

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062922\
 Data File : PP049047.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 22:02
 Operator : YP\AJ
 Sample : N3214-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 08:03:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP062822.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 29 09:37:18 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...	4.344	3.594	32263292	58243537	22.696	22.746
2)	SA Decachlor...	10.091	8.567	32121060	27610336	26.187	24.494
Target Compounds							
3)	L1 AR-1016-1	5.518	4.669	154228	168515	2.934	1.846 #
4)	L1 AR-1016-2	5.542	4.689	205468	243770	2.726	1.894 #
5)	L1 AR-1016-3	5.609	0.000	234478	0	4.817	N.D. #
6)	L1 AR-1016-4	5.712	0.000	40892	0	1.053	N.D. #
7)	L1 AR-1016-5	6.010	0.000	52416	0	1.374	N.D. #
8)	L2 AR-1221-1	4.561	3.806	797610	908434	46.788	27.065 #
9)	L2 AR-1221-2	4.649	3.891	772582	1489286	60.433	58.015
10)	L2 AR-1221-3	4.721	3.965	1183485	1947372	29.906	26.482
11)	L3 AR-1232-1	4.721	3.965	1183485	1947372	31.126	28.031
12)	L3 AR-1232-2	5.254	4.689	197840	243770	10.467	3.794 #
13)	L3 AR-1232-3	5.542	0.000	205468	0	5.559	N.D. #
14)	L3 AR-1232-4	5.712	0.000	40892	0	2.139	N.D. #
15)	L3 AR-1232-5	5.793	0.000	146624	0	9.402	N.D. #
16)	L4 AR-1242-1	5.518	4.669	154228	168515	3.806	2.343 #
17)	L4 AR-1242-2	5.542	4.689	205468	243770	3.568	2.407 #
18)	L4 AR-1242-3	5.609	0.000	234478	0	6.476	N.D. #
19)	L4 AR-1242-4	5.712	0.000	40892	0	1.390	N.D. #
20)	L4 AR-1242-5	6.444	5.492f	64030	345230	1.919	4.959 #
21)	L5 AR-1248-1	5.518	4.669	154228	168515	4.796	2.899 #
22)	L5 AR-1248-2	5.793	0.000	146624	0	3.154	N.D. #
23)	L5 AR-1248-3	5.992	0.000	50056	0	0.935	N.D. #
24)	L5 AR-1248-4	6.410	0.000	53535	0	0.866	N.D. #
25)	L5 AR-1248-5	6.444	5.492f	64030	345230	1.111	3.442 #
26)	L6 AR-1254-1	6.383	5.492f	258389	345230	3.833	2.352 #
27)	L6 AR-1254-2	6.606	0.000	95005	0	1.013	N.D. #
28)	L6 AR-1254-3	6.961	0.000	101323	0	0.999	N.D. #
29)	L6 AR-1254-4	7.255	0.000	26619	0	0.355	N.D. #
30)	L6 AR-1254-5	7.659f	0.000	196521	0	2.329	N.D. #
32)	L7 AR-1260-2	0.000	6.319	0	289396	N.D.	2.158 #
33)	L7 AR-1260-3	7.776f	0.000	146600	0	2.620	N.D. #
34)	L7 AR-1260-4	7.981	0.000	271413	0	3.881	N.D. #
35)	L7 AR-1260-5	8.284	0.000	451641	0	3.296	N.D. #
37)	L8 AR-1262-2	8.284	0.000	451641	0	2.639	N.D. #
38)	L8 AR-1262-3	0.000	7.489	0	545199	N.D.	6.691 #
39)	L8 AR-1262-4	8.694	0.000	115066	0	2.452	N.D. #
40)	L8 AR-1262-5	9.379f	0.000	176277	0	2.916	N.D. #
41)	L9 AR-1268-1	0.000	7.489	0	545199	N.D.	2.534 #
42)	L9 AR-1268-2	8.694	0.000	115066	0	0.658	N.D. #
43)	L9 AR-1268-3	8.925	0.000	197073	0	1.376	N.D. #

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 Integration File signal 2: autoint2.e
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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	9.323f	0.000	10300	0	0.161	N.D. #
45) L9	AR-1268-5	9.755	0.000	547719	0	1.188	N.D. #

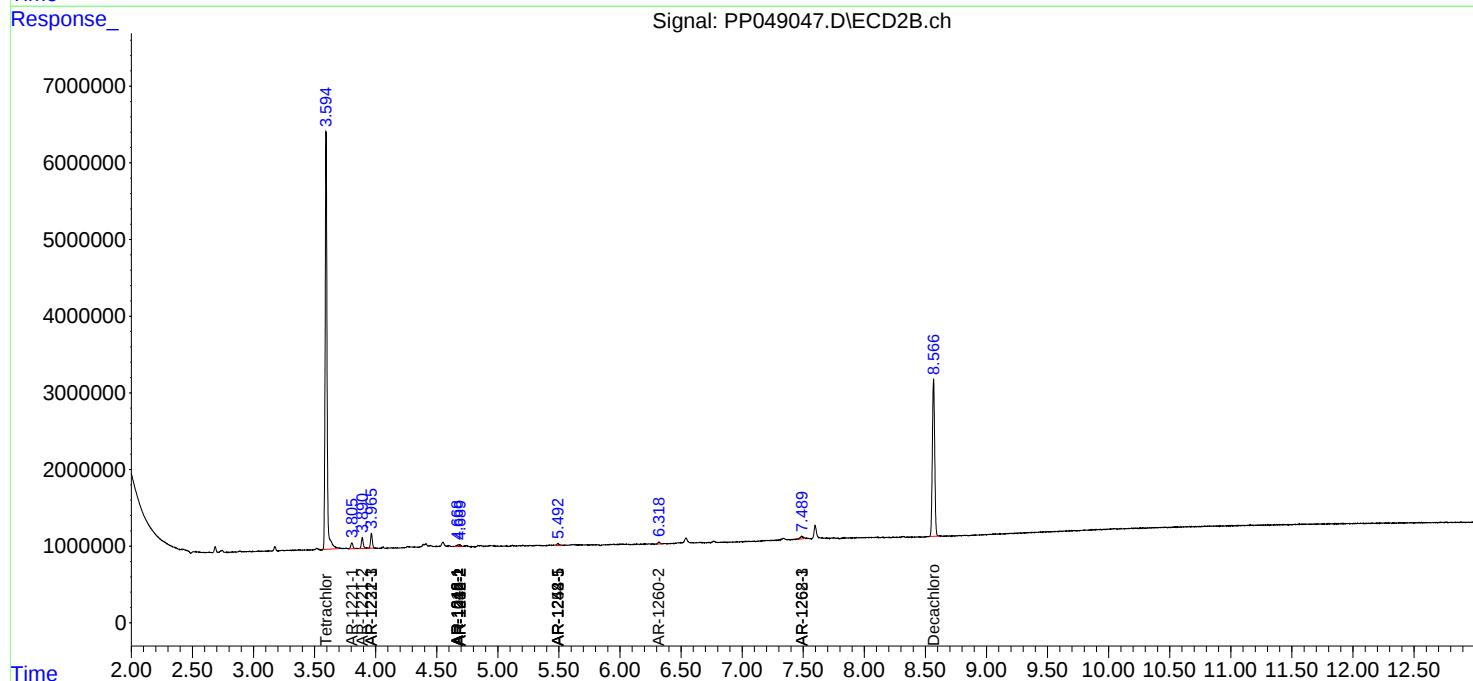
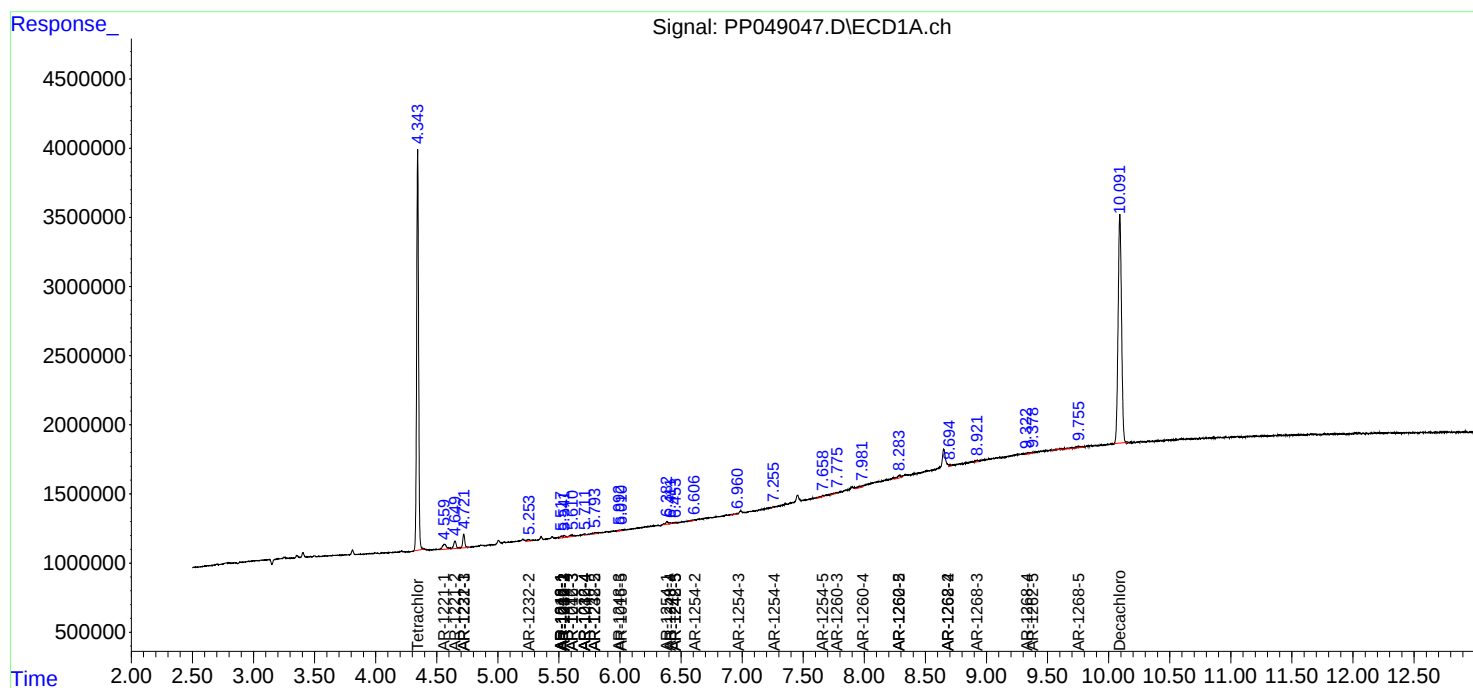
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

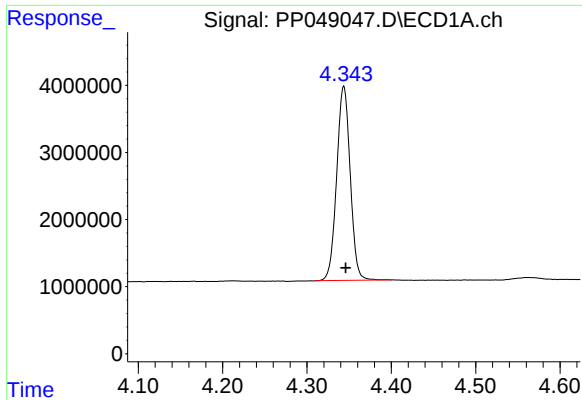
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062922\
Data File : PP049047.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

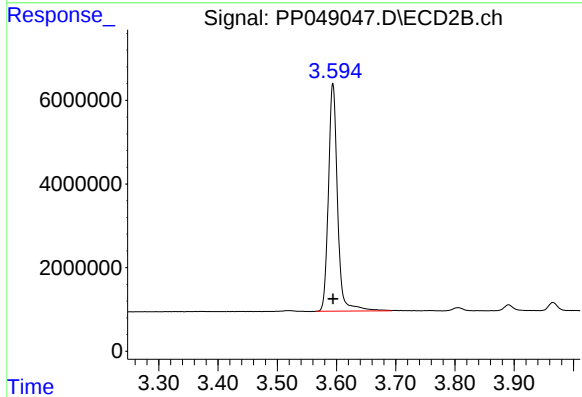




#1 Tetrachloro-m-xylene

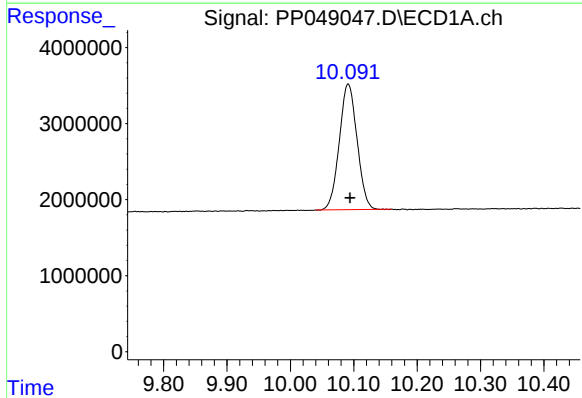
R.T.: 4.344 min
Delta R.T.: -0.002 min
Response: 32263292
Conc: 22.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



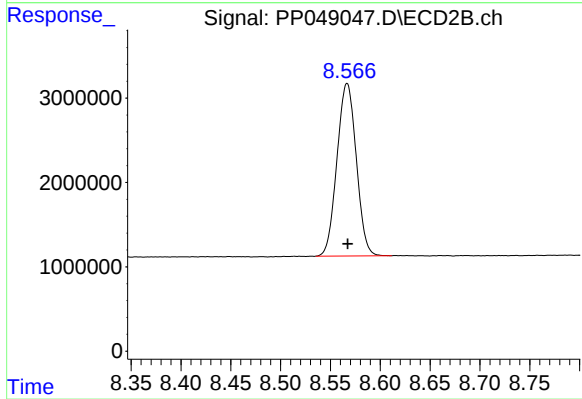
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 58243537
Conc: 22.75 ng/ml



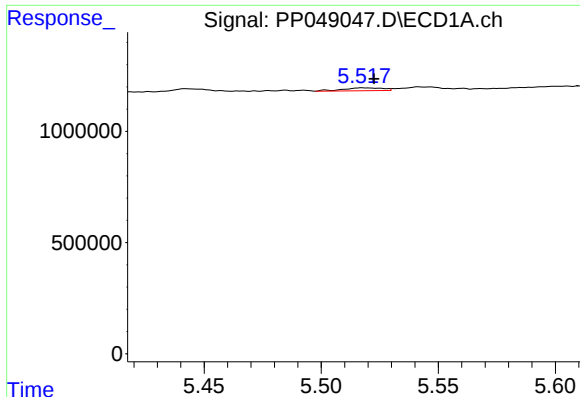
#2 Decachlorobiphenyl

R.T.: 10.091 min
Delta R.T.: -0.003 min
Response: 32121060
Conc: 26.19 ng/ml



#2 Decachlorobiphenyl

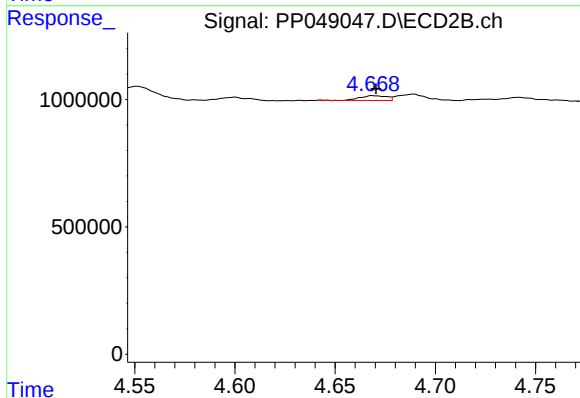
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 27610336
Conc: 24.49 ng/ml



#3 AR-1016-1

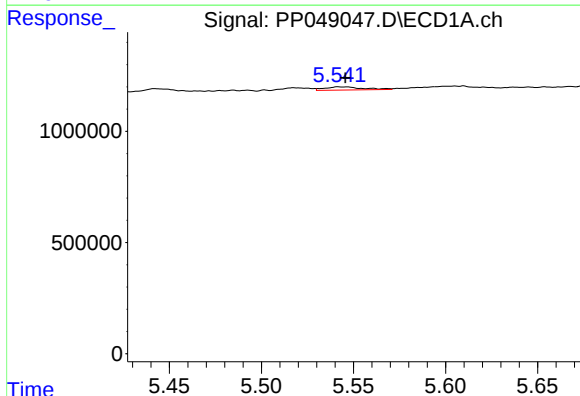
R.T.: 5.518 min
Delta R.T.: -0.005 min
Response: 154228
Conc: 2.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



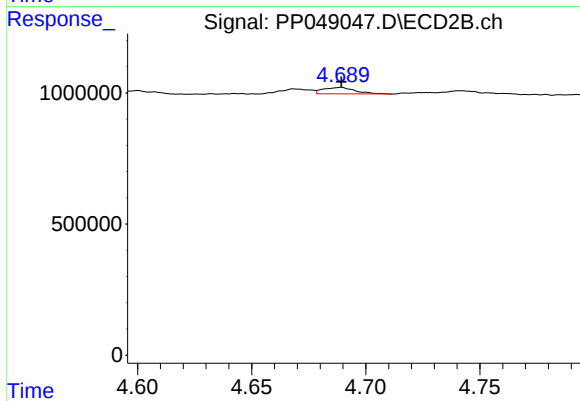
#3 AR-1016-1

R.T.: 4.669 min
Delta R.T.: -0.002 min
Response: 168515
Conc: 1.85 ng/ml



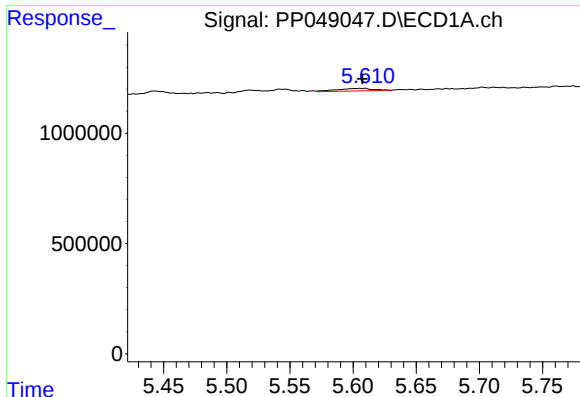
#4 AR-1016-2

R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 205468
Conc: 2.73 ng/ml



#4 AR-1016-2

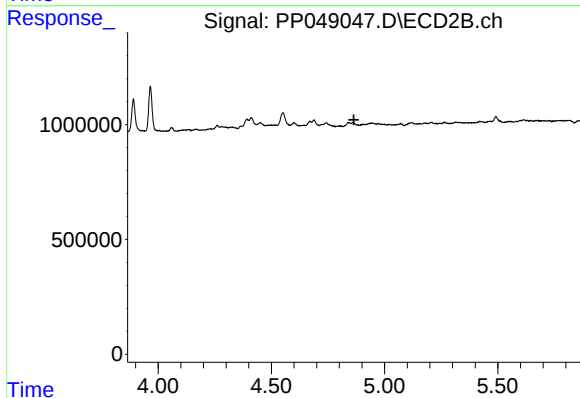
R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 243770
Conc: 1.89 ng/ml



#5 AR-1016-3

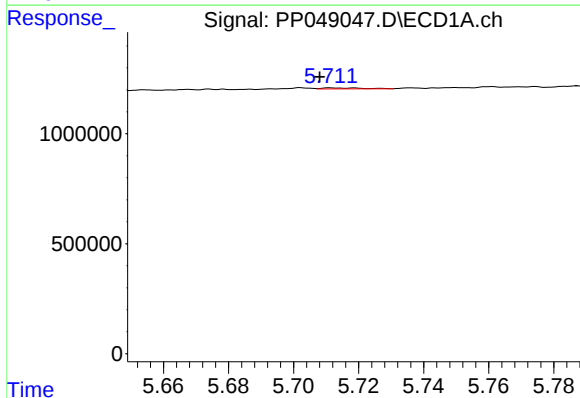
R.T.: 5.609 min
Delta R.T.: 0.002 min
Response: 234478
Conc: 4.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



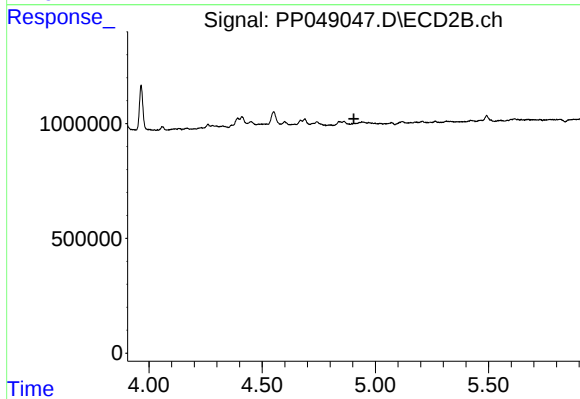
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.864 min
Response: 0
Conc: N.D.



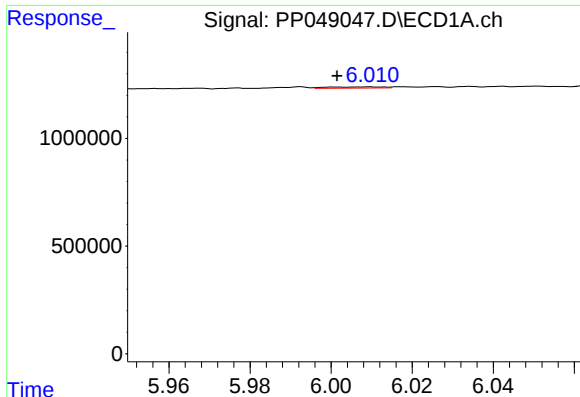
#6 AR-1016-4

R.T.: 5.712 min
Delta R.T.: 0.004 min
Response: 40892
Conc: 1.05 ng/ml



#6 AR-1016-4

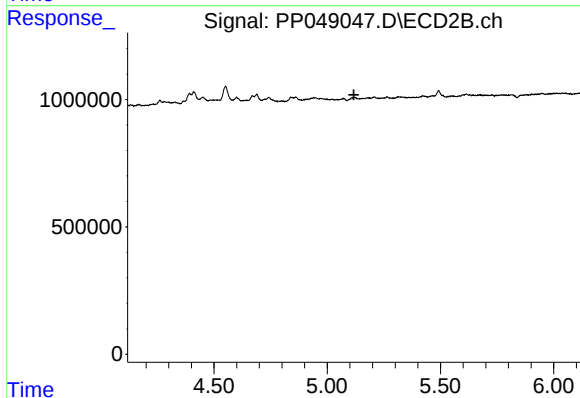
R.T.: 0.000 min
Exp R.T. : 4.905 min
Response: 0
Conc: N.D.



#7 AR-1016-5

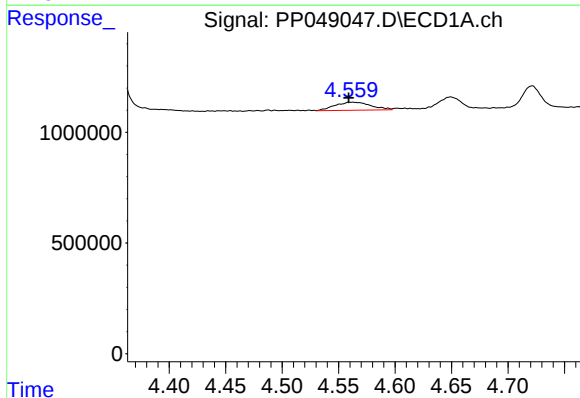
R.T.: 6.010 min
Delta R.T.: 0.008 min
Response: 52416
Conc: 1.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



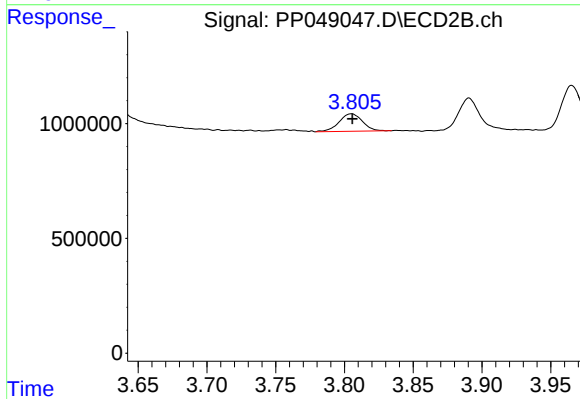
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.117 min
Response: 0
Conc: N.D.



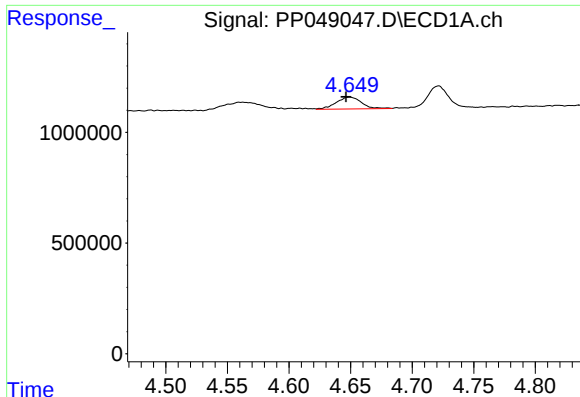
#8 AR-1221-1

R.T.: 4.561 min
Delta R.T.: 0.002 min
Response: 797610
Conc: 46.79 ng/ml



#8 AR-1221-1

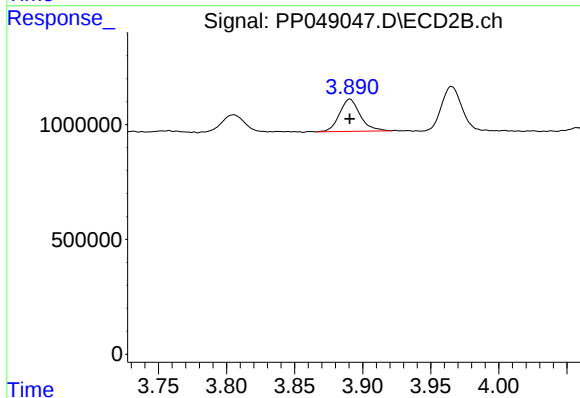
R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 908434
Conc: 27.06 ng/ml



#9 AR-1221-2

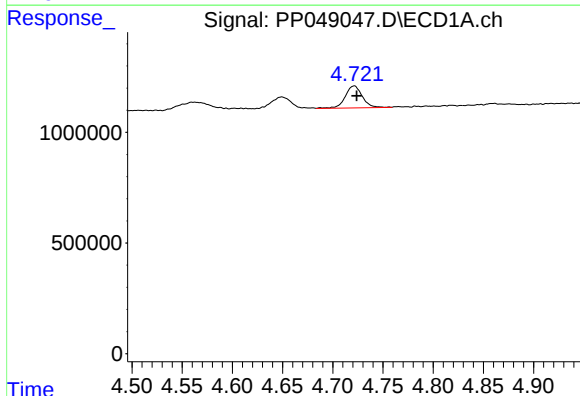
R.T.: 4.649 min
Delta R.T.: 0.003 min
Response: 772582
Conc: 60.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



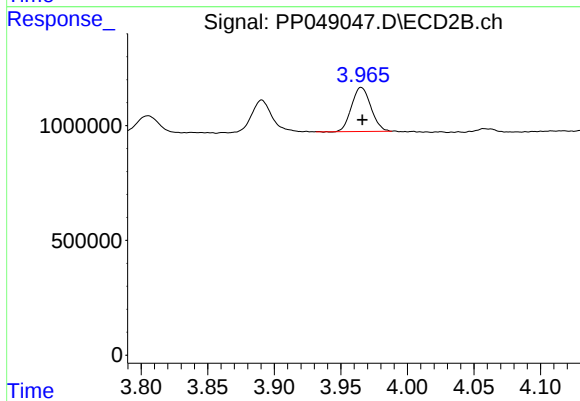
#9 AR-1221-2

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 1489286
Conc: 58.01 ng/ml



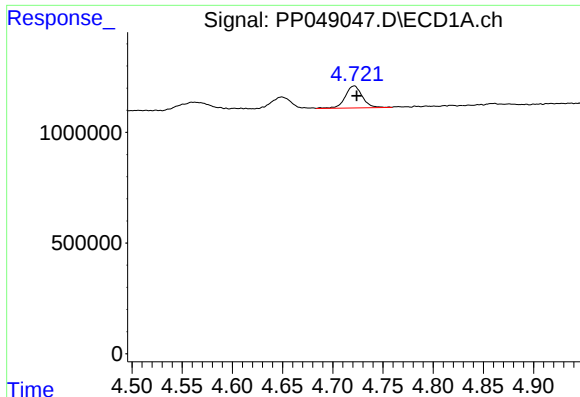
#10 AR-1221-3

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 1183485
Conc: 29.91 ng/ml



#10 AR-1221-3

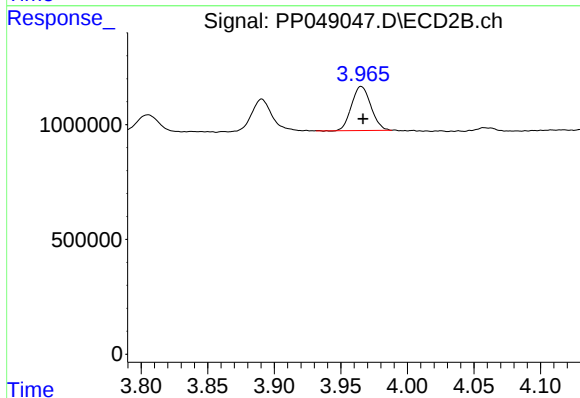
R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 1947372
Conc: 26.48 ng/ml



#11 AR-1232-1

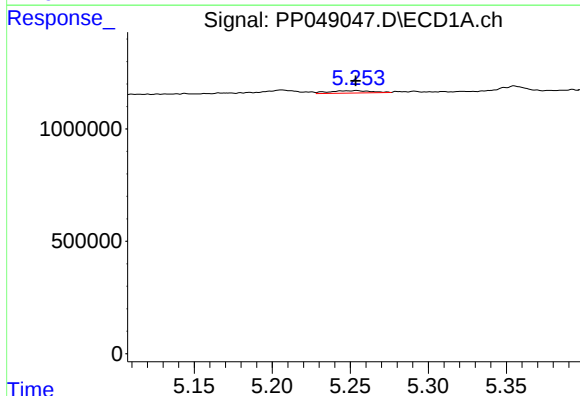
R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 1183485
Conc: 31.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



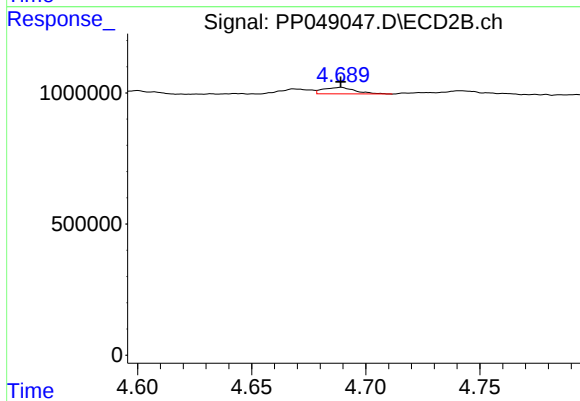
#11 AR-1232-1

R.T.: 3.965 min
Delta R.T.: -0.001 min
Response: 1947372
Conc: 28.03 ng/ml



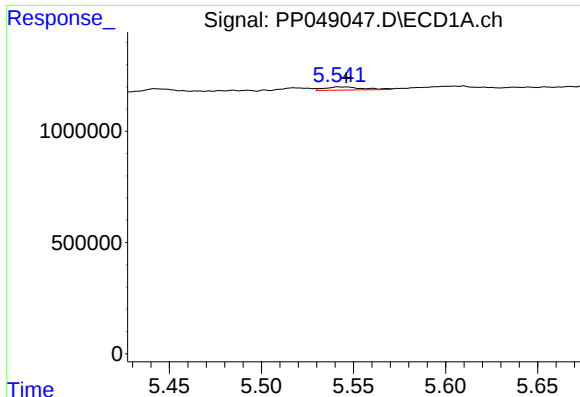
#12 AR-1232-2

R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 197840
Conc: 10.47 ng/ml



#12 AR-1232-2

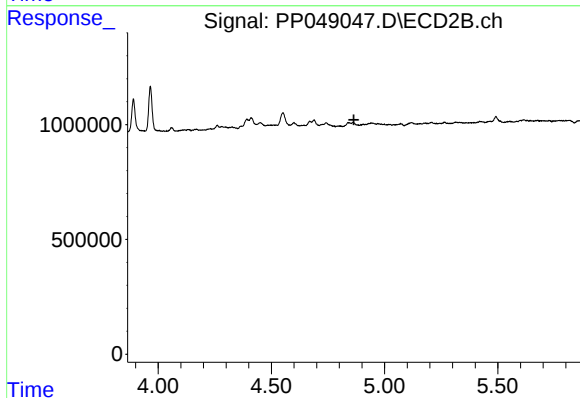
R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 243770
Conc: 3.79 ng/ml



#13 AR-1232-3

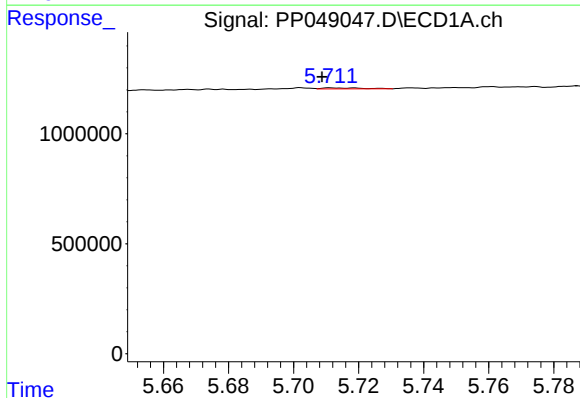
R.T.: 5.542 min
Delta R.T.: -0.004 min
Response: 205468
Conc: 5.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



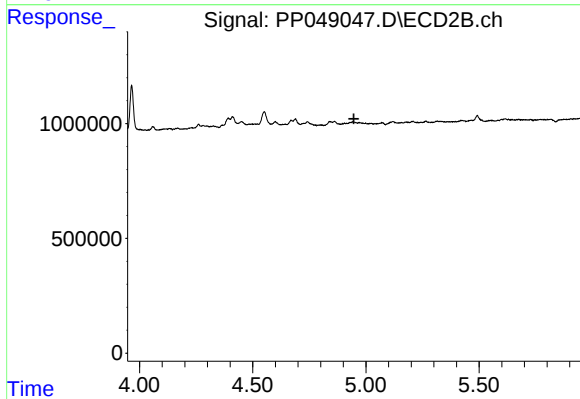
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.864 min
Response: 0
Conc: N.D.



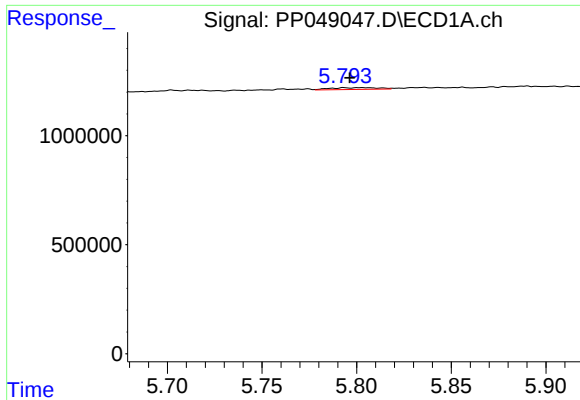
#14 AR-1232-4

R.T.: 5.712 min
Delta R.T.: 0.003 min
Response: 40892
Conc: 2.14 ng/ml



#14 AR-1232-4

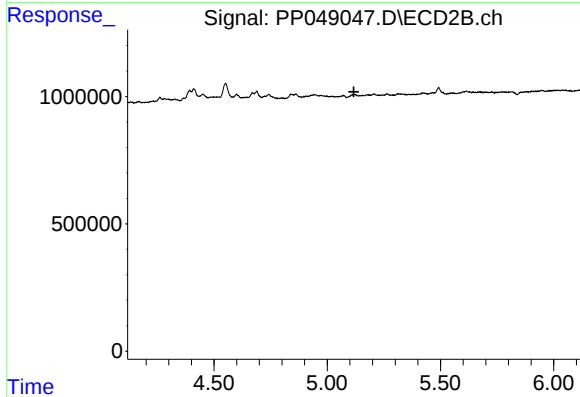
R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#15 AR-1232-5

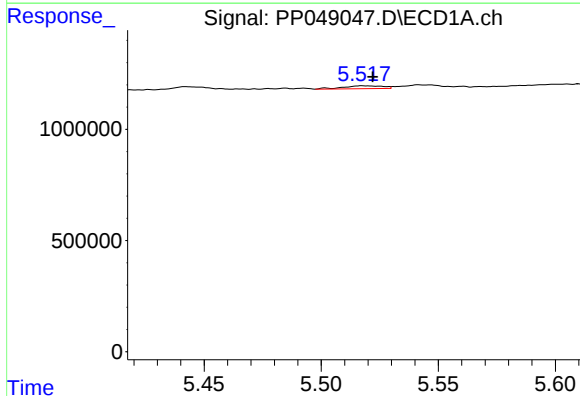
R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 146624
Conc: 9.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



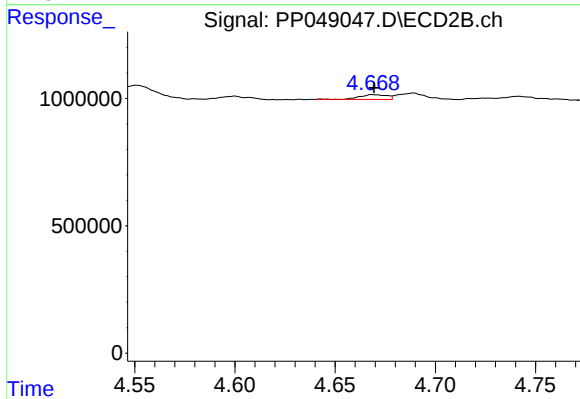
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.117 min
Response: 0
Conc: N.D.



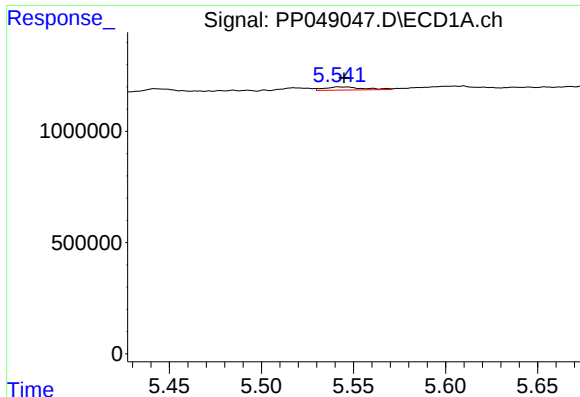
#16 AR-1242-1

R.T.: 5.518 min
Delta R.T.: -0.004 min
Response: 154228
Conc: 3.81 ng/ml



#16 AR-1242-1

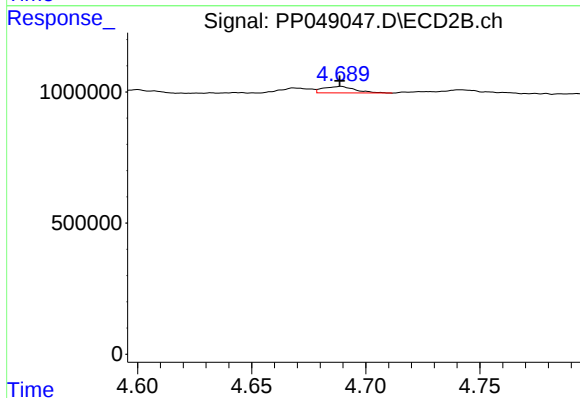
R.T.: 4.669 min
Delta R.T.: 0.000 min
Response: 168515
Conc: 2.34 ng/ml



#17 AR-1242-2

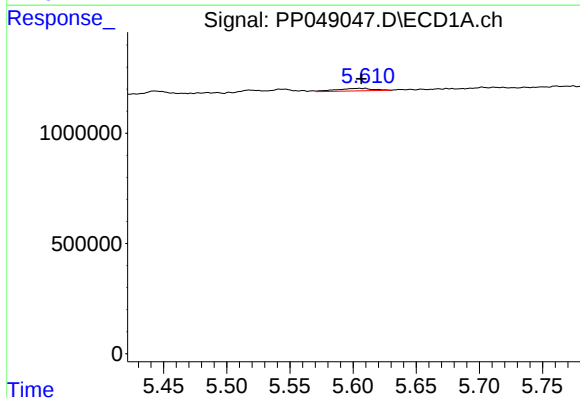
R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 205468
Conc: 3.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



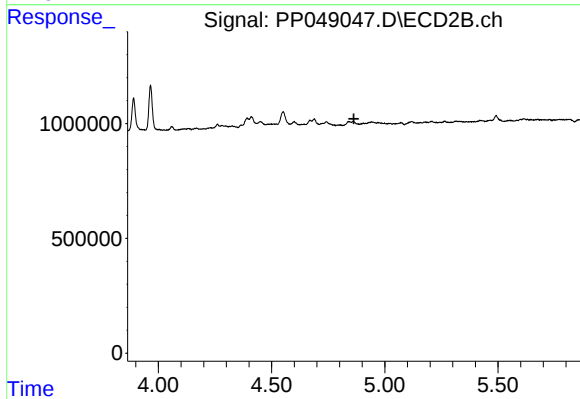
#17 AR-1242-2

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 243770
Conc: 2.41 ng/ml



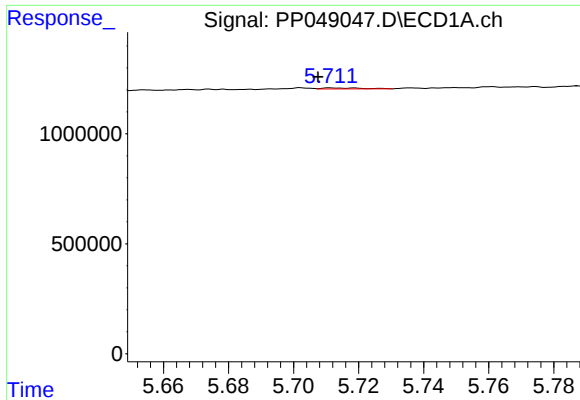
#18 AR-1242-3

R.T.: 5.609 min
Delta R.T.: 0.003 min
Response: 234478
Conc: 6.48 ng/ml



#18 AR-1242-3

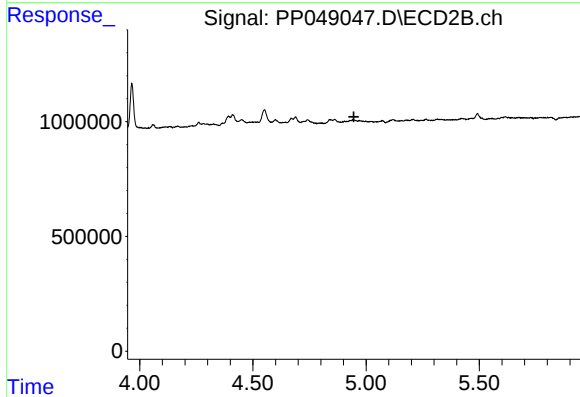
R.T.: 0.000 min
Exp R.T. : 4.863 min
Response: 0
Conc: N.D.



#19 AR-1242-4

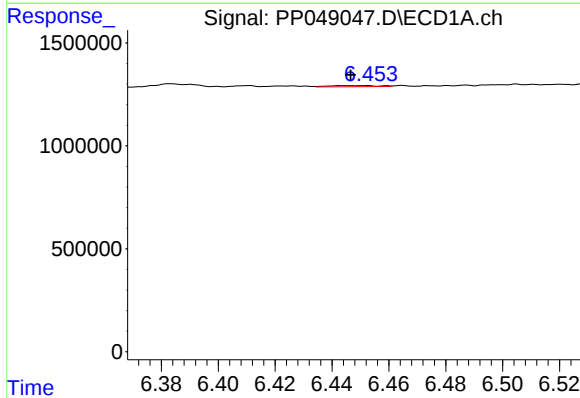
R.T.: 5.712 min
Delta R.T.: 0.004 min
Response: 40892
Conc: 1.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



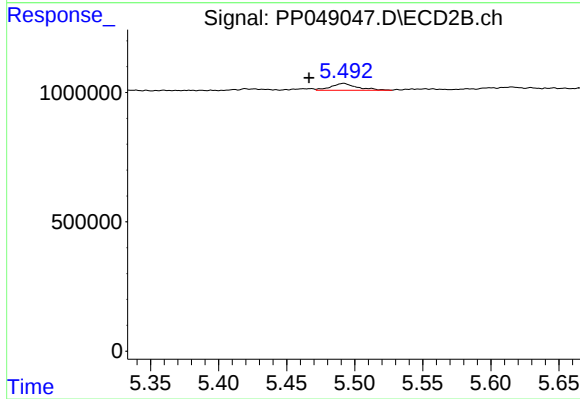
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



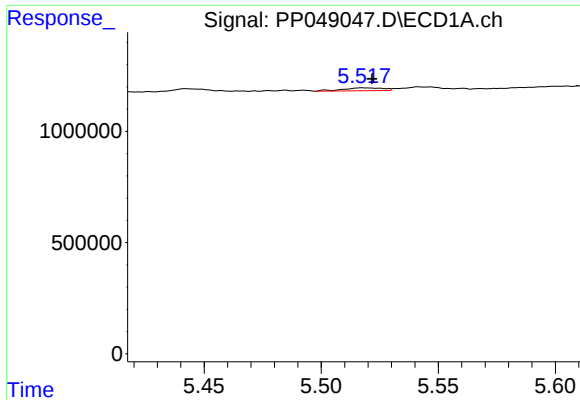
#20 AR-1242-5

R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 64030
Conc: 1.92 ng/ml



#20 AR-1242-5

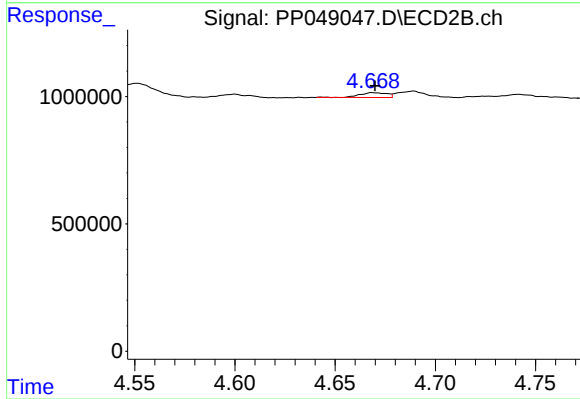
R.T.: 5.492 min
Delta R.T.: 0.026 min
Response: 345230
Conc: 4.96 ng/ml



#21 AR-1248-1

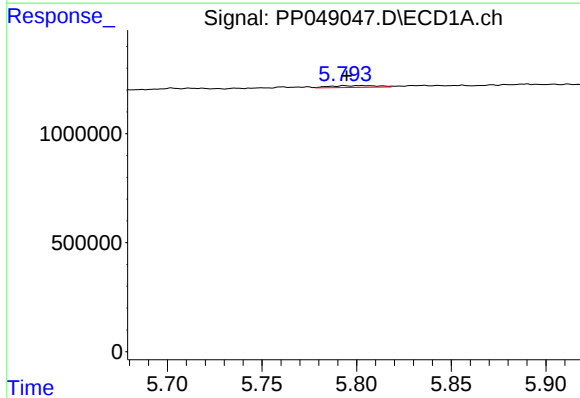
R.T.: 5.518 min
Delta R.T.: -0.004 min
Response: 154228
Conc: 4.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



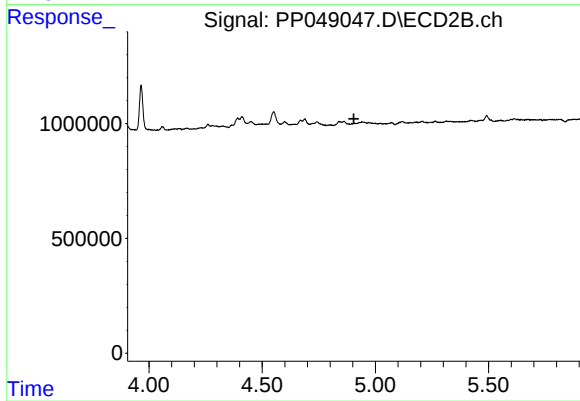
#21 AR-1248-1

R.T.: 4.669 min
Delta R.T.: -0.001 min
Response: 168515
Conc: 2.90 ng/ml



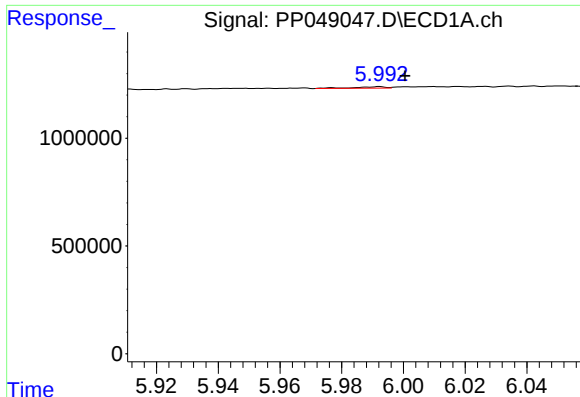
#22 AR-1248-2

R.T.: 5.793 min
Delta R.T.: -0.001 min
Response: 146624
Conc: 3.15 ng/ml



#22 AR-1248-2

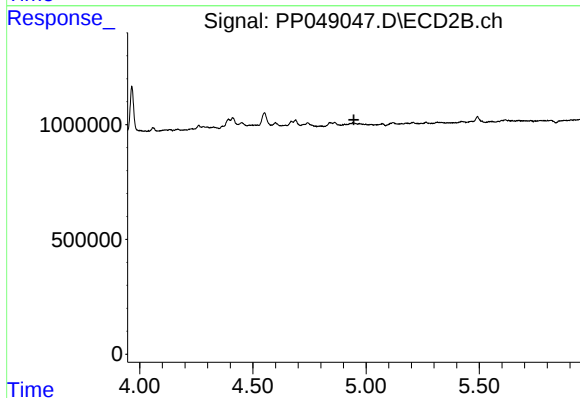
R.T.: 0.000 min
Exp R.T.: 4.905 min
Response: 0
Conc: N.D.



#23 AR-1248-3

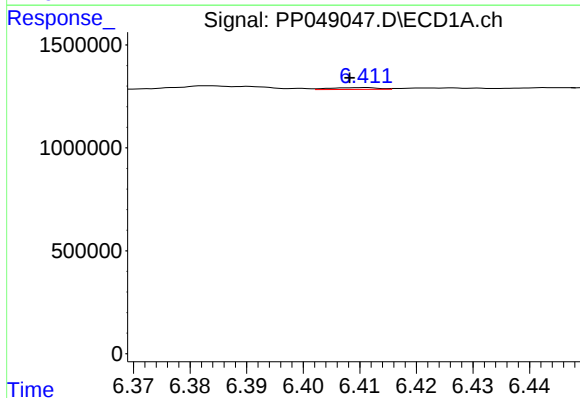
R.T.: 5.992 min
Delta R.T.: -0.008 min
Response: 50056
Conc: 0.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



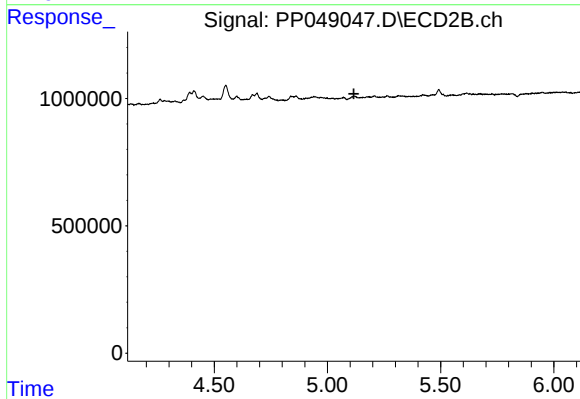
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



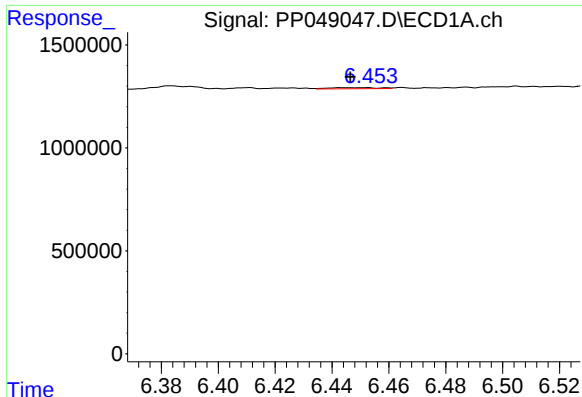
#24 AR-1248-4

R.T.: 6.410 min
Delta R.T.: 0.002 min
Response: 53535
Conc: 0.87 ng/ml



#24 AR-1248-4

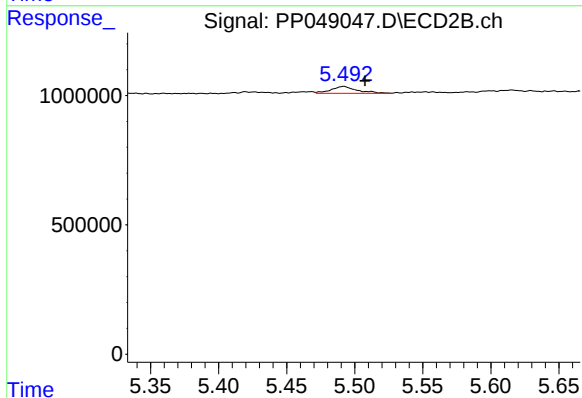
R.T.: 0.000 min
Exp R.T. : 5.117 min
Response: 0
Conc: N.D.



#25 AR-1248-5

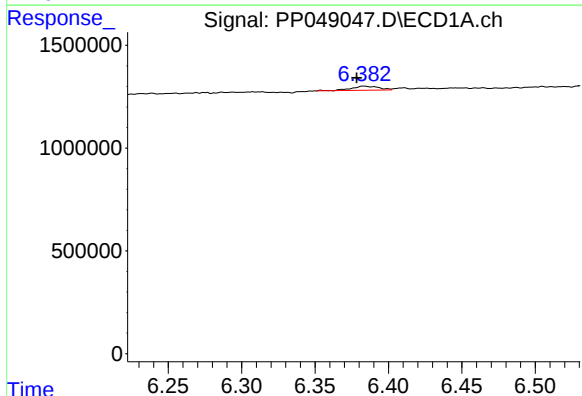
R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 64030
Conc: 1.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



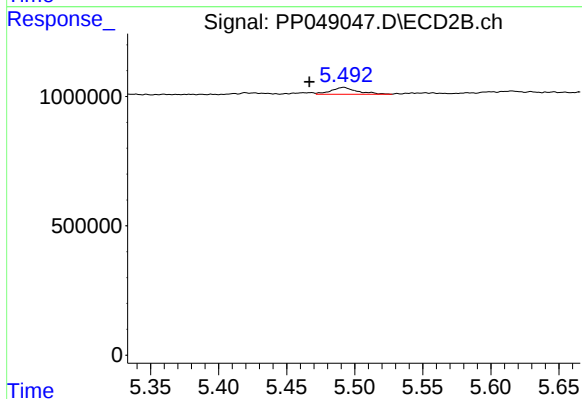
#25 AR-1248-5

R.T.: 5.492 min
Delta R.T.: -0.016 min
Response: 345230
Conc: 3.44 ng/ml



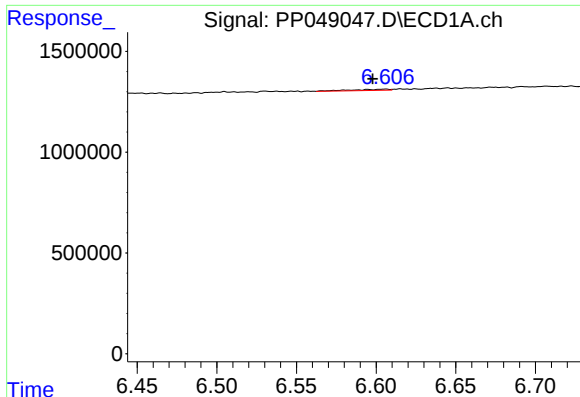
#26 AR-1254-1

R.T.: 6.383 min
Delta R.T.: 0.005 min
Response: 258389
Conc: 3.83 ng/ml



#26 AR-1254-1

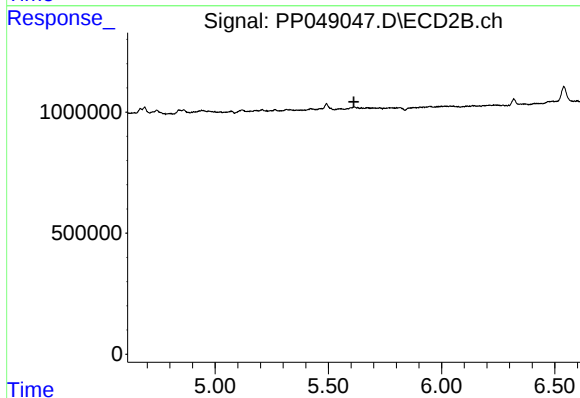
R.T.: 5.492 min
Delta R.T.: 0.025 min
Response: 345230
Conc: 2.35 ng/ml



#27 AR-1254-2

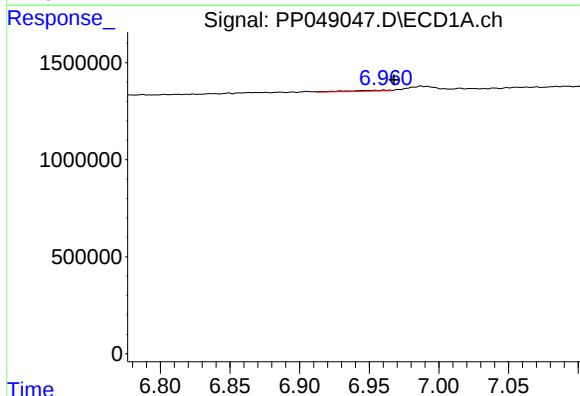
R.T.: 6.606 min
Delta R.T.: 0.008 min
Response: 95005
Conc: 1.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



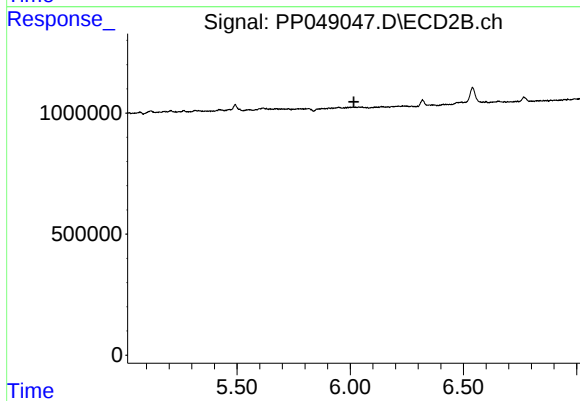
#27 AR-1254-2

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



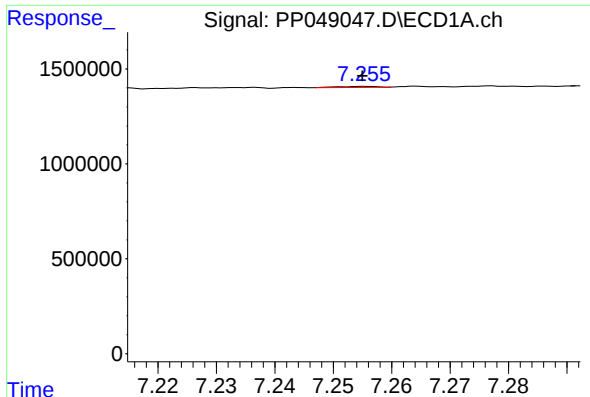
#28 AR-1254-3

R.T.: 6.961 min
Delta R.T.: -0.007 min
Response: 101323
Conc: 1.00 ng/ml



#28 AR-1254-3

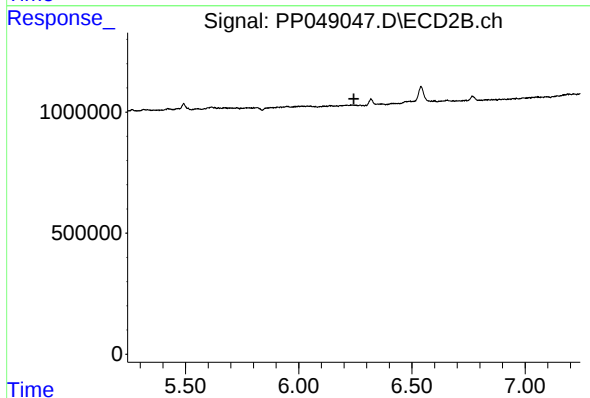
R.T.: 0.000 min
Exp R.T. : 6.016 min
Response: 0
Conc: N.D.



#29 AR-1254-4

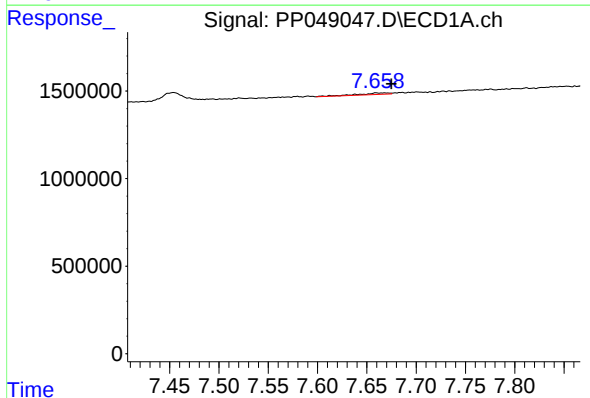
R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 26619
Conc: 0.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



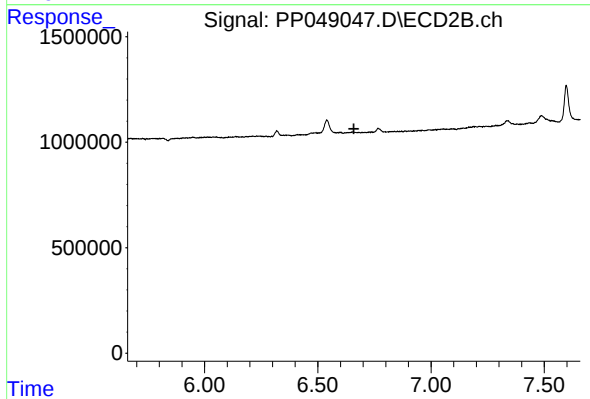
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.244 min
Response: 0
Conc: N.D.



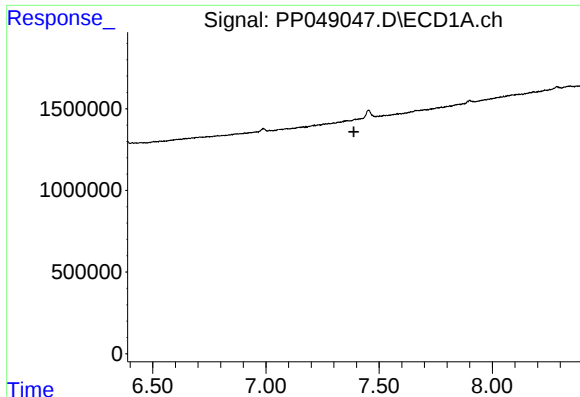
#30 AR-1254-5

R.T.: 7.659 min
Delta R.T.: -0.016 min
Response: 196521
Conc: 2.33 ng/ml



#30 AR-1254-5

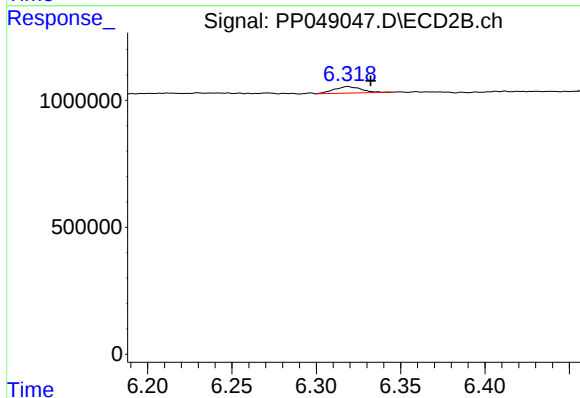
R.T.: 0.000 min
Exp R.T. : 6.660 min
Response: 0
Conc: N.D.



#32 AR-1260-2

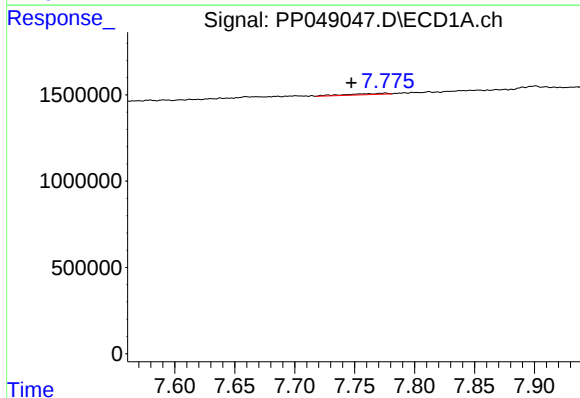
R.T.: 0.000 min
Exp R.T.: 7.388 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



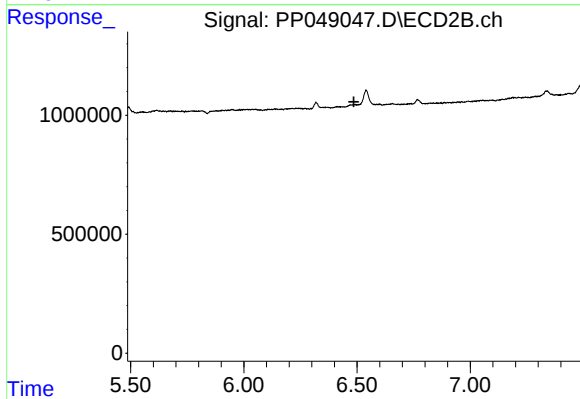
#32 AR-1260-2

R.T.: 6.319 min
Delta R.T.: -0.014 min
Response: 289396
Conc: 2.16 ng/ml



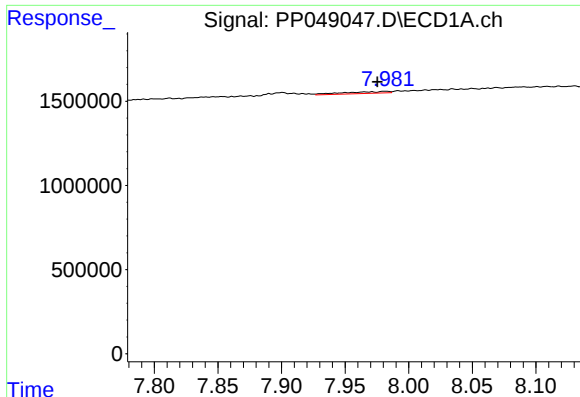
#33 AR-1260-3

R.T.: 7.776 min
Delta R.T.: 0.028 min
Response: 146600
Conc: 2.62 ng/ml



#33 AR-1260-3

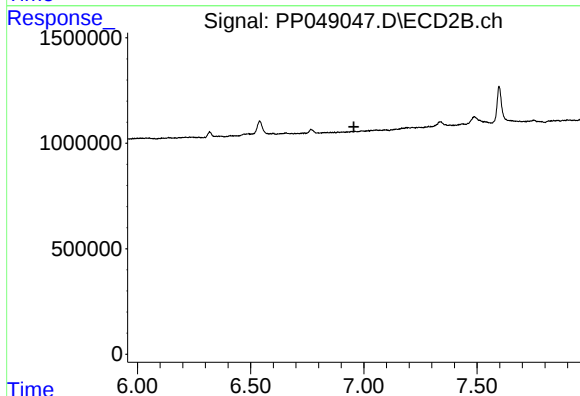
R.T.: 0.000 min
Exp R.T.: 6.486 min
Response: 0
Conc: N.D.



#34 AR-1260-4

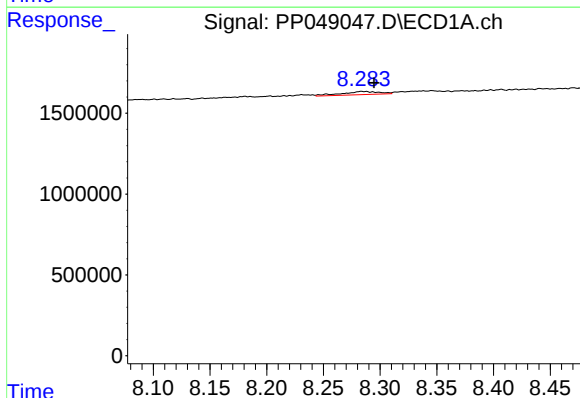
R.T.: 7.981 min
Delta R.T.: 0.006 min
Response: 271413
Conc: 3.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



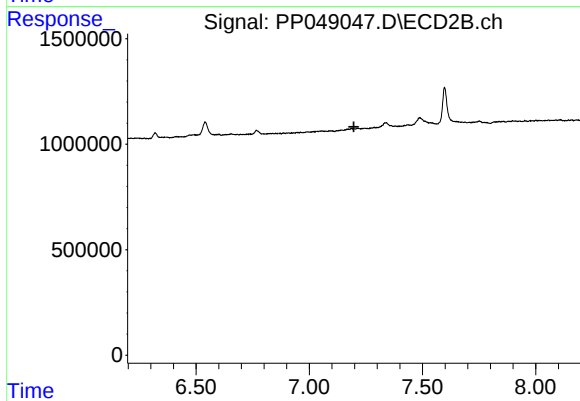
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.956 min
Response: 0
Conc: N.D.



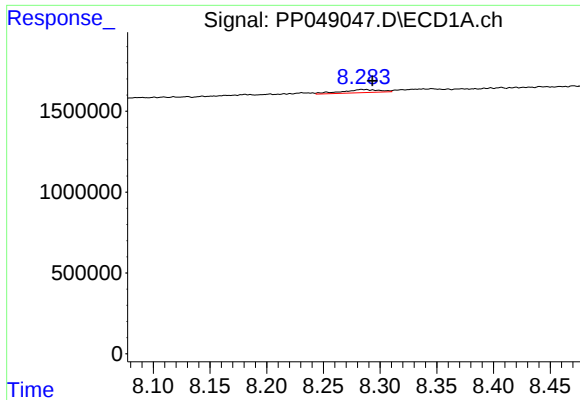
#35 AR-1260-5

R.T.: 8.284 min
Delta R.T.: -0.011 min
Response: 451641
Conc: 3.30 ng/ml



#35 AR-1260-5

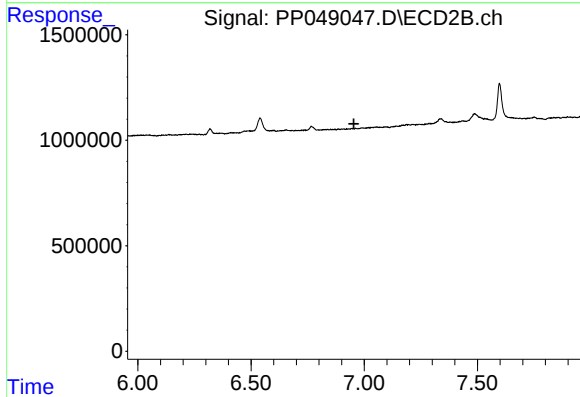
R.T.: 0.000 min
Exp R.T. : 7.197 min
Response: 0
Conc: N.D.



#37 AR-1262-2

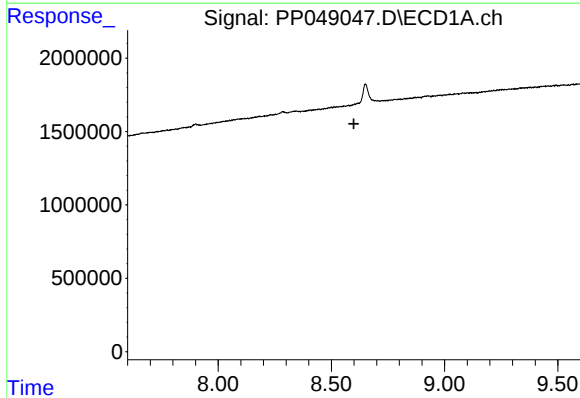
R.T.: 8.284 min
Delta R.T.: -0.009 min
Response: 451641
Conc: 2.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



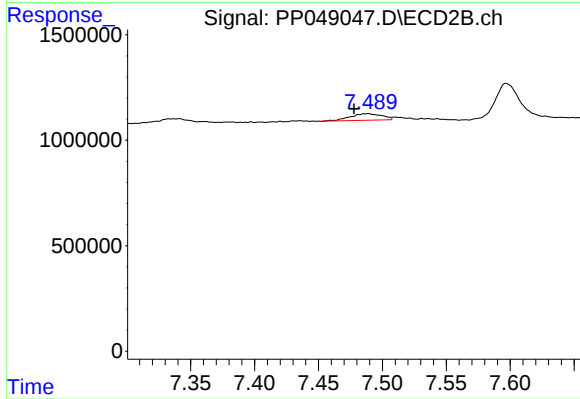
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.955 min
Response: 0
Conc: N.D.



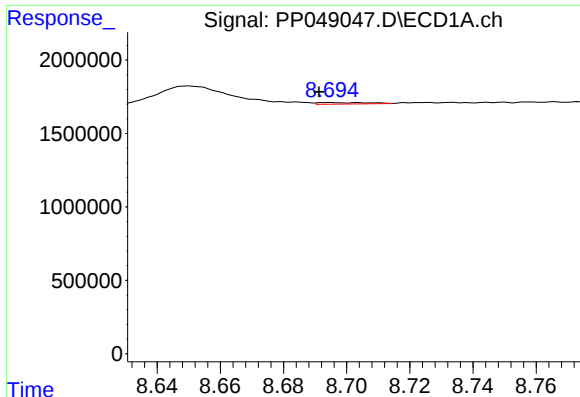
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.599 min
Response: 0
Conc: N.D.



#38 AR-1262-3

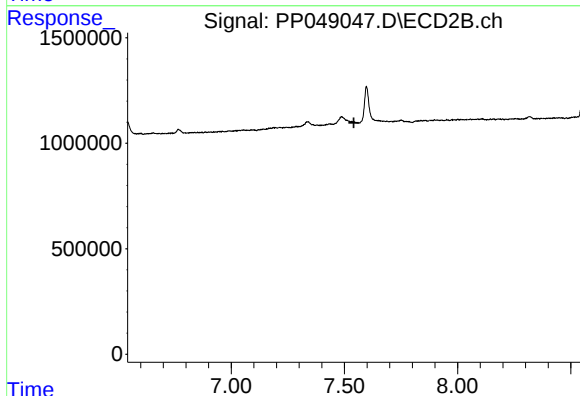
R.T.: 7.489 min
Delta R.T.: 0.011 min
Response: 545199
Conc: 6.69 ng/ml



#39 AR-1262-4

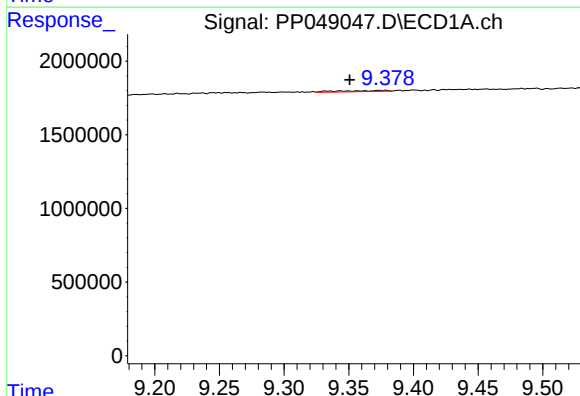
R.T.: 8.694 min
Delta R.T.: 0.003 min
Response: 115066
Conc: 2.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



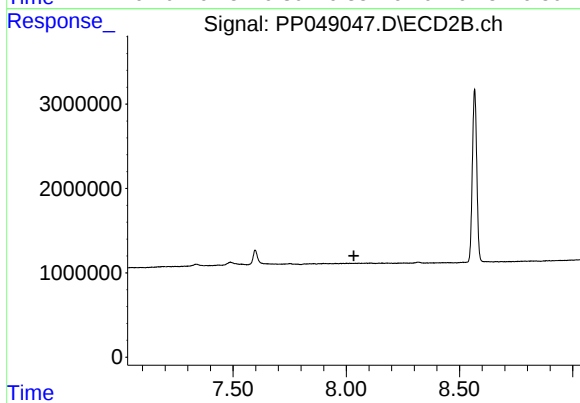
#39 AR-1262-4

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



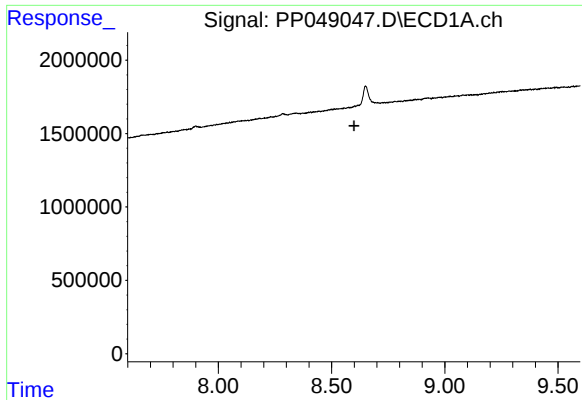
#40 AR-1262-5

R.T.: 9.379 min
Delta R.T.: 0.028 min
Response: 176277
Conc: 2.92 ng/ml



#40 AR-1262-5

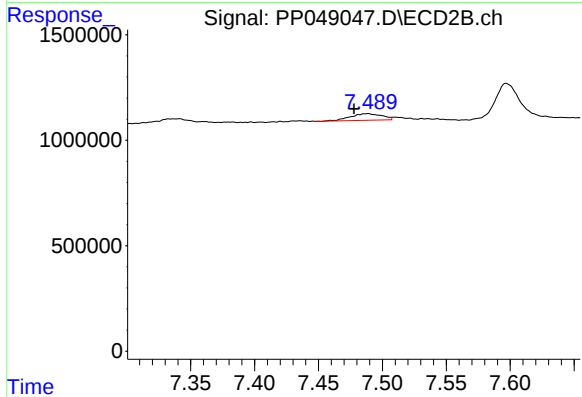
R.T.: 0.000 min
Exp R.T. : 8.034 min
Response: 0
Conc: N.D.



#41 AR-1268-1

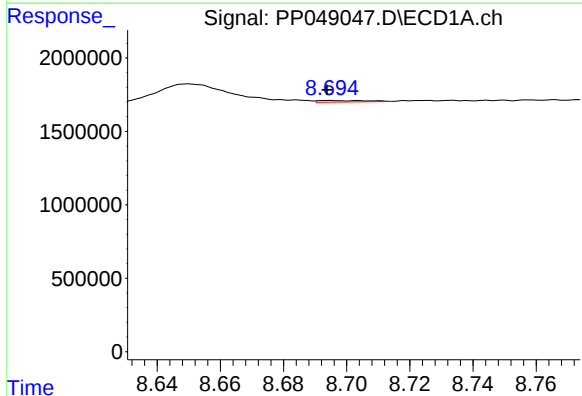
R.T.: 0.000 min
Exp R.T.: 8.599 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



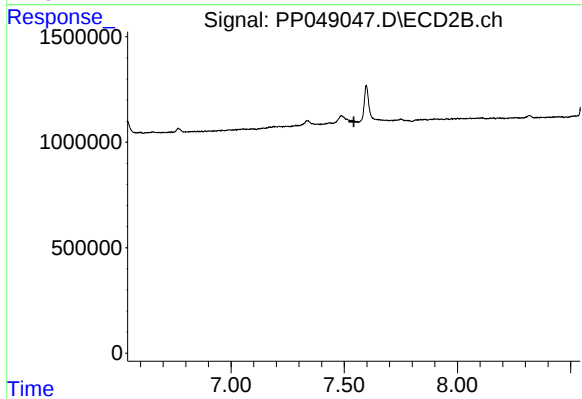
#41 AR-1268-1

R.T.: 7.489 min
Delta R.T.: 0.011 min
Response: 545199
Conc: 2.53 ng/ml



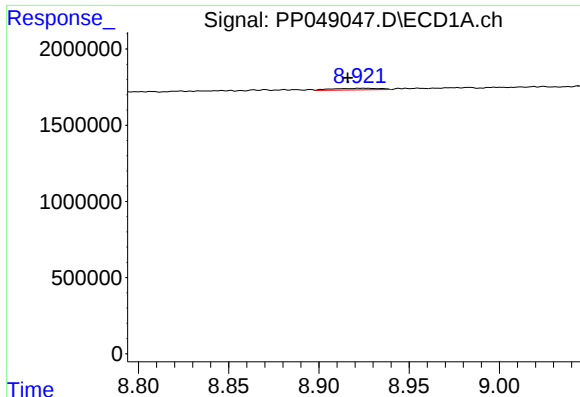
#42 AR-1268-2

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 115066
Conc: 0.66 ng/ml



#42 AR-1268-2

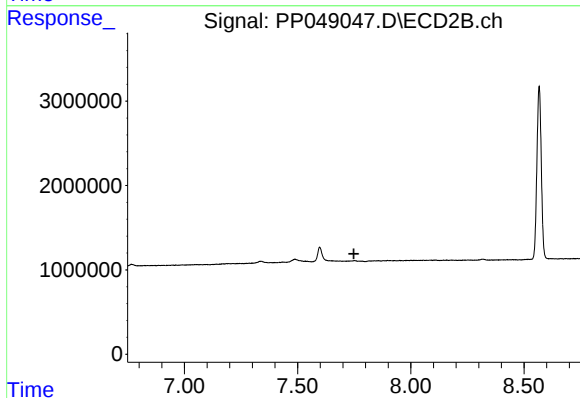
R.T.: 0.000 min
Exp R.T.: 7.543 min
Response: 0
Conc: N.D.



#43 AR-1268-3

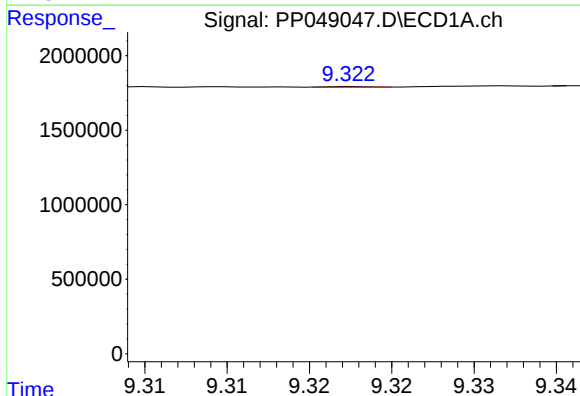
R.T.: 8.925 min
Delta R.T.: 0.009 min
Response: 197073
Conc: 1.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



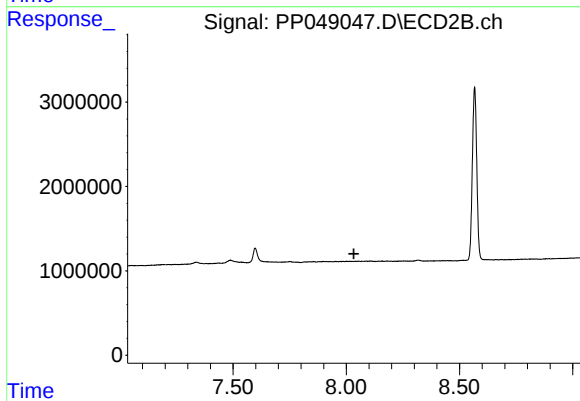
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.748 min
Response: 0
Conc: N.D.



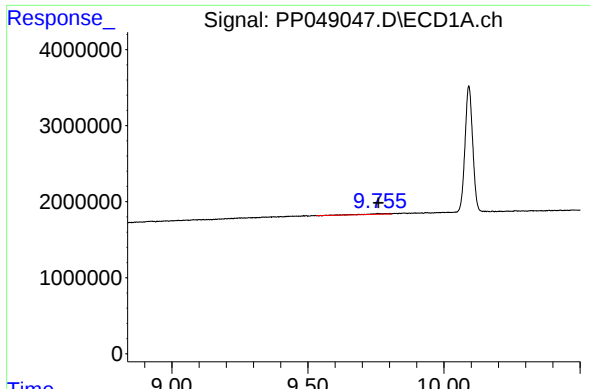
#44 AR-1268-4

R.T.: 9.323 min
Delta R.T.: -0.027 min
Response: 10300
Conc: 0.16 ng/ml



#44 AR-1268-4

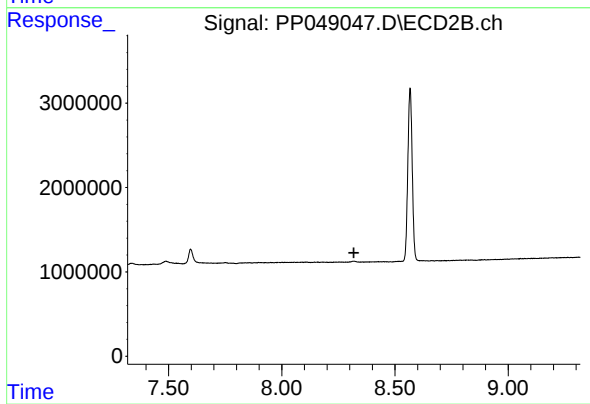
R.T.: 0.000 min
Exp R.T. : 8.034 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.755 min
Delta R.T.: -0.004 min
Response: 547719
Conc: 1.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.318 min
Response: 0
Conc: N.D.