

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010923\
 Data File : PP054341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2023 19:39
 Operator : YP\AJ
 Sample : 01054-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 20:52:55 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...	4.342	3.593	31105940	22199678	15.360	13.763
2)	SA Decachlor...	10.101	8.612	17588971	17140255	12.247	12.151
Target Compounds							
3)	L1 AR-1016-1	5.538f	4.691f	475204	188103	6.431	3.615 #
4)	L1 AR-1016-2	5.538	4.691	475204	188103	4.453	2.626 #
5)	L1 AR-1016-3	5.584	4.887f	1448500	339289	21.173	8.649 #
6)	L1 AR-1016-4	5.703	4.887f	13456	339289	0.258	9.859 #
7)	L1 AR-1016-5	6.005f	0.000	806724	0	17.818	N.D. #
8)	L2 AR-1221-1	4.547	3.804	10732674	92543	446.373	4.843 #
9)	L2 AR-1221-2	4.649	3.873	737487	6355492	41.626	431.033 #
10)	L2 AR-1221-3	4.692f	0.000	526966	0	9.777	N.D. #
11)	L3 AR-1232-1	4.692f	0.000	526966	0	11.715	N.D. #
12)	L3 AR-1232-2	5.218f	4.691	2000744	188103	76.674	3.510 #
13)	L3 AR-1232-3	5.538	4.887f	475204	339289	10.331	20.436 #
14)	L3 AR-1232-4	5.703	4.938f	13456	1865445	0.601	111.202 #
16)	L4 AR-1242-1	5.538f	4.691f	475204	188103	8.003	4.456 #
17)	L4 AR-1242-2	5.538	4.691	475204	188103	5.558	3.231 #
18)	L4 AR-1242-3	5.584	4.887f	1448500	339289	26.511	10.609 #
19)	L4 AR-1242-4	5.703	4.938f	13456	1865445	0.321	53.475 #
20)	L4 AR-1242-5	6.408f	0.000	60199310	0	1833.980	N.D. #
21)	L5 AR-1248-1	5.538f	4.691f	475204	188103	10.584	5.783 #
22)	L5 AR-1248-2	0.000	4.938f	0	1865445	N.D.	37.774 #
23)	L5 AR-1248-3	6.005	4.938f	806724	1865445	13.610	36.148 #
24)	L5 AR-1248-4	6.408	0.000	60199310	0	1039.212	N.D. #
25)	L5 AR-1248-5	6.408f	0.000	60199310	0	1084.964	N.D. #
26)	L6 AR-1254-1	6.348f	0.000	14010	0	0.225	N.D. #
27)	L6 AR-1254-2	6.598	0.000	44847	0	0.478	N.D. #
28)	L6 AR-1254-3	6.957	6.014f	138381	407436	1.458	3.510 #
29)	L6 AR-1254-4	0.000	6.244f	0	289608	N.D.	4.601 #
30)	L6 AR-1254-5	7.672	6.680	432658	110141	5.691	1.152 #
31)	L7 AR-1260-1	7.130	6.135f	151865	125190	1.948	1.478
32)	L7 AR-1260-2	0.000	6.327f	0	82574	N.D.	0.863 #
33)	L7 AR-1260-3	7.730	6.516	39689	97553	0.581	1.067 #
34)	L7 AR-1260-4	7.965	6.986	115743	104388	1.453	1.377
35)	L7 AR-1260-5	8.278	7.220	932211	280134	6.500	1.768 #
36)	L8 AR-1262-1	7.730	6.799f	39689	1230476	0.472	30.138 #
37)	L8 AR-1262-2	8.278	6.986	932211	104388	6.587	1.206 #
38)	L8 AR-1262-3	8.575f	0.000	119285	0	1.152	N.D. #
39)	L8 AR-1262-4	8.684	7.568	205562	994838	4.060	8.501 #
40)	L8 AR-1262-5	9.334	8.063	16294	208653	0.290	3.788 #
41)	L9 AR-1268-1	8.575f	0.000	119285	0	0.612	N.D. #
42)	L9 AR-1268-2	8.684	7.568	205562	994838	1.165	5.400 #

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.334	8.063	16294	208653	0.238	3.302 #
45) L9	AR-1268-5	9.756	8.356	175706	259784	0.345	0.531 #

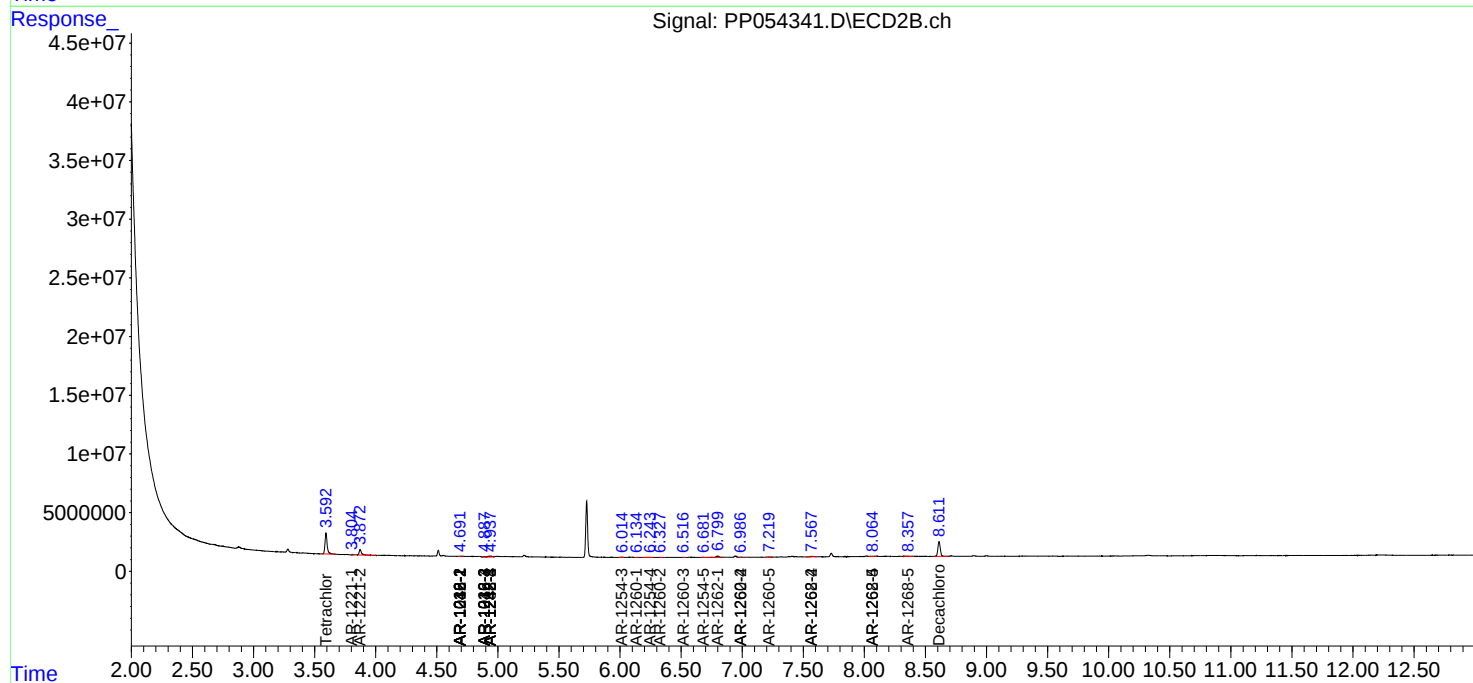
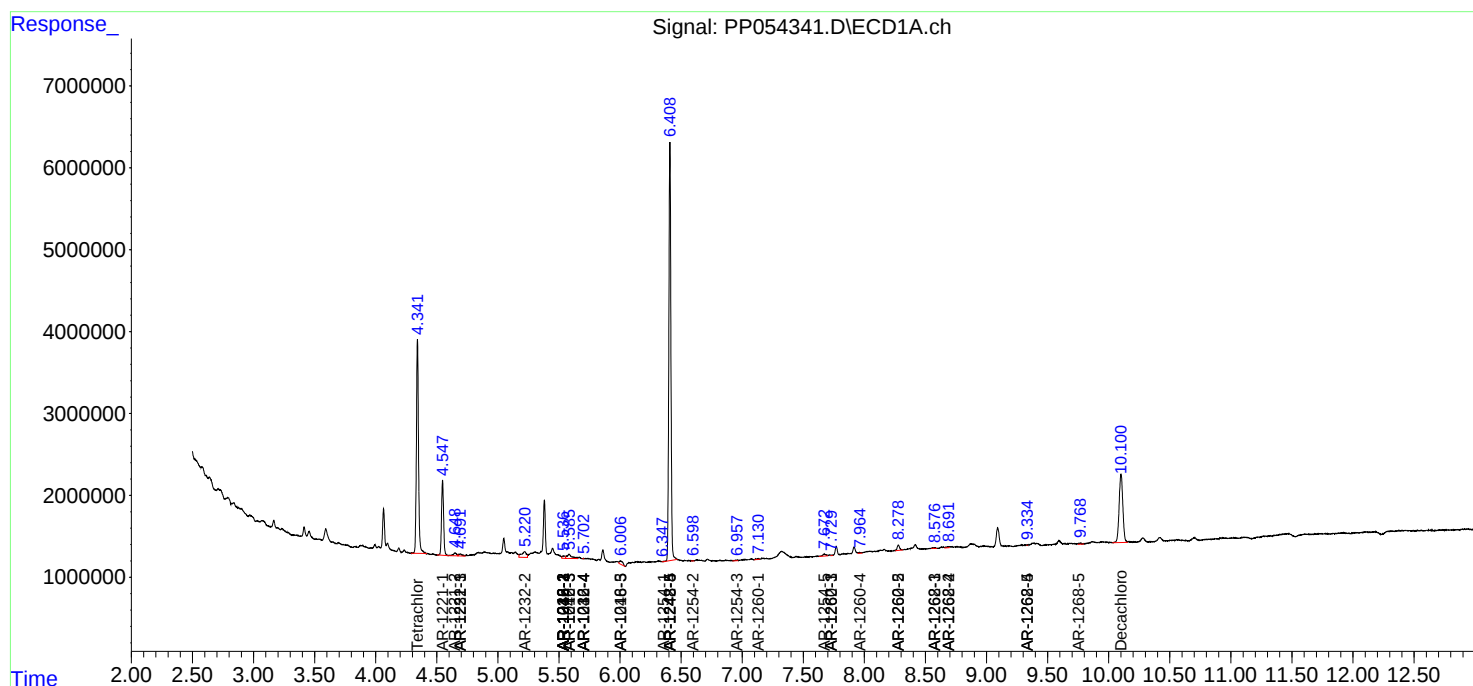
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

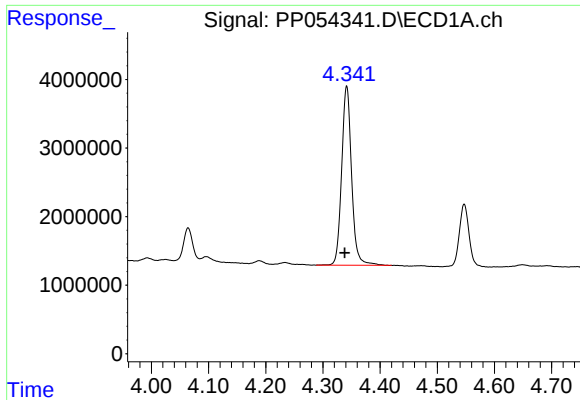
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010923\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

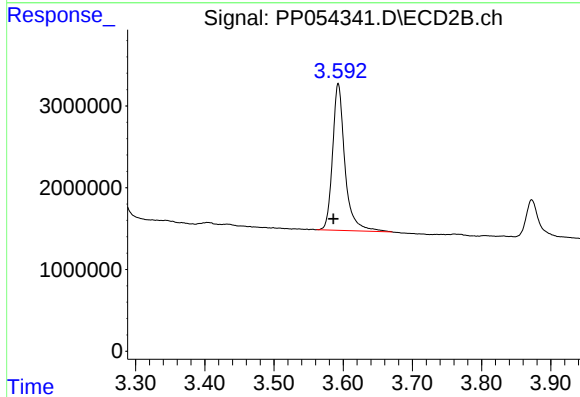




#1 Tetrachloro-m-xylene

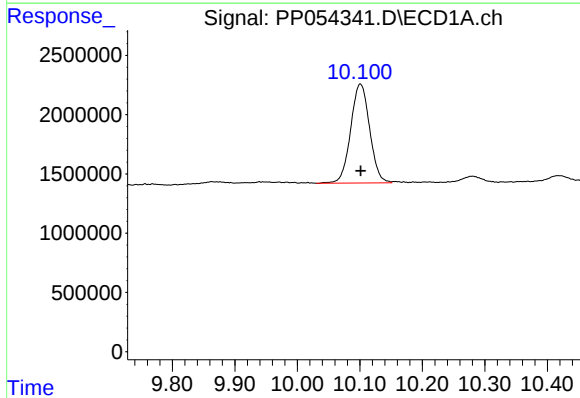
R.T.: 4.342 min
Delta R.T.: 0.004 min
Response: 31105940
Conc: 15.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



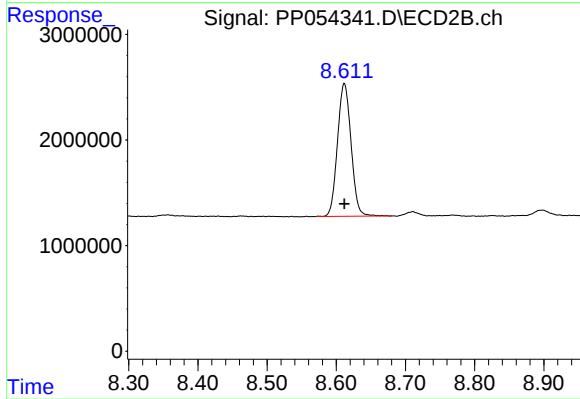
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: 0.007 min
Response: 22199678
Conc: 13.76 ng/ml



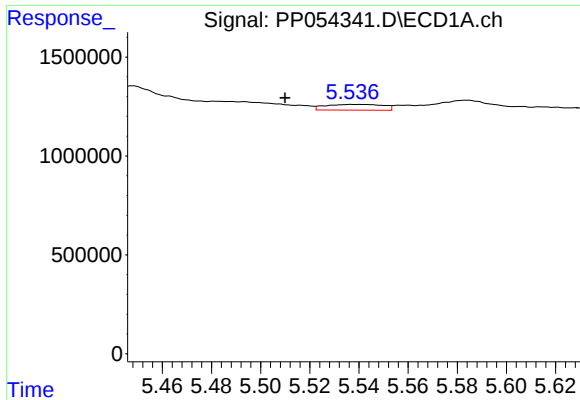
#2 Decachlorobiphenyl

R.T.: 10.101 min
Delta R.T.: 0.000 min
Response: 17588971
Conc: 12.25 ng/ml



#2 Decachlorobiphenyl

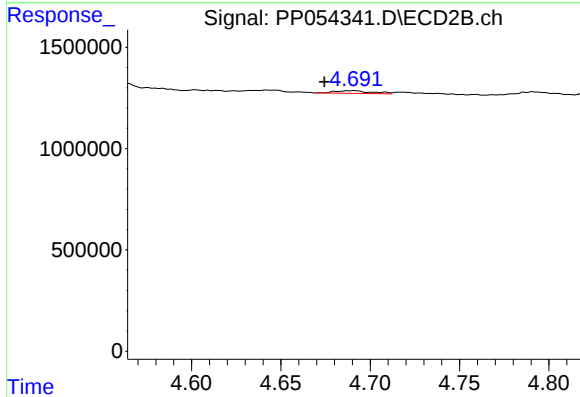
R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 17140255
Conc: 12.15 ng/ml



#3 AR-1016-1

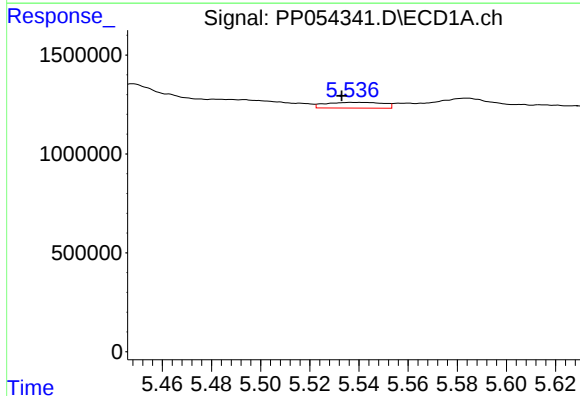
R.T.: 5.538 min
Delta R.T.: 0.028 min
Response: 475204
Conc: 6.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



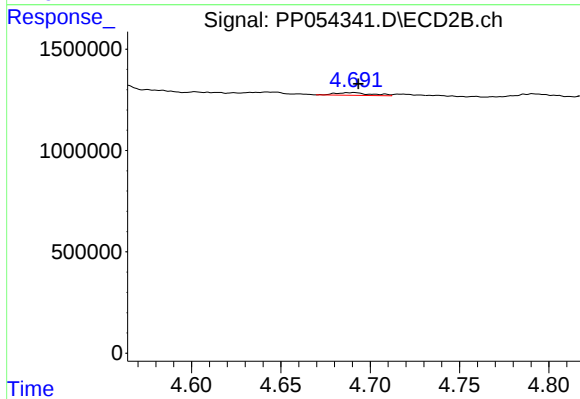
#3 AR-1016-1

R.T.: 4.691 min
Delta R.T.: 0.016 min
Response: 188103
Conc: 3.62 ng/ml



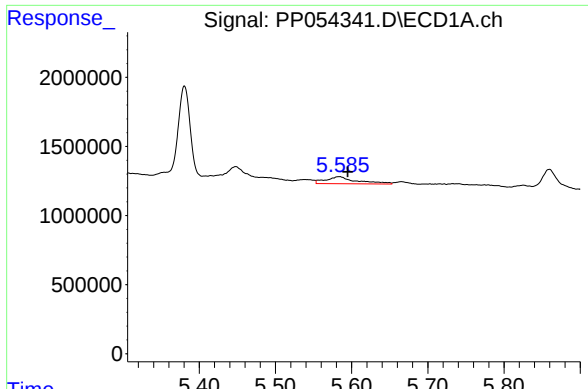
#4 AR-1016-2

R.T.: 5.538 min
Delta R.T.: 0.005 min
Response: 475204
Conc: 4.45 ng/ml



#4 AR-1016-2

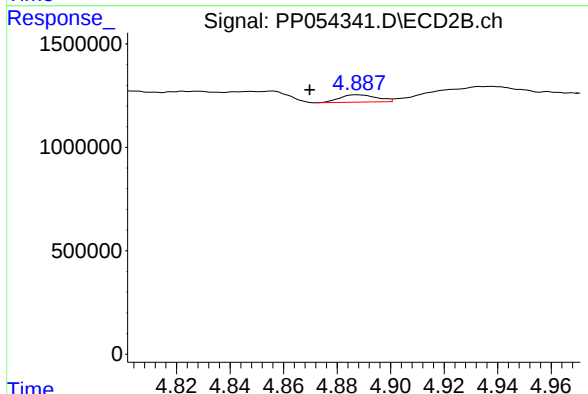
R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 188103
Conc: 2.63 ng/ml



#5 AR-1016-3

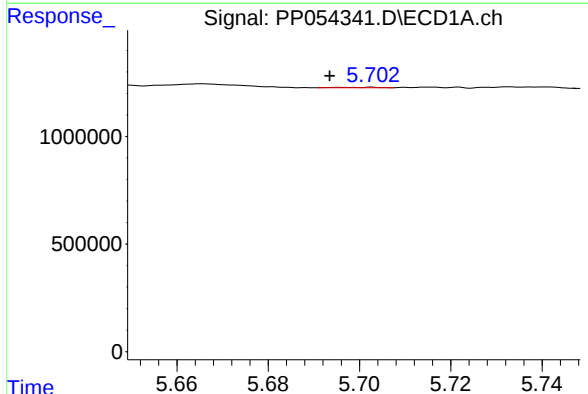
R.T.: 5.584 min
Delta R.T.: -0.011 min
Response: 1448500
Conc: 21.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



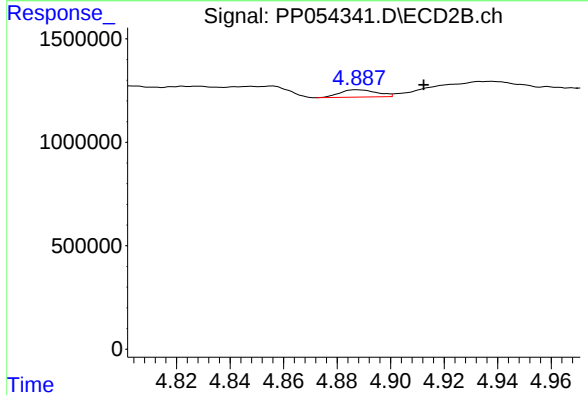
#5 AR-1016-3

R.T.: 4.887 min
Delta R.T.: 0.018 min
Response: 339289
Conc: 8.65 ng/ml



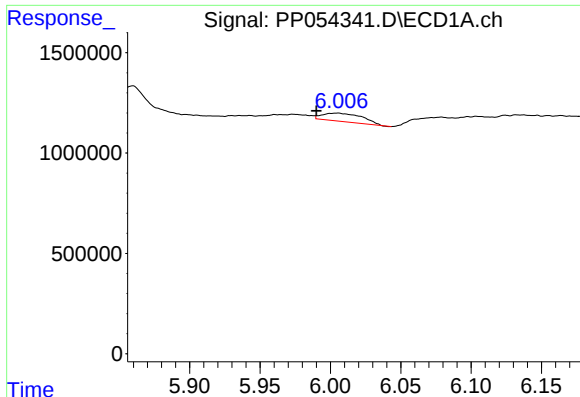
#6 AR-1016-4

R.T.: 5.703 min
Delta R.T.: 0.009 min
Response: 13456
Conc: 0.26 ng/ml



#6 AR-1016-4

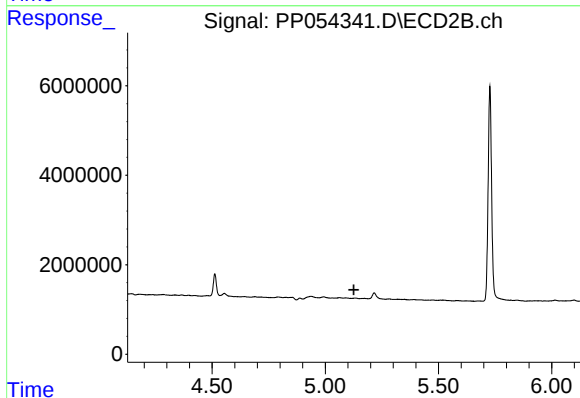
R.T.: 4.887 min
Delta R.T.: -0.025 min
Response: 339289
Conc: 9.86 ng/ml



#7 AR-1016-5

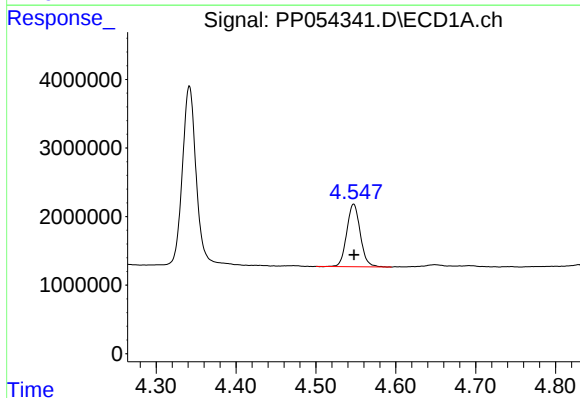
R.T.: 6.005 min
Delta R.T.: 0.015 min
Response: 806724
Conc: 17.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



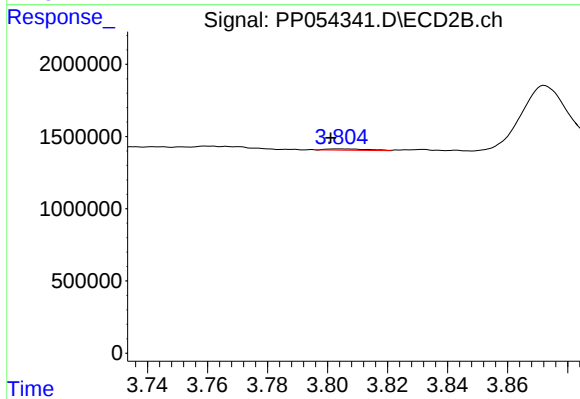
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.126 min
Response: 0
Conc: N.D.



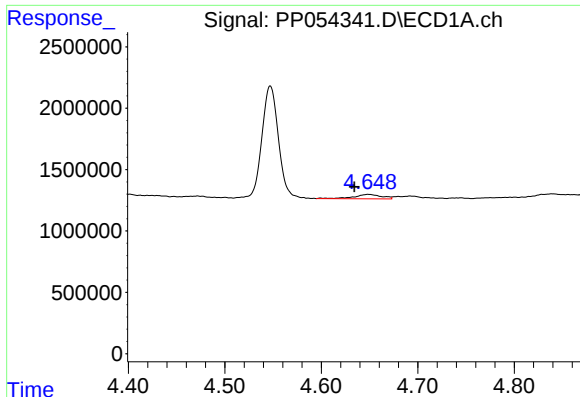
#8 AR-1221-1

R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 10732674
Conc: 446.37 ng/ml



#8 AR-1221-1

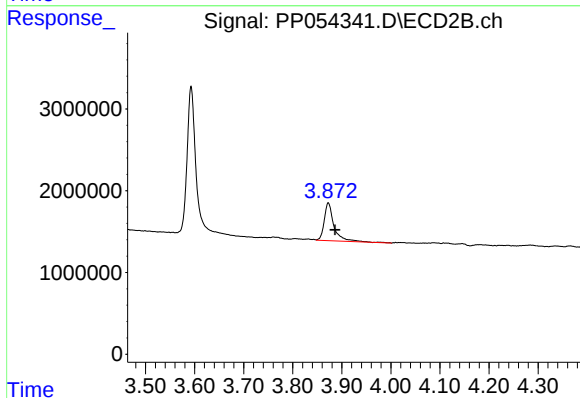
R.T.: 3.804 min
Delta R.T.: 0.003 min
Response: 92543
Conc: 4.84 ng/ml



#9 AR-1221-2

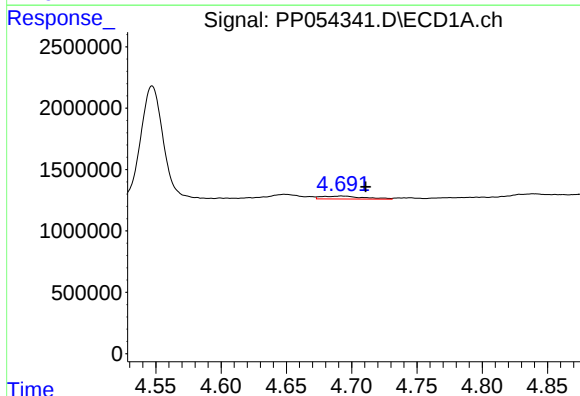
R.T.: 4.649 min
Delta R.T.: 0.014 min
Response: 737487
Conc: 41.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



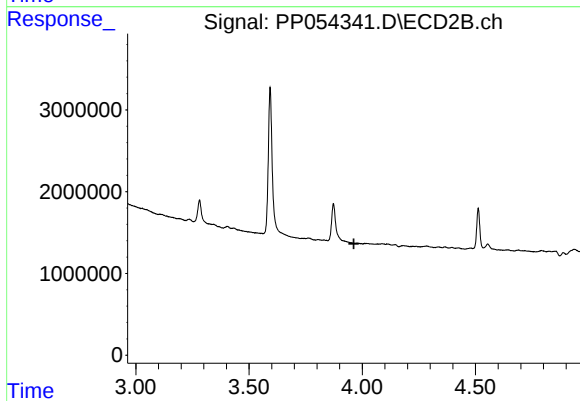
#9 AR-1221-2

R.T.: 3.873 min
Delta R.T.: -0.014 min
Response: 6355492
Conc: 431.03 ng/ml



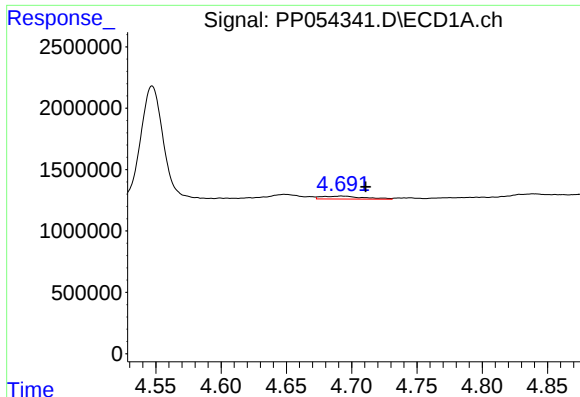
#10 AR-1221-3

R.T.: 4.692 min
Delta R.T.: -0.018 min
Response: 526966
Conc: 9.78 ng/ml



#10 AR-1221-3

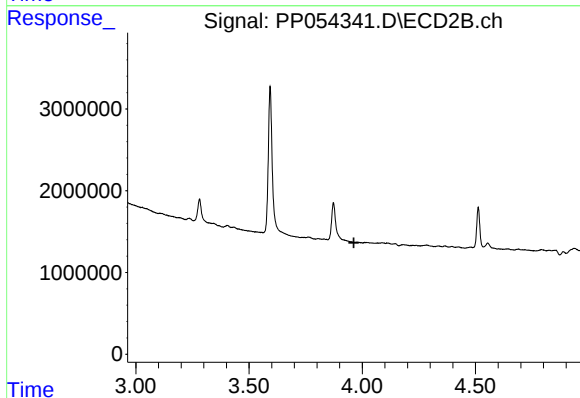
R.T.: 0.000 min
Exp R.T. : 3.963 min
Response: 0
Conc: N.D.



#11 AR-1232-1

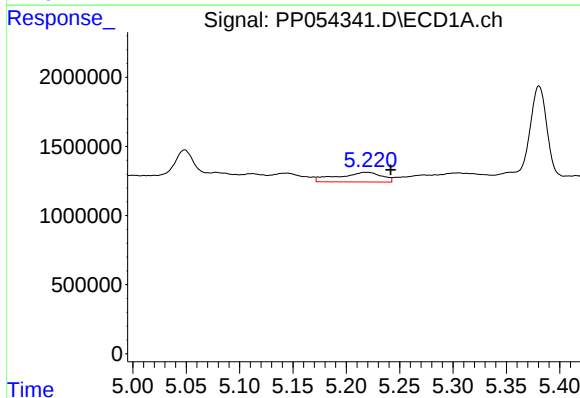
R.T.: 4.692 min
Delta R.T.: -0.019 min
Response: 526966
Conc: 11.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



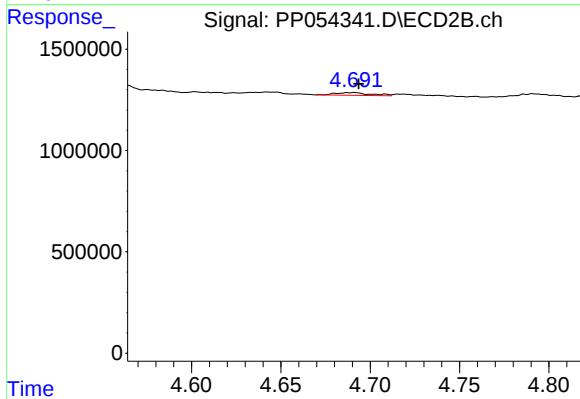
#11 AR-1232-1

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



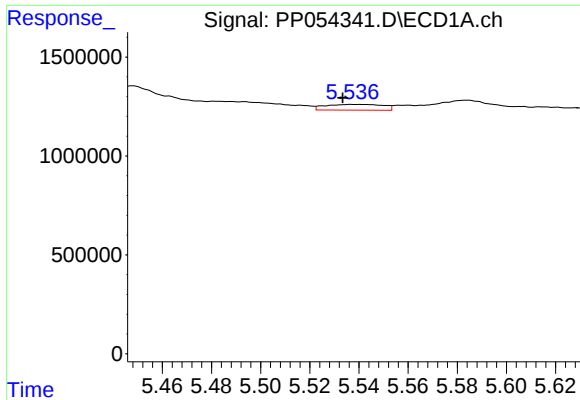
#12 AR-1232-2

R.T.: 5.218 min
Delta R.T.: -0.023 min
Response: 2000744
Conc: 76.67 ng/ml



#12 AR-1232-2

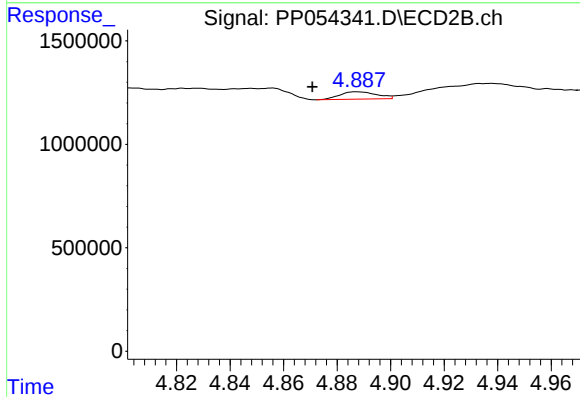
R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 188103
Conc: 3.51 ng/ml



#13 AR-1232-3

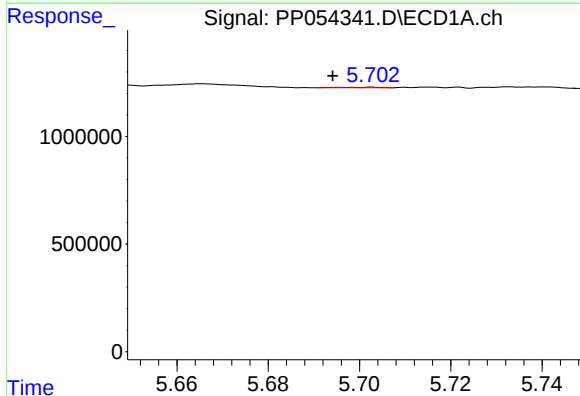
R.T.: 5.538 min
Delta R.T.: 0.004 min
Response: 475204
Conc: 10.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



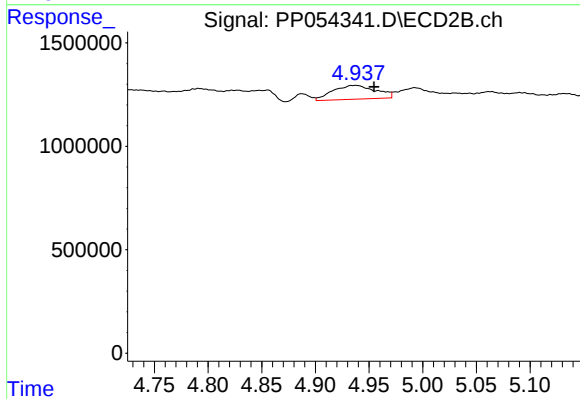
#13 AR-1232-3

R.T.: 4.887 min
Delta R.T.: 0.017 min
Response: 339289
Conc: 20.44 ng/ml



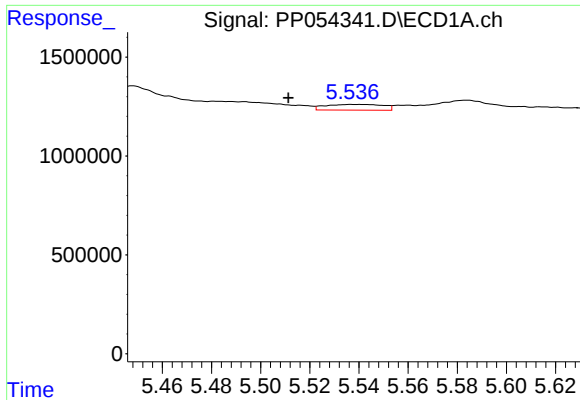
#14 AR-1232-4

R.T.: 5.703 min
Delta R.T.: 0.009 min
Response: 13456
Conc: 0.60 ng/ml



#14 AR-1232-4

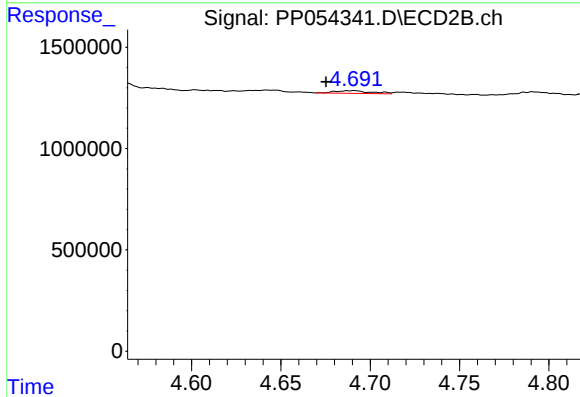
R.T.: 4.938 min
Delta R.T.: -0.017 min
Response: 1865445
Conc: 111.20 ng/ml



#16 AR-1242-1

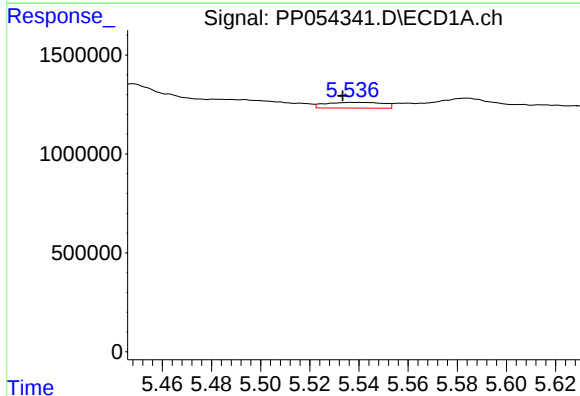
R.T.: 5.538 min
Delta R.T.: 0.026 min
Response: 475204
Conc: 8.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



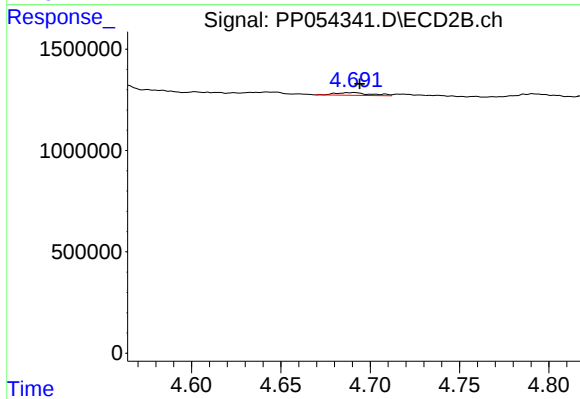
#16 AR-1242-1

R.T.: 4.691 min
Delta R.T.: 0.015 min
Response: 188103
Conc: 4.46 ng/ml



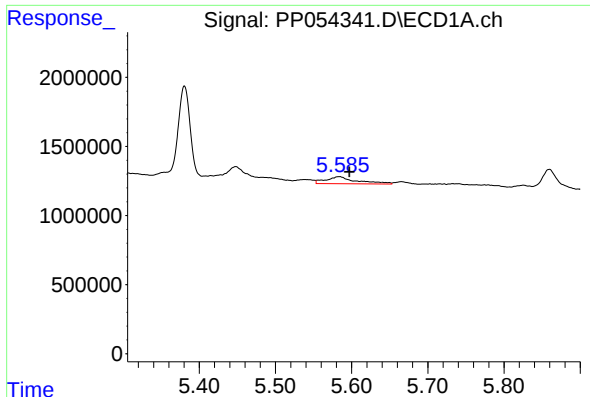
#17 AR-1242-2

R.T.: 5.538 min
Delta R.T.: 0.004 min
Response: 475204
Conc: 5.56 ng/ml



#17 AR-1242-2

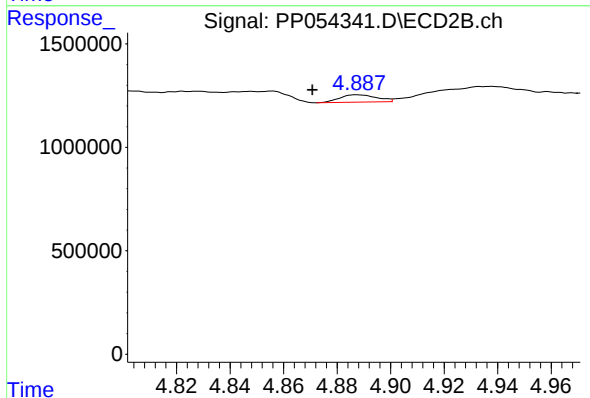
R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 188103
Conc: 3.23 ng/ml



#18 AR-1242-3

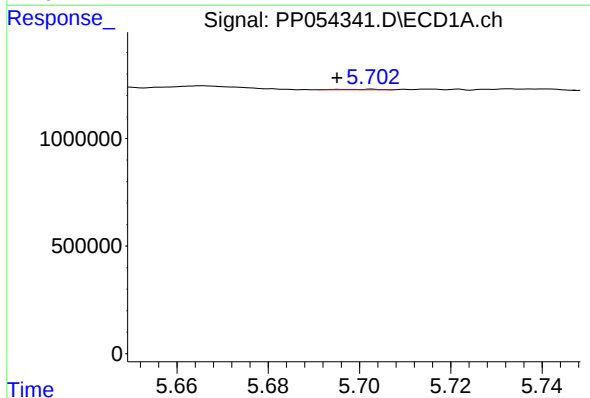
R.T.: 5.584 min
Delta R.T.: -0.013 min
Response: 1448500
Conc: 26.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



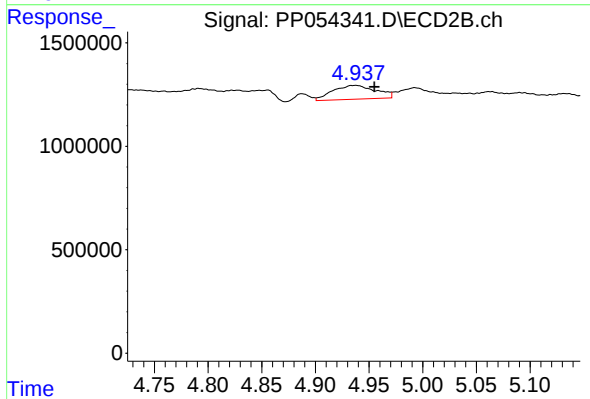
#18 AR-1242-3

R.T.: 4.887 min
Delta R.T.: 0.017 min
Response: 339289
Conc: 10.61 ng/ml



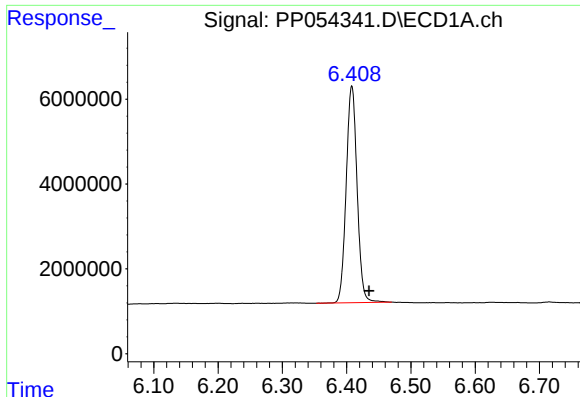
#19 AR-1242-4

R.T.: 5.703 min
Delta R.T.: 0.008 min
Response: 13456
Conc: 0.32 ng/ml



#19 AR-1242-4

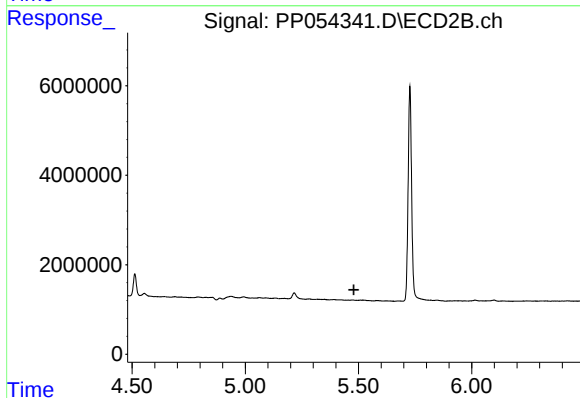
R.T.: 4.938 min
Delta R.T.: -0.017 min
Response: 1865445
Conc: 53.48 ng/ml



#20 AR-1242-5

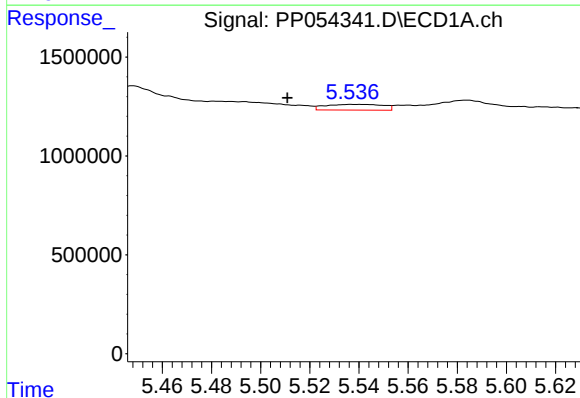
R.T.: 6.408 min
Delta R.T.: -0.027 min
Response: 60199310
Conc: 1833.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



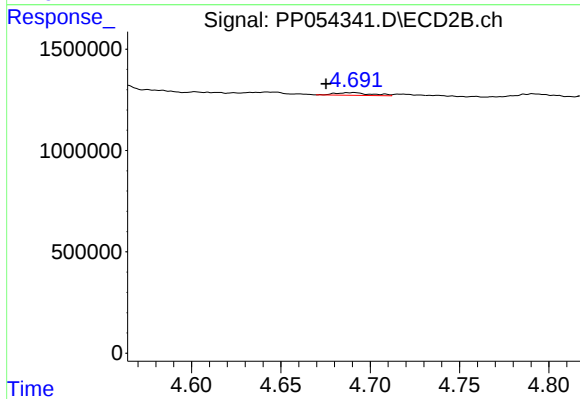
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.480 min
Response: 0
Conc: N.D.



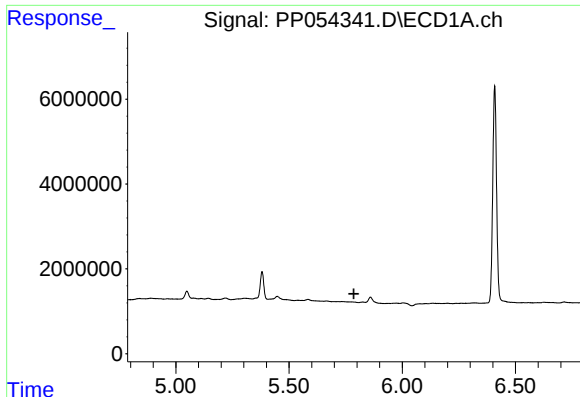
#21 AR-1248-1

R.T.: 5.538 min
Delta R.T.: 0.027 min
Response: 475204
Conc: 10.58 ng/ml



#21 AR-1248-1

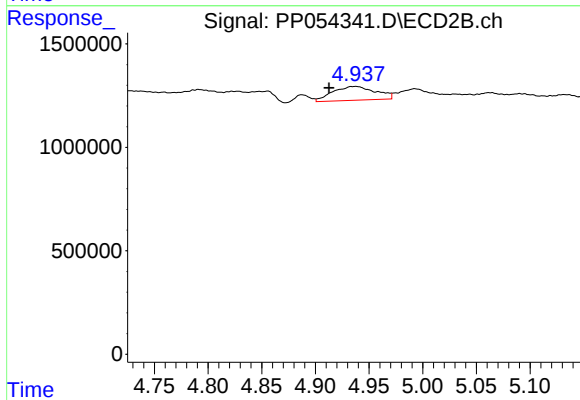
R.T.: 4.691 min
Delta R.T.: 0.015 min
Response: 188103
Conc: 5.78 ng/ml



#22 AR-1248-2

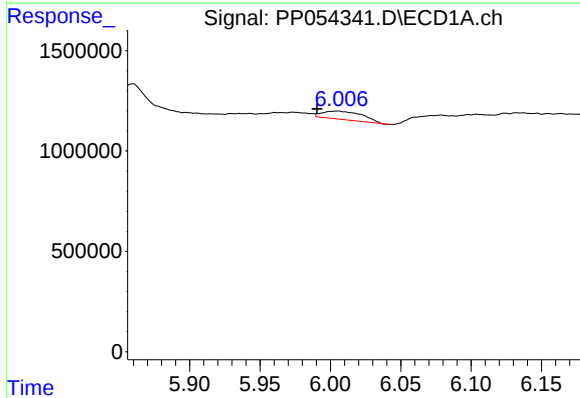
R.T.: 0.000 min
Exp R.T.: 5.786 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



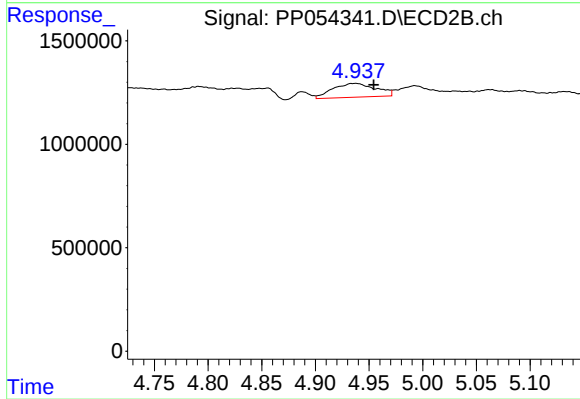
#22 AR-1248-2

R.T.: 4.938 min
Delta R.T.: 0.025 min
Response: 1865445
Conc: 37.77 ng/ml



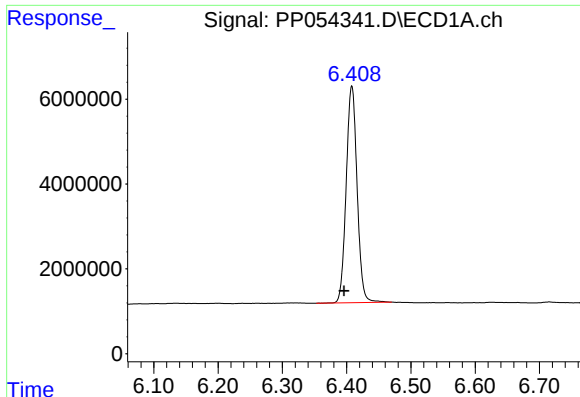
#23 AR-1248-3

R.T.: 6.005 min
Delta R.T.: 0.014 min
Response: 806724
Conc: 13.61 ng/ml



#23 AR-1248-3

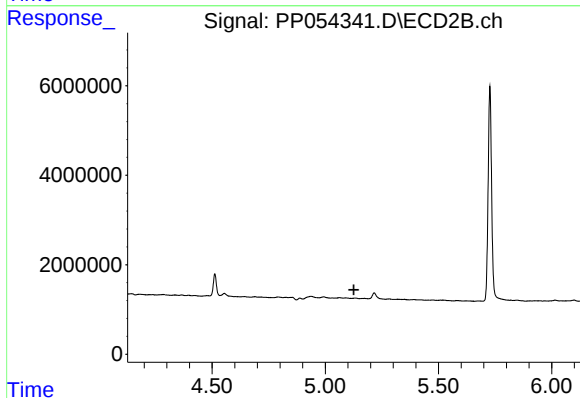
R.T.: 4.938 min
Delta R.T.: -0.017 min
Response: 1865445
Conc: 36.15 ng/ml



#24 AR-1248-4

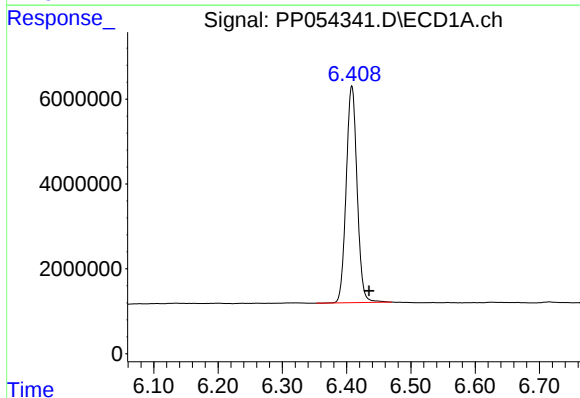
R.T.: 6.408 min
Delta R.T.: 0.012 min
Response: 60199310
Conc: 1039.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



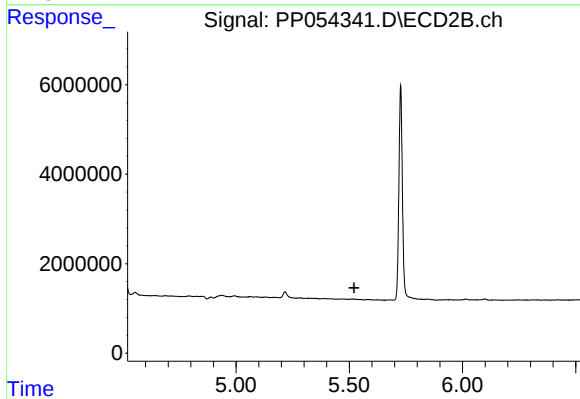
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.126 min
Response: 0
Conc: N.D.



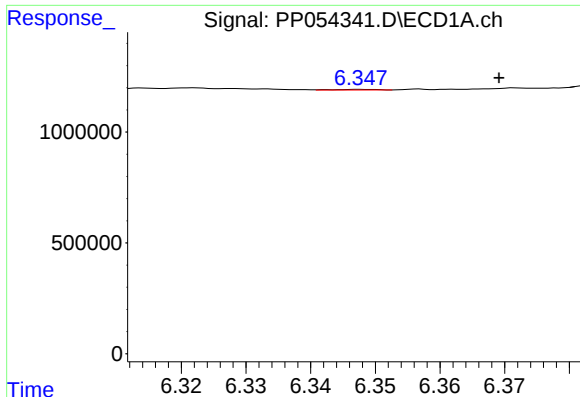
#25 AR-1248-5

R.T.: 6.408 min
Delta R.T.: -0.027 min
Response: 60199310
Conc: 1084.96 ng/ml



#25 AR-1248-5

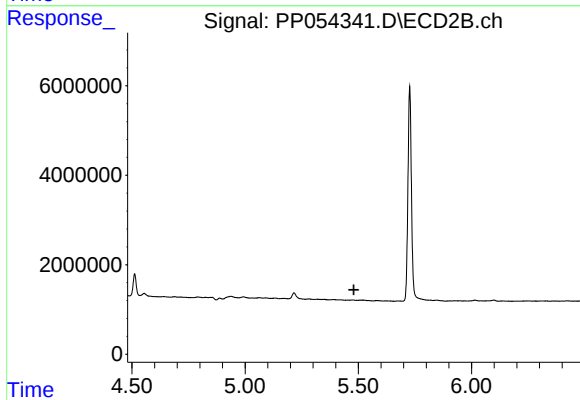
R.T.: 0.000 min
Exp R.T. : 5.521 min
Response: 0
Conc: N.D.



#26 AR-1254-1

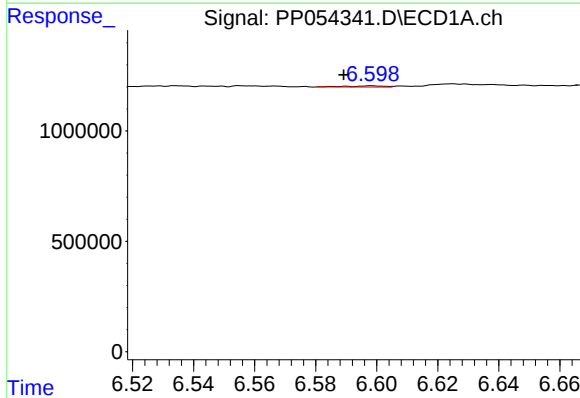
R.T.: 6.348 min
Delta R.T.: -0.021 min
Response: 14010
Conc: 0.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



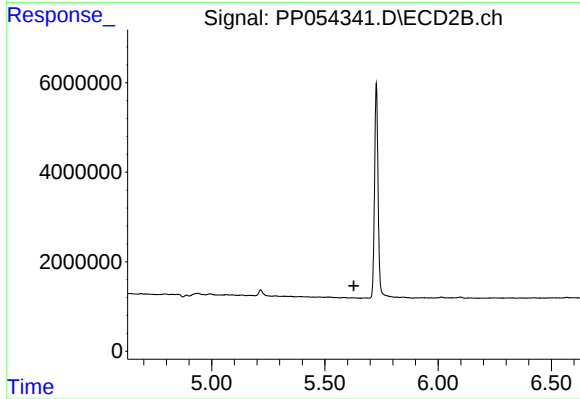
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.480 min
Response: 0
Conc: N.D.



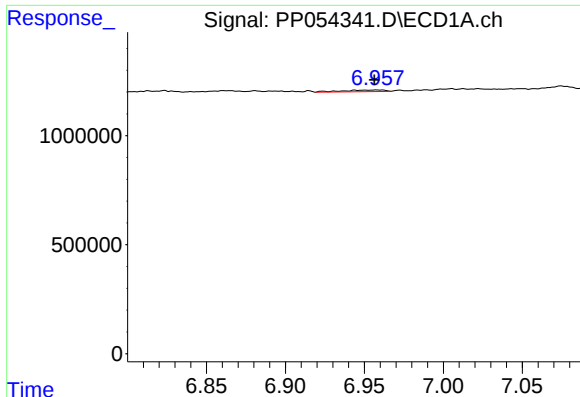
#27 AR-1254-2

R.T.: 6.598 min
Delta R.T.: 0.009 min
Response: 44847
Conc: 0.48 ng/ml



#27 AR-1254-2

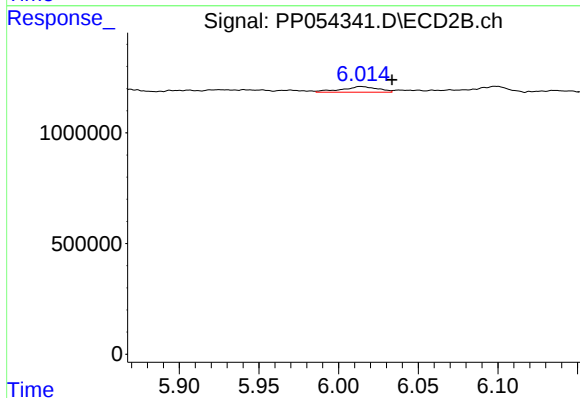
R.T.: 0.000 min
Exp R.T. : 5.628 min
Response: 0
Conc: N.D.



#28 AR-1254-3

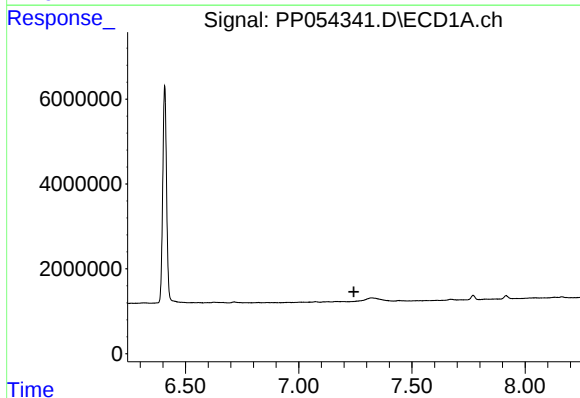
R.T.: 6.957 min
Delta R.T.: 0.001 min
Response: 138381
Conc: 1.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



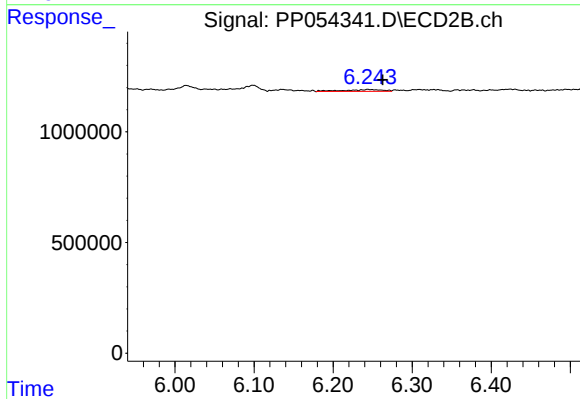
#28 AR-1254-3

R.T.: 6.014 min
Delta R.T.: -0.019 min
Response: 407436
Conc: 3.51 ng/ml



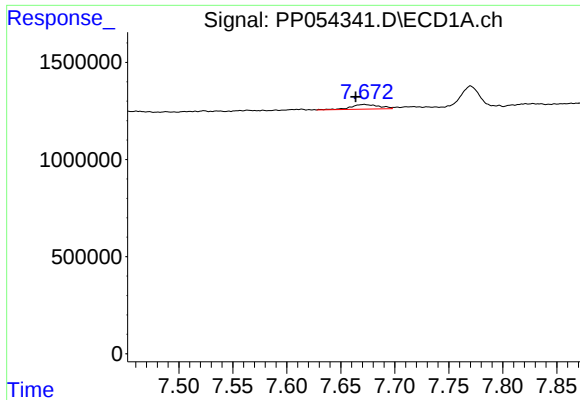
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.244 min
Response: 0
Conc: N.D.



#29 AR-1254-4

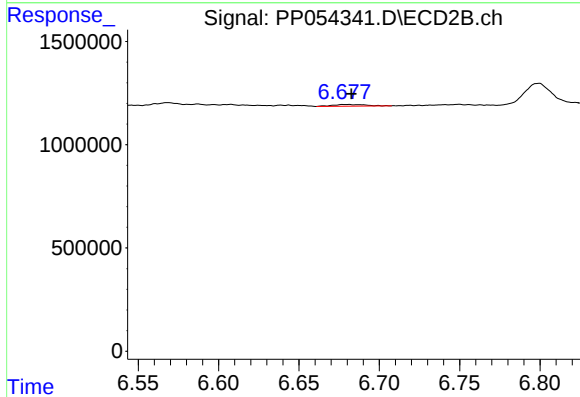
R.T.: 6.244 min
Delta R.T.: -0.019 min
Response: 289608
Conc: 4.60 ng/ml



#30 AR-1254-5

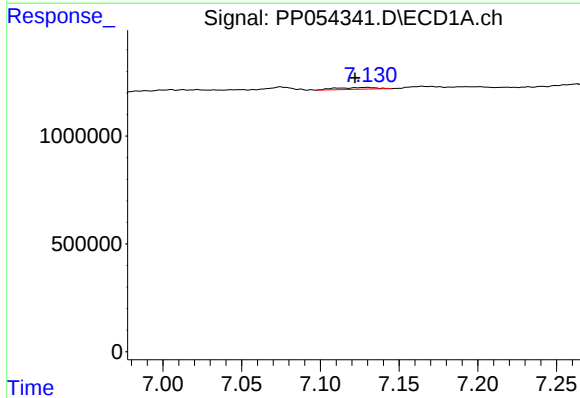
R.T.: 7.672 min
Delta R.T.: 0.008 min
Response: 432658
Conc: 5.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



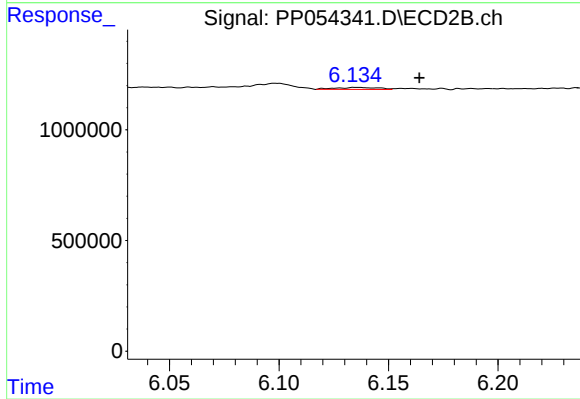
#30 AR-1254-5

R.T.: 6.680 min
Delta R.T.: -0.003 min
Response: 110141
Conc: 1.15 ng/ml



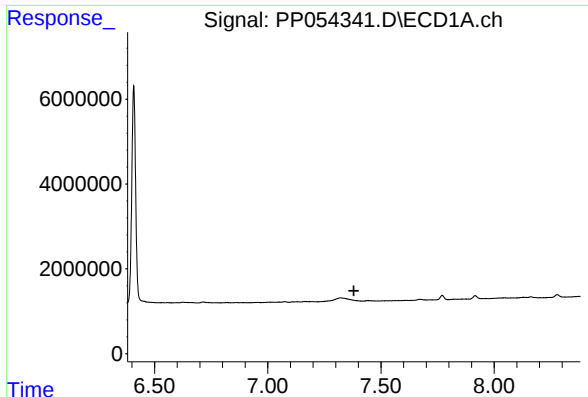
#31 AR-1260-1

R.T.: 7.130 min
Delta R.T.: 0.008 min
Response: 151865
Conc: 1.95 ng/ml



#31 AR-1260-1

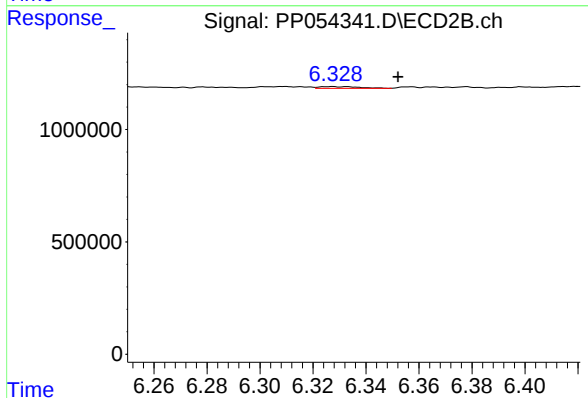
R.T.: 6.135 min
Delta R.T.: -0.029 min
Response: 125190
Conc: 1.48 ng/ml



#32 AR-1260-2

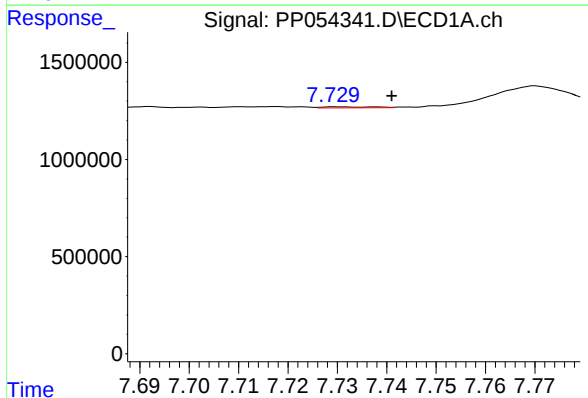
R.T.: 0.000 min
Exp R.T.: 7.380 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



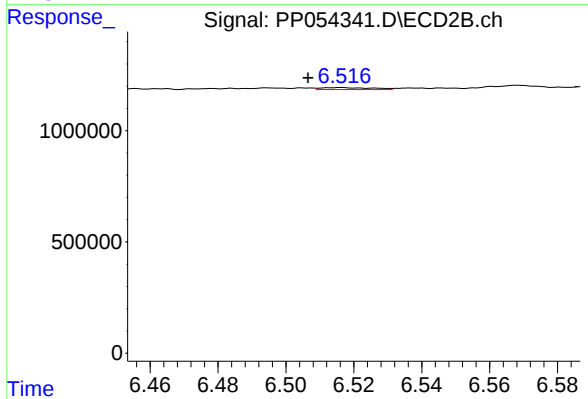
#32 AR-1260-2

R.T.: 6.327 min
Delta R.T.: -0.025 min
Response: 82574
Conc: 0.86 ng/ml



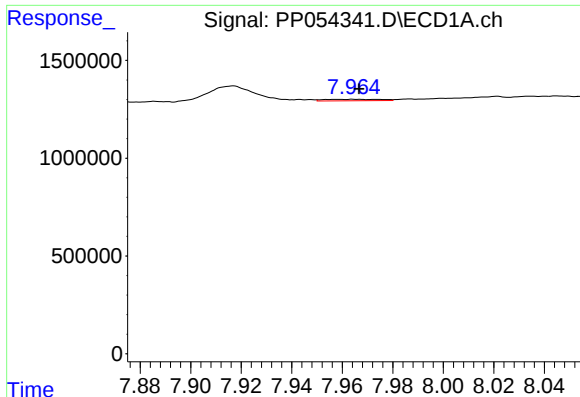
#33 AR-1260-3

R.T.: 7.730 min
Delta R.T.: -0.011 min
Response: 39689
Conc: 0.58 ng/ml



#33 AR-1260-3

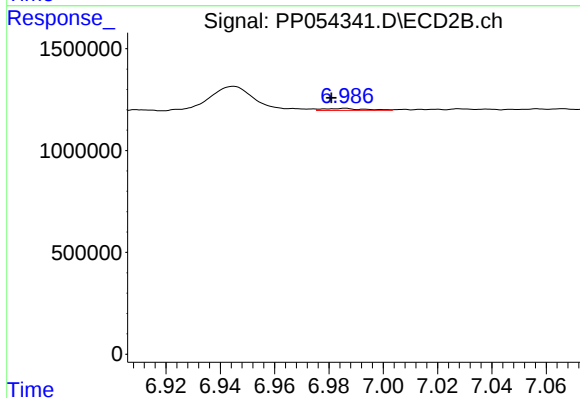
R.T.: 6.516 min
Delta R.T.: 0.010 min
Response: 97553
Conc: 1.07 ng/ml



#34 AR-1260-4

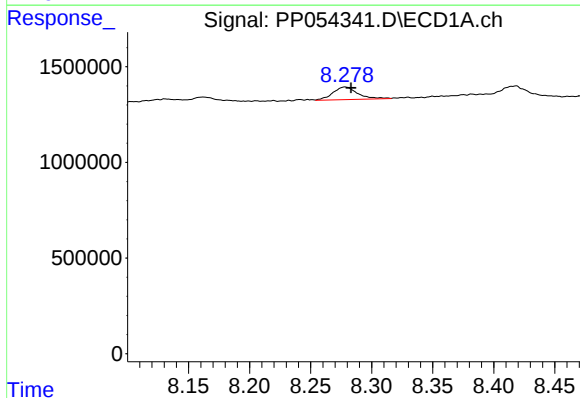
R.T.: 7.965 min
Delta R.T.: -0.002 min
Response: 115743
Conc: 1.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



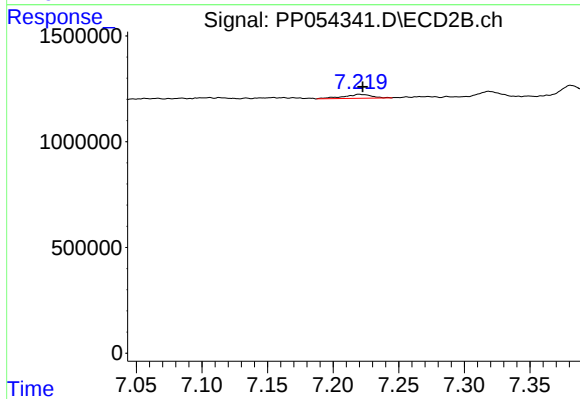
#34 AR-1260-4

R.T.: 6.986 min
Delta R.T.: 0.005 min
Response: 104388
Conc: 1.38 ng/ml



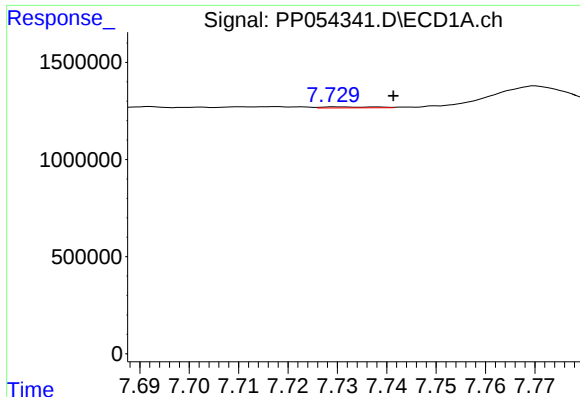
#35 AR-1260-5

R.T.: 8.278 min
Delta R.T.: -0.005 min
Response: 932211
Conc: 6.50 ng/ml



#35 AR-1260-5

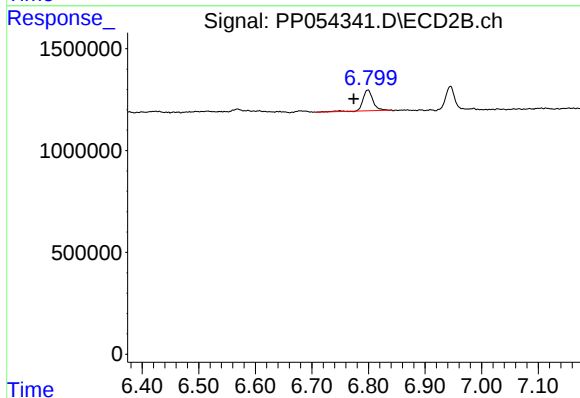
R.T.: 7.220 min
Delta R.T.: -0.003 min
Response: 280134
Conc: 1.77 ng/ml



#36 AR-1262-1

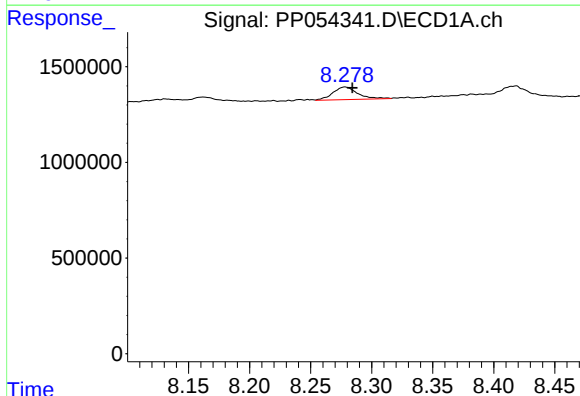
R.T.: 7.730 min
Delta R.T.: -0.011 min
Response: 39689
Conc: 0.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



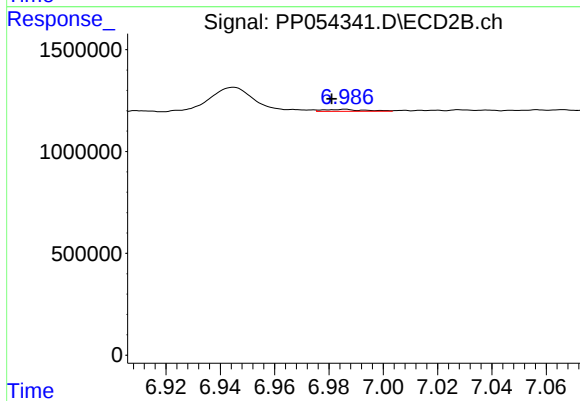
#36 AR-1262-1

R.T.: 6.799 min
Delta R.T.: 0.025 min
Response: 1230476
Conc: 30.14 ng/ml



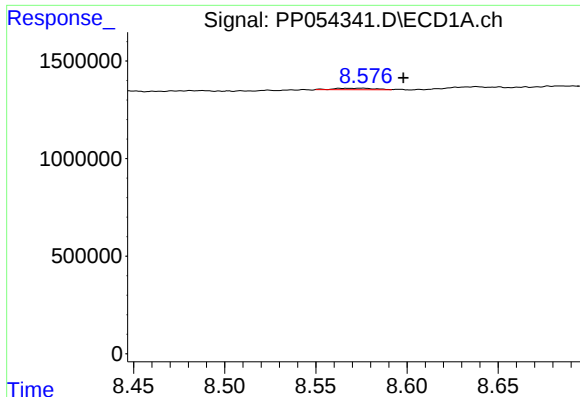
#37 AR-1262-2

R.T.: 8.278 min
Delta R.T.: -0.006 min
Response: 932211
Conc: 6.59 ng/ml



#37 AR-1262-2

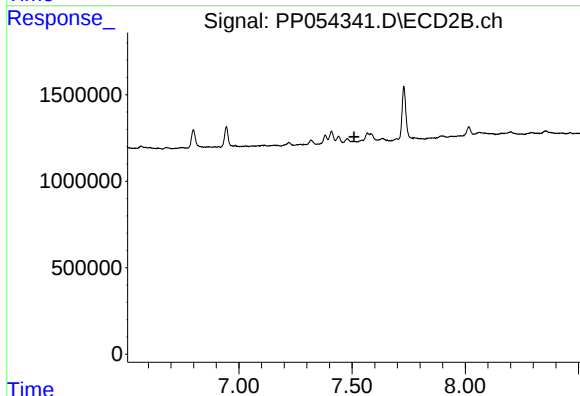
R.T.: 6.986 min
Delta R.T.: 0.005 min
Response: 104388
Conc: 1.21 ng/ml



#38 AR-1262-3

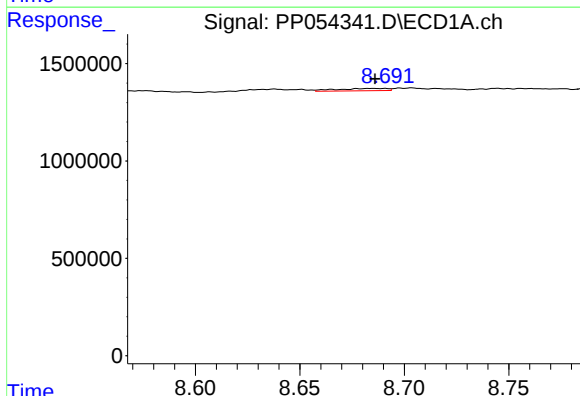
R.T.: 8.575 min
Delta R.T.: -0.023 min
Response: 119285
Conc: 1.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



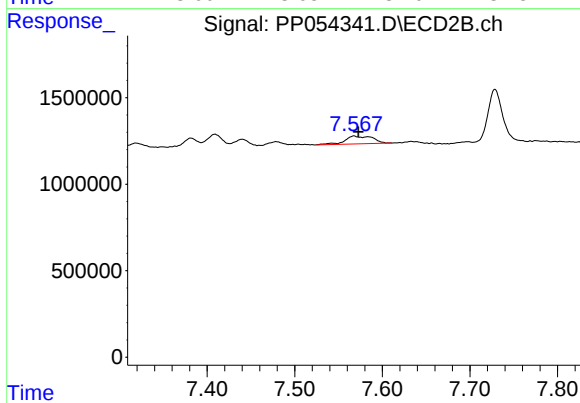
#38 AR-1262-3

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



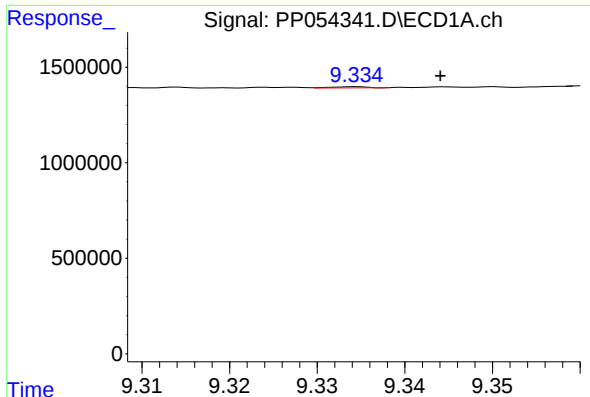
#39 AR-1262-4

R.T.: 8.684 min
Delta R.T.: -0.002 min
Response: 205562
Conc: 4.06 ng/ml



#39 AR-1262-4

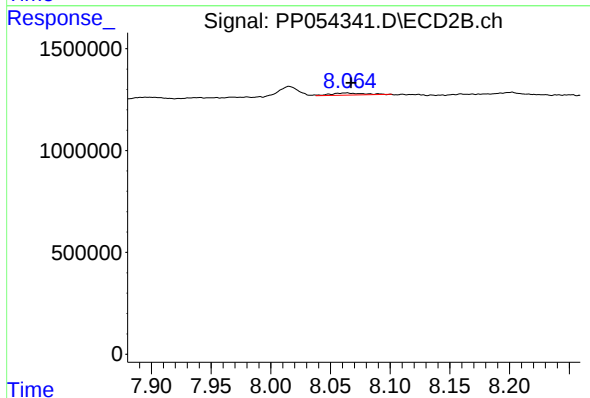
R.T.: 7.568 min
Delta R.T.: -0.005 min
Response: 994838
Conc: 8.50 ng/ml



#40 AR-1262-5

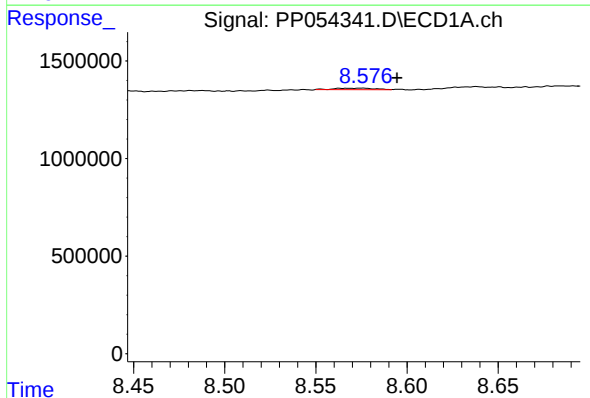
R.T.: 9.334 min
Delta R.T.: -0.010 min
Response: 16294
Conc: 0.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



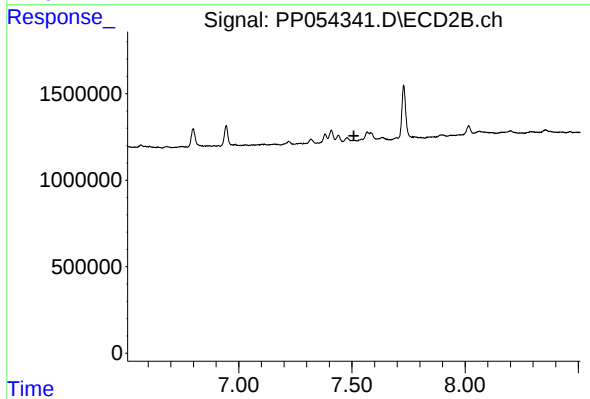
#40 AR-1262-5

R.T.: 8.063 min
Delta R.T.: -0.004 min
Response: 208653
Conc: 3.79 ng/ml



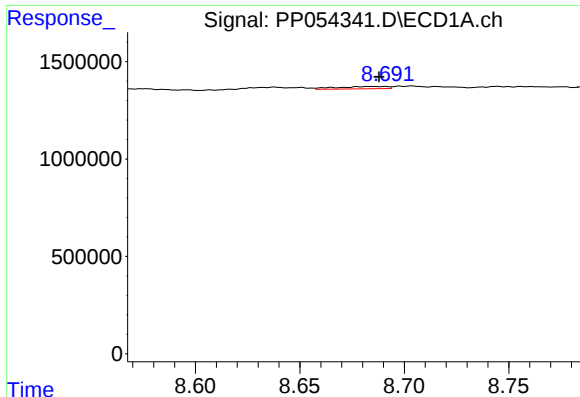
#41 AR-1268-1

R.T.: 8.575 min
Delta R.T.: -0.019 min
Response: 119285
Conc: 0.61 ng/ml



#41 AR-1268-1

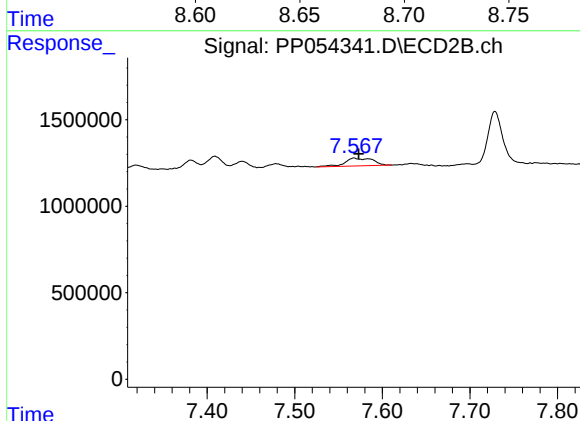
R.T.: 0.000 min
Exp R.T.: 7.509 min
Response: 0
Conc: N.D.



#42 AR-1268-2

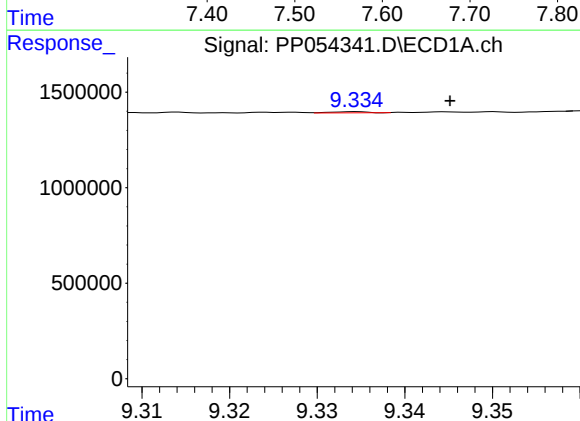
R.T.: 8.684 min
Delta R.T.: -0.004 min
Response: 205562
Conc: 1.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



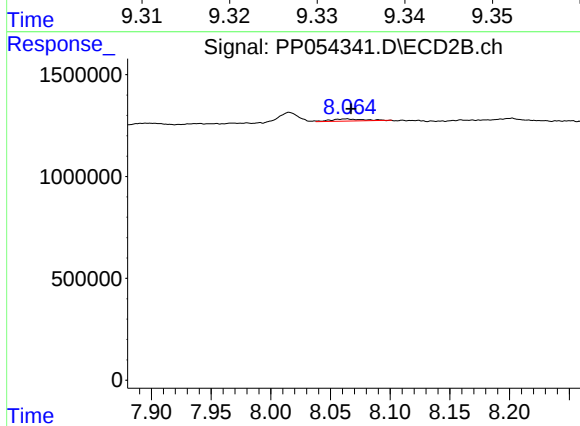
#42 AR-1268-2

R.T.: 7.568 min
Delta R.T.: -0.005 min
Response: 994838
Conc: 5.40 ng/ml



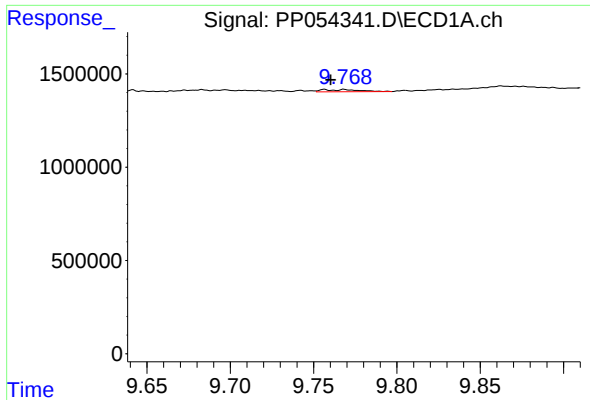
#44 AR-1268-4

R.T.: 9.334 min
Delta R.T.: -0.011 min
Response: 16294
Conc: 0.24 ng/ml



#44 AR-1268-4

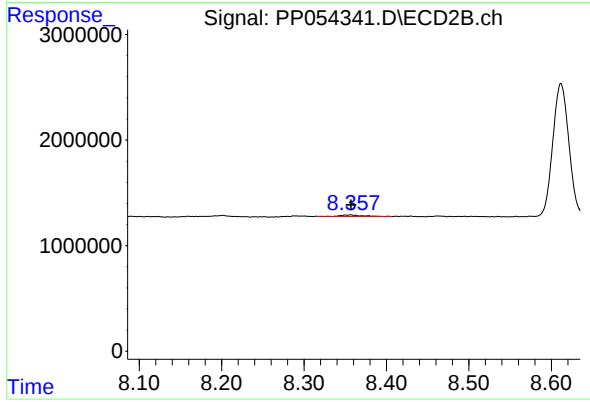
R.T.: 8.063 min
Delta R.T.: -0.004 min
Response: 208653
Conc: 3.30 ng/ml



#45 AR-1268-5

R.T.: 9.756 min
Delta R.T.: -0.004 min
Response: 175706
Conc: 0.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.356 min
Delta R.T.: -0.001 min
Response: 259784
Conc: 0.53 ng/ml