

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032123\
 Data File : P0093396.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2023 00:15
 Operator : YP/AJ
 Sample : 02013-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 04:02:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 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...	4.425	3.631	61040248	22238264	19.492	19.717
2)	SA Decachlor...	10.250	8.656	33049825	14789709	15.271	15.105
Target Compounds							
3)	L1 AR-1016-1	5.603	0.000	1156969	0	12.108	N.D. #
4)	L1 AR-1016-2	5.624	0.000	1457459	0	10.207	N.D. #
5)	L1 AR-1016-3	5.669	0.000	2105891	0	23.210	N.D. #
6)	L1 AR-1016-4	5.787	0.000	8653	0	0.128	N.D. #
7)	L1 AR-1016-5	6.098	0.000	1296240	0	17.313	N.D. #
8)	L2 AR-1221-1	4.628	0.000	2665409	0	65.939	N.D. #
9)	L2 AR-1221-2	4.731	3.930	3450599	835878	113.863	76.541 #
10)	L2 AR-1221-3	4.815	3.977	3052721	2037083	33.392	59.796 #
11)	L3 AR-1232-1	4.815	3.977	3052721	2037083	41.813	72.124 #
12)	L3 AR-1232-2	5.359	0.000	457472	0	12.723	N.D. #
13)	L3 AR-1232-3	5.624	0.000	1457459	0	22.263	N.D. #
14)	L3 AR-1232-4	5.787	0.000	8653	0	0.283	N.D. #
15)	L3 AR-1232-5	5.874	0.000	34498	0	1.243	N.D. #
16)	L4 AR-1242-1	5.603	0.000	1156969	0	14.116	N.D. #
17)	L4 AR-1242-2	5.624	0.000	1457459	0	12.143	N.D. #
18)	L4 AR-1242-3	5.669	0.000	2105891	0	27.439	N.D. #
19)	L4 AR-1242-4	5.787	0.000	8653	0	0.151	N.D. #
20)	L4 AR-1242-5	6.535	0.000	707189	0	11.317	N.D. #
21)	L5 AR-1248-1	5.603	0.000	1156969	0	18.612	N.D. #
22)	L5 AR-1248-2	5.874	0.000	34498	0	0.361	N.D. #
23)	L5 AR-1248-3	6.098	0.000	1296240	0	12.457	N.D. #
24)	L5 AR-1248-4	6.492	0.000	1348869	0	13.246	N.D. #
25)	L5 AR-1248-5	6.535	0.000	707189	0	6.909	N.D. #
26)	L6 AR-1254-1	6.467	0.000	499423	0	4.274	N.D. #
27)	L6 AR-1254-2	6.687	0.000	922235	0	5.397	N.D. #
28)	L6 AR-1254-3	7.053	0.000	679069	0	4.085	N.D. #
29)	L6 AR-1254-4	7.349	0.000	1048347	0	9.835	N.D. #
30)	L6 AR-1254-5	7.776	0.000	1864928	0	13.773	N.D. #
31)	L7 AR-1260-1	7.248	0.000	676871	0	5.225	N.D. #
32)	L7 AR-1260-2	7.478	6.450f	218423	466381	1.480	6.451 #
33)	L7 AR-1260-3	7.854	0.000	629856	0	5.600	N.D. #
34)	L7 AR-1260-4	8.062	0.000	24439	0	0.191	N.D. #
35)	L7 AR-1260-5	8.415	0.000	50443	0	0.226	N.D. #
36)	L8 AR-1262-1	7.776	0.000	1864928	0	18.761	N.D. #
37)	L8 AR-1262-2	8.415	0.000	50443	0	0.213	N.D. #
38)	L8 AR-1262-3	8.733	0.000	339523	0	2.010	N.D. #
39)	L8 AR-1262-4	8.818	0.000	222908	0	2.489	N.D. #
40)	L8 AR-1262-5	9.466	0.000	529390	0	5.543	N.D. #
41)	L9 AR-1268-1	8.733	0.000	339523	0	1.063	N.D. #

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Acq On : 22 Mar 2023 00:15
Operator : YP/AJ
Sample : 02013-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

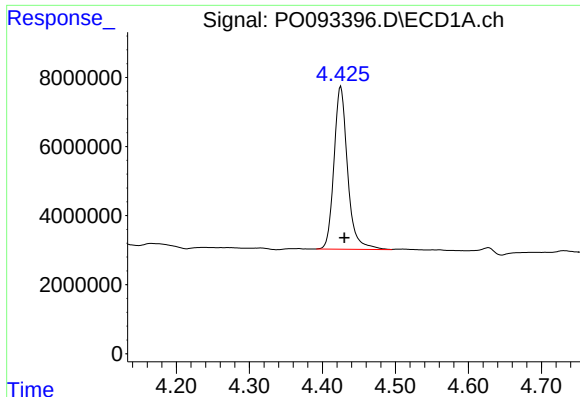
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 04:02:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 14 05:32:59 2023
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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	
42)	L9 AR-1268-2	8.818	0.000	222908	0	0.768	N.D.	#
43)	L9 AR-1268-3	9.053	0.000	177938	0	0.697	N.D.	#
44)	L9 AR-1268-4	9.466	0.000	529390	0	4.957	N.D.	#
45)	L9 AR-1268-5	9.917	0.000	31317	0	0.039	N.D.	#

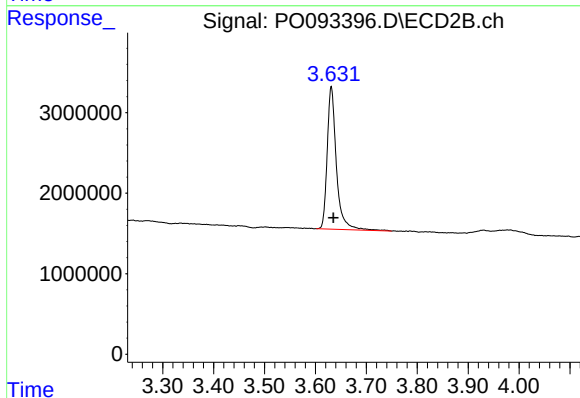
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

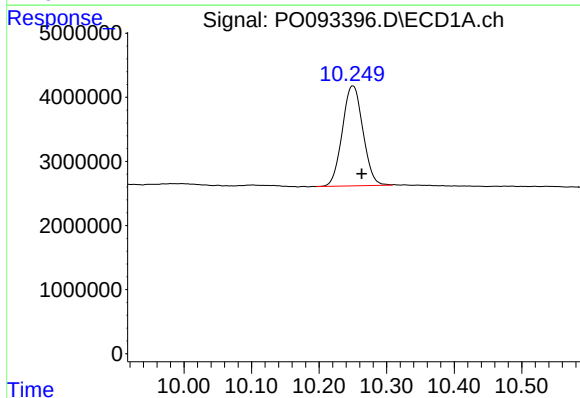
R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 61040248
Conc: 19.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



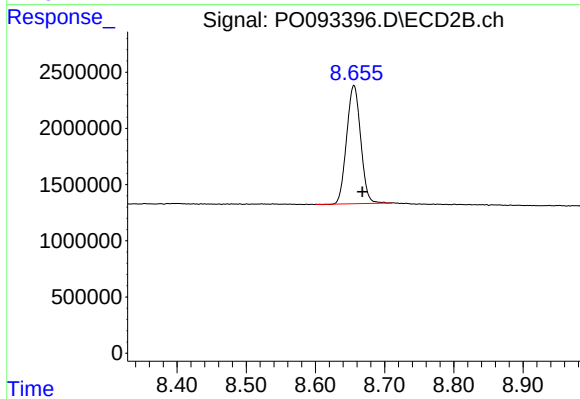
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: -0.004 min
Response: 22238264
Conc: 19.72 ng/ml



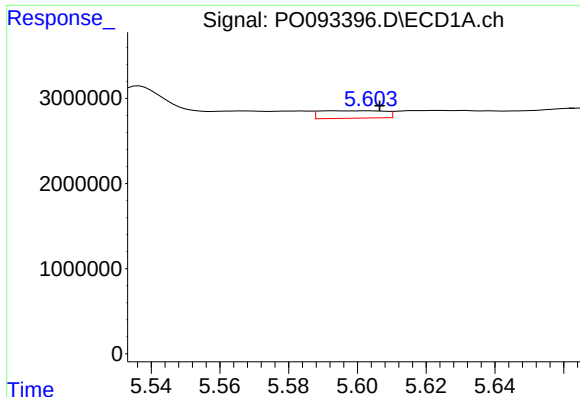
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.013 min
Response: 33049825
Conc: 15.27 ng/ml



#2 Decachlorobiphenyl

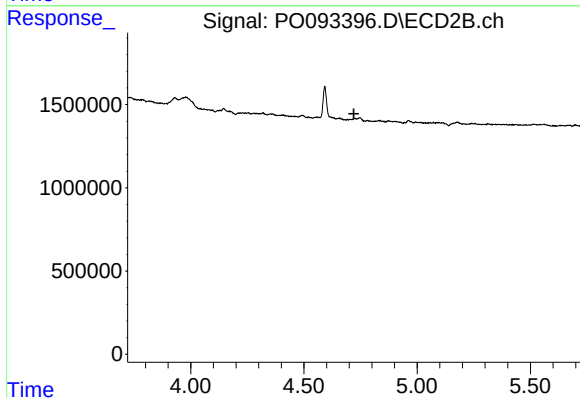
R.T.: 8.656 min
Delta R.T.: -0.012 min
Response: 14789709
Conc: 15.10 ng/ml



#3 AR-1016-1

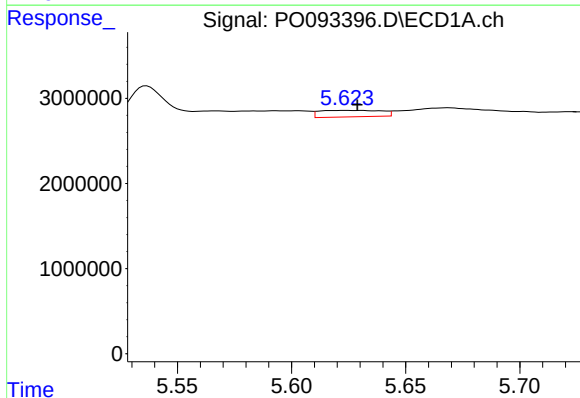
R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 1156969
Conc: 12.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



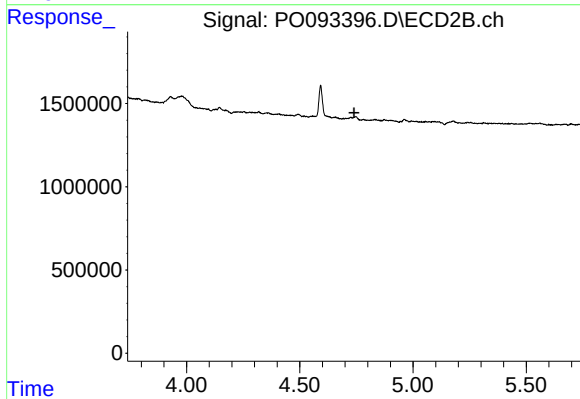
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



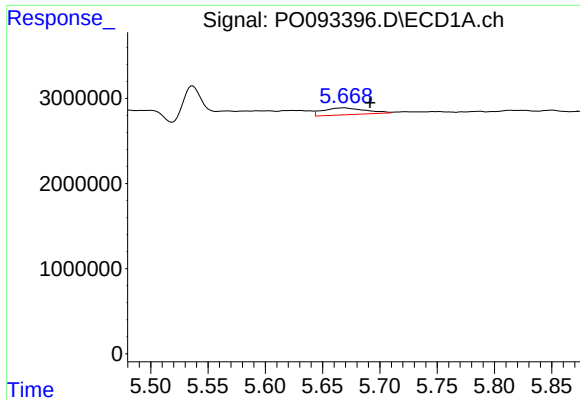
#4 AR-1016-2

R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 1457459
Conc: 10.21 ng/ml



#4 AR-1016-2

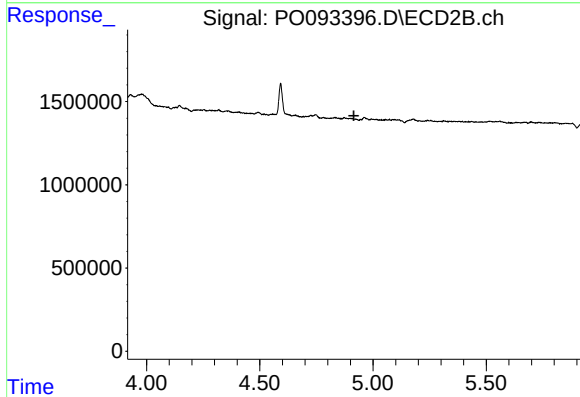
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#5 AR-1016-3

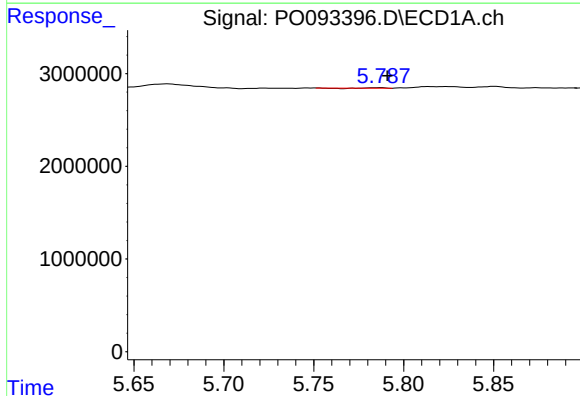
R.T.: 5.669 min
Delta R.T.: -0.023 min
Response: 2105891
Conc: 23.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



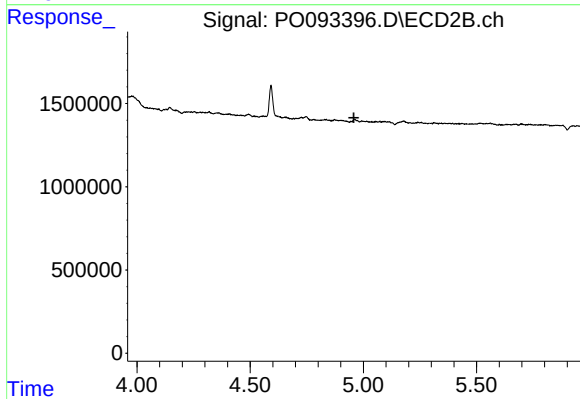
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



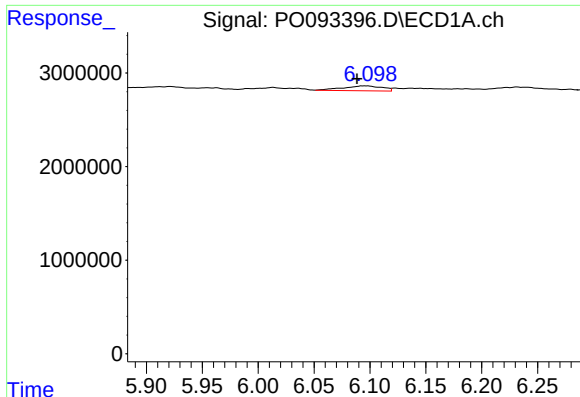
#6 AR-1016-4

R.T.: 5.787 min
Delta R.T.: -0.003 min
Response: 8653
Conc: 0.13 ng/ml



#6 AR-1016-4

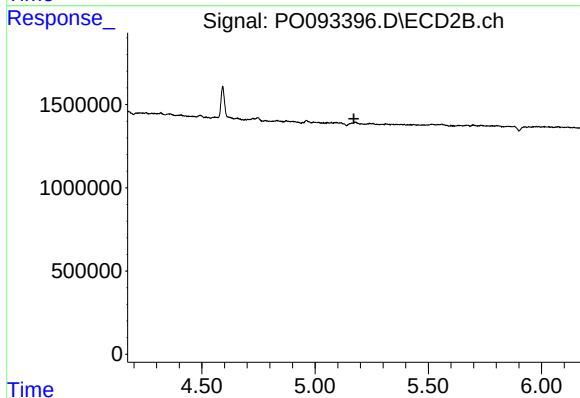
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#7 AR-1016-5

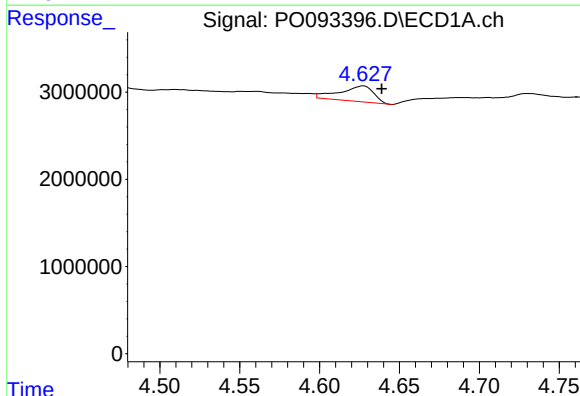
R.T.: 6.098 min
Delta R.T.: 0.009 min
Response: 1296240
Conc: 17.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



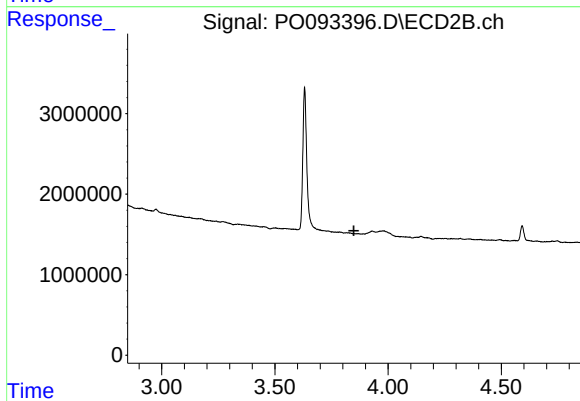
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



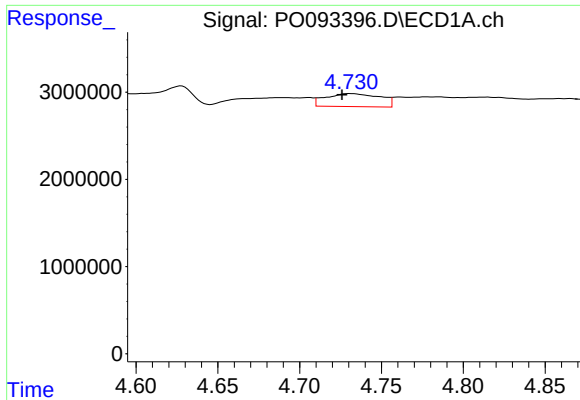
#8 AR-1221-1

R.T.: 4.628 min
Delta R.T.: -0.011 min
Response: 2665409
Conc: 65.94 ng/ml



#8 AR-1221-1

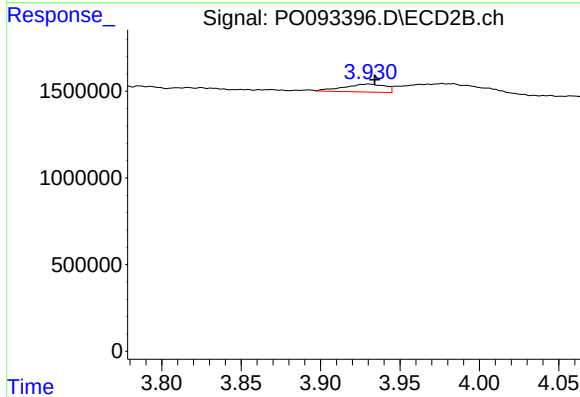
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

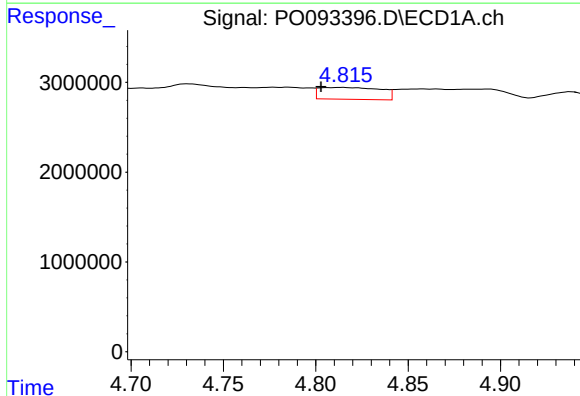
R.T.: 4.731 min
Delta R.T.: 0.005 min
Response: 3450599
Conc: 113.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



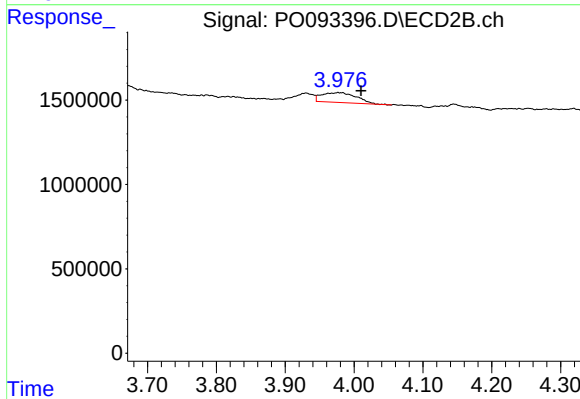
#9 AR-1221-2

R.T.: 3.930 min
Delta R.T.: -0.004 min
Response: 835878
Conc: 76.54 ng/ml



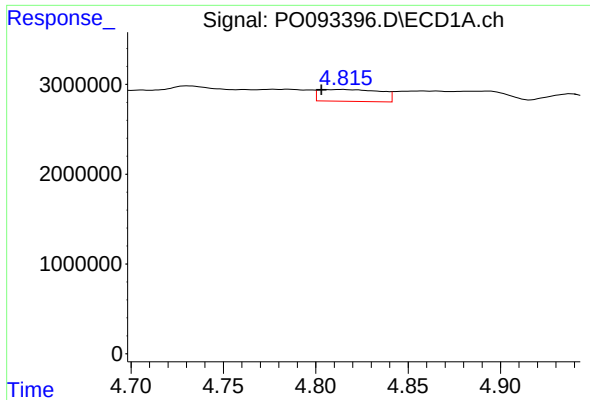
#10 AR-1221-3

R.T.: 4.815 min
Delta R.T.: 0.012 min
Response: 3052721
Conc: 33.39 ng/ml



#10 AR-1221-3

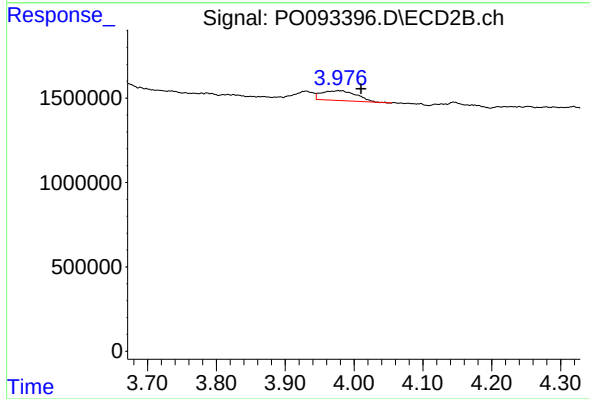
R.T.: 3.977 min
Delta R.T.: -0.034 min
Response: 2037083
Conc: 59.80 ng/ml



#11 AR-1232-1

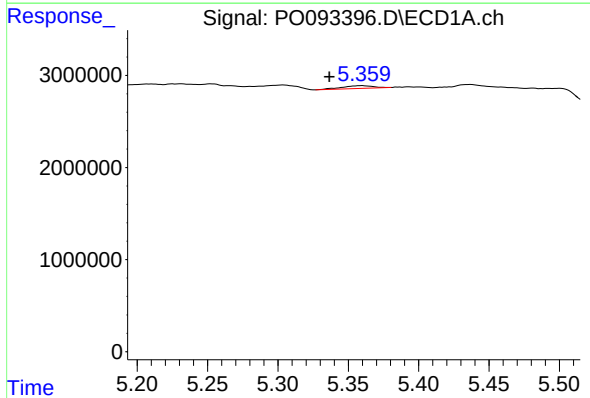
R.T.: 4.815 min
Delta R.T.: 0.012 min
Response: 3052721
Conc: 41.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



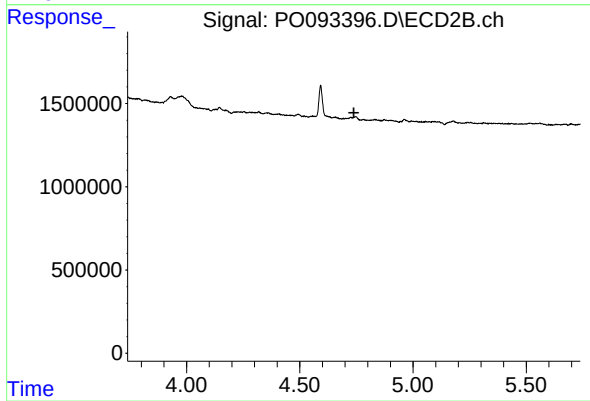
#11 AR-1232-1

R.T.: 3.977 min
Delta R.T.: -0.034 min
Response: 2037083
Conc: 72.12 ng/ml



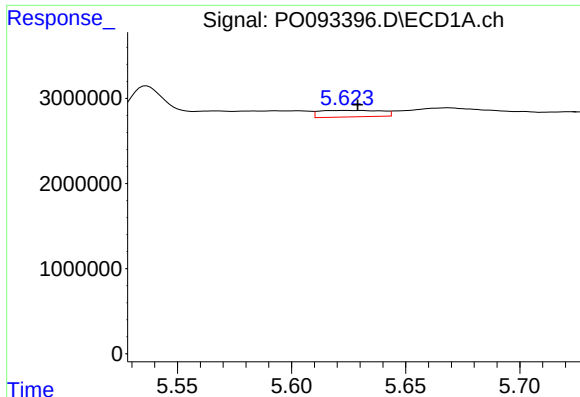
#12 AR-1232-2

R.T.: 5.359 min
Delta R.T.: 0.023 min
Response: 457472
Conc: 12.72 ng/ml



#12 AR-1232-2

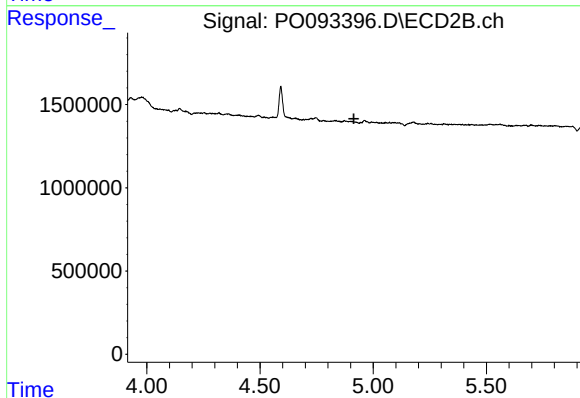
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#13 AR-1232-3

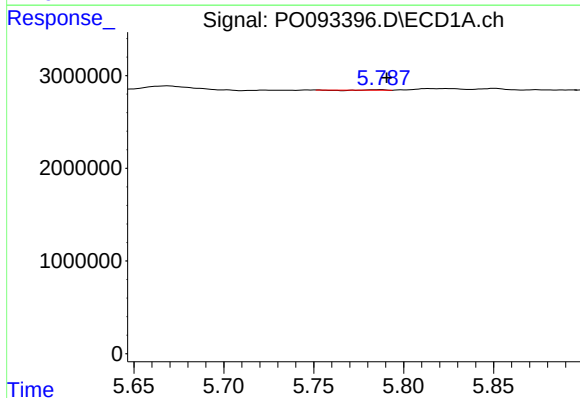
R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 1457459
Conc: 22.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



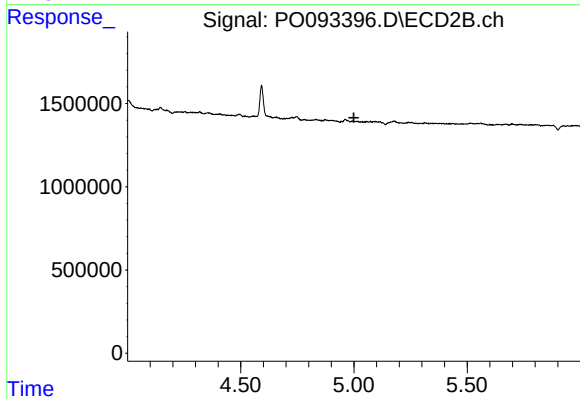
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.915 min
Response: 0
Conc: N.D.



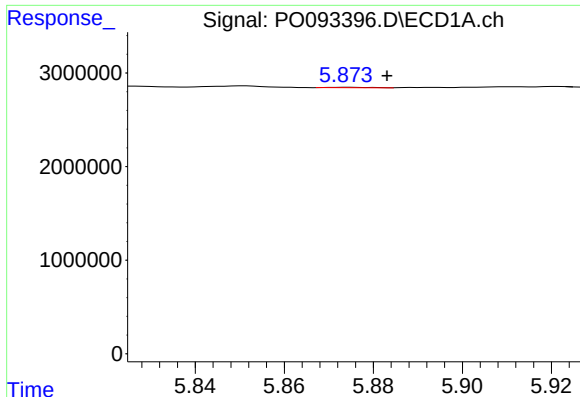
#14 AR-1232-4

R.T.: 5.787 min
Delta R.T.: -0.003 min
Response: 8653
Conc: 0.28 ng/ml



#14 AR-1232-4

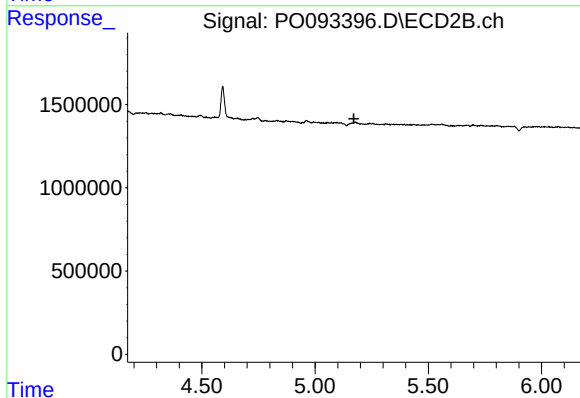
R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



#15 AR-1232-5

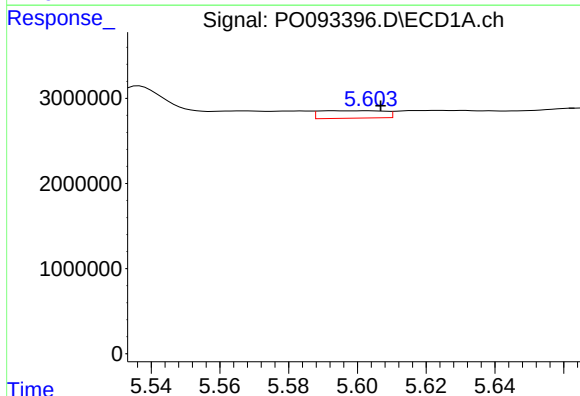
R.T.: 5.874 min
Delta R.T.: -0.009 min
Response: 34498
Conc: 1.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



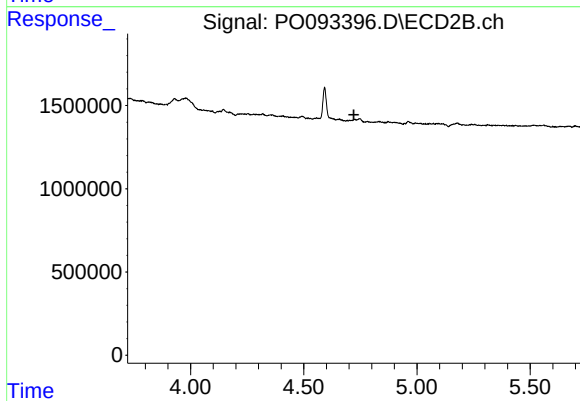
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



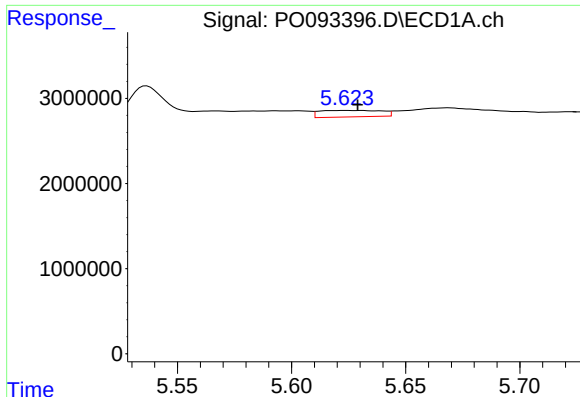
#16 AR-1242-1

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 1156969
Conc: 14.12 ng/ml



#16 AR-1242-1

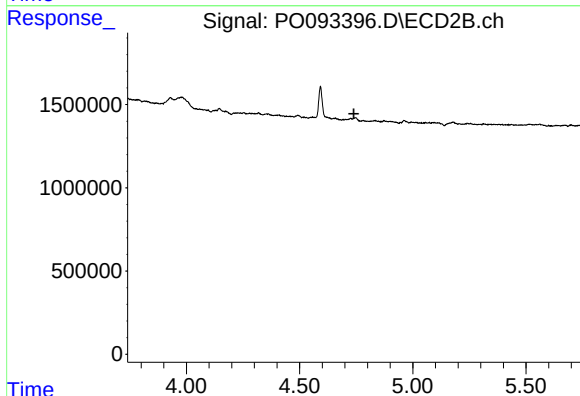
R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



#17 AR-1242-2

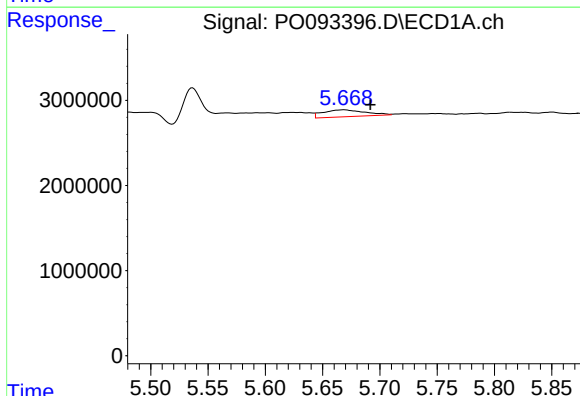
R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 1457459
Conc: 12.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



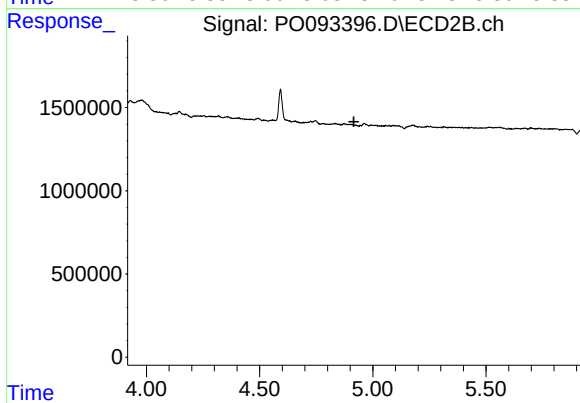
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



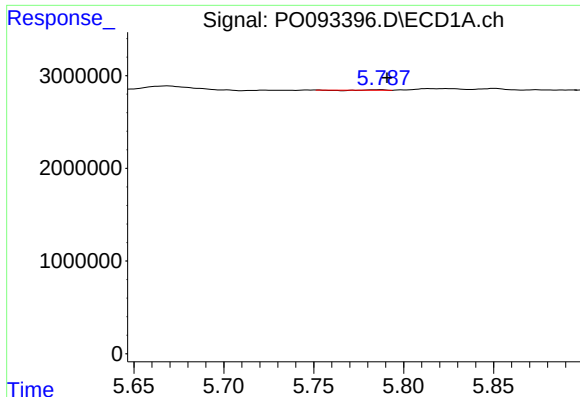
#18 AR-1242-3

R.T.: 5.669 min
Delta R.T.: -0.023 min
Response: 2105891
Conc: 27.44 ng/ml



#18 AR-1242-3

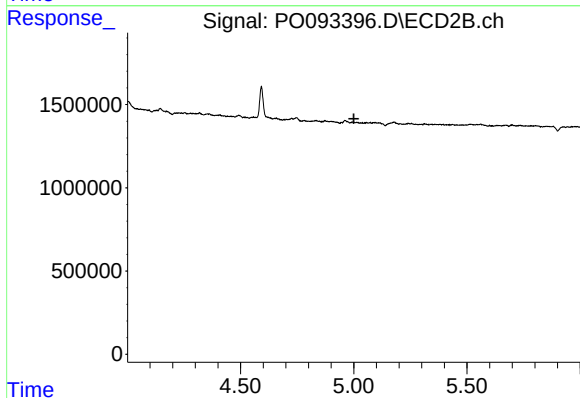
R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



#19 AR-1242-4

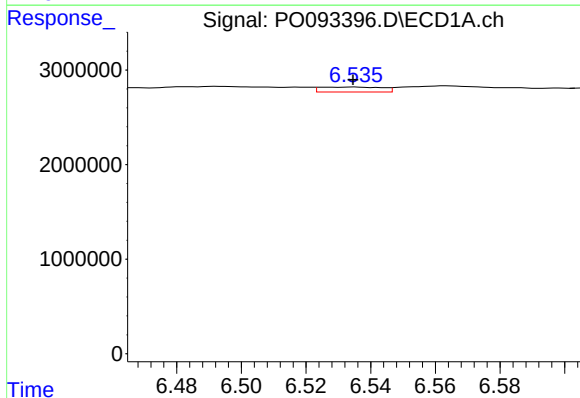
R.T.: 5.787 min
Delta R.T.: -0.003 min
Response: 8653
Conc: 0.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



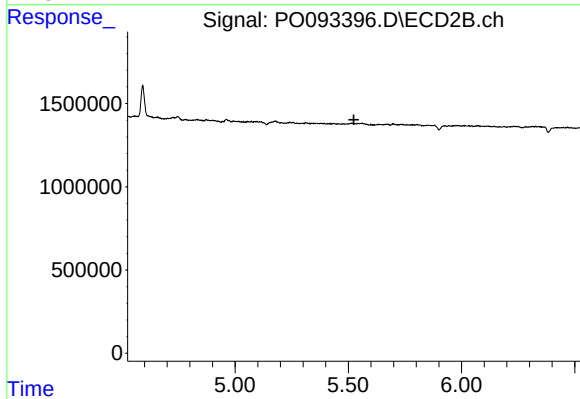
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



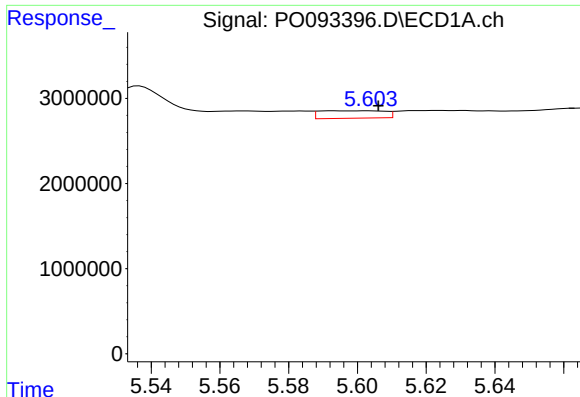
#20 AR-1242-5

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 707189
Conc: 11.32 ng/ml



#20 AR-1242-5

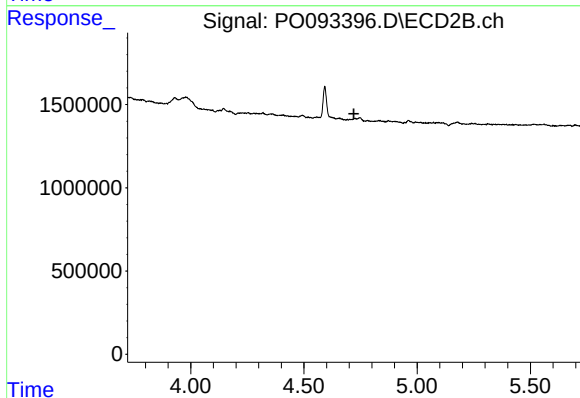
R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



#21 AR-1248-1

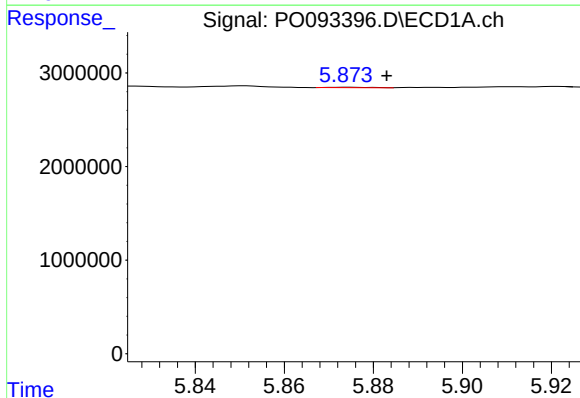
R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 1156969
Conc: 18.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



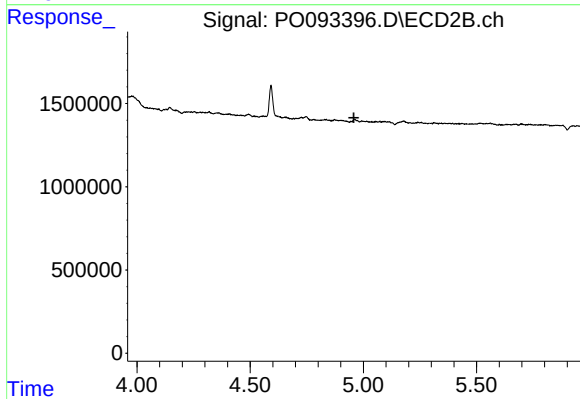
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



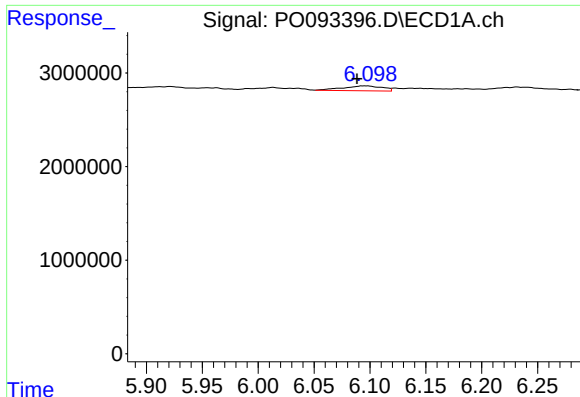
#22 AR-1248-2

R.T.: 5.874 min
Delta R.T.: -0.009 min
Response: 34498
Conc: 0.36 ng/ml



#22 AR-1248-2

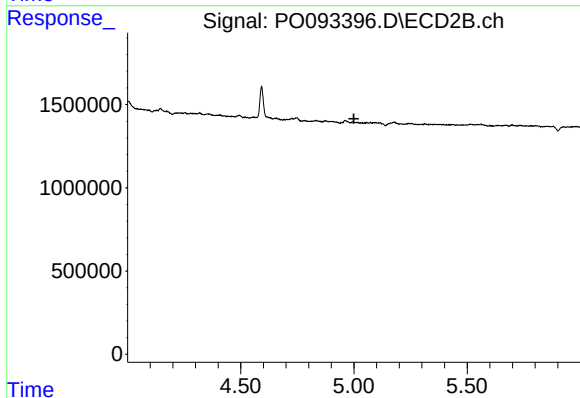
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#23 AR-1248-3

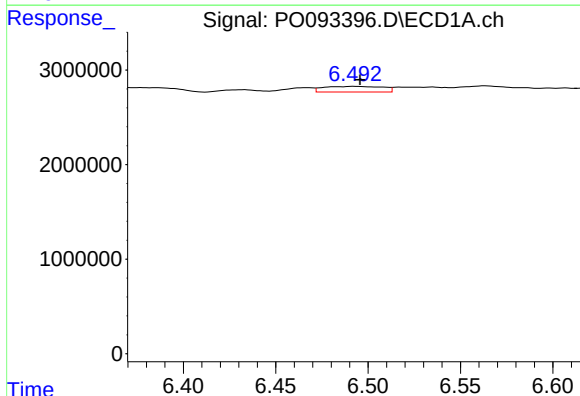
R.T.: 6.098 min
Delta R.T.: 0.009 min
Response: 1296240
Conc: 12.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



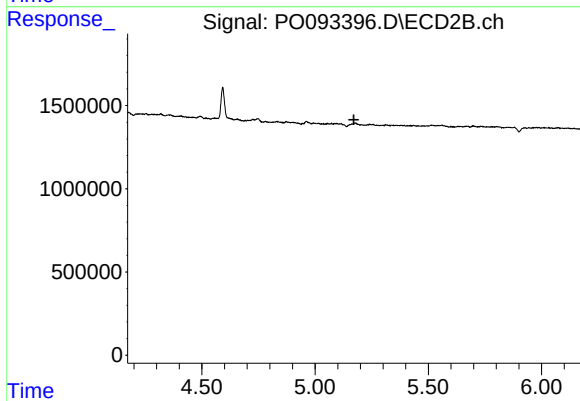
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



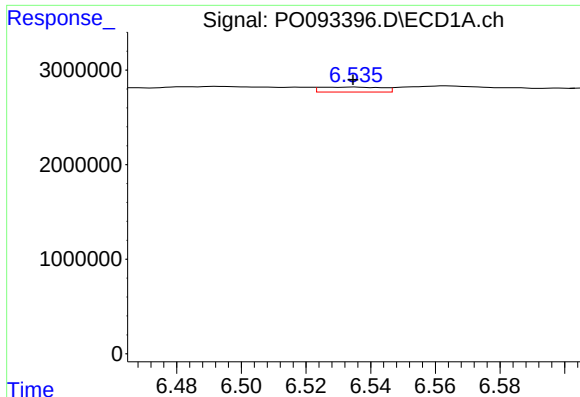
#24 AR-1248-4

R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 1348869
Conc: 13.25 ng/ml



#24 AR-1248-4

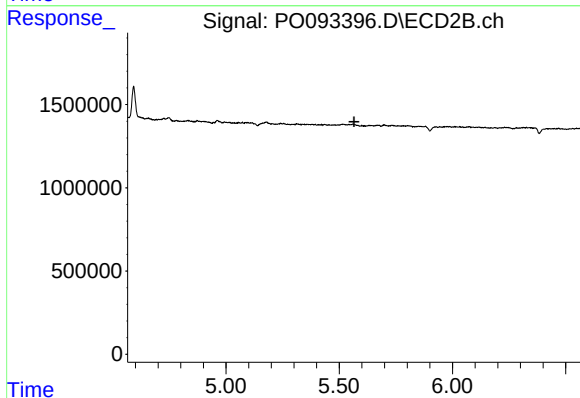
R.T.: 0.000 min
Exp R.T. : 5.172 min
Response: 0
Conc: N.D.



#25 AR-1248-5

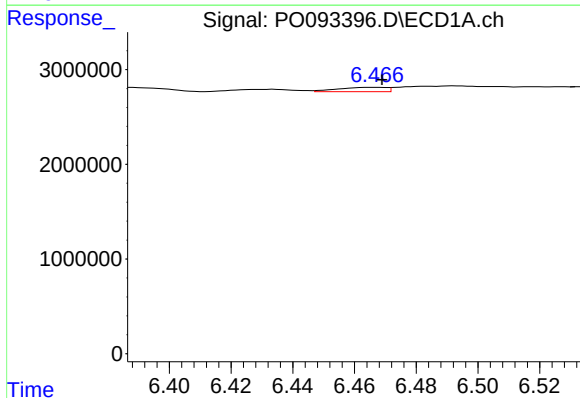
R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 707189
Conc: 6.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



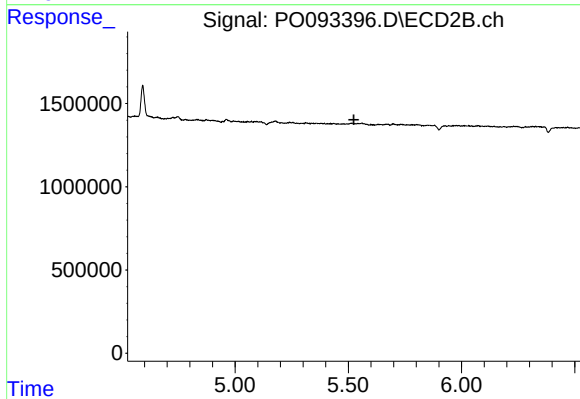
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.565 min
Response: 0
Conc: N.D.



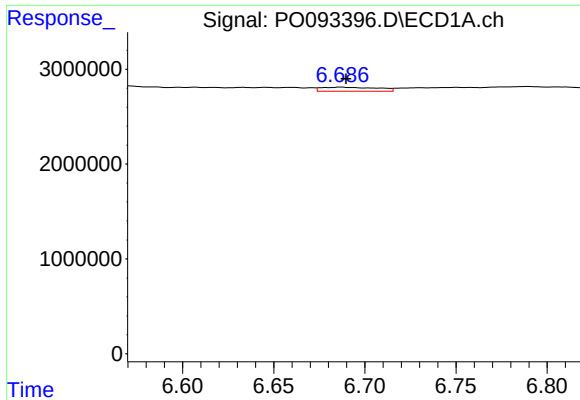
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: -0.002 min
Response: 499423
Conc: 4.27 ng/ml



#26 AR-1254-1

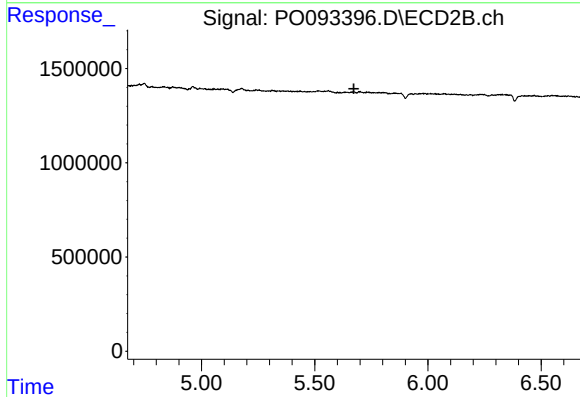
R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



#27 AR-1254-2

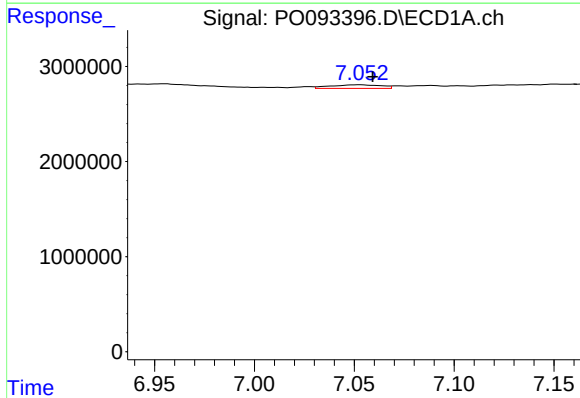
R.T.: 6.687 min
Delta R.T.: -0.003 min
Response: 922235
Conc: 5.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



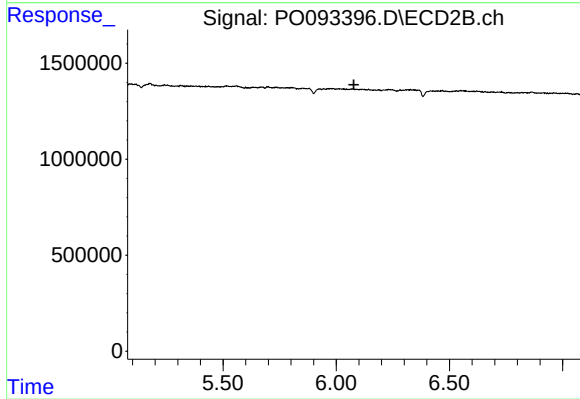
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.673 min
Response: 0
Conc: N.D.



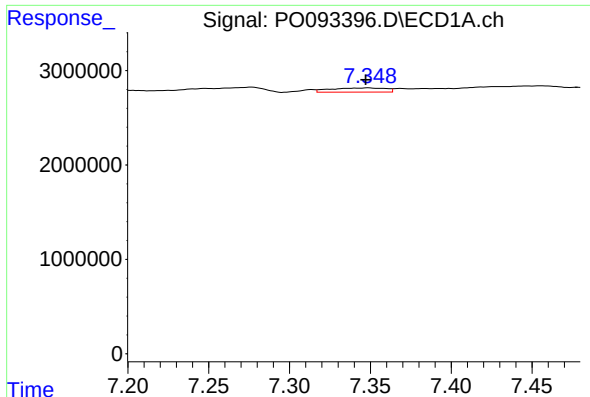
#28 AR-1254-3

R.T.: 7.053 min
Delta R.T.: -0.006 min
Response: 679069
Conc: 4.08 ng/ml



#28 AR-1254-3

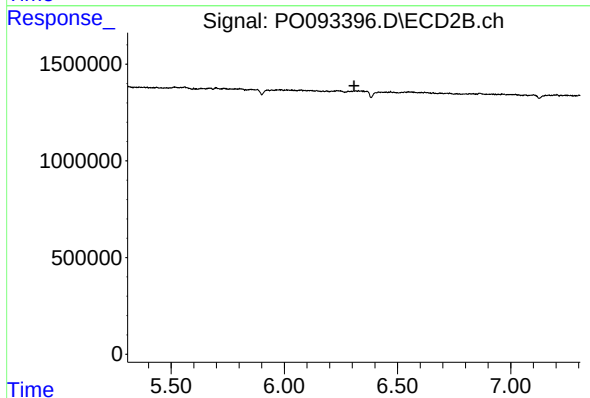
R.T.: 0.000 min
Exp R.T. : 6.078 min
Response: 0
Conc: N.D.



#29 AR-1254-4

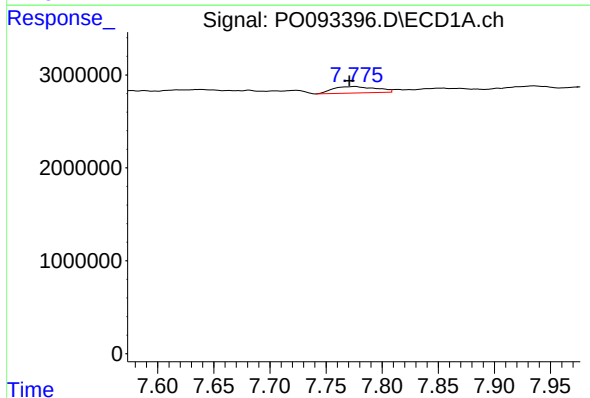
R.T.: 7.349 min
Delta R.T.: 0.002 min
Response: 1048347
Conc: 9.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



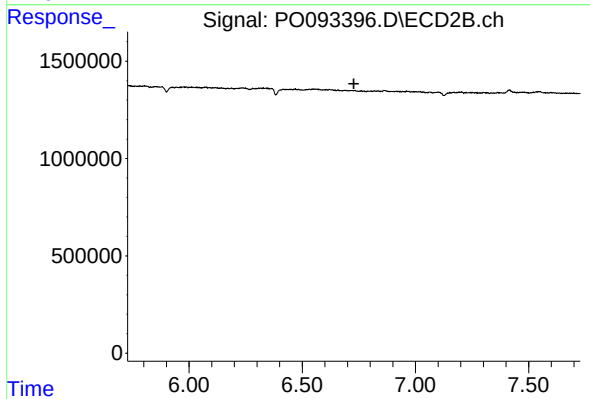
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.308 min
Response: 0
Conc: N.D.



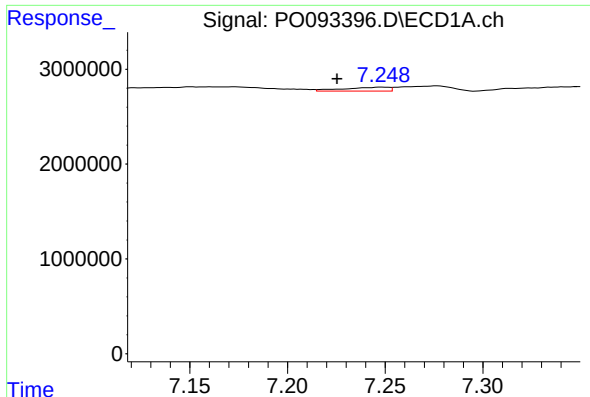
#30 AR-1254-5

R.T.: 7.776 min
Delta R.T.: 0.005 min
Response: 1864928
Conc: 13.77 ng/ml



#30 AR-1254-5

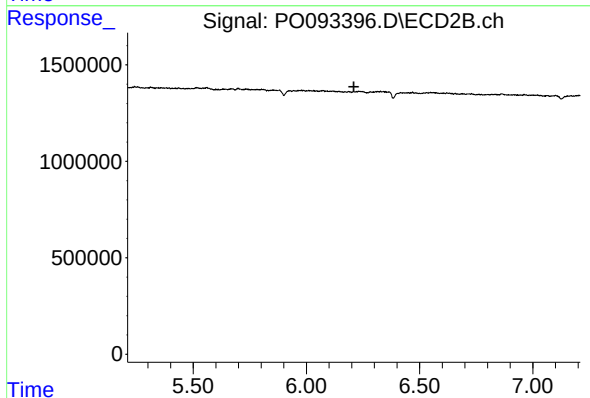
R.T.: 0.000 min
Exp R.T. : 6.728 min
Response: 0
Conc: N.D.



#31 AR-1260-1

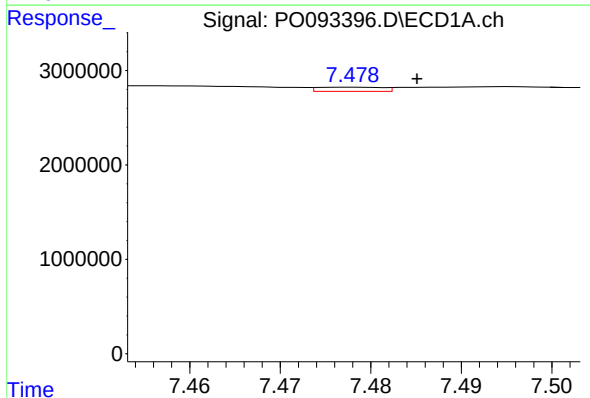
R.T.: 7.248 min
Delta R.T.: 0.023 min
Response: 676871
Conc: 5.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



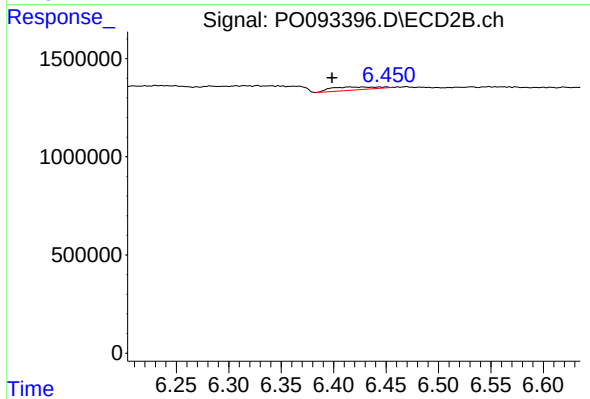
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.210 min
Response: 0
Conc: N.D.



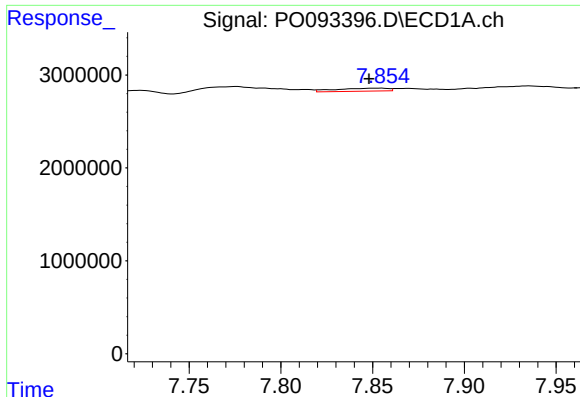
#32 AR-1260-2

R.T.: 7.478 min
Delta R.T.: -0.007 min
Response: 218423
Conc: 1.48 ng/ml



#32 AR-1260-2

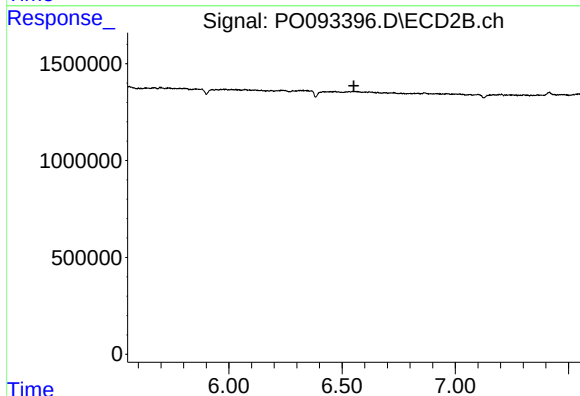
R.T.: 6.450 min
Delta R.T.: 0.052 min
Response: 466381
Conc: 6.45 ng/ml



#33 AR-1260-3

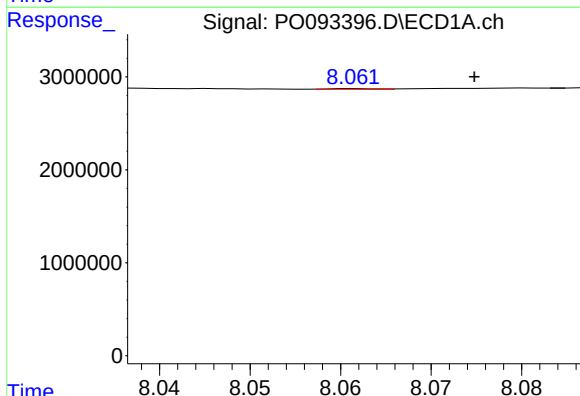
R.T.: 7.854 min
Delta R.T.: 0.006 min
Response: 629856
Conc: 5.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



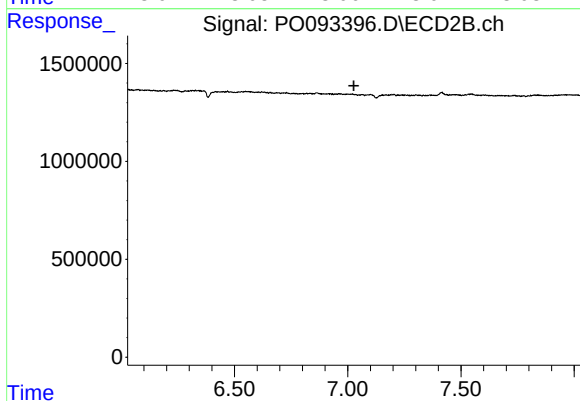
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.552 min
Response: 0
Conc: N.D.



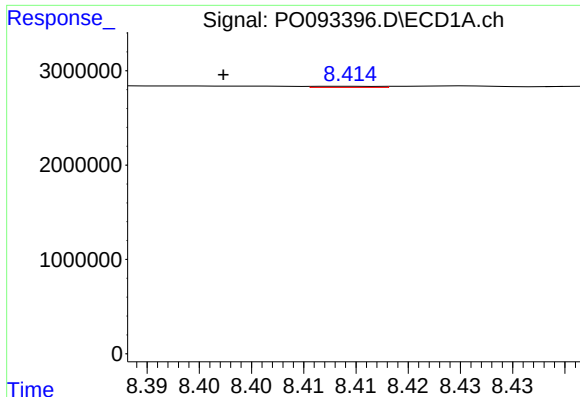
#34 AR-1260-4

R.T.: 8.062 min
Delta R.T.: -0.013 min
Response: 24439
Conc: 0.19 ng/ml



#34 AR-1260-4

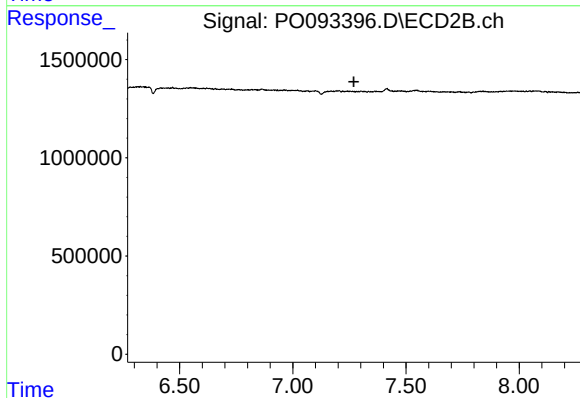
R.T.: 0.000 min
Exp R.T. : 7.027 min
Response: 0
Conc: N.D.



#35 AR-1260-5

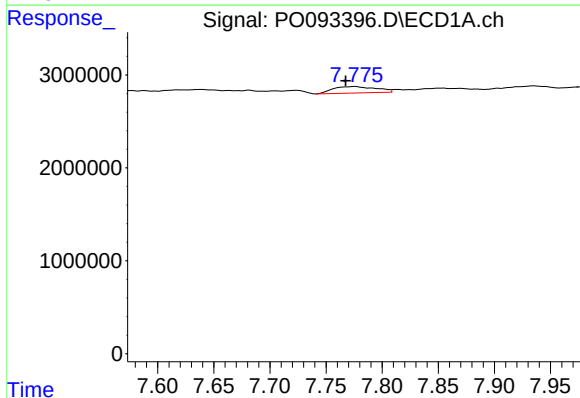
R.T.: 8.415 min
Delta R.T.: 0.012 min
Response: 50443
Conc: 0.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



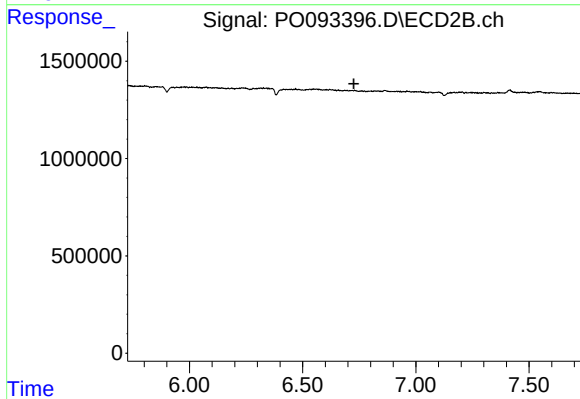
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



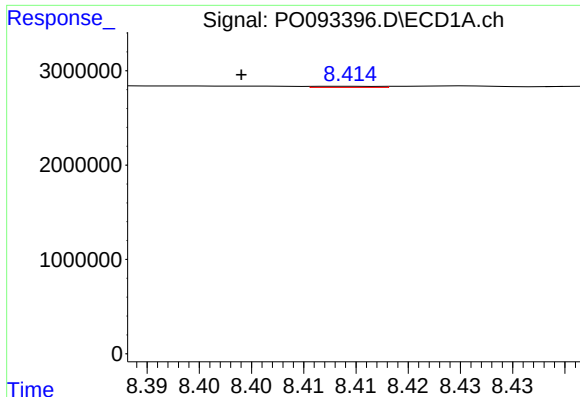
#36 AR-1262-1

R.T.: 7.776 min
Delta R.T.: 0.008 min
Response: 1864928
Conc: 18.76 ng/ml



#36 AR-1262-1

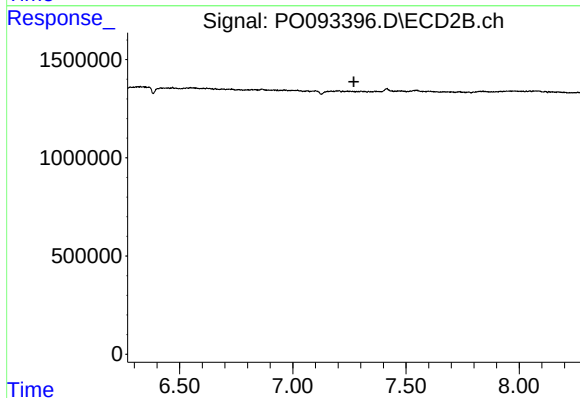
R.T.: 0.000 min
Exp R.T. : 6.726 min
Response: 0
Conc: N.D.



#37 AR-1262-2

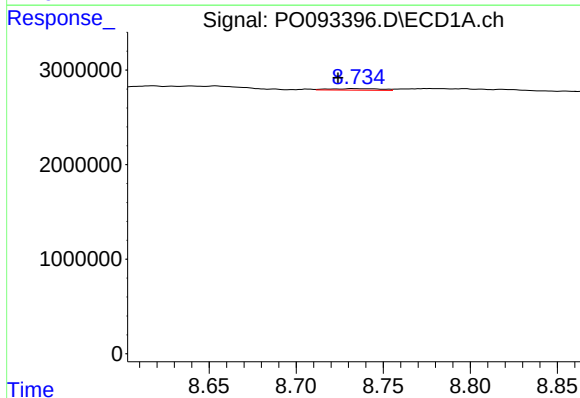
R.T.: 8.415 min
Delta R.T.: 0.011 min
Response: 50443
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



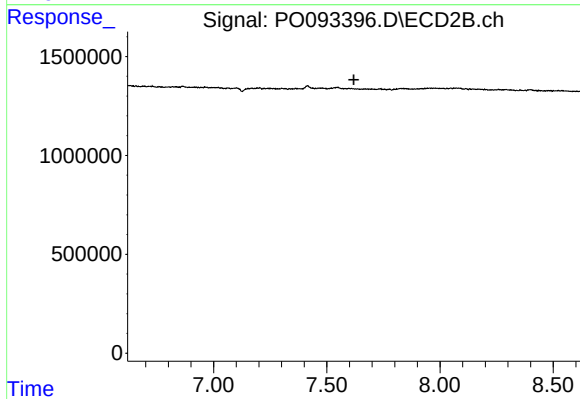
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



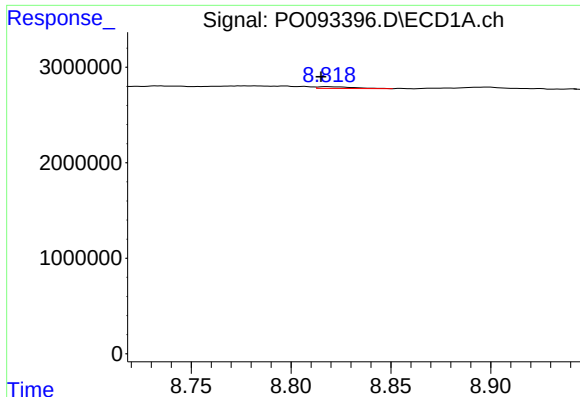
#38 AR-1262-3

R.T.: 8.733 min
Delta R.T.: 0.009 min
Response: 339523
Conc: 2.01 ng/ml



#38 AR-1262-3

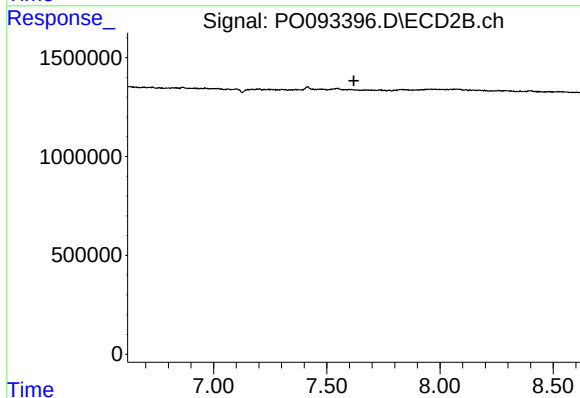
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#39 AR-1262-4

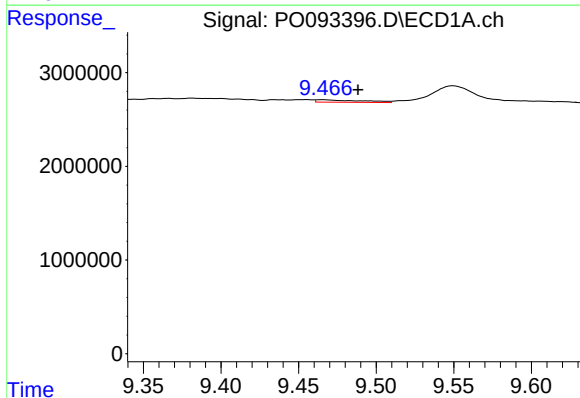
R.T.: 8.818 min
Delta R.T.: 0.003 min
Response: 222908
Conc: 2.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



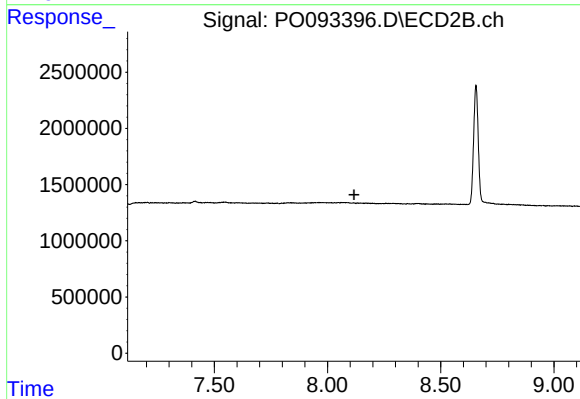
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



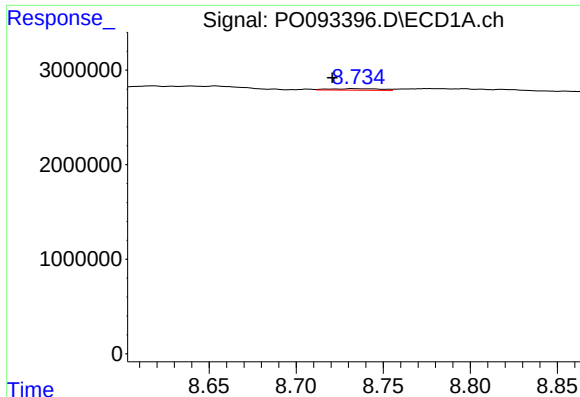
#40 AR-1262-5

R.T.: 9.466 min
Delta R.T.: -0.023 min
Response: 529390
Conc: 5.54 ng/ml



#40 AR-1262-5

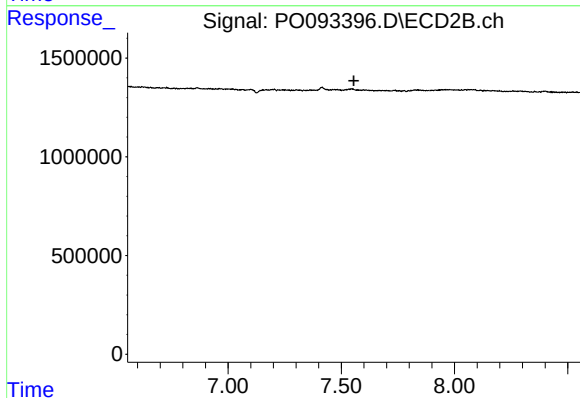
R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



#41 AR-1268-1

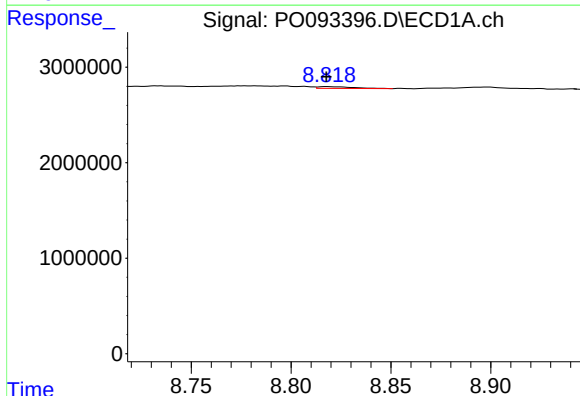
R.T.: 8.733 min
Delta R.T.: 0.012 min
Response: 339523
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



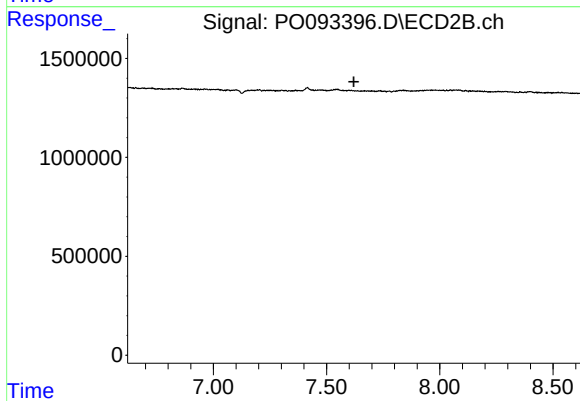
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.555 min
Response: 0
Conc: N.D.



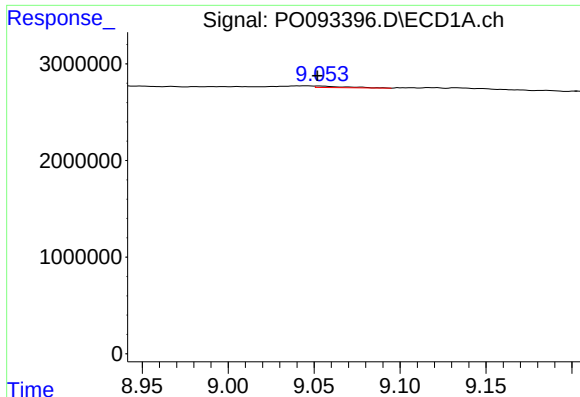
#42 AR-1268-2

R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 222908
Conc: 0.77 ng/ml



#42 AR-1268-2

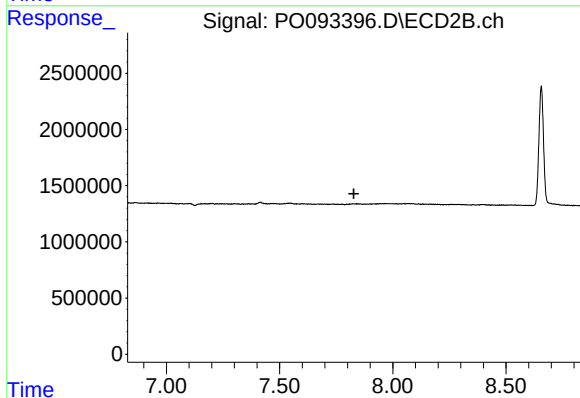
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#43 AR-1268-3

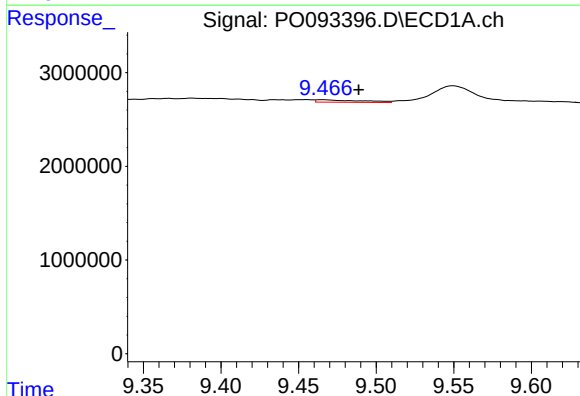
R.T.: 9.053 min
Delta R.T.: 0.001 min
Response: 177938
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



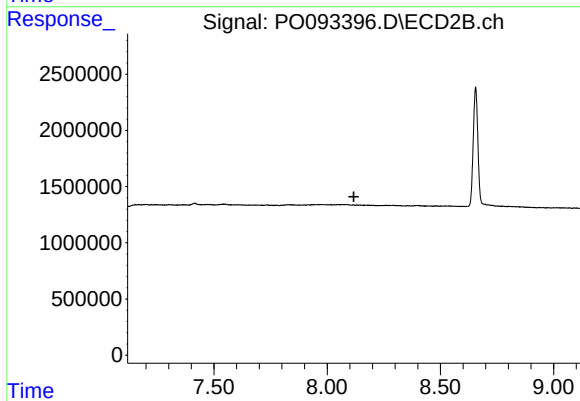
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.828 min
Response: 0
Conc: N.D.



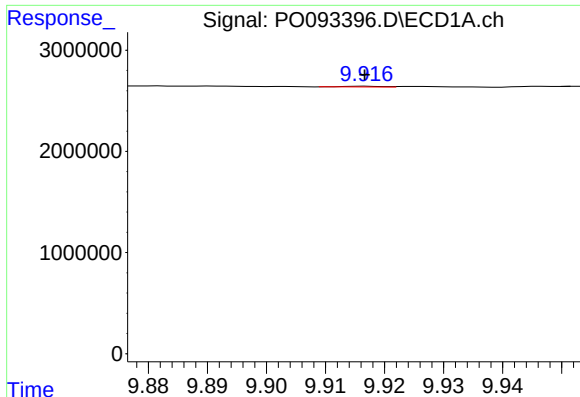
#44 AR-1268-4

R.T.: 9.466 min
Delta R.T.: -0.023 min
Response: 529390
Conc: 4.96 ng/ml



#44 AR-1268-4

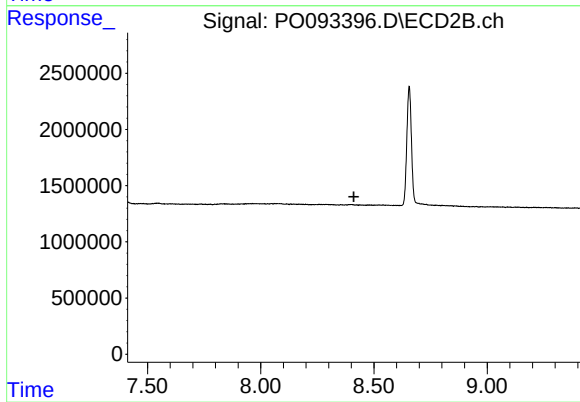
R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.917 min
Delta R.T.: 0.000 min
Response: 31317
Conc: 0.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.411 min
Response: 0
Conc: N.D.