

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062122\
 Data File : PP048961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2022 14:54
 Operator : YP\AJ
 Sample : N3421-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 18:21:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 07 11:09:40 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...	4.034	3.198	46305503	49262344	19.325	25.882 #
2)	SA Decachlor...	10.380	8.602	36844149	25344721	19.331	20.697
Target Compounds							
3)	L1 AR-1016-1	5.304f	0.000	69194	0	0.804	N.D. #
4)	L1 AR-1016-2	5.361	0.000	110808	0	0.910	N.D. #
5)	L1 AR-1016-3	5.422	0.000	51561	0	0.680	N.D. #
6)	L1 AR-1016-4	5.522	0.000	24448	0	0.389	N.D. #
7)	L1 AR-1016-5	5.849	0.000	155091	0	2.512	N.D. #
8)	L2 AR-1221-1	4.271	0.000	1147652	0	41.253	N.D. #
9)	L2 AR-1221-2	4.368	3.512	572637	909643	28.171	50.736 #
10)	L2 AR-1221-3	4.441	0.000	59522	0	0.938	N.D. #
11)	L3 AR-1232-1	4.441	0.000	59522	0	1.018	N.D. #
12)	L3 AR-1232-2	5.005f	0.000	55259	0	1.857	N.D. #
13)	L3 AR-1232-3	5.361	0.000	110808	0	1.990	N.D. #
14)	L3 AR-1232-4	5.522	0.000	24448	0	0.855	N.D. #
15)	L3 AR-1232-5	5.644f	0.000	141172	0	6.749	N.D. #
16)	L4 AR-1242-1	5.304f	0.000	69194	0	1.025	N.D. #
17)	L4 AR-1242-2	5.361	0.000	110808	0	1.140	N.D. #
18)	L4 AR-1242-3	5.422	0.000	51561	0	0.850	N.D. #
19)	L4 AR-1242-4	5.522	0.000	24448	0	0.481	N.D. #
20)	L4 AR-1242-5	6.335	0.000	133698	0	2.504	N.D. #
21)	L5 AR-1248-1	5.304f	0.000	69194	0	1.343	N.D. #
22)	L5 AR-1248-2	5.644f	0.000	141172	0	1.877	N.D. #
23)	L5 AR-1248-3	5.849	0.000	155091	0	1.855	N.D. #
24)	L5 AR-1248-4	6.301	0.000	130140	0	1.432	N.D. #
25)	L5 AR-1248-5	6.335	0.000	133698	0	1.510	N.D. #
26)	L6 AR-1254-1	6.272	0.000	570469	0	6.134	N.D. #
27)	L6 AR-1254-2	6.517	0.000	284821	0	2.053	N.D. #
28)	L6 AR-1254-3	6.930f	0.000	495476	0	3.485	N.D. #
29)	L6 AR-1254-4	7.243	0.000	142468	0	1.337	N.D. #
31)	L7 AR-1260-1	7.101	0.000	102128	0	0.980	N.D. #
32)	L7 AR-1260-2	7.407f	0.000	602902	0	4.951	N.D. #
33)	L7 AR-1260-3	7.788	0.000	240490	0	2.841	N.D. #
34)	L7 AR-1260-4	0.000	6.838	0	162260	N.D.	2.293 #
35)	L7 AR-1260-5	0.000	7.083f	0	340380	N.D.	2.120 #
36)	L8 AR-1262-1	7.788	0.000	240490	0	1.787	N.D. #
37)	L8 AR-1262-2	0.000	6.838	0	162260	N.D.	1.619 #
38)	L8 AR-1262-3	8.733	7.419	40586	175262	0.414	2.333 #
39)	L8 AR-1262-4	8.811f	7.479f	6140875	118104	97.989	0.848 #
41)	L9 AR-1268-1	8.733	7.419	40586	175262	0.146	0.829 #
42)	L9 AR-1268-2	8.811f	7.479f	6140875	118104	23.700	0.614 #
43)	L9 AR-1268-3	9.085	7.704f	93716	50570	0.419	0.314 #

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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060722.M
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 QLast Update : Tue Jun 07 11:09:40 2022
 Response via : Initial Calibration
 Integrator: ChemStation

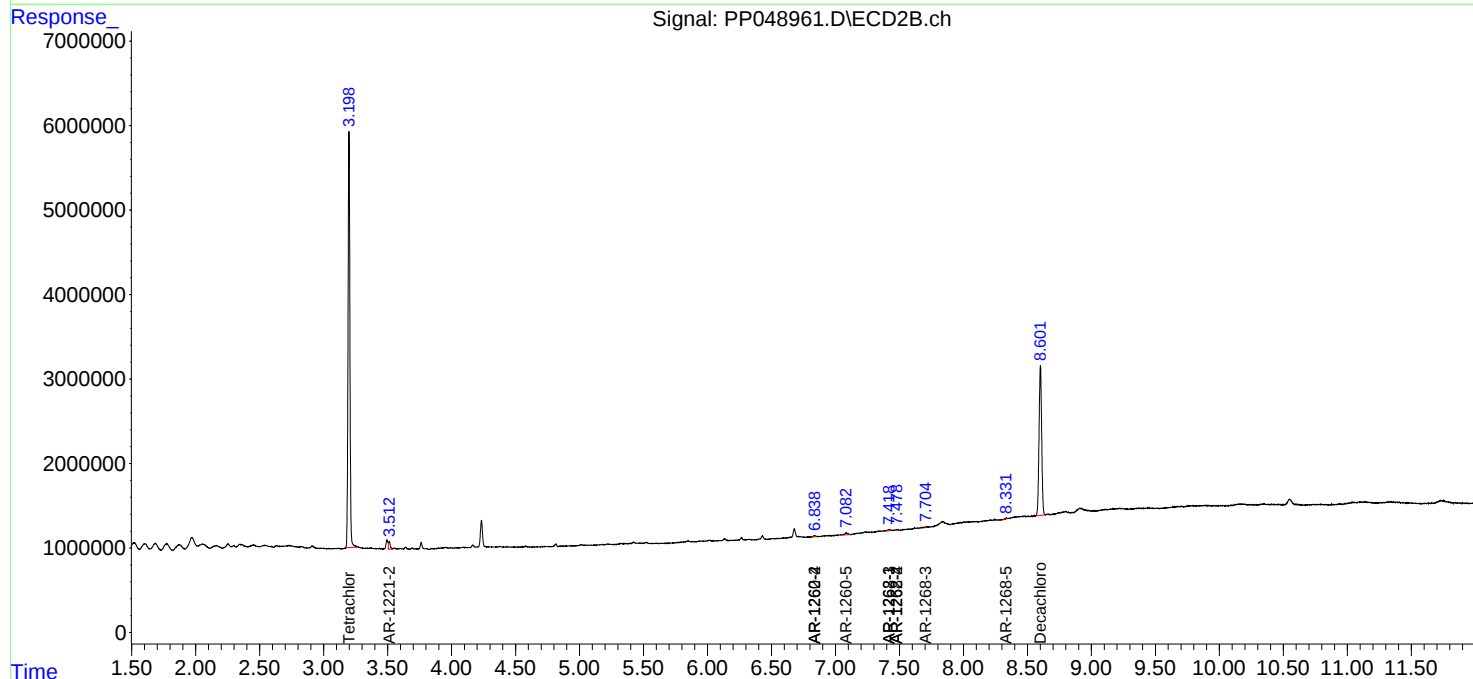
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

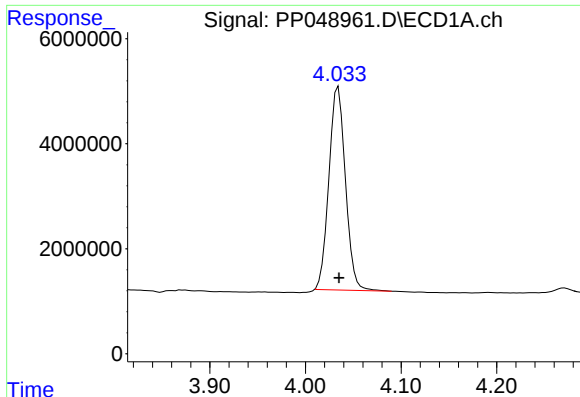
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	10.012	8.331f	135287	56993	0.185	0.122 #

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

Instrument :
ECD_P
ClientSampleId :

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

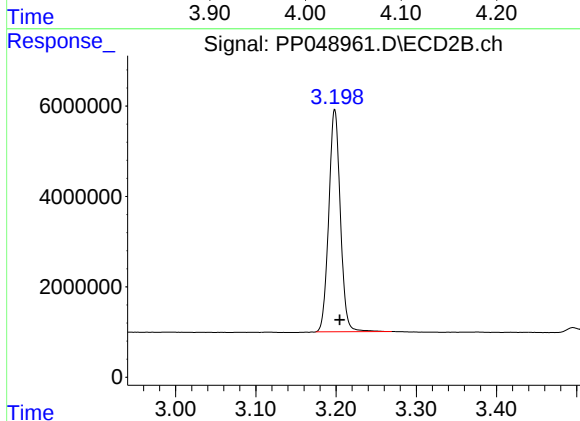




#1 Tetrachloro-m-xylene

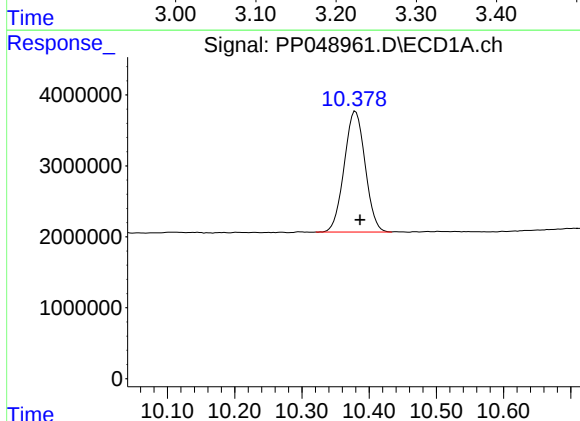
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 46305503
Conc: 19.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



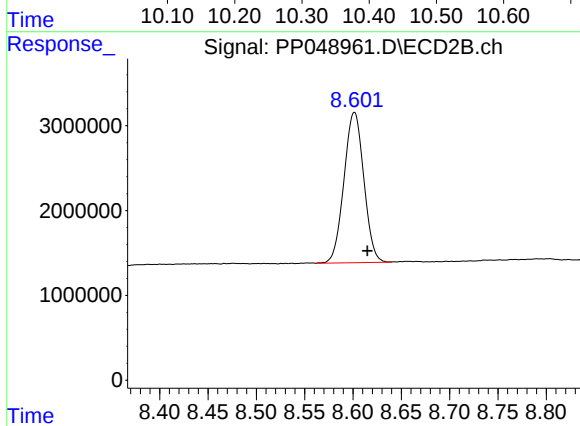
#1 Tetrachloro-m-xylene

R.T.: 3.198 min
Delta R.T.: -0.006 min
Response: 49262344
Conc: 25.88 ng/ml



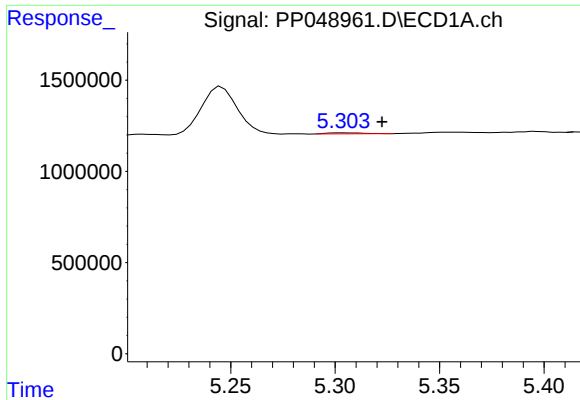
#2 Decachlorobiphenyl

R.T.: 10.380 min
Delta R.T.: -0.007 min
Response: 36844149
Conc: 19.33 ng/ml



#2 Decachlorobiphenyl

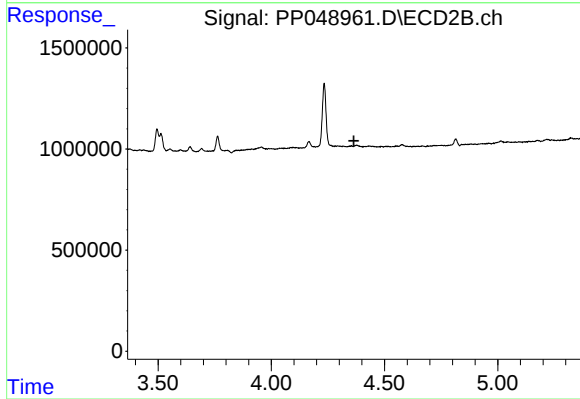
R.T.: 8.602 min
Delta R.T.: -0.013 min
Response: 25344721
Conc: 20.70 ng/ml



#3 AR-1016-1

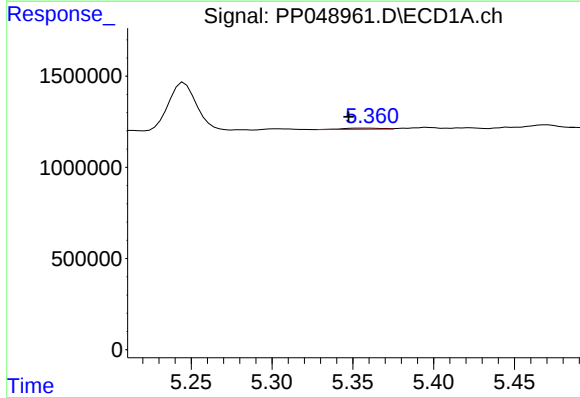
R.T.: 5.304 min
Delta R.T.: -0.019 min
Response: 69194
Conc: 0.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



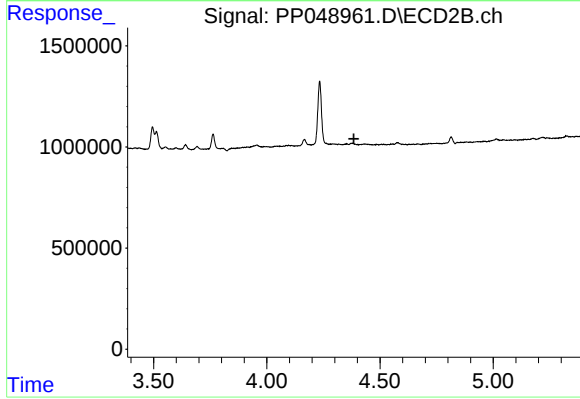
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.365 min
Response: 0
Conc: N.D.



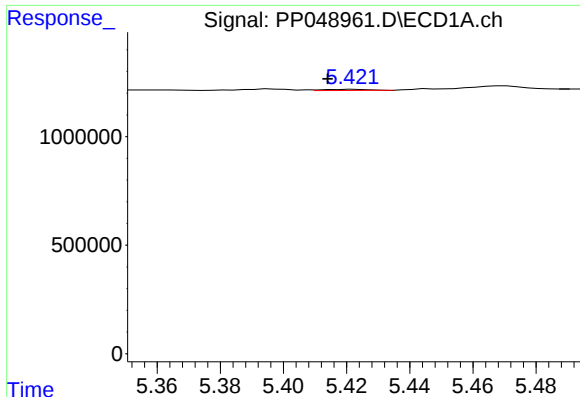
#4 AR-1016-2

R.T.: 5.361 min
Delta R.T.: 0.014 min
Response: 110808
Conc: 0.91 ng/ml



#4 AR-1016-2

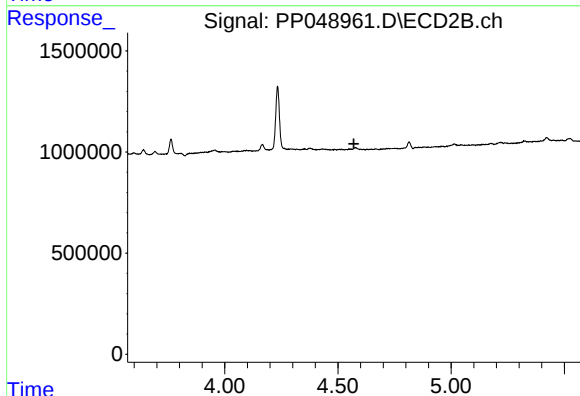
R.T.: 0.000 min
Exp R.T. : 4.385 min
Response: 0
Conc: N.D.



#5 AR-1016-3

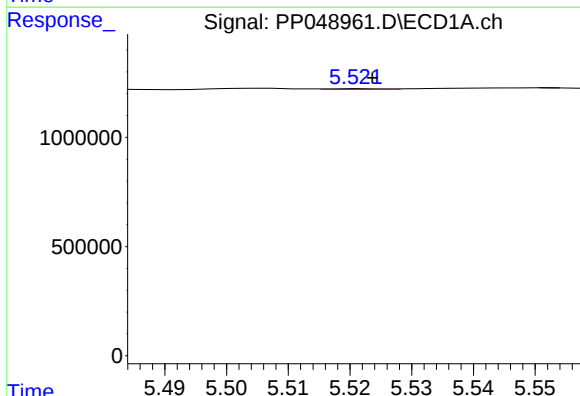
R.T.: 5.422 min
Delta R.T.: 0.008 min
Response: 51561
Conc: 0.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



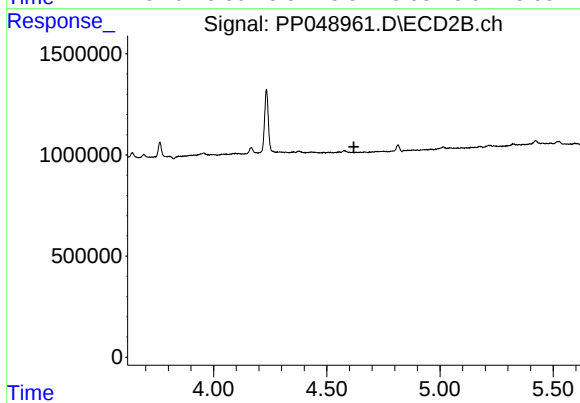
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.571 min
Response: 0
Conc: N.D.



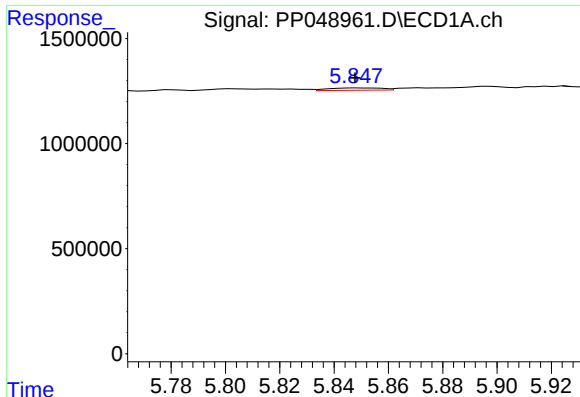
#6 AR-1016-4

R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 24448
Conc: 0.39 ng/ml



#6 AR-1016-4

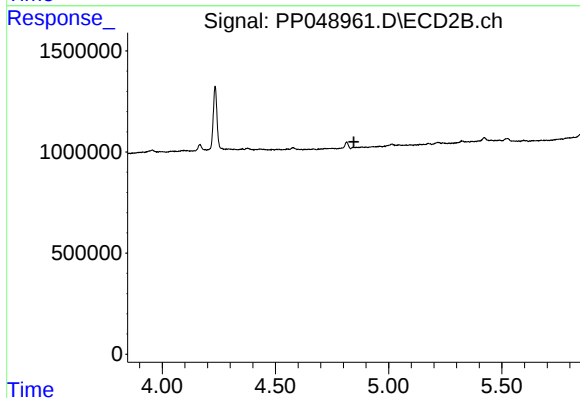
R.T.: 0.000 min
Exp R.T. : 4.620 min
Response: 0
Conc: N.D.



#7 AR-1016-5

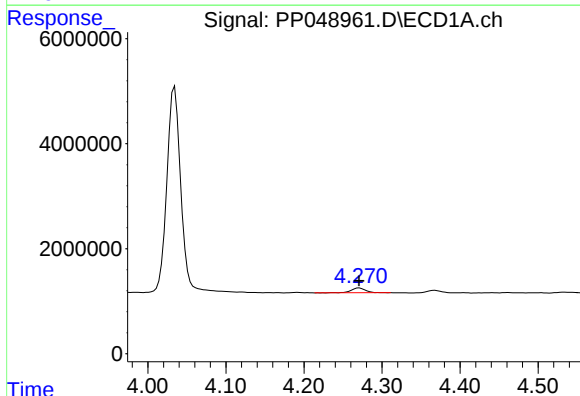
R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 155091
Conc: 2.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



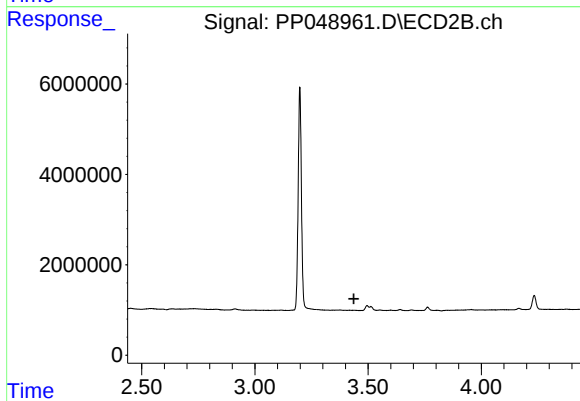
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.846 min
Response: 0
Conc: N.D.



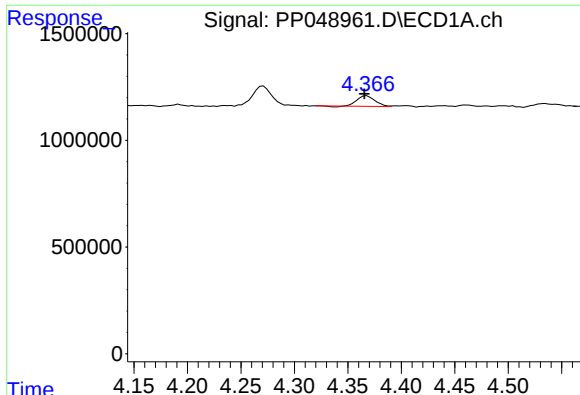
#8 AR-1221-1

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 1147652
Conc: 41.25 ng/ml



#8 AR-1221-1

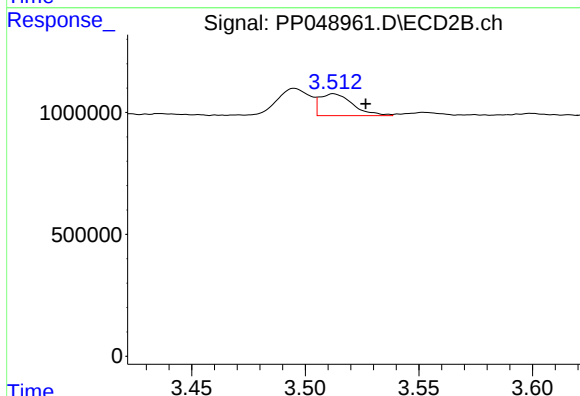
R.T.: 0.000 min
Exp R.T. : 3.437 min
Response: 0
Conc: N.D.



#9 AR-1221-2

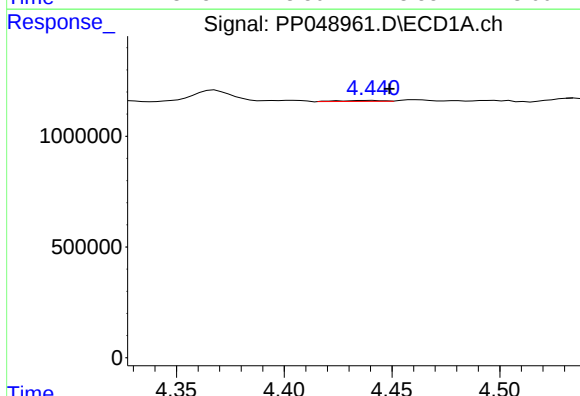
R.T.: 4.368 min
Delta R.T.: 0.002 min
Response: 572637
Conc: 28.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



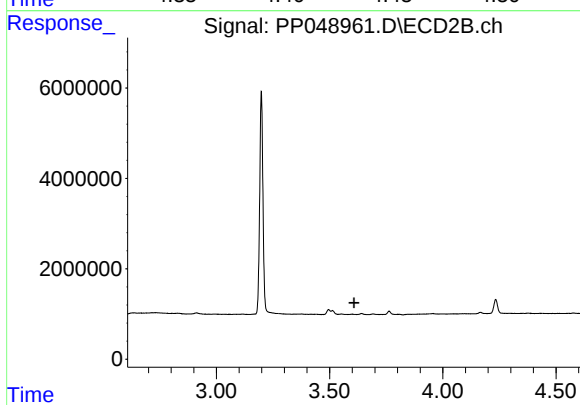
#9 AR-1221-2

R.T.: 3.512 min
Delta R.T.: -0.014 min
Response: 909643
Conc: 50.74 ng/ml



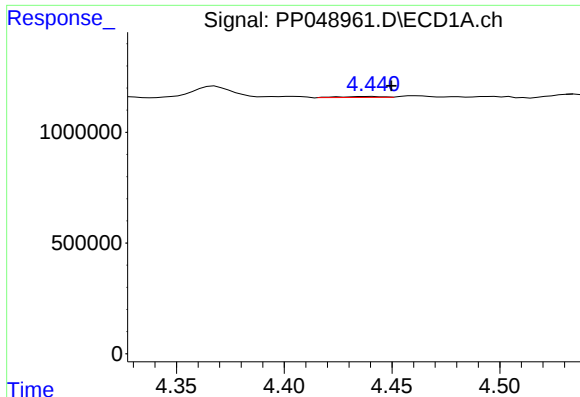
#10 AR-1221-3

R.T.: 4.441 min
Delta R.T.: -0.008 min
Response: 59522
Conc: 0.94 ng/ml



#10 AR-1221-3

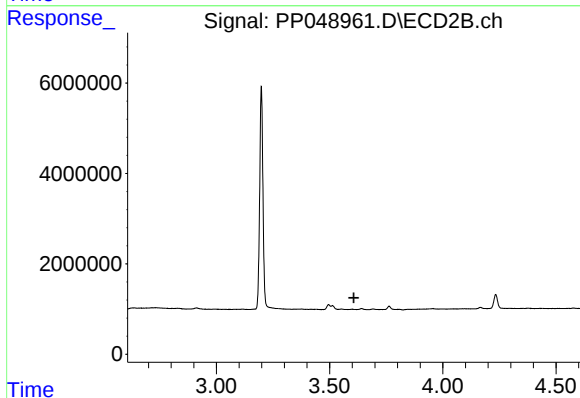
R.T.: 0.000 min
Exp R.T.: 3.608 min
Response: 0
Conc: N.D.



#11 AR-1232-1

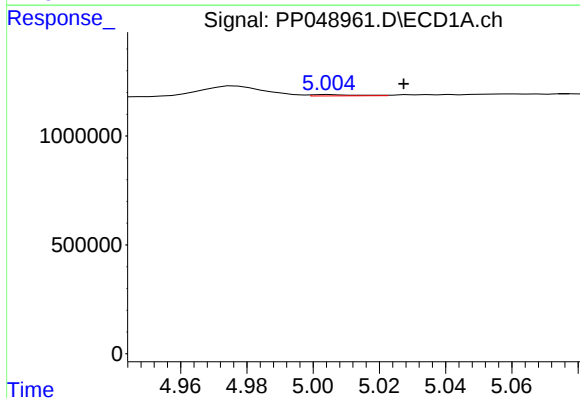
R.T.: 4.441 min
Delta R.T.: -0.008 min
Response: 59522
Conc: 1.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



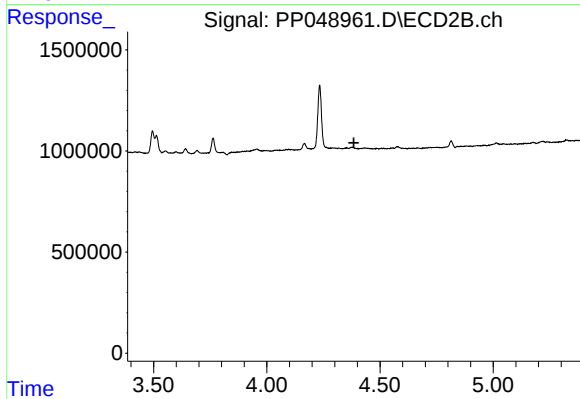
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.608 min
Response: 0
Conc: N.D.



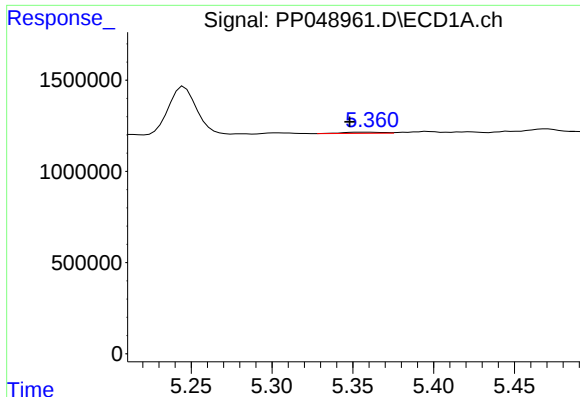
#12 AR-1232-2

R.T.: 5.005 min
Delta R.T.: -0.022 min
Response: 55259
Conc: 1.86 ng/ml



#12 AR-1232-2

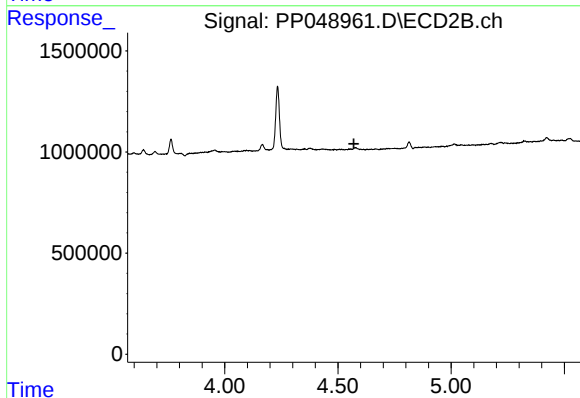
R.T.: 0.000 min
Exp R.T. : 4.385 min
Response: 0
Conc: N.D.



#13 AR-1232-3

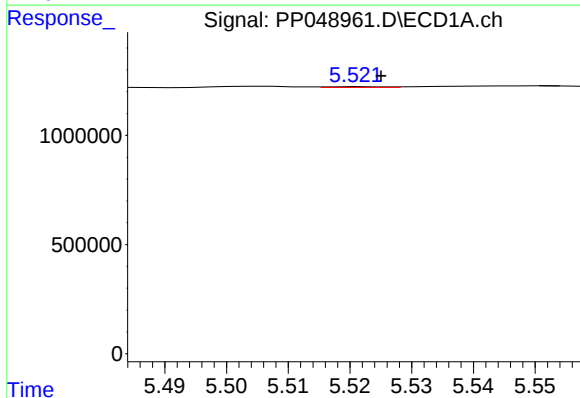
R.T.: 5.361 min
Delta R.T.: 0.013 min
Response: 110808
Conc: 1.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



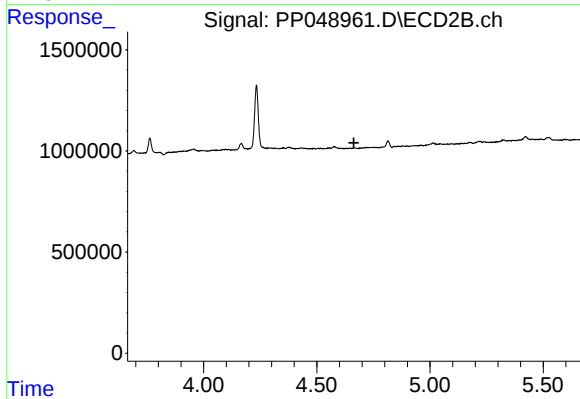
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.571 min
Response: 0
Conc: N.D.



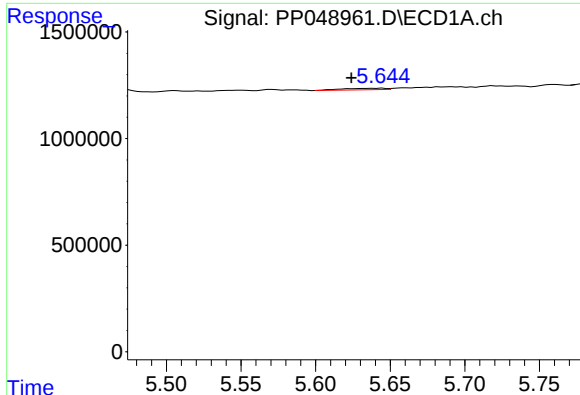
#14 AR-1232-4

R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 24448
Conc: 0.85 ng/ml



#14 AR-1232-4

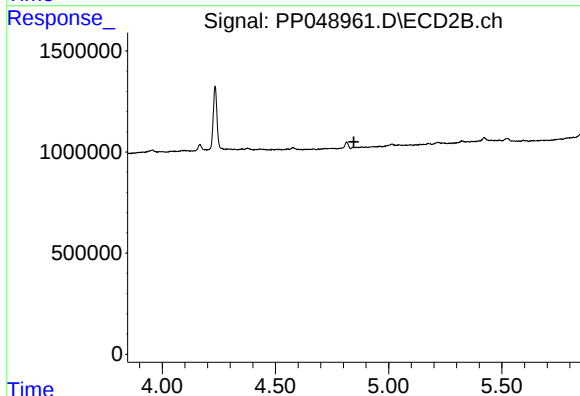
R.T.: 0.000 min
Exp R.T. : 4.664 min
Response: 0
Conc: N.D.



#15 AR-1232-5

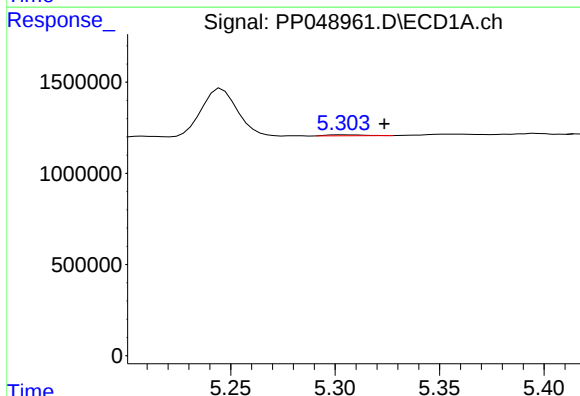
R.T.: 5.644 min
Delta R.T.: 0.020 min
Response: 141172
Conc: 6.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



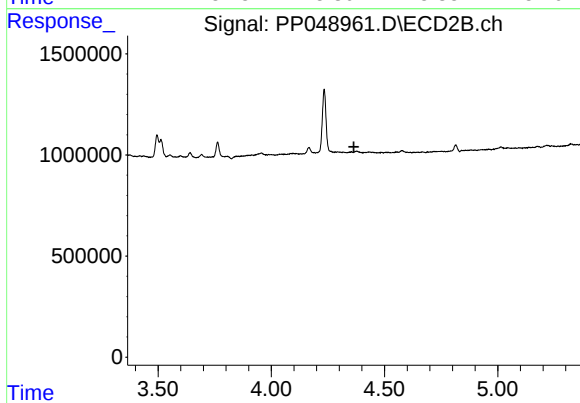
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.846 min
Response: 0
Conc: N.D.



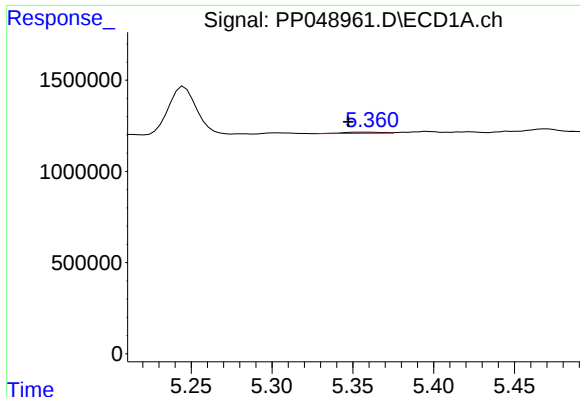
#16 AR-1242-1

R.T.: 5.304 min
Delta R.T.: -0.020 min
Response: 69194
Conc: 1.02 ng/ml



#16 AR-1242-1

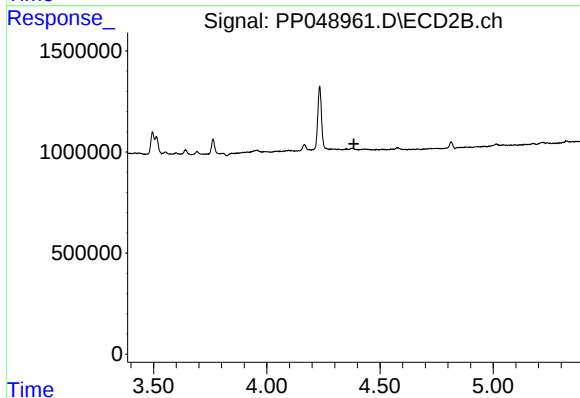
R.T.: 0.000 min
Exp R.T. : 4.365 min
Response: 0
Conc: N.D.



#17 AR-1242-2

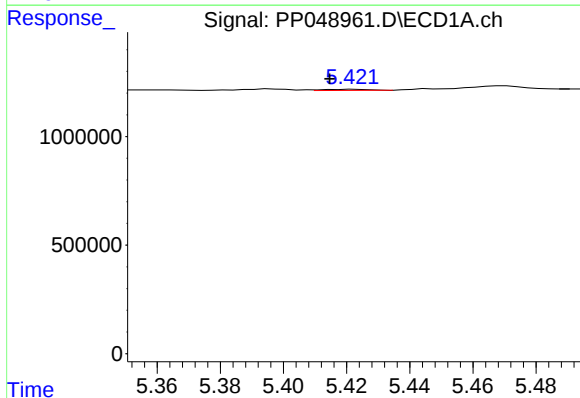
R.T.: 5.361 min
Delta R.T.: 0.014 min
Response: 110808
Conc: 1.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



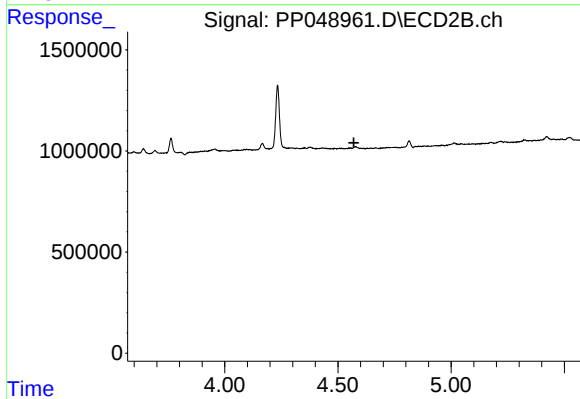
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.385 min
Response: 0
Conc: N.D.



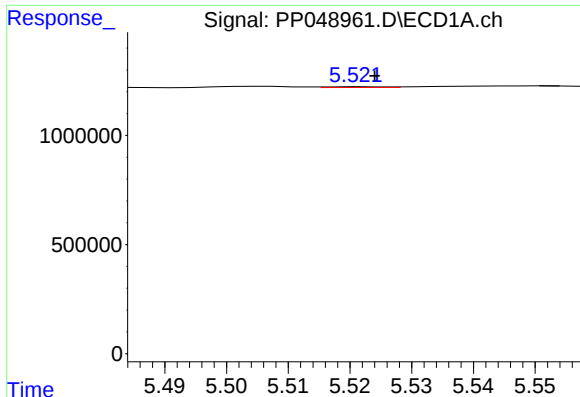
#18 AR-1242-3

R.T.: 5.422 min
Delta R.T.: 0.008 min
Response: 51561
Conc: 0.85 ng/ml



#18 AR-1242-3

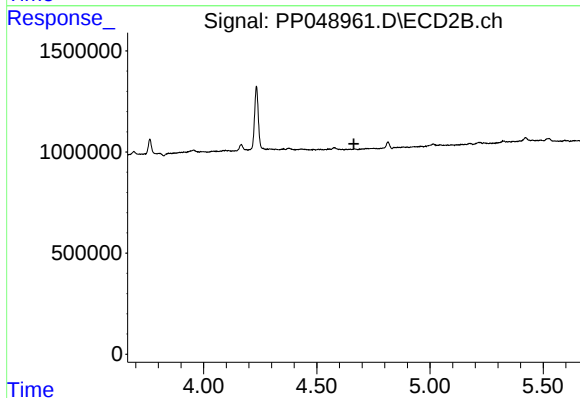
R.T.: 0.000 min
Exp R.T. : 4.571 min
Response: 0
Conc: N.D.



#19 AR-1242-4

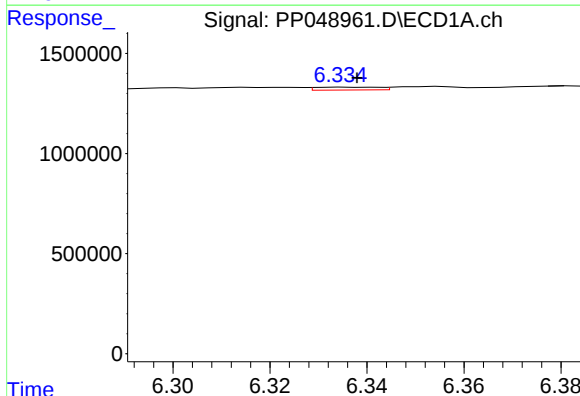
R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 24448
Conc: 0.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



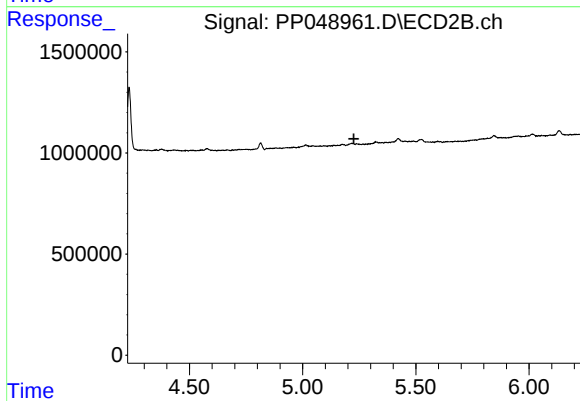
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.664 min
Response: 0
Conc: N.D.



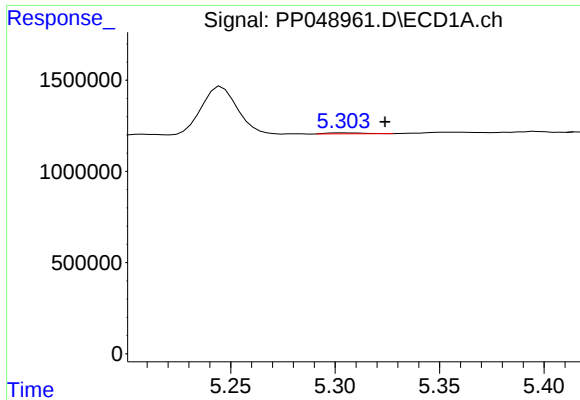
#20 AR-1242-5

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 133698
Conc: 2.50 ng/ml



#20 AR-1242-5

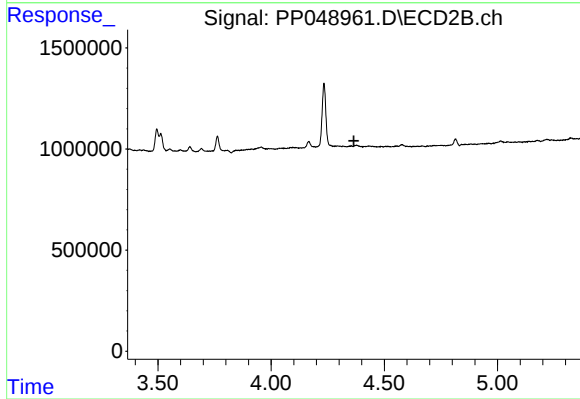
R.T.: 0.000 min
Exp R.T. : 5.226 min
Response: 0
Conc: N.D.



#21 AR-1248-1

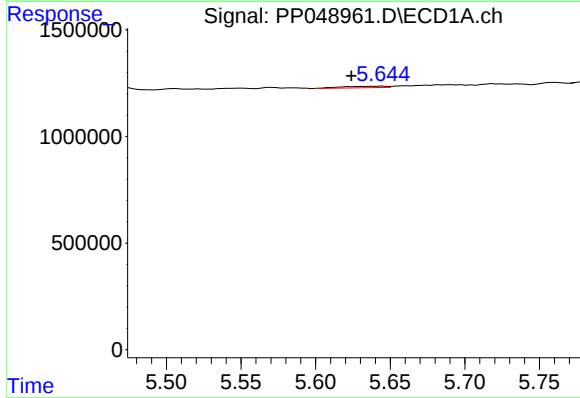
R.T.: 5.304 min
Delta R.T.: -0.020 min
Response: 69194
Conc: 1.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



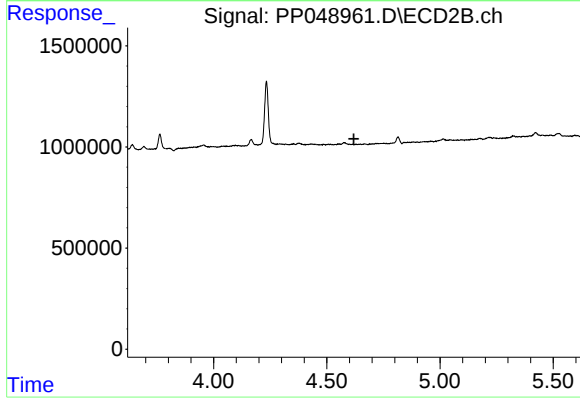
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.365 min
Response: 0
Conc: N.D.



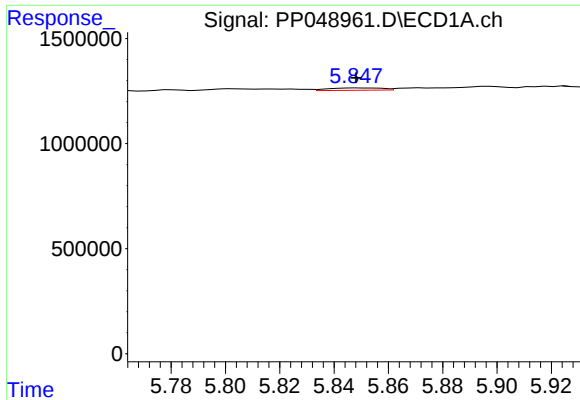
#22 AR-1248-2

R.T.: 5.644 min
Delta R.T.: 0.020 min
Response: 141172
Conc: 1.88 ng/ml



#22 AR-1248-2

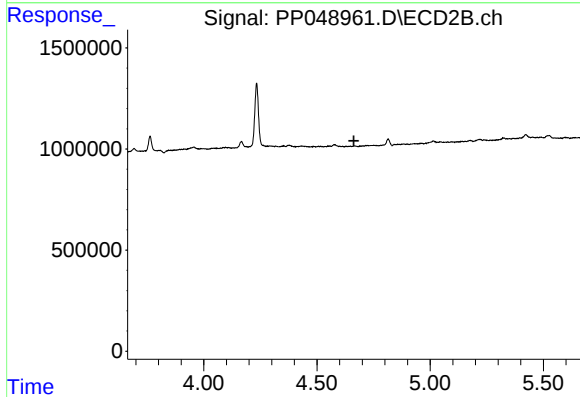
R.T.: 0.000 min
Exp R.T. : 4.620 min
Response: 0
Conc: N.D.



#23 AR-1248-3

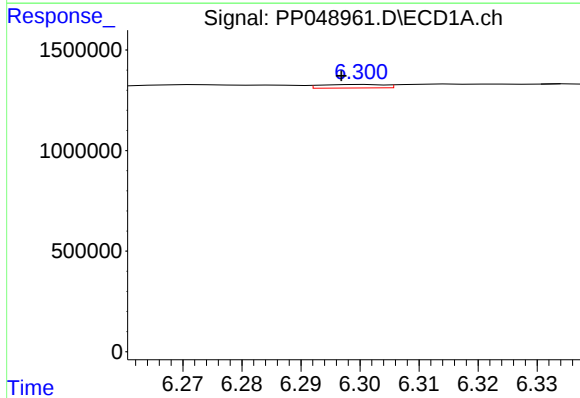
R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 155091
Conc: 1.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



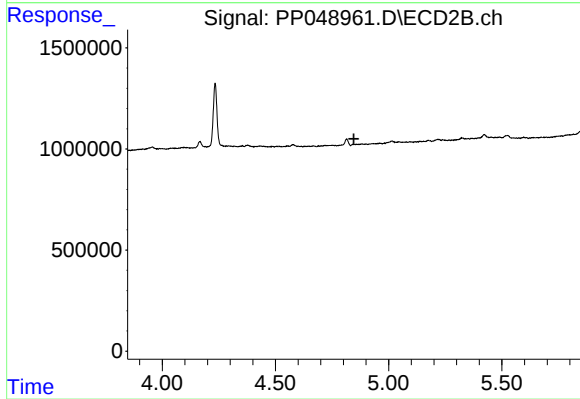
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.663 min
Response: 0
Conc: N.D.



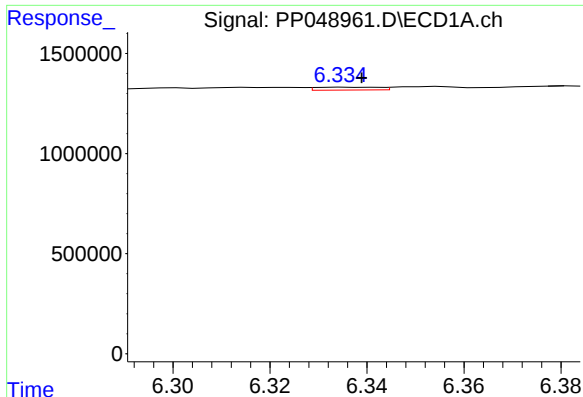
#24 AR-1248-4

R.T.: 6.301 min
Delta R.T.: 0.004 min
Response: 130140
Conc: 1.43 ng/ml



#24 AR-1248-4

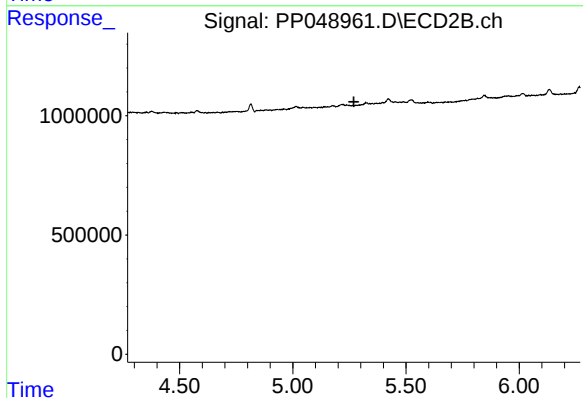
R.T.: 0.000 min
Exp R.T. : 4.846 min
Response: 0
Conc: N.D.



#25 AR-1248-5

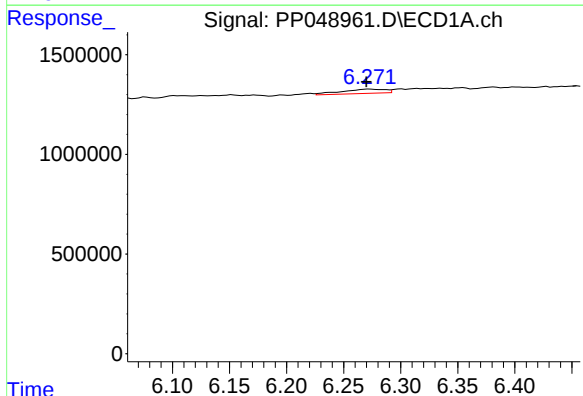
R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 133698
Conc: 1.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



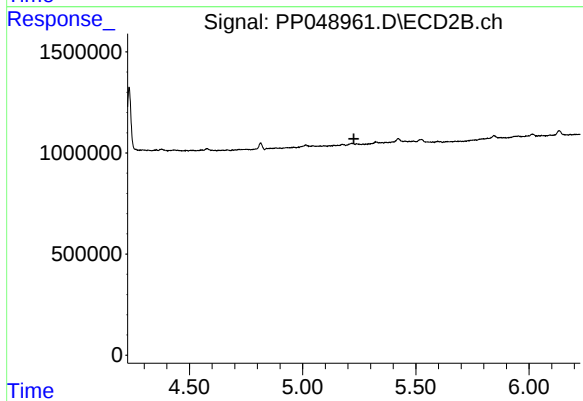
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.270 min
Response: 0
Conc: N.D.



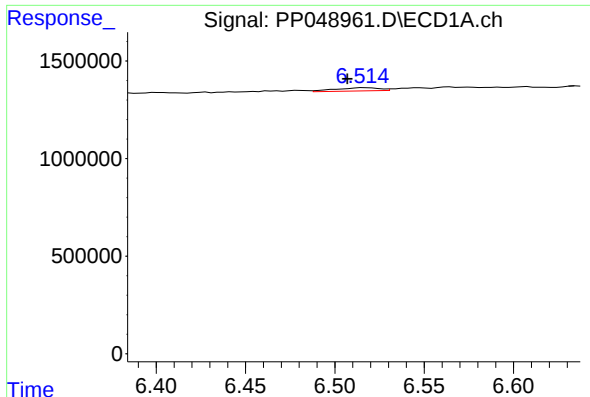
#26 AR-1254-1

R.T.: 6.272 min
Delta R.T.: 0.002 min
Response: 570469
Conc: 6.13 ng/ml



#26 AR-1254-1

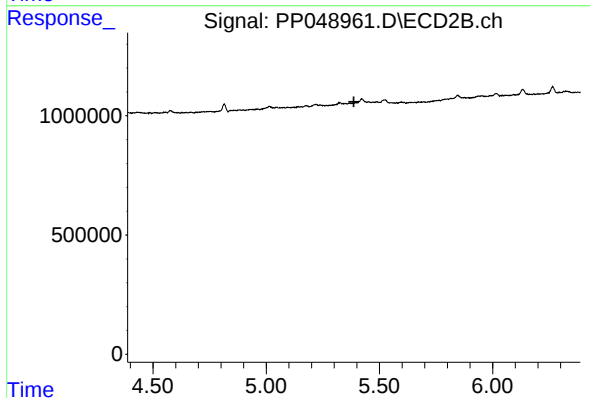
R.T.: 0.000 min
Exp R.T. : 5.226 min
Response: 0
Conc: N.D.



#27 AR-1254-2

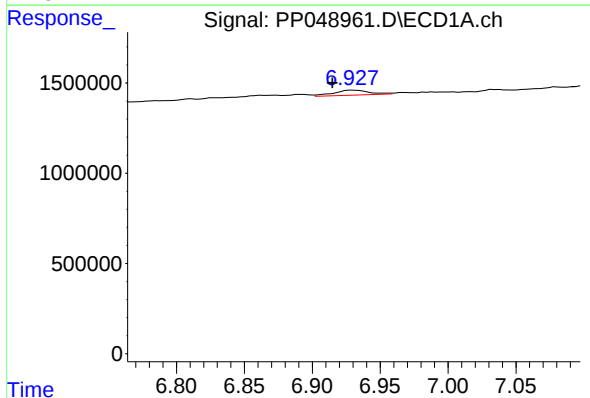
R.T.: 6.517 min
Delta R.T.: 0.010 min
Response: 284821
Conc: 2.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



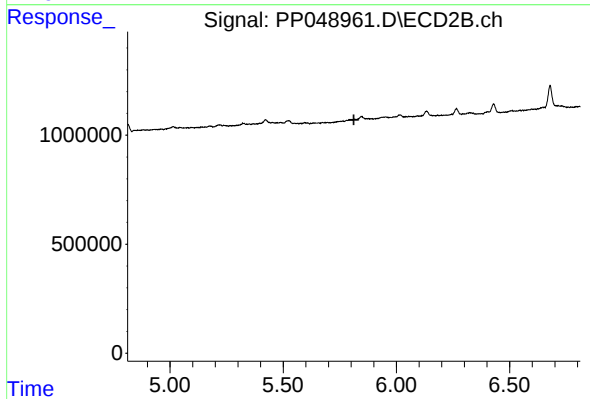
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.387 min
Response: 0
Conc: N.D.



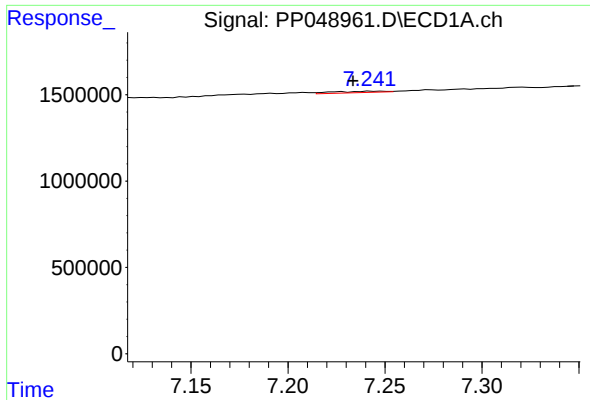
#28 AR-1254-3

R.T.: 6.930 min
Delta R.T.: 0.015 min
Response: 495476
Conc: 3.48 ng/ml



#28 AR-1254-3

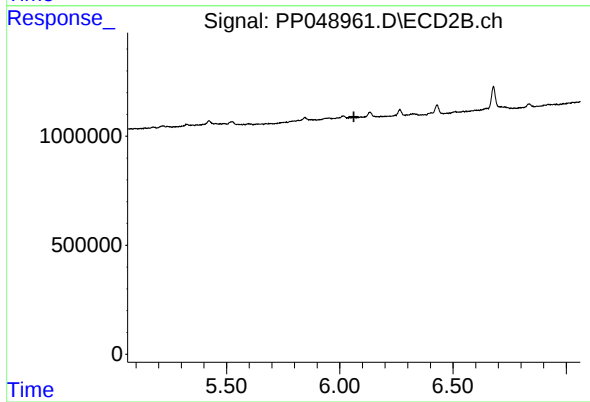
R.T.: 0.000 min
Exp R.T. : 5.812 min
Response: 0
Conc: N.D.



#29 AR-1254-4

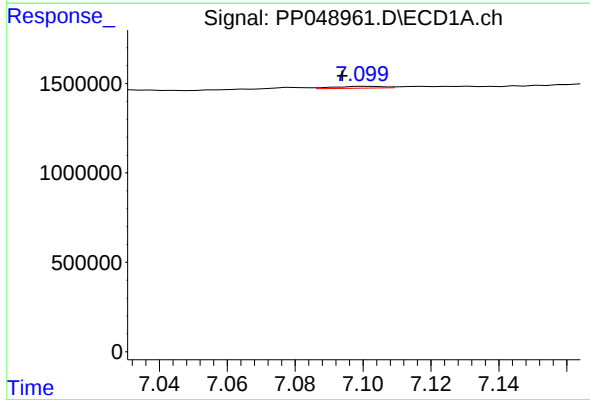
R.T.: 7.243 min
Delta R.T.: 0.009 min
Response: 142468
Conc: 1.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



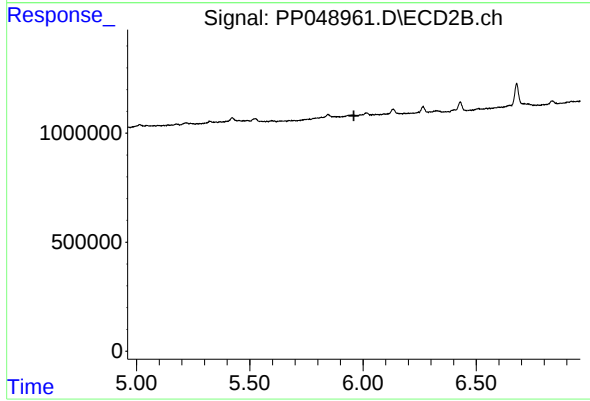
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.062 min
Response: 0
Conc: N.D.



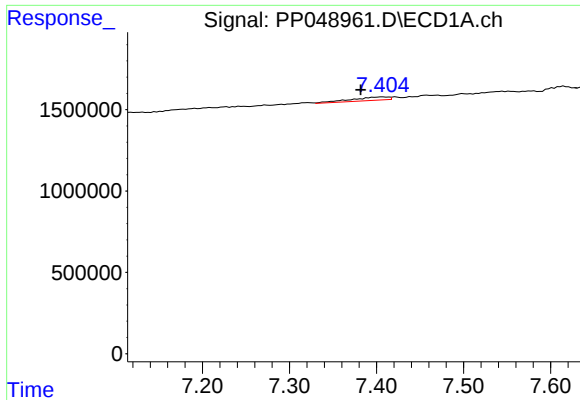
#31 AR-1260-1

R.T.: 7.101 min
Delta R.T.: 0.007 min
Response: 102128
Conc: 0.98 ng/ml



#31 AR-1260-1

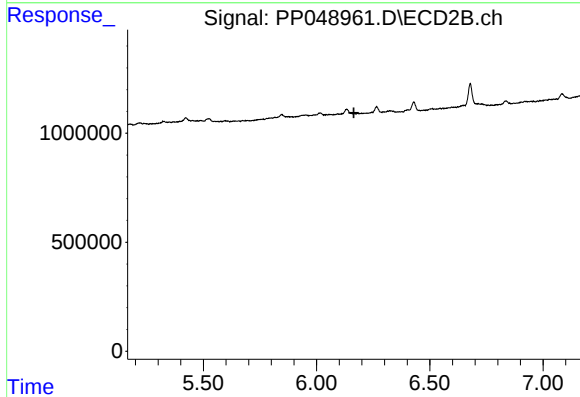
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.



#32 AR-1260-2

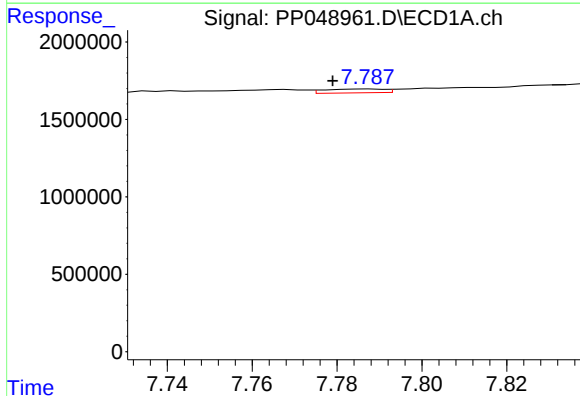
R.T.: 7.407 min
Delta R.T.: 0.025 min
Response: 602902
Conc: 4.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



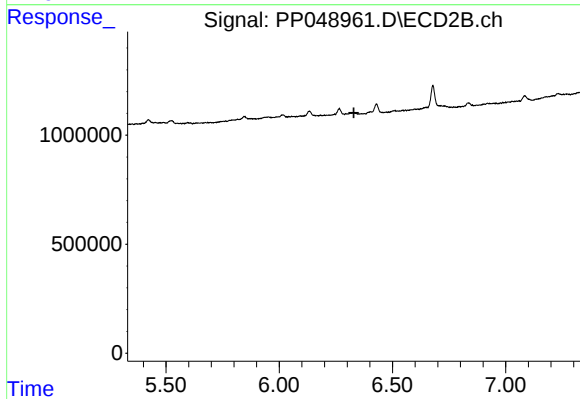
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.165 min
Response: 0
Conc: N.D.



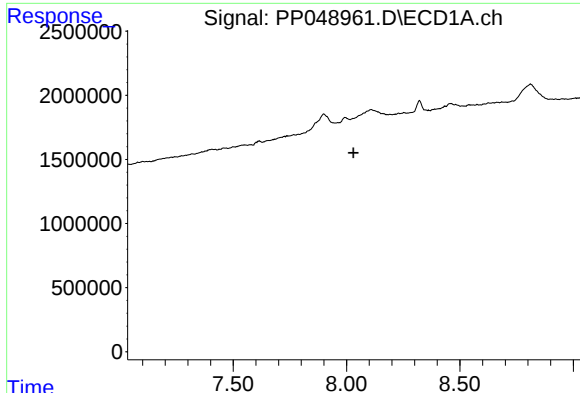
#33 AR-1260-3

R.T.: 7.788 min
Delta R.T.: 0.009 min
Response: 240490
Conc: 2.84 ng/ml



#33 AR-1260-3

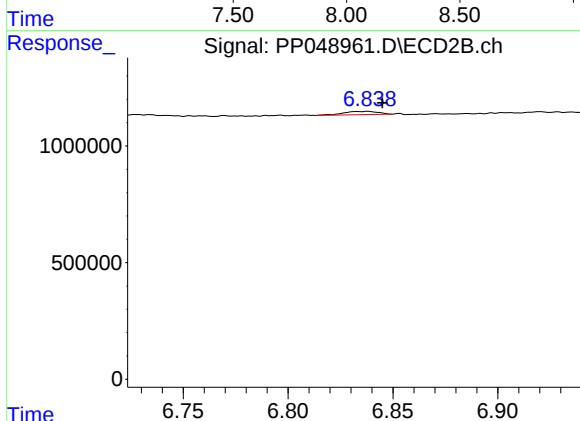
R.T.: 0.000 min
Exp R.T. : 6.330 min
Response: 0
Conc: N.D.



#34 AR-1260-4

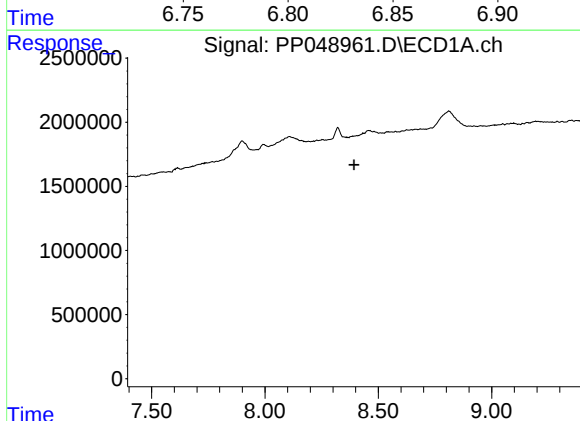
R.T.: 0.000 min
Exp R.T.: 8.031 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



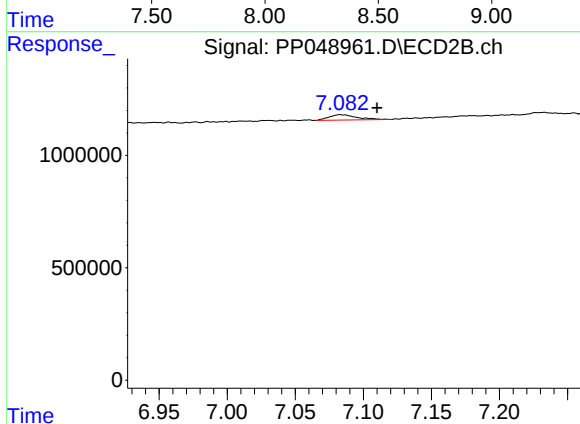
#34 AR-1260-4

R.T.: 6.838 min
Delta R.T.: -0.007 min
Response: 162260
Conc: 2.29 ng/ml



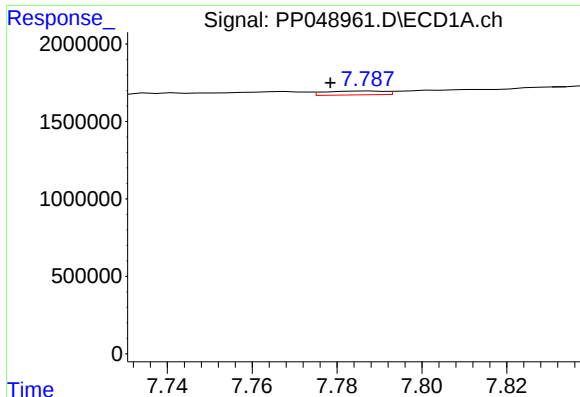
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.393 min
Response: 0
Conc: N.D.



#35 AR-1260-5

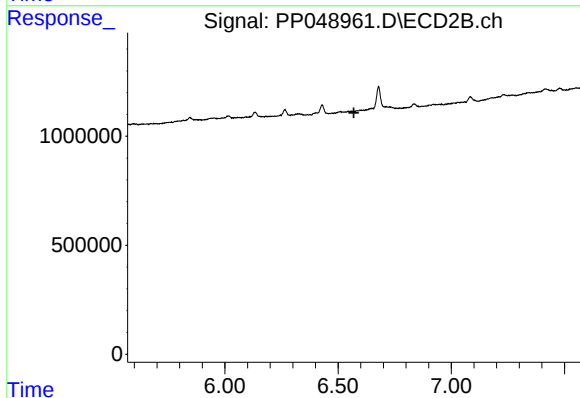
R.T.: 7.083 min
Delta R.T.: -0.027 min
Response: 340380
Conc: 2.12 ng/ml



#36 AR-1262-1

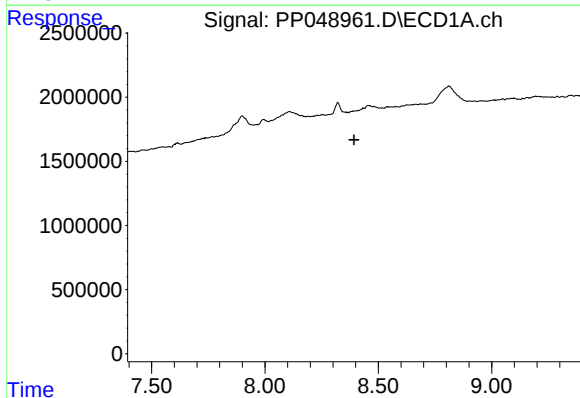
R.T.: 7.788 min
Delta R.T.: 0.009 min
Response: 240490
Conc: 1.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



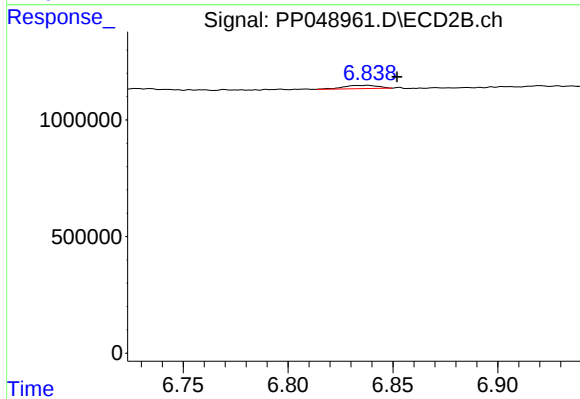
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.570 min
Response: 0
Conc: N.D.



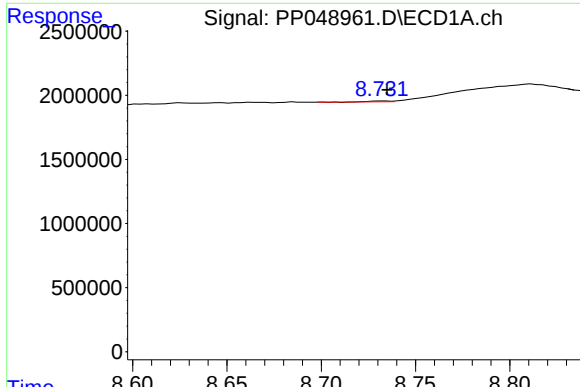
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.393 min
Response: 0
Conc: N.D.



#37 AR-1262-2

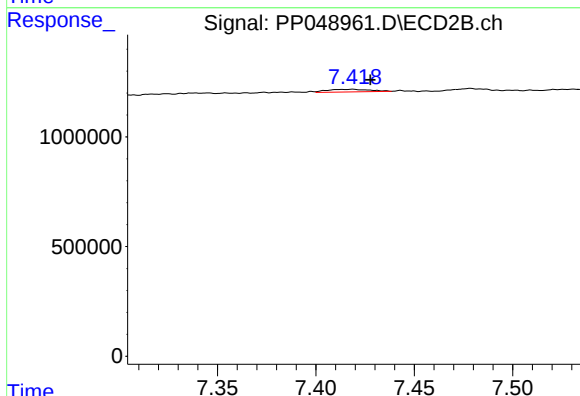
R.T.: 6.838 min
Delta R.T.: -0.014 min
Response: 162260
Conc: 1.62 ng/ml



#38 AR-1262-3

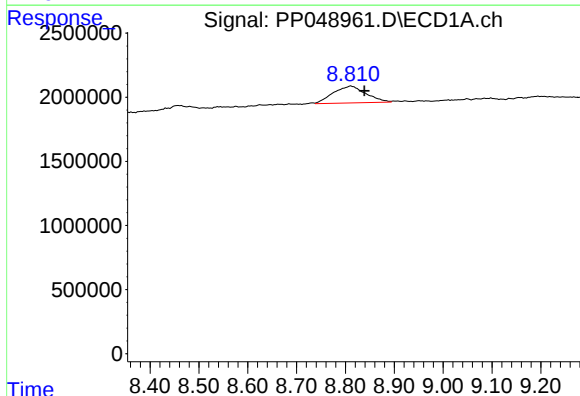
R.T.: 8.733 min
Delta R.T.: -0.002 min
Response: 40586
Conc: 0.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



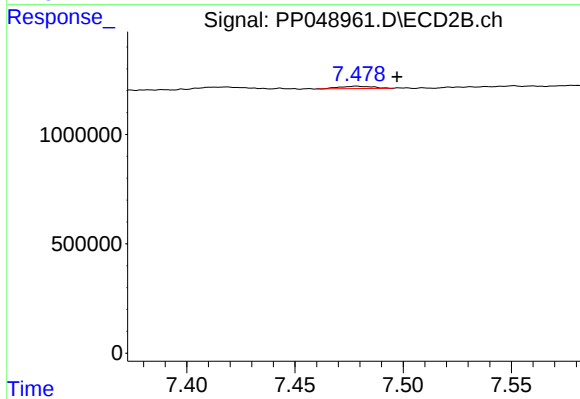
#38 AR-1262-3

R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 175262
Conc: 2.33 ng/ml



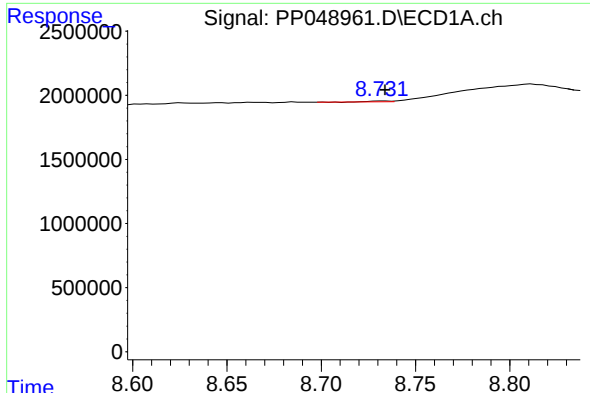
#39 AR-1262-4

R.T.: 8.811 min
Delta R.T.: -0.027 min
Response: 6140875
Conc: 97.99 ng/ml



#39 AR-1262-4

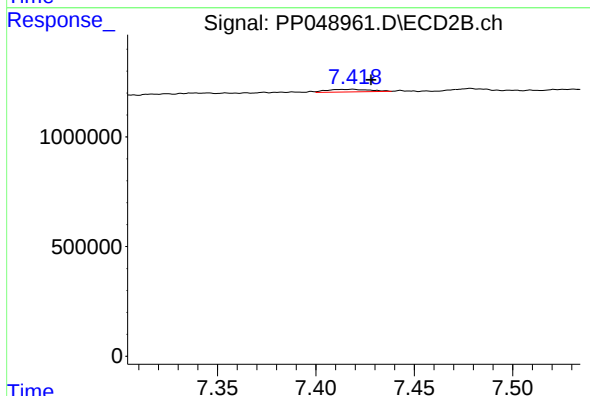
R.T.: 7.479 min
Delta R.T.: -0.019 min
Response: 118104
Conc: 0.85 ng/ml



#41 AR-1268-1

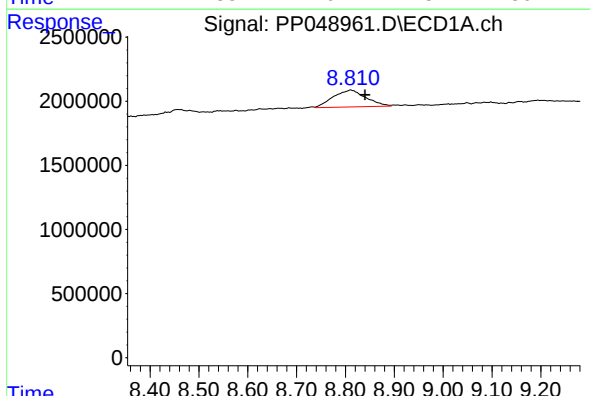
R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 40586
Conc: 0.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



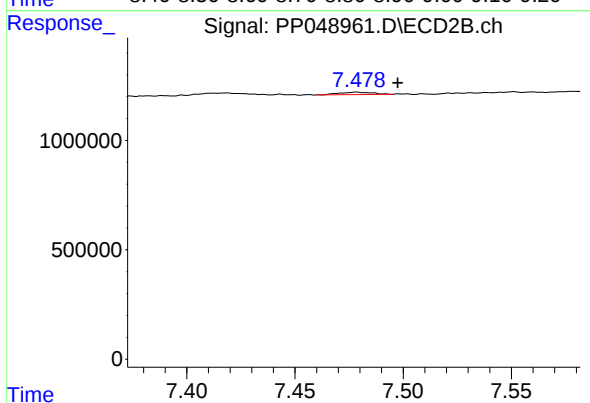
#41 AR-1268-1

R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 175262
Conc: 0.83 ng/ml



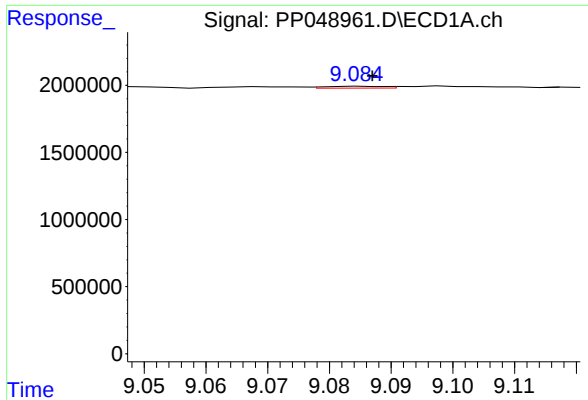
#42 AR-1268-2

R.T.: 8.811 min
Delta R.T.: -0.028 min
Response: 6140875
Conc: 23.70 ng/ml



#42 AR-1268-2

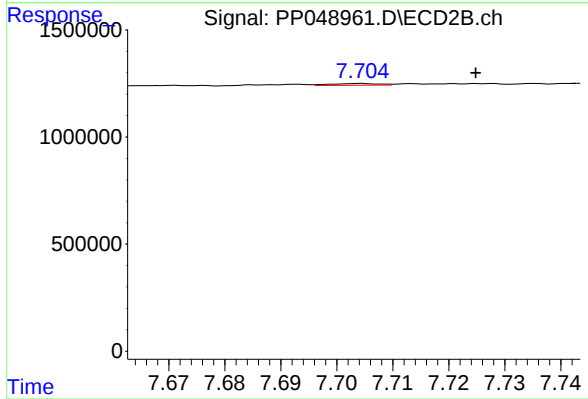
R.T.: 7.479 min
Delta R.T.: -0.019 min
Response: 118104
Conc: 0.61 ng/ml



#43 AR-1268-3

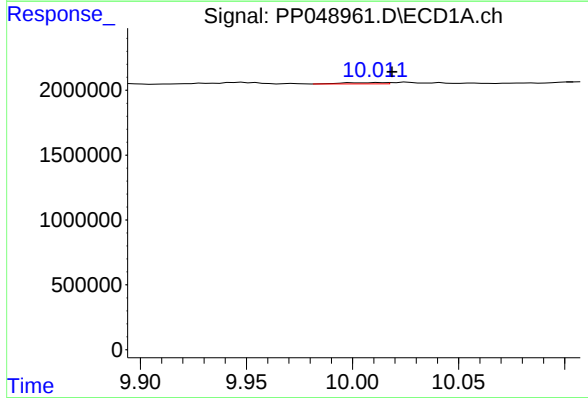
R.T.: 9.085 min
Delta R.T.: -0.002 min
Response: 93716
Conc: 0.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



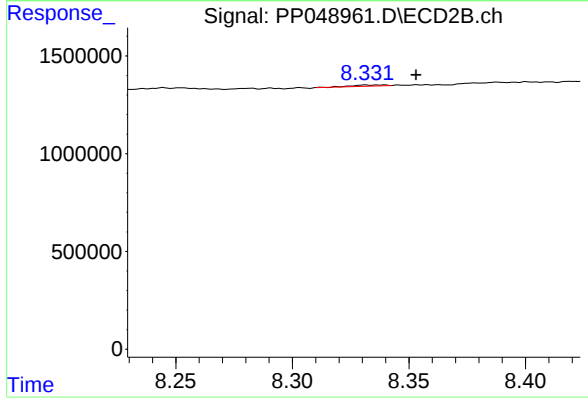
#43 AR-1268-3

R.T.: 7.704 min
Delta R.T.: -0.020 min
Response: 50570
Conc: 0.31 ng/ml



#45 AR-1268-5

R.T.: 10.012 min
Delta R.T.: -0.007 min
Response: 135287
Conc: 0.19 ng/ml



#45 AR-1268-5

R.T.: 8.331 min
Delta R.T.: -0.022 min
Response: 56993
Conc: 0.12 ng/ml