

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011123\
 Data File : PP054459.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jan 2023 18:24
 Operator : YP\AJ
 Sample : 01106-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 21:16:00 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	3.585	47308804	35421749	23.362	21.960
2)	SA Decachlor...	10.093	8.604	24467608	28697207	17.036	20.343
Target Compounds							
3)	L1 AR-1016-1	5.500	4.682	541062	74993	7.322	1.441 #
4)	L1 AR-1016-2	5.533	4.693	547707	38369	5.132	0.536 #
5)	L1 AR-1016-3	5.585	4.870	657733	117846	9.614	3.004 #
6)	L1 AR-1016-4	0.000	4.913	0	123947	N.D.	3.602 #
7)	L1 AR-1016-5	5.985	5.109f	98464	365822	2.175	8.320 #
8)	L2 AR-1221-1	4.542	0.000	2233829	0	92.905	N.D. #
9)	L2 AR-1221-2	4.641	3.867f	682553	1587833	38.525	107.688 #
10)	L2 AR-1221-3	4.708	3.950	111544	38315	2.070	0.863 #
11)	L3 AR-1232-1	4.708	3.950	111544	38315	2.480	1.029 #
12)	L3 AR-1232-2	5.237	4.693	308997	38369	11.842	0.716 #
13)	L3 AR-1232-3	5.533	4.870	547707	117846	11.907	7.098 #
14)	L3 AR-1232-4	0.000	4.952	0	193673	N.D.	11.545 #
15)	L3 AR-1232-5	5.782	5.109f	84119	365822	4.727	20.262 #
16)	L4 AR-1242-1	5.500	4.682	541062	74993	9.112	1.776 #
17)	L4 AR-1242-2	5.533	4.693	547707	38369	6.406	0.659 #
18)	L4 AR-1242-3	5.585	4.870	657733	117846	12.038	3.685 #
19)	L4 AR-1242-4	0.000	4.952	0	193673	N.D.	5.552 #
20)	L4 AR-1242-5	6.428	5.475	131582	270035	4.009	7.177 #
21)	L5 AR-1248-1	5.500	4.682	541062	74993	12.051	2.305 #
22)	L5 AR-1248-2	5.782	4.913	84119	123947	1.324	2.510 #
23)	L5 AR-1248-3	5.985	4.952	98464	193673	1.661	3.753 #
24)	L5 AR-1248-4	6.392	5.109f	136289	365822	2.353	6.199 #
25)	L5 AR-1248-5	6.428	5.519	131582	146705	2.371	2.958
26)	L6 AR-1254-1	6.366	5.475	173085	270035	2.786	3.149
27)	L6 AR-1254-2	6.586	5.626	197843	302415	2.108	4.071 #
28)	L6 AR-1254-3	6.951	6.025	127079	202614	1.339	1.746 #
30)	L6 AR-1254-5	0.000	6.674	0	182685	N.D.	1.911 #
31)	L7 AR-1260-1	7.134	6.155	66660	134720	0.855	1.590 #
32)	L7 AR-1260-2	7.376	6.349	290589	73299	3.244	0.766 #
33)	L7 AR-1260-3	7.736	6.503	38246	153930	0.560	1.684 #
34)	L7 AR-1260-4	7.968	7.006f	134434	161671	1.687	2.133 #
35)	L7 AR-1260-5	8.283	7.218	214566	89529	1.496	0.565 #
36)	L8 AR-1262-1	7.736	6.764	38246	48136	0.455	1.179 #
37)	L8 AR-1262-2	8.283	7.006f	214566	161671	1.516	1.867
39)	L8 AR-1262-4	8.691	7.561	369796	221664	7.305	1.894 #
40)	L8 AR-1262-5	9.324f	8.063	122735	186480	2.185	3.385 #
42)	L9 AR-1268-2	8.691	7.561	369796	221664	2.095	1.203 #
43)	L9 AR-1268-3	8.914	0.000	90698	0	0.585	N.D. #
44)	L9 AR-1268-4	9.365f	8.063	51017	186480	0.746	2.951 #

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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
45) L9	AR-1268-5	9.772	8.354	43139	89008	0.085	0.182 #

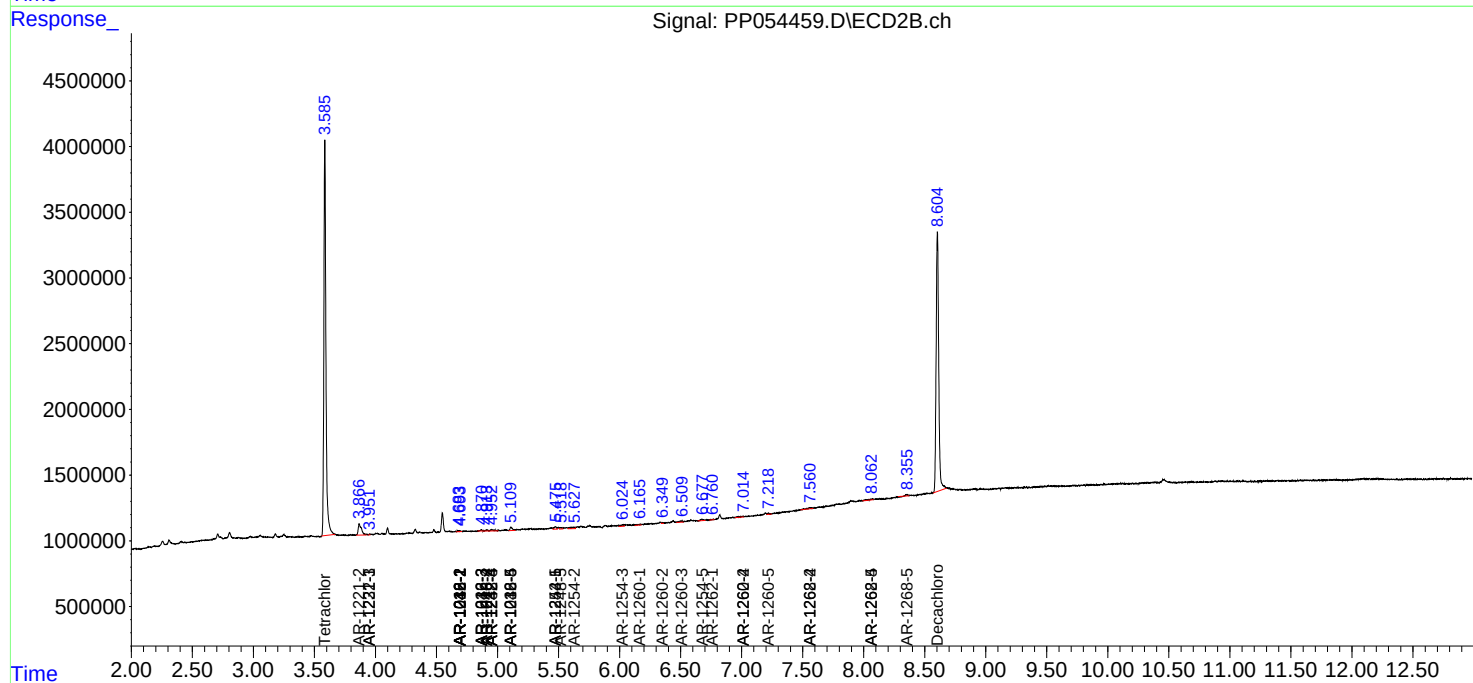
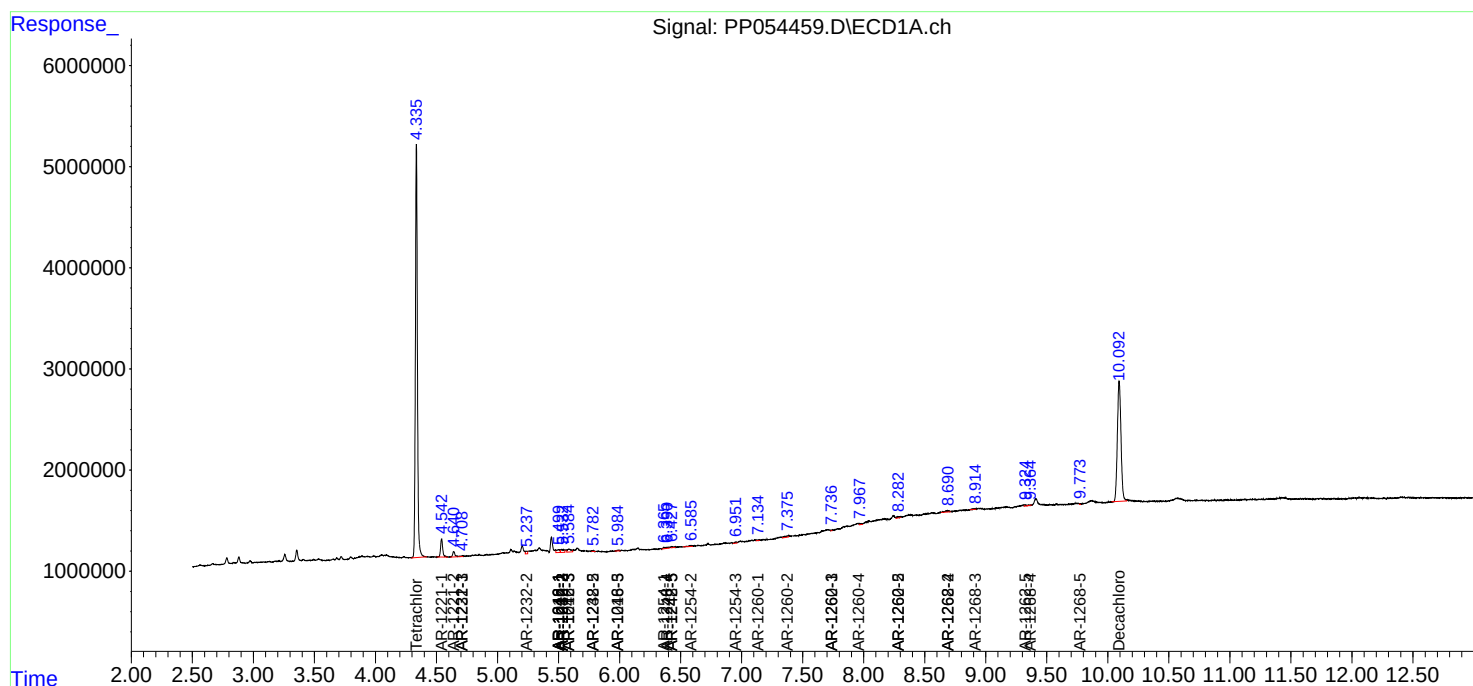
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

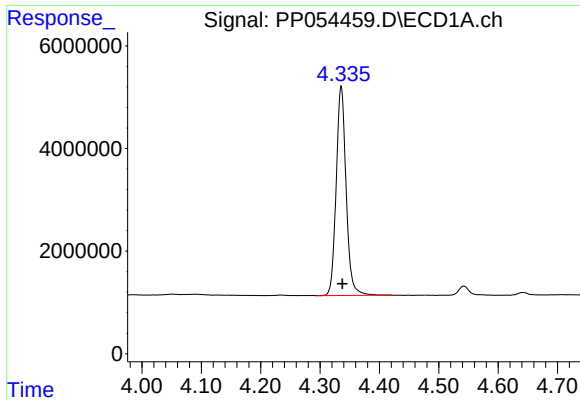
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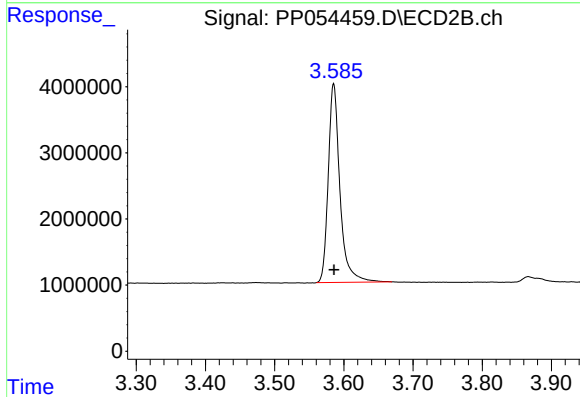




#1 Tetrachloro-m-xylene

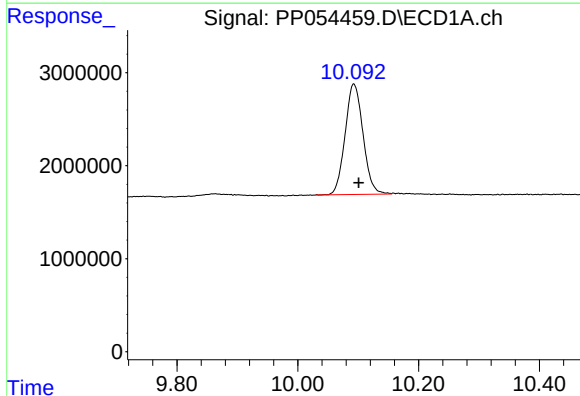
R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 47308804
Conc: 23.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



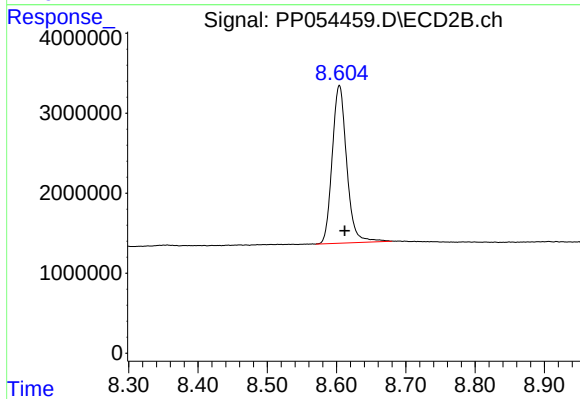
#1 Tetrachloro-m-xylene

R.T.: 3.585 min
Delta R.T.: 0.000 min
Response: 35421749
Conc: 21.96 ng/ml



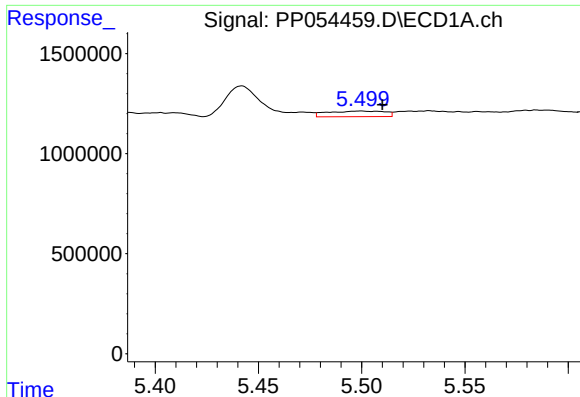
#2 Decachlorobiphenyl

R.T.: 10.093 min
Delta R.T.: -0.009 min
Response: 24467608
Conc: 17.04 ng/ml



#2 Decachlorobiphenyl

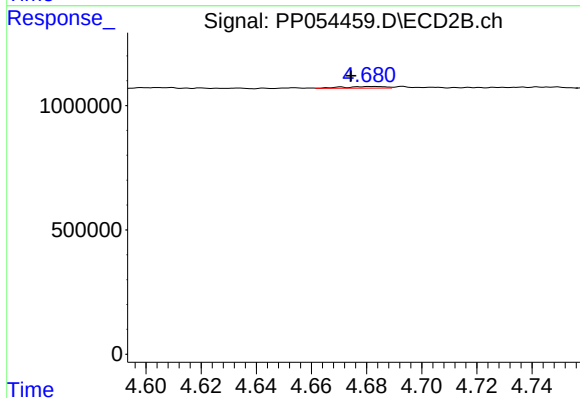
R.T.: 8.604 min
Delta R.T.: -0.008 min
Response: 28697207
Conc: 20.34 ng/ml



#3 AR-1016-1

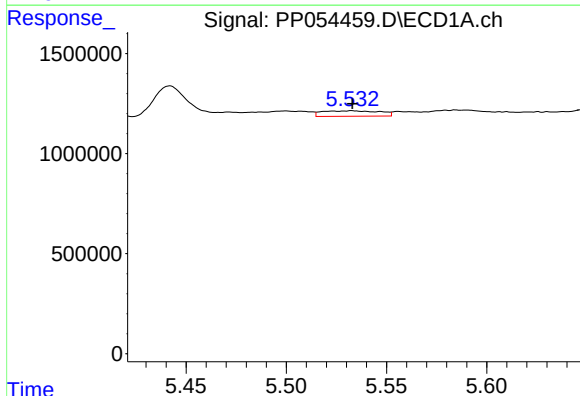
R.T.: 5.500 min
Delta R.T.: -0.010 min
Response: 541062
Conc: 7.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



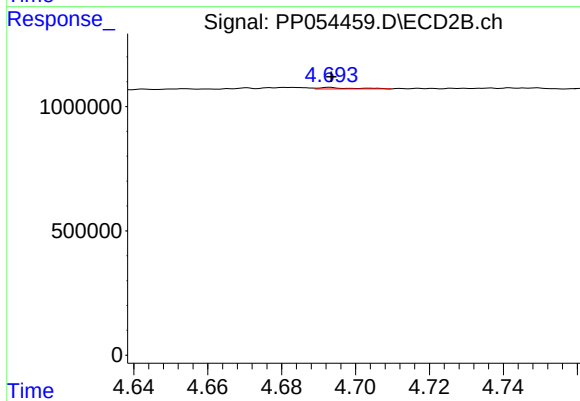
#3 AR-1016-1

R.T.: 4.682 min
Delta R.T.: 0.008 min
Response: 74993
Conc: 1.44 ng/ml



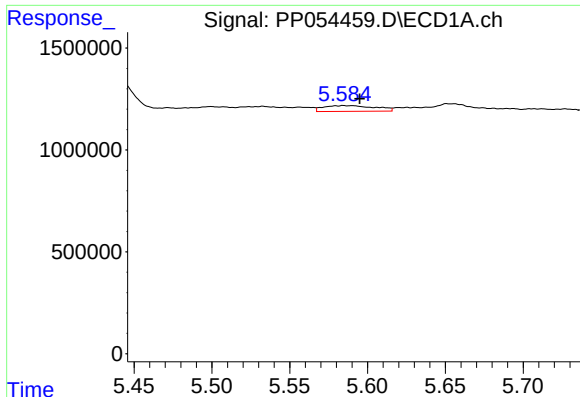
#4 AR-1016-2

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 547707
Conc: 5.13 ng/ml



#4 AR-1016-2

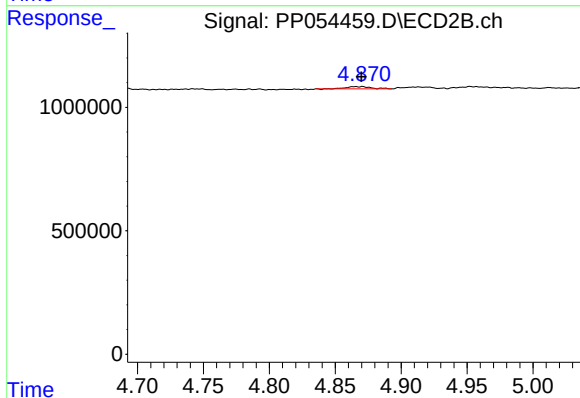
R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 38369
Conc: 0.54 ng/ml



#5 AR-1016-3

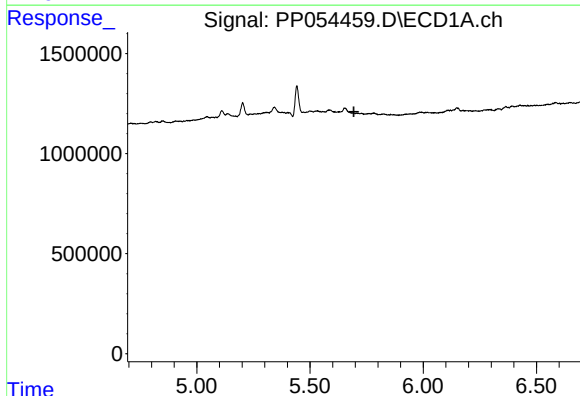
R.T.: 5.585 min
Delta R.T.: -0.010 min
Response: 657733
Conc: 9.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



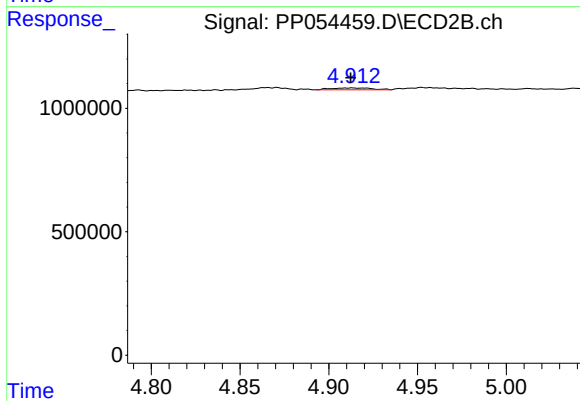
#5 AR-1016-3

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 117846
Conc: 3.00 ng/ml



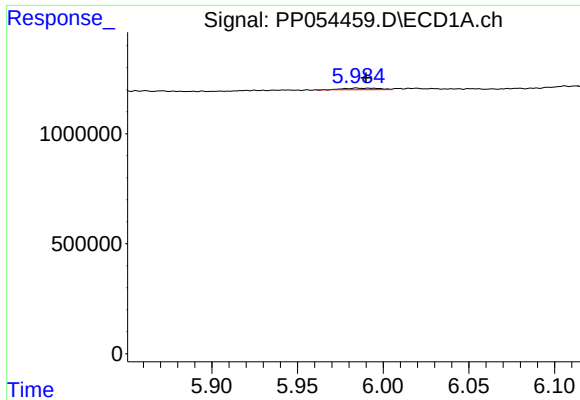
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.694 min
Response: 0
Conc: N.D.



#6 AR-1016-4

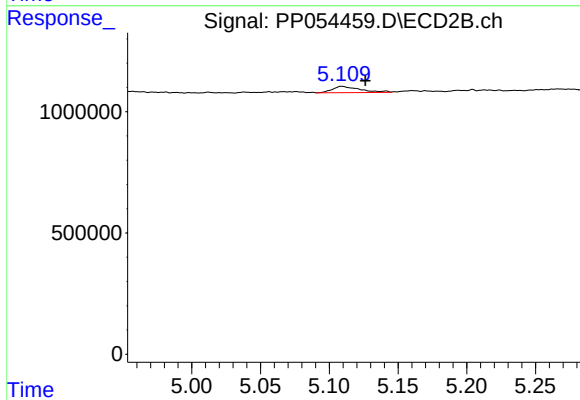
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 123947
Conc: 3.60 ng/ml



#7 AR-1016-5

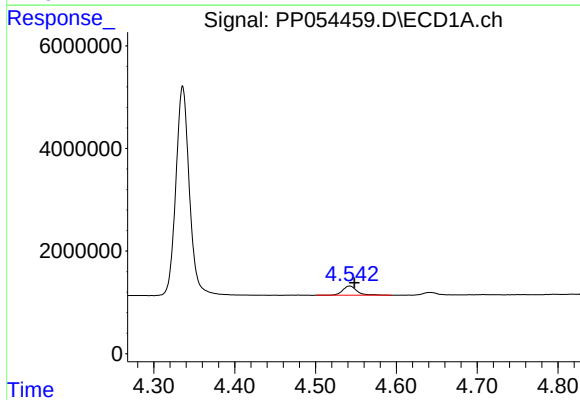
R.T.: 5.985 min
Delta R.T.: -0.005 min
Response: 98464
Conc: 2.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



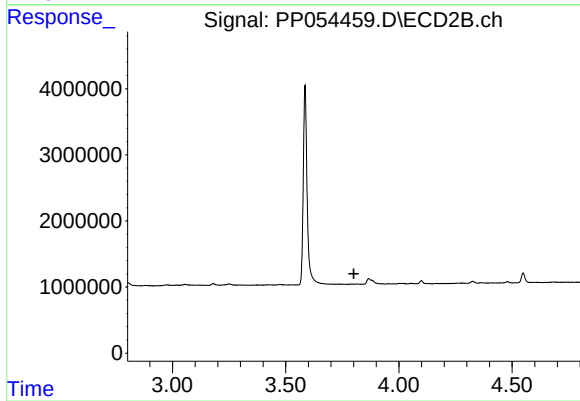
#7 AR-1016-5

R.T.: 5.109 min
Delta R.T.: -0.017 min
Response: 365822
Conc: 8.32 ng/ml



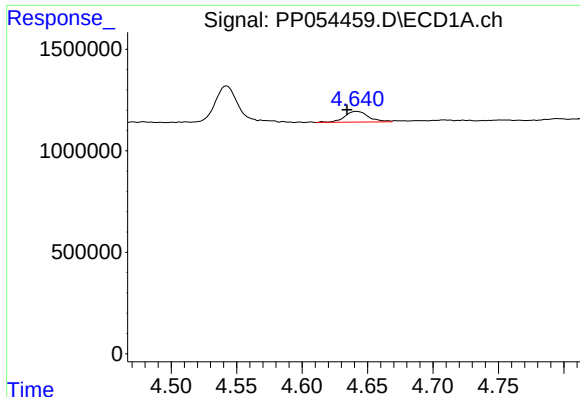
#8 AR-1221-1

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 2233829
Conc: 92.91 ng/ml



#8 AR-1221-1

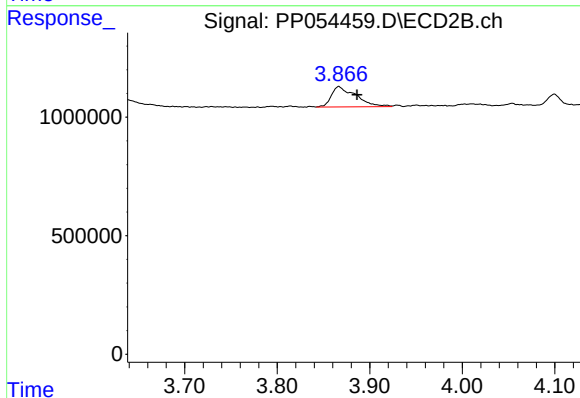
R.T.: 0.000 min
Exp R.T. : 3.801 min
Response: 0
Conc: N.D.



#9 AR-1221-2

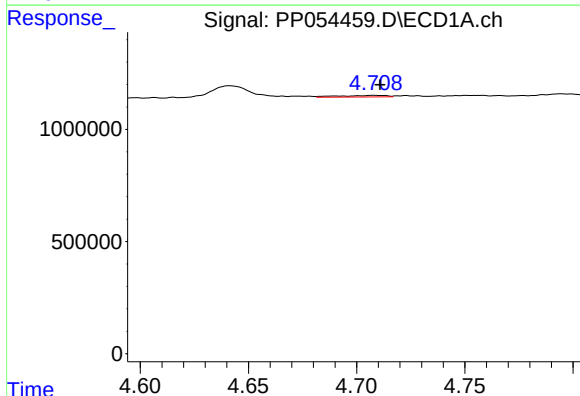
R.T.: 4.641 min
Delta R.T.: 0.007 min
Response: 682553
Conc: 38.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



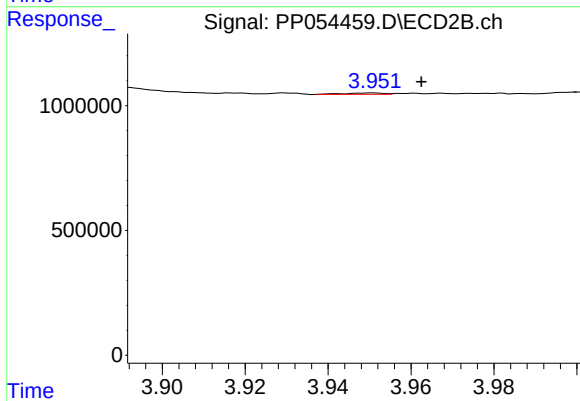
#9 AR-1221-2

R.T.: 3.867 min
Delta R.T.: -0.020 min
Response: 1587833
Conc: 107.69 ng/ml



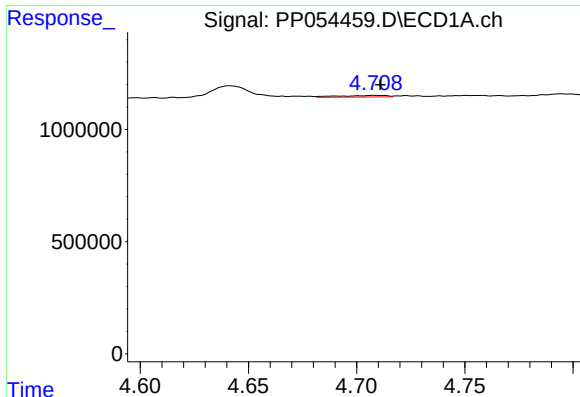
#10 AR-1221-3

R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 111544
Conc: 2.07 ng/ml



#10 AR-1221-3

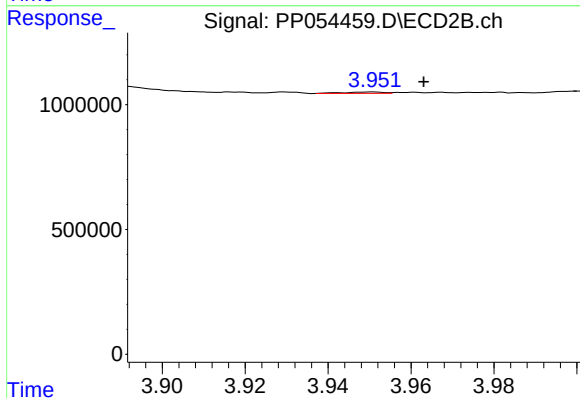
R.T.: 3.950 min
Delta R.T.: -0.012 min
Response: 38315
Conc: 0.86 ng/ml



#11 AR-1232-1

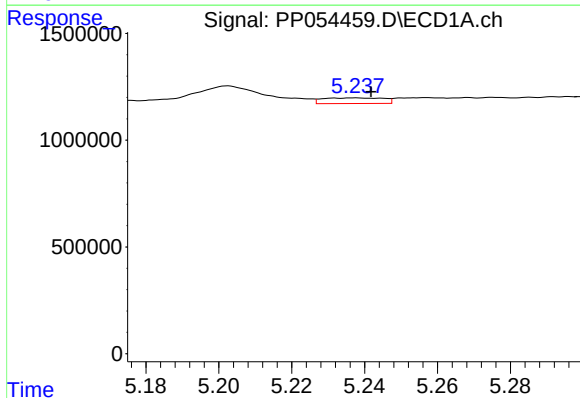
R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 111544
Conc: 2.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



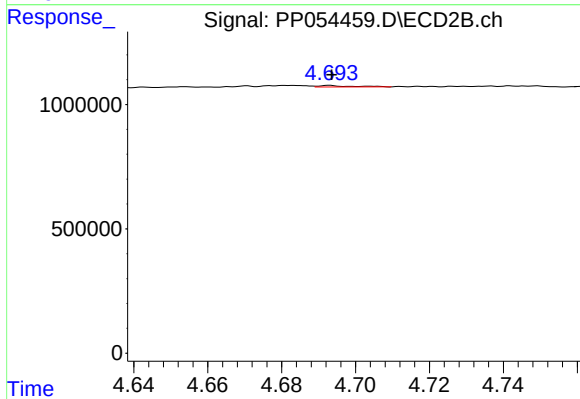
#11 AR-1232-1

R.T.: 3.950 min
Delta R.T.: -0.013 min
Response: 38315
Conc: 1.03 ng/ml



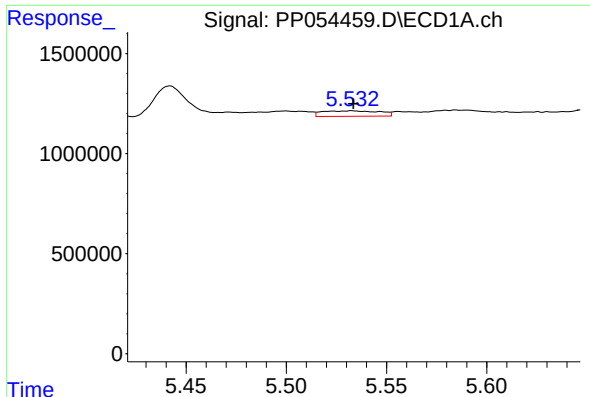
#12 AR-1232-2

R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 308997
Conc: 11.84 ng/ml



#12 AR-1232-2

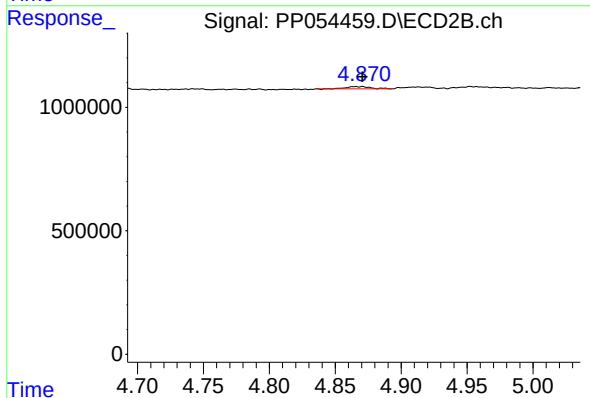
R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 38369
Conc: 0.72 ng/ml



#13 AR-1232-3

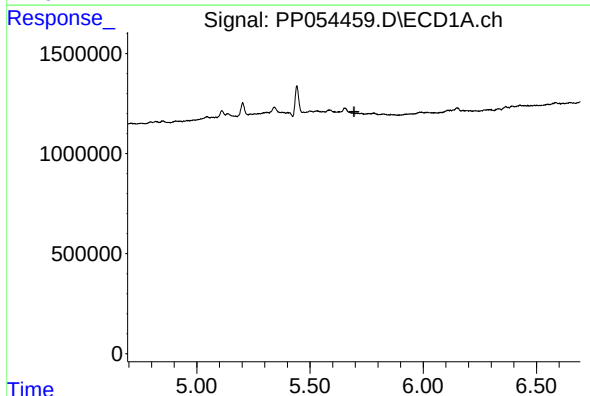
R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 547707
Conc: 11.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



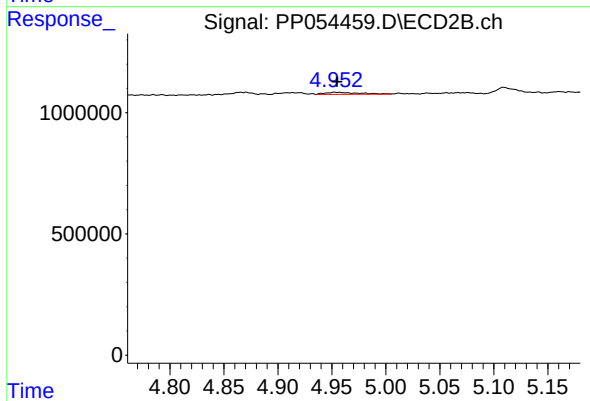
#13 AR-1232-3

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 117846
Conc: 7.10 ng/ml



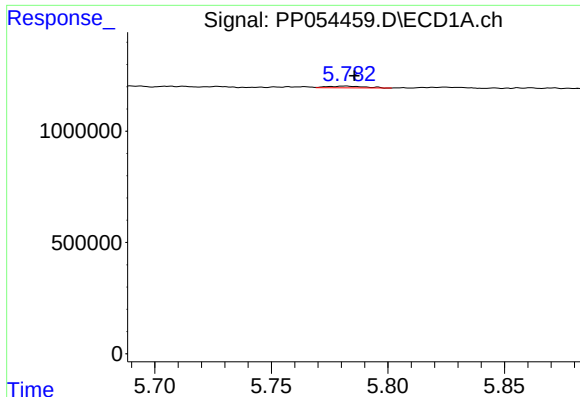
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.694 min
Response: 0
Conc: N.D.



#14 AR-1232-4

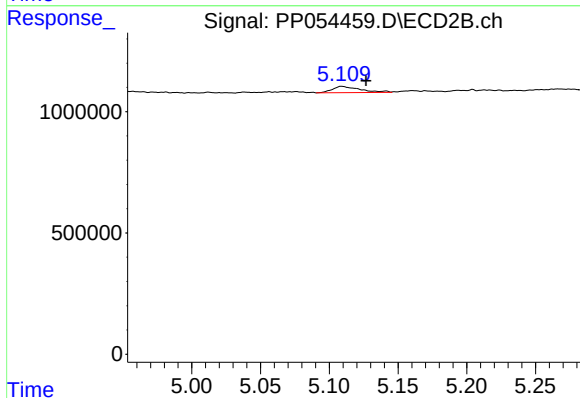
R.T.: 4.952 min
Delta R.T.: -0.002 min
Response: 193673
Conc: 11.55 ng/ml



#15 AR-1232-5

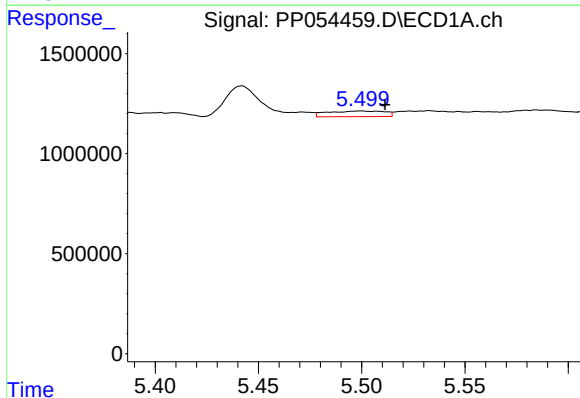
R.T.: 5.782 min
Delta R.T.: -0.004 min
Response: 84119
Conc: 4.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



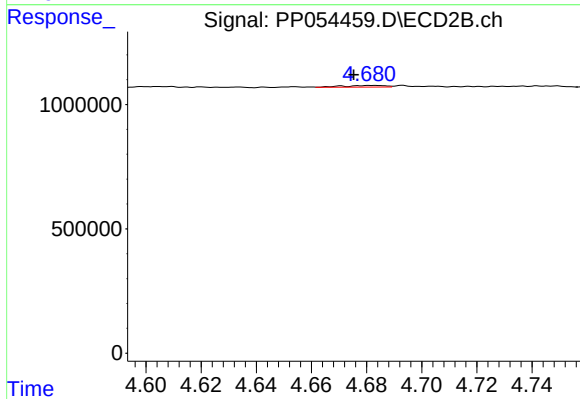
#15 AR-1232-5

R.T.: 5.109 min
Delta R.T.: -0.018 min
Response: 365822
Conc: 20.26 ng/ml



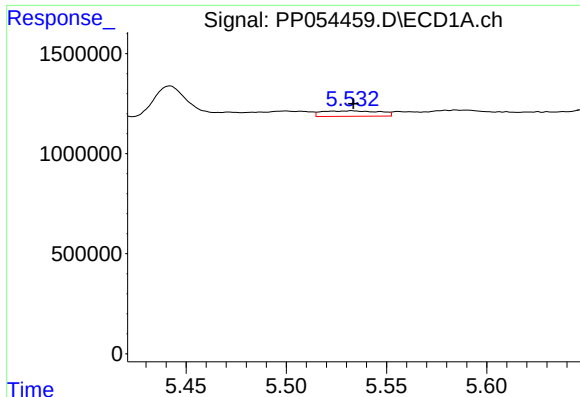
#16 AR-1242-1

R.T.: 5.500 min
Delta R.T.: -0.012 min
Response: 541062
Conc: 9.11 ng/ml



#16 AR-1242-1

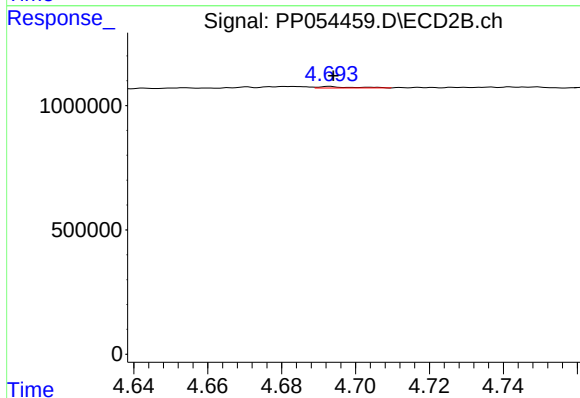
R.T.: 4.682 min
Delta R.T.: 0.007 min
Response: 74993
Conc: 1.78 ng/ml



#17 AR-1242-2

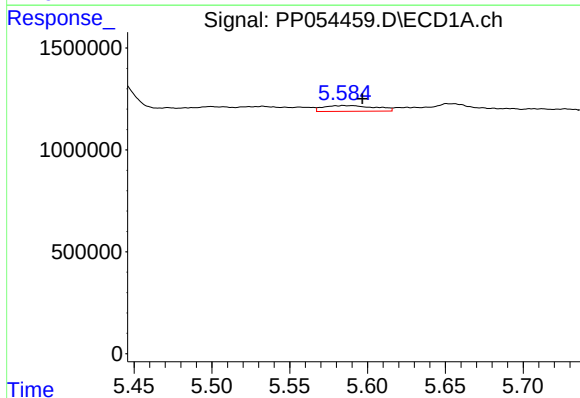
R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 547707
Conc: 6.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



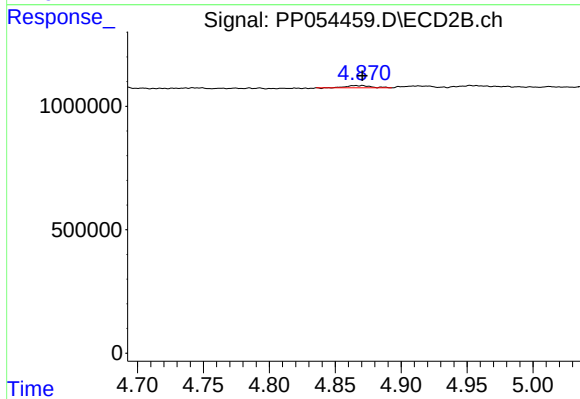
#17 AR-1242-2

R.T.: 4.693 min
Delta R.T.: -0.001 min
Response: 38369
Conc: 0.66 ng/ml



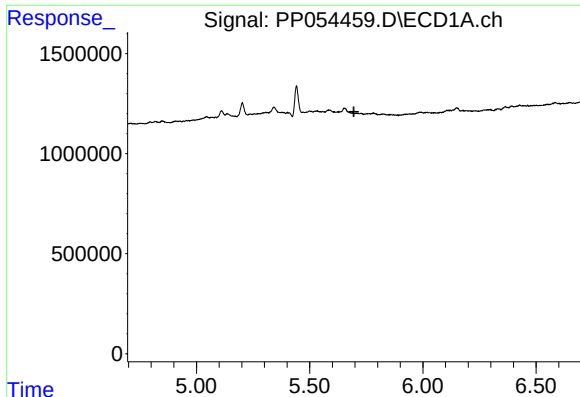
#18 AR-1242-3

R.T.: 5.585 min
Delta R.T.: -0.012 min
Response: 657733
Conc: 12.04 ng/ml



#18 AR-1242-3

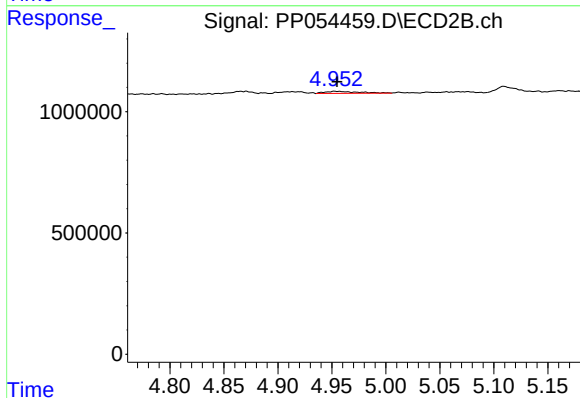
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 117846
Conc: 3.68 ng/ml



#19 AR-1242-4

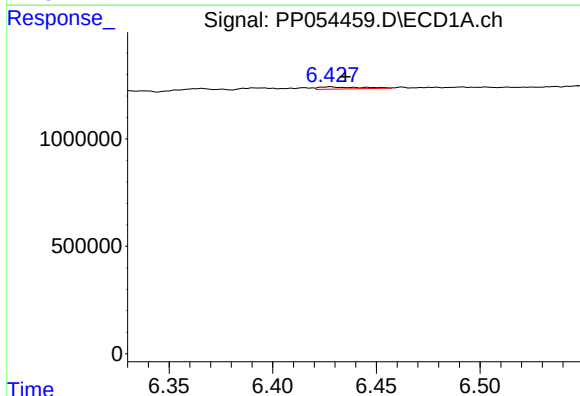
R.T.: 0.000 min
Exp R.T.: 5.695 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



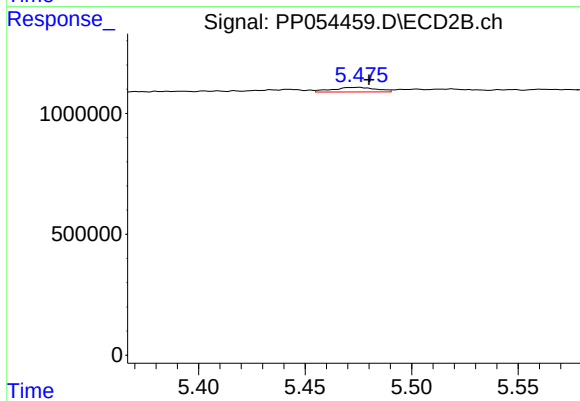
#19 AR-1242-4

R.T.: 4.952 min
Delta R.T.: -0.002 min
Response: 193673
Conc: 5.55 ng/ml



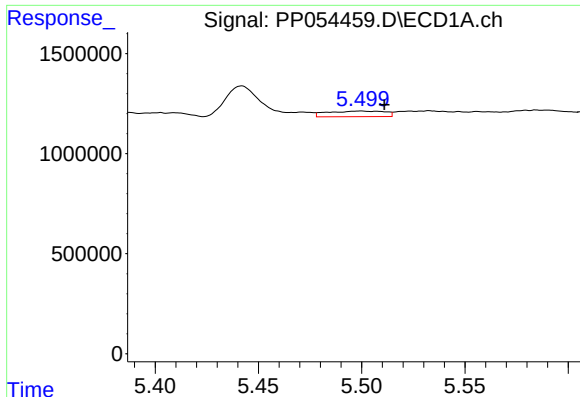
#20 AR-1242-5

R.T.: 6.428 min
Delta R.T.: -0.007 min
Response: 131582
Conc: 4.01 ng/ml



#20 AR-1242-5

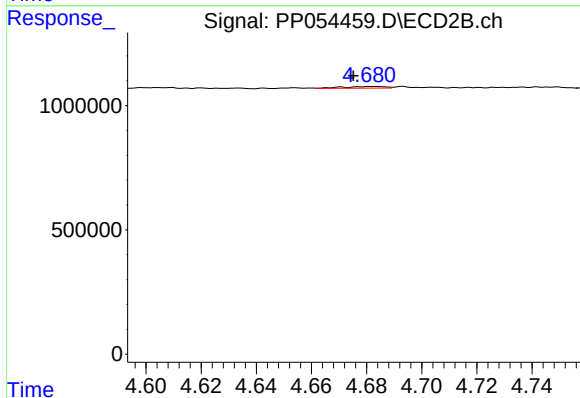
R.T.: 5.475 min
Delta R.T.: -0.005 min
Response: 270035
Conc: 7.18 ng/ml



#21 AR-1248-1

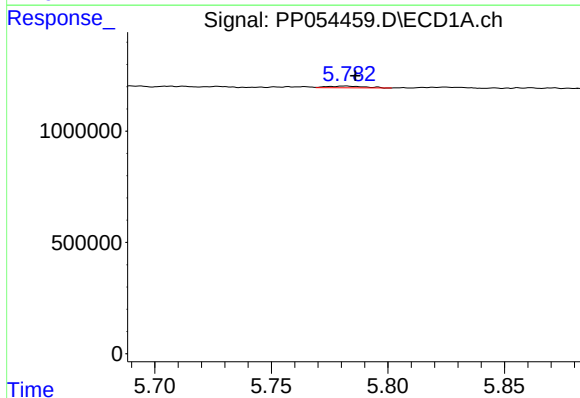
R.T.: 5.500 min
Delta R.T.: -0.011 min
Response: 541062
Conc: 12.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



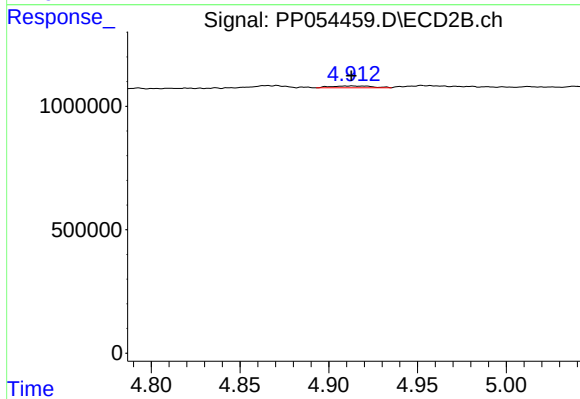
#21 AR-1248-1

R.T.: 4.682 min
Delta R.T.: 0.007 min
Response: 74993
Conc: 2.31 ng/ml



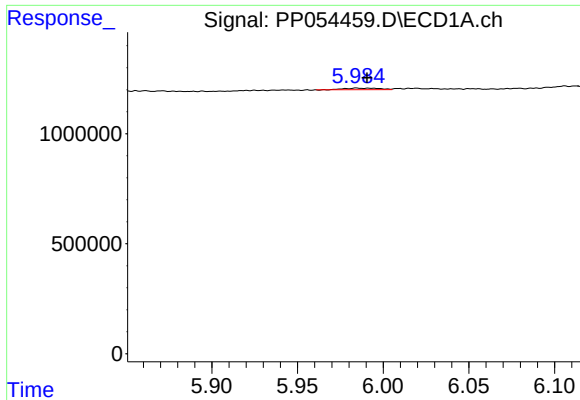
#22 AR-1248-2

R.T.: 5.782 min
Delta R.T.: -0.004 min
Response: 84119
Conc: 1.32 ng/ml



#22 AR-1248-2

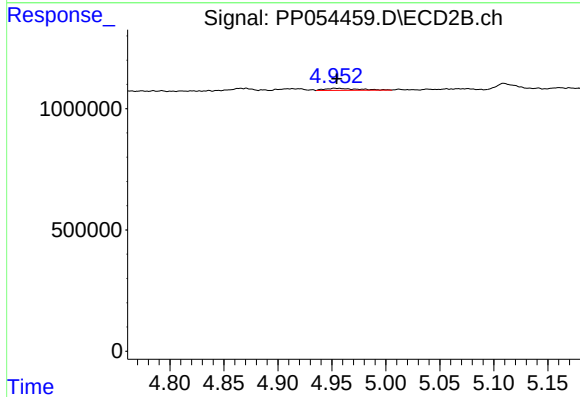
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 123947
Conc: 2.51 ng/ml



#23 AR-1248-3

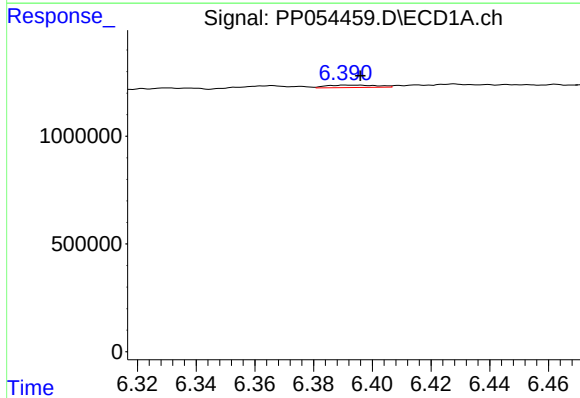
R.T.: 5.985 min
Delta R.T.: -0.006 min
Response: 98464
Conc: 1.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



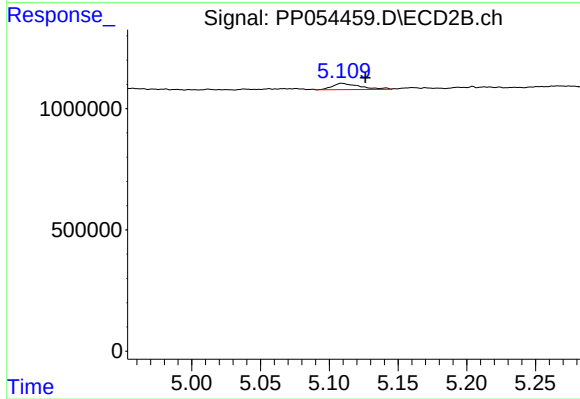
#23 AR-1248-3

R.T.: 4.952 min
Delta R.T.: -0.002 min
Response: 193673
Conc: 3.75 ng/ml



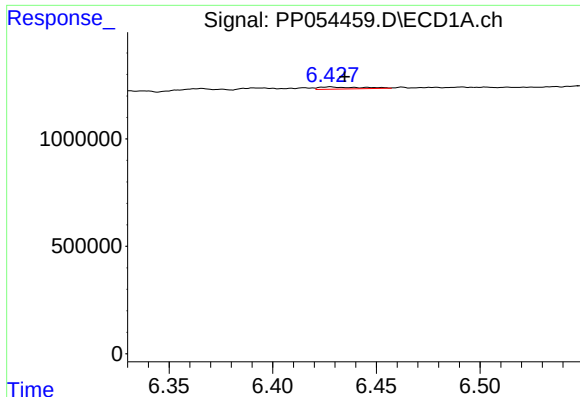
#24 AR-1248-4

R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 136289
Conc: 2.35 ng/ml



#24 AR-1248-4

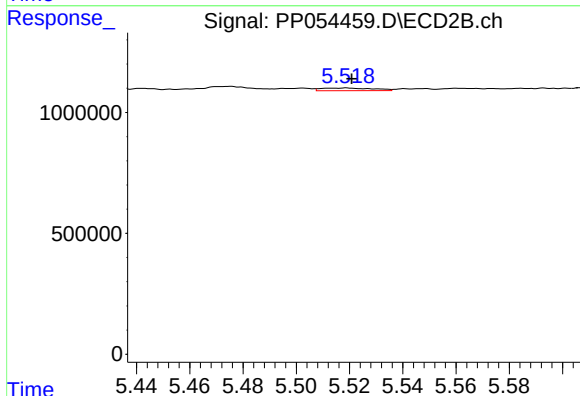
R.T.: 5.109 min
Delta R.T.: -0.017 min
Response: 365822
Conc: 6.20 ng/ml



#25 AR-1248-5

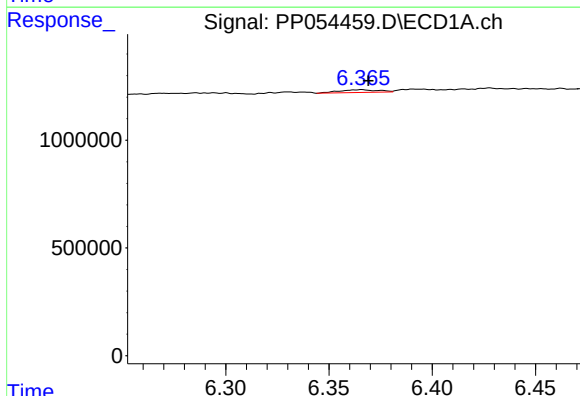
R.T.: 6.428 min
Delta R.T.: -0.007 min
Response: 131582
Conc: 2.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



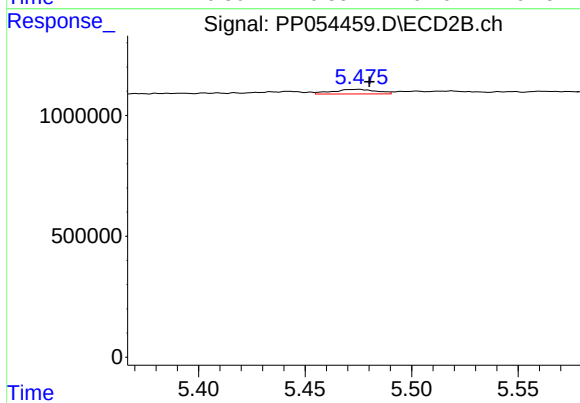
#25 AR-1248-5

R.T.: 5.519 min
Delta R.T.: -0.002 min
Response: 146705
Conc: 2.96 ng/ml



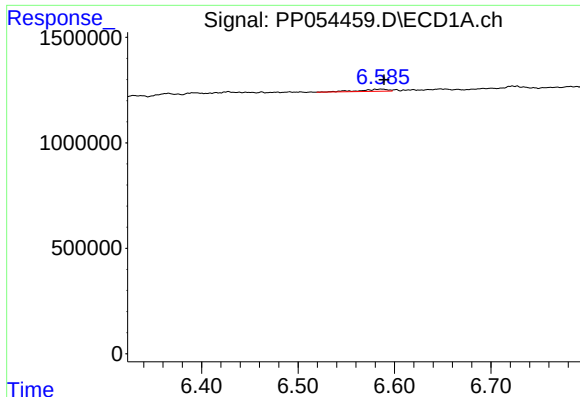
#26 AR-1254-1

R.T.: 6.366 min
Delta R.T.: -0.003 min
Response: 173085
Conc: 2.79 ng/ml



#26 AR-1254-1

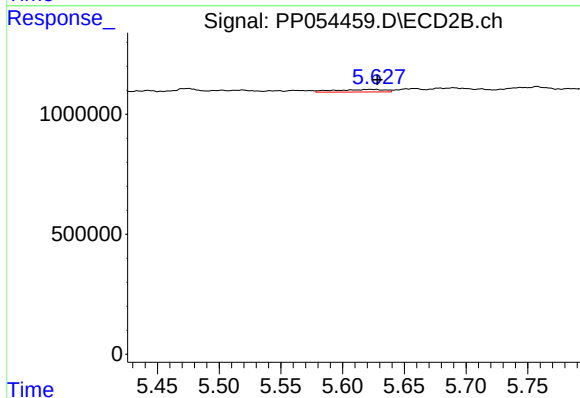
R.T.: 5.475 min
Delta R.T.: -0.005 min
Response: 270035
Conc: 3.15 ng/ml



#27 AR-1254-2

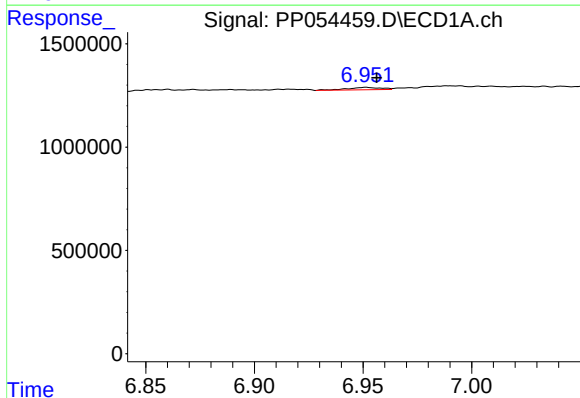
R.T.: 6.586 min
Delta R.T.: -0.003 min
Response: 197843
Conc: 2.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



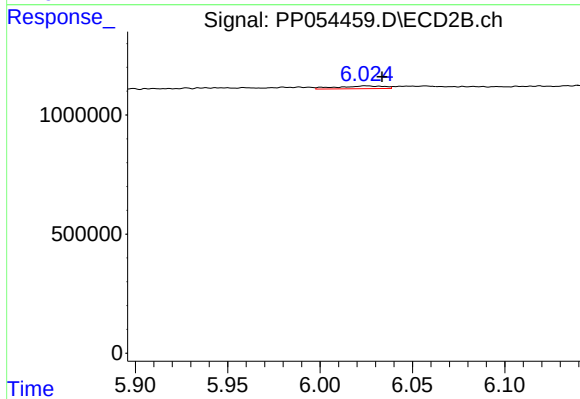
#27 AR-1254-2

R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 302415
Conc: 4.07 ng/ml



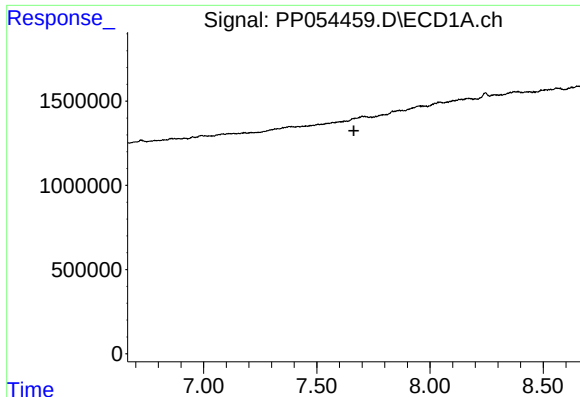
#28 AR-1254-3

R.T.: 6.951 min
Delta R.T.: -0.005 min
Response: 127079
Conc: 1.34 ng/ml



#28 AR-1254-3

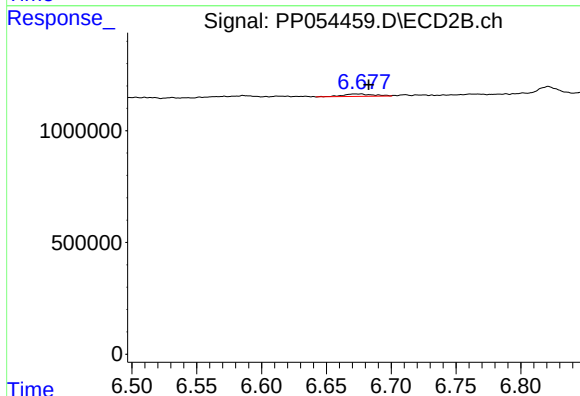
R.T.: 6.025 min
Delta R.T.: -0.009 min
Response: 202614
Conc: 1.75 ng/ml



#30 AR-1254-5

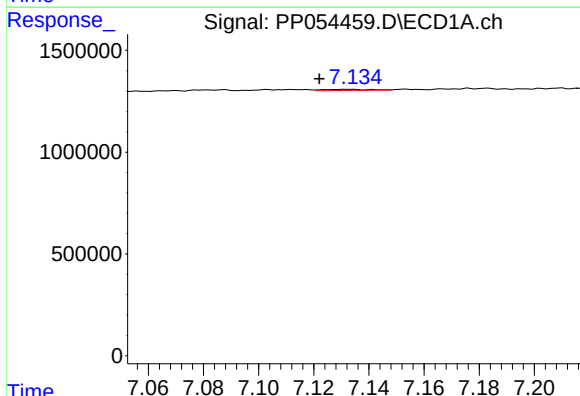
R.T.: 0.000 min
Exp R.T.: 7.664 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



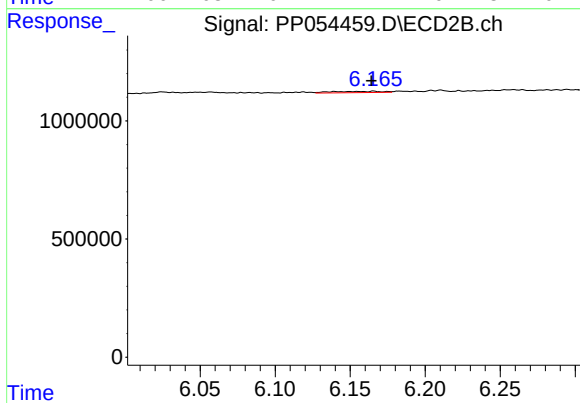
#30 AR-1254-5

R.T.: 6.674 min
Delta R.T.: -0.009 min
Response: 182685
Conc: 1.91 ng/ml



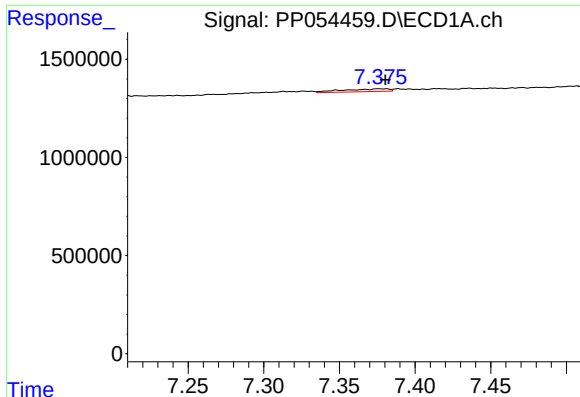
#31 AR-1260-1

R.T.: 7.134 min
Delta R.T.: 0.011 min
Response: 66660
Conc: 0.86 ng/ml



#31 AR-1260-1

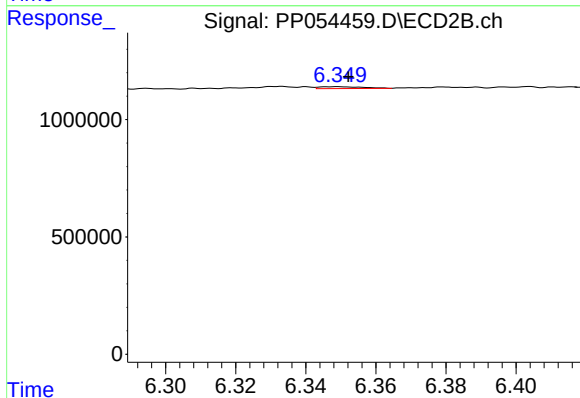
R.T.: 6.155 min
Delta R.T.: -0.009 min
Response: 134720
Conc: 1.59 ng/ml



#32 AR-1260-2

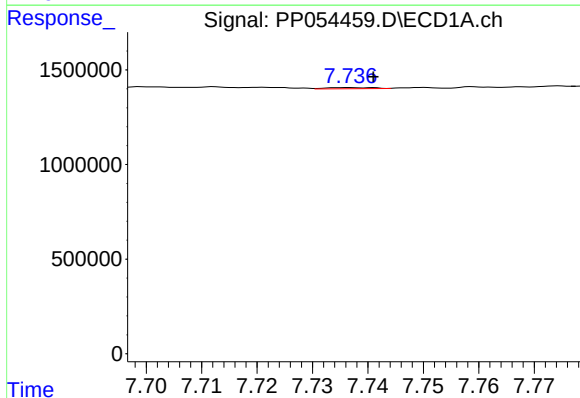
R.T.: 7.376 min
Delta R.T.: -0.004 min
Response: 290589
Conc: 3.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



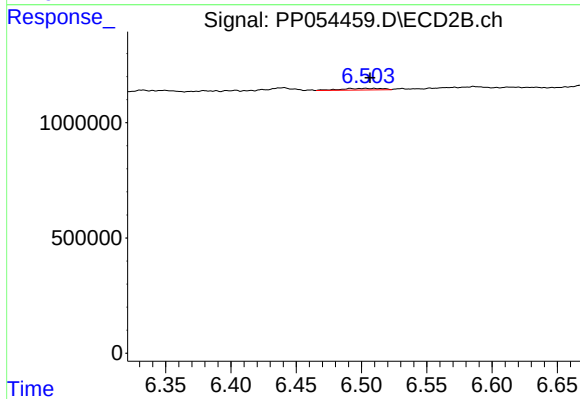
#32 AR-1260-2

R.T.: 6.349 min
Delta R.T.: -0.003 min
Response: 73299
Conc: 0.77 ng/ml



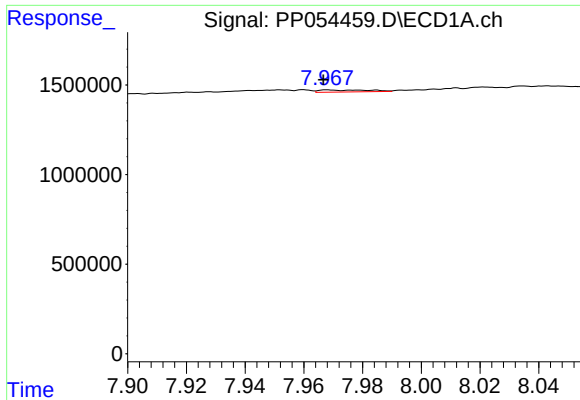
#33 AR-1260-3

R.T.: 7.736 min
Delta R.T.: -0.005 min
Response: 38246
Conc: 0.56 ng/ml



#33 AR-1260-3

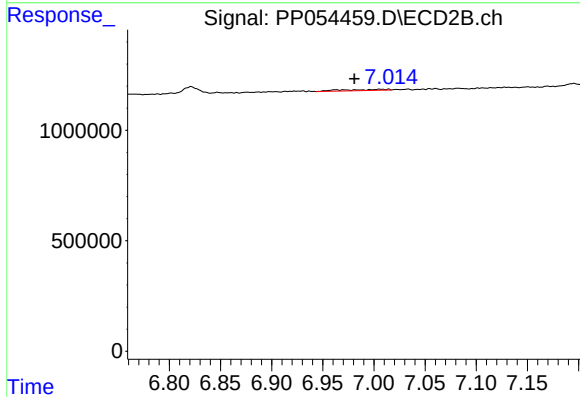
R.T.: 6.503 min
Delta R.T.: -0.003 min
Response: 153930
Conc: 1.68 ng/ml



#34 AR-1260-4

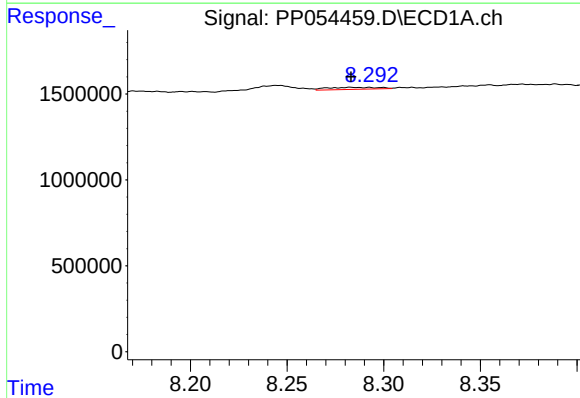
R.T.: 7.968 min
Delta R.T.: 0.002 min
Response: 134434
Conc: 1.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



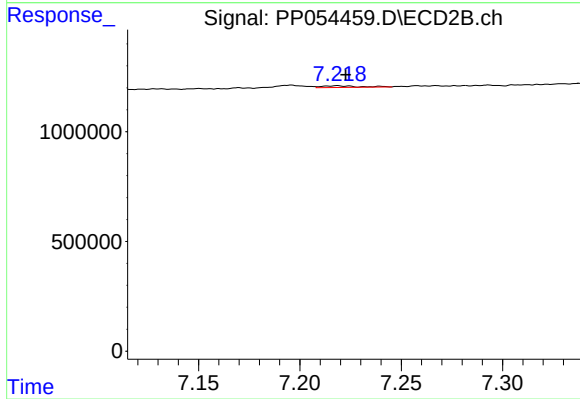
#34 AR-1260-4

R.T.: 7.006 min
Delta R.T.: 0.025 min
Response: 161671
Conc: 2.13 ng/ml



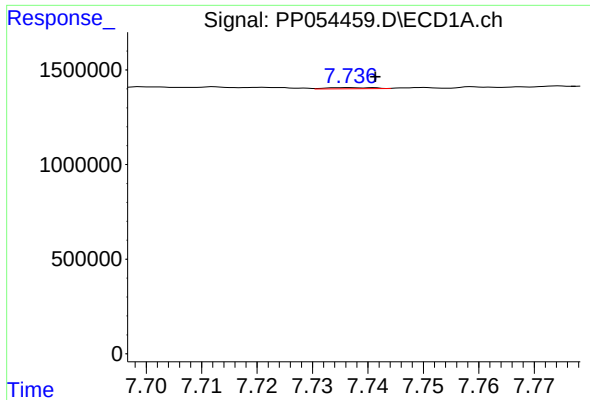
#35 AR-1260-5

R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 214566
Conc: 1.50 ng/ml



#35 AR-1260-5

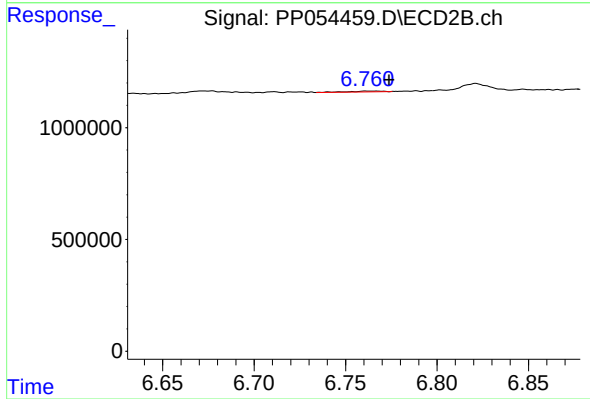
R.T.: 7.218 min
Delta R.T.: -0.004 min
Response: 89529
Conc: 0.57 ng/ml



#36 AR-1262-1

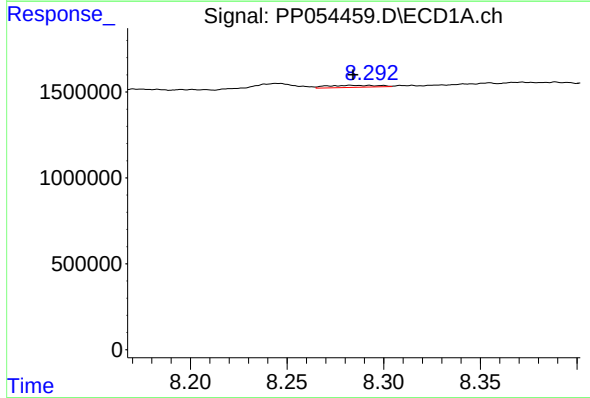
R.T.: 7.736 min
Delta R.T.: -0.005 min
Response: 38246
Conc: 0.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



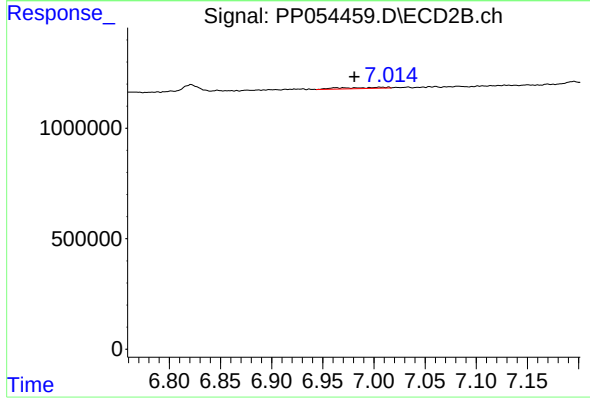
#36 AR-1262-1

R.T.: 6.764 min
Delta R.T.: -0.010 min
Response: 48136
Conc: 1.18 ng/ml



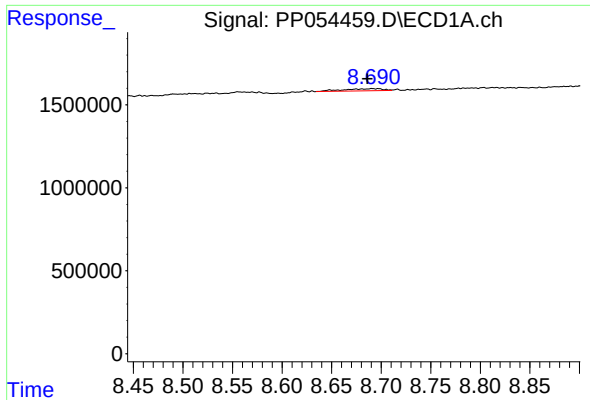
#37 AR-1262-2

R.T.: 8.283 min
Delta R.T.: -0.001 min
Response: 214566
Conc: 1.52 ng/ml



#37 AR-1262-2

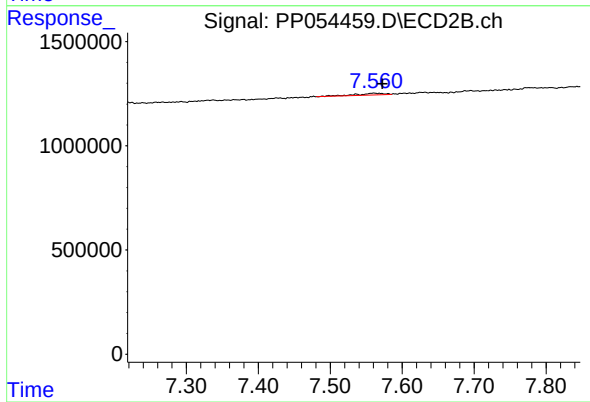
R.T.: 7.006 min
Delta R.T.: 0.025 min
Response: 161671
Conc: 1.87 ng/ml



#39 AR-1262-4

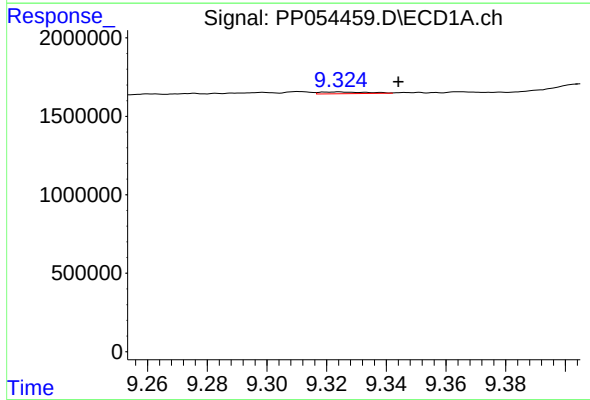
R.T.: 8.691 min
Delta R.T.: 0.005 min
Response: 369796
Conc: 7.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



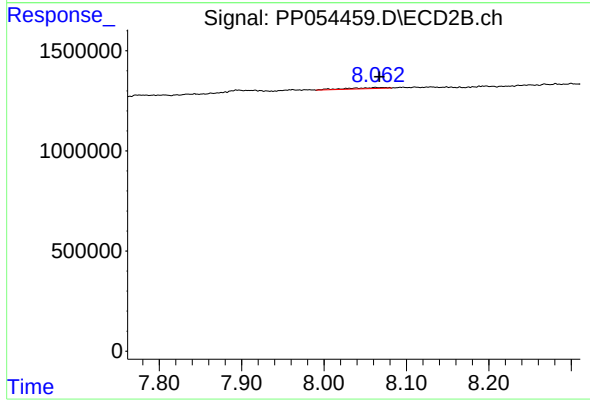
#39 AR-1262-4

R.T.: 7.561 min
Delta R.T.: -0.012 min
Response: 221664
Conc: 1.89 ng/ml



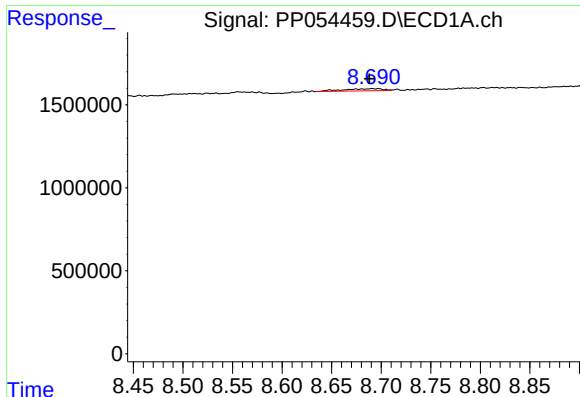
#40 AR-1262-5

R.T.: 9.324 min
Delta R.T.: -0.020 min
Response: 122735
Conc: 2.18 ng/ml



#40 AR-1262-5

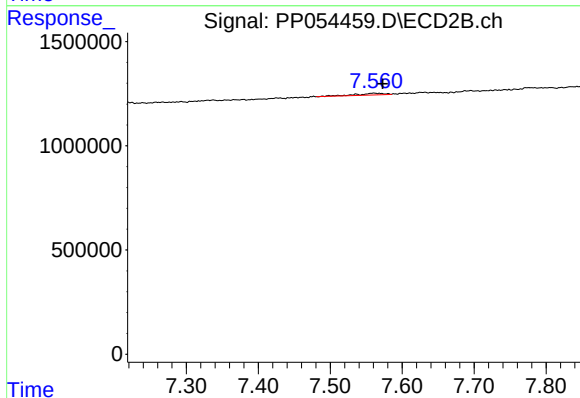
R.T.: 8.063 min
Delta R.T.: -0.004 min
Response: 186480
Conc: 3.39 ng/ml



#42 AR-1268-2

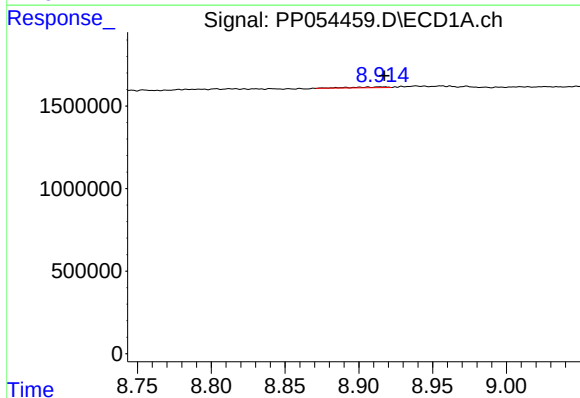
R.T.: 8.691 min
Delta R.T.: 0.003 min
Response: 369796
Conc: 2.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



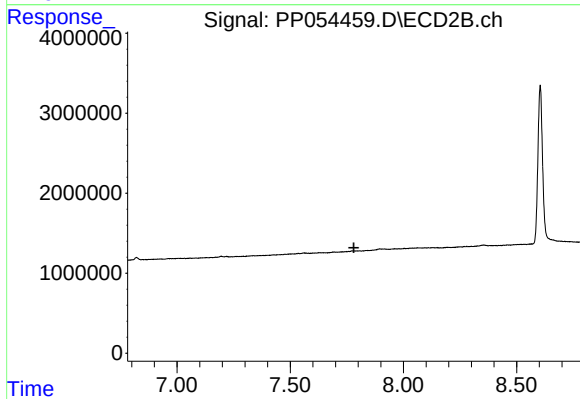
#42 AR-1268-2

R.T.: 7.561 min
Delta R.T.: -0.013 min
Response: 221664
Conc: 1.20 ng/ml



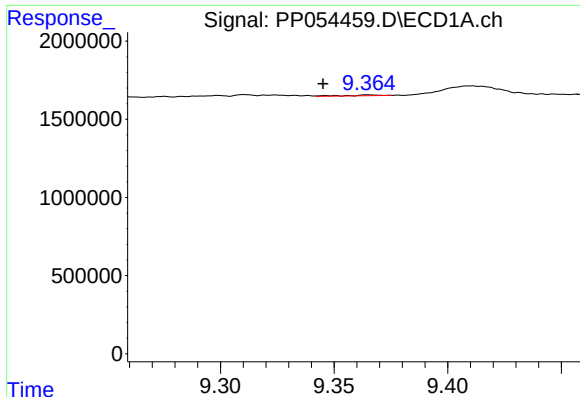
#43 AR-1268-3

R.T.: 8.914 min
Delta R.T.: -0.003 min
Response: 90698
Conc: 0.58 ng/ml



#43 AR-1268-3

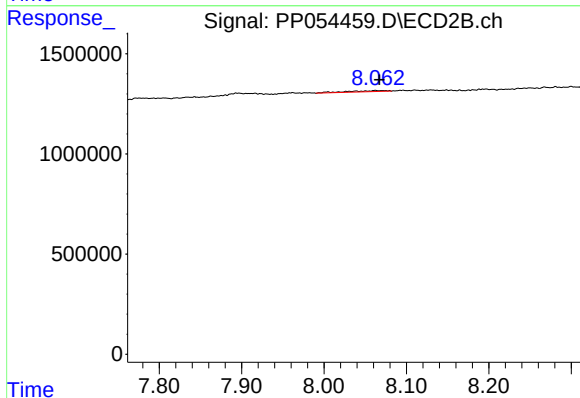
R.T.: 0.000 min
Exp R.T. : 7.781 min
Response: 0
Conc: N.D.



#44 AR-1268-4

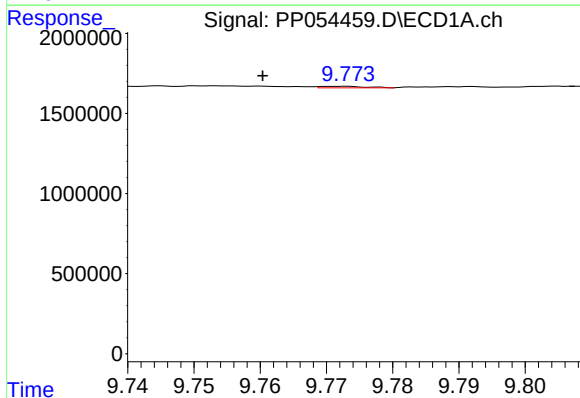
R.T.: 9.365 min
Delta R.T.: 0.020 min
Response: 51017
Conc: 0.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



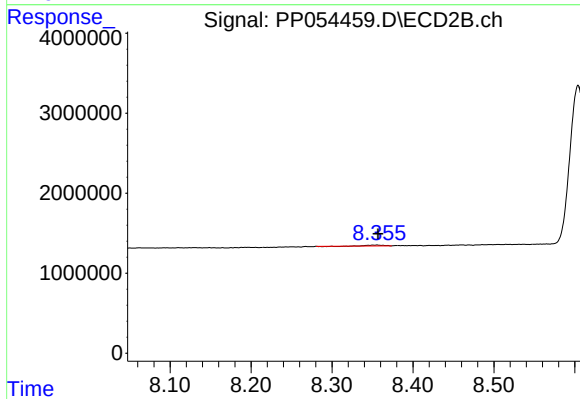
#44 AR-1268-4

R.T.: 8.063 min
Delta R.T.: -0.004 min
Response: 186480
Conc: 2.95 ng/ml



#45 AR-1268-5

R.T.: 9.772 min
Delta R.T.: 0.011 min
Response: 43139
Conc: 0.08 ng/ml



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: -0.003 min
Response: 89008
Conc: 0.18 ng/ml