

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0041123\
 Data File : P0094085.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2023 09:45
 Operator : YP/AJ
 Sample : 02213-03
 Misc : AR1221 MDL 25 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 02:37:30 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...	4.420	3.624	54089457	19722544	14.469	15.488
2)	SA Decachlor...	10.247	8.645	41512052	19324073	18.558	19.328
Target Compounds							
3)	L1 AR-1016-1	5.598	0.000	290756	0	2.843	N.D. #
4)	L1 AR-1016-2	5.621	0.000	318503	0	2.044	N.D. #
5)	L1 AR-1016-3	5.676	0.000	548973	0	5.566	N.D. #
6)	L1 AR-1016-4	5.791	0.000	50590	0	0.688	N.D. #
7)	L1 AR-1016-5	6.072	0.000	58141	0	0.687	N.D. #
8)	L2 AR-1221-1	4.630	0.000	904812	0	19.619	N.D. #
9)	L2 AR-1221-2	4.723	3.922	1231842	466257	35.886	39.505
10)	L2 AR-1221-3	4.793	3.999	2153870	750877	20.565	20.383
11)	L3 AR-1232-1	4.793	3.999	2153870	750877	24.679	24.035
12)	L3 AR-1232-2	5.324	0.000	224111	0	5.241	N.D. #
13)	L3 AR-1232-3	5.621	0.000	318503	0	4.336	N.D. #
14)	L3 AR-1232-4	5.791	0.000	50590	0	1.470	N.D. #
15)	L3 AR-1232-5	5.868	0.000	58749	0	1.850	N.D. #
16)	L4 AR-1242-1	5.598	0.000	290756	0	3.331	N.D. #
17)	L4 AR-1242-2	5.621	0.000	318503	0	2.395	N.D. #
18)	L4 AR-1242-3	5.676	0.000	548973	0	6.467	N.D. #
19)	L4 AR-1242-4	5.791	0.000	50590	0	0.810	N.D. #
20)	L4 AR-1242-5	6.527	0.000	336098	0	4.992	N.D. #
21)	L5 AR-1248-1	5.598	0.000	290756	0	4.321	N.D. #
22)	L5 AR-1248-2	5.868	0.000	58749	0	0.537	N.D. #
23)	L5 AR-1248-3	6.072	0.000	58141	0	0.482	N.D. #
24)	L5 AR-1248-4	6.488	0.000	332853	0	3.099	N.D. #
25)	L5 AR-1248-5	6.527	0.000	336098	0	2.897	N.D. #
26)	L6 AR-1254-1	6.477	0.000	409341	0	3.018	N.D. #
27)	L6 AR-1254-2	6.680	0.000	87404	0	0.447	N.D. #
28)	L6 AR-1254-3	7.055	0.000	347541	0	1.881	N.D. #
29)	L6 AR-1254-4	7.338	0.000	89336	0	0.881	N.D. #
30)	L6 AR-1254-5	7.773	0.000	1572947	0	11.600	N.D. #
32)	L7 AR-1260-2	7.496	0.000	494393	0	3.089	N.D. #
33)	L7 AR-1260-3	7.835	0.000	108020	0	0.814	N.D. #
34)	L7 AR-1260-4	8.102	0.000	858853	0	6.235	N.D. #
35)	L7 AR-1260-5	8.362	0.000	668667	0	3.070	N.D. #
36)	L8 AR-1262-1	7.835	0.000	108020	0	0.632	N.D. #
37)	L8 AR-1262-2	8.362	0.000	668667	0	2.877	N.D. #
38)	L8 AR-1262-3	8.724	0.000	248515	0	1.517	N.D. #
39)	L8 AR-1262-4	8.817	7.661f	110026	477239	1.098	5.755 #
40)	L8 AR-1262-5	9.480	0.000	244687	0	3.040	N.D. #
41)	L9 AR-1268-1	8.724	0.000	248515	0	0.738	N.D. #
42)	L9 AR-1268-2	8.817	7.661f	110026	477239	0.342	3.513 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041123\
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 Acq On : 11 Apr 2023 09:45
 Operator : YP/AJ
 Sample : 02213-03
 Misc : AR1221 MDL 25 PPB
 ALS Vial : 8 Sample Multiplier: 1

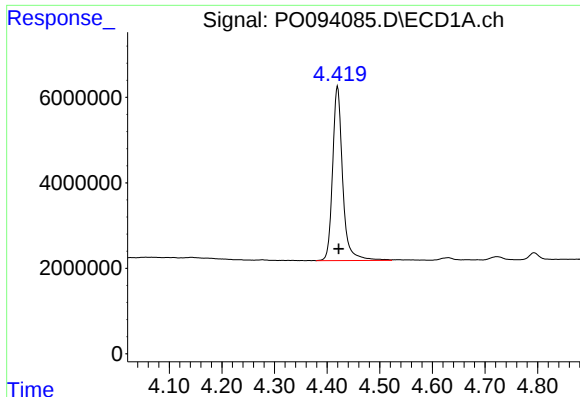
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 02:37:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
43)	L9 AR-1268-3	9.042	0.000	58383	0	0.206	N.D.	#
44)	L9 AR-1268-4	9.480	0.000	244687	0	2.531	N.D.	#
45)	L9 AR-1268-5	9.902	0.000	65433	0	0.078	N.D.	#

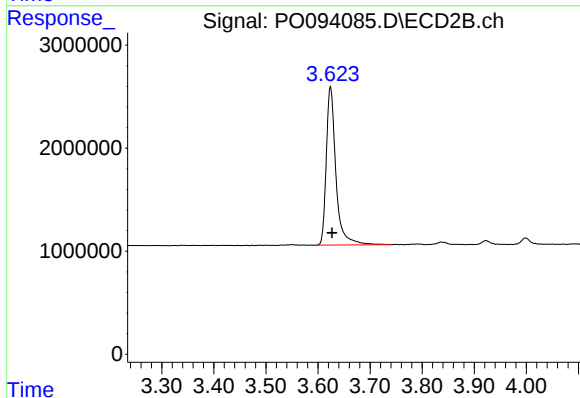
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

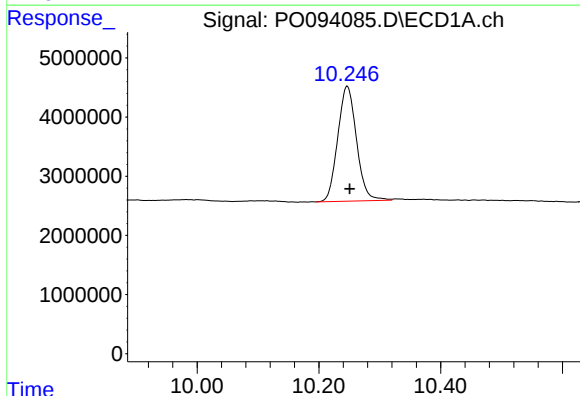
R.T.: 4.420 min
Delta R.T.: -0.002 min
Response: 54089457
Conc: 14.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



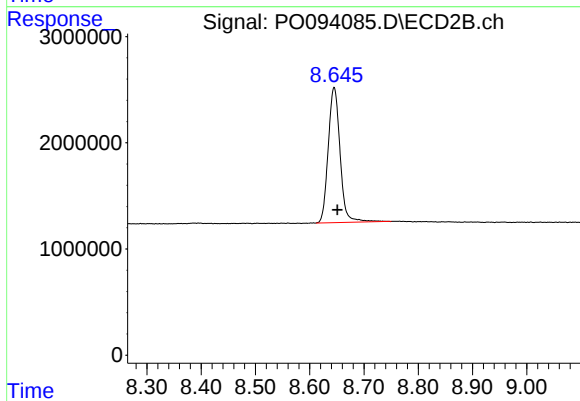
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: -0.003 min
Response: 19722544
Conc: 15.49 ng/ml



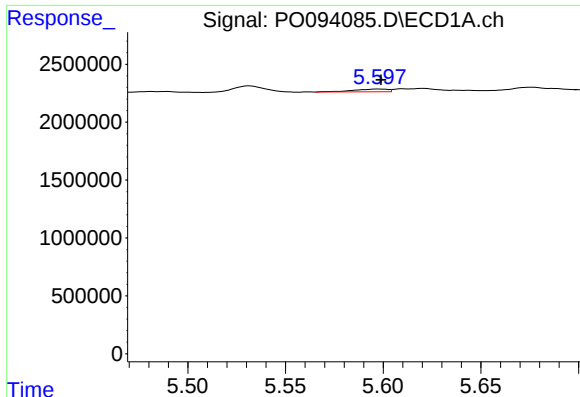
#2 Decachlorobiphenyl

R.T.: 10.247 min
Delta R.T.: -0.004 min
Response: 41512052
Conc: 18.56 ng/ml



#2 Decachlorobiphenyl

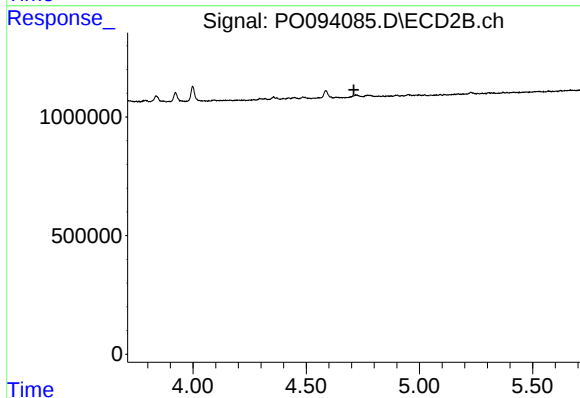
R.T.: 8.645 min
Delta R.T.: -0.006 min
Response: 19324073
Conc: 19.33 ng/ml



#3 AR-1016-1

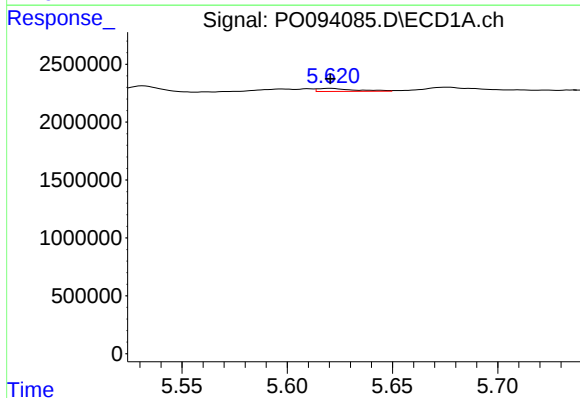
R.T.: 5.598 min
Delta R.T.: -0.001 min
Response: 290756
Conc: 2.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



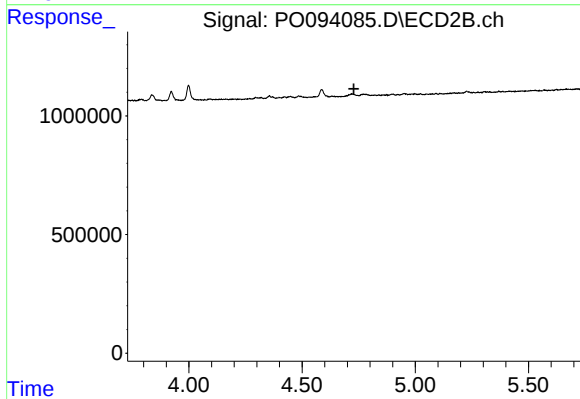
#3 AR-1016-1

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



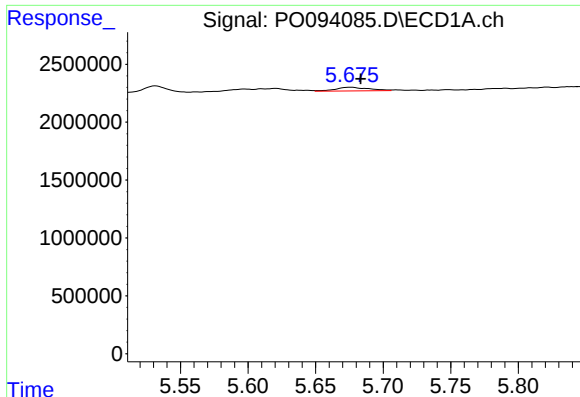
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 318503
Conc: 2.04 ng/ml



#4 AR-1016-2

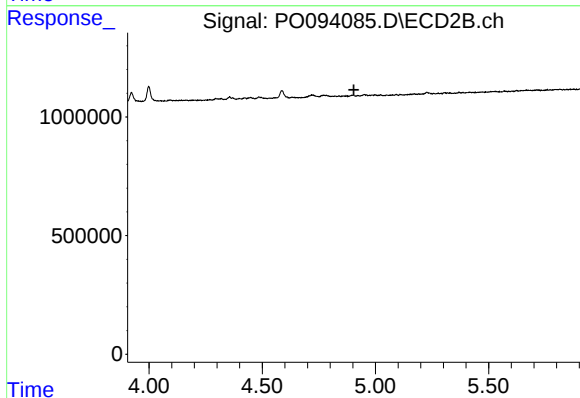
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

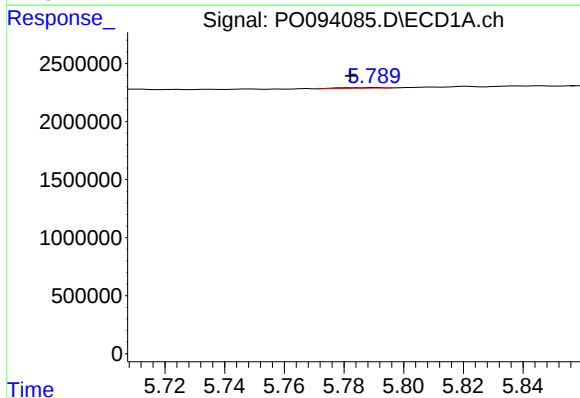
R.T.: 5.676 min
Delta R.T.: -0.007 min
Response: 548973
Conc: 5.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



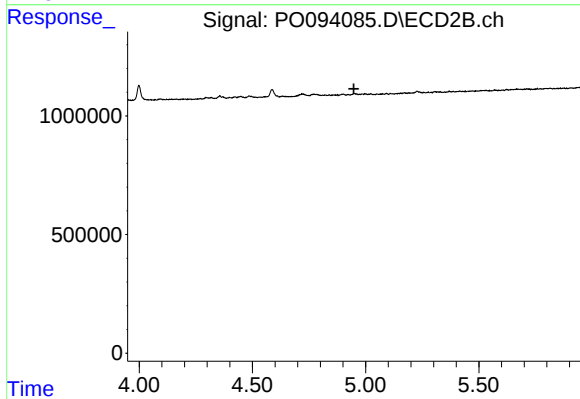
#5 AR-1016-3

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



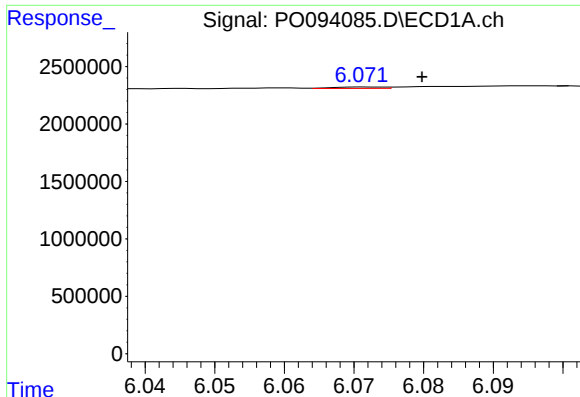
#6 AR-1016-4

R.T.: 5.791 min
Delta R.T.: 0.009 min
Response: 50590
Conc: 0.69 ng/ml



#6 AR-1016-4

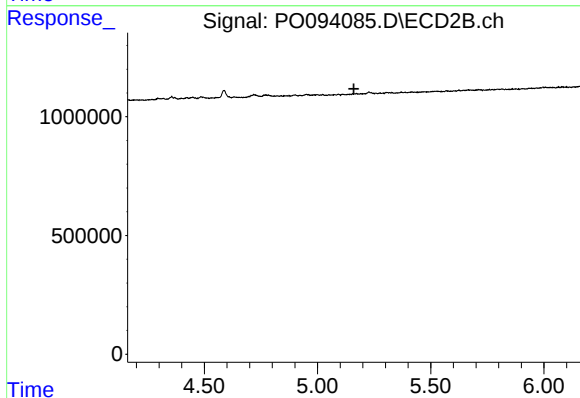
R.T.: 0.000 min
Exp R.T. : 4.948 min
Response: 0
Conc: N.D.



#7 AR-1016-5

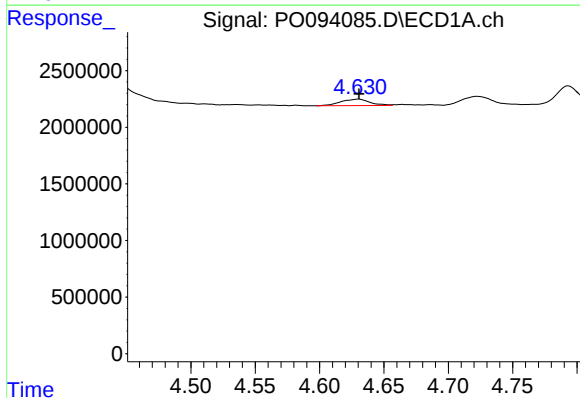
R.T.: 6.072 min
Delta R.T.: -0.008 min
Response: 58141
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



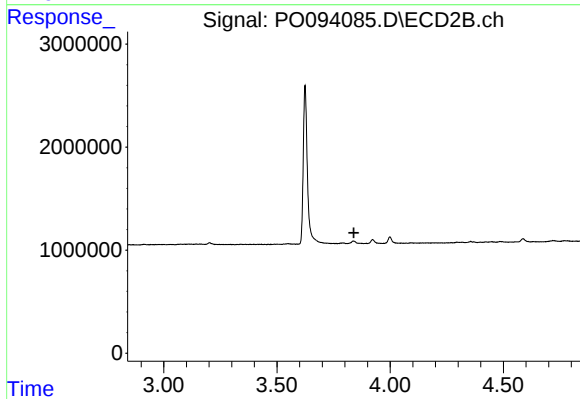
#7 AR-1016-5

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



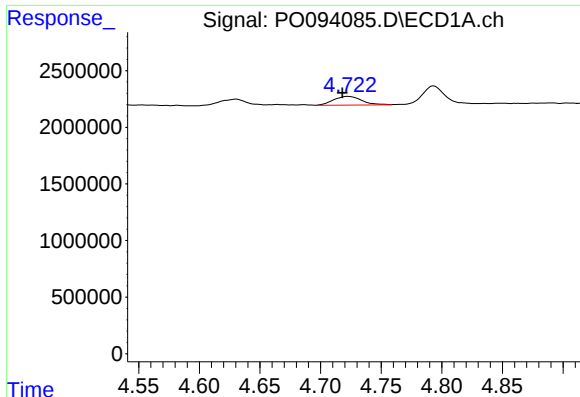
#8 AR-1221-1

R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 904812
Conc: 19.62 ng/ml



#8 AR-1221-1

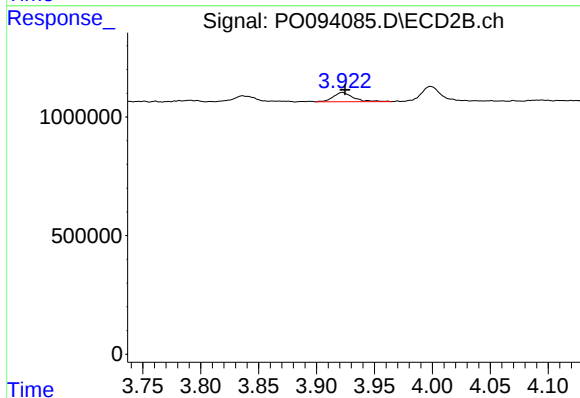
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

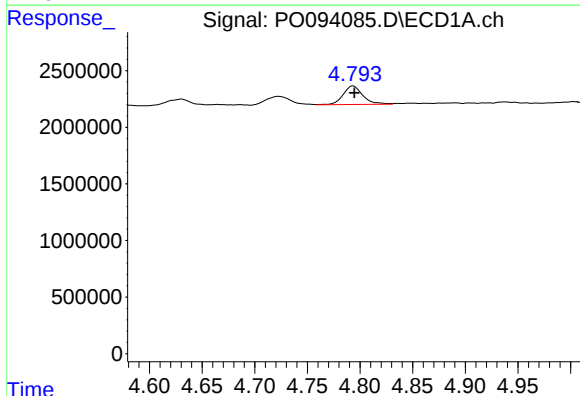
R.T.: 4.723 min
Delta R.T.: 0.005 min
Response: 1231842
Conc: 35.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



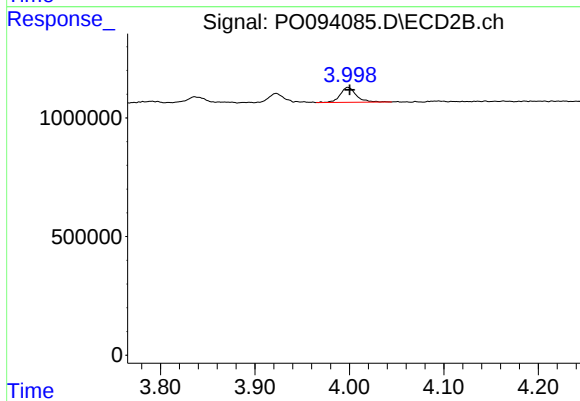
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.002 min
Response: 466257
Conc: 39.51 ng/ml



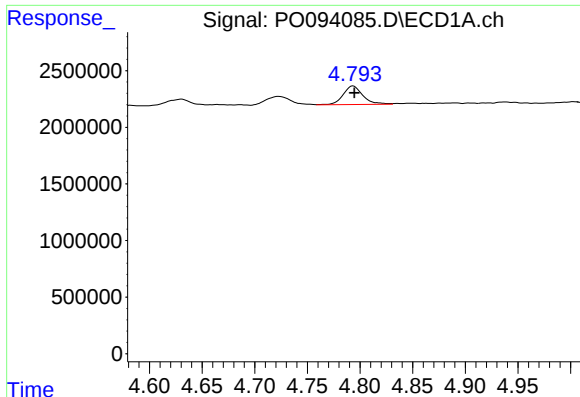
#10 AR-1221-3

R.T.: 4.793 min
Delta R.T.: -0.001 min
Response: 2153870
Conc: 20.56 ng/ml



#10 AR-1221-3

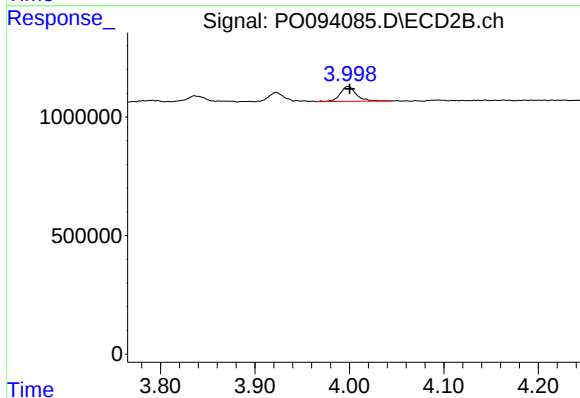
R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 750877
Conc: 20.38 ng/ml



#11 AR-1232-1

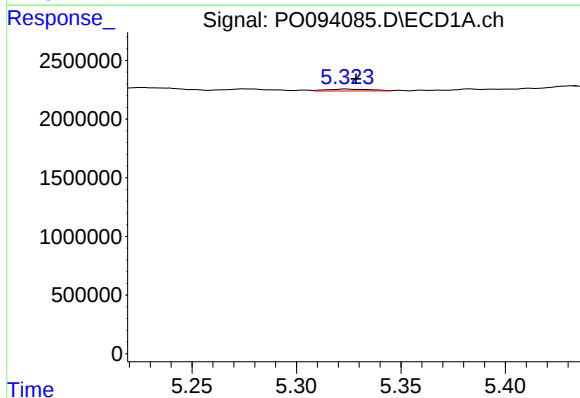
R.T.: 4.793 min
Delta R.T.: -0.001 min
Response: 2153870
Conc: 24.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



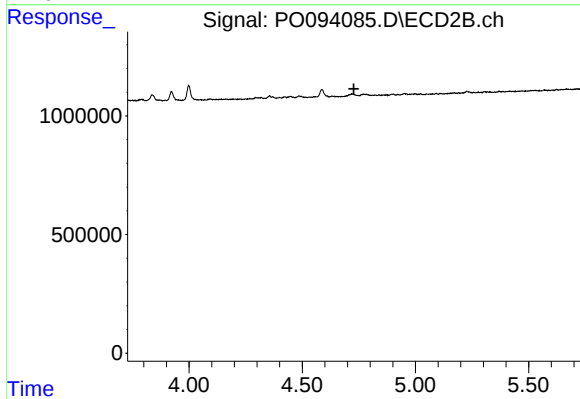
#11 AR-1232-1

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 750877
Conc: 24.04 ng/ml



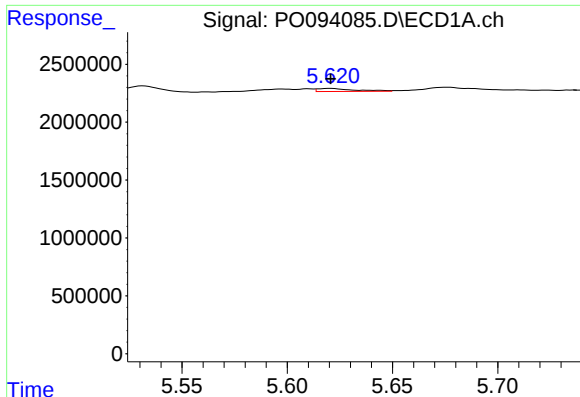
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: -0.005 min
Response: 224111
Conc: 5.24 ng/ml



#12 AR-1232-2

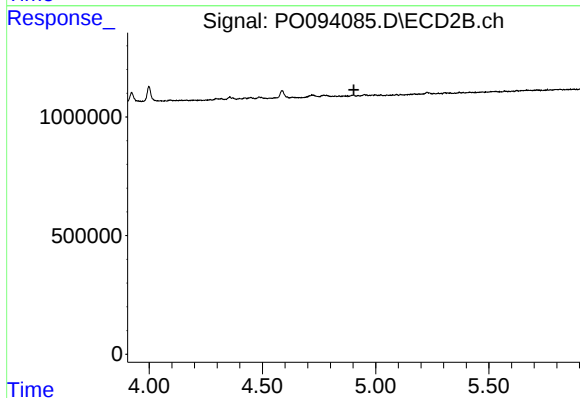
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

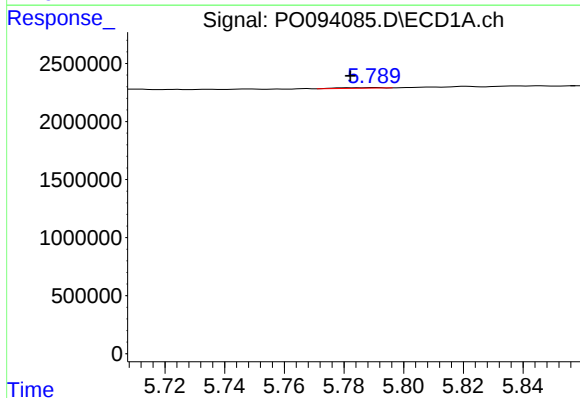
R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 318503
Conc: 4.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



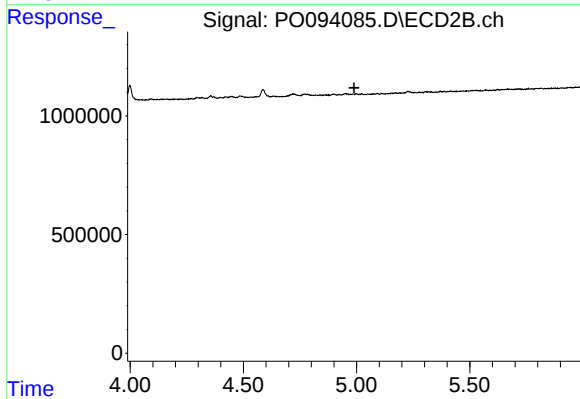
#13 AR-1232-3

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



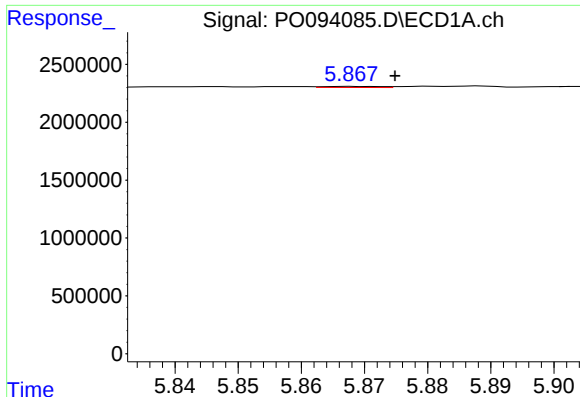
#14 AR-1232-4

R.T.: 5.791 min
Delta R.T.: 0.009 min
Response: 50590
Conc: 1.47 ng/ml



#14 AR-1232-4

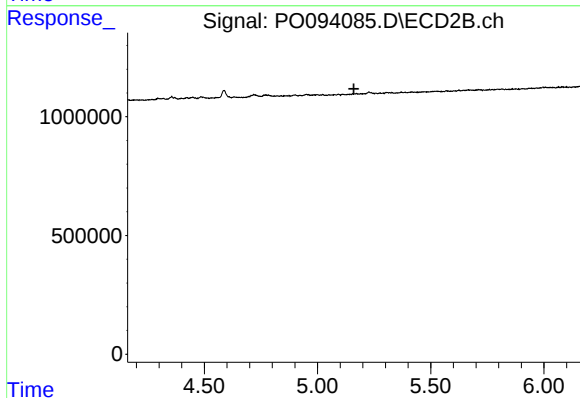
R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



#15 AR-1232-5

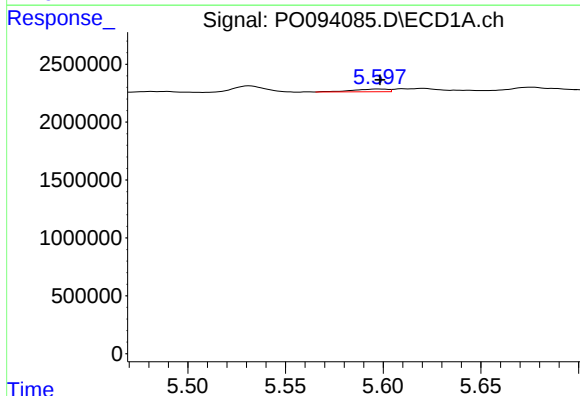
R.T.: 5.868 min
Delta R.T.: -0.007 min
Response: 58749
Conc: 1.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



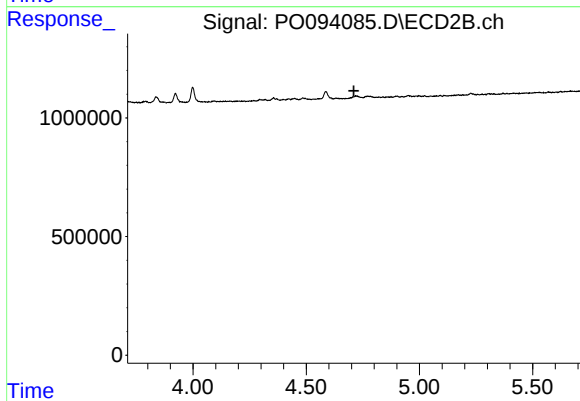
#15 AR-1232-5

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



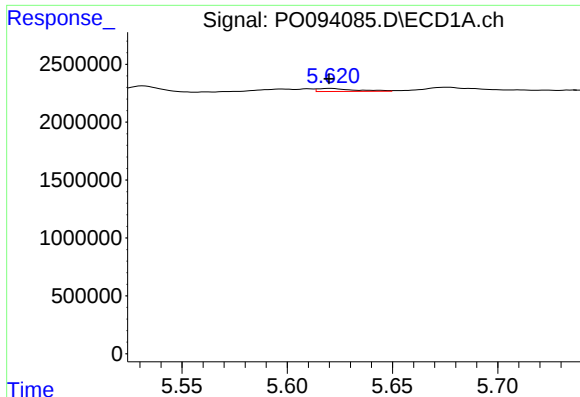
#16 AR-1242-1

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 290756
Conc: 3.33 ng/ml



#16 AR-1242-1

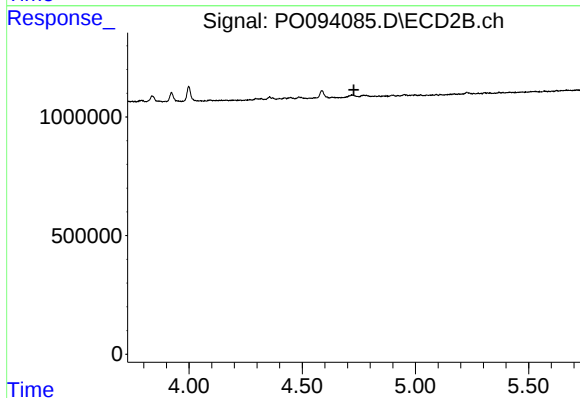
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

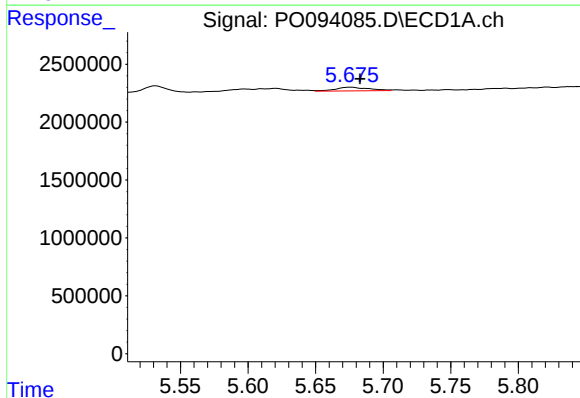
R.T.: 5.621 min
Delta R.T.: 0.001 min
Response: 318503
Conc: 2.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



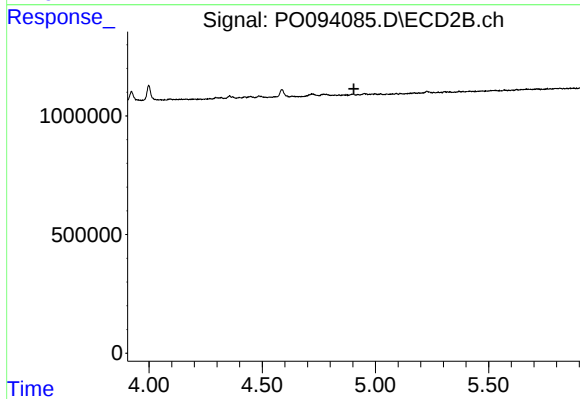
#17 AR-1242-2

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



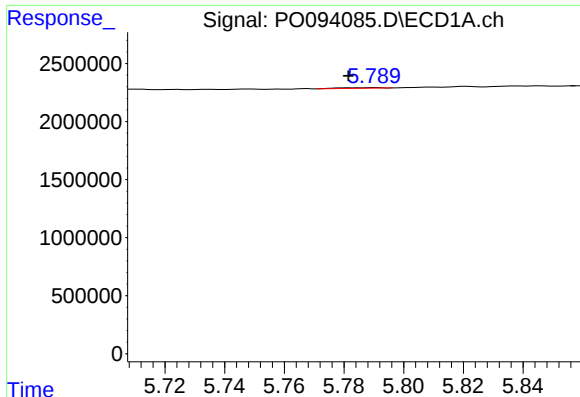
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: -0.007 min
Response: 548973
Conc: 6.47 ng/ml



#18 AR-1242-3

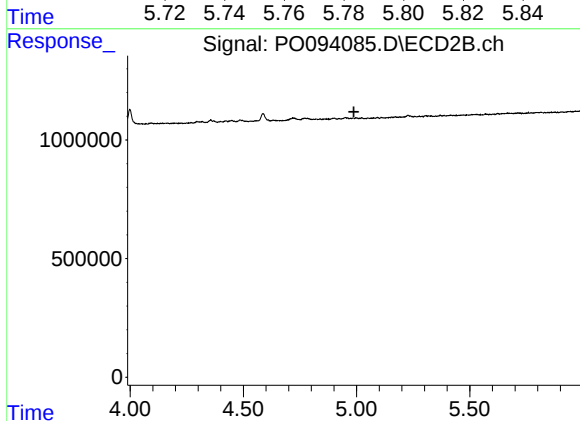
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#19 AR-1242-4

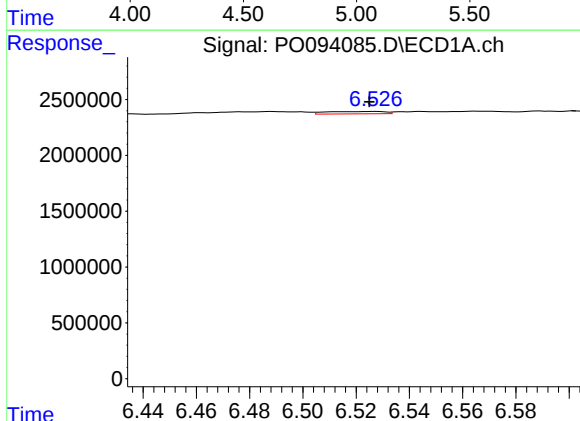
R.T.: 5.791 min
Delta R.T.: 0.009 min
Response: 50590
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



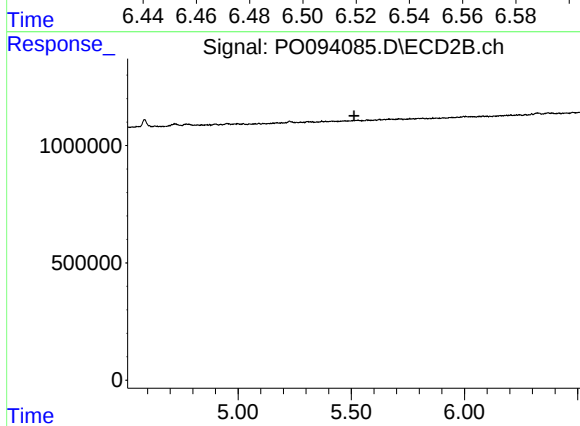
#19 AR-1242-4

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



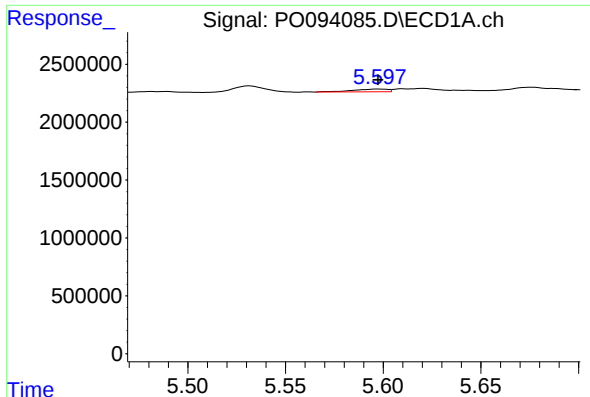
#20 AR-1242-5

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 336098
Conc: 4.99 ng/ml



#20 AR-1242-5

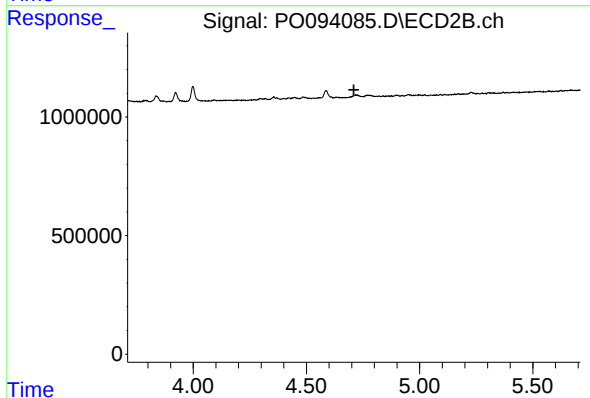
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#21 AR-1248-1

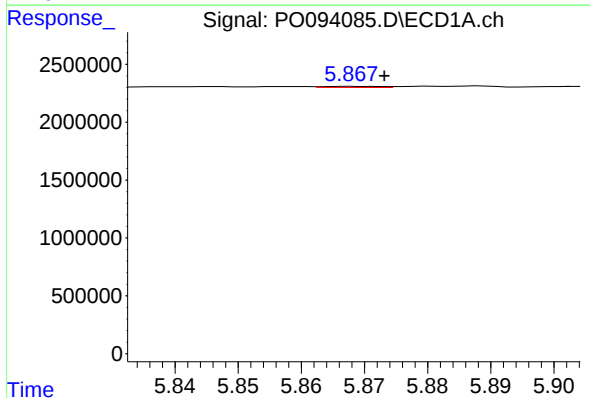
R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 290756
Conc: 4.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



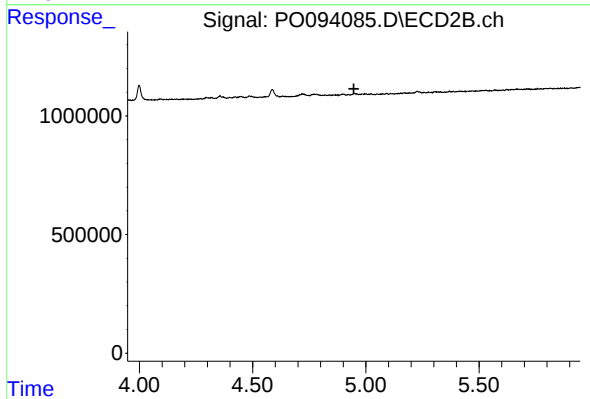
#21 AR-1248-1

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



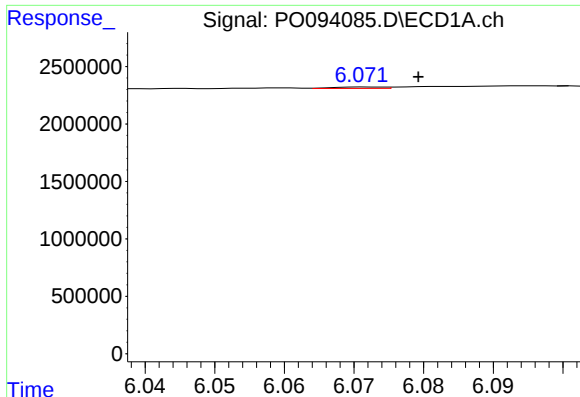
#22 AR-1248-2

R.T.: 5.868 min
Delta R.T.: -0.005 min
Response: 58749
Conc: 0.54 ng/ml



#22 AR-1248-2

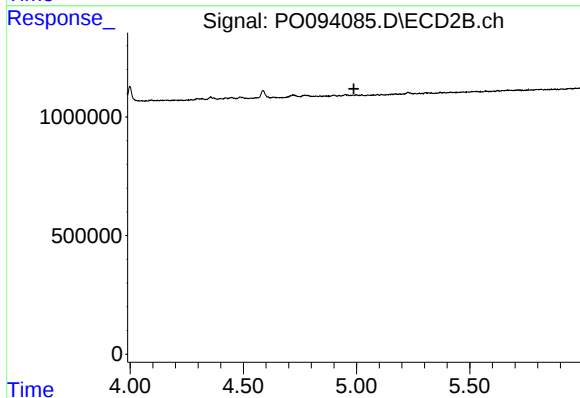
R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#23 AR-1248-3

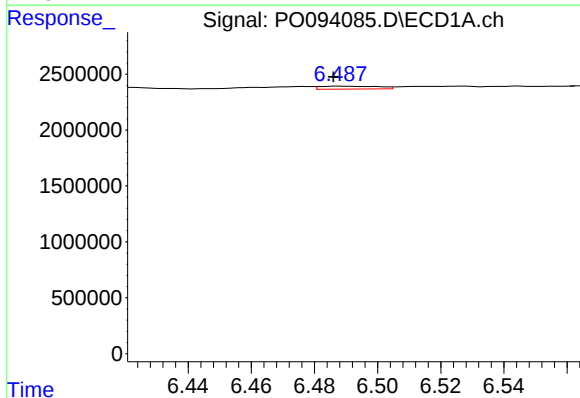
R.T.: 6.072 min
Delta R.T.: -0.008 min
Response: 58141
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



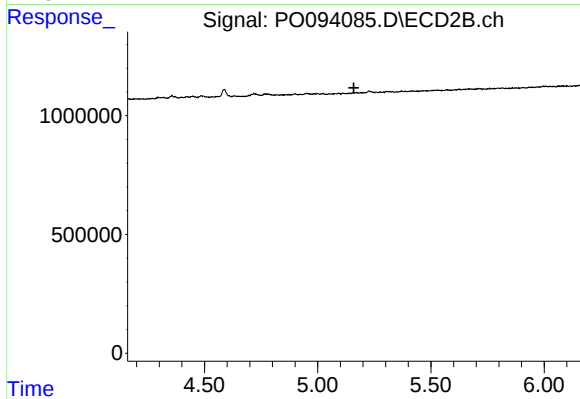
#23 AR-1248-3

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



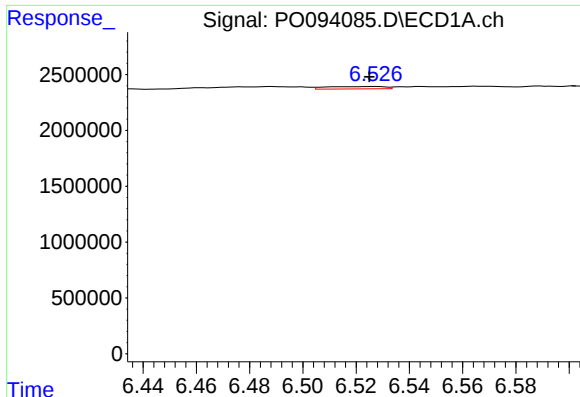
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: 0.002 min
Response: 332853
Conc: 3.10 ng/ml



#24 AR-1248-4

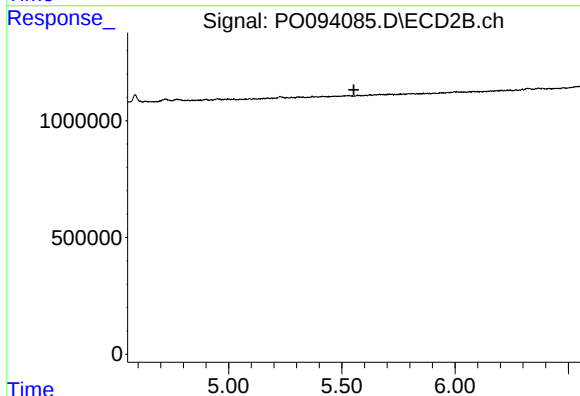
R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

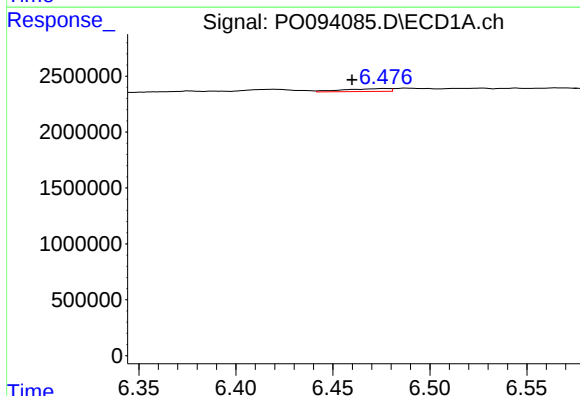
R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 336098
Conc: 2.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



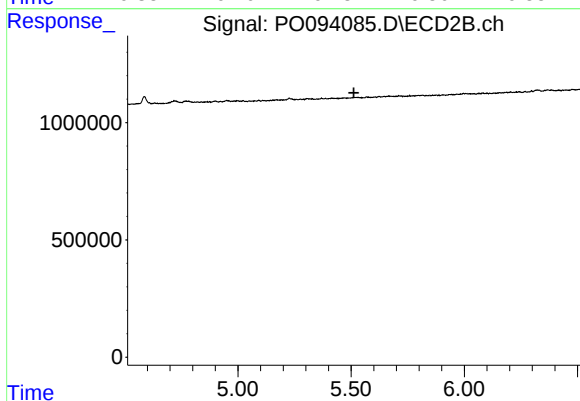
#25 AR-1248-5

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



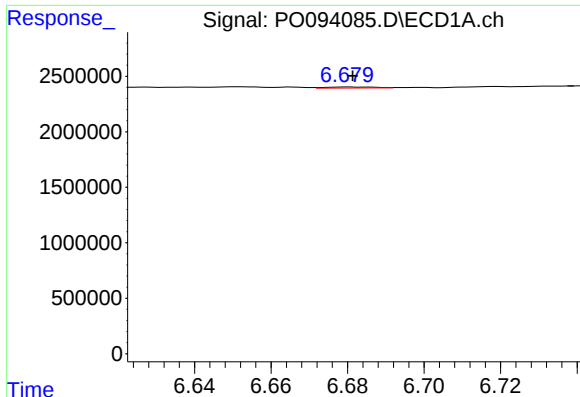
#26 AR-1254-1

R.T.: 6.477 min
Delta R.T.: 0.017 min
Response: 409341
Conc: 3.02 ng/ml



#26 AR-1254-1

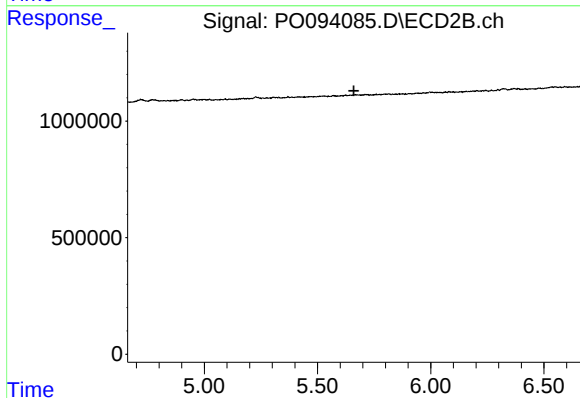
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#27 AR-1254-2

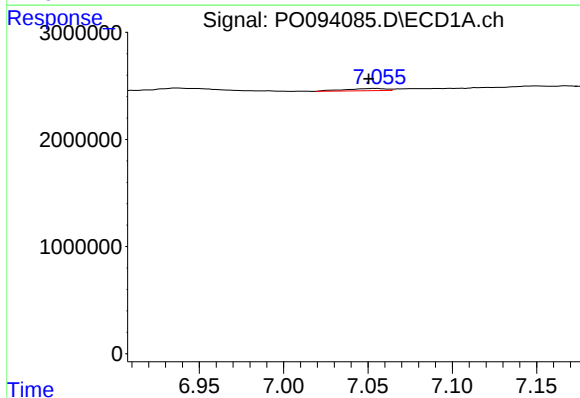
R.T.: 6.680 min
Delta R.T.: -0.001 min
Response: 87404
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



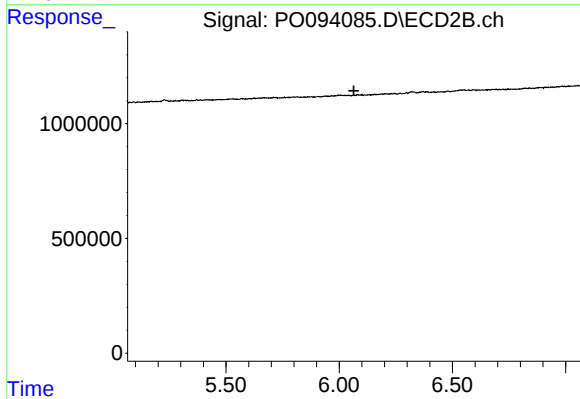
#27 AR-1254-2

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



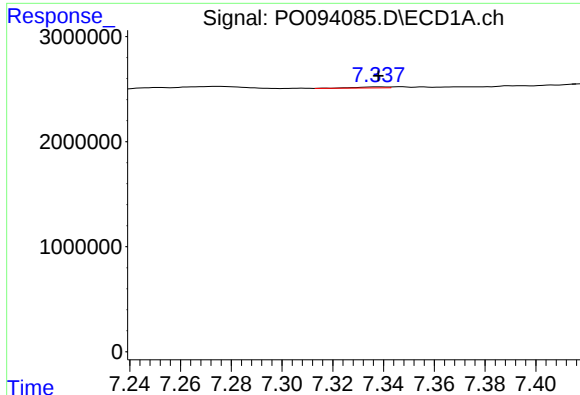
#28 AR-1254-3

R.T.: 7.055 min
Delta R.T.: 0.004 min
Response: 347541
Conc: 1.88 ng/ml



#28 AR-1254-3

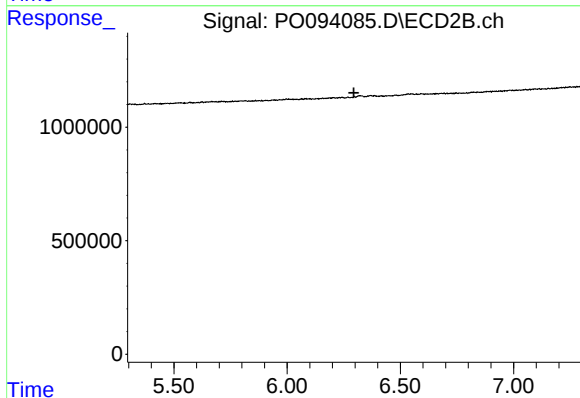
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

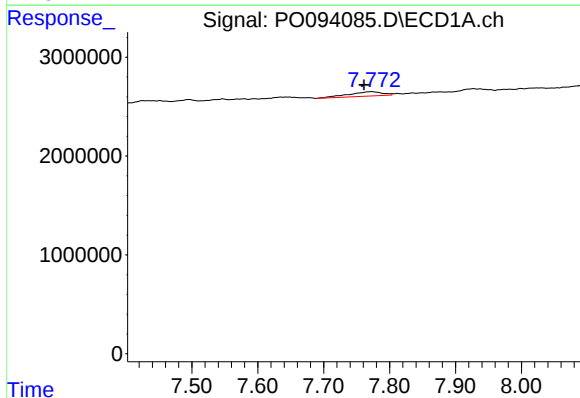
R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 89336
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



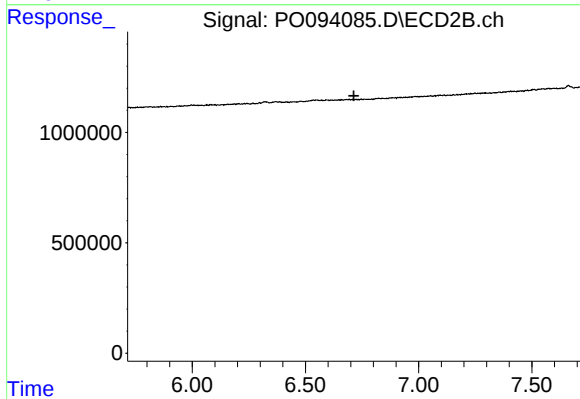
#29 AR-1254-4

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



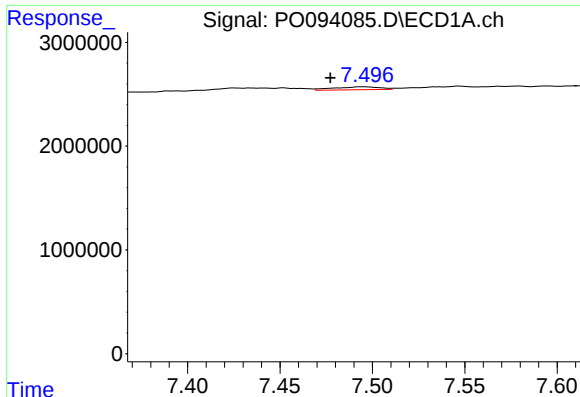
#30 AR-1254-5

R.T.: 7.773 min
Delta R.T.: 0.012 min
Response: 1572947
Conc: 11.60 ng/ml



#30 AR-1254-5

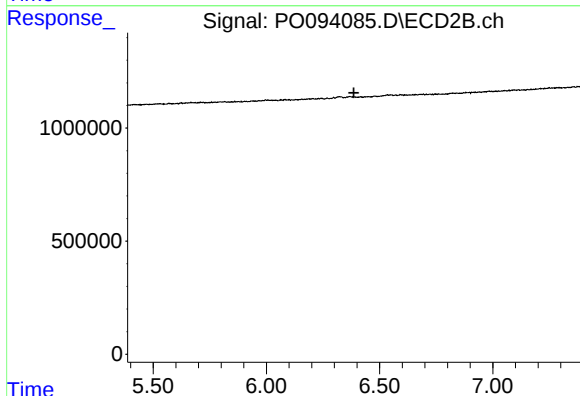
R.T.: 0.000 min
Exp R.T. : 6.714 min
Response: 0
Conc: N.D.



#32 AR-1260-2

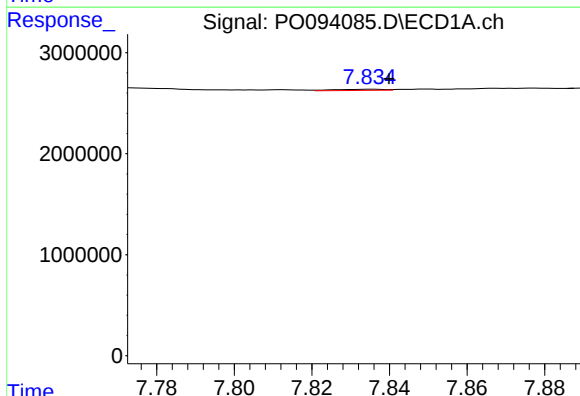
R.T.: 7.496 min
Delta R.T.: 0.019 min
Response: 494393
Conc: 3.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



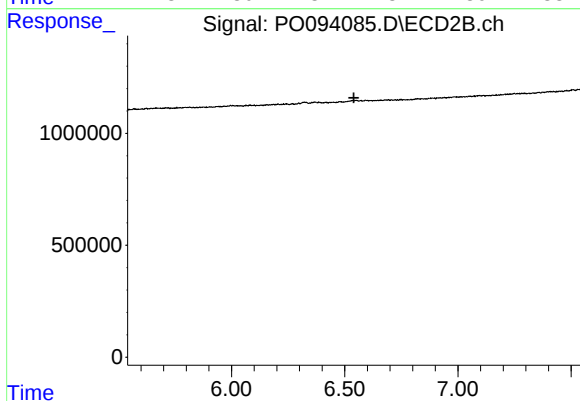
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.387 min
Response: 0
Conc: N.D.



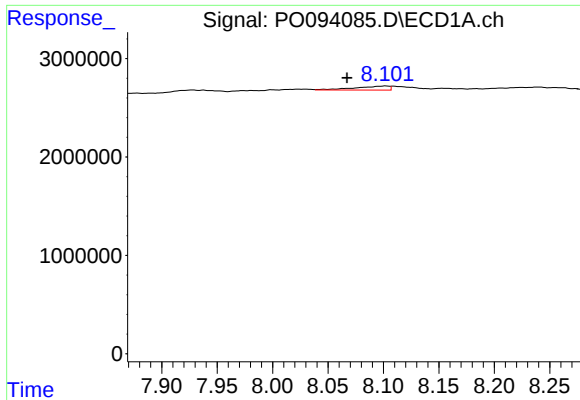
#33 AR-1260-3

R.T.: 7.835 min
Delta R.T.: -0.004 min
Response: 108020
Conc: 0.81 ng/ml



#33 AR-1260-3

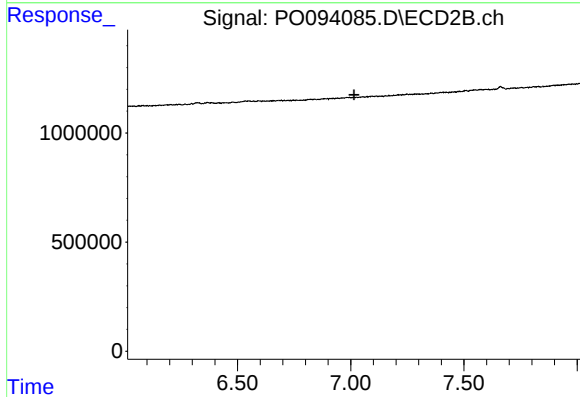
R.T.: 0.000 min
Exp R.T. : 6.540 min
Response: 0
Conc: N.D.



#34 AR-1260-4

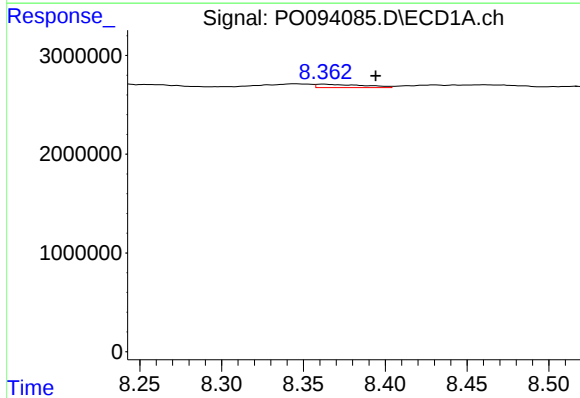
R.T.: 8.102 min
Delta R.T.: 0.035 min
Response: 858853
Conc: 6.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



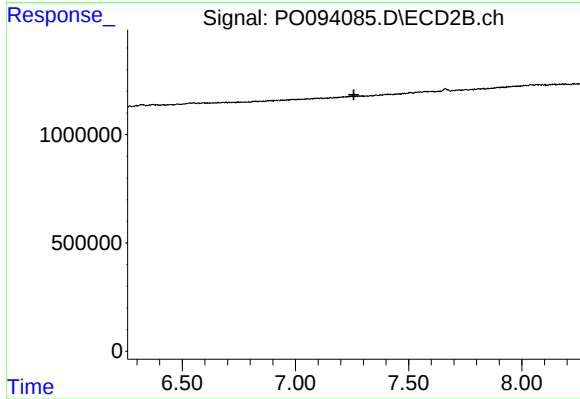
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.014 min
Response: 0
Conc: N.D.



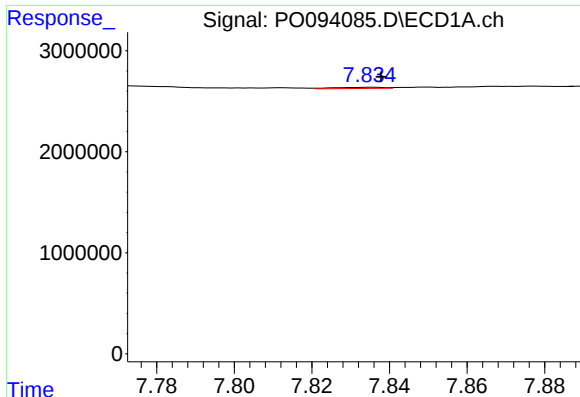
#35 AR-1260-5

R.T.: 8.362 min
Delta R.T.: -0.032 min
Response: 668667
Conc: 3.07 ng/ml



#35 AR-1260-5

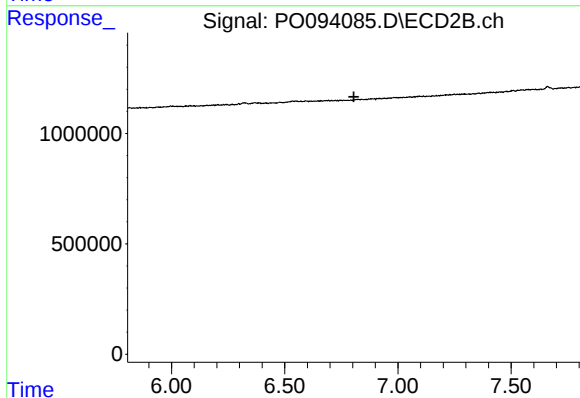
R.T.: 0.000 min
Exp R.T. : 7.258 min
Response: 0
Conc: N.D.



#36 AR-1262-1

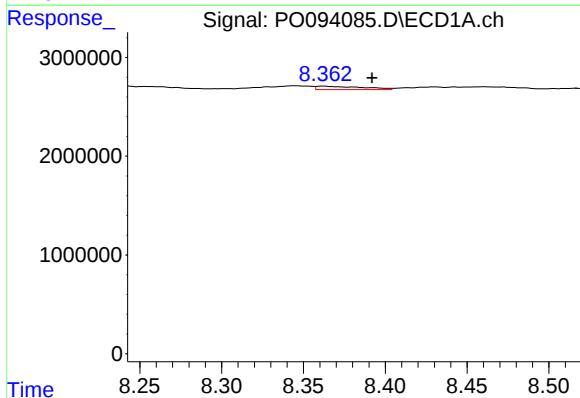
R.T.: 7.835 min
Delta R.T.: -0.002 min
Response: 108020
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



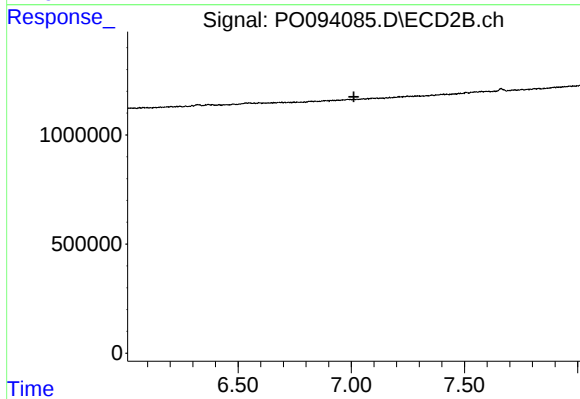
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.805 min
Response: 0
Conc: N.D.



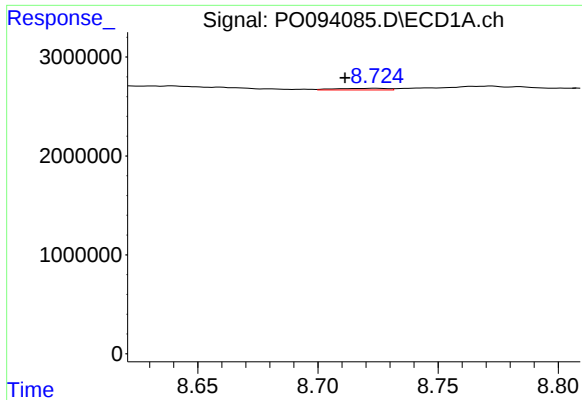
#37 AR-1262-2

R.T.: 8.362 min
Delta R.T.: -0.030 min
Response: 668667
Conc: 2.88 ng/ml



#37 AR-1262-2

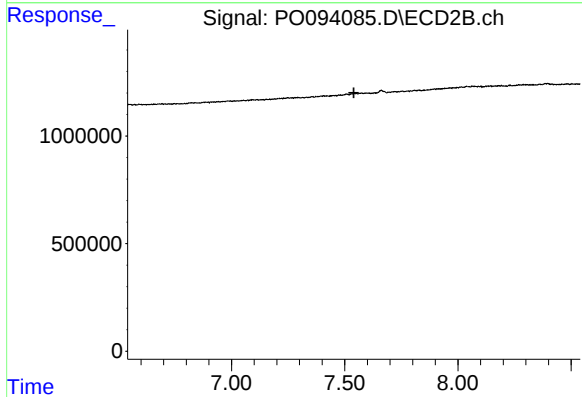
R.T.: 0.000 min
Exp R.T. : 7.012 min
Response: 0
Conc: N.D.



#38 AR-1262-3

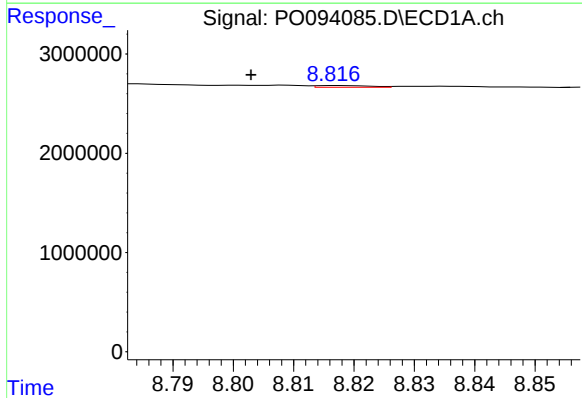
R.T.: 8.724 min
Delta R.T.: 0.013 min
Response: 248515
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



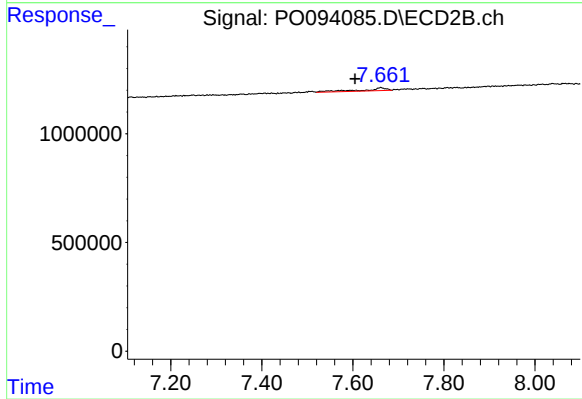
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



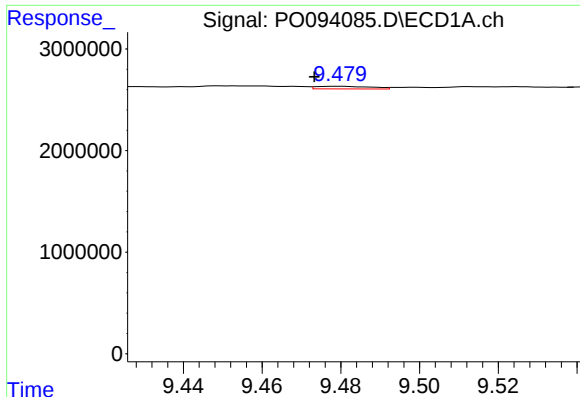
#39 AR-1262-4

R.T.: 8.817 min
Delta R.T.: 0.014 min
Response: 110026
Conc: 1.10 ng/ml



#39 AR-1262-4

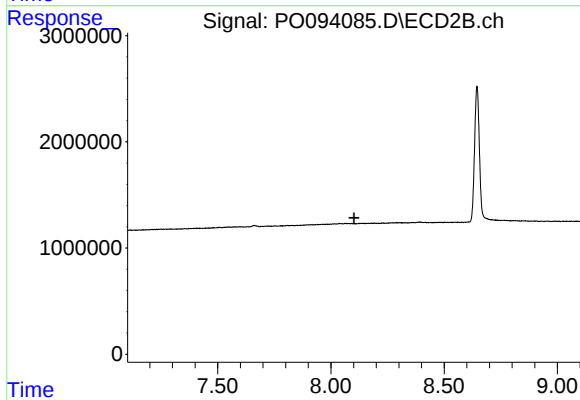
R.T.: 7.661 min
Delta R.T.: 0.057 min
Response: 477239
Conc: 5.75 ng/ml



#40 AR-1262-5

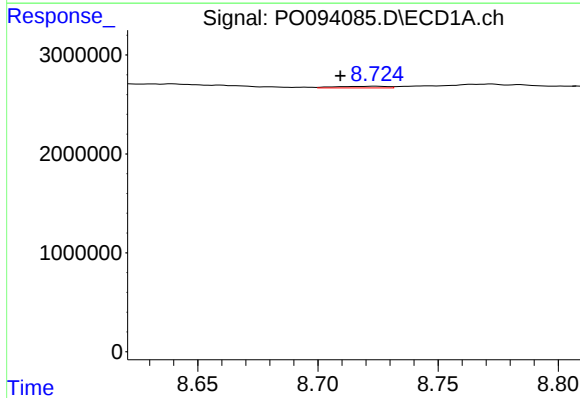
R.T.: 9.480 min
Delta R.T.: 0.006 min
Response: 244687
Conc: 3.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



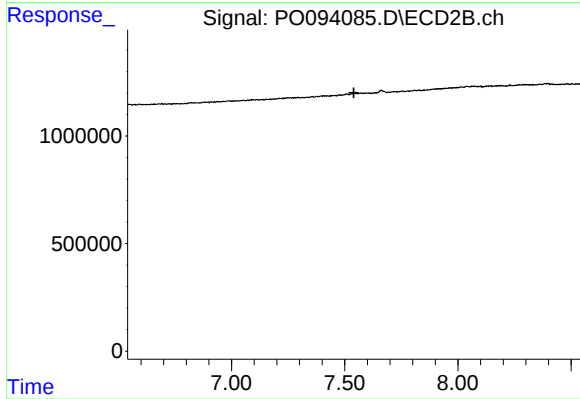
#40 AR-1262-5

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



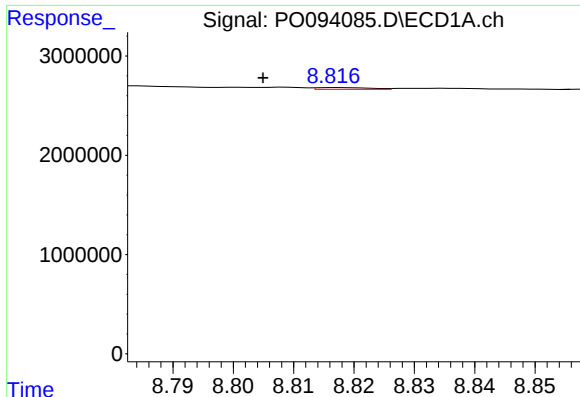
#41 AR-1268-1

R.T.: 8.724 min
Delta R.T.: 0.015 min
Response: 248515
Conc: 0.74 ng/ml



#41 AR-1268-1

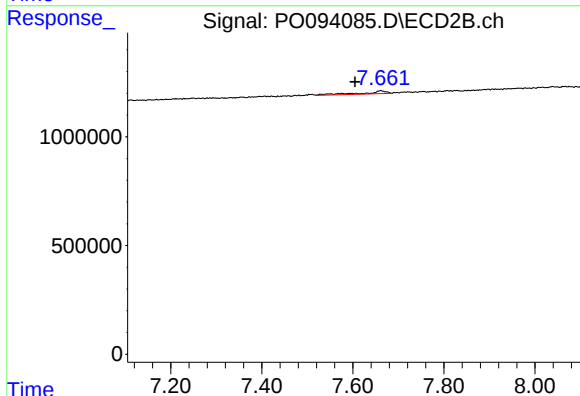
R.T.: 0.000 min
Exp R.T. : 7.540 min
Response: 0
Conc: N.D.



#42 AR-1268-2

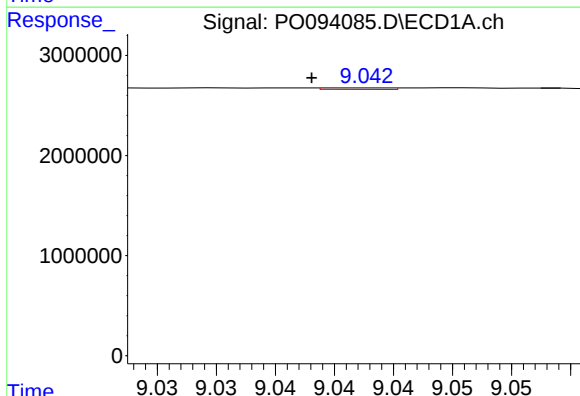
R.T.: 8.817 min
Delta R.T.: 0.012 min
Response: 110026
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



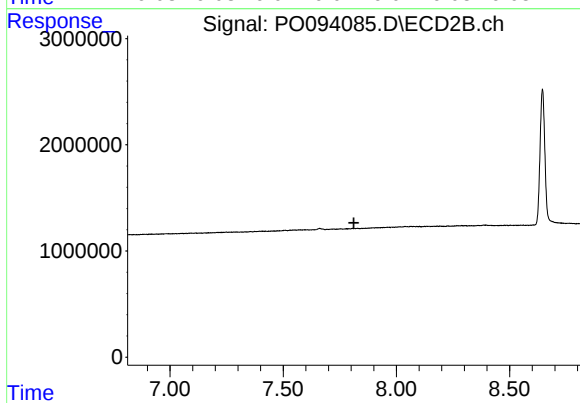
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.057 min
Response: 477239
Conc: 3.51 ng/ml



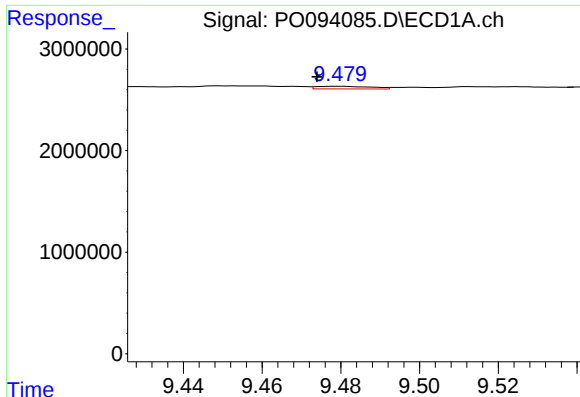
#43 AR-1268-3

R.T.: 9.042 min
Delta R.T.: 0.004 min
Response: 58383
Conc: 0.21 ng/ml



#43 AR-1268-3

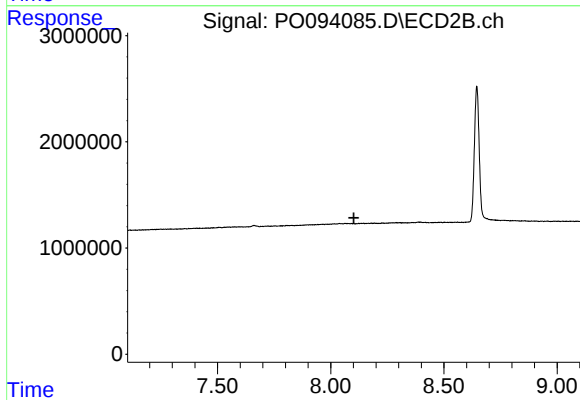
R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



#44 AR-1268-4

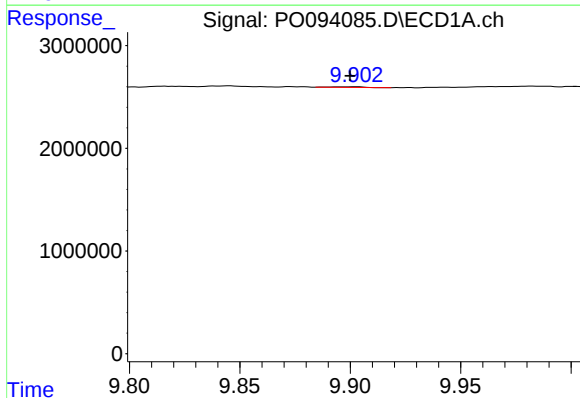
R.T.: 9.480 min
Delta R.T.: 0.006 min
Response: 244687
Conc: 2.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



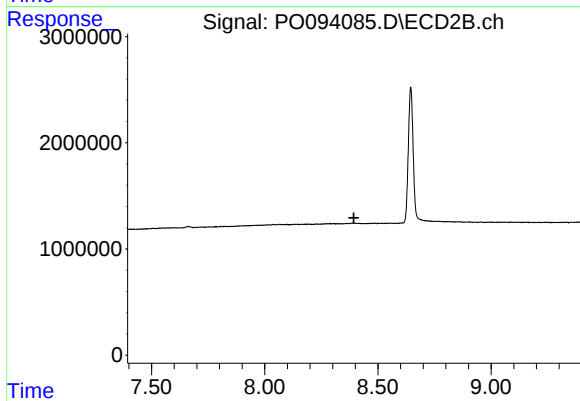
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.902 min
Delta R.T.: 0.002 min
Response: 65433
Conc: 0.08 ng/ml



#45 AR-1268-5

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