

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103122\
 Data File : PP052894.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2022 16:46
 Operator : YP\AJ
 Sample : N5310-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 21:59:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 27 04:46:37 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...	4.409	3.653	47402500	43157192	21.452	22.965
2)	SA Decachlor...	10.220	8.738	31235325	39060173	24.608	23.290
Target Compounds							
3)	L1 AR-1016-1	5.581	0.000	227218	0	3.389	N.D. #
4)	L1 AR-1016-2	5.610	0.000	196731	0	1.970	N.D. #
5)	L1 AR-1016-3	5.661	0.000	183013	0	3.007	N.D. #
6)	L1 AR-1016-4	5.782	4.997	25467	677945	0.526	17.401 #
7)	L1 AR-1016-5	6.063	5.201	103217	366104	2.143	7.286 #
8)	L2 AR-1221-1	4.616	0.000	4746368	0	185.104	N.D. #
9)	L2 AR-1221-2	4.717	3.970	1688987	28774677	88.787	1643.740 #
10)	L2 AR-1221-3	4.793	0.000	815741	0	14.311	N.D. #
11)	L3 AR-1232-1	4.793	0.000	815741	0	18.800	N.D. #
12)	L3 AR-1232-2	5.335f	0.000	1367752	0	55.127	N.D. #
13)	L3 AR-1232-3	5.610	0.000	196731	0	4.494	N.D. #
14)	L3 AR-1232-4	5.782	5.037	25467	363981	1.193	17.710 #
15)	L3 AR-1232-5	5.861	5.201	282371	366104	16.405	15.769
16)	L4 AR-1242-1	5.581	0.000	227218	0	4.037	N.D. #
17)	L4 AR-1242-2	5.610	0.000	196731	0	2.382	N.D. #
18)	L4 AR-1242-3	5.681	0.000	127964	0	2.516	N.D. #
19)	L4 AR-1242-4	5.782	5.037	25467	363981	0.629	8.582 #
20)	L4 AR-1242-5	6.524	5.568	1062078	1523606	26.640	30.141
21)	L5 AR-1248-1	5.581	0.000	227218	0	5.594	N.D. #
22)	L5 AR-1248-2	5.861	4.997	282371	677945	4.744	11.973 #
23)	L5 AR-1248-3	6.063	5.037	103217	363981	1.590	6.199 #
24)	L5 AR-1248-4	6.445f	5.201	1614554	366104	25.069	5.258 #
25)	L5 AR-1248-5	6.524	0.000	1062078	0	16.766	N.D. #
26)	L6 AR-1254-1	6.445	5.568	1614554	1523606	21.270	14.188 #
27)	L6 AR-1254-2	6.664	5.723	1578439	1962206	14.123	20.529 #
28)	L6 AR-1254-3	7.032	6.127	2574895	3495828	23.133	22.881
29)	L6 AR-1254-4	7.317	6.358	2694739	1234104	38.266	13.592 #
30)	L6 AR-1254-5	7.739	6.779	2304701	2301748	29.272	16.544 #
31)	L7 AR-1260-1	7.197	6.259	1283982	2173239	15.030	21.367 #
32)	L7 AR-1260-2	7.454	6.447	1021791	1865203	10.942	15.337 #
33)	L7 AR-1260-3	7.816	6.602	316284	1322276	5.006	11.336 #
34)	L7 AR-1260-4	8.026f	7.079	1041500	109597	14.546	1.217 #
35)	L7 AR-1260-5	8.368	7.324	424020	321150	3.336	1.568 #
36)	L8 AR-1262-1	7.816	0.000	316284	0	3.300	N.D. #
37)	L8 AR-1262-2	8.368	7.079	424020	109597	2.850	0.885 #
38)	L8 AR-1262-3	8.706f	7.616	207874	629737	2.095	6.240 #
39)	L8 AR-1262-4	8.781	7.672	468545	402334	10.057	2.249 #
40)	L8 AR-1262-5	0.000	8.177	0	93047	N.D.	1.242 #
41)	L9 AR-1268-1	8.706f	7.616	207874	629737	1.105	2.054 #

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 Acq On : 31 Oct 2022 16:46
 Operator : YP\AJ
 Sample : N5310-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

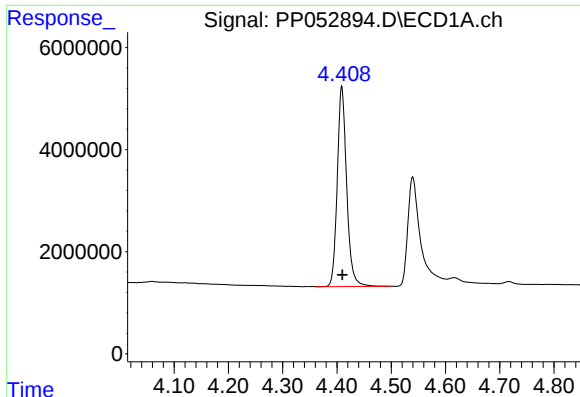
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 21:59:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102622.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	8.781	7.672	468545	402334	2.863	1.483 #
43) L9	AR-1268-3	9.021	7.884	201752	160992	1.332	0.687 #
44) L9	AR-1268-4	0.000	8.177	0	93047	N.D.	1.095 #
45) L9	AR-1268-5	9.871	8.476	233440	237728	0.543	0.363 #

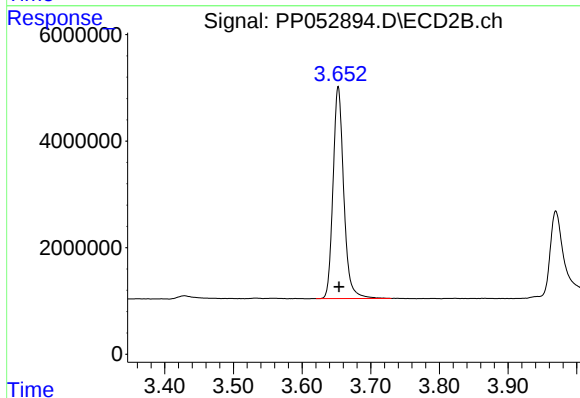
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

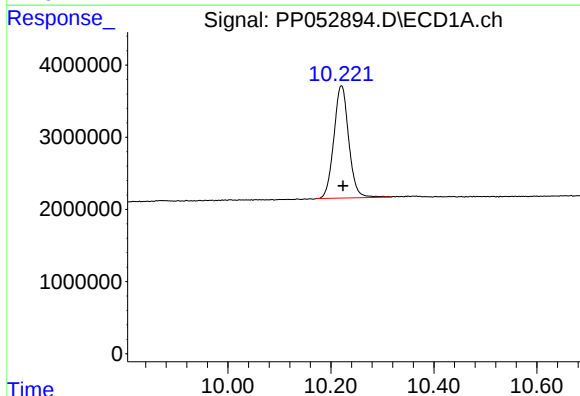
R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 47402500
Conc: 21.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



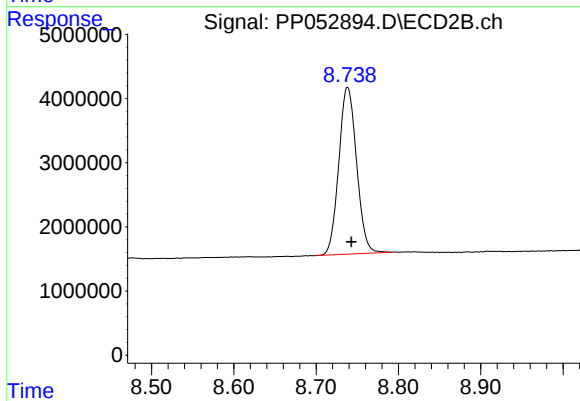
#1 Tetrachloro-m-xylene

R.T.: 3.653 min
Delta R.T.: -0.001 min
Response: 43157192
Conc: 22.97 ng/ml



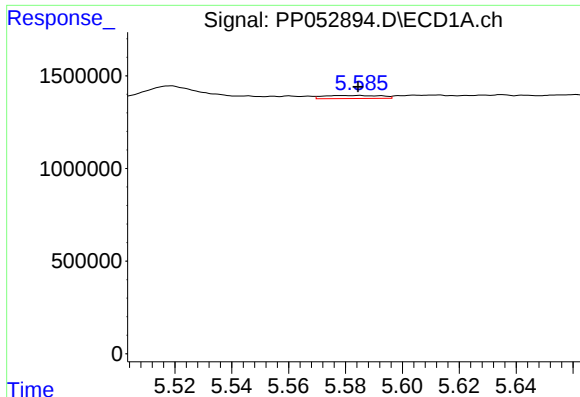
#2 Decachlorobiphenyl

R.T.: 10.220 min
Delta R.T.: -0.003 min
Response: 31235325
Conc: 24.61 ng/ml



#2 Decachlorobiphenyl

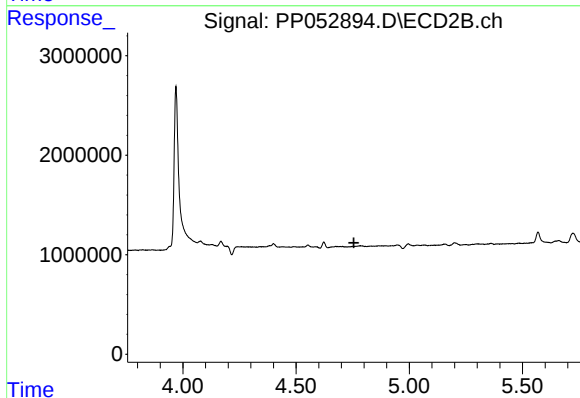
R.T.: 8.738 min
Delta R.T.: -0.005 min
Response: 39060173
Conc: 23.29 ng/ml



#3 AR-1016-1

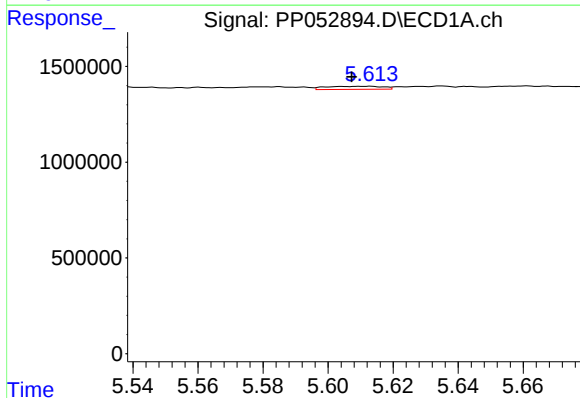
R.T.: 5.581 min
Delta R.T.: -0.003 min
Response: 227218
Conc: 3.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



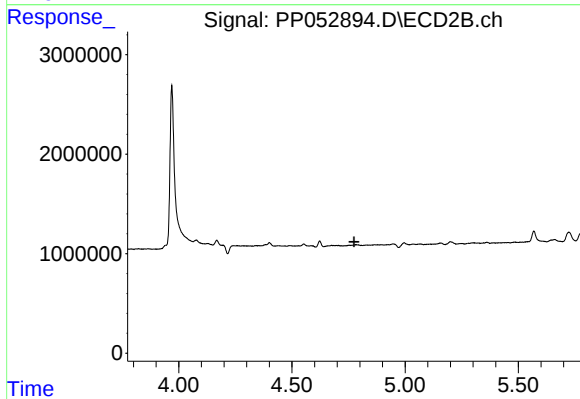
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.755 min
Response: 0
Conc: N.D.



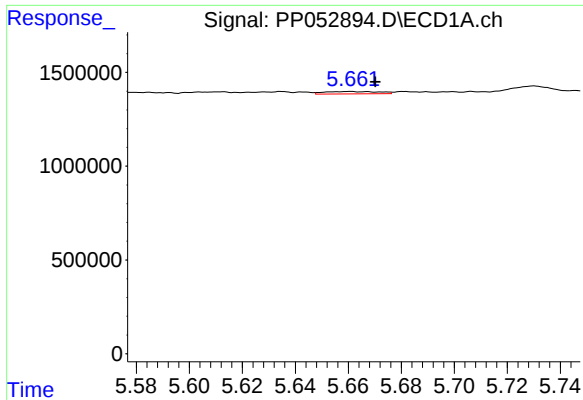
#4 AR-1016-2

R.T.: 5.610 min
Delta R.T.: 0.003 min
Response: 196731
Conc: 1.97 ng/ml



#4 AR-1016-2

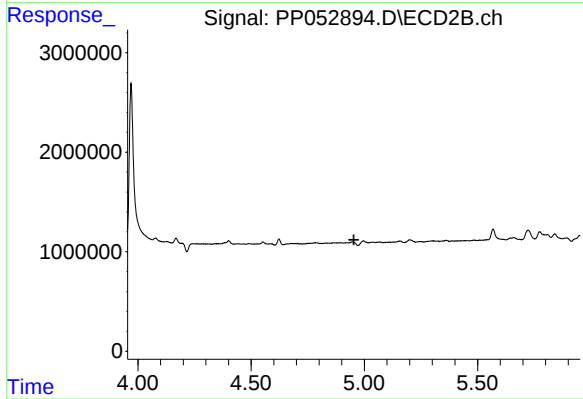
R.T.: 0.000 min
Exp R.T. : 4.774 min
Response: 0
Conc: N.D.



#5 AR-1016-3

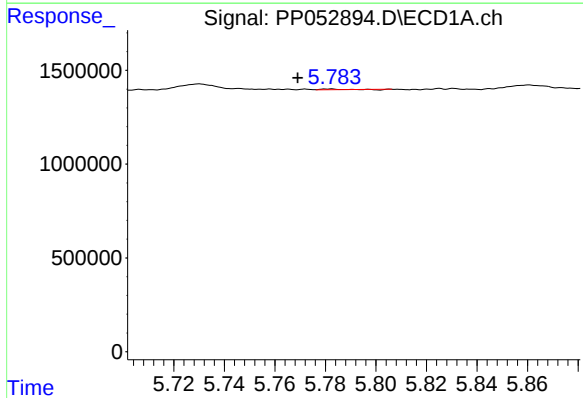
R.T.: 5.661 min
Delta R.T.: -0.009 min
Response: 183013
Conc: 3.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



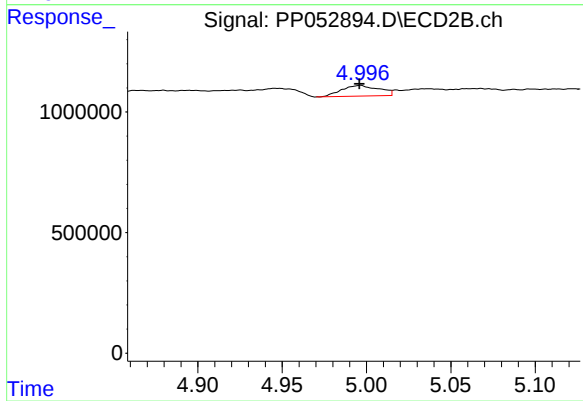
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.954 min
Response: 0
Conc: N.D.



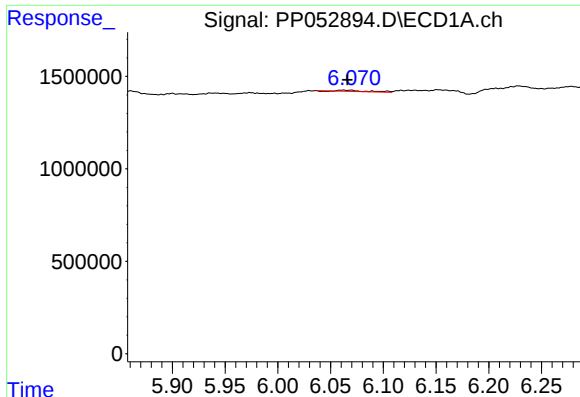
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.013 min
Response: 25467
Conc: 0.53 ng/ml



#6 AR-1016-4

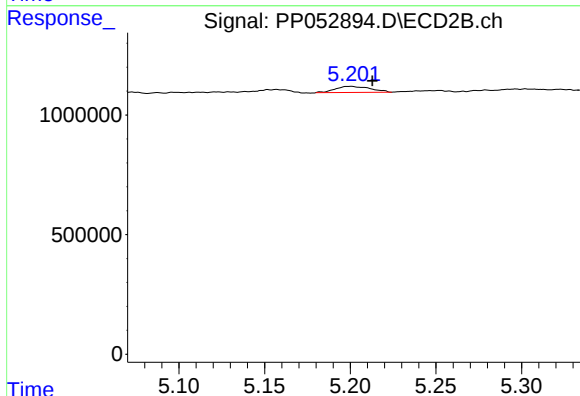
R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 677945
Conc: 17.40 ng/ml



#7 AR-1016-5

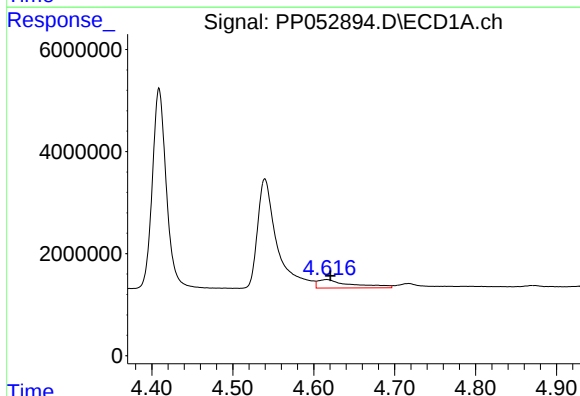
R.T.: 6.063 min
Delta R.T.: -0.003 min
Response: 103217
Conc: 2.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



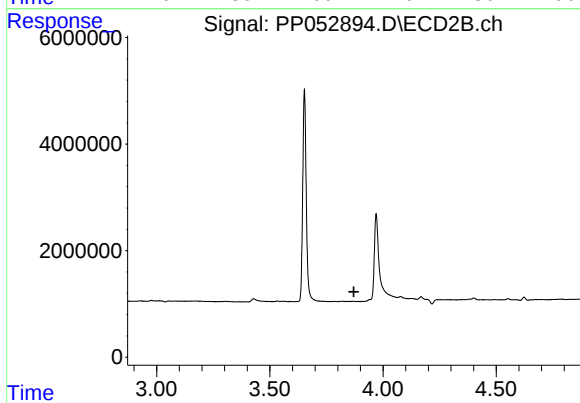
#7 AR-1016-5

R.T.: 5.201 min
Delta R.T.: -0.012 min
Response: 366104
Conc: 7.29 ng/ml



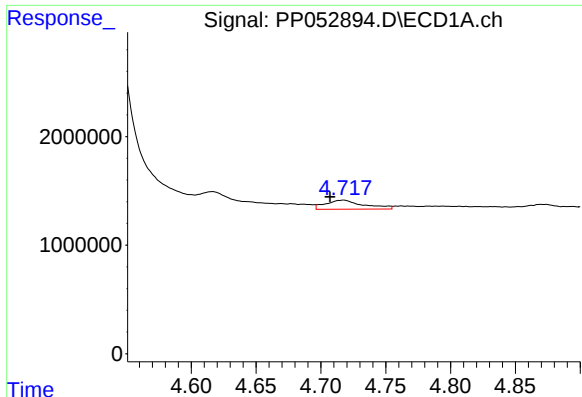
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.005 min
Response: 4746368
Conc: 185.10 ng/ml



#8 AR-1221-1

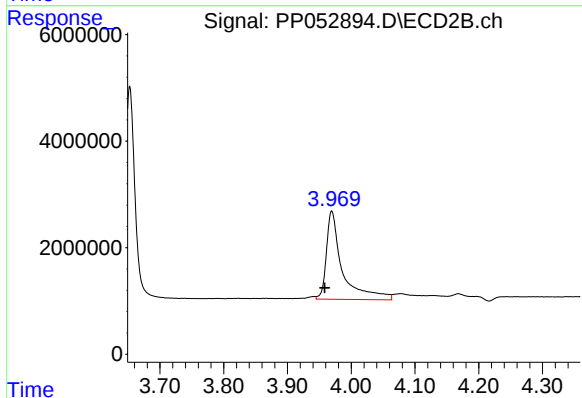
R.T.: 0.000 min
Exp R.T. : 3.872 min
Response: 0
Conc: N.D.



#9 AR-1221-2

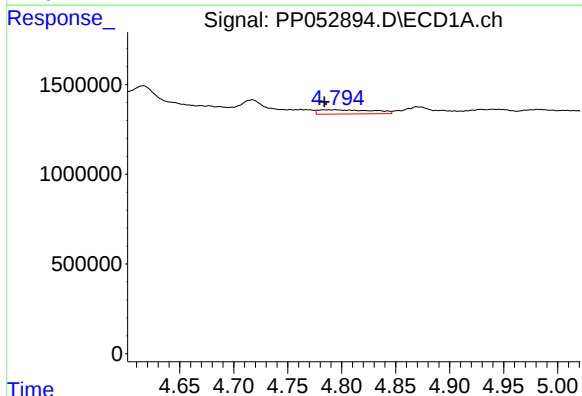
R.T.: 4.717 min
Delta R.T.: 0.009 min
Response: 1688987
Conc: 88.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



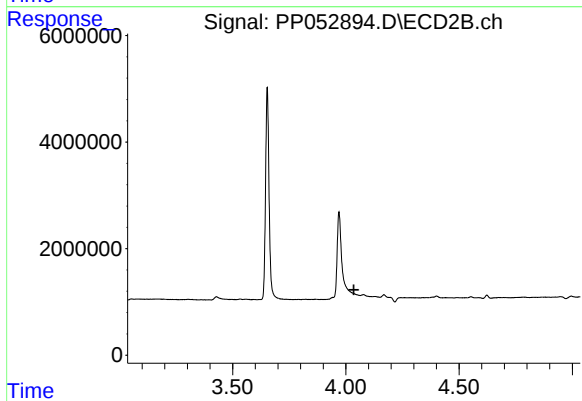
#9 AR-1221-2

R.T.: 3.970 min
Delta R.T.: 0.011 min
Response: 28774677
Conc: 1643.74 ng/ml



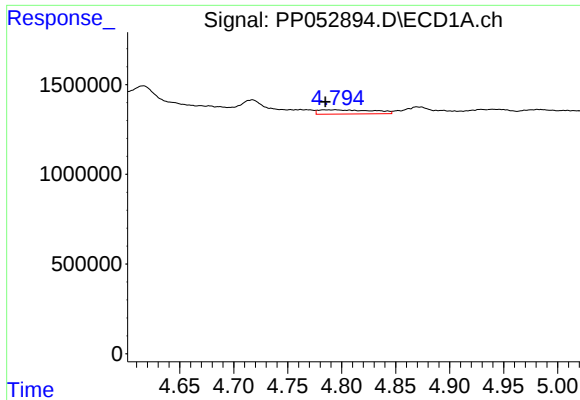
#10 AR-1221-3

R.T.: 4.793 min
Delta R.T.: 0.009 min
Response: 815741
Conc: 14.31 ng/ml



#10 AR-1221-3

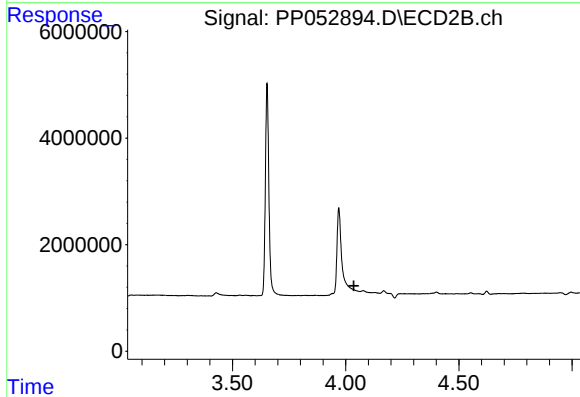
R.T.: 0.000 min
Exp R.T. : 4.036 min
Response: 0
Conc: N.D.



#11 AR-1232-1

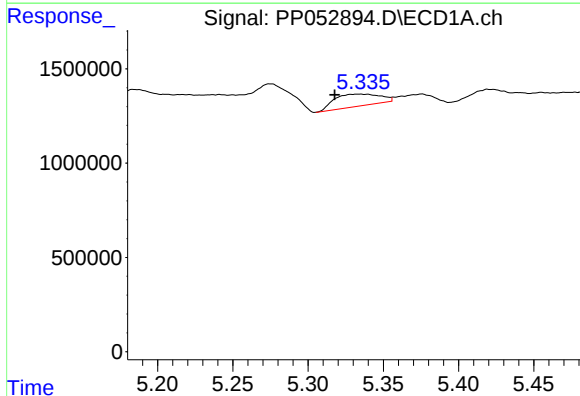
R.T.: 4.793 min
Delta R.T.: 0.008 min
Response: 815741
Conc: 18.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



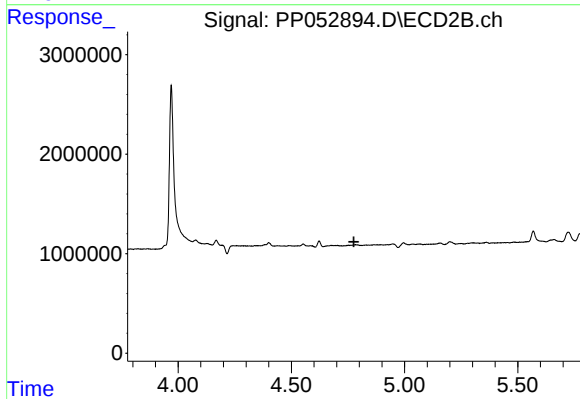
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.036 min
Response: 0
Conc: N.D.



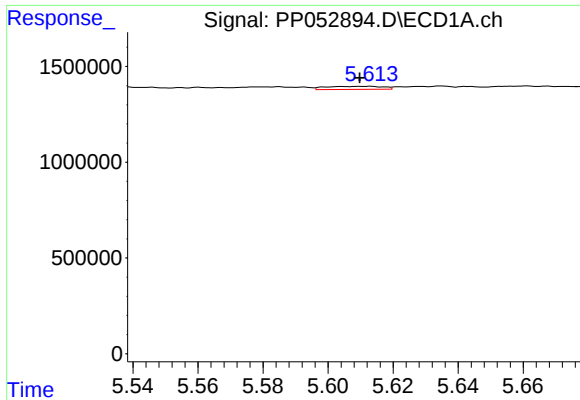
#12 AR-1232-2

R.T.: 5.335 min
Delta R.T.: 0.017 min
Response: 1367752
Conc: 55.13 ng/ml



#12 AR-1232-2

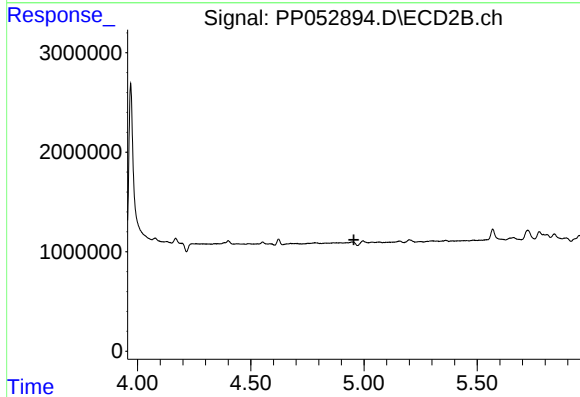
R.T.: 0.000 min
Exp R.T. : 4.776 min
Response: 0
Conc: N.D.



#13 AR-1232-3

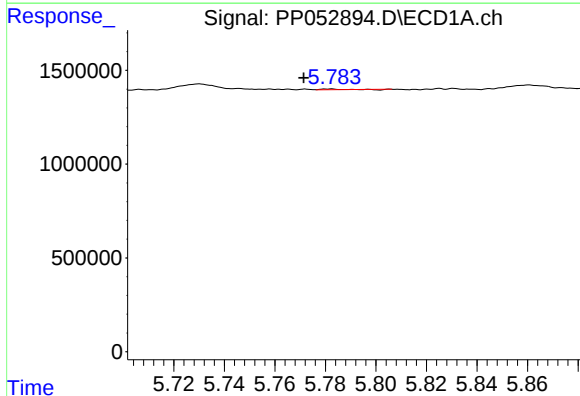
R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 196731
Conc: 4.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



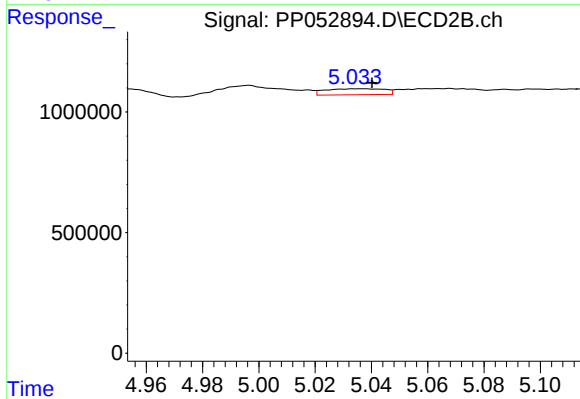
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.955 min
Response: 0
Conc: N.D.



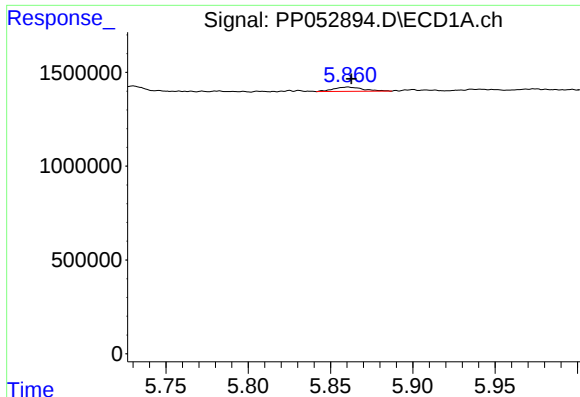
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.011 min
Response: 25467
Conc: 1.19 ng/ml



#14 AR-1232-4

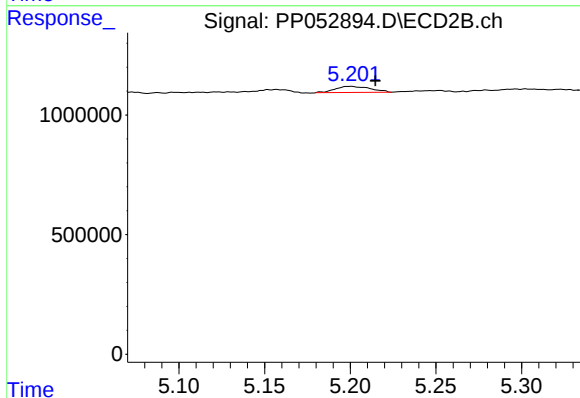
R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 363981
Conc: 17.71 ng/ml



#15 AR-1232-5

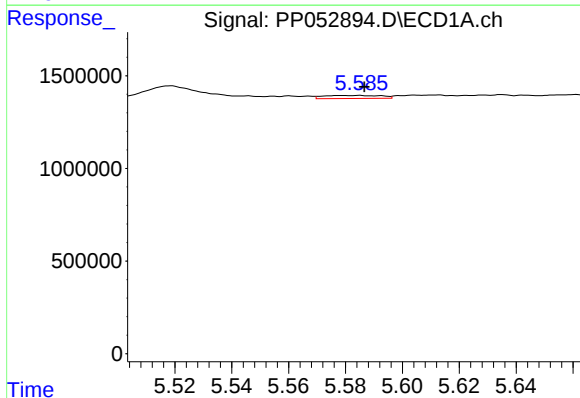
R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 282371
Conc: 16.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



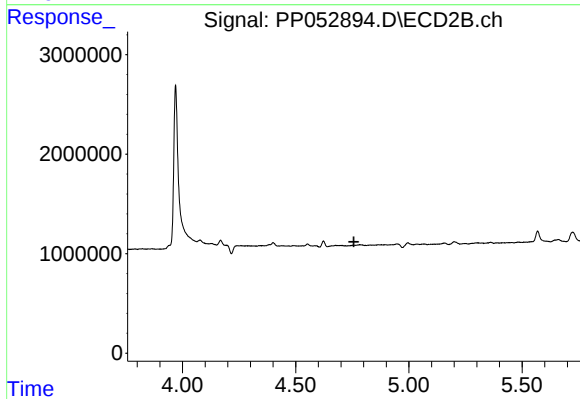
#15 AR-1232-5

R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 366104
Conc: 15.77 ng/ml



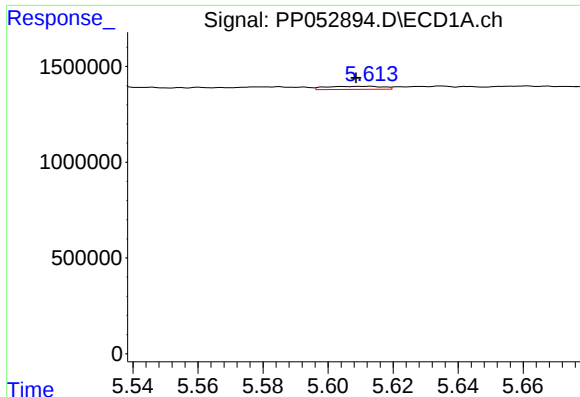
#16 AR-1242-1

R.T.: 5.581 min
Delta R.T.: -0.005 min
Response: 227218
Conc: 4.04 ng/ml



#16 AR-1242-1

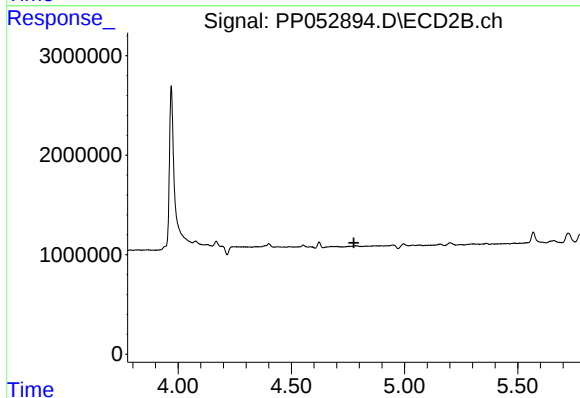
R.T.: 0.000 min
Exp R.T. : 4.757 min
Response: 0
Conc: N.D.



#17 AR-1242-2

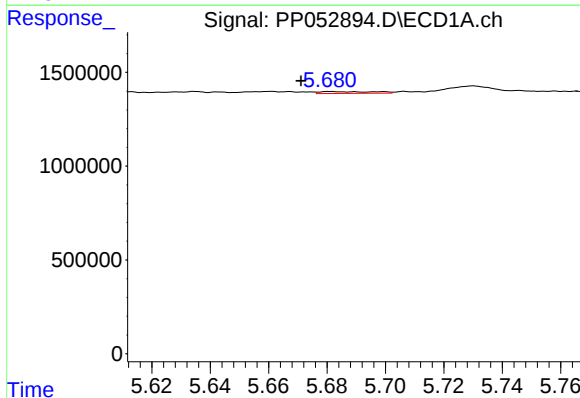
R.T.: 5.610 min
Delta R.T.: 0.002 min
Response: 196731
Conc: 2.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



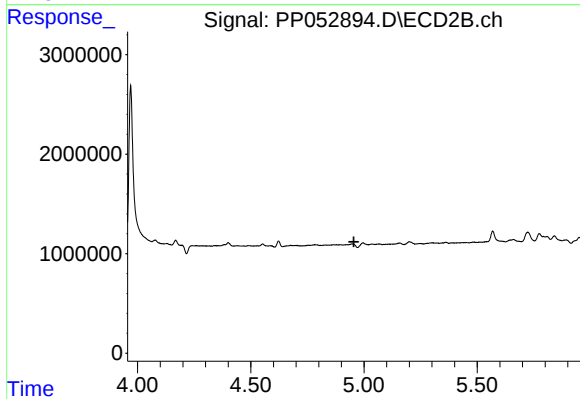
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.776 min
Response: 0
Conc: N.D.



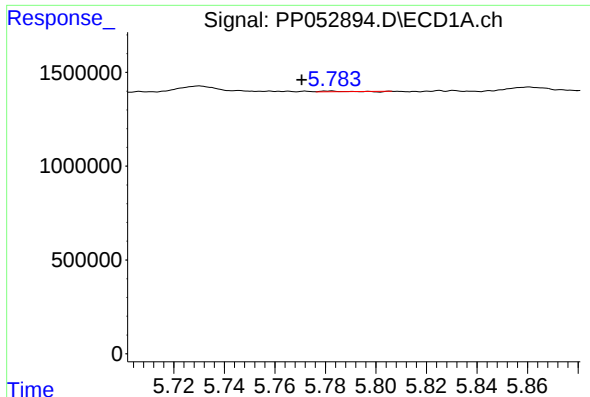
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.010 min
Response: 127964
Conc: 2.52 ng/ml



#18 AR-1242-3

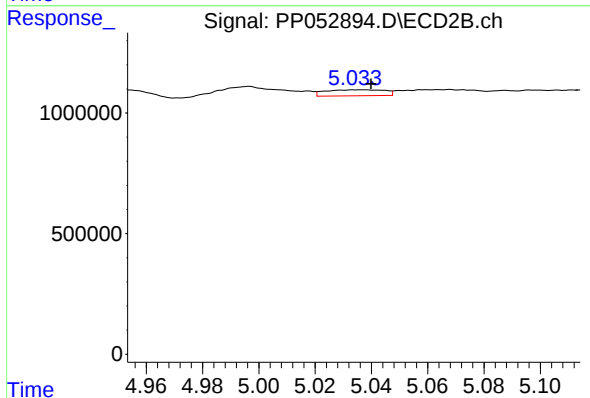
R.T.: 0.000 min
Exp R.T. : 4.956 min
Response: 0
Conc: N.D.



#19 AR-1242-4

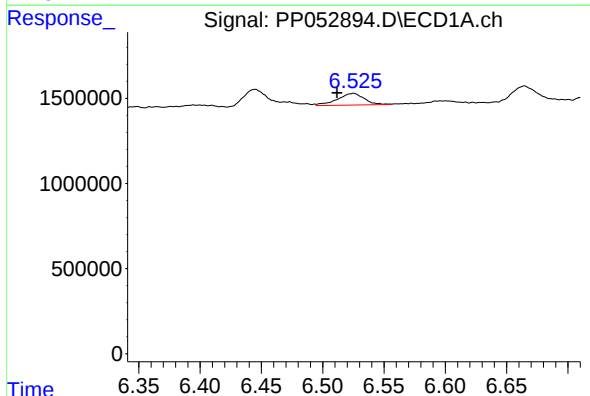
R.T.: 5.782 min
Delta R.T.: 0.011 min
Response: 25467
Conc: 0.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



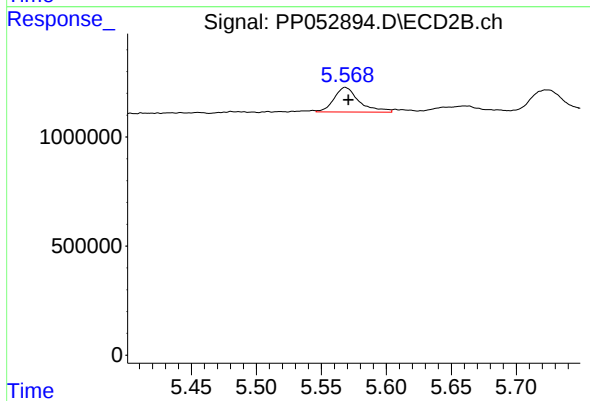
#19 AR-1242-4

R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 363981
Conc: 8.58 ng/ml



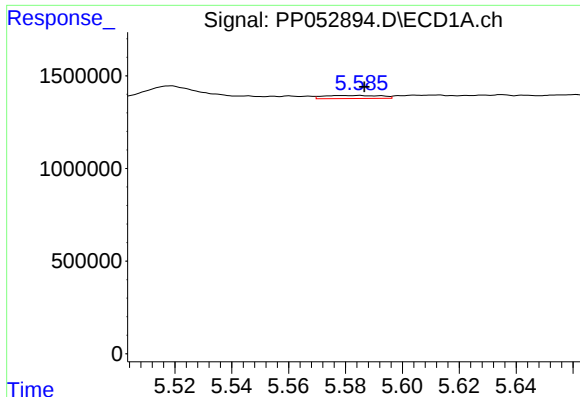
#20 AR-1242-5

R.T.: 6.524 min
Delta R.T.: 0.013 min
Response: 1062078
Conc: 26.64 ng/ml



#20 AR-1242-5

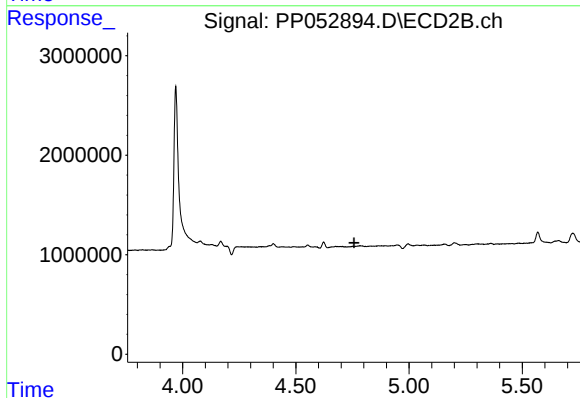
R.T.: 5.568 min
Delta R.T.: -0.002 min
Response: 1523606
Conc: 30.14 ng/ml



#21 AR-1248-1

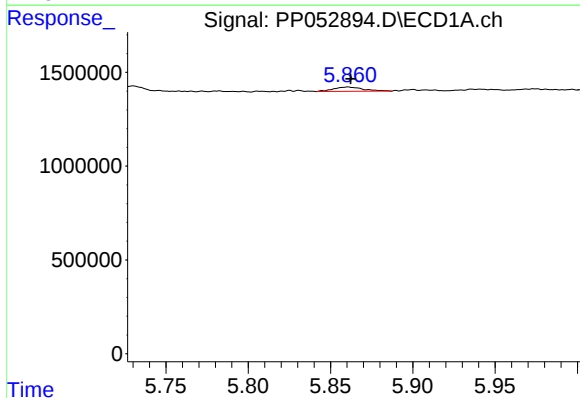
R.T.: 5.581 min
Delta R.T.: -0.005 min
Response: 227218
Conc: 5.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



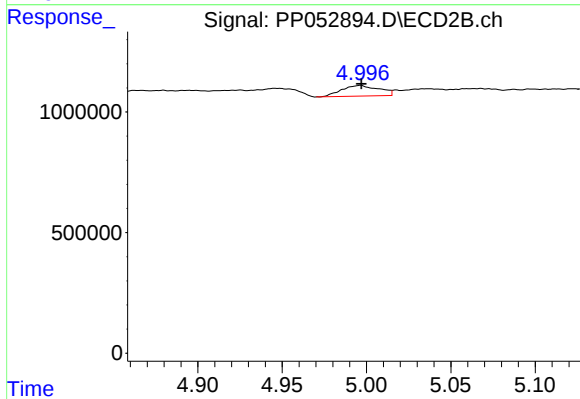
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.757 min
Response: 0
Conc: N.D.



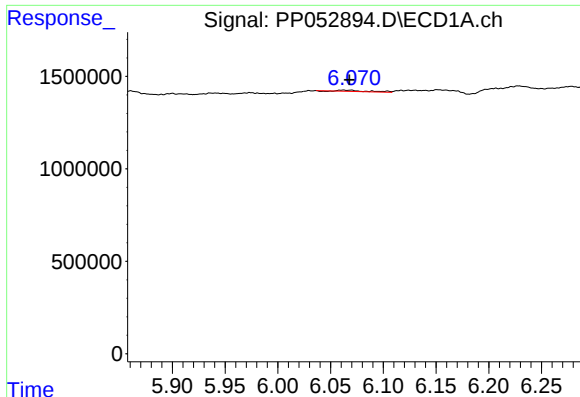
#22 AR-1248-2

R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 282371
Conc: 4.74 ng/ml



#22 AR-1248-2

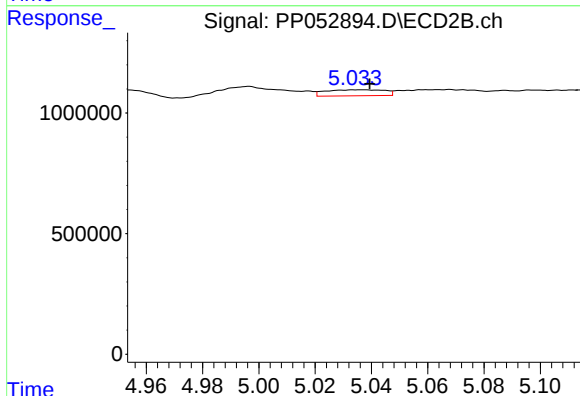
R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 677945
Conc: 11.97 ng/ml



#23 AR-1248-3

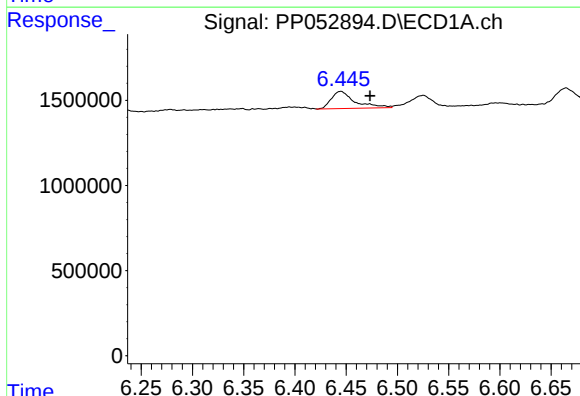
R.T.: 6.063 min
Delta R.T.: -0.005 min
Response: 103217
Conc: 1.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



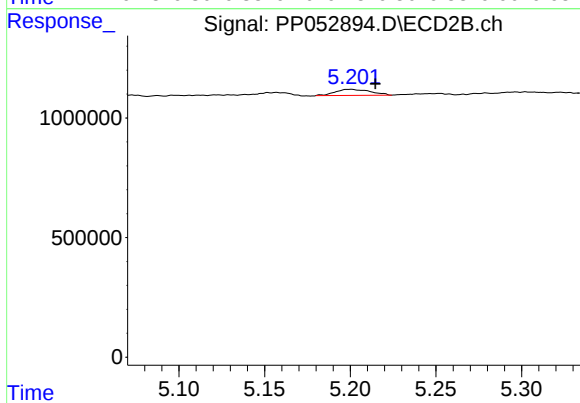
#23 AR-1248-3

R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 363981
Conc: 6.20 ng/ml



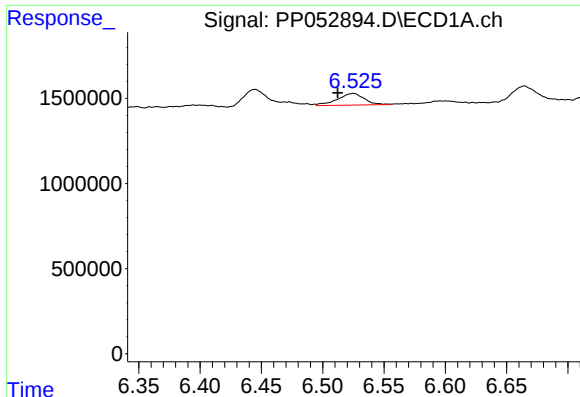
#24 AR-1248-4

R.T.: 6.445 min
Delta R.T.: -0.029 min
Response: 1614554
Conc: 25.07 ng/ml



#24 AR-1248-4

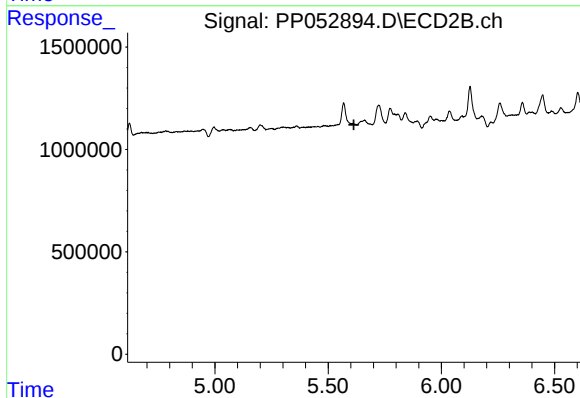
R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 366104
Conc: 5.26 ng/ml



#25 AR-1248-5

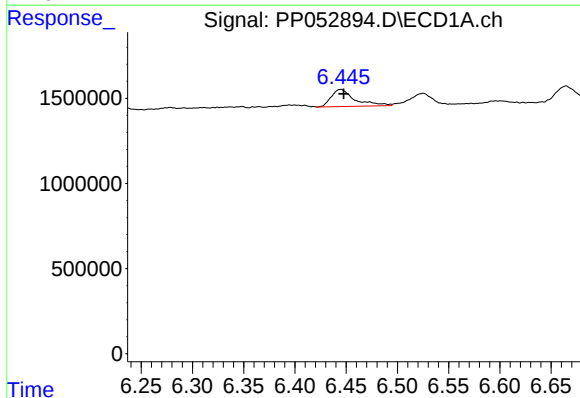
R.T.: 6.524 min
Delta R.T.: 0.012 min
Response: 1062078
Conc: 16.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



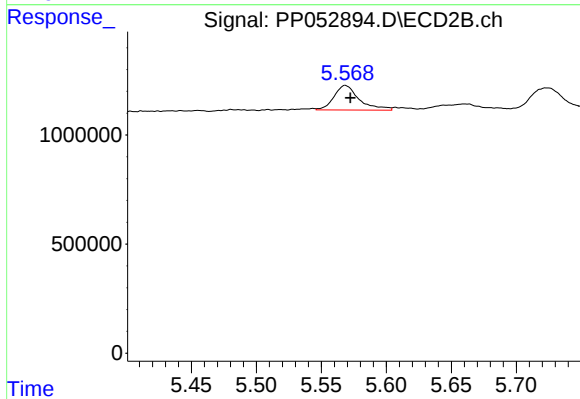
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.613 min
Response: 0
Conc: N.D.



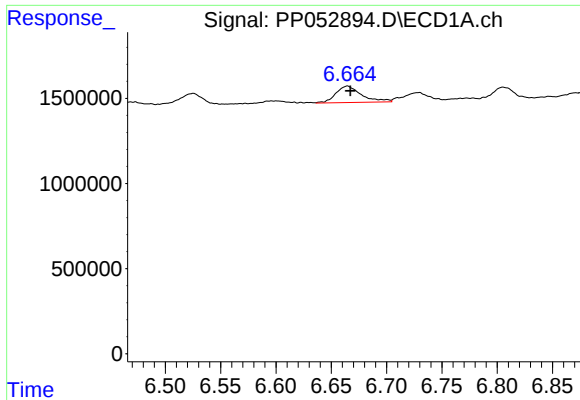
#26 AR-1254-1

R.T.: 6.445 min
Delta R.T.: -0.003 min
Response: 1614554
Conc: 21.27 ng/ml



#26 AR-1254-1

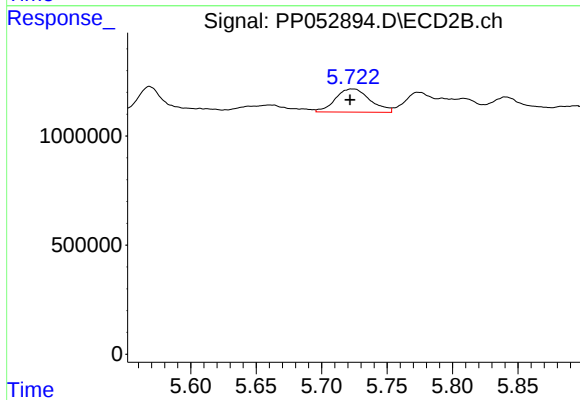
R.T.: 5.568 min
Delta R.T.: -0.004 min
Response: 1523606
Conc: 14.19 ng/ml



#27 AR-1254-2

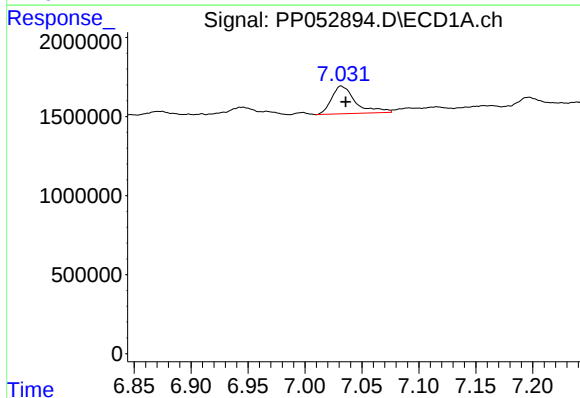
R.T.: 6.664 min
Delta R.T.: -0.003 min
Response: 1578439
Conc: 14.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



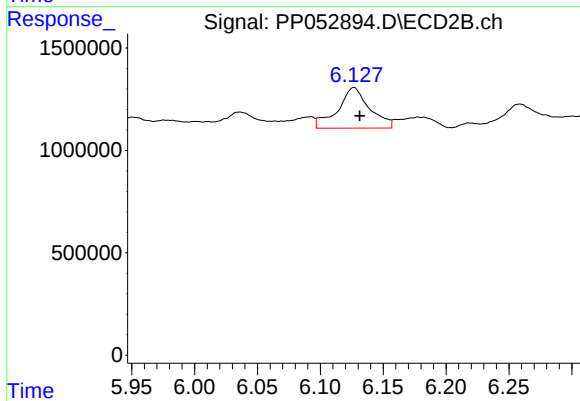
#27 AR-1254-2

R.T.: 5.723 min
Delta R.T.: 0.001 min
Response: 1962206
Conc: 20.53 ng/ml



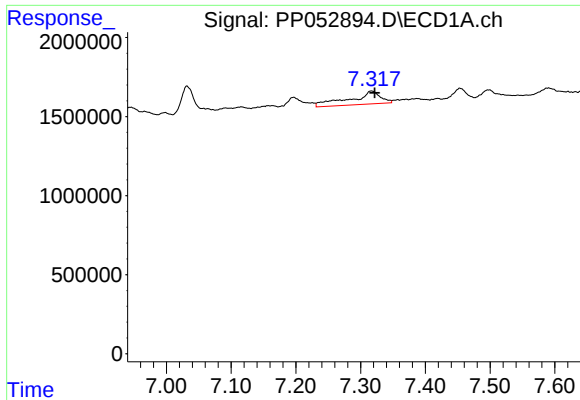
#28 AR-1254-3

R.T.: 7.032 min
Delta R.T.: -0.004 min
Response: 2574895
Conc: 23.13 ng/ml



#28 AR-1254-3

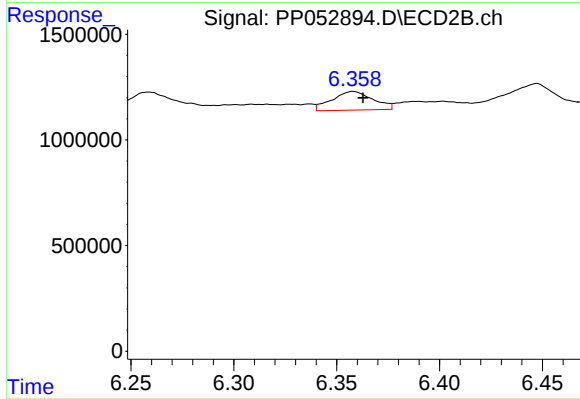
R.T.: 6.127 min
Delta R.T.: -0.005 min
Response: 3495828
Conc: 22.88 ng/ml



#29 AR-1254-4

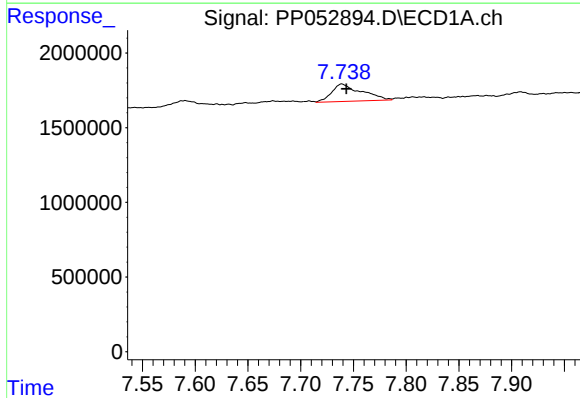
R.T.: 7.317 min
Delta R.T.: -0.005 min
Response: 2694739
Conc: 38.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



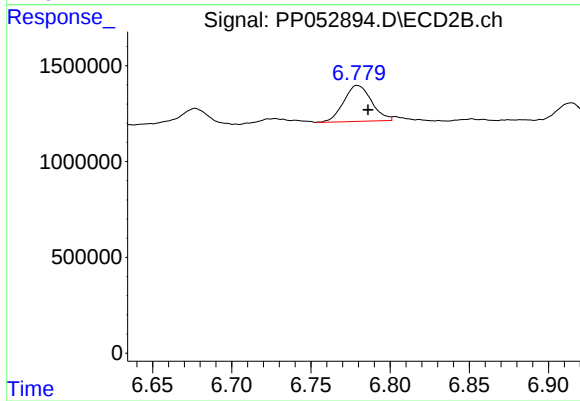
#29 AR-1254-4

R.T.: 6.358 min
Delta R.T.: -0.005 min
Response: 1234104
Conc: 13.59 ng/ml



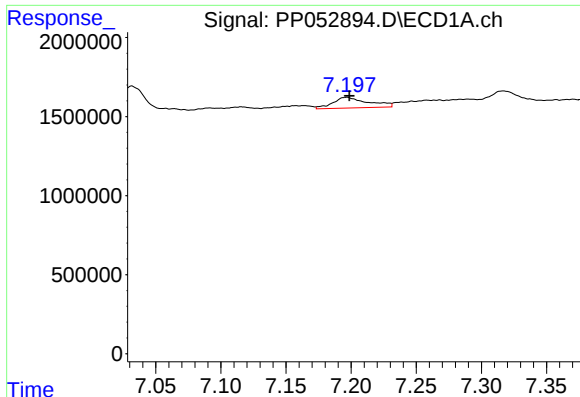
#30 AR-1254-5

R.T.: 7.739 min
Delta R.T.: -0.004 min
Response: 2304701
Conc: 29.27 ng/ml



#30 AR-1254-5

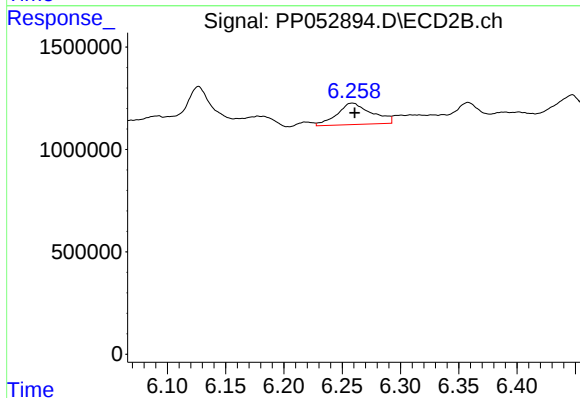
R.T.: 6.779 min
Delta R.T.: -0.007 min
Response: 2301748
Conc: 16.54 ng/ml



#31 AR-1260-1

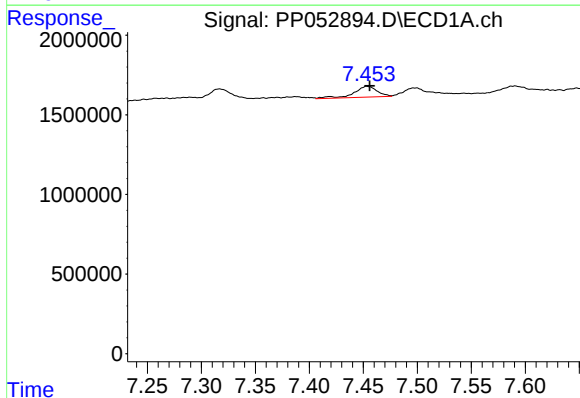
R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 1283982
Conc: 15.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



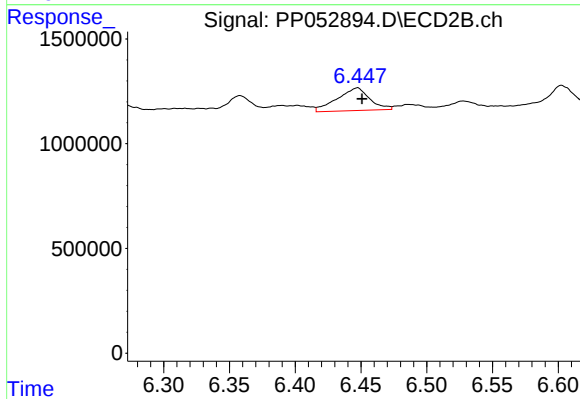
#31 AR-1260-1

R.T.: 6.259 min
Delta R.T.: -0.002 min
Response: 2173239
Conc: 21.37 ng/ml



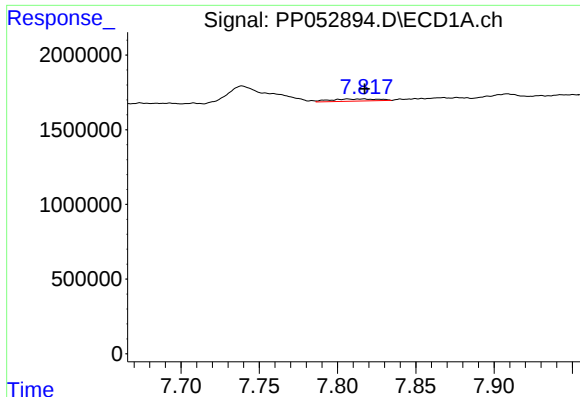
#32 AR-1260-2

R.T.: 7.454 min
Delta R.T.: -0.002 min
Response: 1021791
Conc: 10.94 ng/ml



#32 AR-1260-2

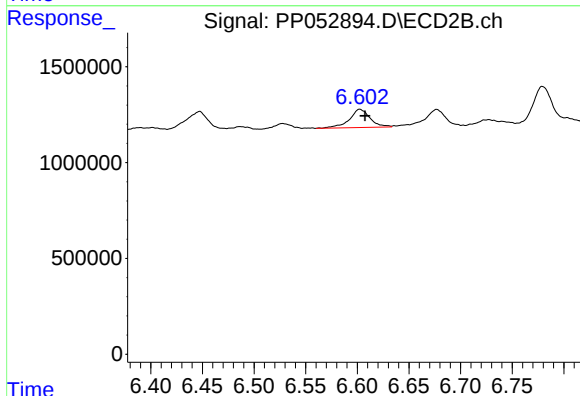
R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 1865203
Conc: 15.34 ng/ml



#33 AR-1260-3

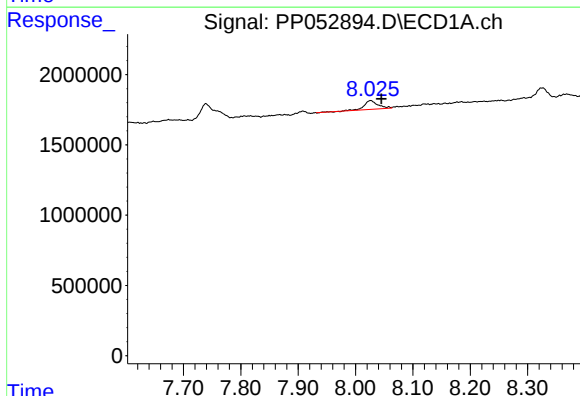
R.T.: 7.816 min
Delta R.T.: -0.002 min
Response: 316284
Conc: 5.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



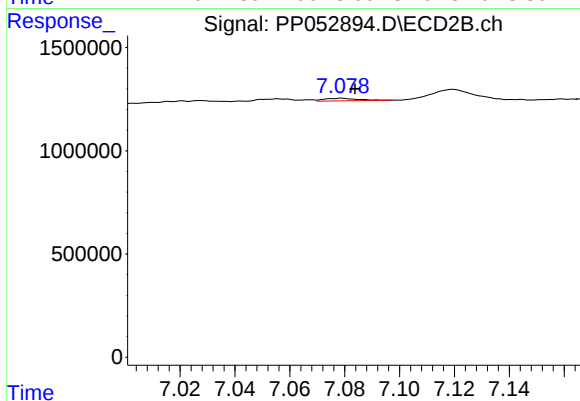
#33 AR-1260-3

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 1322276
Conc: 11.34 ng/ml



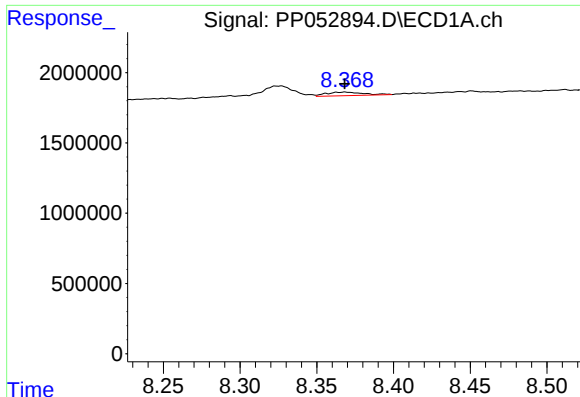
#34 AR-1260-4

R.T.: 8.026 min
Delta R.T.: -0.019 min
Response: 1041500
Conc: 14.55 ng/ml



#34 AR-1260-4

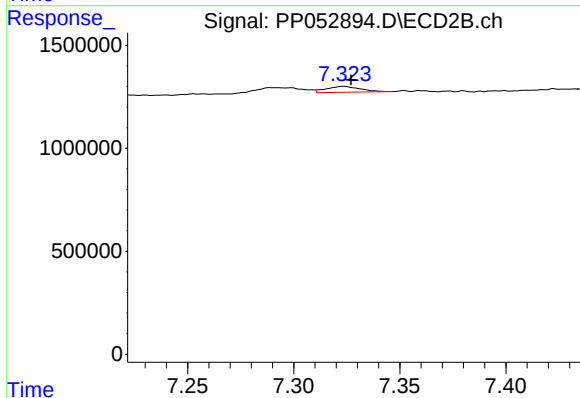
R.T.: 7.079 min
Delta R.T.: -0.005 min
Response: 109597
Conc: 1.22 ng/ml



#35 AR-1260-5

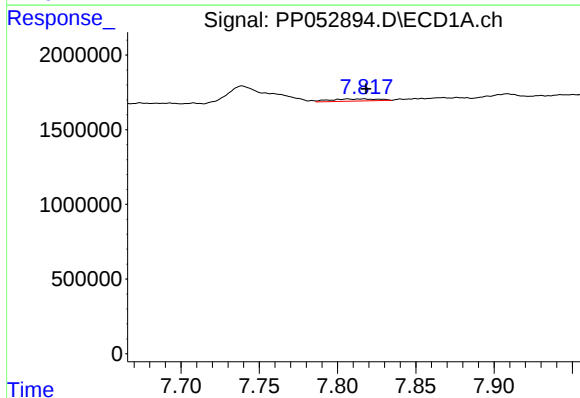
R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 424020
Conc: 3.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



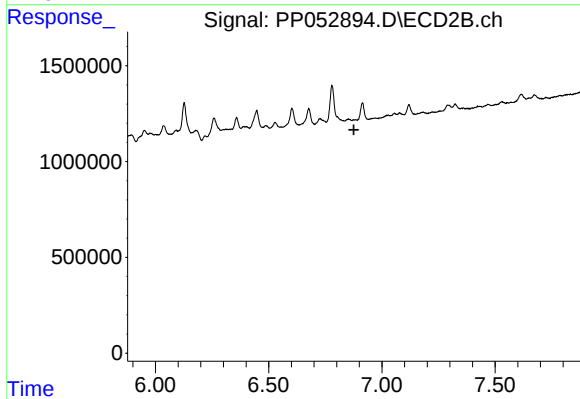
#35 AR-1260-5

R.T.: 7.324 min
Delta R.T.: -0.003 min
Response: 321150
Conc: 1.57 ng/ml



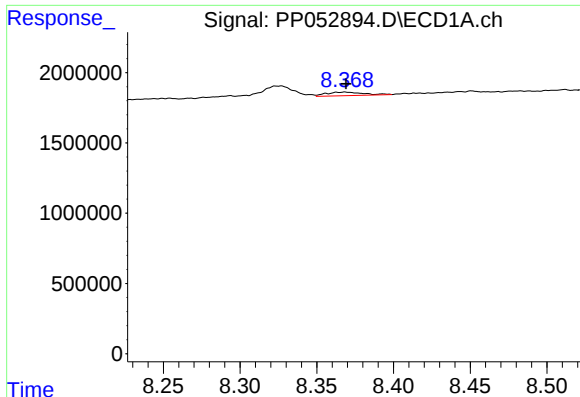
#36 AR-1262-1

R.T.: 7.816 min
Delta R.T.: -0.002 min
Response: 316284
Conc: 3.30 ng/ml



#36 AR-1262-1

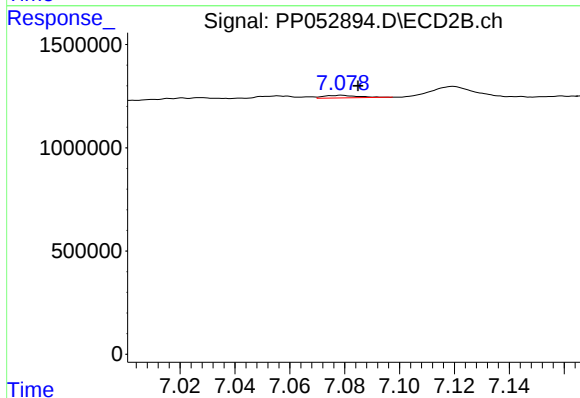
R.T.: 0.000 min
Exp R.T.: 6.877 min
Response: 0
Conc: N.D.



#37 AR-1262-2

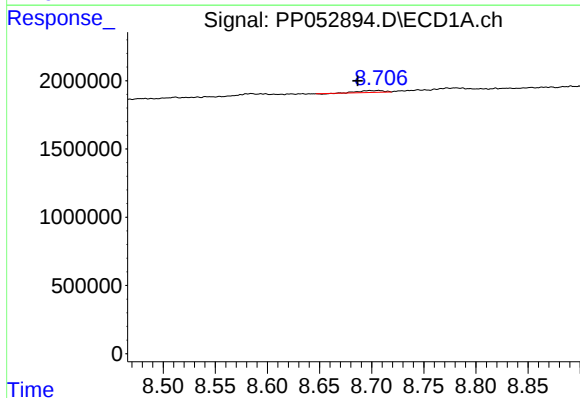
R.T.: 8.368 min
Delta R.T.: -0.001 min
Response: 424020
Conc: 2.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



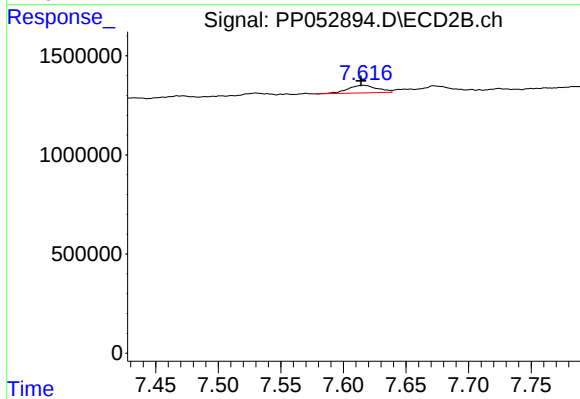
#37 AR-1262-2

R.T.: 7.079 min
Delta R.T.: -0.006 min
Response: 109597
Conc: 0.89 ng/ml



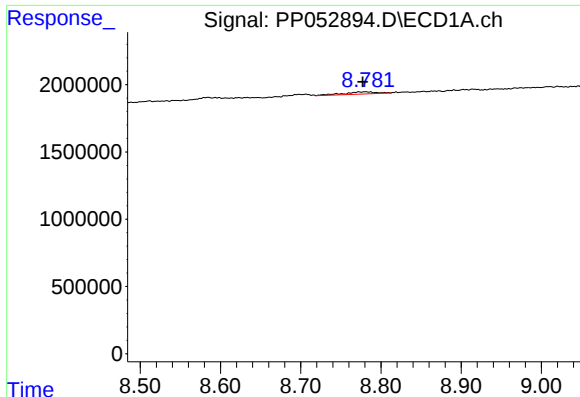
#38 AR-1262-3

R.T.: 8.706 min
Delta R.T.: 0.019 min
Response: 207874
Conc: 2.09 ng/ml



#38 AR-1262-3

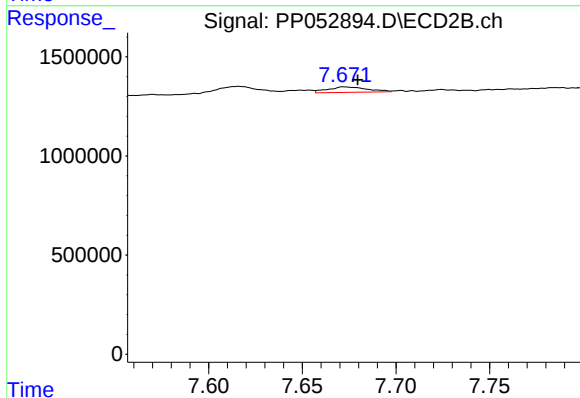
R.T.: 7.616 min
Delta R.T.: 0.002 min
Response: 629737
Conc: 6.24 ng/ml



#39 AR-1262-4

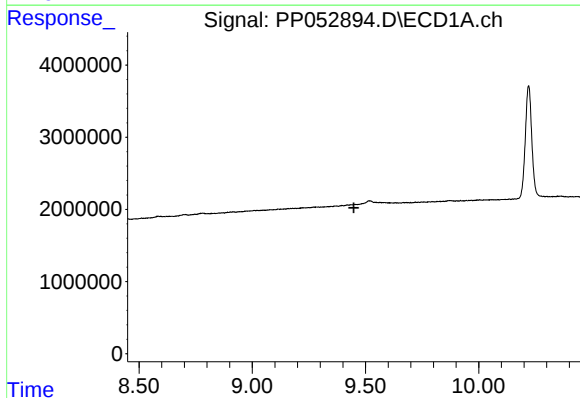
R.T.: 8.781 min
Delta R.T.: 0.004 min
Response: 468545
Conc: 10.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



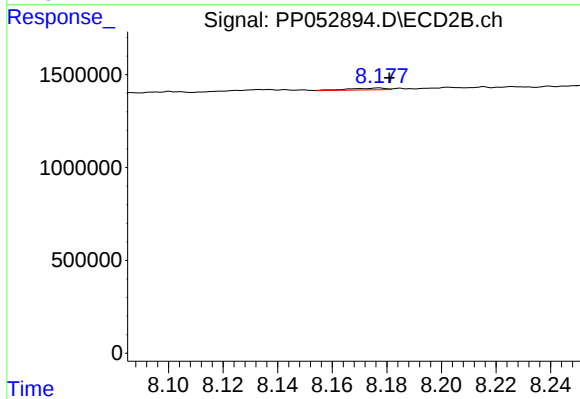
#39 AR-1262-4

R.T.: 7.672 min
Delta R.T.: -0.008 min
Response: 402334
Conc: 2.25 ng/ml



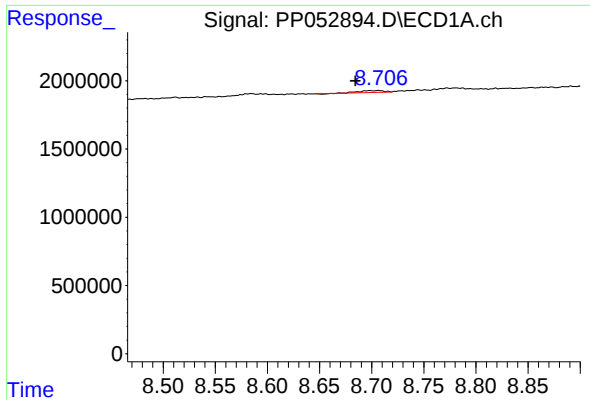
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.449 min
Response: 0
Conc: N.D.



#40 AR-1262-5

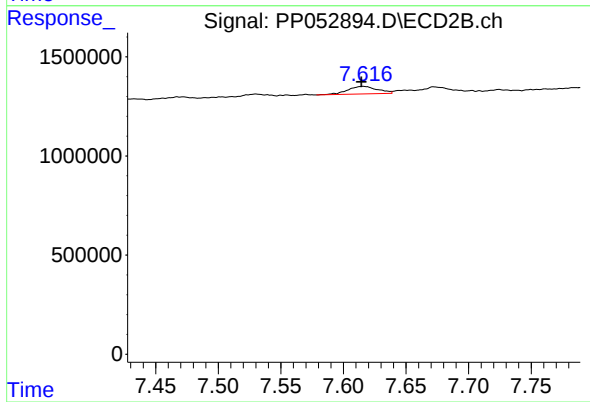
R.T.: 8.177 min
Delta R.T.: -0.004 min
Response: 93047
Conc: 1.24 ng/ml



#41 AR-1268-1

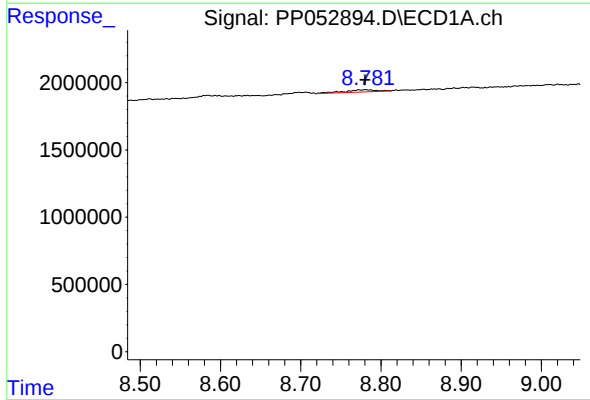
R.T.: 8.706 min
Delta R.T.: 0.021 min
Response: 207874
Conc: 1.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



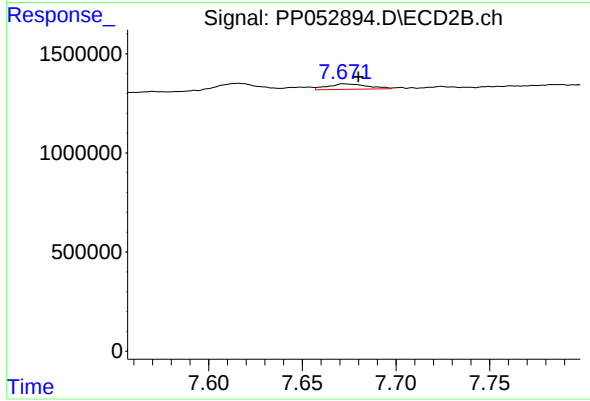
#41 AR-1268-1

R.T.: 7.616 min
Delta R.T.: 0.002 min
Response: 629737
Conc: 2.05 ng/ml



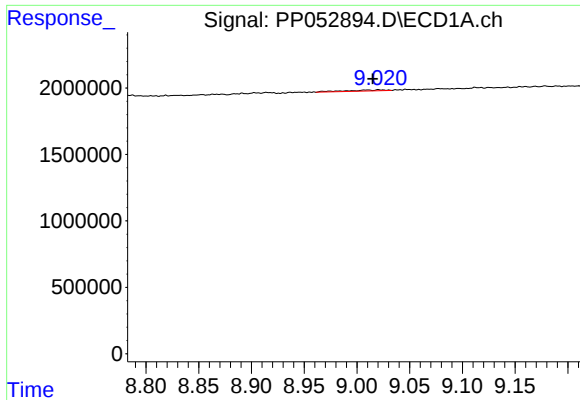
#42 AR-1268-2

R.T.: 8.781 min
Delta R.T.: 0.001 min
Response: 468545
Conc: 2.86 ng/ml



#42 AR-1268-2

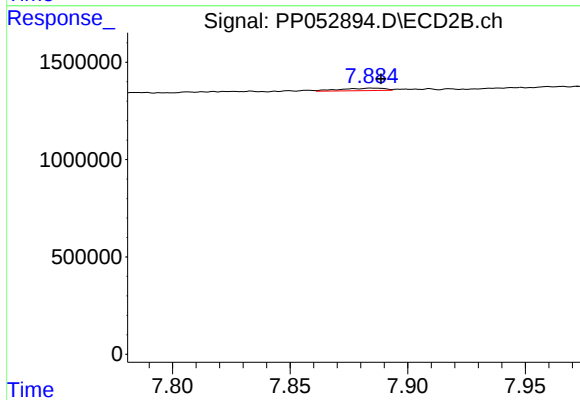
R.T.: 7.672 min
Delta R.T.: -0.008 min
Response: 402334
Conc: 1.48 ng/ml



#43 AR-1268-3

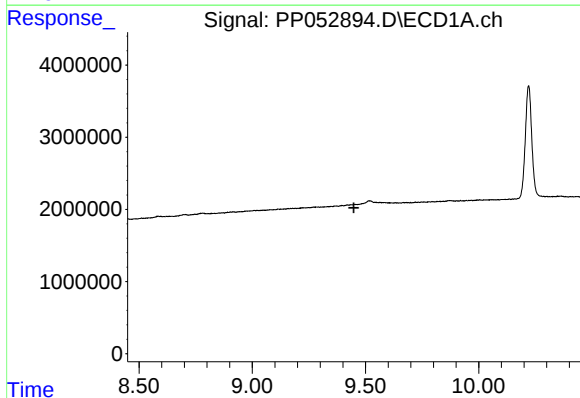
R.T.: 9.021 min
Delta R.T.: 0.007 min
Response: 201752
Conc: 1.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



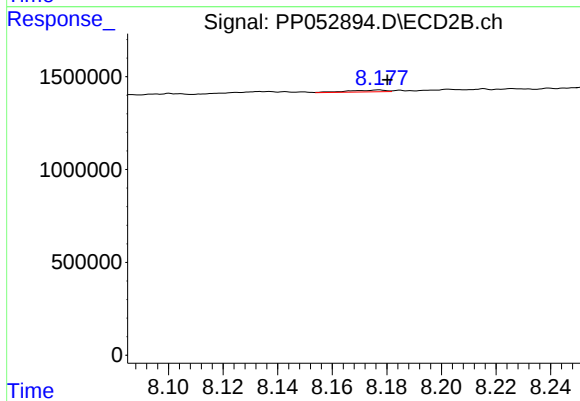
#43 AR-1268-3

R.T.: 7.884 min
Delta R.T.: -0.004 min
Response: 160992
Conc: 0.69 ng/ml



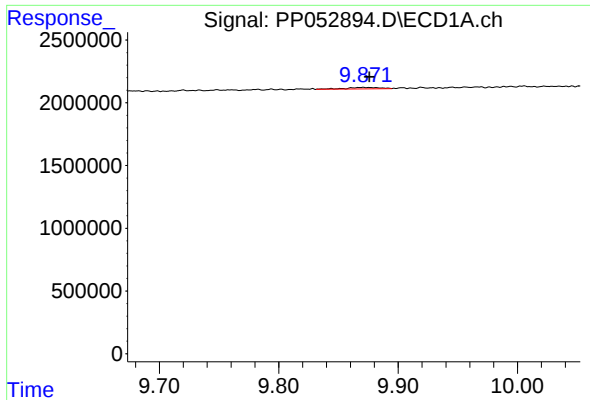
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.449 min
Response: 0
Conc: N.D.



#44 AR-1268-4

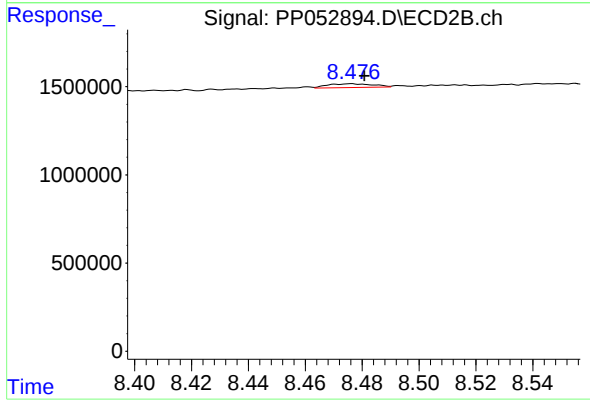
R.T.: 8.177 min
Delta R.T.: -0.003 min
Response: 93047
Conc: 1.10 ng/ml



#45 AR-1268-5

R.T.: 9.871 min
Delta R.T.: -0.004 min
Response: 233440
Conc: 0.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.476 min
Delta R.T.: -0.004 min
Response: 237728
Conc: 0.36 ng/ml