

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040423\
 Data File : P0093776.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2023 11:24
 Operator : YP/AJ
 Sample : 02157-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 17:47:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.422	3.627	5387114	1914844	1.441	1.504
2)	SA Decachlor...	10.251	8.651	4697861	2254770	2.100	2.255
Target Compounds							
3)	L1 AR-1016-1	5.584	0.000	504032	0	4.929	N.D. #
4)	L1 AR-1016-2	5.628	0.000	87432	0	0.561	N.D. #
5)	L1 AR-1016-3	5.692	0.000	393618	0	3.991	N.D. #
6)	L1 AR-1016-4	5.788	0.000	1261	0	0.017	N.D. #
7)	L1 AR-1016-5	6.086	0.000	404230	0	4.775	N.D. #
8)	L2 AR-1221-1	4.637	0.000	55775	0	1.209	N.D. #
9)	L2 AR-1221-2	4.728	0.000	27990	0	0.815	N.D. #
10)	L2 AR-1221-3	4.793	0.000	246557	0	2.354	N.D. #
11)	L3 AR-1232-1	4.793	0.000	246557	0	2.825	N.D. #
12)	L3 AR-1232-2	5.321	0.000	18936	0	0.443	N.D. #
13)	L3 AR-1232-3	5.628	0.000	87432	0	1.190	N.D. #
14)	L3 AR-1232-4	5.788	0.000	1261	0	0.037	N.D. #
15)	L3 AR-1232-5	5.873	0.000	201845	0	6.355	N.D. #
16)	L4 AR-1242-1	5.584	0.000	504032	0	5.775	N.D. #
17)	L4 AR-1242-2	5.628	0.000	87432	0	0.658	N.D. #
18)	L4 AR-1242-3	5.692	0.000	393618	0	4.637	N.D. #
19)	L4 AR-1242-4	5.788	0.000	1261	0	0.020	N.D. #
20)	L4 AR-1242-5	6.504	0.000	141751	0	2.105	N.D. #
21)	L5 AR-1248-1	5.584	0.000	504032	0	7.491	N.D. #
22)	L5 AR-1248-2	5.873	0.000	201845	0	1.845	N.D. #
23)	L5 AR-1248-3	6.086	0.000	404230	0	3.348	N.D. #
24)	L5 AR-1248-4	6.504	0.000	141751	0	1.320	N.D. #
25)	L5 AR-1248-5	6.504	0.000	141751	0	1.222	N.D. #
26)	L6 AR-1254-1	6.462	0.000	1160768	0	8.559	N.D. #
27)	L6 AR-1254-2	6.681	0.000	751393	0	3.844	N.D. #
28)	L6 AR-1254-3	7.053	0.000	974209	0	5.273	N.D. #
29)	L6 AR-1254-4	7.336	0.000	258464	0	2.549	N.D. #
30)	L6 AR-1254-5	7.763	6.714	2515345	527839	18.549	7.316 #
31)	L7 AR-1260-1	7.217	6.197	618750	344233	4.239	5.279
32)	L7 AR-1260-2	7.477	6.387	1590075	933704	9.935	12.857 #
33)	L7 AR-1260-3	7.840	6.541	1055410	1169301	7.949	16.112 #
34)	L7 AR-1260-4	8.067	7.014	992001	344568	7.202	6.205
35)	L7 AR-1260-5	8.396	7.258	2636248	736098	12.105	7.093 #
36)	L8 AR-1262-1	7.840	6.754f	1055410	334031	6.178	9.547 #
37)	L8 AR-1262-2	8.396	7.014	2636248	344568	11.341	4.877 #
38)	L8 AR-1262-3	8.709	7.543	70424	563147	0.430	11.255 #
39)	L8 AR-1262-4	8.821	7.605	278119	587145	2.776	7.080 #
40)	L8 AR-1262-5	9.477	0.000	658984	0	8.188	N.D. #
41)	L9 AR-1268-1	8.709	7.543	70424	563147	0.209	3.686 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040423\
Data File : P0093776.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Apr 2023 11:24
Operator : YP/AJ
Sample : 02157-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 17:47:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 04 06:20:55 2023
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.821	7.605	278119	587145	0.864	4.322 #
43)	L9 AR-1268-3	9.045	0.000	269075	0	0.949	N.D. #
44)	L9 AR-1268-4	9.477	0.000	658984	0	6.816	N.D. #
45)	L9 AR-1268-5	9.926	0.000	25930	0	0.031	N.D. #

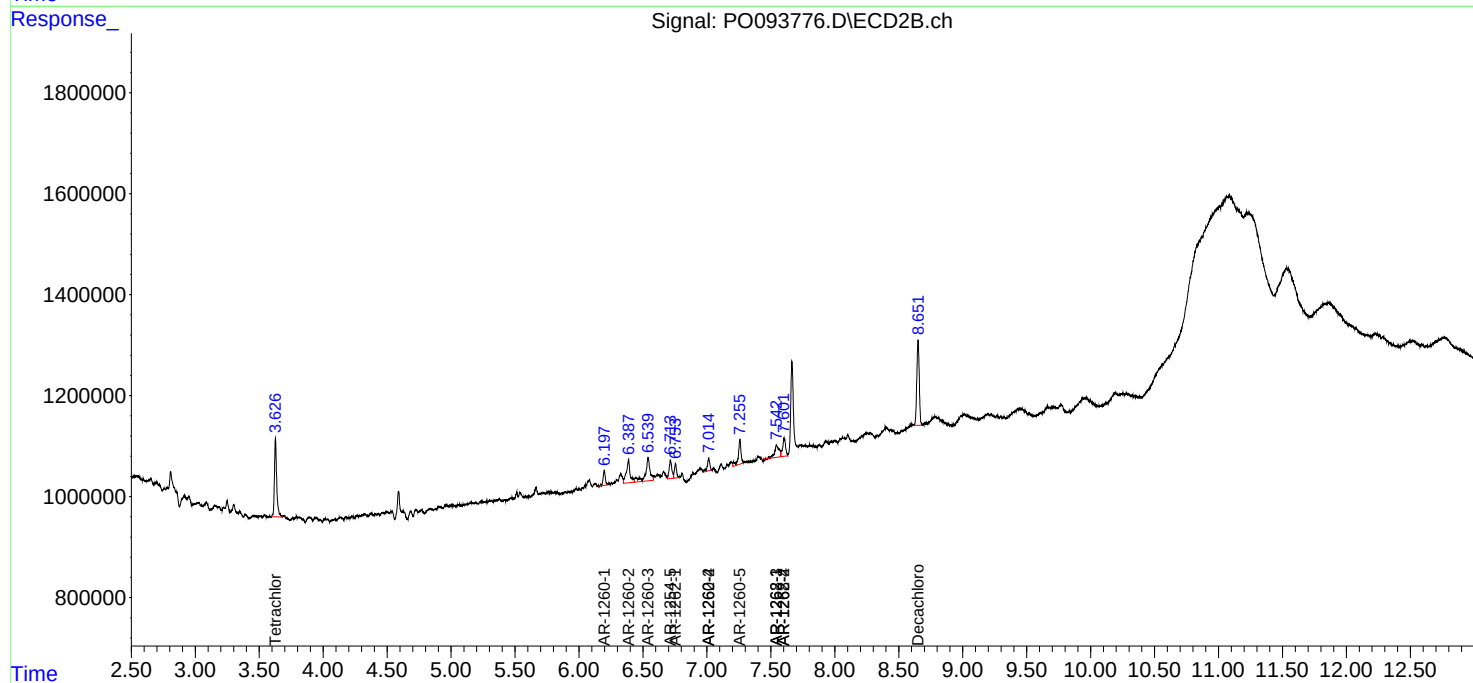
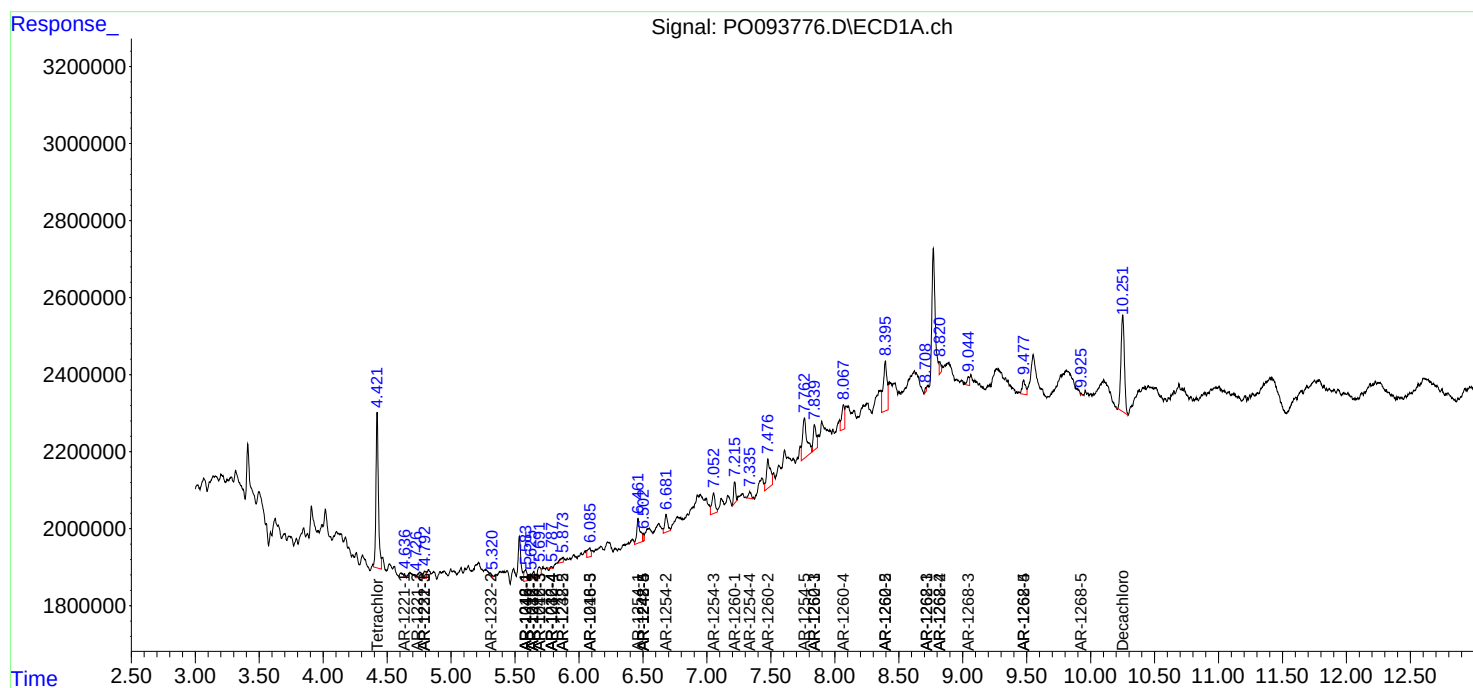
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

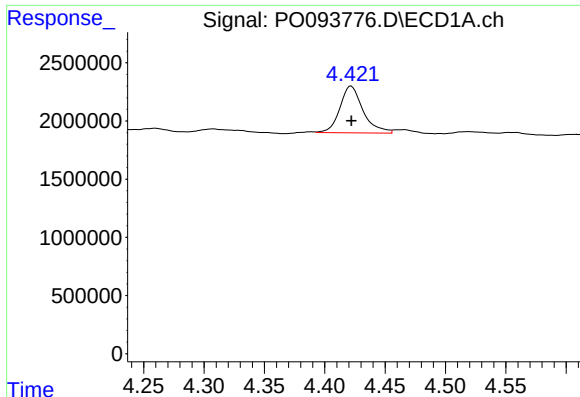
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO040423\
Data File : PO093776.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Apr 2023 11:24
Operator : YP/AJ
Sample : 02157-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 17:47:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO040323.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 04 06:20:55 2023
Response via : Initial Calibration
Integrator: ChemStation

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

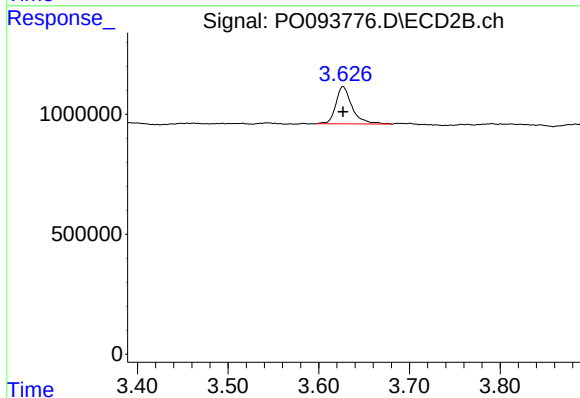




#1 Tetrachloro-m-xylene

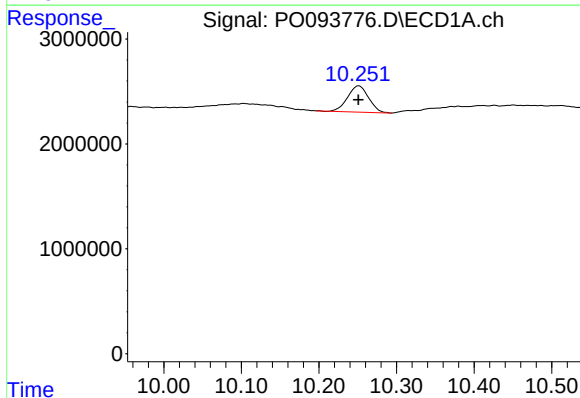
R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 5387114
Conc: 1.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



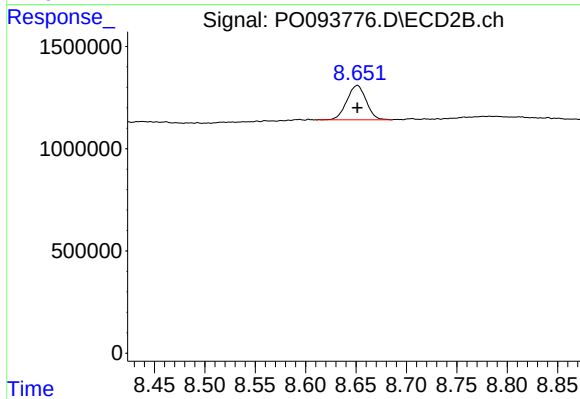
#1 Tetrachloro-m-xylene

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 1914844
Conc: 1.50 ng/ml



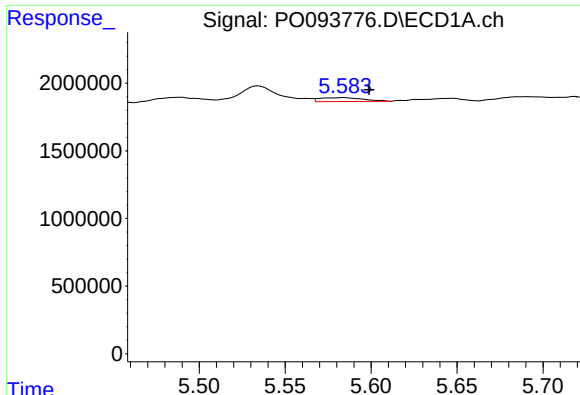
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: 0.000 min
Response: 4697861
Conc: 2.10 ng/ml



#2 Decachlorobiphenyl

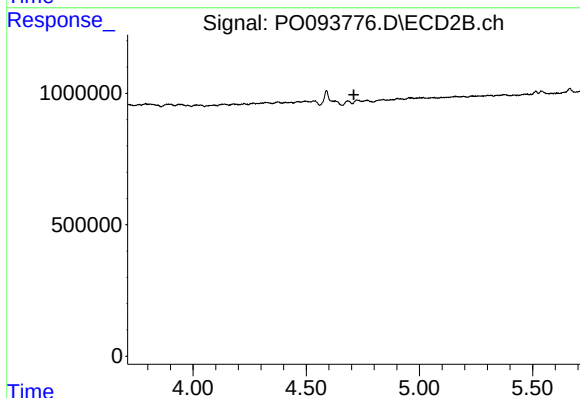
R.T.: 8.651 min
Delta R.T.: 0.000 min
Response: 2254770
Conc: 2.26 ng/ml



#3 AR-1016-1

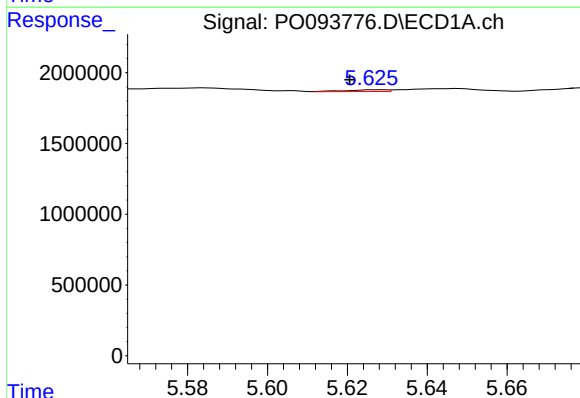
R.T.: 5.584 min
Delta R.T.: -0.015 min
Response: 504032
Conc: 4.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



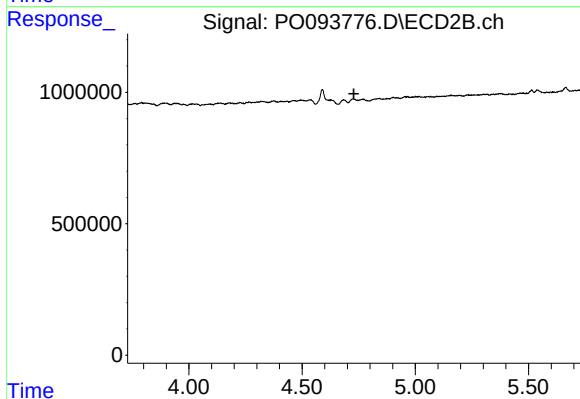
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



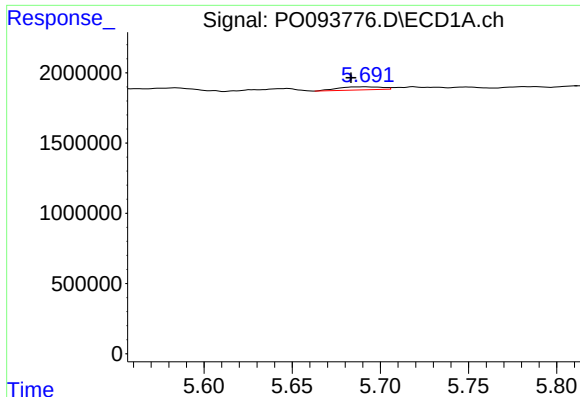
#4 AR-1016-2

R.T.: 5.628 min
Delta R.T.: 0.007 min
Response: 87432
Conc: 0.56 ng/ml



#4 AR-1016-2

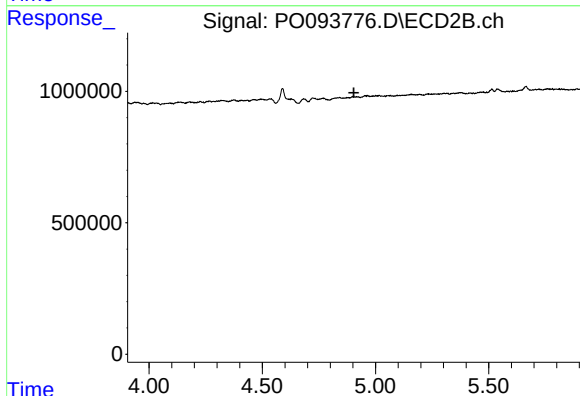
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

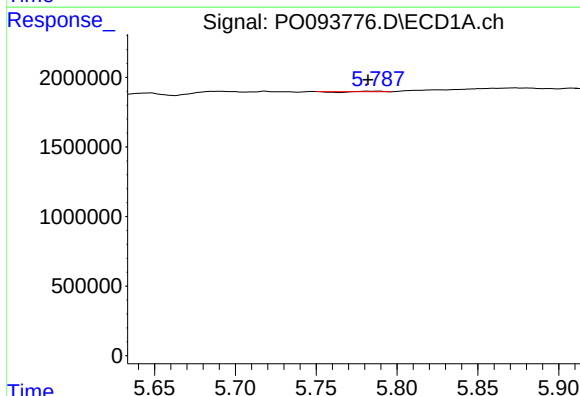
R.T.: 5.692 min
Delta R.T.: 0.008 min
Response: 393618
Conc: 3.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



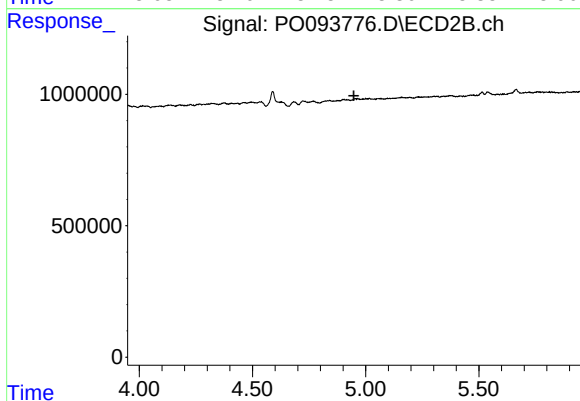
#5 AR-1016-3

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



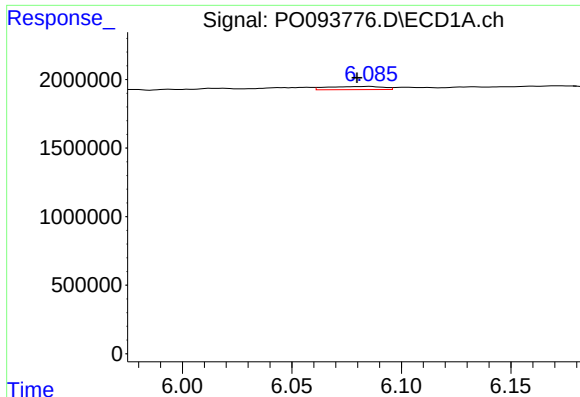
#6 AR-1016-4

R.T.: 5.788 min
Delta R.T.: 0.006 min
Response: 1261
Conc: 0.02 ng/ml



#6 AR-1016-4

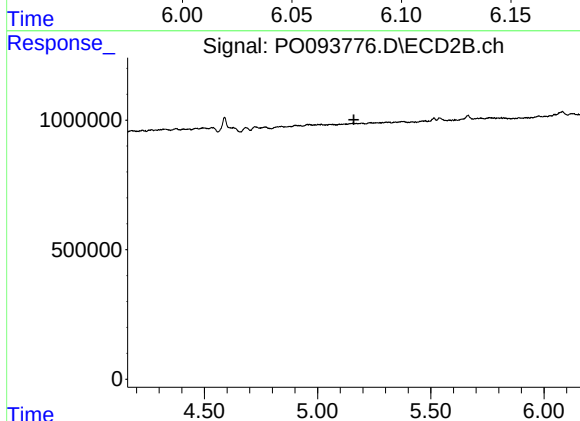
R.T.: 0.000 min
Exp R.T. : 4.948 min
Response: 0
Conc: N.D.



#7 AR-1016-5

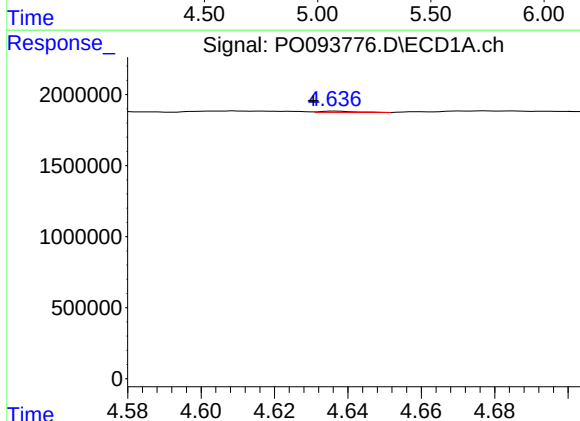
R.T.: 6.086 min
Delta R.T.: 0.006 min
Response: 404230
Conc: 4.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



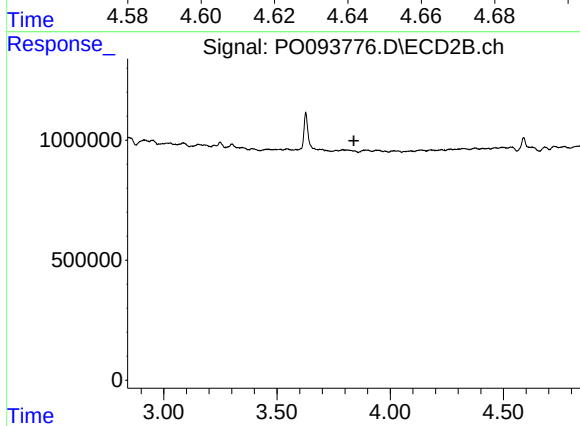
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



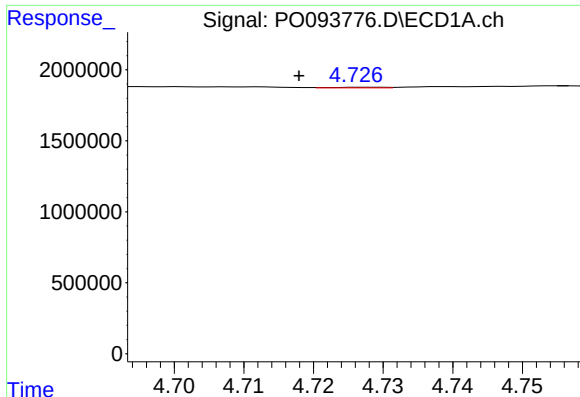
#8 AR-1221-1

R.T.: 4.637 min
Delta R.T.: 0.006 min
Response: 55775
Conc: 1.21 ng/ml



#8 AR-1221-1

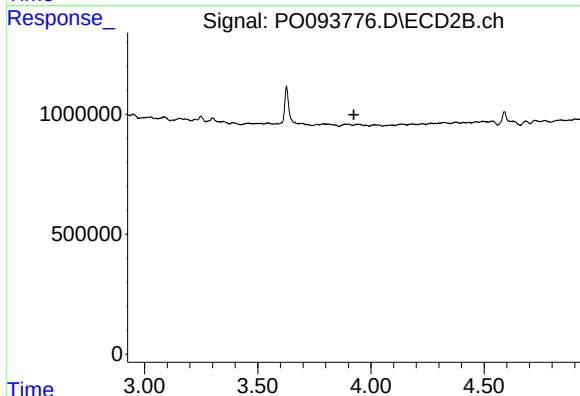
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

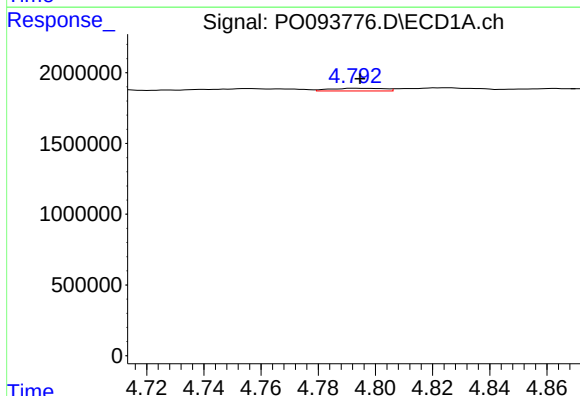
R.T.: 4.728 min
Delta R.T.: 0.010 min
Response: 27990
Conc: 0.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



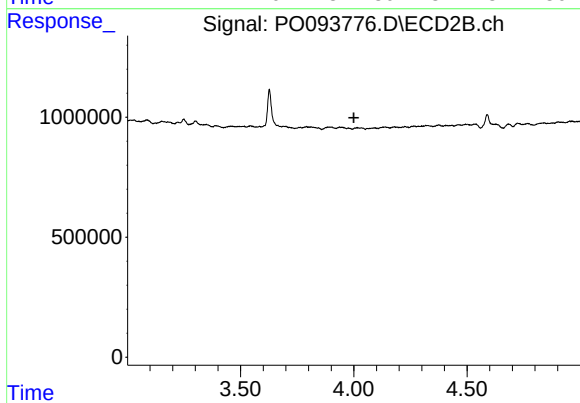
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.925 min
Response: 0
Conc: N.D.



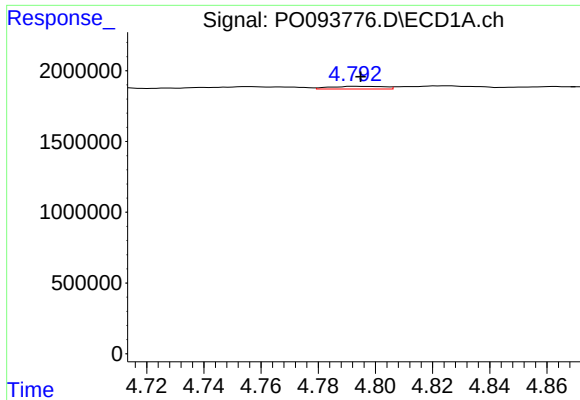
#10 AR-1221-3

R.T.: 4.793 min
Delta R.T.: -0.002 min
Response: 246557
Conc: 2.35 ng/ml



#10 AR-1221-3

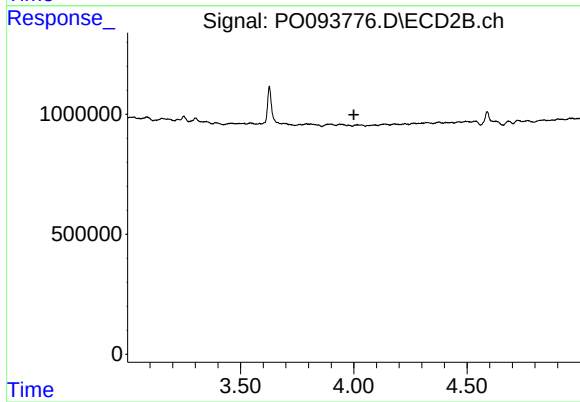
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#11 AR-1232-1

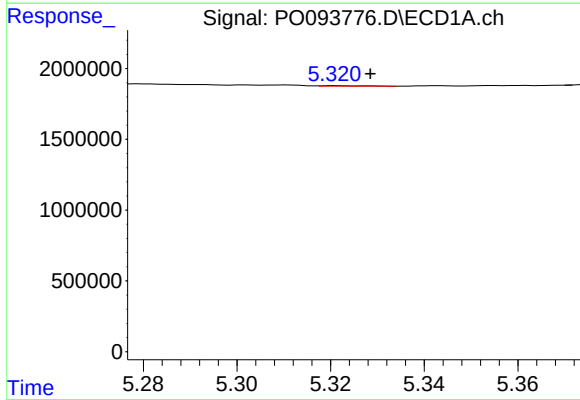
R.T.: 4.793 min
Delta R.T.: -0.002 min
Response: 246557
Conc: 2.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



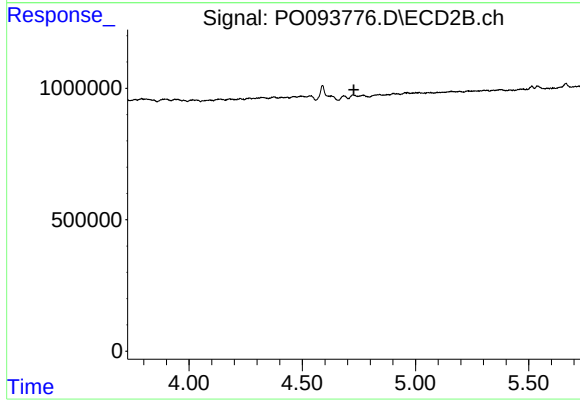
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



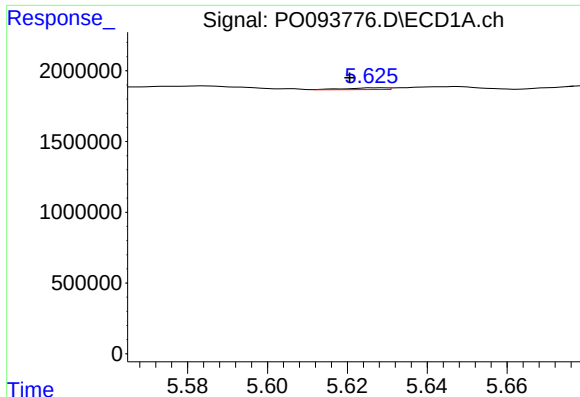
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: -0.007 min
Response: 18936
Conc: 0.44 ng/ml



#12 AR-1232-2

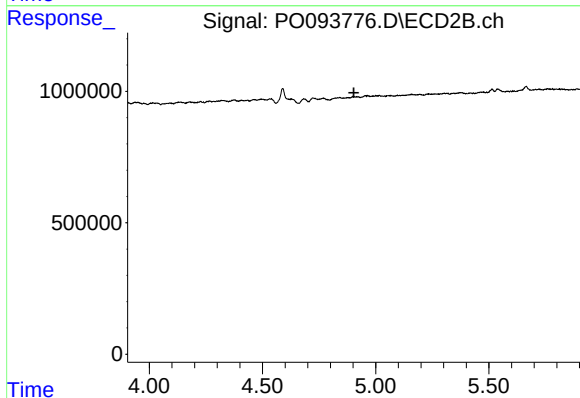
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

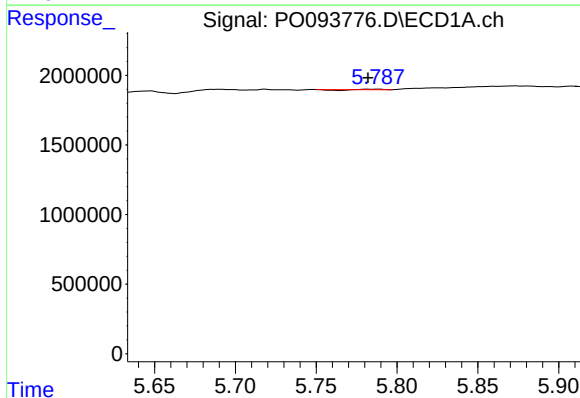
R.T.: 5.628 min
Delta R.T.: 0.007 min
Response: 87432
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



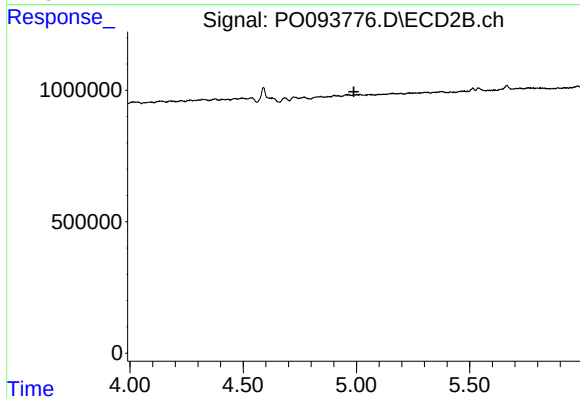
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



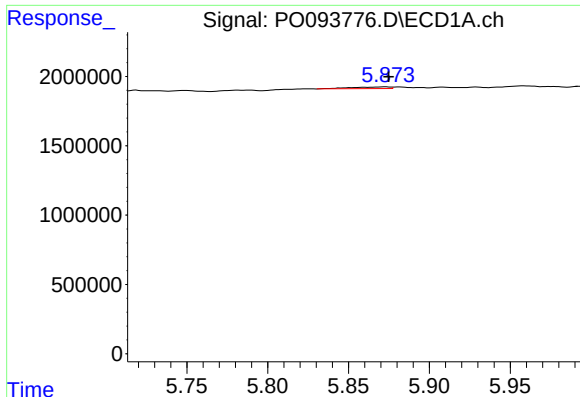
#14 AR-1232-4

R.T.: 5.788 min
Delta R.T.: 0.006 min
Response: 1261
Conc: 0.04 ng/ml



#14 AR-1232-4

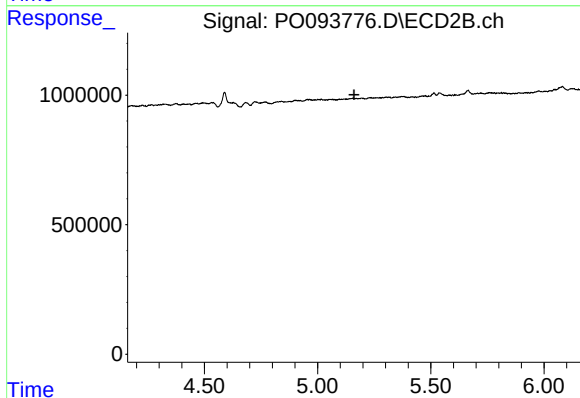
R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



#15 AR-1232-5

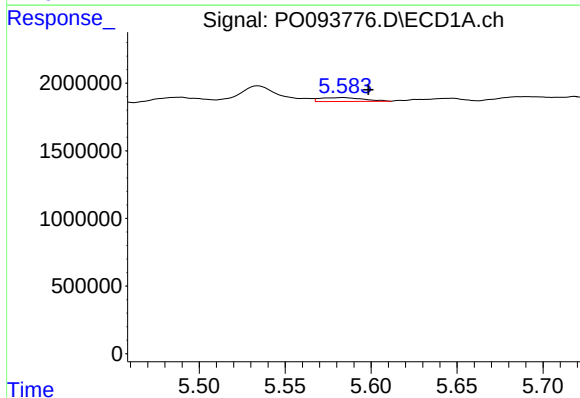
R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 201845
Conc: 6.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



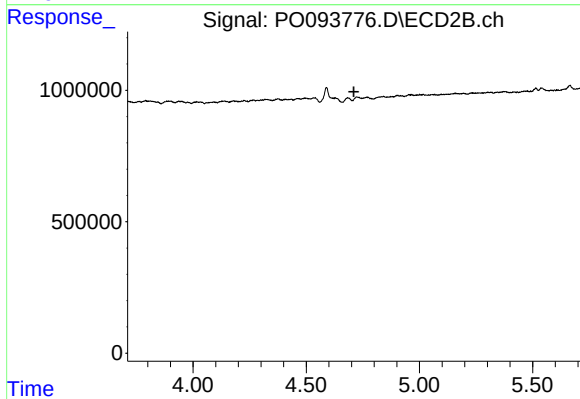
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



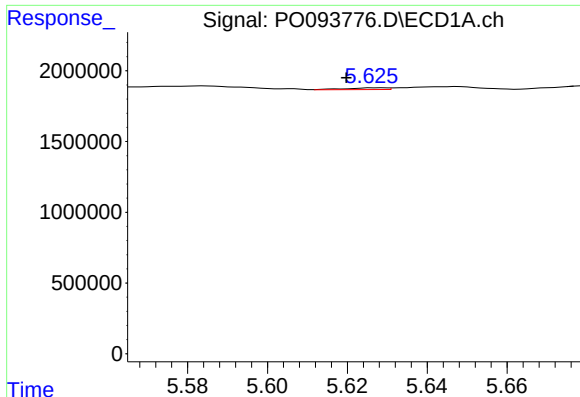
#16 AR-1242-1

R.T.: 5.584 min
Delta R.T.: -0.015 min
Response: 504032
Conc: 5.77 ng/ml



#16 AR-1242-1

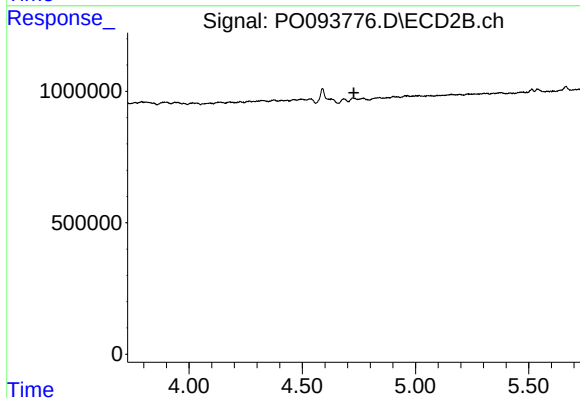
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

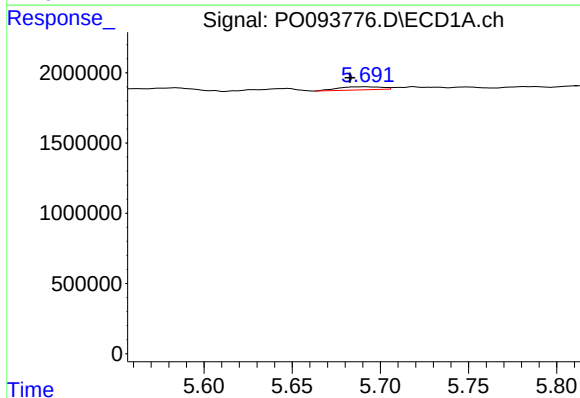
R.T.: 5.628 min
Delta R.T.: 0.008 min
Response: 87432
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



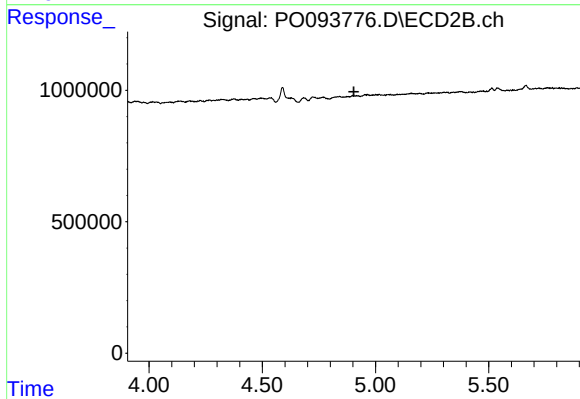
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



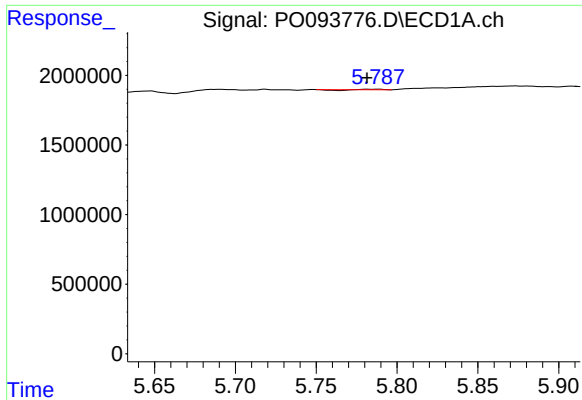
#18 AR-1242-3

R.T.: 5.692 min
Delta R.T.: 0.009 min
Response: 393618
Conc: 4.64 ng/ml



#18 AR-1242-3

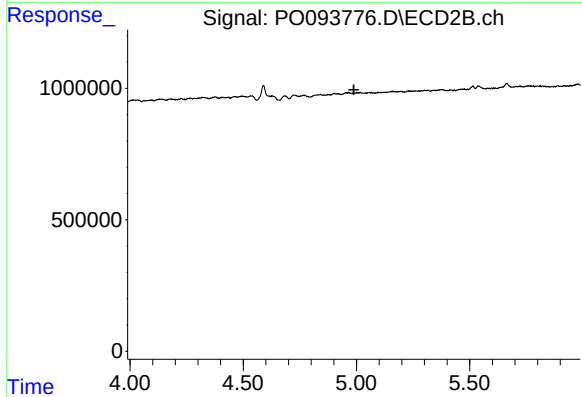
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#19 AR-1242-4

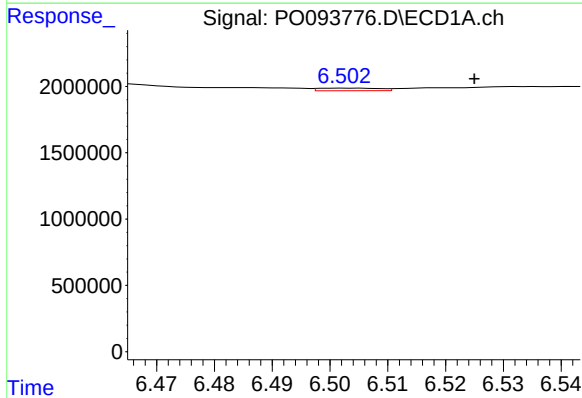
R.T.: 5.788 min
Delta R.T.: 0.007 min
Response: 1261
Conc: 0.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



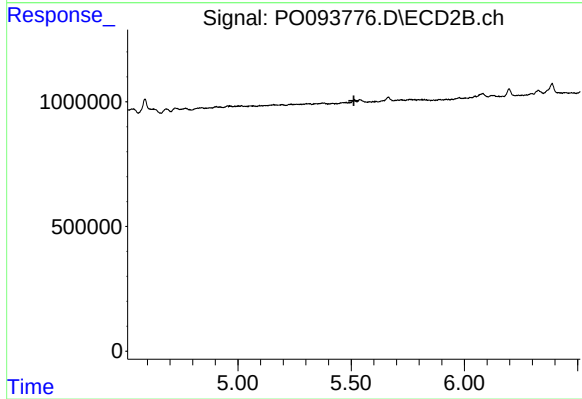
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



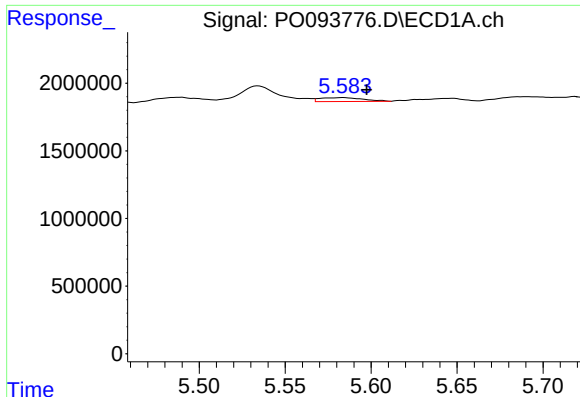
#20 AR-1242-5

R.T.: 6.504 min
Delta R.T.: -0.021 min
Response: 141751
Conc: 2.11 ng/ml



#20 AR-1242-5

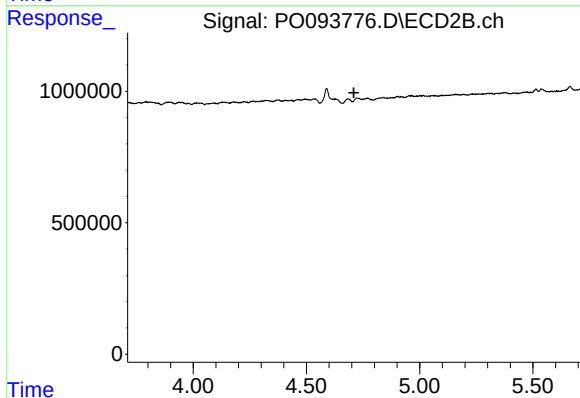
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#21 AR-1248-1

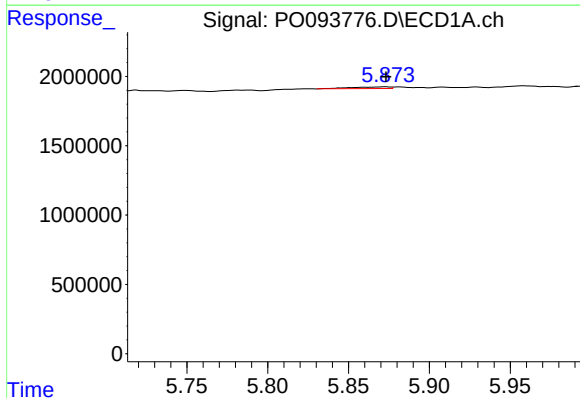
R.T.: 5.584 min
Delta R.T.: -0.014 min
Response: 504032
Conc: 7.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



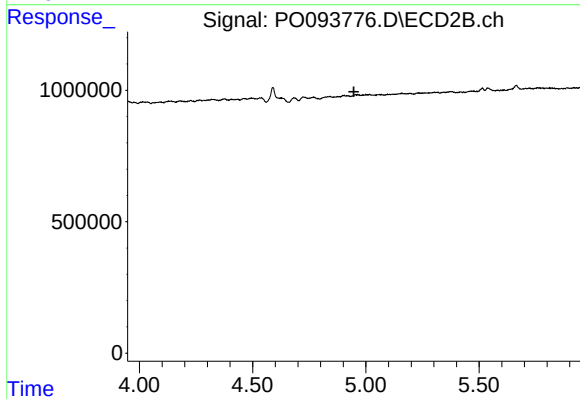
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



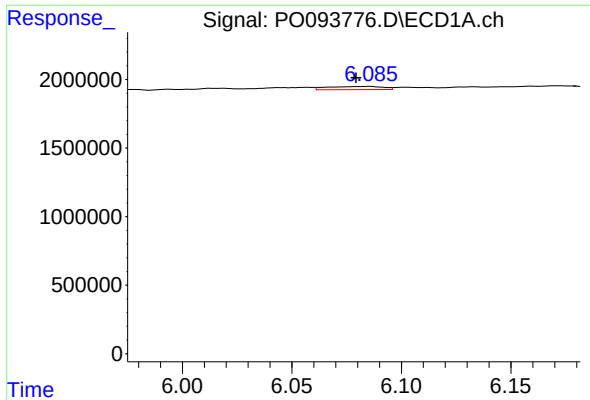
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 201845
Conc: 1.85 ng/ml



#22 AR-1248-2

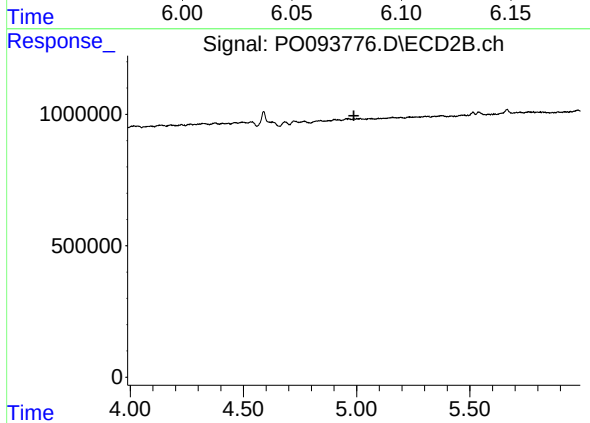
R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#23 AR-1248-3

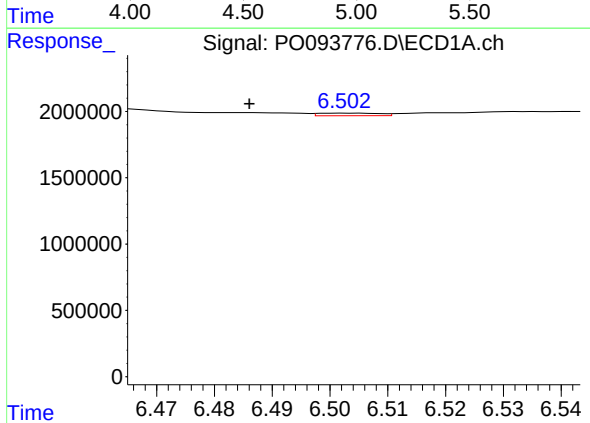
R.T.: 6.086 min
Delta R.T.: 0.006 min
Response: 404230
Conc: 3.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



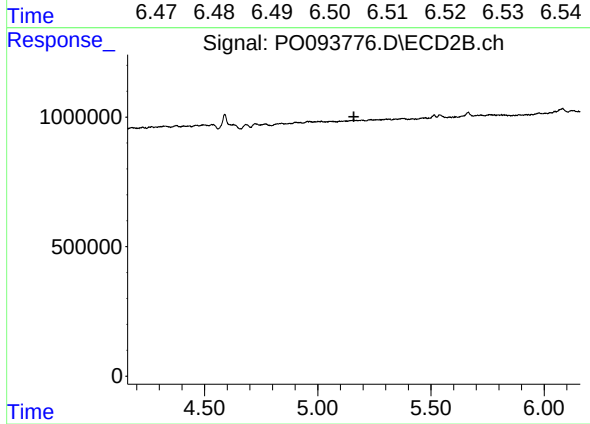
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



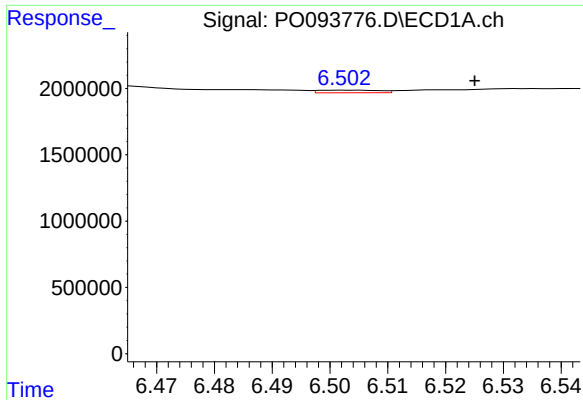
#24 AR-1248-4

R.T.: 6.504 min
Delta R.T.: 0.018 min
Response: 141751
Conc: 1.32 ng/ml



#24 AR-1248-4

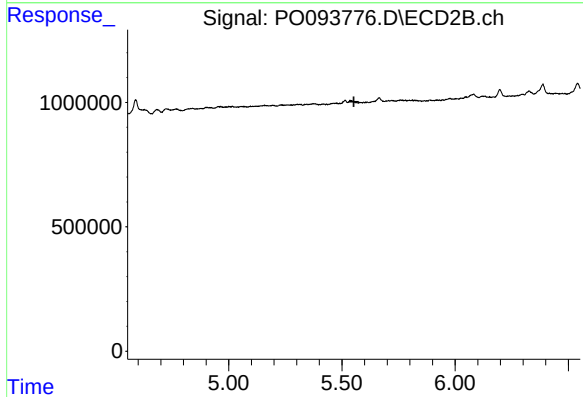
R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

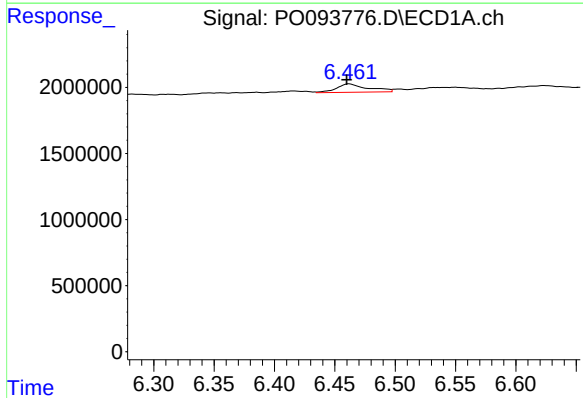
R.T.: 6.504 min
Delta R.T.: -0.021 min
Response: 141751
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



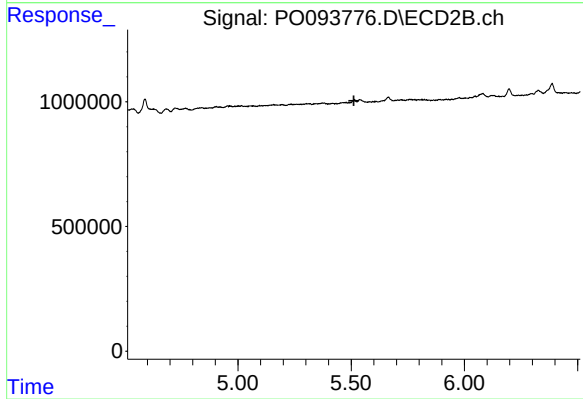
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.553 min
Response: 0
Conc: N.D.



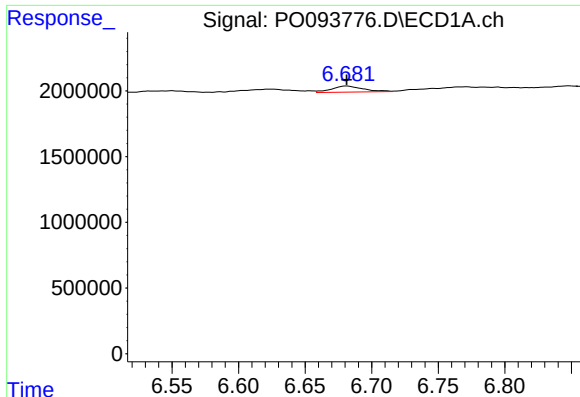
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: 0.002 min
Response: 1160768
Conc: 8.56 ng/ml



#26 AR-1254-1

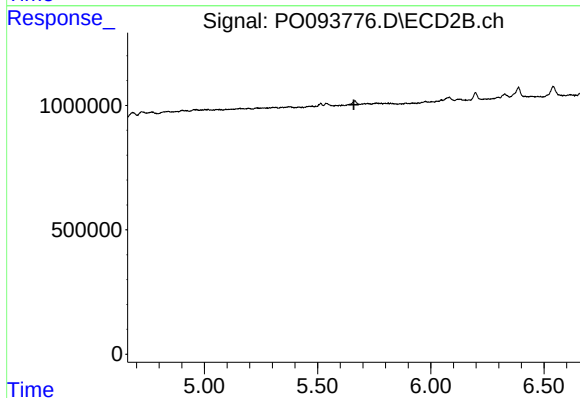
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#27 AR-1254-2

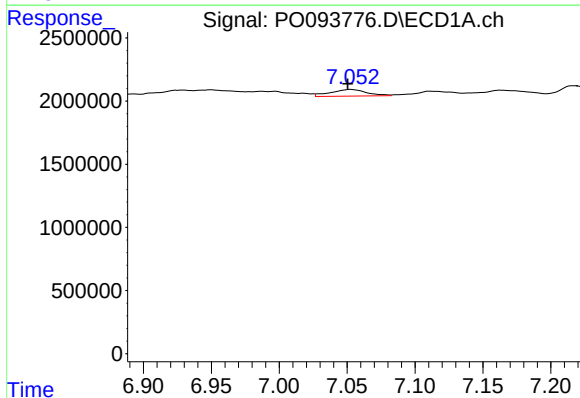
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 751393
Conc: 3.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



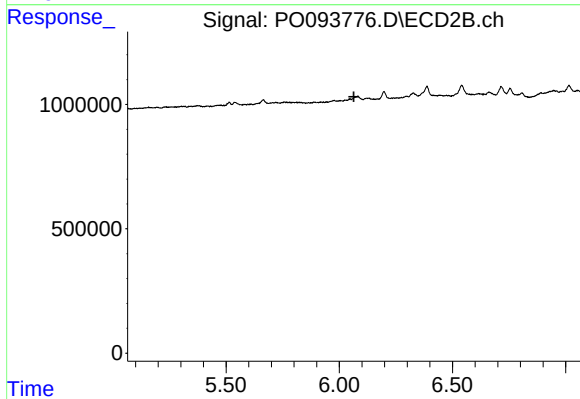
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.660 min
Response: 0
Conc: N.D.



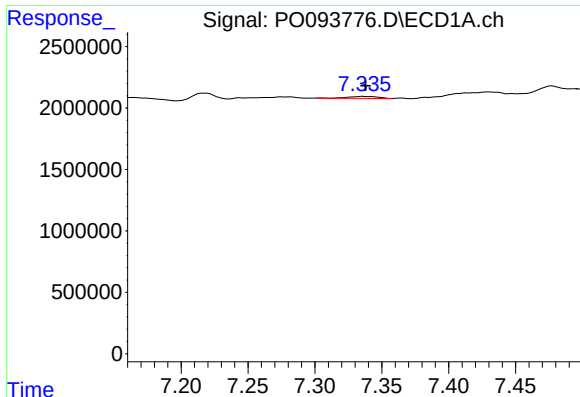
#28 AR-1254-3

R.T.: 7.053 min
Delta R.T.: 0.002 min
Response: 974209
Conc: 5.27 ng/ml



#28 AR-1254-3

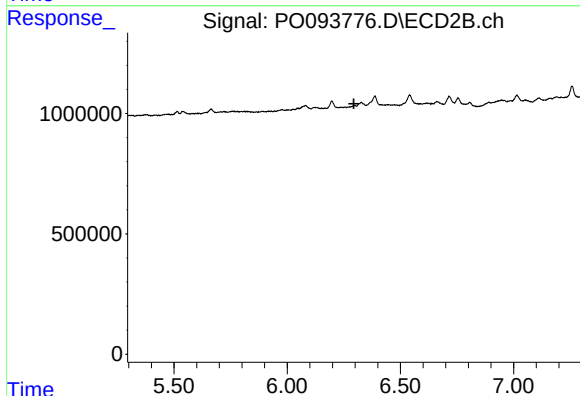
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

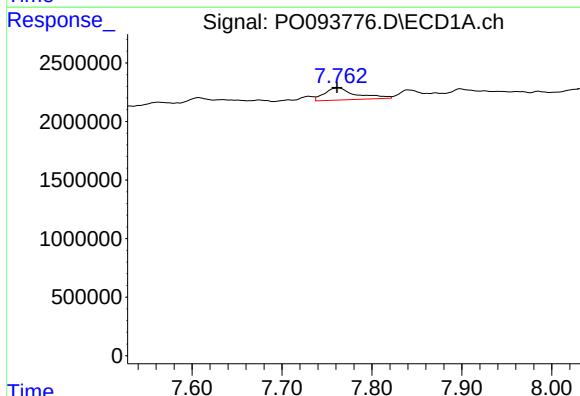
R.T.: 7.336 min
Delta R.T.: -0.002 min
Response: 258464
Conc: 2.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



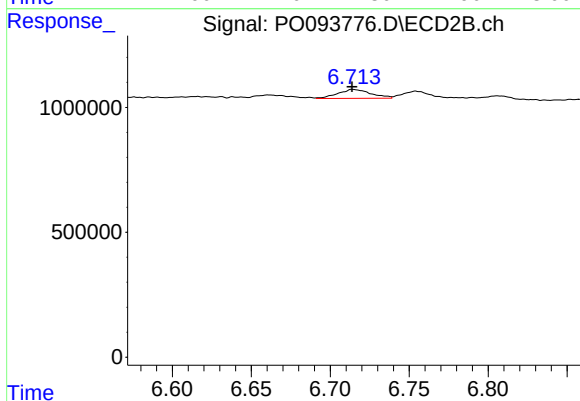
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.295 min
Response: 0
Conc: N.D.



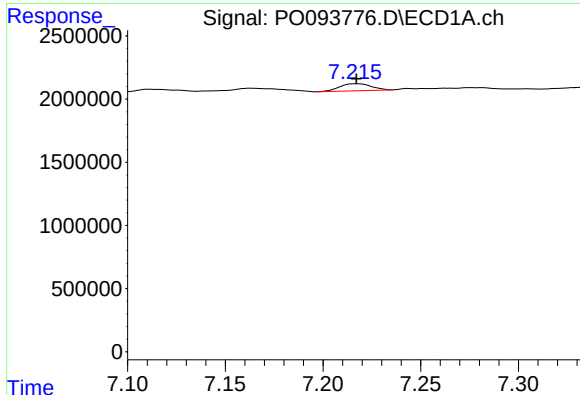
#30 AR-1254-5

R.T.: 7.763 min
Delta R.T.: 0.002 min
Response: 2515345
Conc: 18.55 ng/ml



#30 AR-1254-5

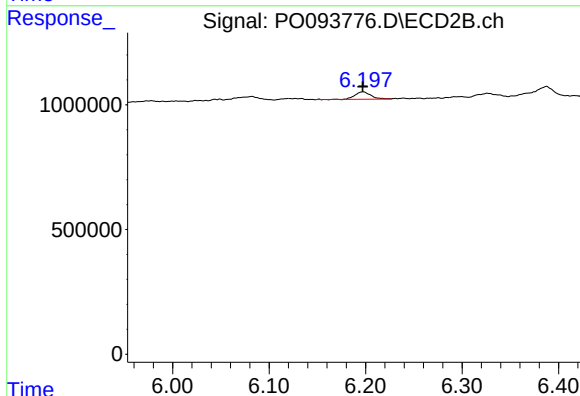
R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 527839
Conc: 7.32 ng/ml



#31 AR-1260-1

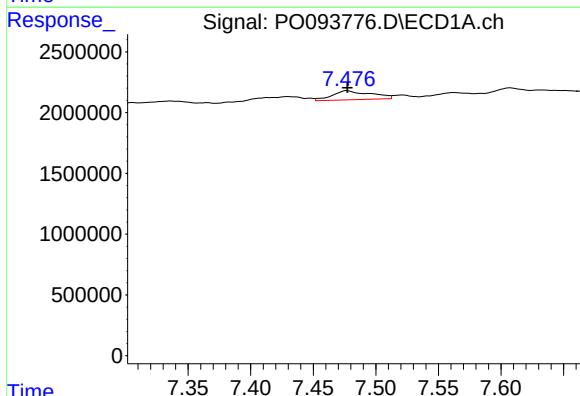
R.T.: 7.217 min
Delta R.T.: 0.000 min
Response: 618750
Conc: 4.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



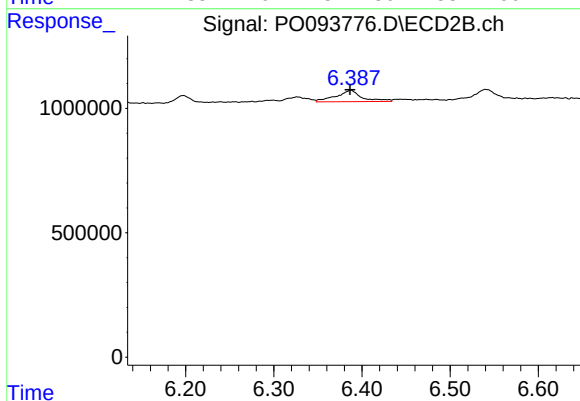
#31 AR-1260-1

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 344233
Conc: 5.28 ng/ml



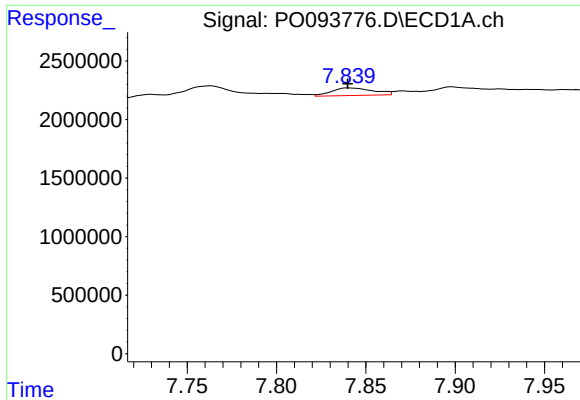
#32 AR-1260-2

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 1590075
Conc: 9.93 ng/ml



#32 AR-1260-2

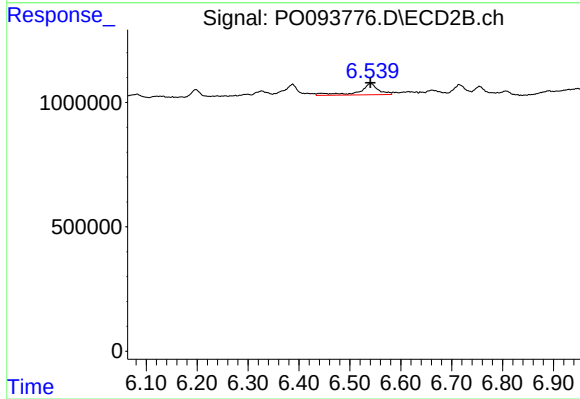
R.T.: 6.387 min
Delta R.T.: 0.000 min
Response: 933704
Conc: 12.86 ng/ml



#33 AR-1260-3

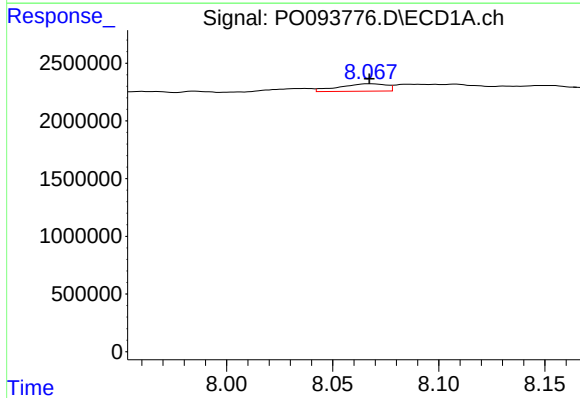
R.T.: 7.840 min
Delta R.T.: 0.000 min
Response: 1055410
Conc: 7.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



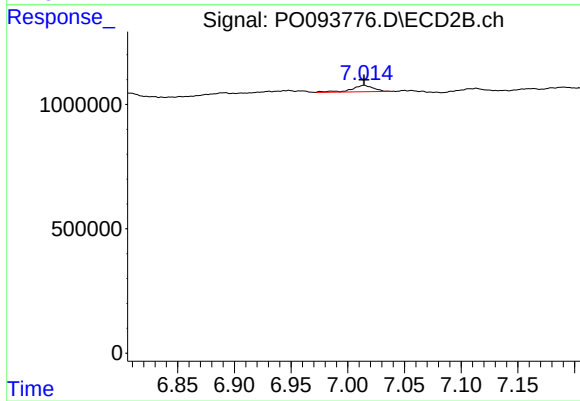
#33 AR-1260-3

R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 1169301
Conc: 16.11 ng/ml



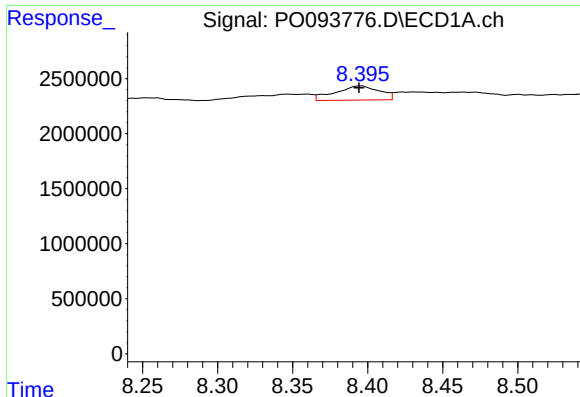
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 992001
Conc: 7.20 ng/ml



#34 AR-1260-4

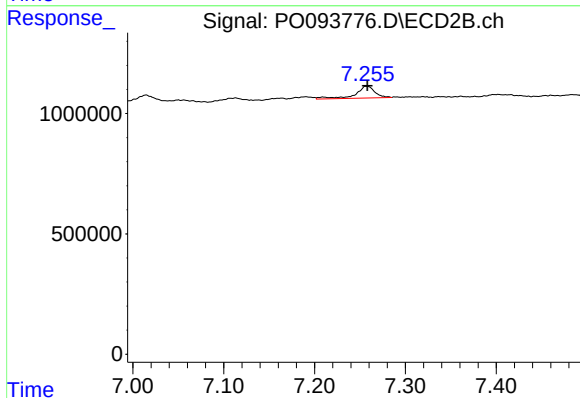
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 344568
Conc: 6.20 ng/ml



#35 AR-1260-5

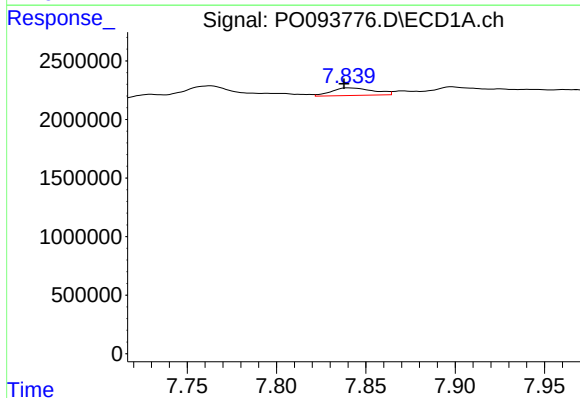
R.T.: 8.396 min
Delta R.T.: 0.001 min
Response: 2636248
Conc: 12.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



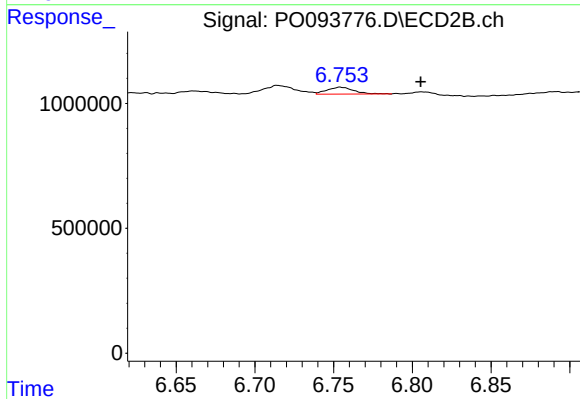
#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 736098
Conc: 7.09 ng/ml



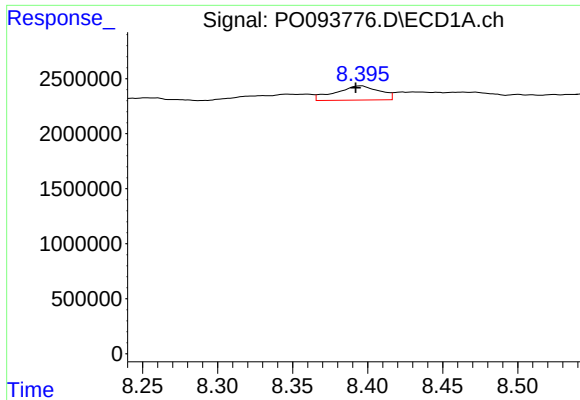
#36 AR-1262-1

R.T.: 7.840 min
Delta R.T.: 0.003 min
Response: 1055410
Conc: 6.18 ng/ml



#36 AR-1262-1

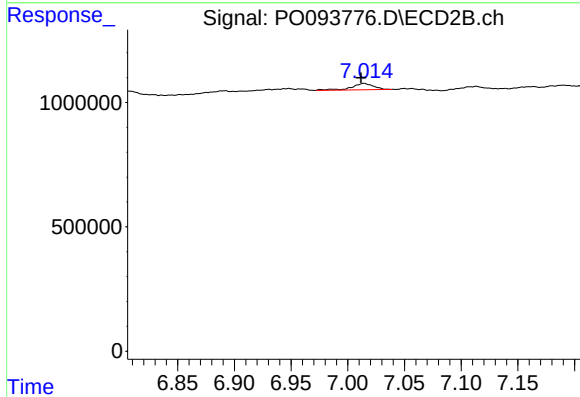
R.T.: 6.754 min
Delta R.T.: -0.051 min
Response: 334031
Conc: 9.55 ng/ml



#37 AR-1262-2

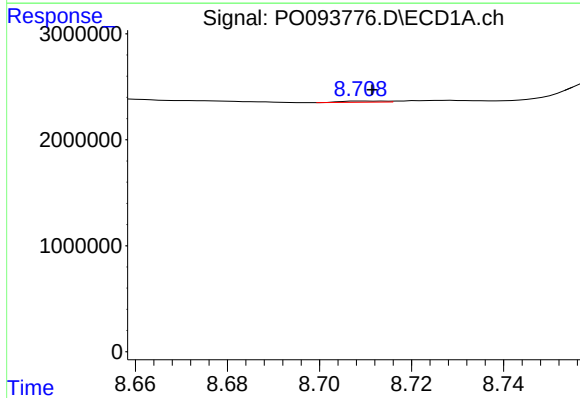
R.T.: 8.396 min
Delta R.T.: 0.004 min
Response: 2636248
Conc: 11.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



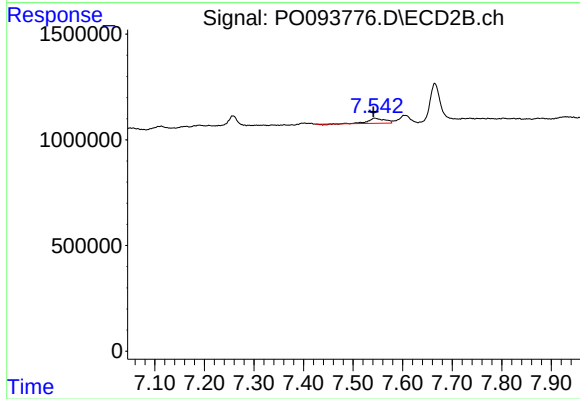
#37 AR-1262-2

R.T.: 7.014 min
Delta R.T.: 0.003 min
Response: 344568
Conc: 4.88 ng/ml



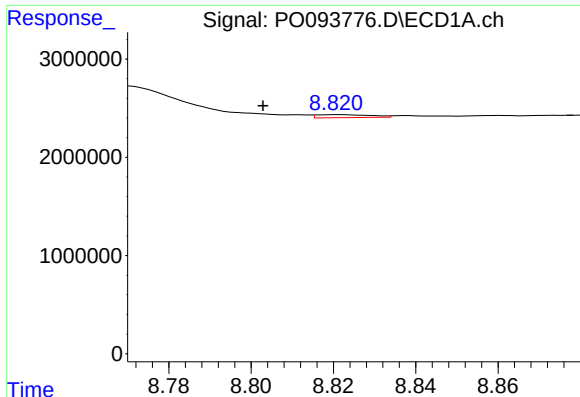
#38 AR-1262-3

R.T.: 8.709 min
Delta R.T.: -0.002 min
Response: 70424
Conc: 0.43 ng/ml



#38 AR-1262-3

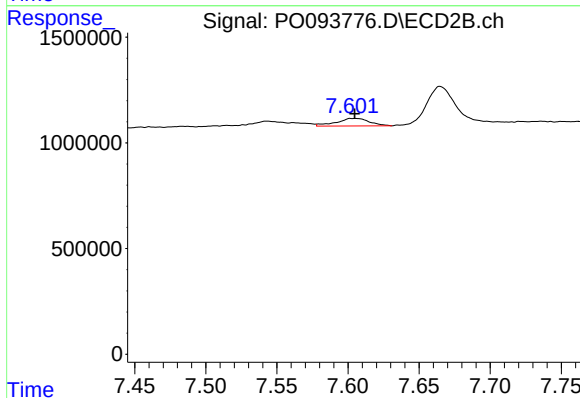
R.T.: 7.543 min
Delta R.T.: 0.003 min
Response: 563147
Conc: 11.26 ng/ml



#39 AR-1262-4

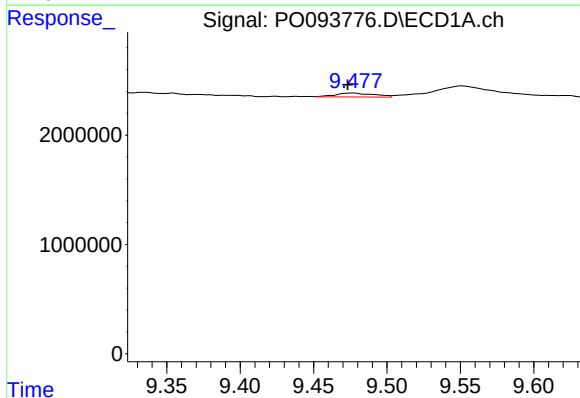
R.T.: 8.821 min
Delta R.T.: 0.019 min
Response: 278119
Conc: 2.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



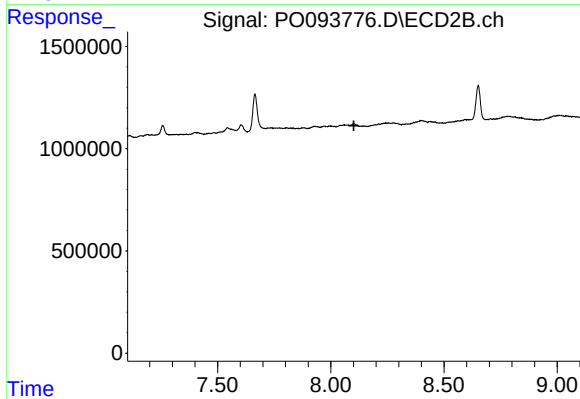
#39 AR-1262-4

R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 587145
Conc: 7.08 ng/ml



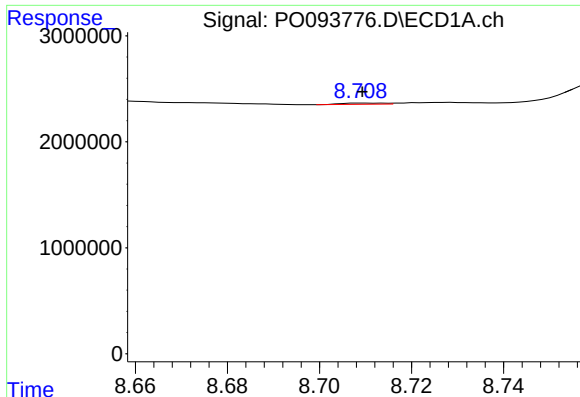
#40 AR-1262-5

R.T.: 9.477 min
Delta R.T.: 0.004 min
Response: 658984
Conc: 8.19 ng/ml



#40 AR-1262-5

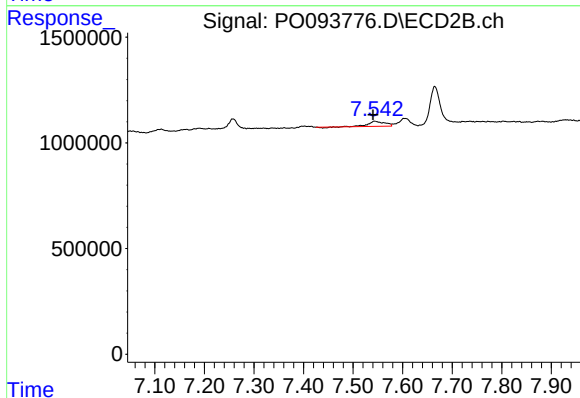
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

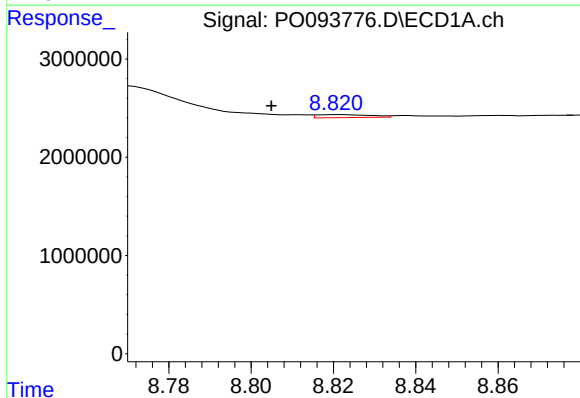
R.T.: 8.709 min
Delta R.T.: 0.000 min
Response: 70424
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



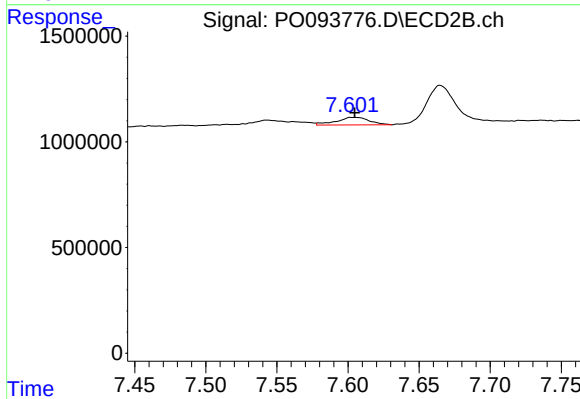
#41 AR-1268-1

R.T.: 7.543 min
Delta R.T.: 0.003 min
Response: 563147
Conc: 3.69 ng/ml



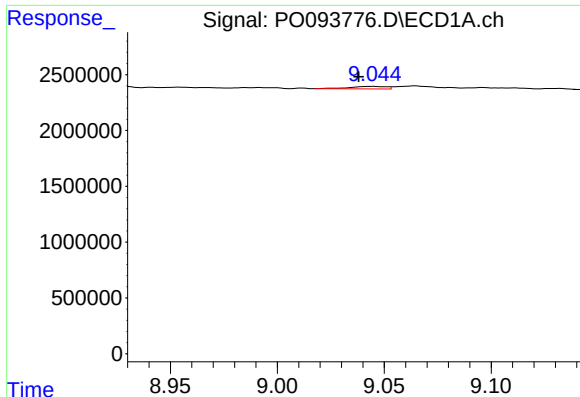
#42 AR-1268-2

R.T.: 8.821 min
Delta R.T.: 0.017 min
Response: 278119
Conc: 0.86 ng/ml



#42 AR-1268-2

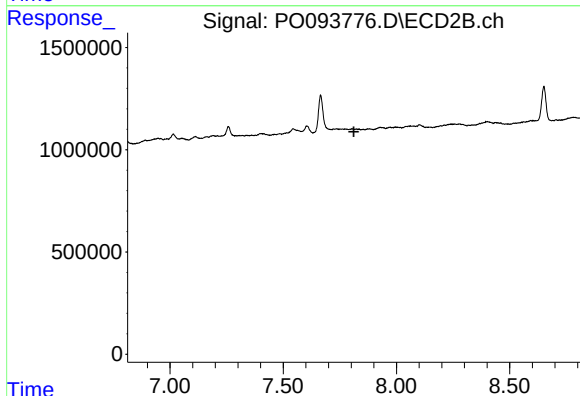
R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 587145
Conc: 4.32 ng/ml



#43 AR-1268-3

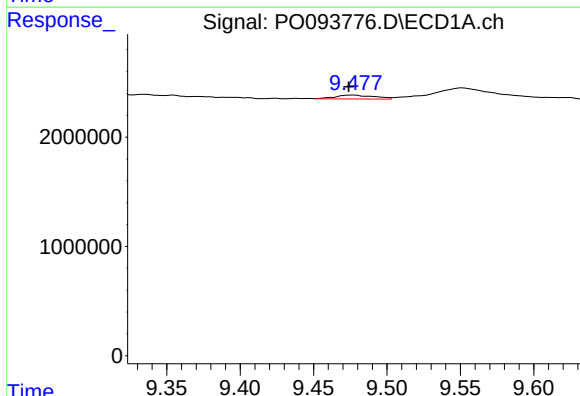
R.T.: 9.045 min
Delta R.T.: 0.006 min
Response: 269075
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



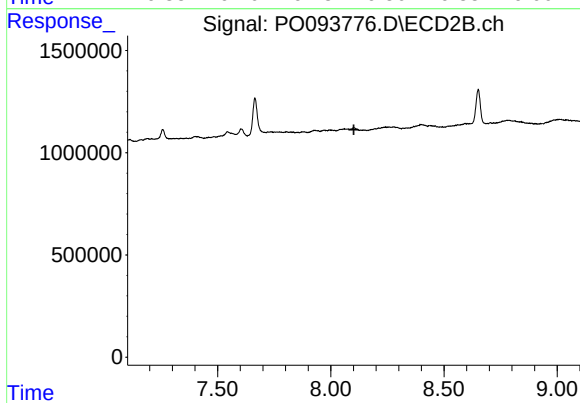
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



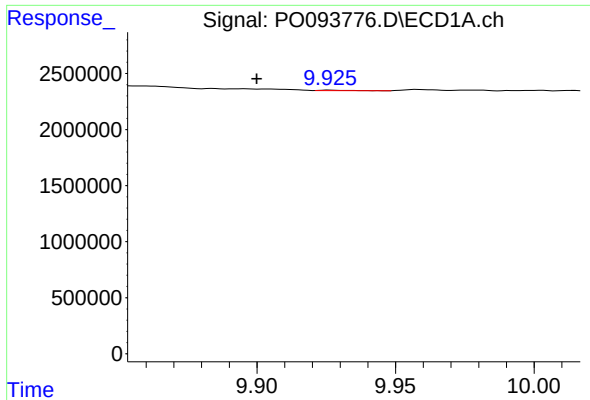
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: 0.004 min
Response: 658984
Conc: 6.82 ng/ml



#44 AR-1268-4

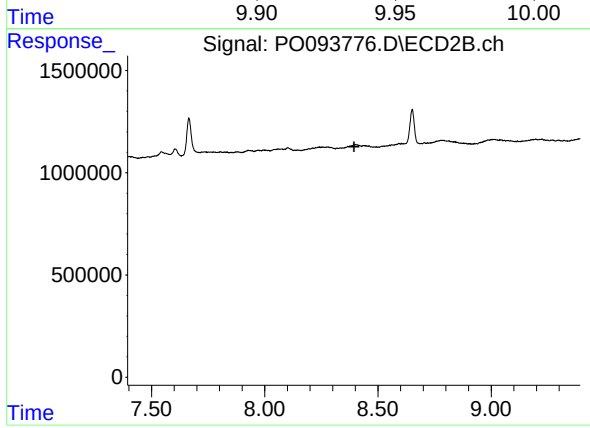
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.926 min
Delta R.T.: 0.027 min
Response: 25930
Conc: 0.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.394 min
Response: 0
Conc: N.D.