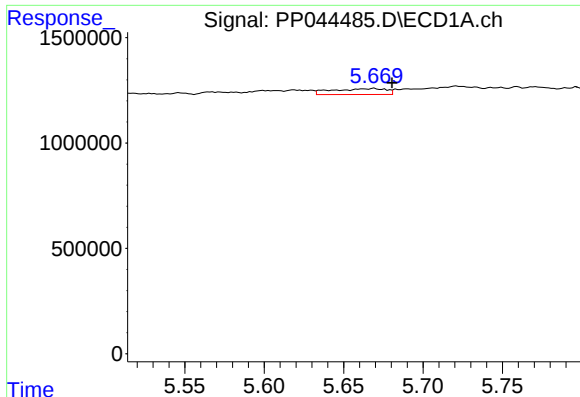
#22 AR-1248-2

R.T.: 5.451 min
Delta R.T.: -0.011 min
Response: 73486
Conc: 1.31 ng/ml



#22 AR-1248-2

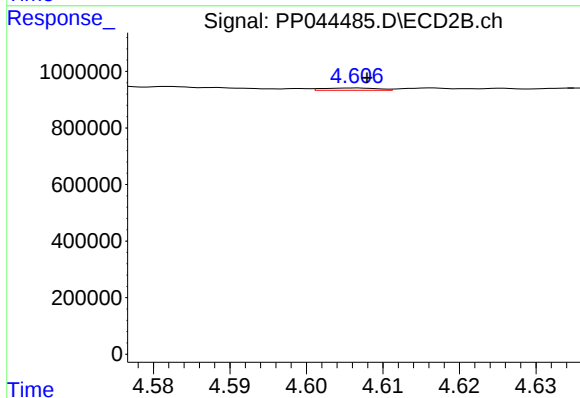
R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 27475
Conc: 0.58 ng/ml



#23 AR-1248-3

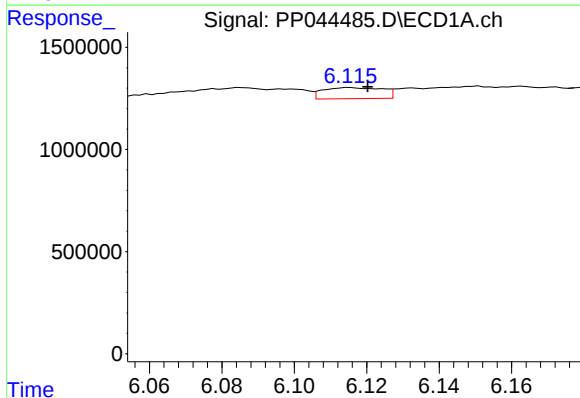
R.T.: 5.669 min
Delta R.T.: -0.011 min
Response: 665210
Conc: 9.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



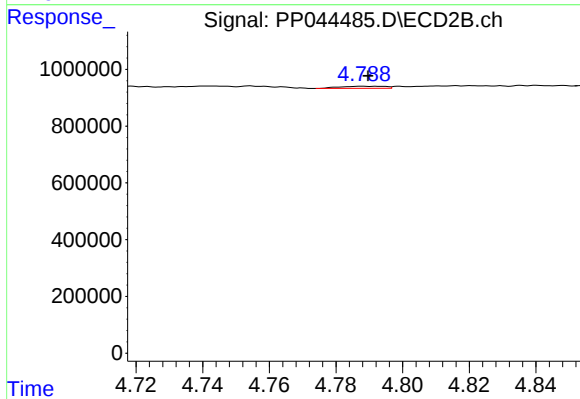
#23 AR-1248-3

R.T.: 4.606 min
Delta R.T.: -0.002 min
Response: 39434
Conc: 0.80 ng/ml



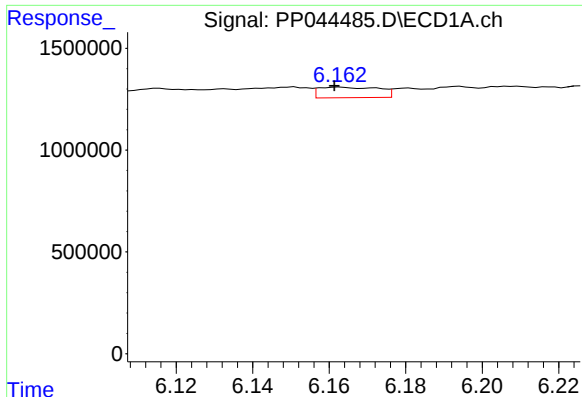
#24 AR-1248-4

R.T.: 6.115 min
Delta R.T.: -0.005 min
Response: 617723
Conc: 8.47 ng/ml



#24 AR-1248-4

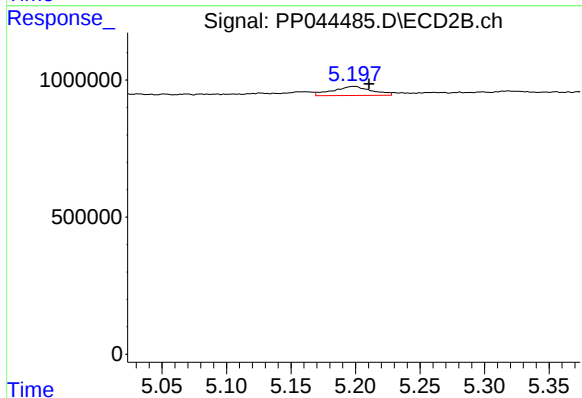
R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 70984
Conc: 1.26 ng/ml



#25 AR-1248-5

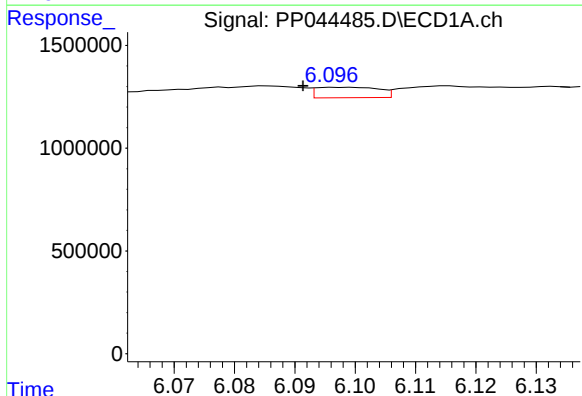
R.T.: 6.163 min
Delta R.T.: 0.001 min
Response: 567756
Conc: 7.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



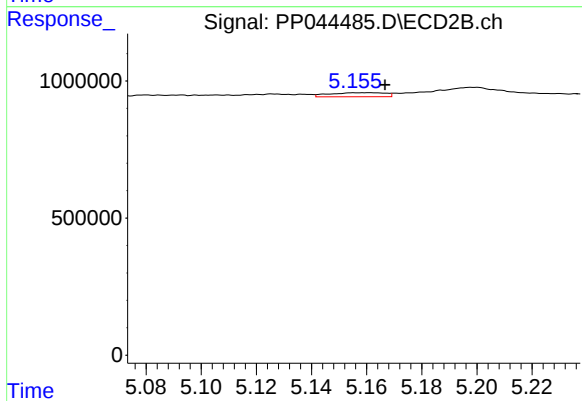
#25 AR-1248-5

R.T.: 5.198 min
Delta R.T.: -0.012 min
Response: 696473
Conc: 12.42 ng/ml



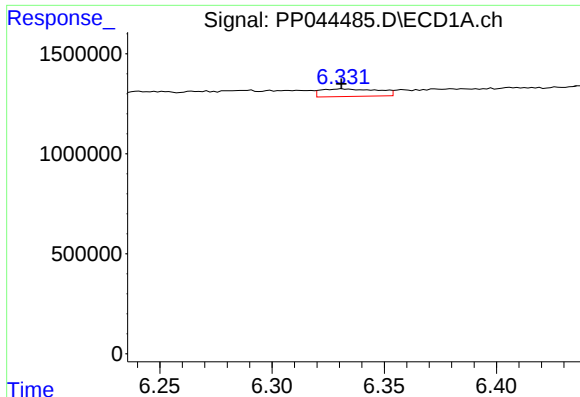
#26 AR-1254-1

R.T.: 6.097 min
Delta R.T.: 0.006 min
Response: 365404
Conc: 4.87 ng/ml



#26 AR-1254-1

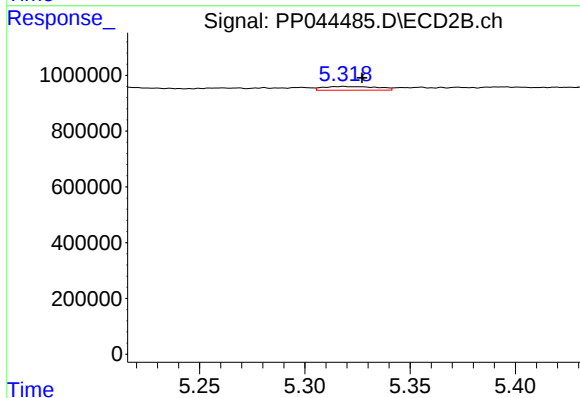
R.T.: 5.161 min
Delta R.T.: -0.006 min
Response: 207364
Conc: 2.51 ng/ml



#27 AR-1254-2

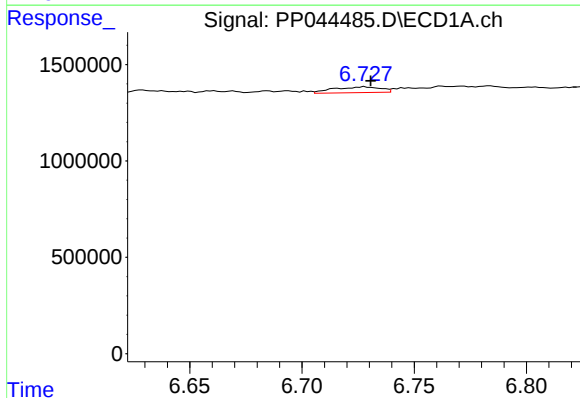
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 672071
Conc: 5.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



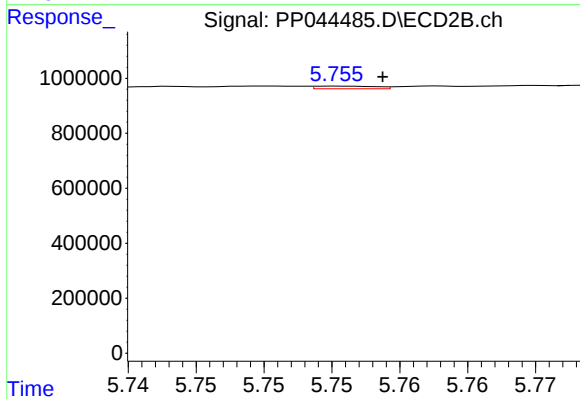
#27 AR-1254-2

R.T.: 5.318 min
Delta R.T.: -0.009 min
Response: 237128
Conc: 3.30 ng/ml



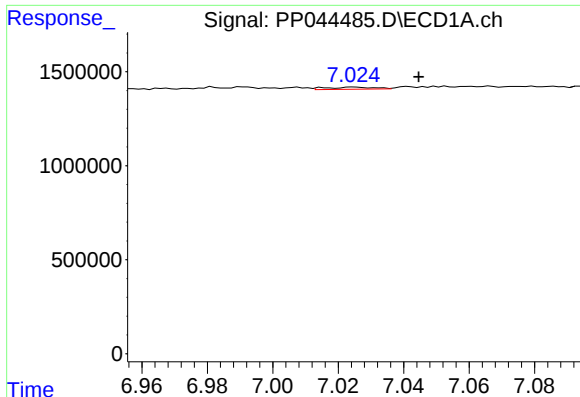
#28 AR-1254-3

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 432110
Conc: 3.69 ng/ml



#28 AR-1254-3

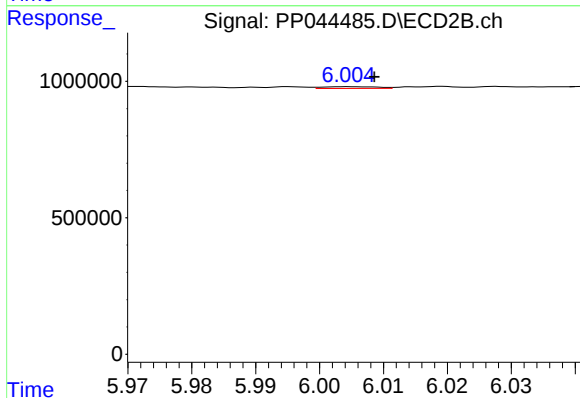
R.T.: 5.756 min
Delta R.T.: -0.003 min
Response: 29919
Conc: 0.26 ng/ml



#29 AR-1254-4

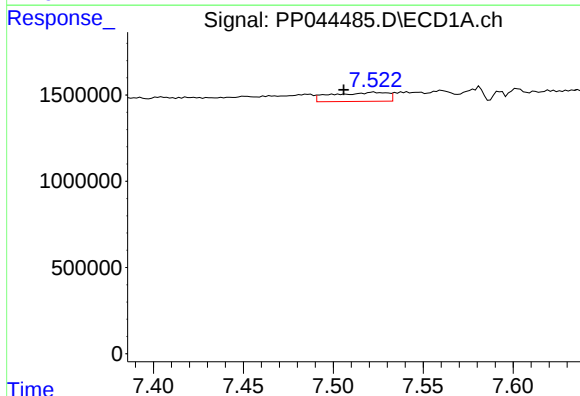
R.T.: 7.025 min
Delta R.T.: -0.020 min
Response: 116393
Conc: 1.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



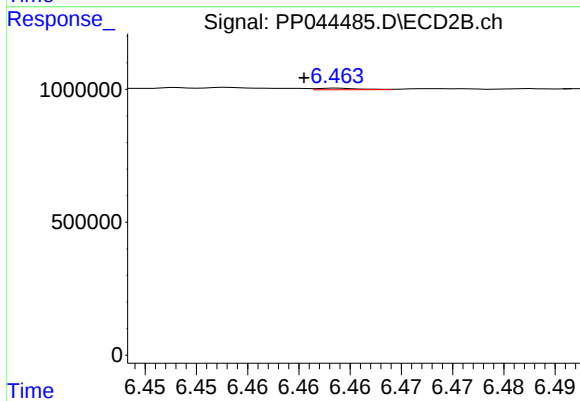
#29 AR-1254-4

R.T.: 6.004 min
Delta R.T.: -0.004 min
Response: 39544
Conc: 0.53 ng/ml



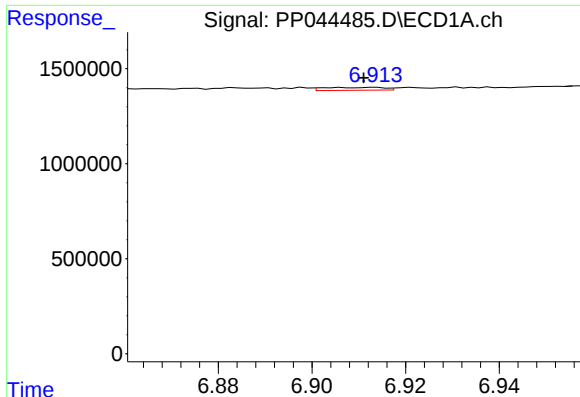
#30 AR-1254-5

R.T.: 7.522 min
Delta R.T.: 0.017 min
Response: 1132579
Conc: 13.01 ng/ml



#30 AR-1254-5

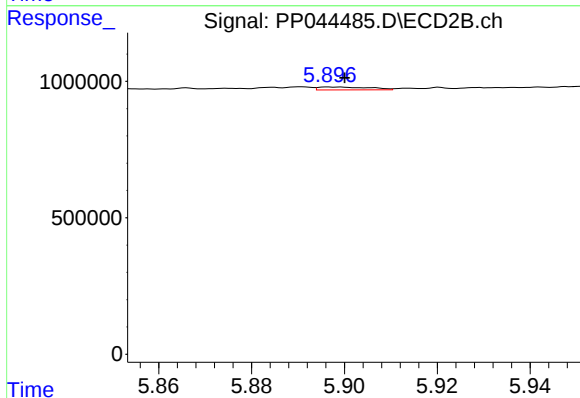
R.T.: 6.464 min
Delta R.T.: 0.003 min
Response: 17056
Conc: 0.16 ng/ml



#31 AR-1260-1

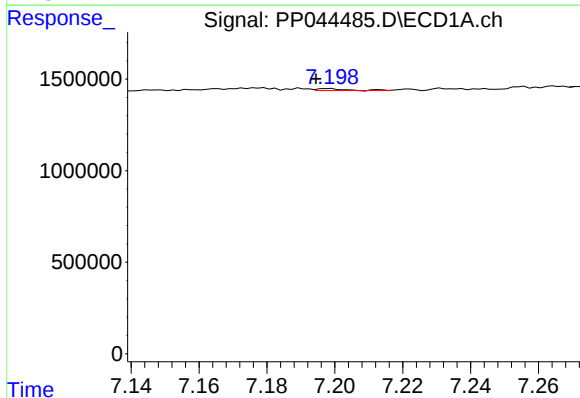
R.T.: 6.913 min
Delta R.T.: 0.002 min
Response: 134018
Conc: 1.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



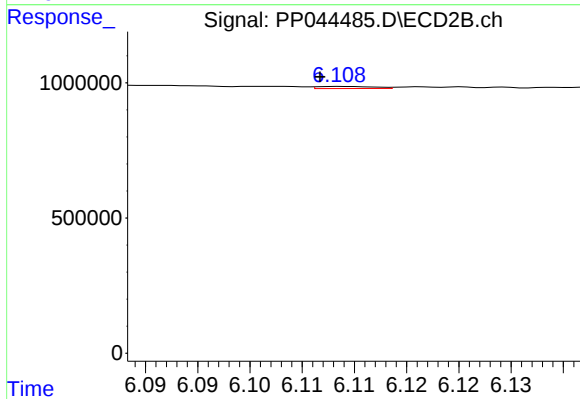
#31 AR-1260-1

R.T.: 5.897 min
Delta R.T.: -0.003 min
Response: 80888
Conc: 1.01 ng/ml



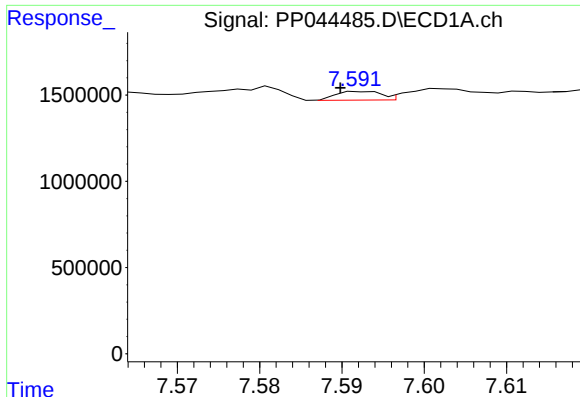
#32 AR-1260-2

R.T.: 7.198 min
Delta R.T.: 0.004 min
Response: 65858
Conc: 0.69 ng/ml



#32 AR-1260-2

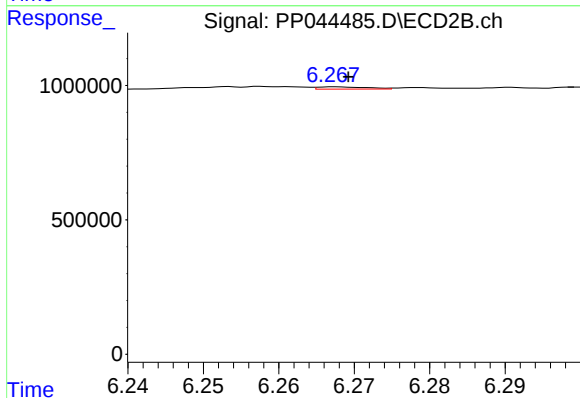
R.T.: 6.109 min
Delta R.T.: 0.002 min
Response: 28854
Conc: 0.29 ng/ml



#33 AR-1260-3

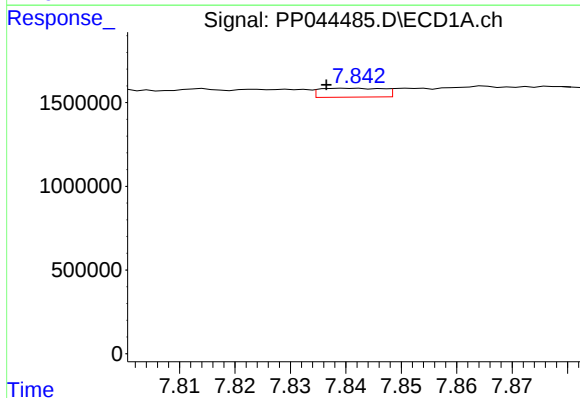
R.T.: 7.593 min
Delta R.T.: 0.003 min
Response: 193158
Conc: 2.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



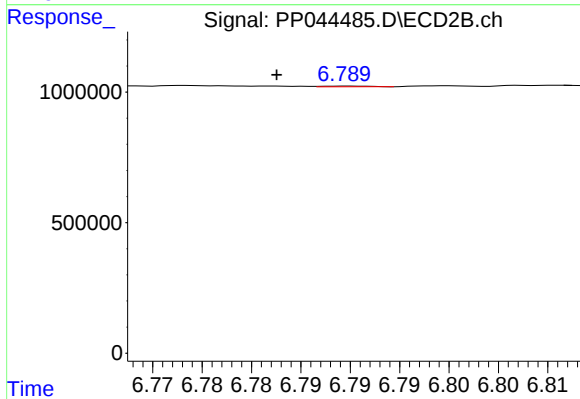
#33 AR-1260-3

R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 37752
Conc: 0.41 ng/ml



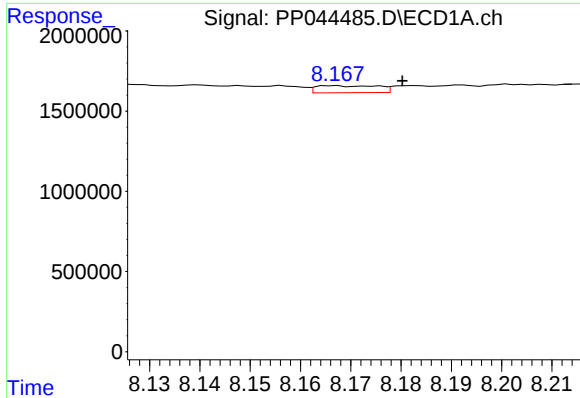
#34 AR-1260-4

R.T.: 7.840 min
Delta R.T.: 0.004 min
Response: 418608
Conc: 5.37 ng/ml



#34 AR-1260-4

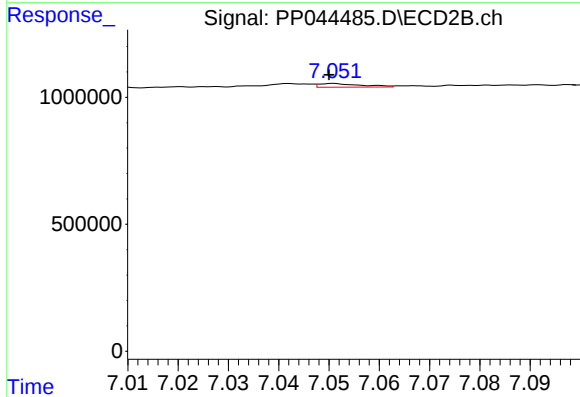
R.T.: 6.790 min
Delta R.T.: 0.008 min
Response: 9925
Conc: 0.14 ng/ml



#35 AR-1260-5

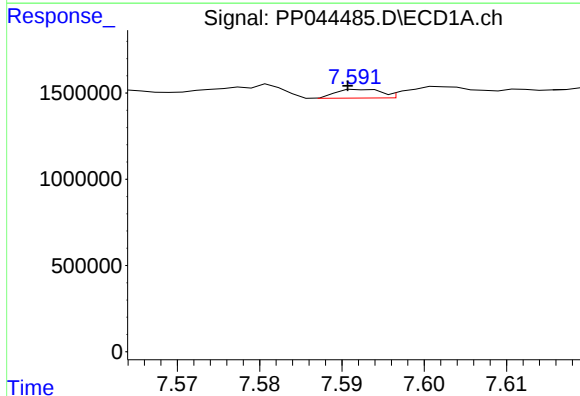
R.T.: 8.167 min
Delta R.T.: -0.014 min
Response: 372910
Conc: 2.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



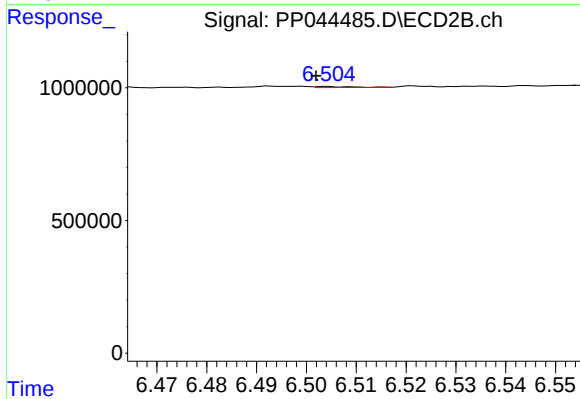
#35 AR-1260-5

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 82966
Conc: 0.50 ng/ml



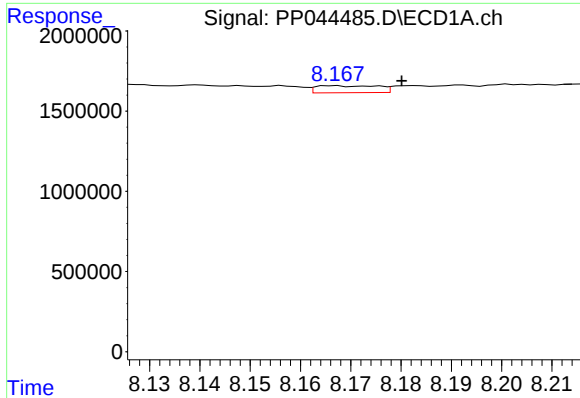
#36 AR-1262-1

R.T.: 7.593 min
Delta R.T.: 0.002 min
Response: 193158
Conc: 1.91 ng/ml



#36 AR-1262-1

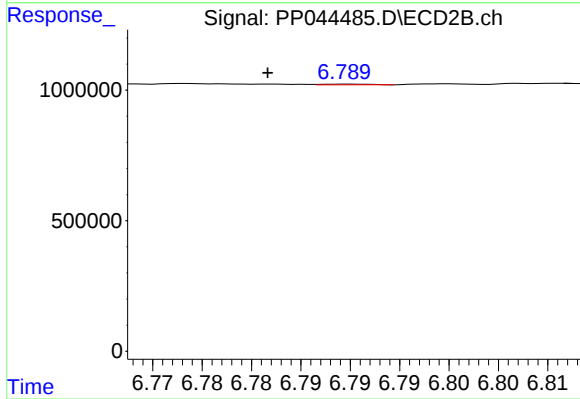
R.T.: 6.504 min
Delta R.T.: 0.002 min
Response: 18527
Conc: 0.18 ng/ml



#37 AR-1262-2

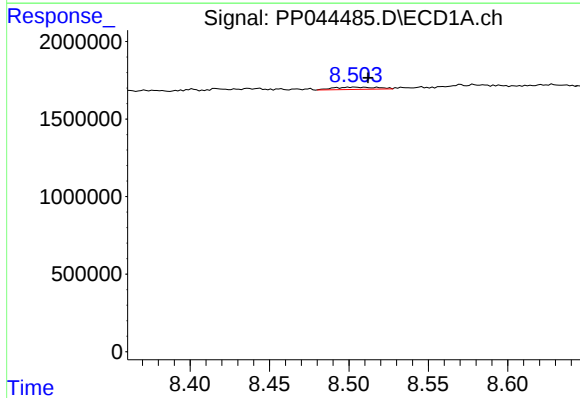
R.T.: 8.167 min
Delta R.T.: -0.014 min
Response: 372910
Conc: 2.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



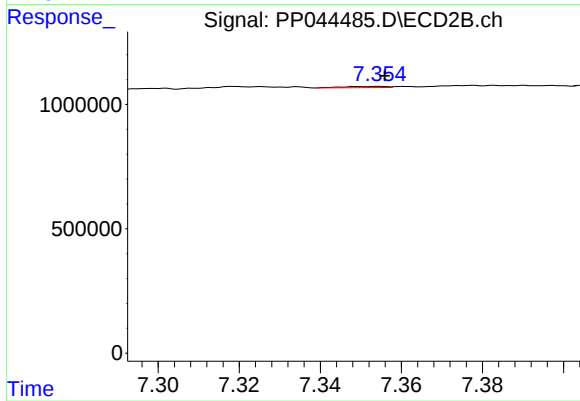
#37 AR-1262-2

R.T.: 6.790 min
Delta R.T.: 0.008 min
Response: 9925
Conc: 0.10 ng/ml



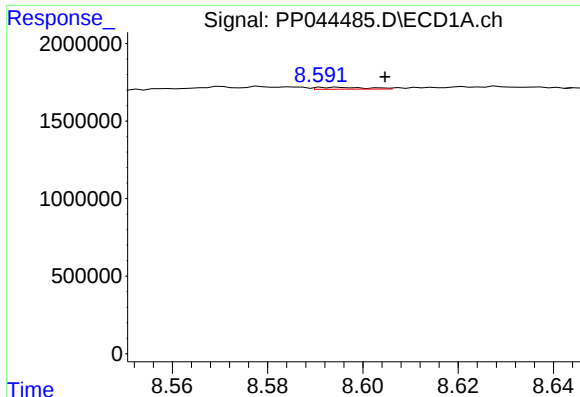
#38 AR-1262-3

R.T.: 8.504 min
Delta R.T.: -0.008 min
Response: 282548
Conc: 2.52 ng/ml



#38 AR-1262-3

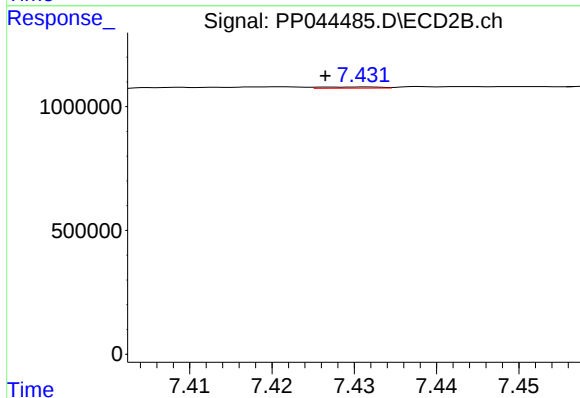
R.T.: 7.354 min
Delta R.T.: -0.001 min
Response: 37938
Conc: 0.48 ng/ml



#39 AR-1262-4

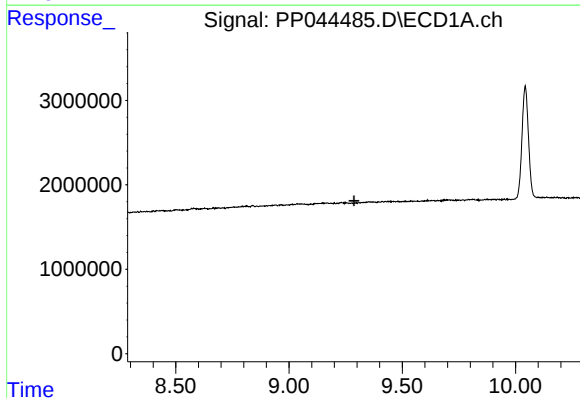
R.T.: 8.595 min
Delta R.T.: -0.010 min
Response: 91899
Conc: 1.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



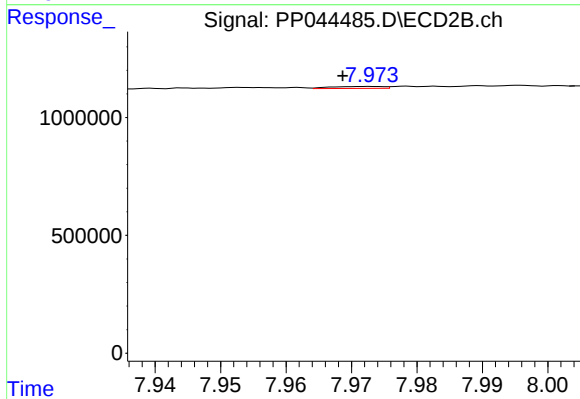
#39 AR-1262-4

R.T.: 7.431 min
Delta R.T.: 0.005 min
Response: 24030
Conc: 0.17 ng/ml



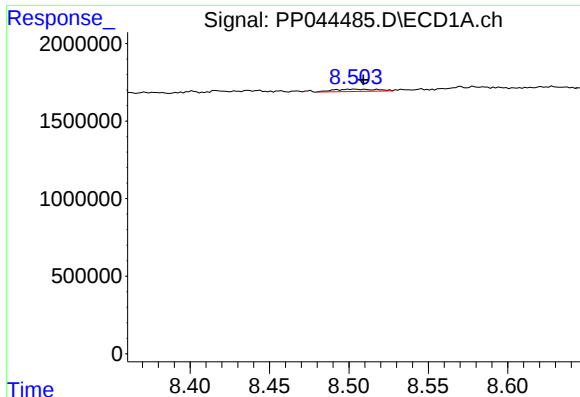
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.287 min
Response: 0
Conc: N.D.



#40 AR-1262-5

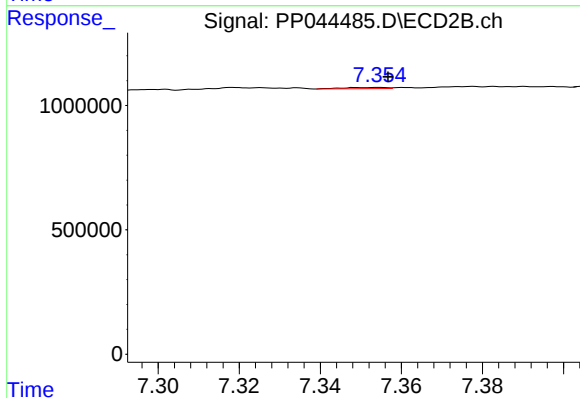
R.T.: 7.973 min
Delta R.T.: 0.005 min
Response: 45697
Conc: 0.64 ng/ml



#41 AR-1268-1

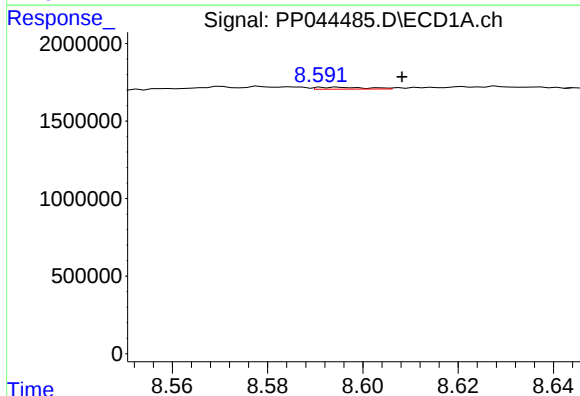
R.T.: 8.504 min
Delta R.T.: -0.005 min
Response: 282548
Conc: 1.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



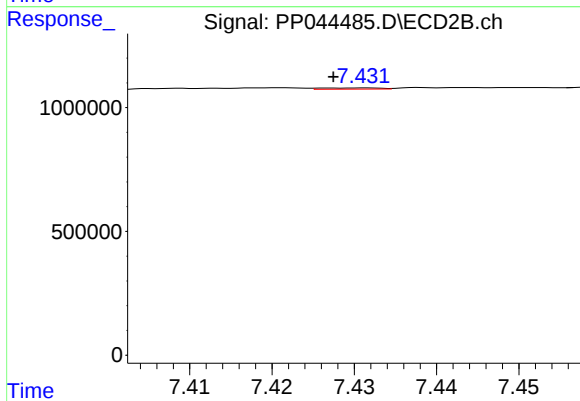
#41 AR-1268-1

R.T.: 7.354 min
Delta R.T.: -0.002 min
Response: 37938
Conc: 0.17 ng/ml



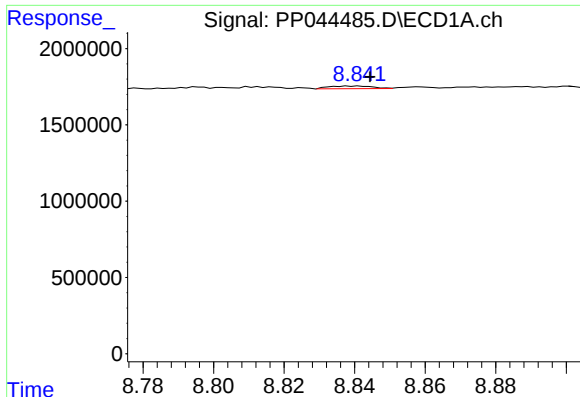
#42 AR-1268-2

R.T.: 8.595 min
Delta R.T.: -0.013 min
Response: 91899
Conc: 0.50 ng/ml



#42 AR-1268-2

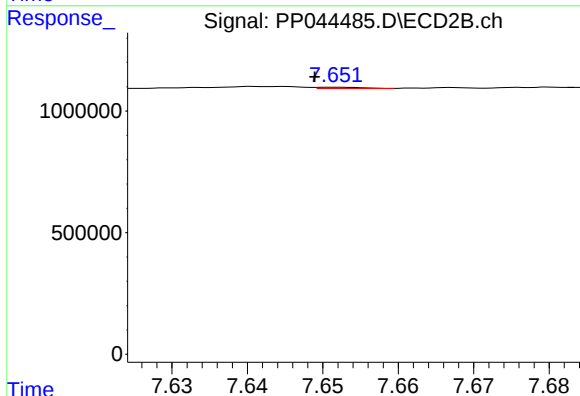
R.T.: 7.431 min
Delta R.T.: 0.004 min
Response: 24030
Conc: 0.12 ng/ml



#43 AR-1268-3

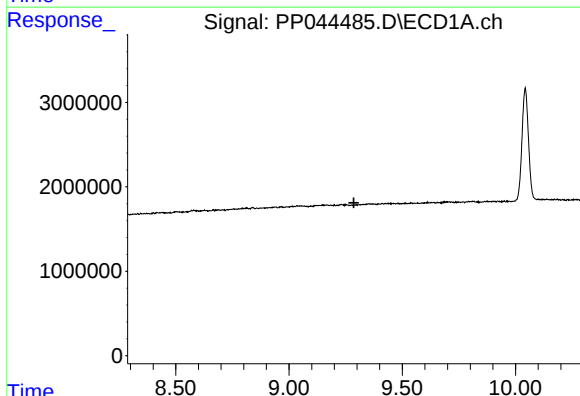
R.T.: 8.840 min
Delta R.T.: -0.005 min
Response: 143925
Conc: 0.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



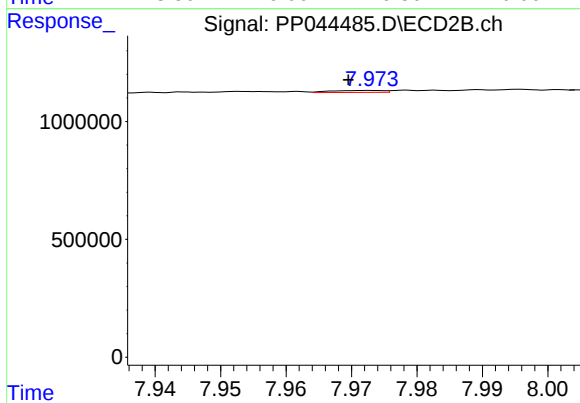
#43 AR-1268-3

R.T.: 7.652 min
Delta R.T.: 0.003 min
Response: 22322
Conc: 0.13 ng/ml



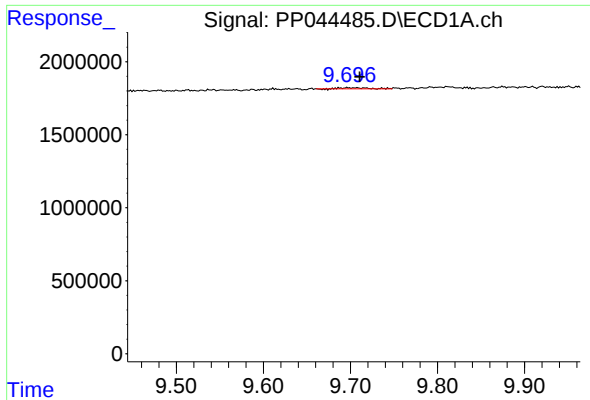
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.287 min
Response: 0
Conc: N.D.



#44 AR-1268-4

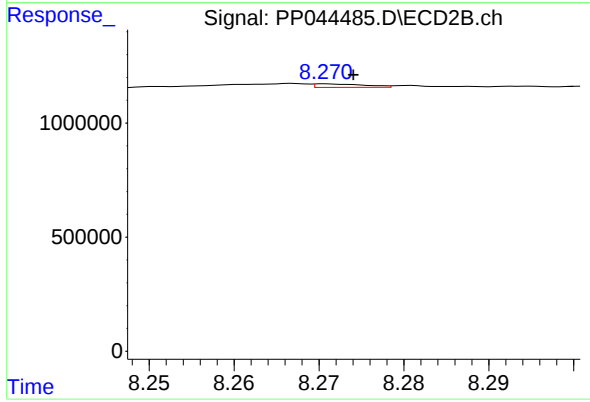
R.T.: 7.973 min
Delta R.T.: 0.004 min
Response: 45697
Conc: 0.56 ng/ml



#45 AR-1268-5

R.T.: 9.697 min
Delta R.T.: -0.014 min
Response: 181670
Conc: 0.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: -0.003 min
Response: 62750
Conc: 0.12 ng/ml