

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062922\
 Data File : PP049016.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 13:01
 Operator : YP\AJ
 Sample : N3214-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 18:43:48 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	3.593	26184357	48372200	18.419	18.891
2)	SA Decachlor...	10.093	8.566	24689704	22877952	20.129	20.296
Target Compounds							
3)	L1 AR-1016-1	5.522	4.668	104240	179052	1.983	1.962
4)	L1 AR-1016-2	5.549	4.688	117100	205478	1.554	1.597
5)	L1 AR-1016-3	5.611	0.000	133341	0	2.739	N.D. #
6)	L1 AR-1016-4	5.708	0.000	51171	0	1.318	N.D. #
7)	L1 AR-1016-5	6.006	5.112	61145	43239	1.603	0.580 #
8)	L2 AR-1221-1	4.564	3.805	580462	722623	34.050	21.529 #
9)	L2 AR-1221-2	4.651	3.890	603796	1365411	47.230	53.189
10)	L2 AR-1221-3	4.722	3.965	895827	1817836	22.637	24.721
11)	L3 AR-1232-1	4.722	3.965	895827	1817836	23.561	26.166
12)	L3 AR-1232-2	5.252	4.688	183291	205478	9.697	3.198 #
13)	L3 AR-1232-3	5.549	0.000	117100	0	3.168	N.D. #
14)	L3 AR-1232-4	5.708	0.000	51171	0	2.677	N.D. #
15)	L3 AR-1232-5	5.800	5.112	78811	43239	5.054	1.208 #
16)	L4 AR-1242-1	5.522	4.668	104240	179052	2.572	2.490
17)	L4 AR-1242-2	5.549	4.688	117100	205478	2.033	2.029
18)	L4 AR-1242-3	5.611	0.000	133341	0	3.683	N.D. #
19)	L4 AR-1242-4	5.708	0.000	51171	0	1.739	N.D. #
20)	L4 AR-1242-5	6.452	5.491f	65235	357579	1.955	5.136 #
21)	L5 AR-1248-1	5.522	4.668	104240	179052	3.241	3.081
22)	L5 AR-1248-2	5.800	0.000	78811	0	1.695	N.D. #
23)	L5 AR-1248-3	6.006	0.000	61145	0	1.142	N.D. #
24)	L5 AR-1248-4	6.420	5.112	28196	43239	0.456	0.438
25)	L5 AR-1248-5	6.452	5.491f	65235	357579	1.132	3.565 #
26)	L6 AR-1254-1	6.386	5.491f	346401	357579	5.139	2.436 #
27)	L6 AR-1254-2	6.605	0.000	123524	0	1.317	N.D. #
28)	L6 AR-1254-3	6.986f	0.000	420600	0	4.145	N.D. #
29)	L6 AR-1254-4	7.273f	0.000	70689	0	0.942	N.D. #
31)	L7 AR-1260-1	7.149f	0.000	114213	0	1.570	N.D. #
32)	L7 AR-1260-2	7.404f	6.320	23044	324595	0.274	2.420 #
33)	L7 AR-1260-3	7.751	0.000	123622	0	2.210	N.D. #
35)	L7 AR-1260-5	8.288	0.000	322714	0	2.355	N.D. #
36)	L8 AR-1262-1	7.751	0.000	123622	0	1.319	N.D. #
37)	L8 AR-1262-2	8.288	0.000	322714	0	1.886	N.D. #
38)	L8 AR-1262-3	0.000	7.489	0	913484	N.D.	11.211 #
39)	L8 AR-1262-4	8.719f	0.000	28120	0	0.599	N.D. #
40)	L8 AR-1262-5	9.360	0.000	198375	0	3.281	N.D. #
41)	L9 AR-1268-1	0.000	7.489	0	913484	N.D.	4.246 #
42)	L9 AR-1268-2	8.719f	0.000	28120	0	0.161	N.D. #
43)	L9 AR-1268-3	8.924	0.000	128614	0	0.898	N.D. #

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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	9.360	0.000	198375	0	3.097	N.D. #
45) L9	AR-1268-5	9.754	8.317	72791	39724	0.158	0.100 #

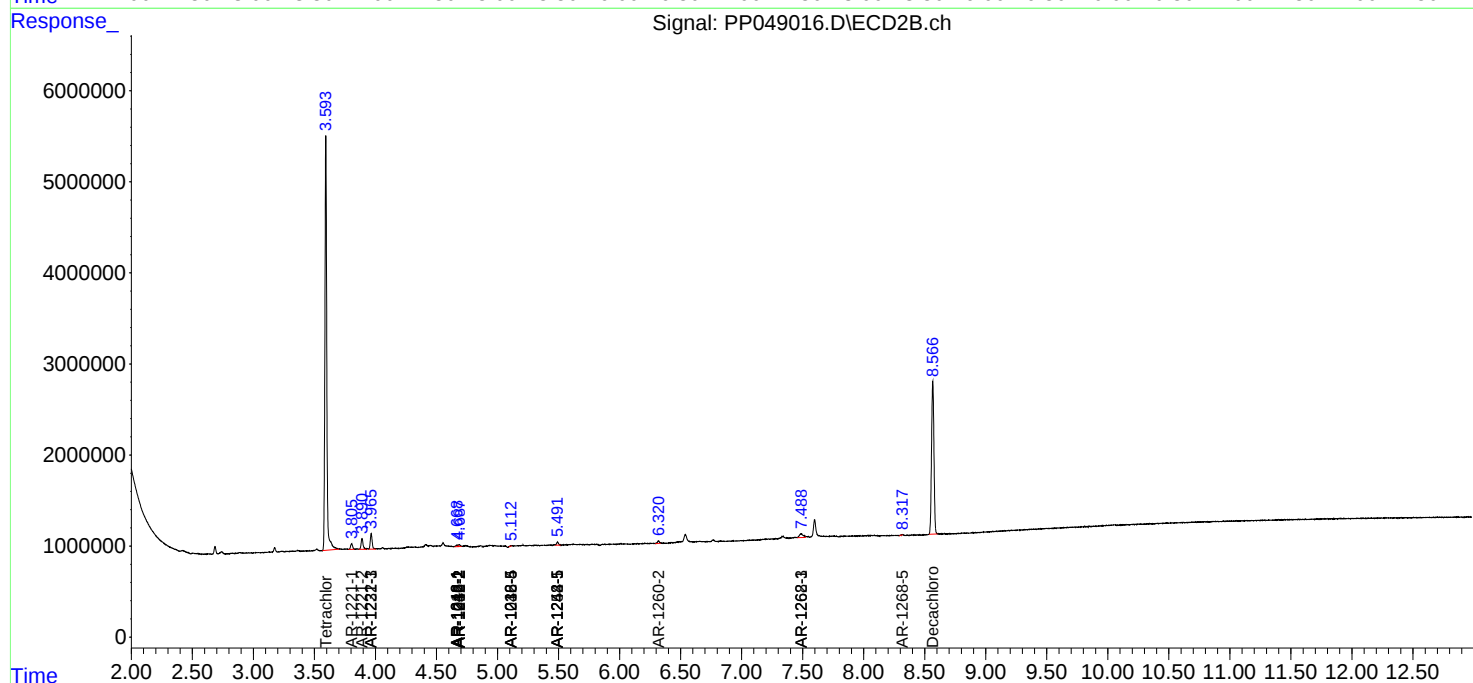
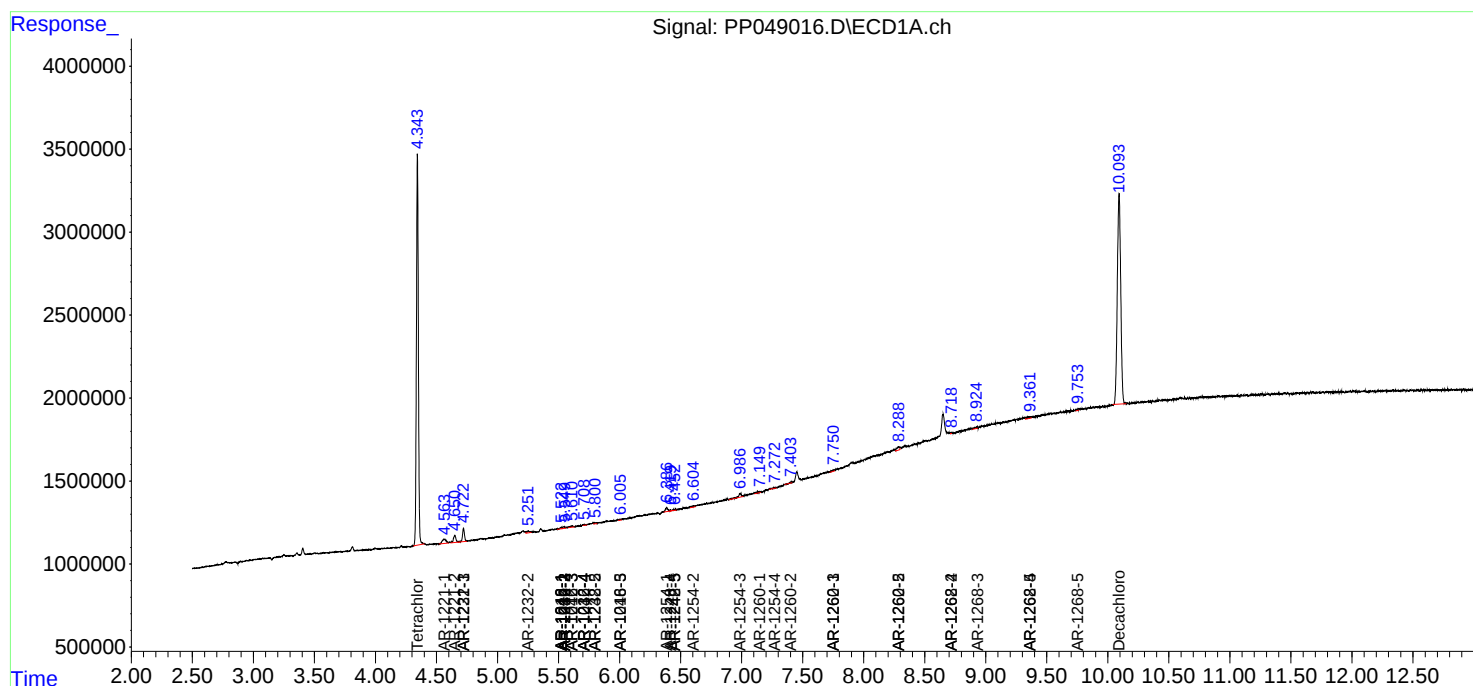
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

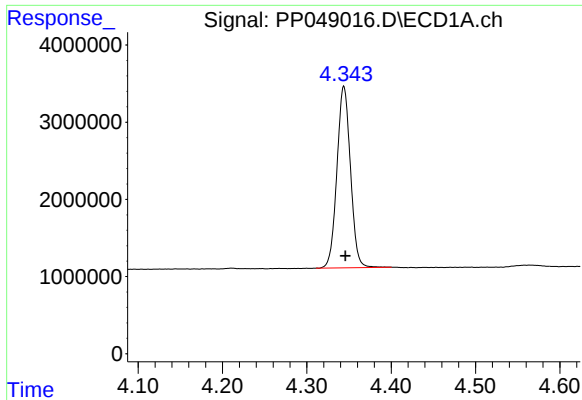
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062922\
Data File : PP049016.D
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Sample : N3214-01
Misc : AR1221 LOD 25 PPB
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

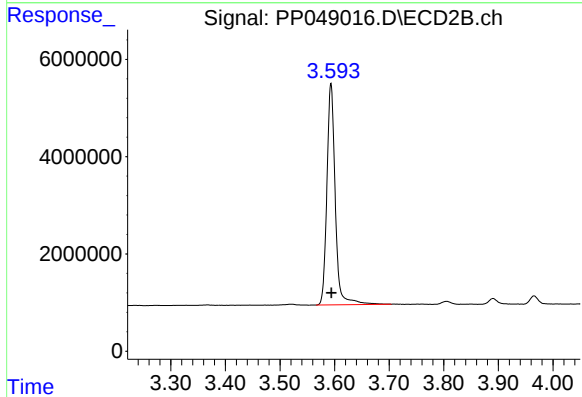




#1 Tetrachloro-m-xylene

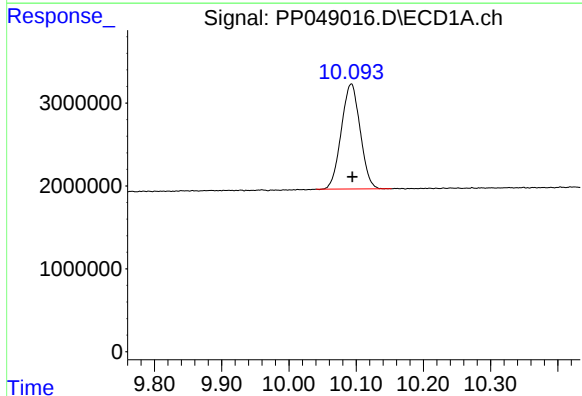
R.T.: 4.344 min
Delta R.T.: -0.002 min
Response: 26184357
Conc: 18.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



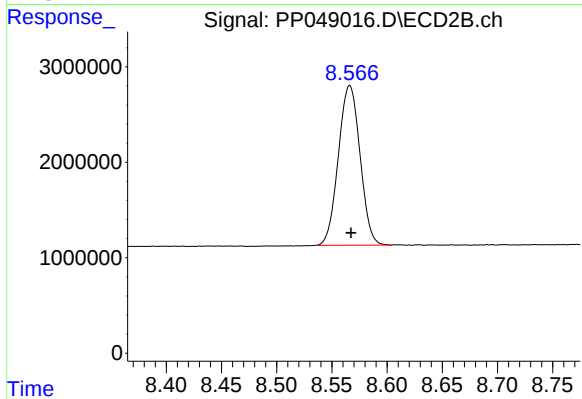
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 48372200
Conc: 18.89 ng/ml



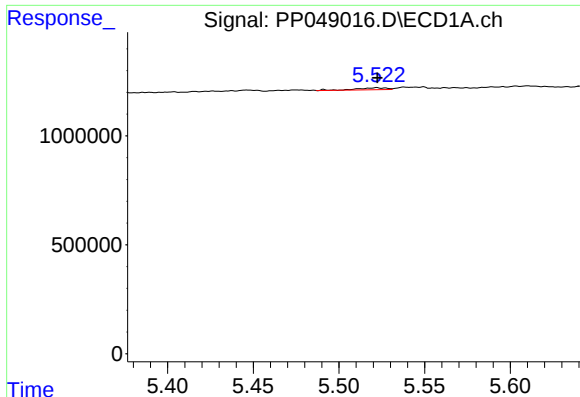
#2 Decachlorobiphenyl

R.T.: 10.093 min
Delta R.T.: -0.001 min
Response: 24689704
Conc: 20.13 ng/ml



#2 Decachlorobiphenyl

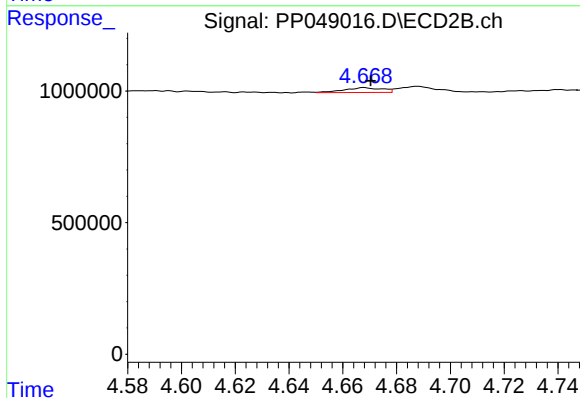
R.T.: 8.566 min
Delta R.T.: -0.001 min
Response: 22877952
Conc: 20.30 ng/ml



#3 AR-1016-1

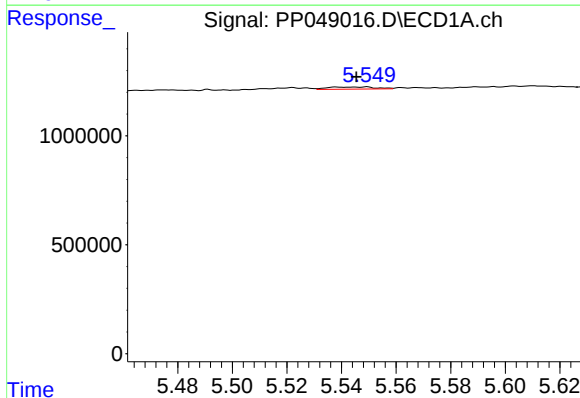
R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 104240
Conc: 1.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



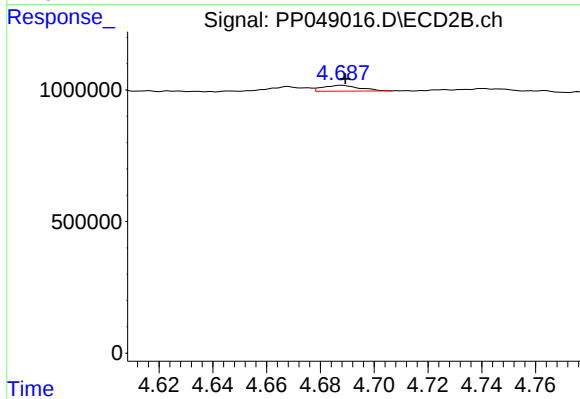
#3 AR-1016-1

R.T.: 4.668 min
Delta R.T.: -0.002 min
Response: 179052
Conc: 1.96 ng/ml



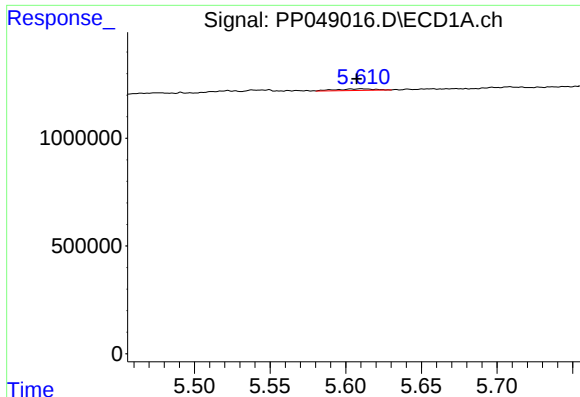
#4 AR-1016-2

R.T.: 5.549 min
Delta R.T.: 0.003 min
Response: 117100
Conc: 1.55 ng/ml



#4 AR-1016-2

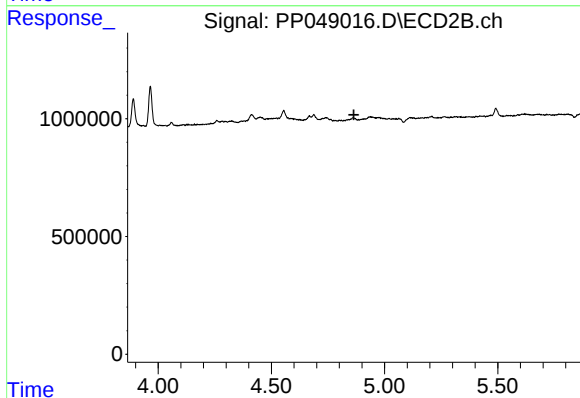
R.T.: 4.688 min
Delta R.T.: -0.001 min
Response: 205478
Conc: 1.60 ng/ml



#5 AR-1016-3

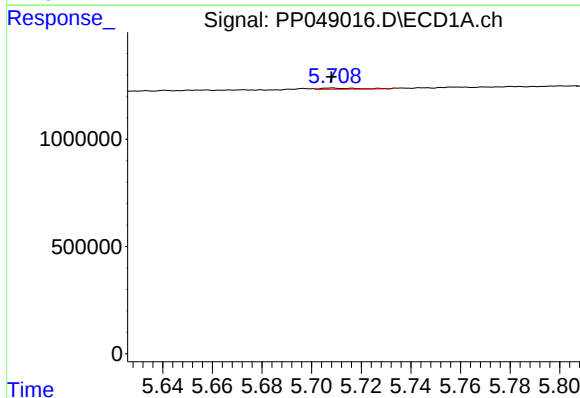
R.T.: 5.611 min
Delta R.T.: 0.003 min
Response: 133341
Conc: 2.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



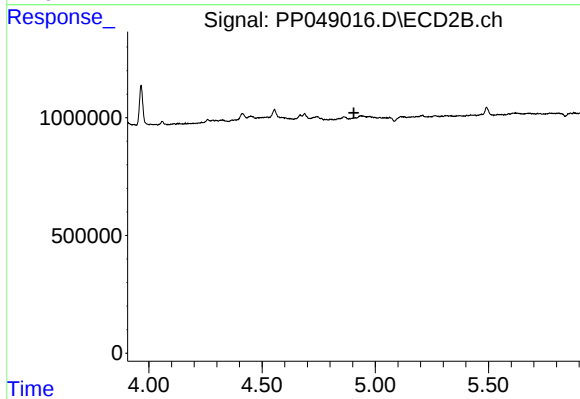
#5 AR-1016-3

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



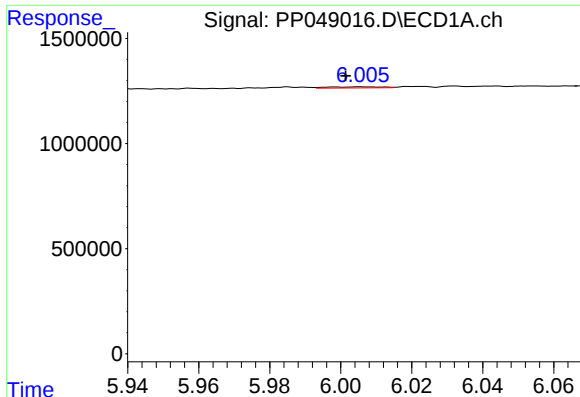
#6 AR-1016-4

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 51171
Conc: 1.32 ng/ml



#6 AR-1016-4

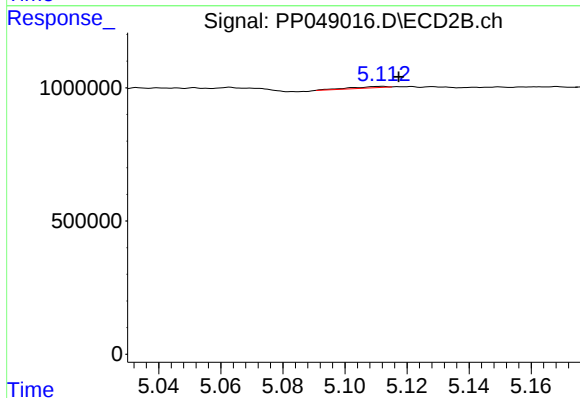
R.T.: 0.000 min
Exp R.T. : 4.905 min
Response: 0
Conc: N.D.



#7 AR-1016-5

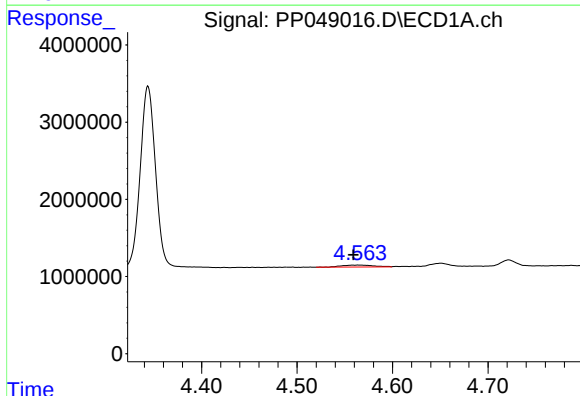
R.T.: 6.006 min
Delta R.T.: 0.004 min
Response: 61145
Conc: 1.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



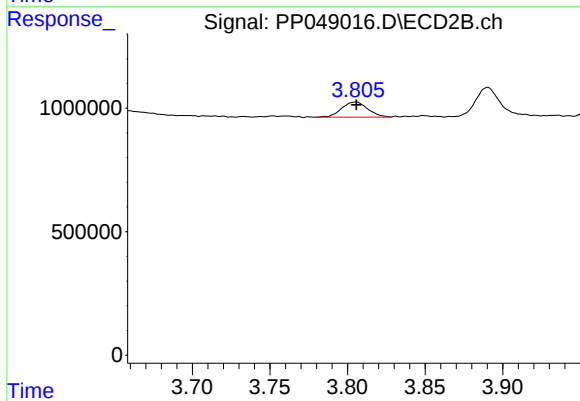
#7 AR-1016-5

R.T.: 5.112 min
Delta R.T.: -0.005 min
Response: 43239
Conc: 0.58 ng/ml



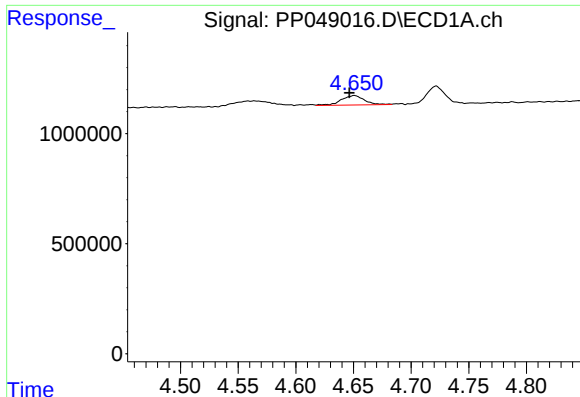
#8 AR-1221-1

R.T.: 4.564 min
Delta R.T.: 0.005 min
Response: 580462
Conc: 34.05 ng/ml



#8 AR-1221-1

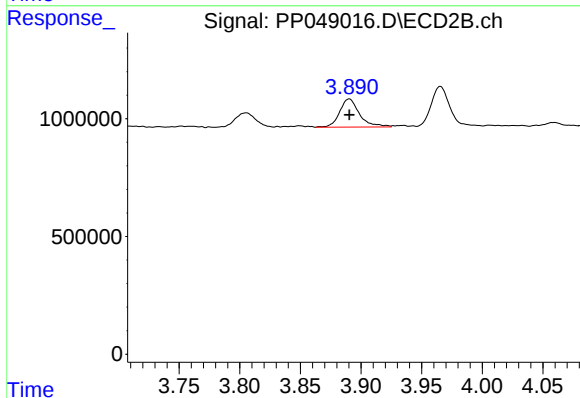
R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 722623
Conc: 21.53 ng/ml



#9 AR-1221-2

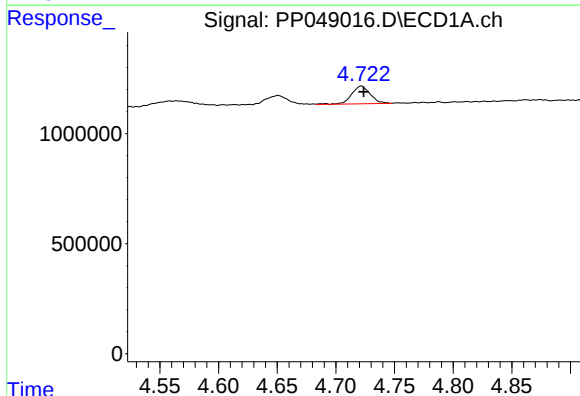
R.T.: 4.651 min
Delta R.T.: 0.004 min
Response: 603796
Conc: 47.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



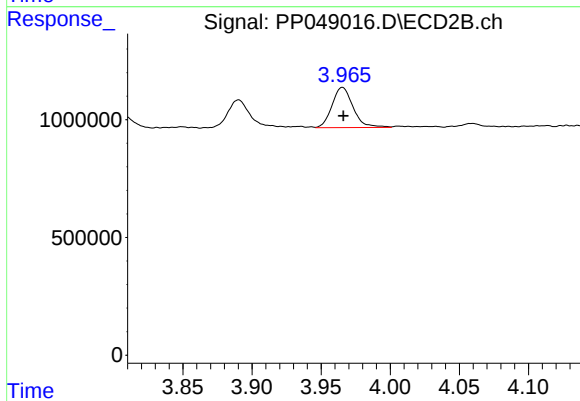
#9 AR-1221-2

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 1365411
Conc: 53.19 ng/ml



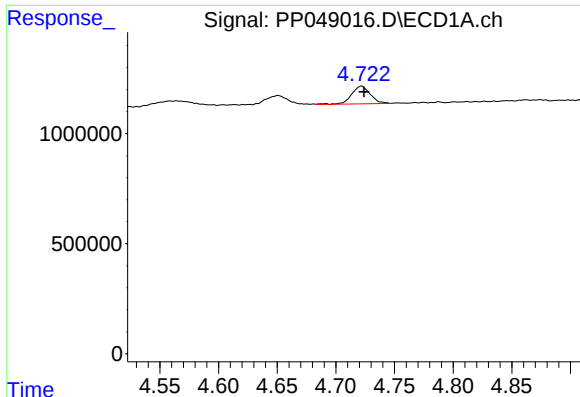
#10 AR-1221-3

R.T.: 4.722 min
Delta R.T.: -0.002 min
Response: 895827
Conc: 22.64 ng/ml



#10 AR-1221-3

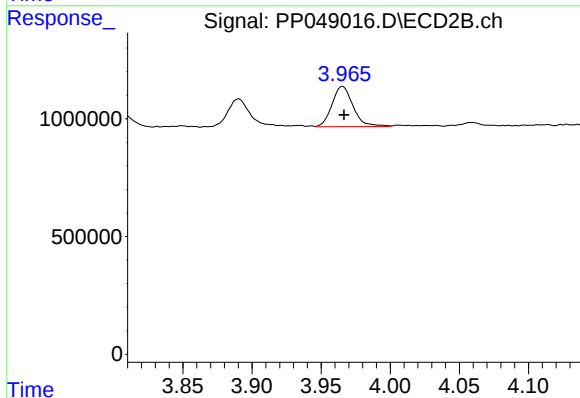
R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 1817836
Conc: 24.72 ng/ml



#11 AR-1232-1

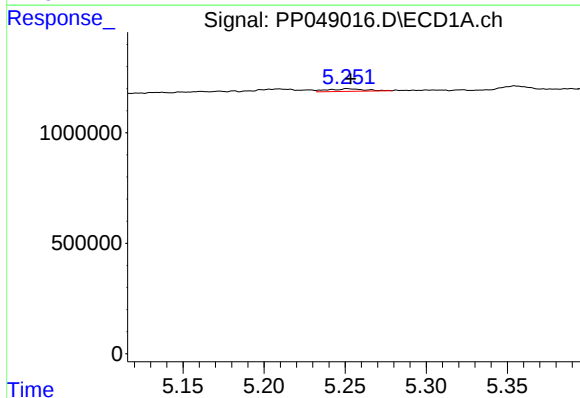
R.T.: 4.722 min
Delta R.T.: -0.002 min
Response: 895827
Conc: 23.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



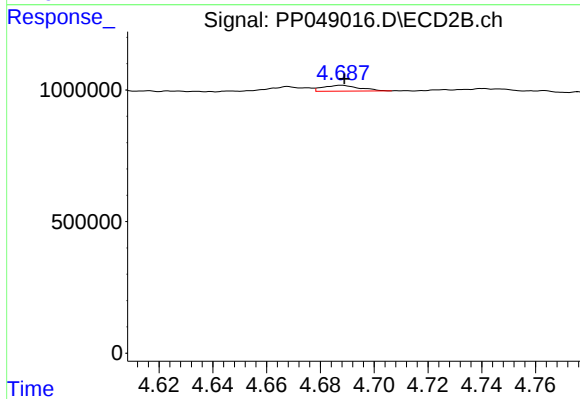
#11 AR-1232-1

R.T.: 3.965 min
Delta R.T.: -0.001 min
Response: 1817836
Conc: 26.17 ng/ml



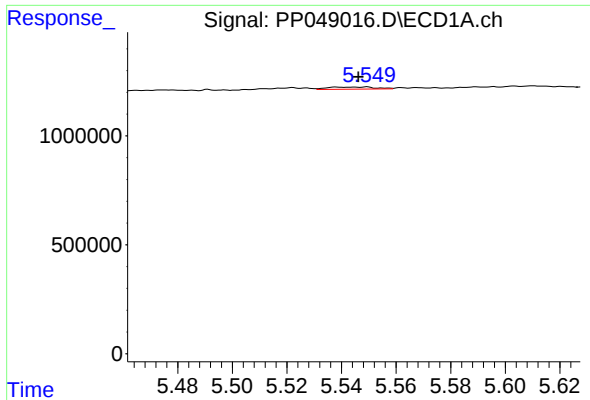
#12 AR-1232-2

R.T.: 5.252 min
Delta R.T.: -0.002 min
Response: 183291
Conc: 9.70 ng/ml



#12 AR-1232-2

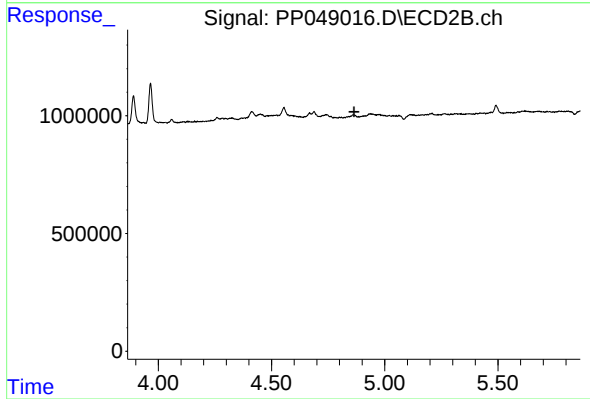
R.T.: 4.688 min
Delta R.T.: -0.001 min
Response: 205478
Conc: 3.20 ng/ml



#13 AR-1232-3

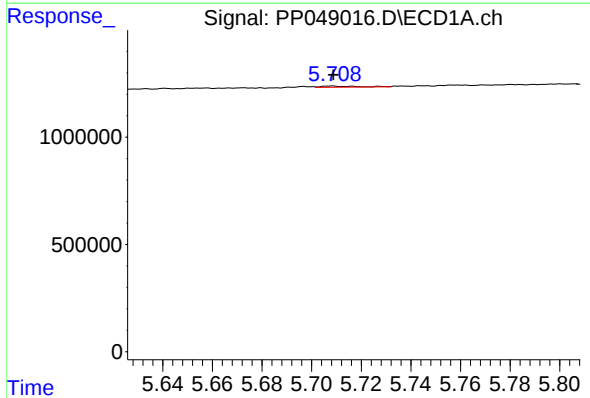
R.T.: 5.549 min
Delta R.T.: 0.002 min
Response: 117100
Conc: 3.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



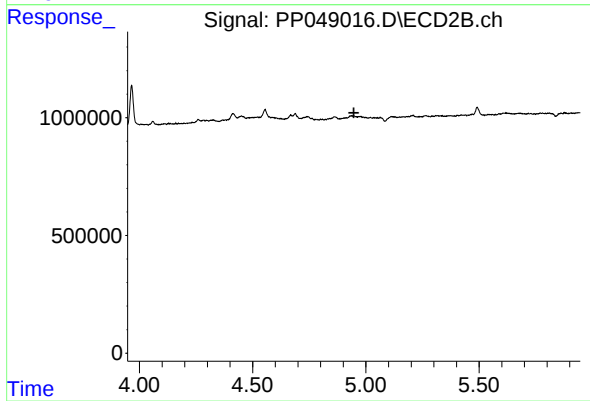
#13 AR-1232-3

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



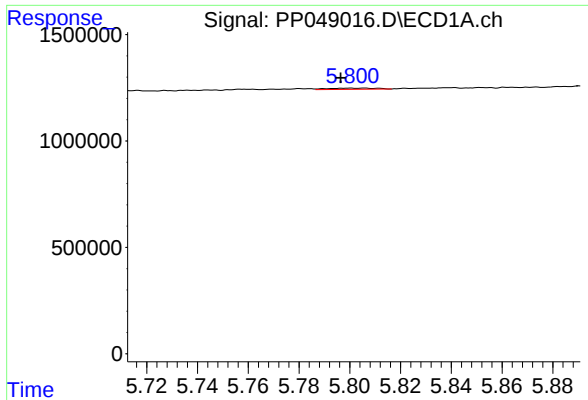
#14 AR-1232-4

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 51171
Conc: 2.68 ng/ml



#14 AR-1232-4

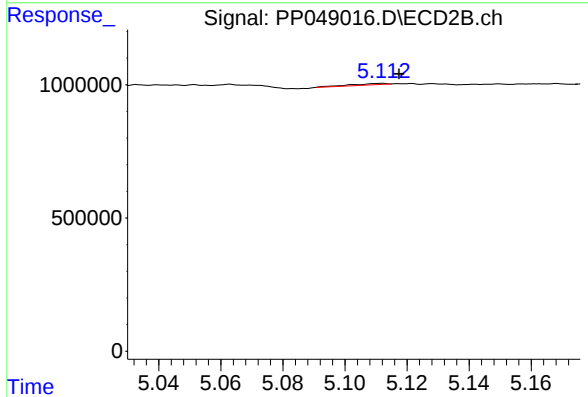
R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#15 AR-1232-5

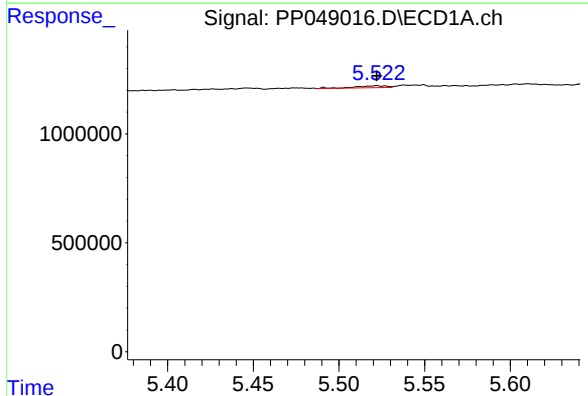
R.T.: 5.800 min
Delta R.T.: 0.004 min
Response: 78811
Conc: 5.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



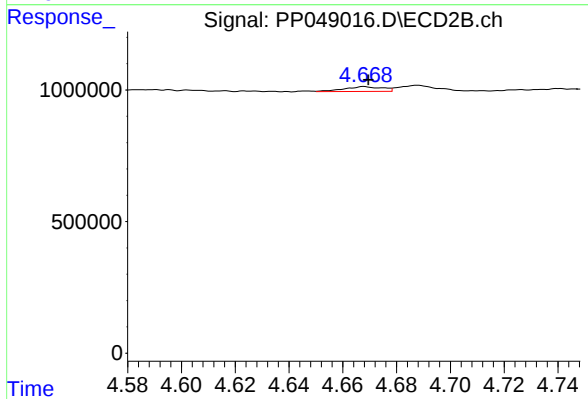
#15 AR-1232-5

R.T.: 5.112 min
Delta R.T.: -0.006 min
Response: 43239
Conc: 1.21 ng/ml



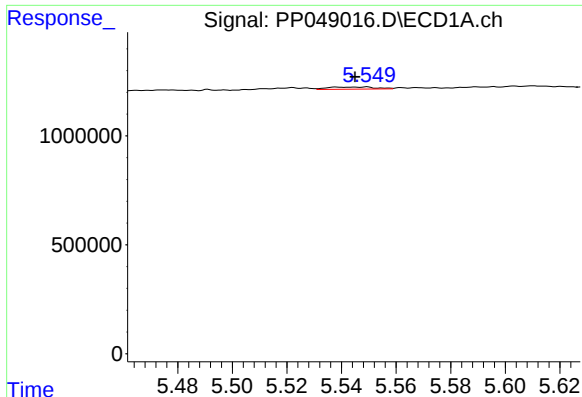
#16 AR-1242-1

R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 104240
Conc: 2.57 ng/ml



#16 AR-1242-1

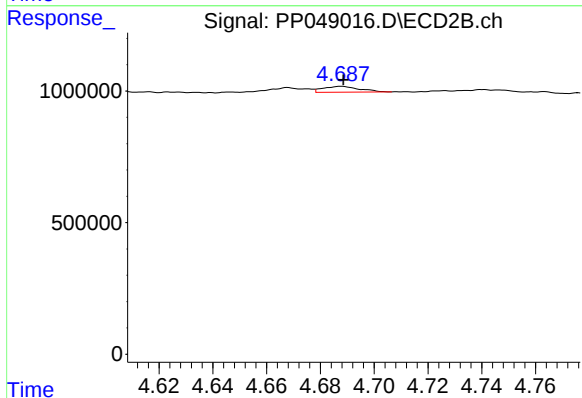
R.T.: 4.668 min
Delta R.T.: -0.002 min
Response: 179052
Conc: 2.49 ng/ml



#17 AR-1242-2

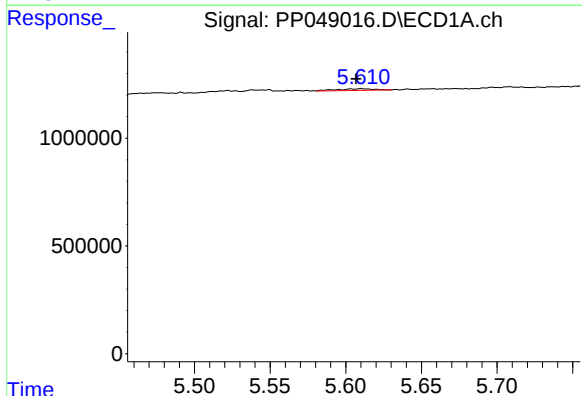
R.T.: 5.549 min
Delta R.T.: 0.004 min
Response: 117100
Conc: 2.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



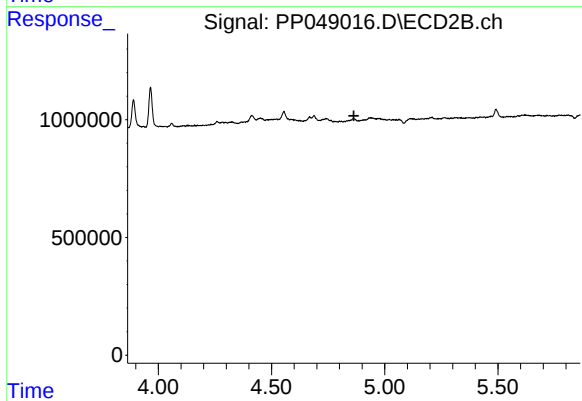
#17 AR-1242-2

R.T.: 4.688 min
Delta R.T.: 0.000 min
Response: 205478
Conc: 2.03 ng/ml



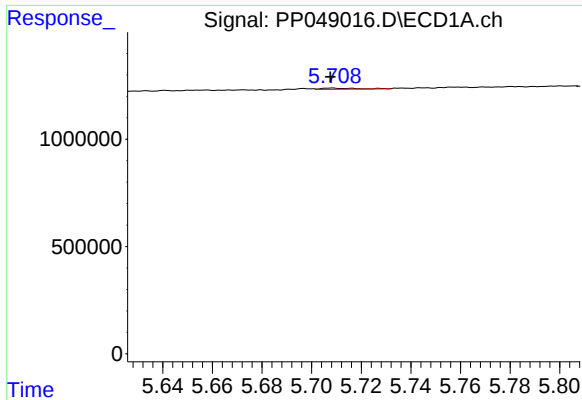
#18 AR-1242-3

R.T.: 5.611 min
Delta R.T.: 0.004 min
Response: 133341
Conc: 3.68 ng/ml



#18 AR-1242-3

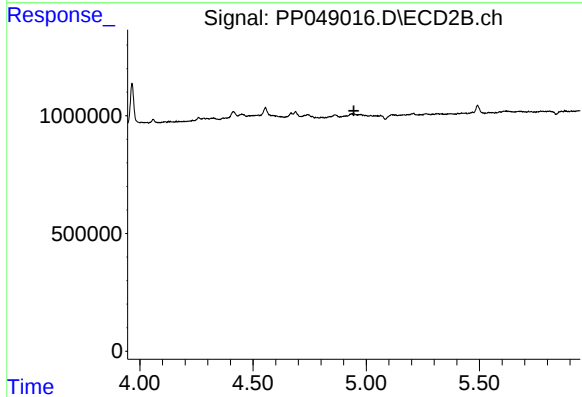
R.T.: 0.000 min
Exp R.T.: 4.863 min
Response: 0
Conc: N.D.



#19 AR-1242-4

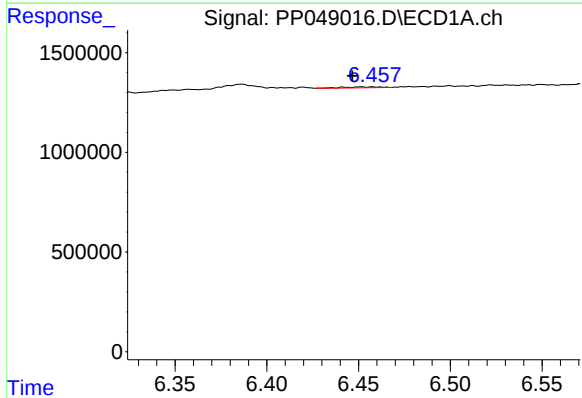
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 51171
Conc: 1.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



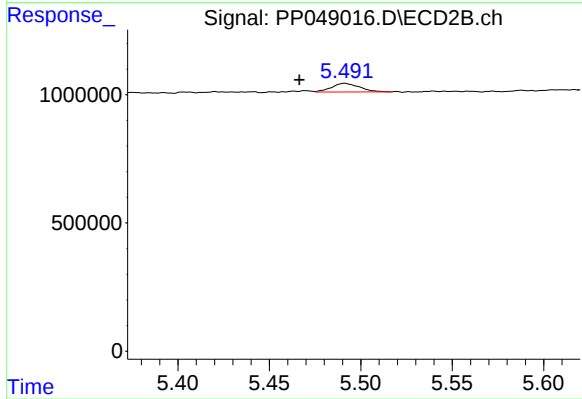
#19 AR-1242-4

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



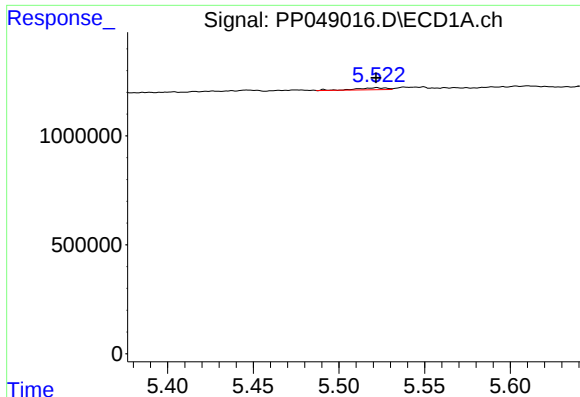
#20 AR-1242-5

R.T.: 6.452 min
Delta R.T.: 0.005 min
Response: 65235
Conc: 1.95 ng/ml



#20 AR-1242-5

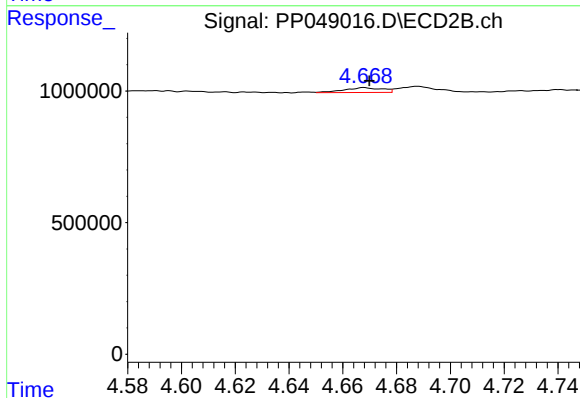
R.T.: 5.491 min
Delta R.T.: 0.025 min
Response: 357579
Conc: 5.14 ng/ml



#21 AR-1248-1

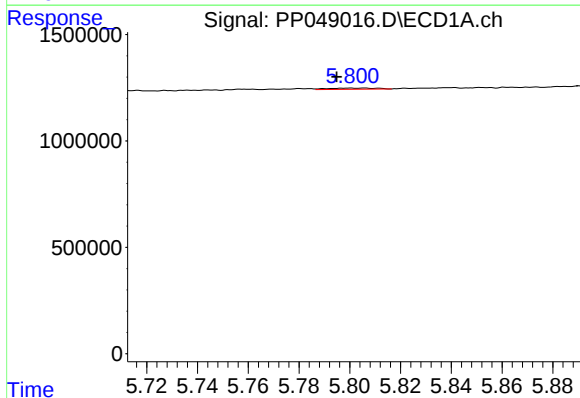
R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 104240
Conc: 3.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



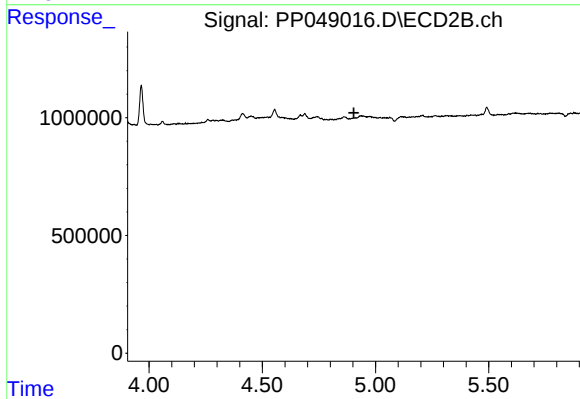
#21 AR-1248-1

R.T.: 4.668 min
Delta R.T.: -0.002 min
Response: 179052
Conc: 3.08 ng/ml



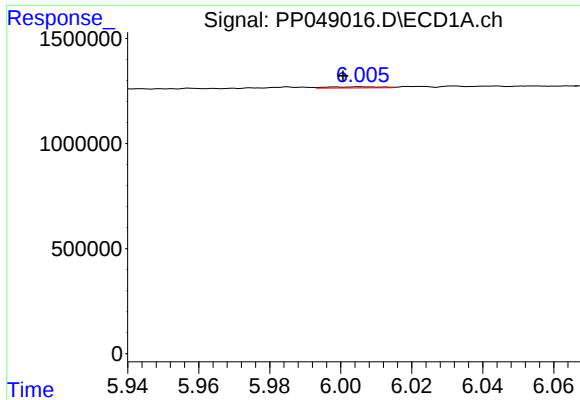
#22 AR-1248-2

R.T.: 5.800 min
Delta R.T.: 0.005 min
Response: 78811
Conc: 1.70 ng/ml



#22 AR-1248-2

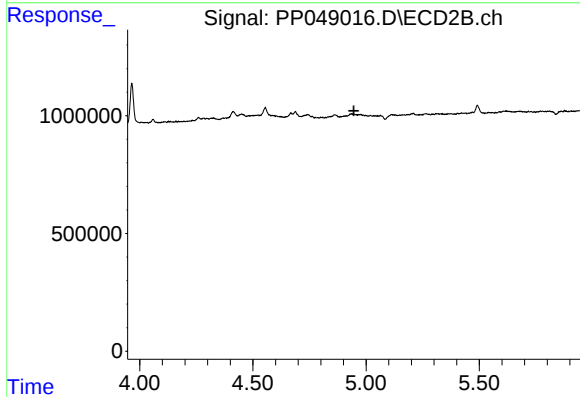
R.T.: 0.000 min
Exp R.T.: 4.905 min
Response: 0
Conc: N.D.



#23 AR-1248-3

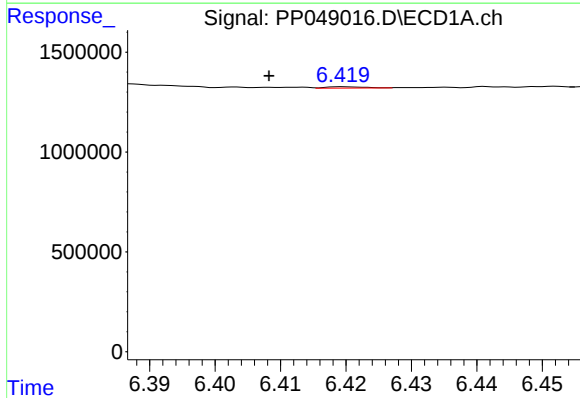
R.T.: 6.006 min
Delta R.T.: 0.005 min
Response: 61145
Conc: 1.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



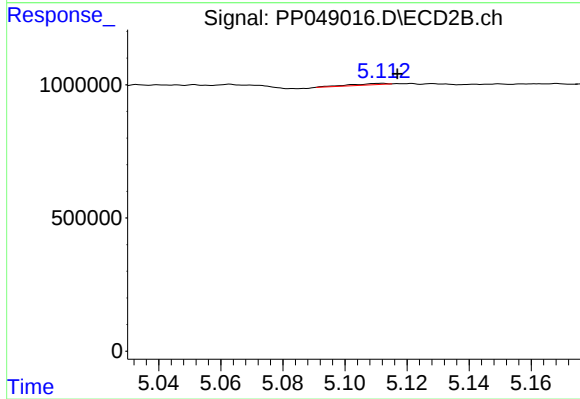
#23 AR-1248-3

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



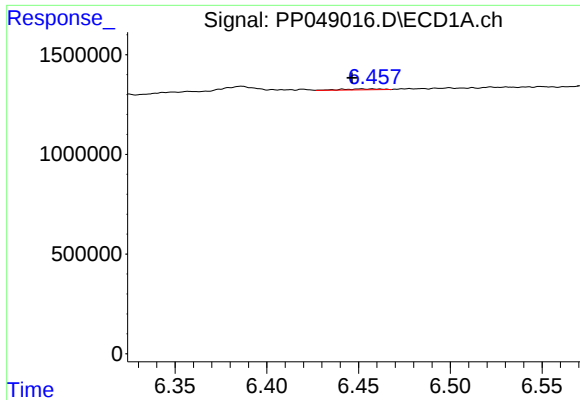
#24 AR-1248-4

R.T.: 6.420 min
Delta R.T.: 0.012 min
Response: 28196
Conc: 0.46 ng/ml



#24 AR-1248-4

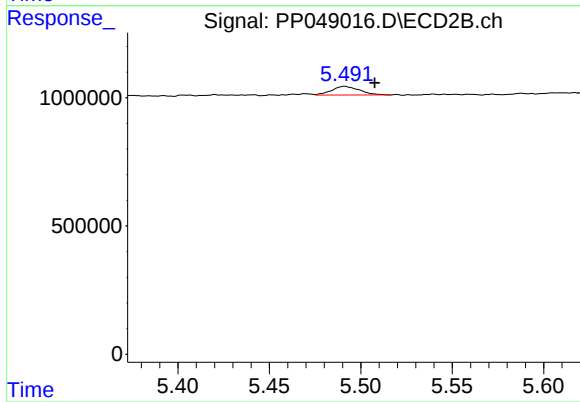
R.T.: 5.112 min
Delta R.T.: -0.005 min
Response: 43239
Conc: 0.44 ng/ml



#25 AR-1248-5

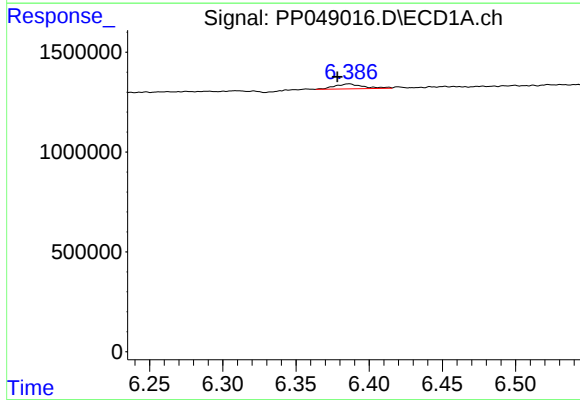
R.T.: 6.452 min
Delta R.T.: 0.005 min
Response: 65235
Conc: 1.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



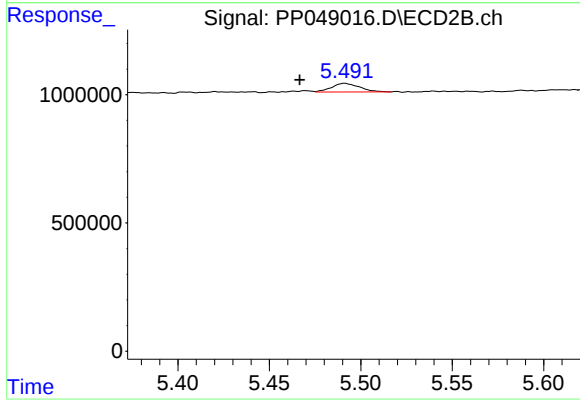
#25 AR-1248-5

R.T.: 5.491 min
Delta R.T.: -0.016 min
Response: 357579
Conc: 3.56 ng/ml



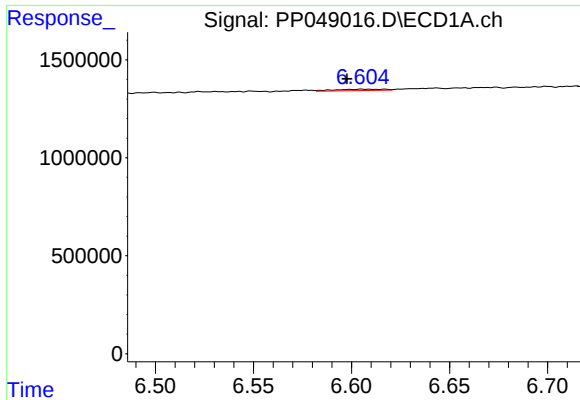
#26 AR-1254-1

R.T.: 6.386 min
Delta R.T.: 0.008 min
Response: 346401
Conc: 5.14 ng/ml



#26 AR-1254-1

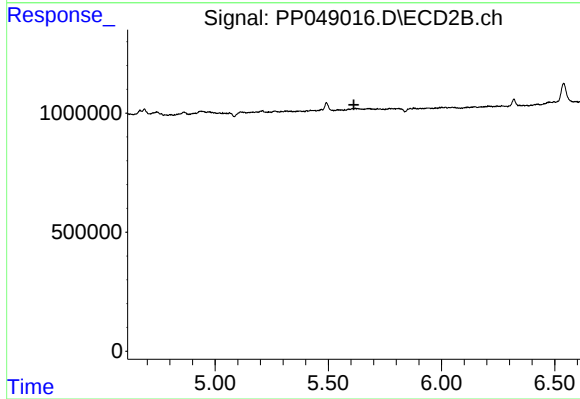
R.T.: 5.491 min
Delta R.T.: 0.025 min
Response: 357579
Conc: 2.44 ng/ml



#27 AR-1254-2

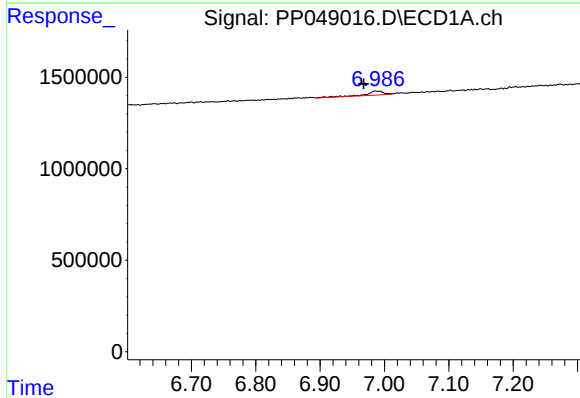
R.T.: 6.605 min
Delta R.T.: 0.008 min
Response: 123524
Conc: 1.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



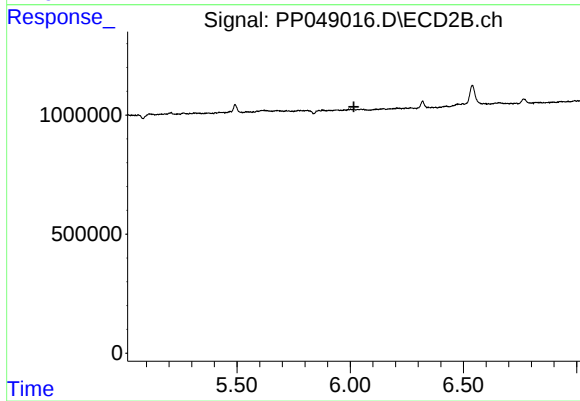
#27 AR-1254-2

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



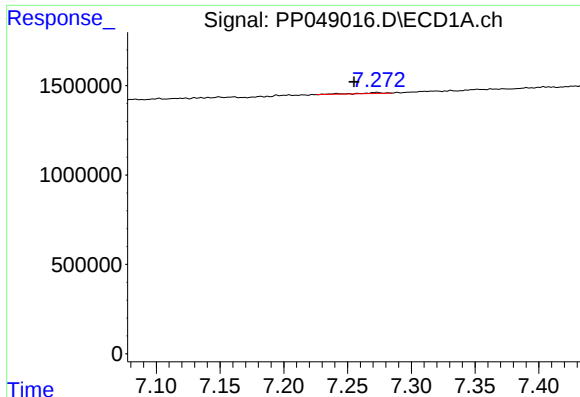
#28 AR-1254-3

R.T.: 6.986 min
Delta R.T.: 0.018 min
Response: 420600
Conc: 4.15 ng/ml



#28 AR-1254-3

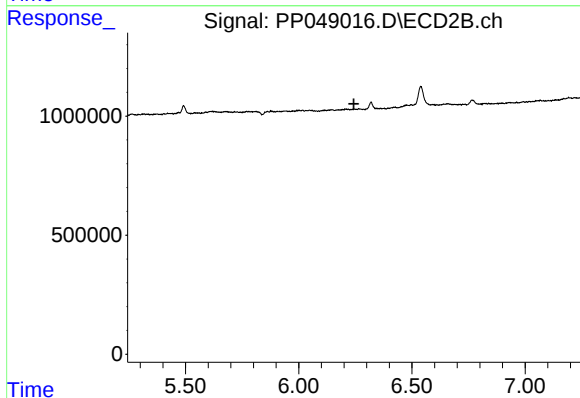
R.T.: 0.000 min
Exp R.T. : 6.016 min
Response: 0
Conc: N.D.



#29 AR-1254-4

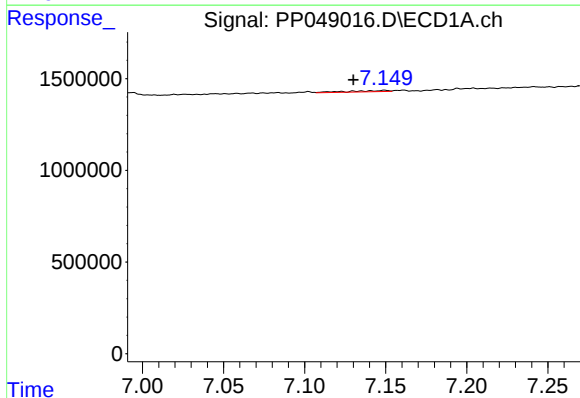
R.T.: 7.273 min
Delta R.T.: 0.018 min
Response: 70689
Conc: 0.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



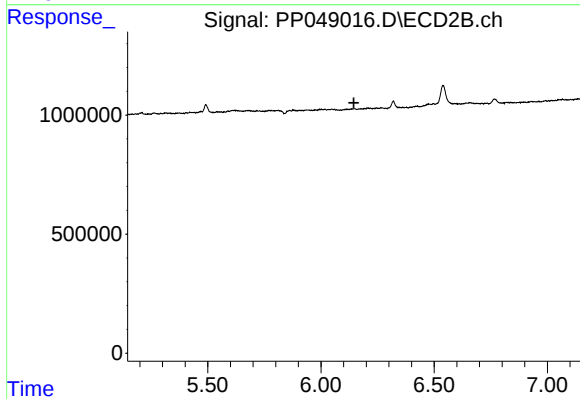
#29 AR-1254-4

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



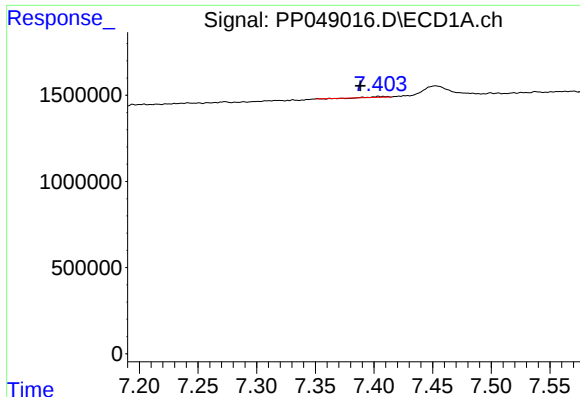
#31 AR-1260-1

R.T.: 7.149 min
Delta R.T.: 0.019 min
Response: 114213
Conc: 1.57 ng/ml



#31 AR-1260-1

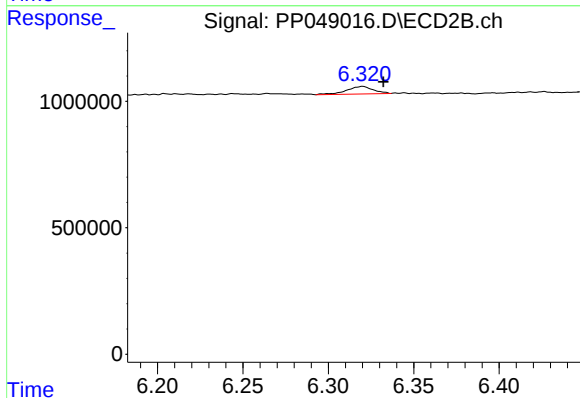
R.T.: 0.000 min
Exp R.T. : 6.145 min
Response: 0
Conc: N.D.



#32 AR-1260-2

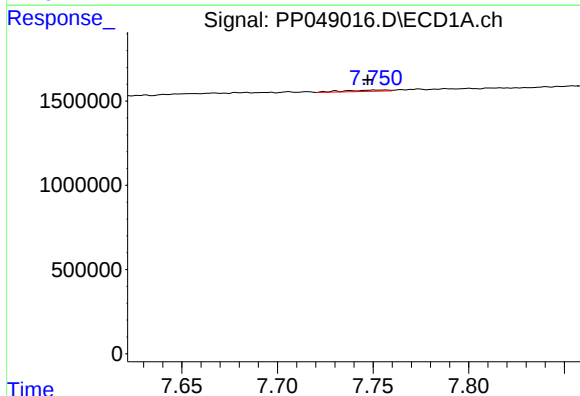
R.T.: 7.404 min
Delta R.T.: 0.016 min
Response: 23044
Conc: 0.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



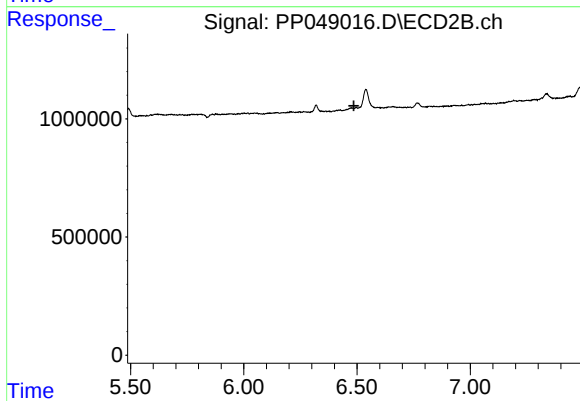
#32 AR-1260-2

R.T.: 6.320 min
Delta R.T.: -0.012 min
Response: 324595
Conc: 2.42 ng/ml



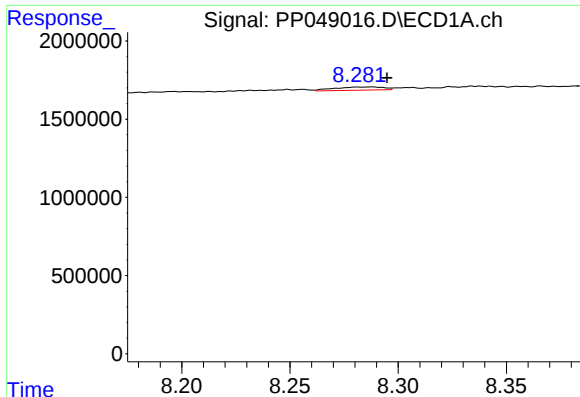
#33 AR-1260-3

R.T.: 7.751 min
Delta R.T.: 0.004 min
Response: 123622
Conc: 2.21 ng/ml



#33 AR-1260-3

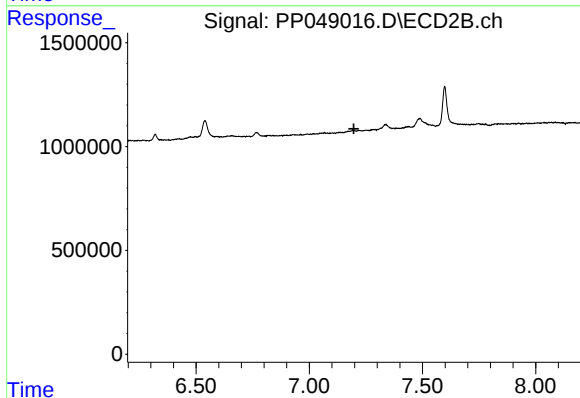
R.T.: 0.000 min
Exp R.T.: 6.486 min
Response: 0
Conc: N.D.



#35 AR-1260-5

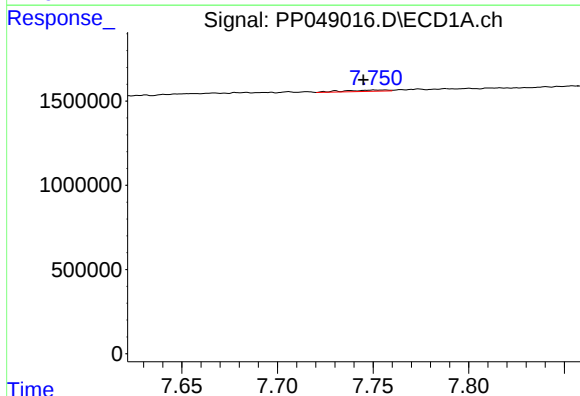
R.T.: 8.288 min
Delta R.T.: -0.007 min
Response: 322714
Conc: 2.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



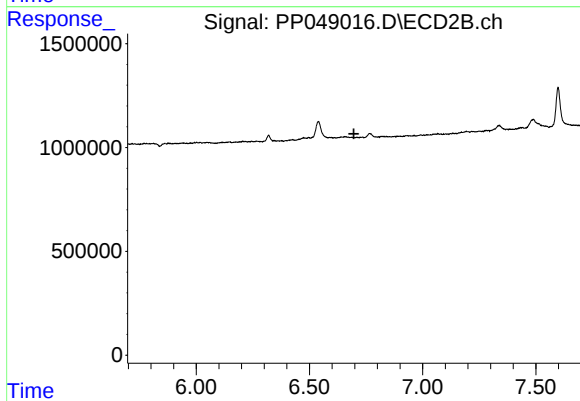
#35 AR-1260-5

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



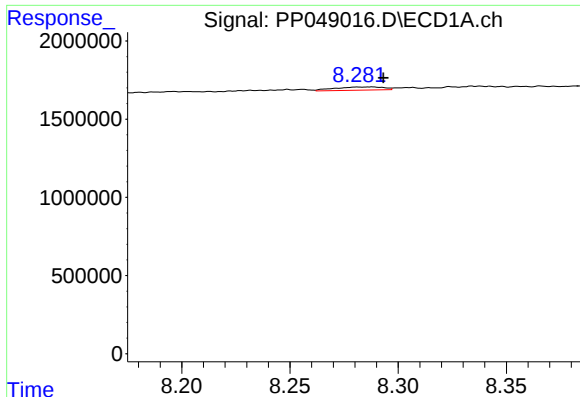
#36 AR-1262-1

R.T.: 7.751 min
Delta R.T.: 0.006 min
Response: 123622
Conc: 1.32 ng/ml



#36 AR-1262-1

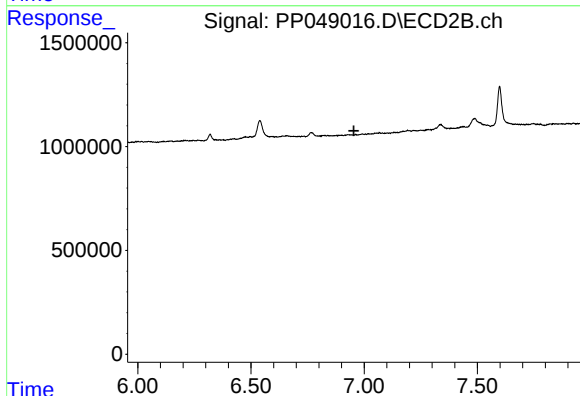
R.T.: 0.000 min
Exp R.T. : 6.696 min
Response: 0
Conc: N.D.



#37 AR-1262-2

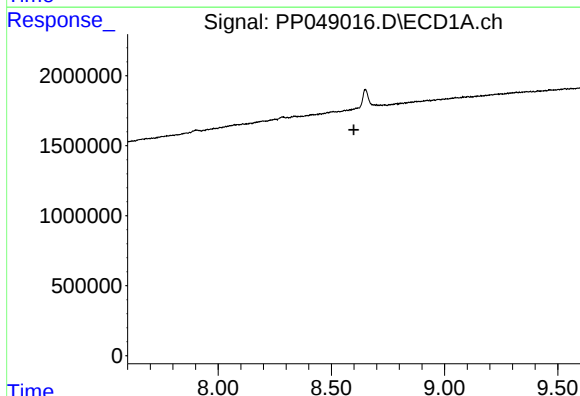
R.T.: 8.288 min
Delta R.T.: -0.006 min
Response: 322714
Conc: 1.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



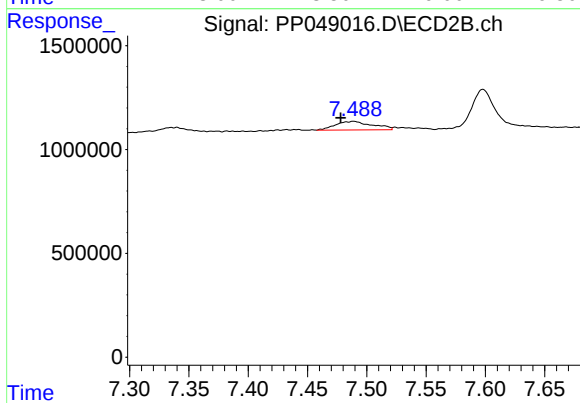
#37 AR-1262-2

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



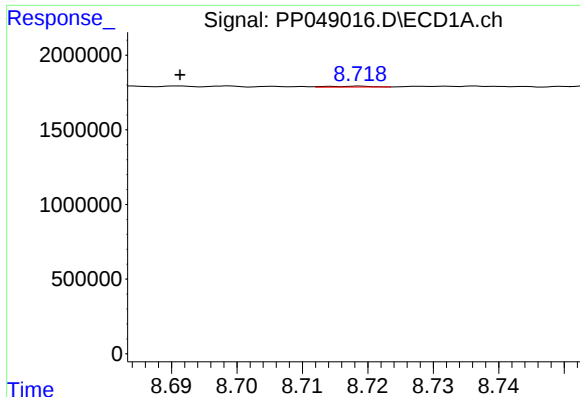
#38 AR-1262-3

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



#38 AR-1262-3

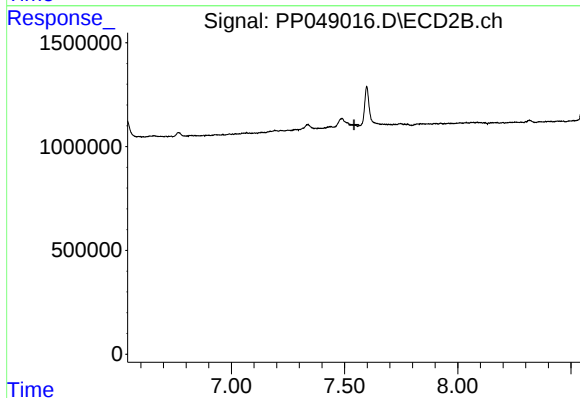
R.T.: 7.489 min
Delta R.T.: 0.011 min
Response: 913484
Conc: 11.21 ng/ml



#39 AR-1262-4

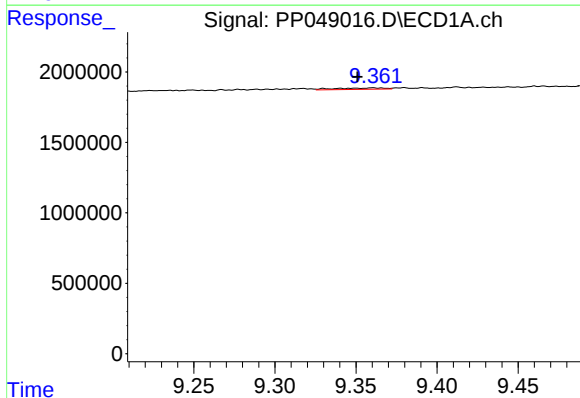
R.T.: 8.719 min
Delta R.T.: 0.027 min
Response: 28120
Conc: 0.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



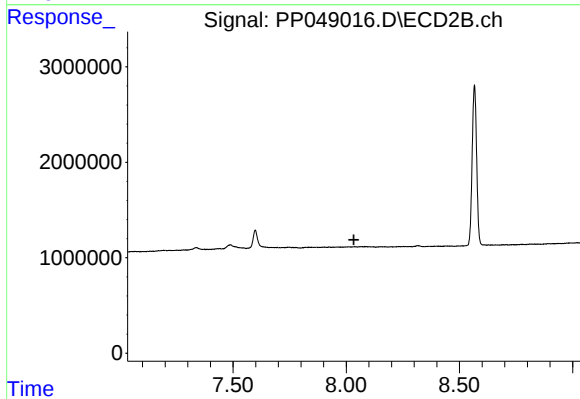
#39 AR-1262-4

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



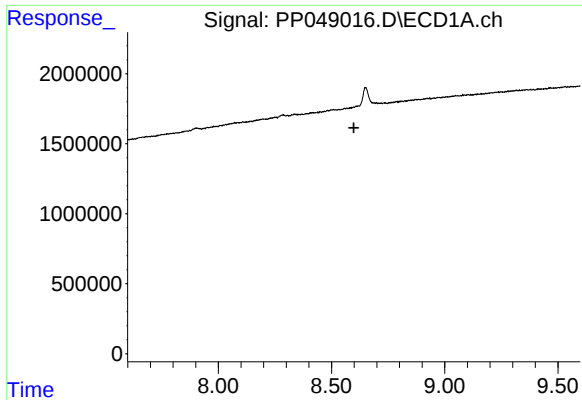
#40 AR-1262-5

R.T.: 9.360 min
Delta R.T.: 0.010 min
Response: 198375
Conc: 3.28 ng/ml



#40 AR-1262-5

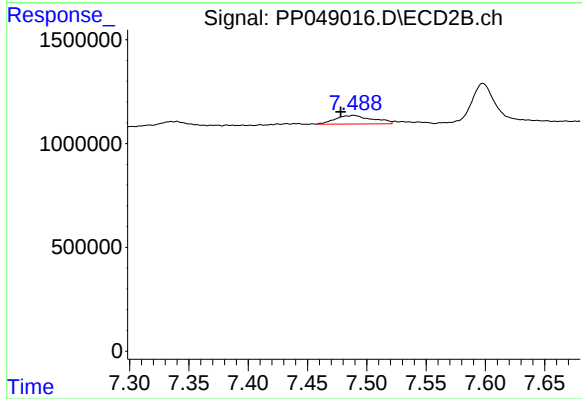
R.T.: 0.000 min
Exp R.T. : 8.034 min
Response: 0
Conc: N.D.



#41 AR-1268-1

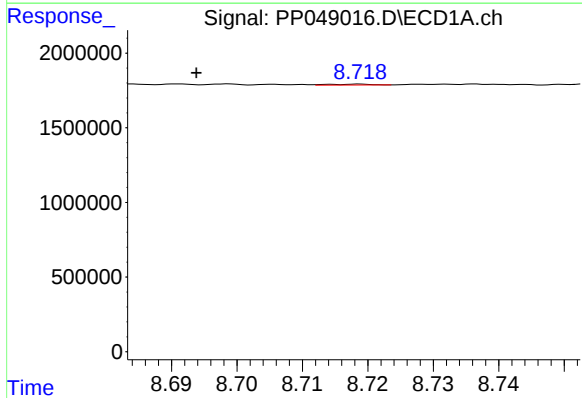
R.T.: 0.000 min
Exp R.T.: 8.599 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



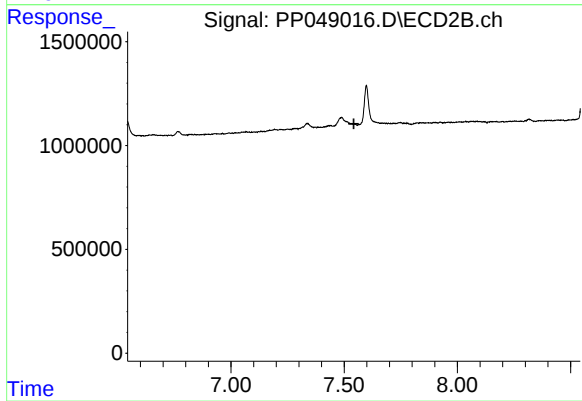
#41 AR-1268-1

R.T.: 7.489 min
Delta R.T.: 0.011 min
Response: 913484
Conc: 4.25 ng/ml



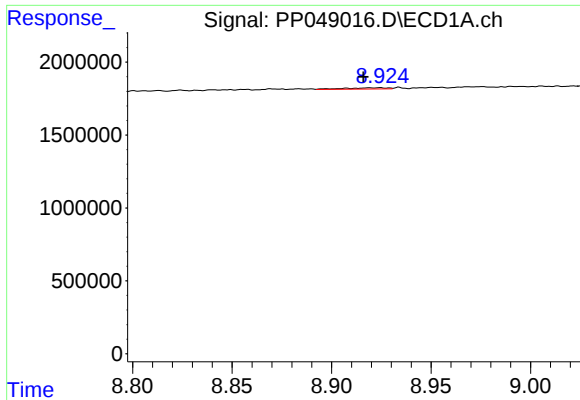
#42 AR-1268-2

R.T.: 8.719 min
Delta R.T.: 0.025 min
Response: 28120
Conc: 0.16 ng/ml



#42 AR-1268-2

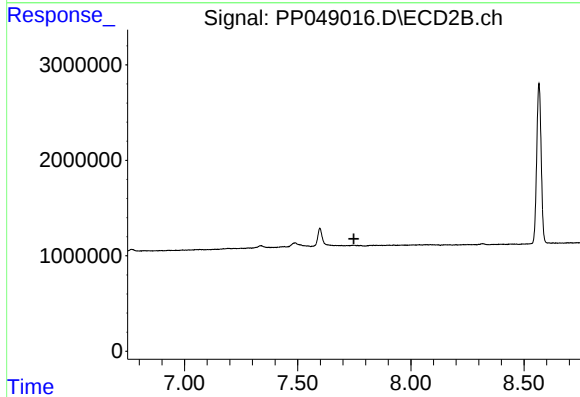
R.T.: 0.000 min
Exp R.T.: 7.543 min
Response: 0
Conc: N.D.



#43 AR-1268-3

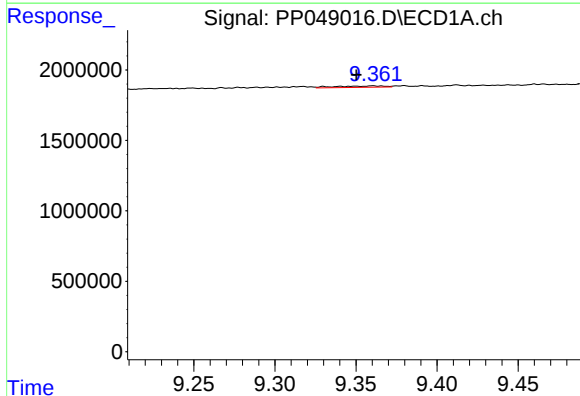
R.T.: 8.924 min
Delta R.T.: 0.008 min
Response: 128614
Conc: 0.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



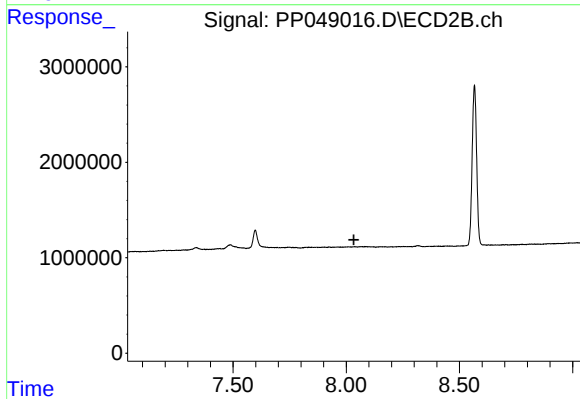
#43 AR-1268-3

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



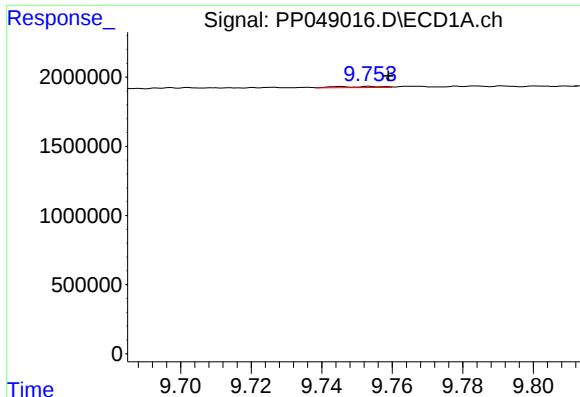
#44 AR-1268-4

R.T.: 9.360 min
Delta R.T.: 0.010 min
Response: 198375
Conc: 3.10 ng/ml



#44 AR-1268-4

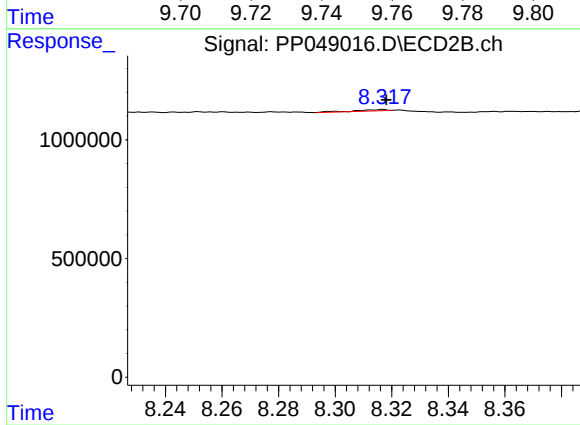
R.T.: 0.000 min
Exp R.T. : 8.034 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.754 min
Delta R.T.: -0.005 min
Response: 72791
Conc: 0.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.317 min
Delta R.T.: -0.001 min
Response: 39724
Conc: 0.10 ng/ml