

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0051923\
 Data File : P0095198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2023 17:52
 Operator : YP/AJ
 Sample : 02849-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 22:05:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0051823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 19 06:20:17 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...	4.493	3.650	61789549	24700292	21.206	21.753
2)	SA Decachlor...	10.545	8.712	46007890	19181704	19.827	19.779
Target Compounds							
3)	L1 AR-1016-1	5.692	0.000	348903	0	3.346	N.D. #
4)	L1 AR-1016-2	5.723	0.000	506039	0	3.355	N.D. #
5)	L1 AR-1016-3	5.775	0.000	711438	0	7.524	N.D. #
6)	L1 AR-1016-4	5.906	0.000	611604	0	8.127	N.D. #
7)	L1 AR-1016-5	6.163	0.000	13592	0	0.183	N.D. #
8)	L2 AR-1221-1	4.706	0.000	13144803	0	352.393	N.D. #
9)	L2 AR-1221-2	4.807	3.951	1219843	531331	41.660	45.411
10)	L2 AR-1221-3	4.858	4.083f	292361	1983762	3.441	57.217 #
11)	L3 AR-1232-1	4.858	4.083f	292361	1983762	4.617	75.050 #
12)	L3 AR-1232-2	5.440	0.000	23961	0	0.670	N.D. #
13)	L3 AR-1232-3	5.723	0.000	506039	0	7.505	N.D. #
14)	L3 AR-1232-4	5.906	0.000	611604	0	18.021	N.D. #
15)	L3 AR-1232-5	5.969	0.000	297706	0	10.387	N.D. #
16)	L4 AR-1242-1	5.692	0.000	348903	0	4.374	N.D. #
17)	L4 AR-1242-2	5.723	0.000	506039	0	4.427	N.D. #
18)	L4 AR-1242-3	5.775	0.000	711438	0	9.720	N.D. #
19)	L4 AR-1242-4	5.906	0.000	611604	0	10.532	N.D. #
20)	L4 AR-1242-5	6.627	0.000	110672	0	1.895	N.D. #
21)	L5 AR-1248-1	5.692	0.000	348903	0	4.878	N.D. #
22)	L5 AR-1248-2	5.969	0.000	297706	0	2.808	N.D. #
23)	L5 AR-1248-3	6.163	0.000	13592	0	0.118	N.D. #
24)	L5 AR-1248-4	6.616	0.000	377936	0	2.998	N.D. #
25)	L5 AR-1248-5	6.627	0.000	110672	0	0.908	N.D. #
26)	L6 AR-1254-1	6.581	0.000	140289	0	1.240	N.D. #
27)	L6 AR-1254-2	6.801	0.000	67001	0	0.386	N.D. #
28)	L6 AR-1254-3	7.178	0.000	445543	0	2.540	N.D. #
29)	L6 AR-1254-4	7.472	0.000	11024	0	0.086	N.D. #
30)	L6 AR-1254-5	7.917	0.000	299969	0	1.810	N.D. #
31)	L7 AR-1260-1	7.357	0.000	25057	0	0.183	N.D. #
32)	L7 AR-1260-2	7.629	0.000	38901	0	0.241	N.D. #
33)	L7 AR-1260-3	8.003	0.000	139859	0	1.364	N.D. #
34)	L7 AR-1260-4	8.252	0.000	736510	0	5.169	N.D. #
35)	L7 AR-1260-5	8.574	0.000	1325419	0	5.581	N.D. #
36)	L8 AR-1262-1	8.003	0.000	139859	0	0.799	N.D. #
37)	L8 AR-1262-2	8.574	0.000	1325419	0	4.375	N.D. #
38)	L8 AR-1262-3	8.914	0.000	329183	0	1.569	N.D. #
39)	L8 AR-1262-4	9.009	0.000	213405	0	1.310	N.D. #
40)	L8 AR-1262-5	9.723	0.000	265846	0	2.478	N.D. #
41)	L9 AR-1268-1	8.914	0.000	329183	0	0.928	N.D. #

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Instrument :
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Integration File signal 1: autoint1.e
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 QLast Update : Fri May 19 06:20:17 2023
 Response via : Initial Calibration
 Integrator: ChemStation

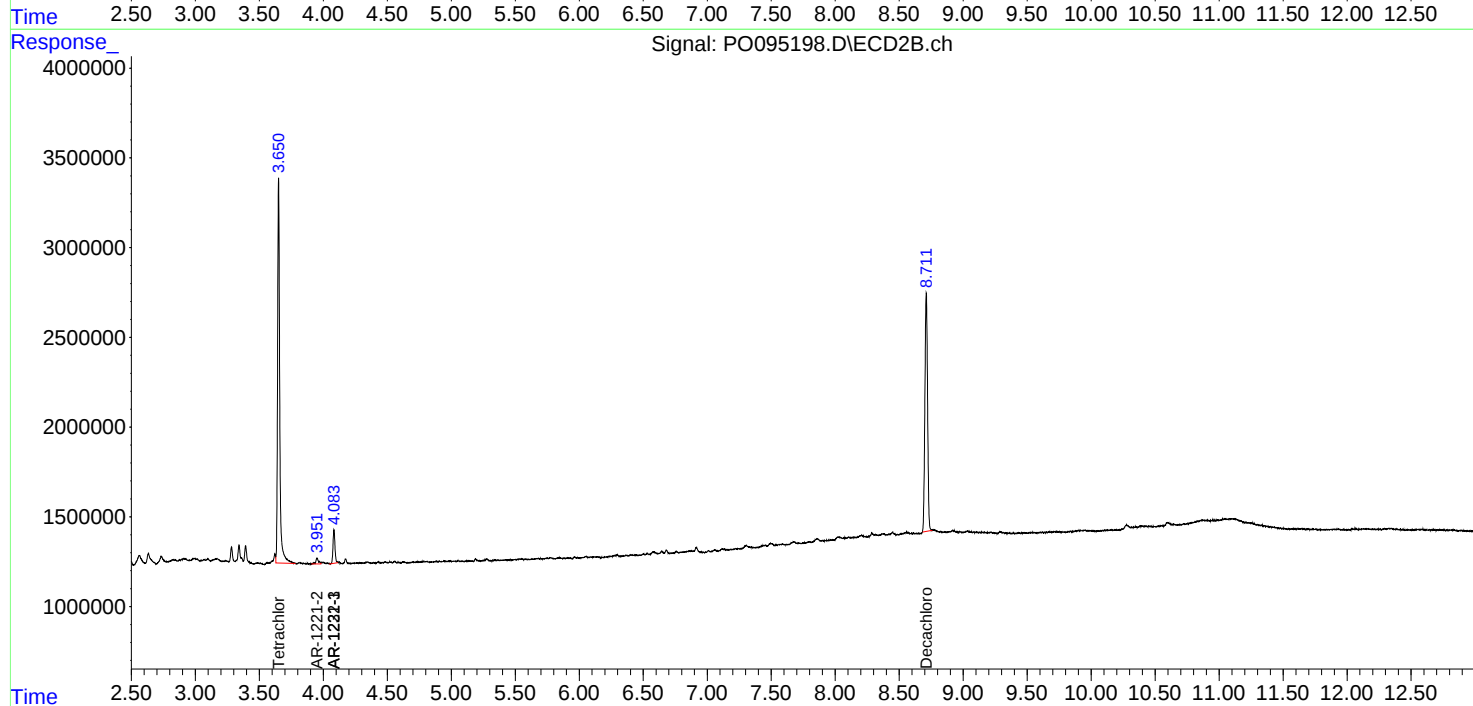
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

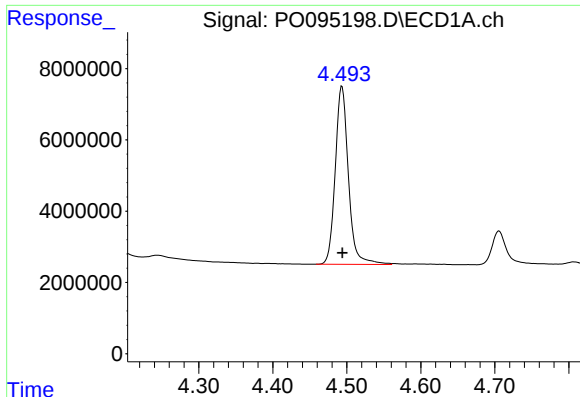
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42)	L9 AR-1268-2	9.009	0.000	213405	0	0.658	N.D.	#
43)	L9 AR-1268-3	9.263	0.000	108289	0	0.392	N.D.	#
44)	L9 AR-1268-4	9.723	0.000	265846	0	2.250	N.D.	#
45)	L9 AR-1268-5	10.176	0.000	101760	0	0.115	N.D.	#

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

Instrument :
ECD_O
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

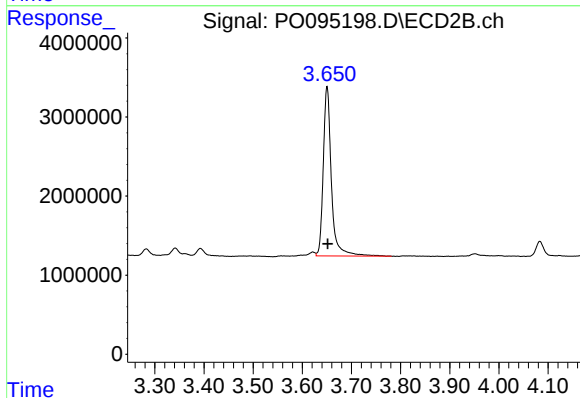




#1 Tetrachloro-m-xylene

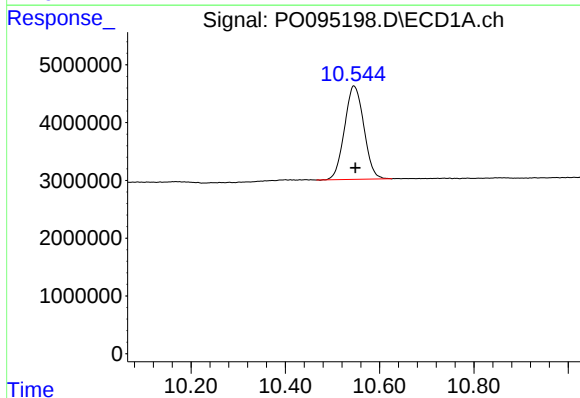
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 61789549
Conc: 21.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



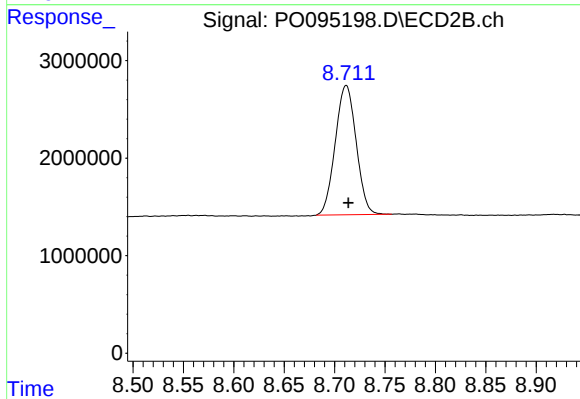
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: -0.001 min
Response: 24700292
Conc: 21.75 ng/ml



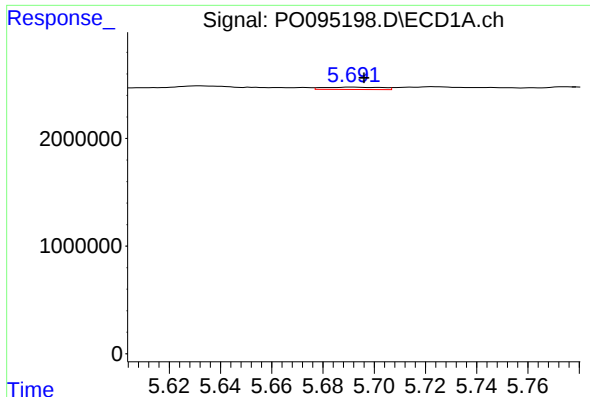
#2 Decachlorobiphenyl

R.T.: 10.545 min
Delta R.T.: -0.004 min
Response: 46007890
Conc: 19.83 ng/ml



#2 Decachlorobiphenyl

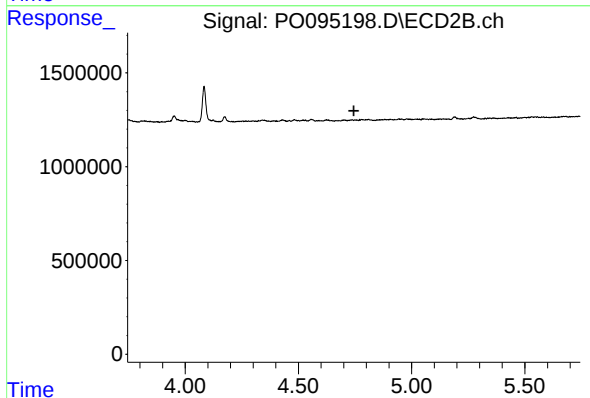
R.T.: 8.712 min
Delta R.T.: -0.002 min
Response: 19181704
Conc: 19.78 ng/ml



#3 AR-1016-1

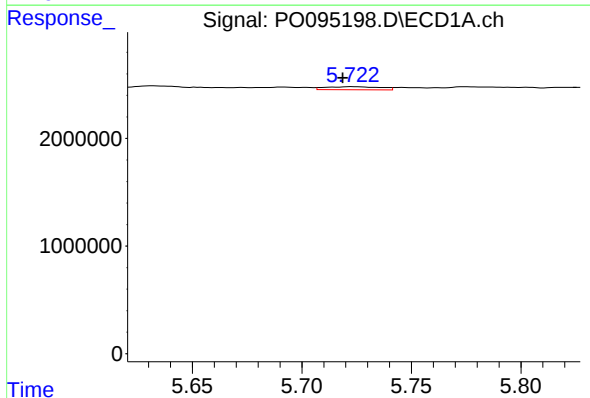
R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 348903
Conc: 3.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



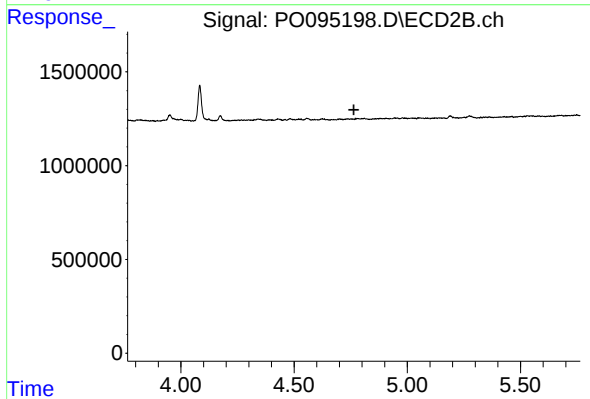
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.745 min
Response: 0
Conc: N.D.



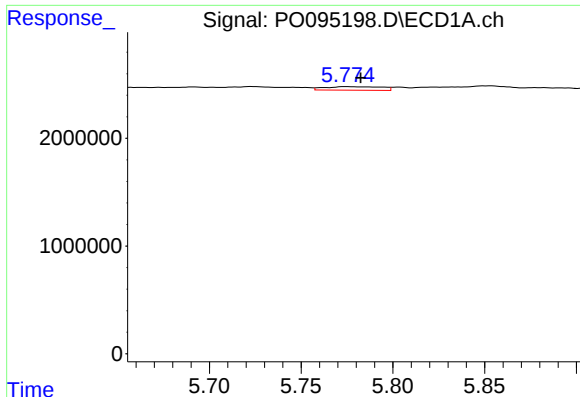
#4 AR-1016-2

R.T.: 5.723 min
Delta R.T.: 0.004 min
Response: 506039
Conc: 3.36 ng/ml



#4 AR-1016-2

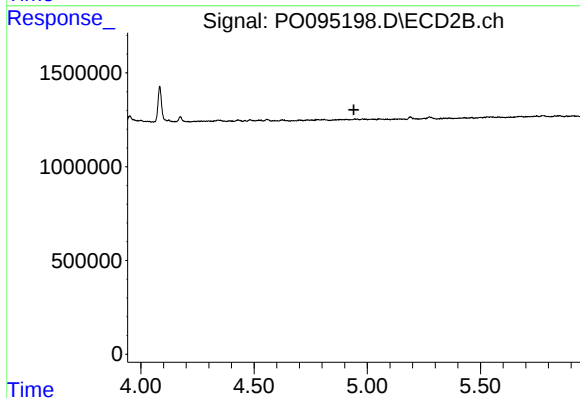
R.T.: 0.000 min
Exp R.T. : 4.764 min
Response: 0
Conc: N.D.



#5 AR-1016-3

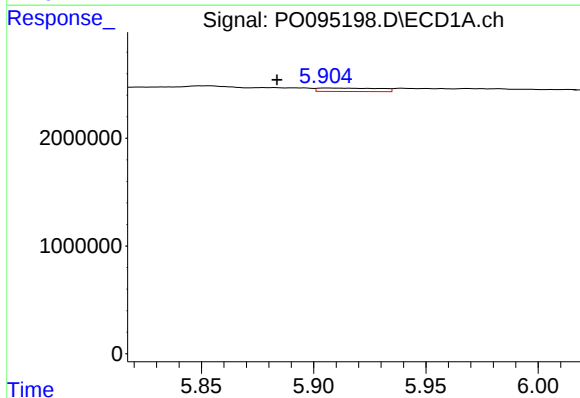
R.T.: 5.775 min
Delta R.T.: -0.008 min
Response: 711438
Conc: 7.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



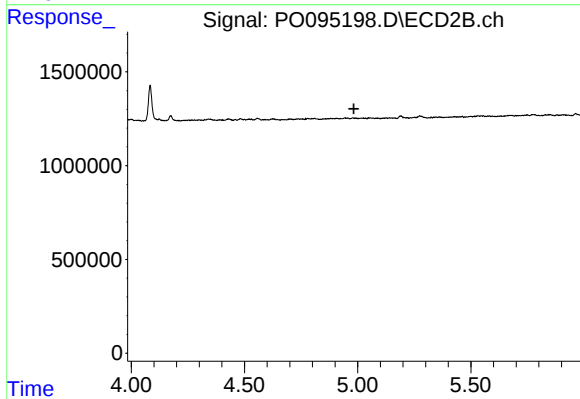
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.941 min
Response: 0
Conc: N.D.



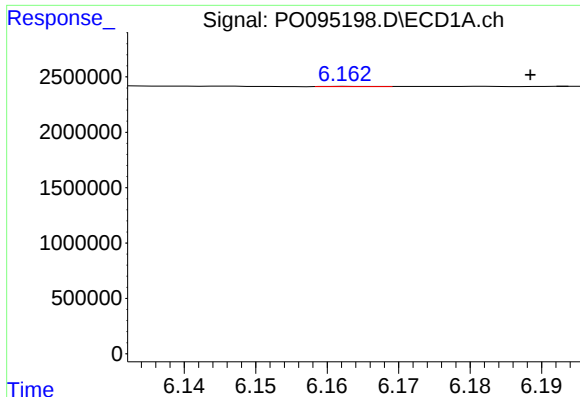
#6 AR-1016-4

R.T.: 5.906 min
Delta R.T.: 0.022 min
Response: 611604
Conc: 8.13 ng/ml



#6 AR-1016-4

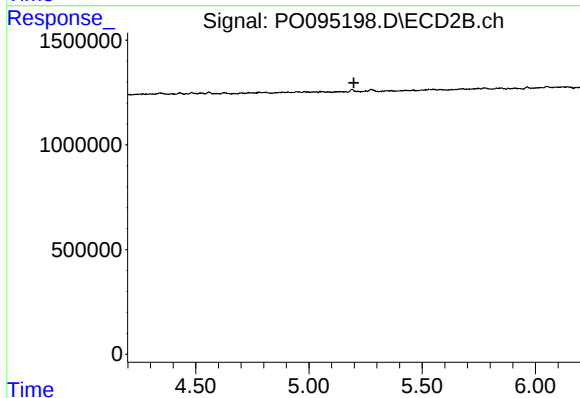
R.T.: 0.000 min
Exp R.T. : 4.984 min
Response: 0
Conc: N.D.



#7 AR-1016-5

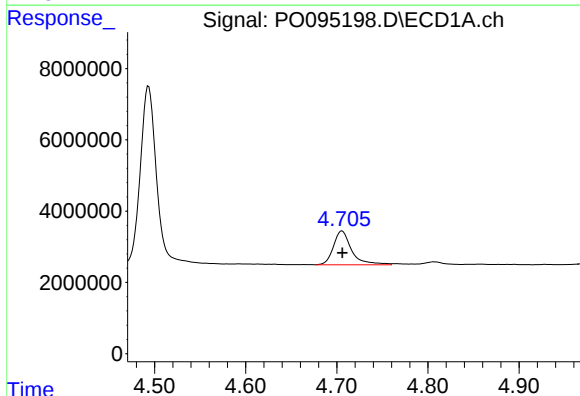
R.T.: 6.163 min
Delta R.T.: -0.026 min
Response: 13592
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



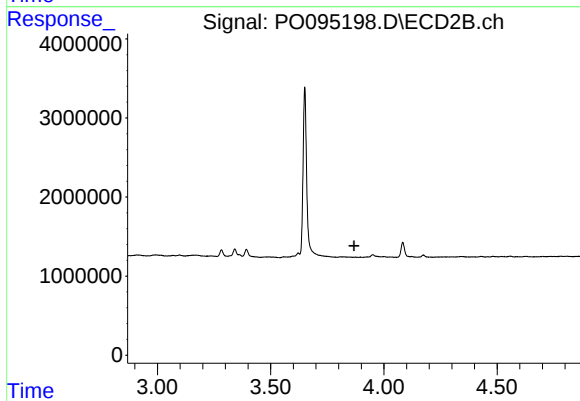
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.198 min
Response: 0
Conc: N.D.



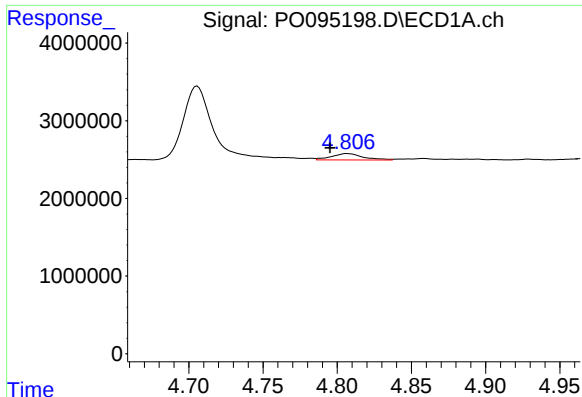
#8 AR-1221-1

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 13144803
Conc: 352.39 ng/ml



#8 AR-1221-1

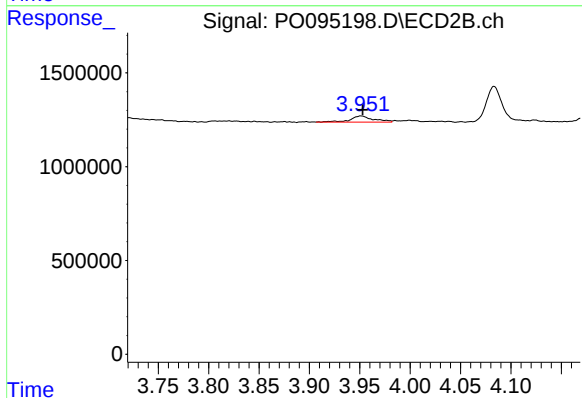
R.T.: 0.000 min
Exp R.T. : 3.868 min
Response: 0
Conc: N.D.



#9 AR-1221-2

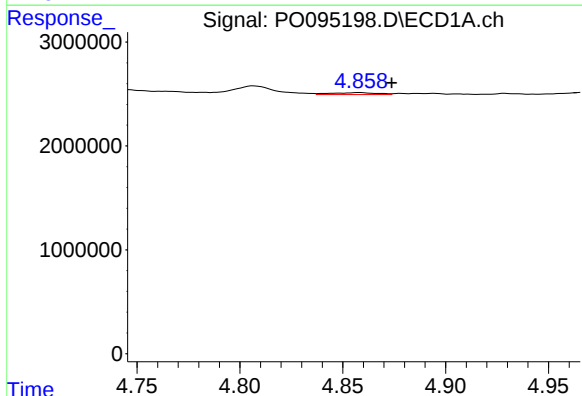
R.T.: 4.807 min
Delta R.T.: 0.012 min
Response: 1219843
Conc: 41.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



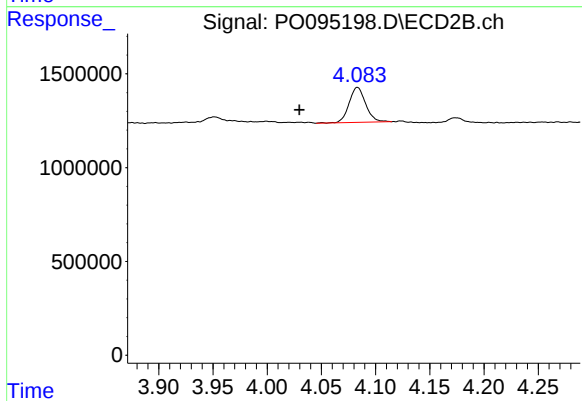
#9 AR-1221-2

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 531331
Conc: 45.41 ng/ml



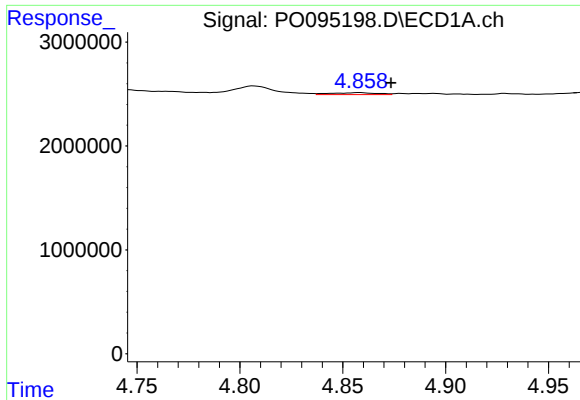
#10 AR-1221-3

R.T.: 4.858 min
Delta R.T.: -0.016 min
Response: 292361
Conc: 3.44 ng/ml



#10 AR-1221-3

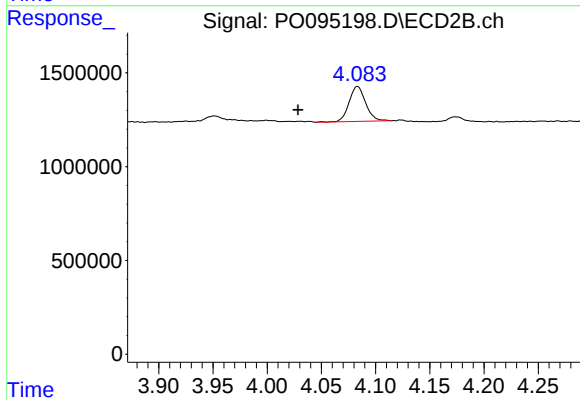
R.T.: 4.083 min
Delta R.T.: 0.053 min
Response: 1983762
Conc: 57.22 ng/ml



#11 AR-1232-1

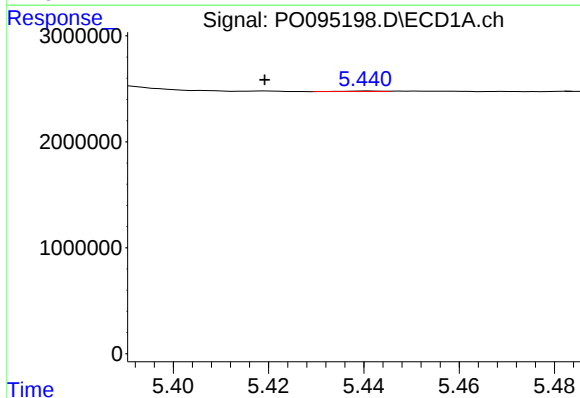
R.T.: 4.858 min
Delta R.T.: -0.015 min
Response: 292361
Conc: 4.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



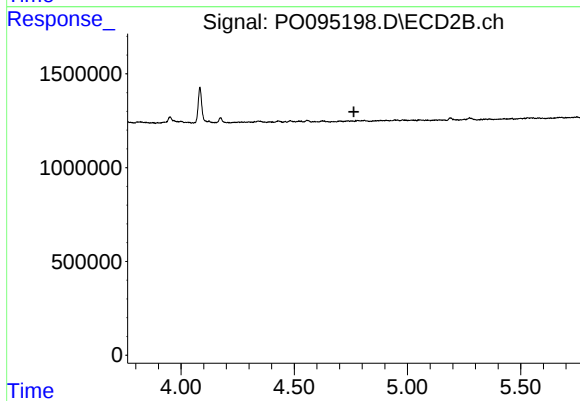
#11 AR-1232-1

R.T.: 4.083 min
Delta R.T.: 0.055 min
Response: 1983762
Conc: 75.05 ng/ml



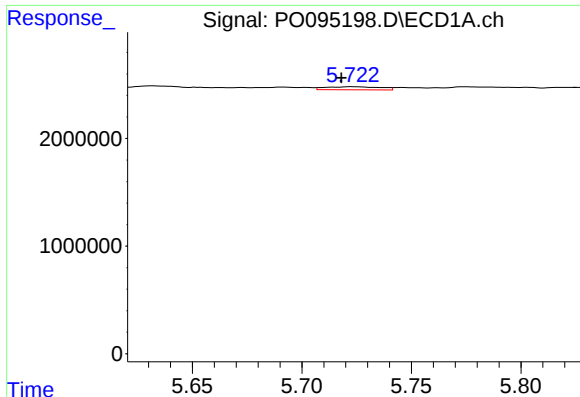
#12 AR-1232-2

R.T.: 5.440 min
Delta R.T.: 0.021 min
Response: 23961
Conc: 0.67 ng/ml



#12 AR-1232-2

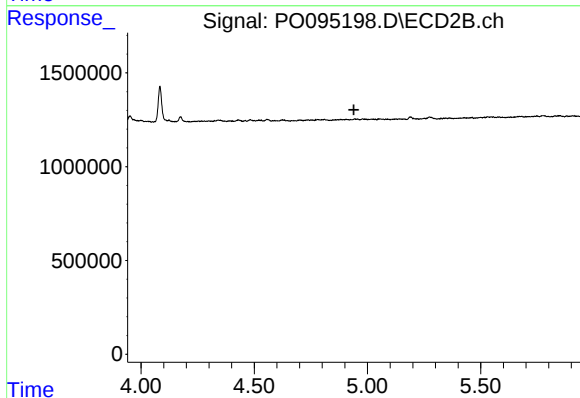
R.T.: 0.000 min
Exp R.T. : 4.763 min
Response: 0
Conc: N.D.



#13 AR-1232-3

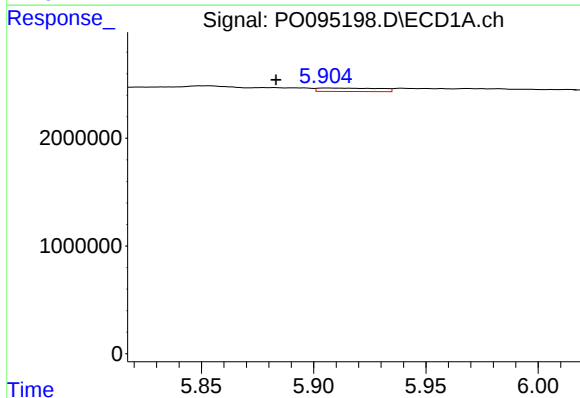
R.T.: 5.723 min
Delta R.T.: 0.005 min
Response: 506039
Conc: 7.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



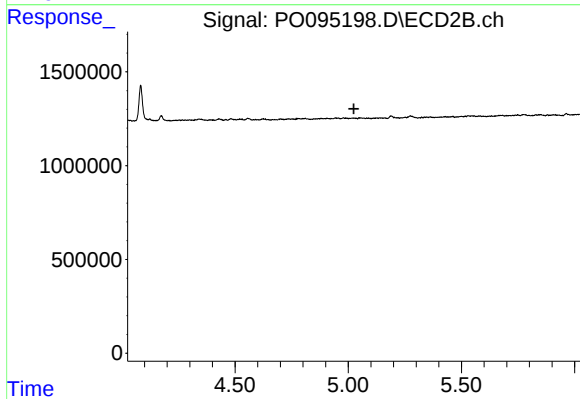
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.940 min
Response: 0
Conc: N.D.



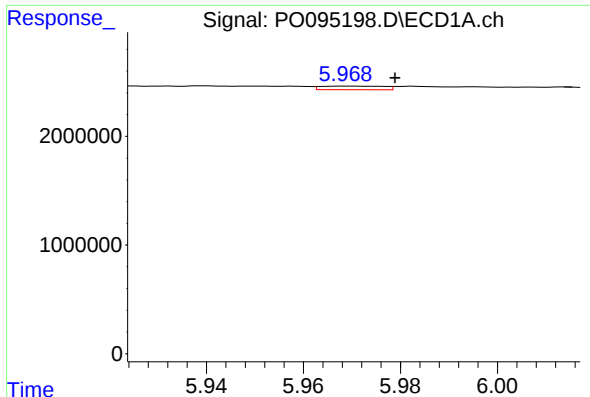
#14 AR-1232-4

R.T.: 5.906 min
Delta R.T.: 0.023 min
Response: 611604
Conc: 18.02 ng/ml



#14 AR-1232-4

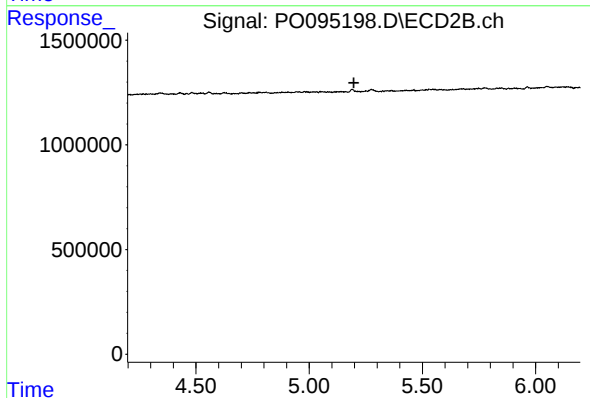
R.T.: 0.000 min
Exp R.T. : 5.025 min
Response: 0
Conc: N.D.



#15 AR-1232-5

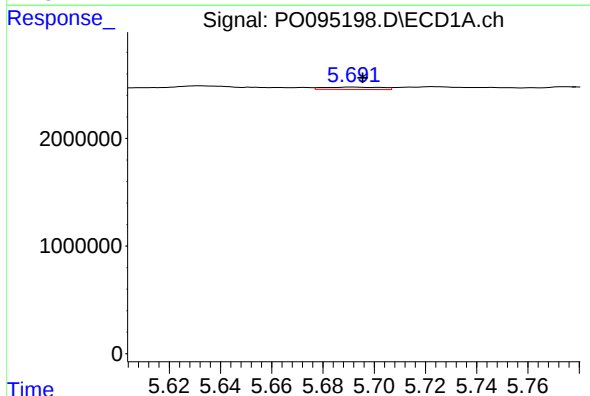
R.T.: 5.969 min
Delta R.T.: -0.010 min
Response: 297706
Conc: 10.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



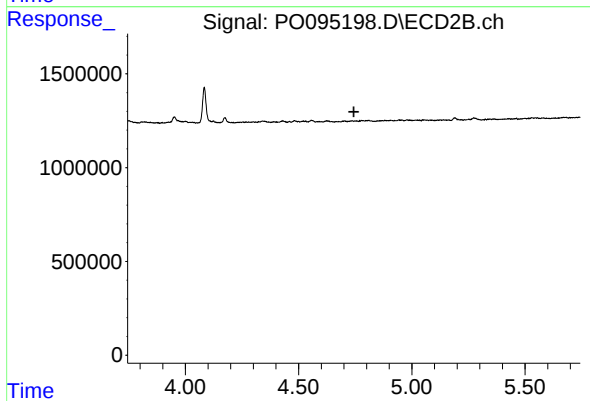
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.197 min
Response: 0
Conc: N.D.



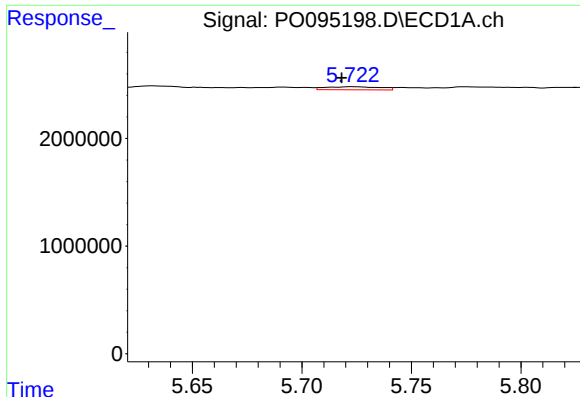
#16 AR-1242-1

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 348903
Conc: 4.37 ng/ml



#16 AR-1242-1

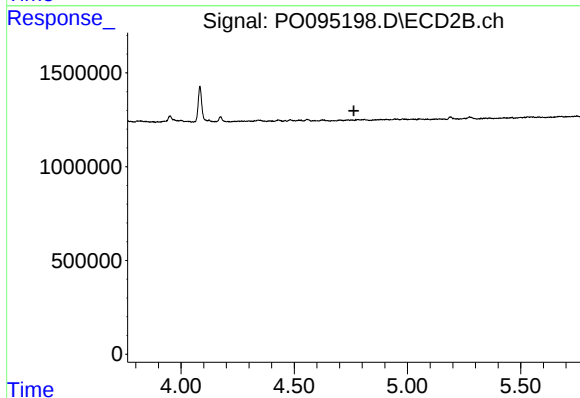
R.T.: 0.000 min
Exp R.T. : 4.744 min
Response: 0
Conc: N.D.



#17 AR-1242-2

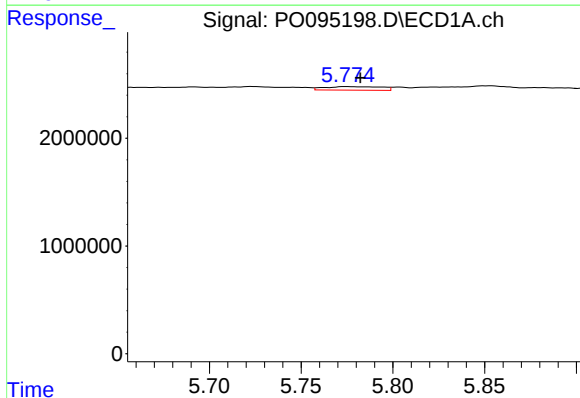
R.T.: 5.723 min
Delta R.T.: 0.005 min
Response: 506039
Conc: 4.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



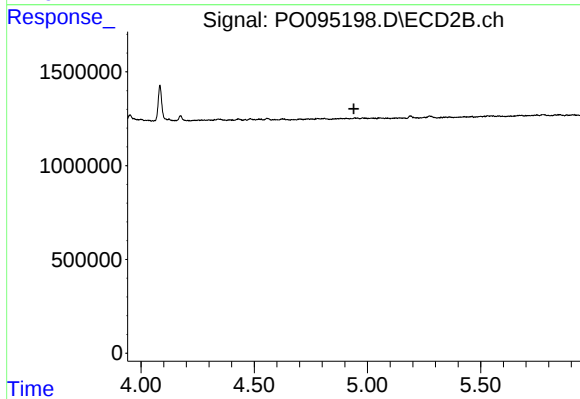
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.763 min
Response: 0
Conc: N.D.



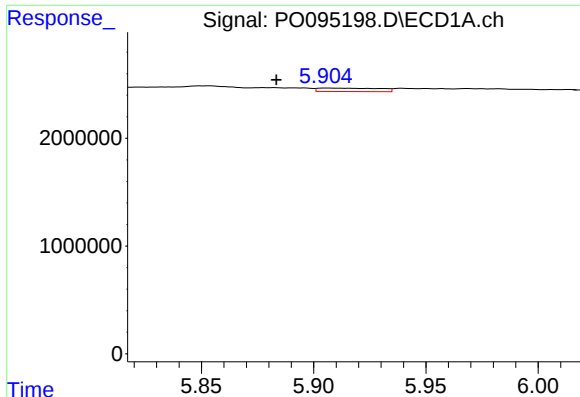
#18 AR-1242-3

R.T.: 5.775 min
Delta R.T.: -0.008 min
Response: 711438
Conc: 9.72 ng/ml



#18 AR-1242-3

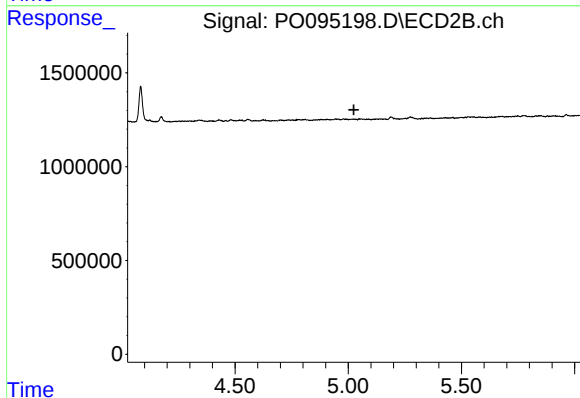
R.T.: 0.000 min
Exp R.T. : 4.940 min
Response: 0
Conc: N.D.



#19 AR-1242-4

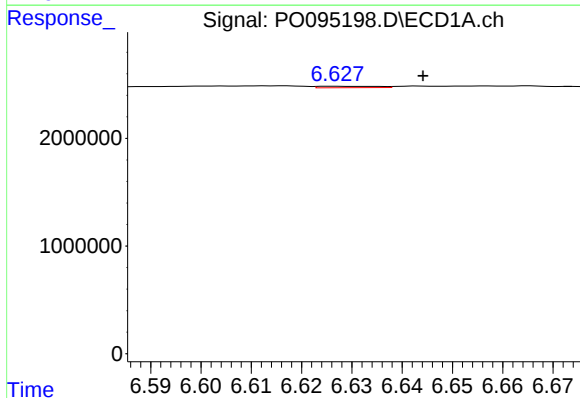
R.T.: 5.906 min
Delta R.T.: 0.022 min
Response: 611604
Conc: 10.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



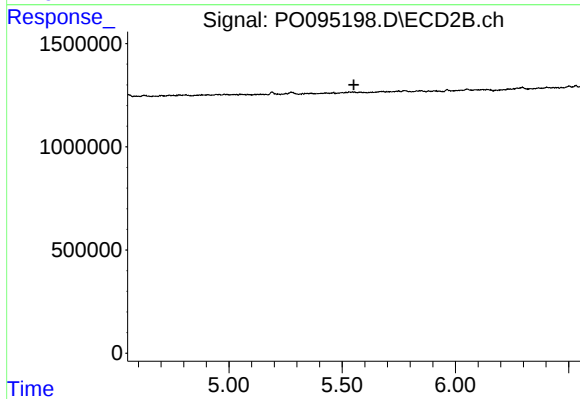
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.025 min
Response: 0
Conc: N.D.



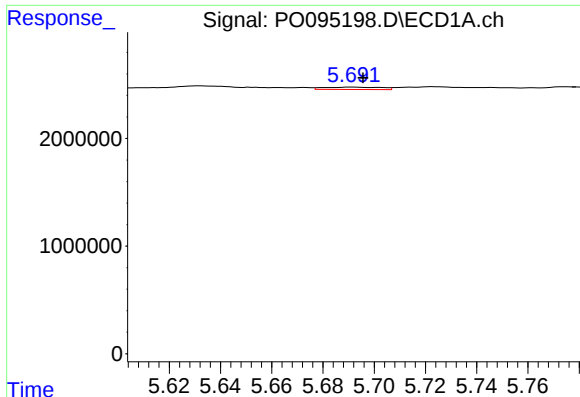
#20 AR-1242-5

R.T.: 6.627 min
Delta R.T.: -0.017 min
Response: 110672
Conc: 1.90 ng/ml



#20 AR-1242-5

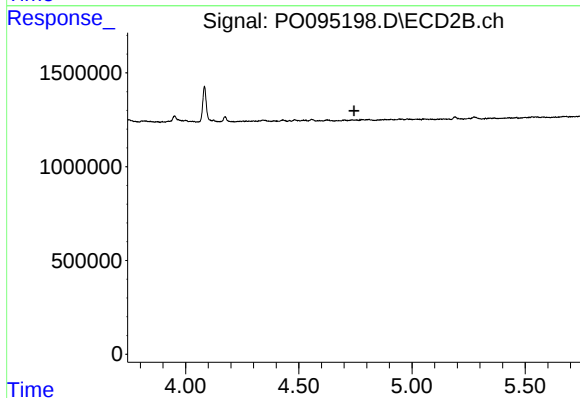
R.T.: 0.000 min
Exp R.T. : 5.551 min
Response: 0
Conc: N.D.



#21 AR-1248-1

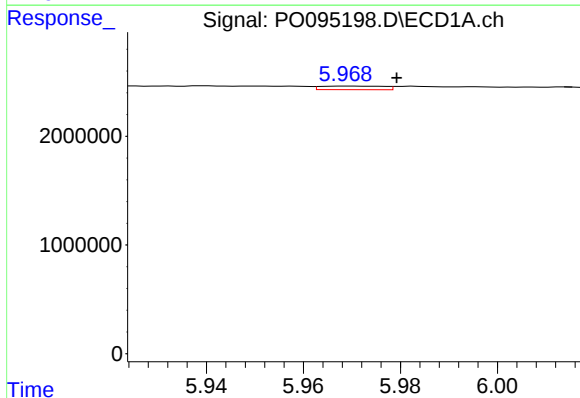
R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 348903
Conc: 4.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



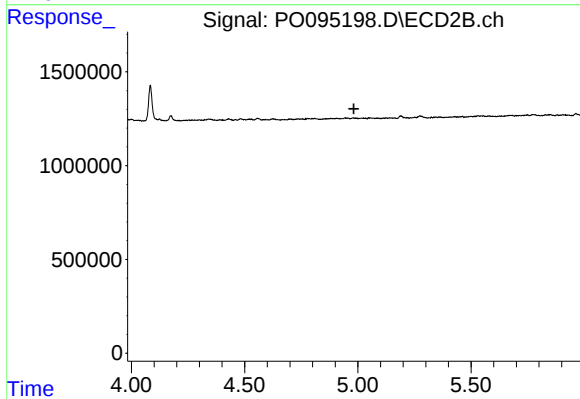
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.744 min
Response: 0
Conc: N.D.



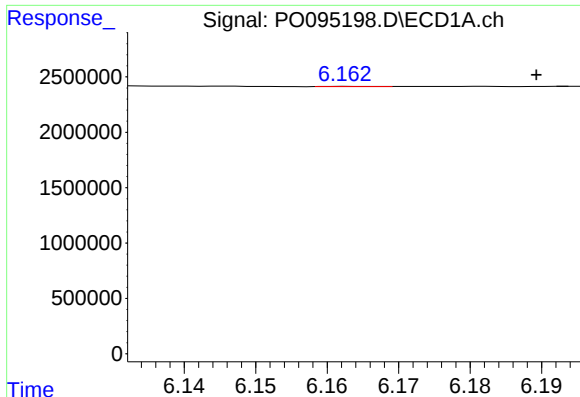
#22 AR-1248-2

R.T.: 5.969 min
Delta R.T.: -0.010 min
Response: 297706
Conc: 2.81 ng/ml



#22 AR-1248-2

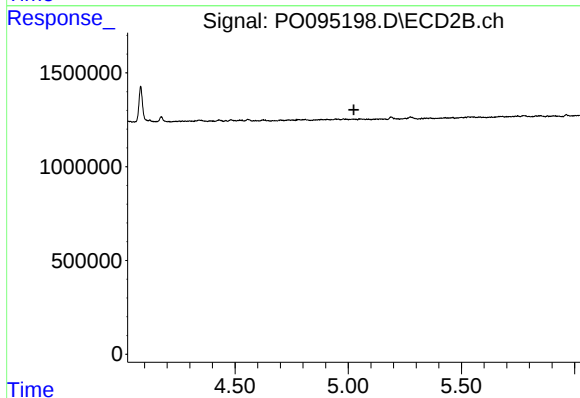
R.T.: 0.000 min
Exp R.T. : 4.983 min
Response: 0
Conc: N.D.



#23 AR-1248-3

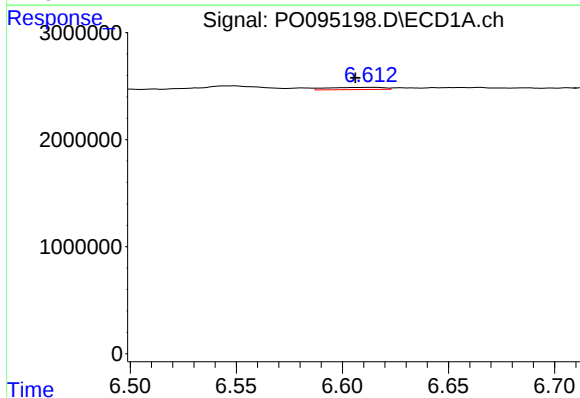
R.T.: 6.163 min
Delta R.T.: -0.026 min
Response: 13592
Conc: 0.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



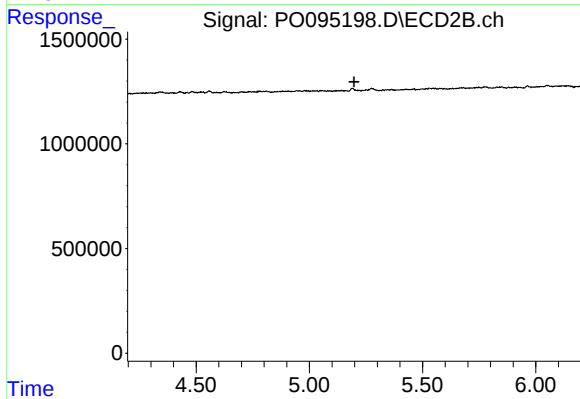
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.025 min
Response: 0
Conc: N.D.



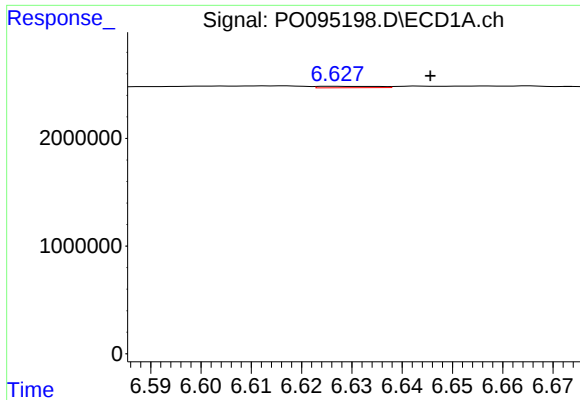
#24 AR-1248-4

R.T.: 6.616 min
Delta R.T.: 0.009 min
Response: 377936
Conc: 3.00 ng/ml



#24 AR-1248-4

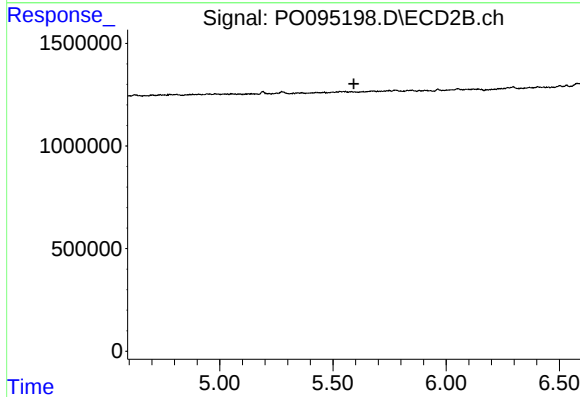
R.T.: 0.000 min
Exp R.T. : 5.197 min
Response: 0
Conc: N.D.



#25 AR-1248-5

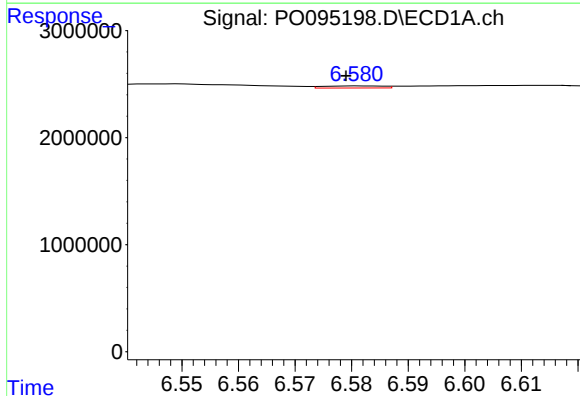
R.T.: 6.627 min
Delta R.T.: -0.019 min
Response: 110672
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



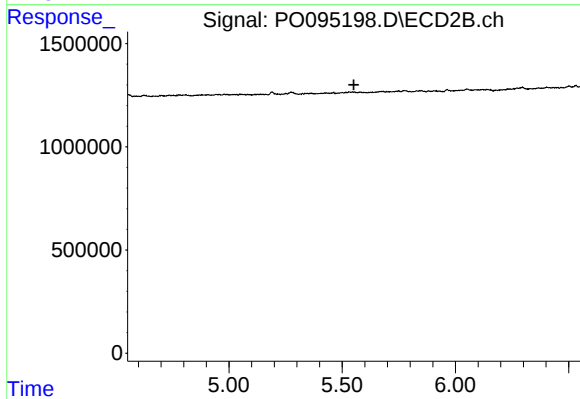
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.593 min
Response: 0
Conc: N.D.



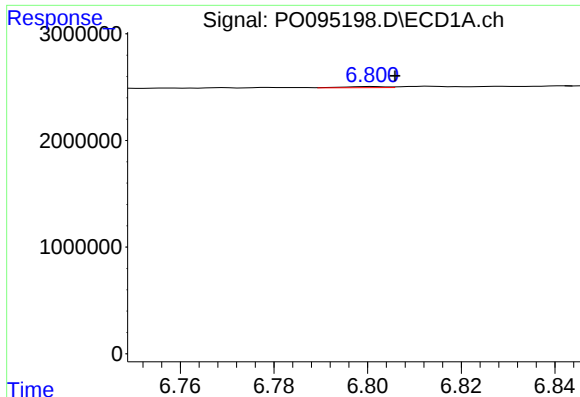
#26 AR-1254-1

R.T.: 6.581 min
Delta R.T.: 0.002 min
Response: 140289
Conc: 1.24 ng/ml



#26 AR-1254-1

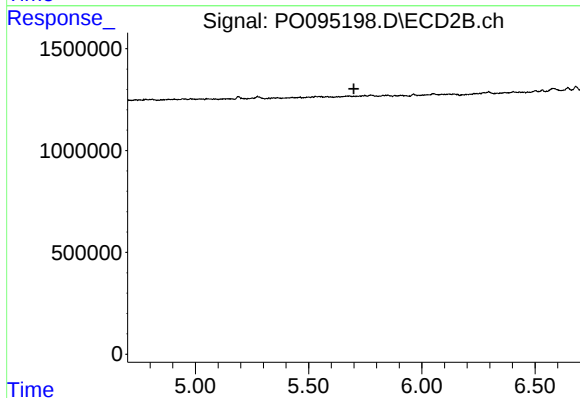
R.T.: 0.000 min
Exp R.T. : 5.552 min
Response: 0
Conc: N.D.



#27 AR-1254-2

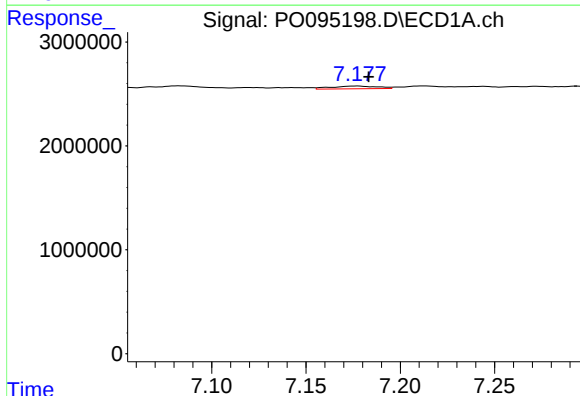
R.T.: 6.801 min
Delta R.T.: -0.005 min
Response: 67001
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



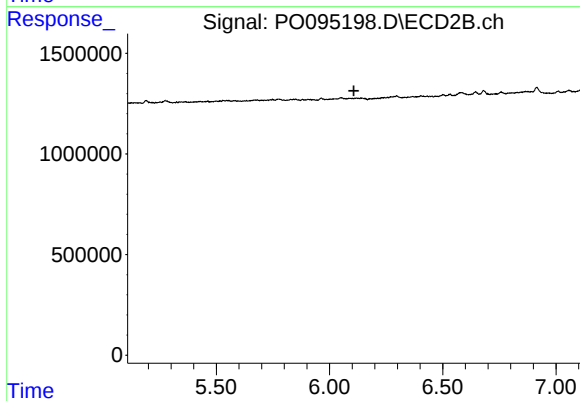
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.700 min
Response: 0
Conc: N.D.



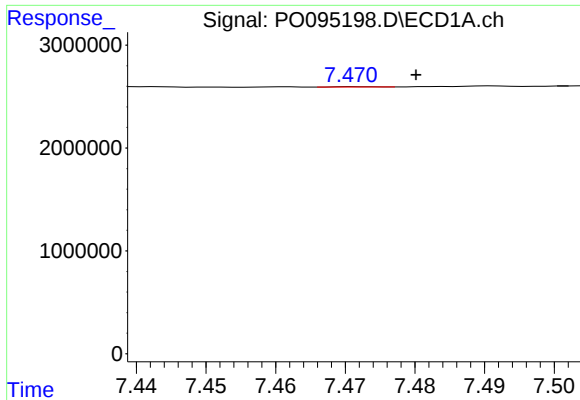
#28 AR-1254-3

R.T.: 7.178 min
Delta R.T.: -0.006 min
Response: 445543
Conc: 2.54 ng/ml



#28 AR-1254-3

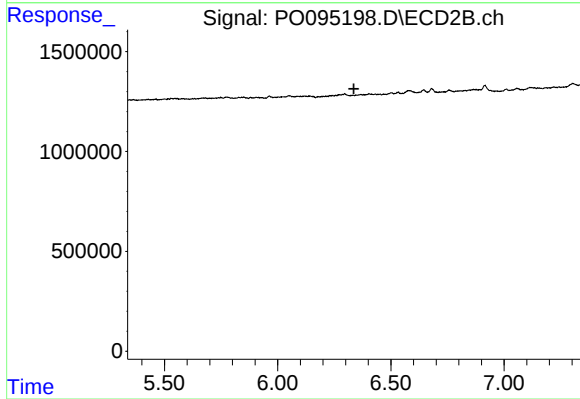
R.T.: 0.000 min
Exp R.T. : 6.107 min
Response: 0
Conc: N.D.



#29 AR-1254-4

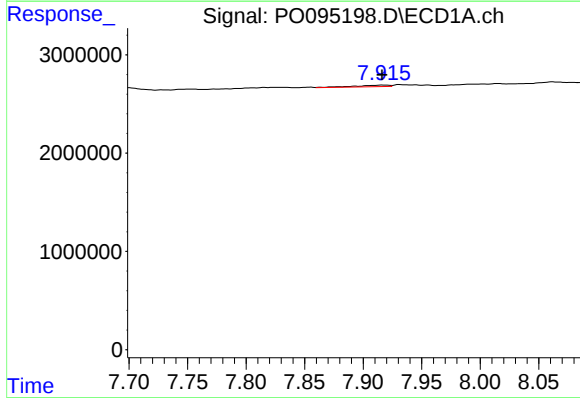
R.T.: 7.472 min
Delta R.T.: -0.008 min
Response: 11024
Conc: 0.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



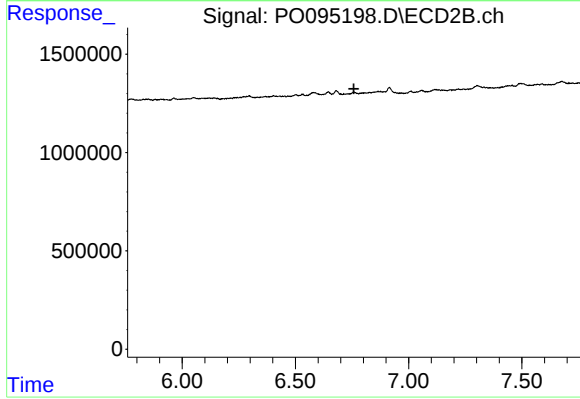
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.336 min
Response: 0
Conc: N.D.



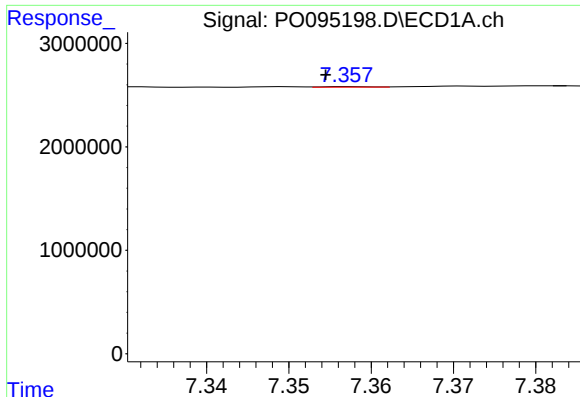
#30 AR-1254-5

R.T.: 7.917 min
Delta R.T.: 0.000 min
Response: 299969
Conc: 1.81 ng/ml



#30 AR-1254-5

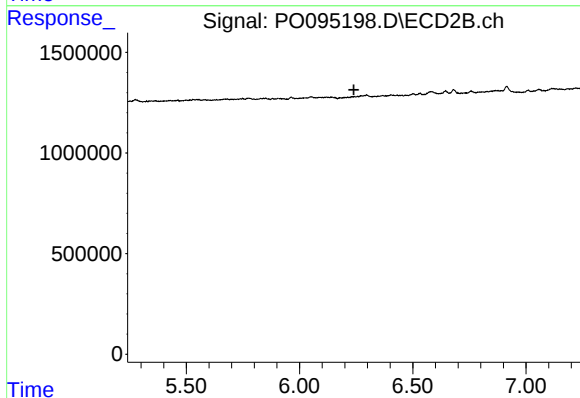
R.T.: 0.000 min
Exp R.T. : 6.758 min
Response: 0
Conc: N.D.



#31 AR-1260-1

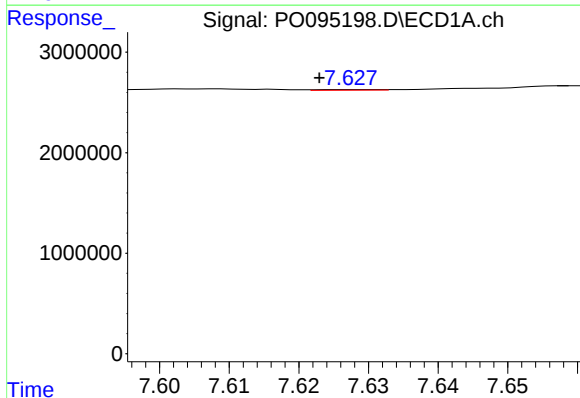
R.T.: 7.357 min
Delta R.T.: 0.003 min
Response: 25057
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



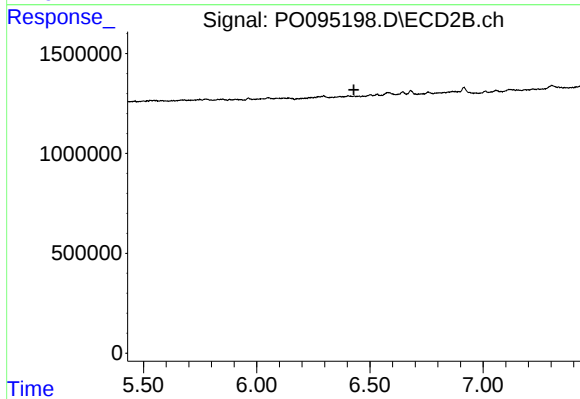
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.240 min
Response: 0
Conc: N.D.



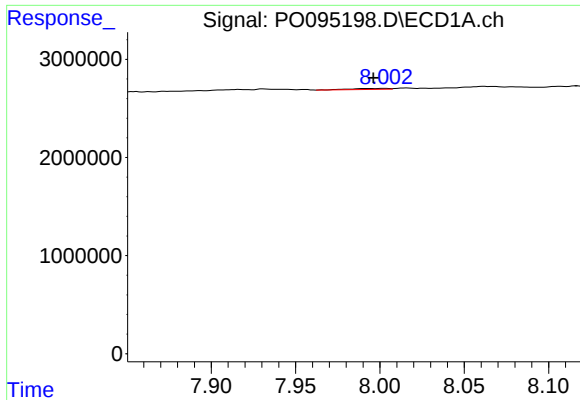
#32 AR-1260-2

R.T.: 7.629 min
Delta R.T.: 0.006 min
Response: 38901
Conc: 0.24 ng/ml



#32 AR-1260-2

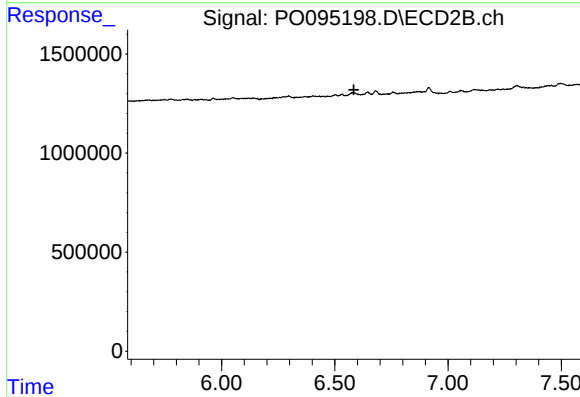
R.T.: 0.000 min
Exp R.T. : 6.429 min
Response: 0
Conc: N.D.



#33 AR-1260-3

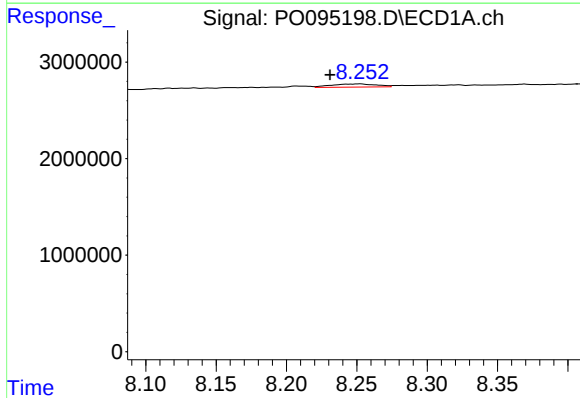
R.T.: 8.003 min
Delta R.T.: 0.006 min
Response: 139859
Conc: 1.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



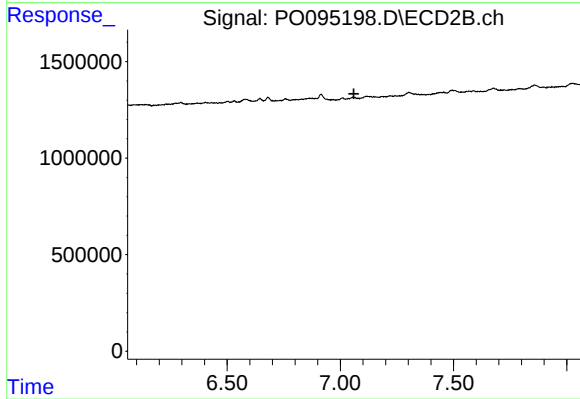
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.584 min
Response: 0
Conc: N.D.



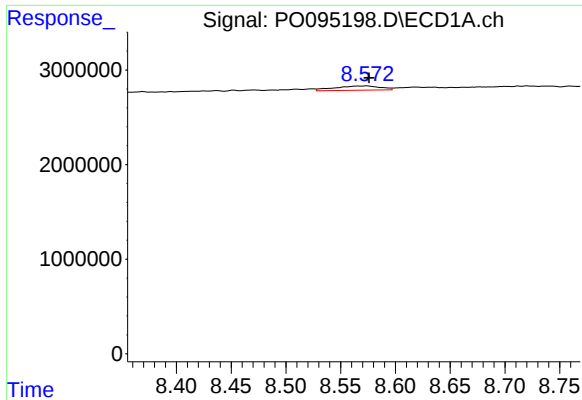
#34 AR-1260-4

R.T.: 8.252 min
Delta R.T.: 0.021 min
Response: 736510
Conc: 5.17 ng/ml



#34 AR-1260-4

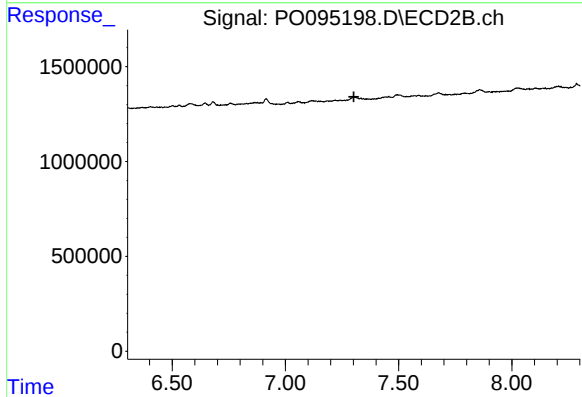
R.T.: 0.000 min
Exp R.T. : 7.060 min
Response: 0
Conc: N.D.



#35 AR-1260-5

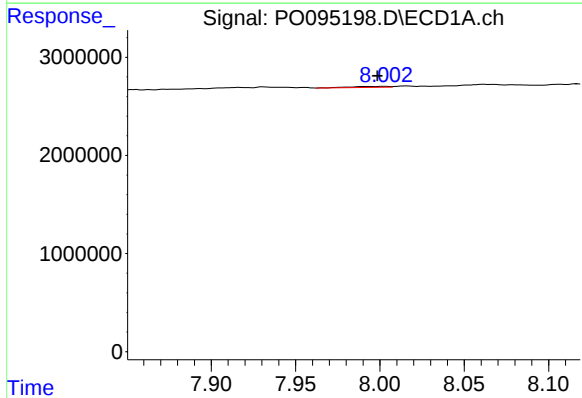
R.T.: 8.574 min
Delta R.T.: -0.002 min
Response: 1325419
Conc: 5.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



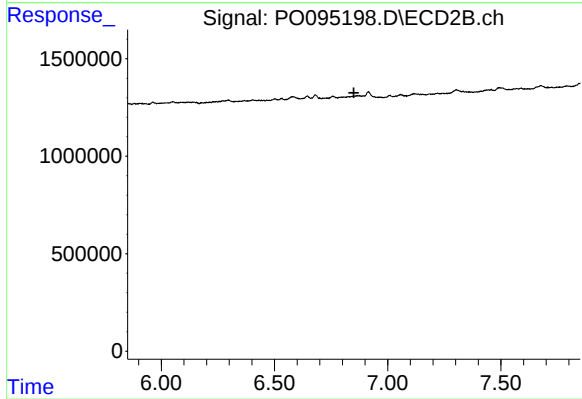
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.302 min
Response: 0
Conc: N.D.



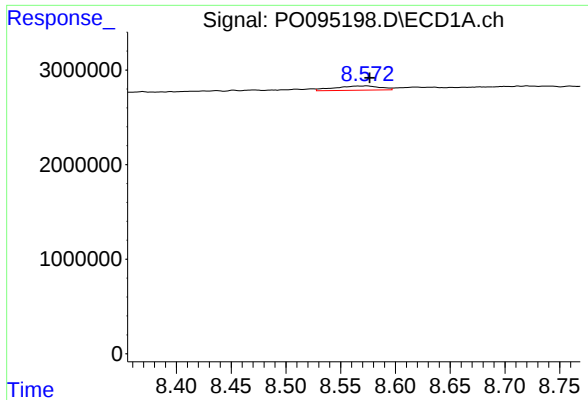
#36 AR-1262-1

R.T.: 8.003 min
Delta R.T.: 0.004 min
Response: 139859
Conc: 0.80 ng/ml



#36 AR-1262-1

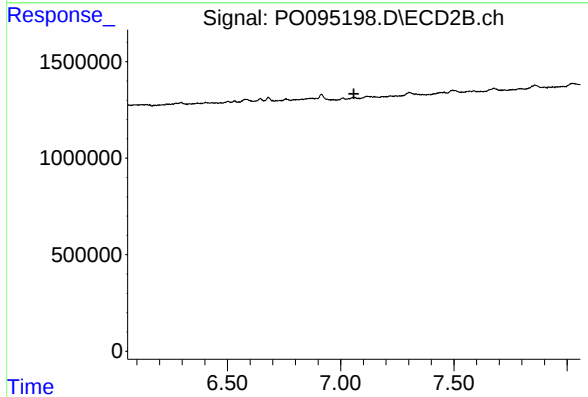
R.T.: 0.000 min
Exp R.T. : 6.850 min
Response: 0
Conc: N.D.



#37 AR-1262-2

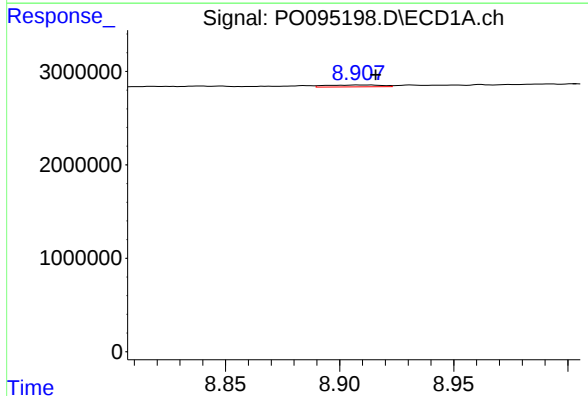
R.T.: 8.574 min
Delta R.T.: -0.003 min
Response: 1325419
Conc: 4.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



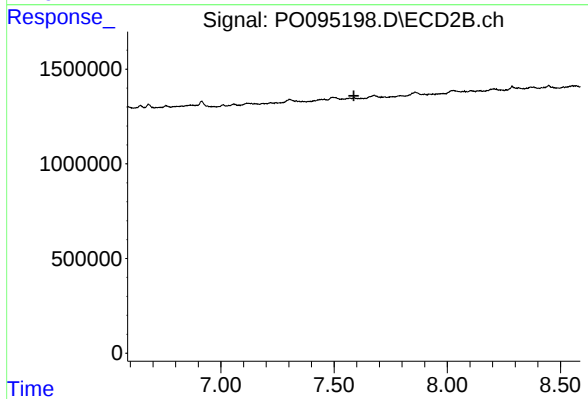
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.058 min
Response: 0
Conc: N.D.



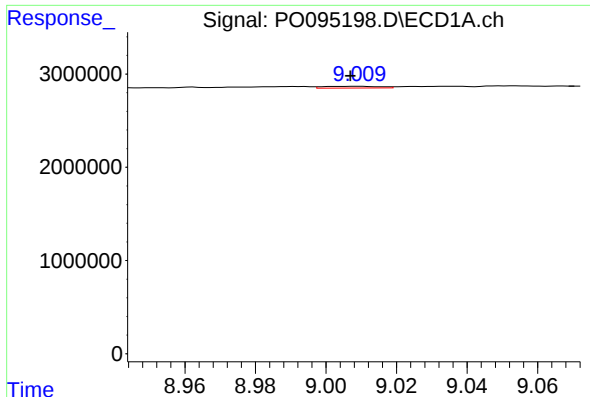
#38 AR-1262-3

R.T.: 8.914 min
Delta R.T.: -0.002 min
Response: 329183
Conc: 1.57 ng/ml



#38 AR-1262-3

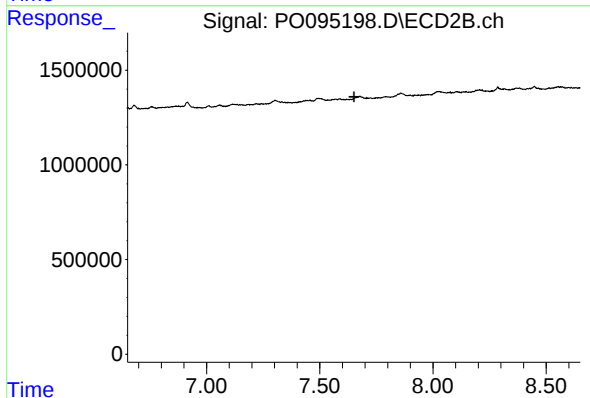
R.T.: 0.000 min
Exp R.T. : 7.588 min
Response: 0
Conc: N.D.



#39 AR-1262-4

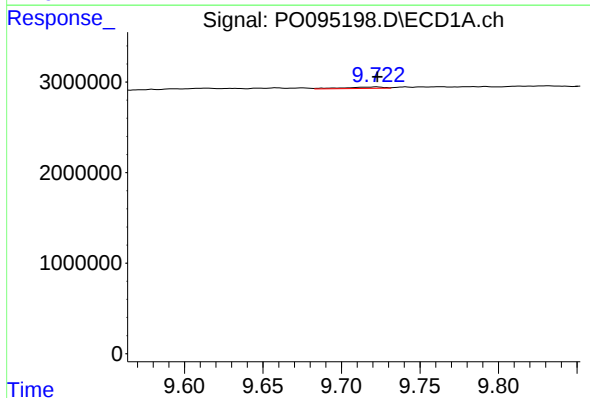
R.T.: 9.009 min
Delta R.T.: 0.002 min
Response: 213405
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



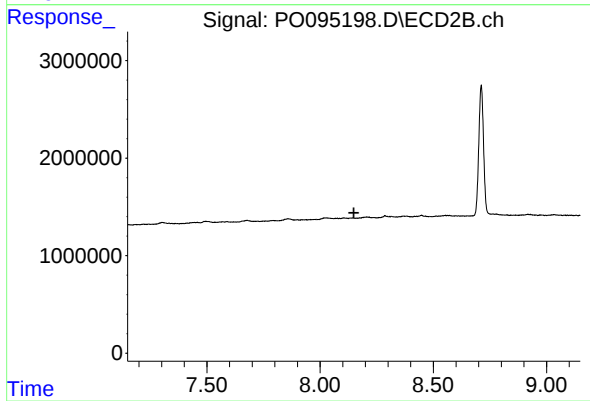
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.651 min
Response: 0
Conc: N.D.



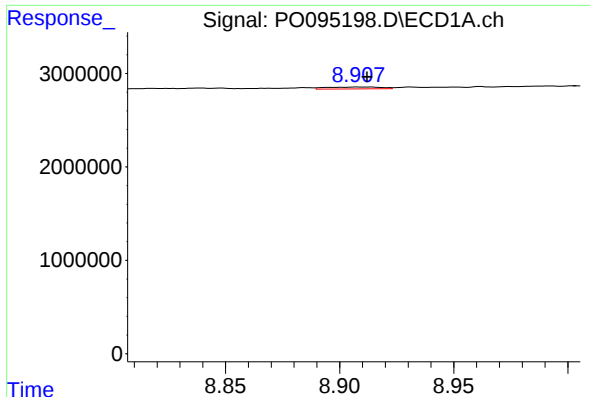
#40 AR-1262-5

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 265846
Conc: 2.48 ng/ml



#40 AR-1262-5

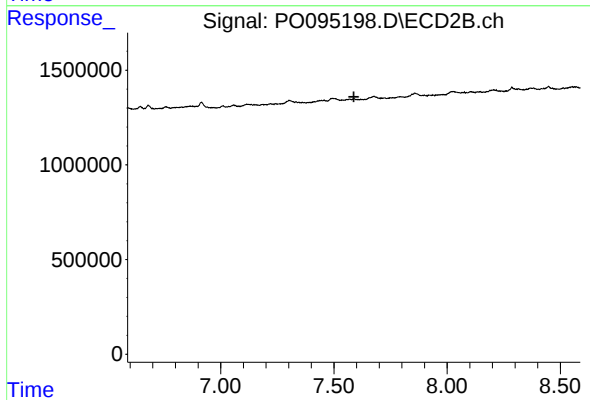
R.T.: 0.000 min
Exp R.T. : 8.149 min
Response: 0
Conc: N.D.



#41 AR-1268-1

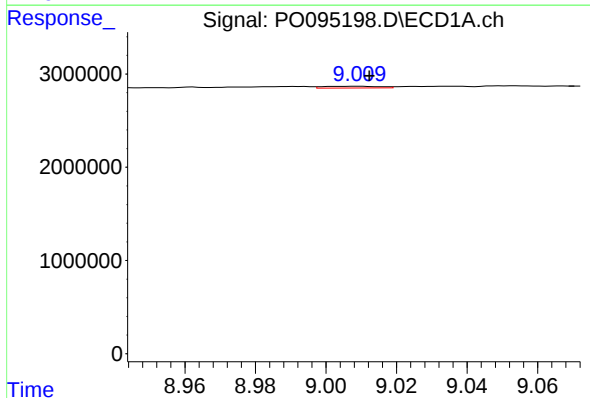
R.T.: 8.914 min
Delta R.T.: 0.002 min
Response: 329183
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



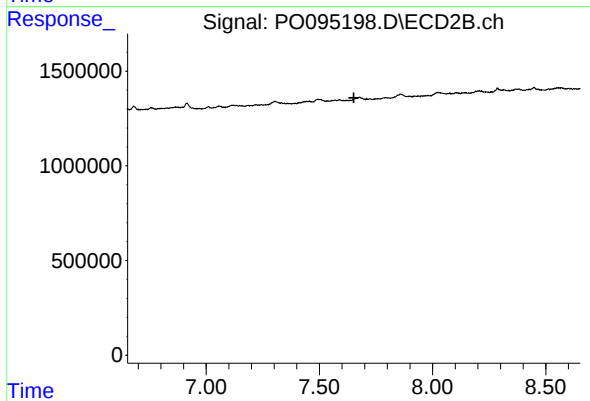
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.588 min
Response: 0
Conc: N.D.



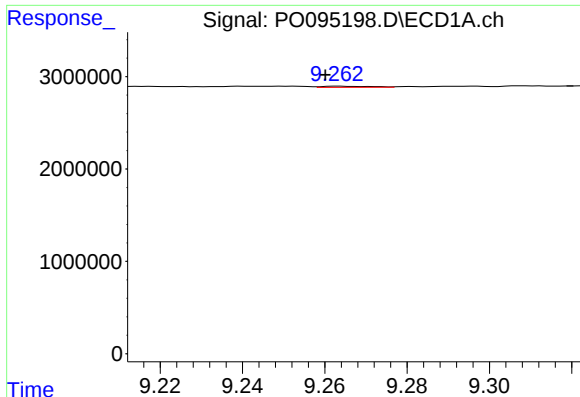
#42 AR-1268-2

R.T.: 9.009 min
Delta R.T.: -0.003 min
Response: 213405
Conc: 0.66 ng/ml



#42 AR-1268-2

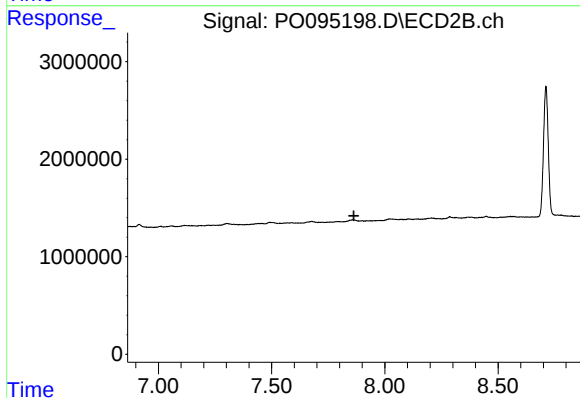
R.T.: 0.000 min
Exp R.T. : 7.653 min
Response: 0
Conc: N.D.



#43 AR-1268-3

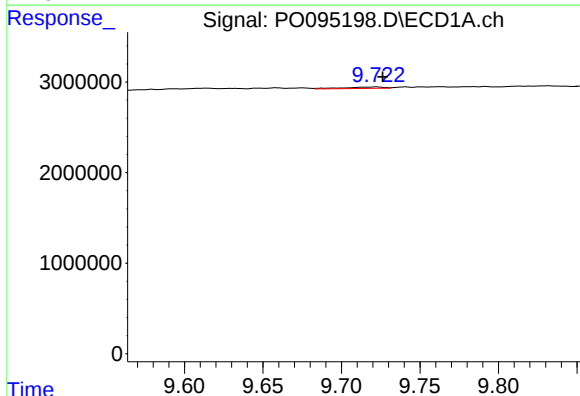
R.T.: 9.263 min
Delta R.T.: 0.003 min
Response: 108289
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



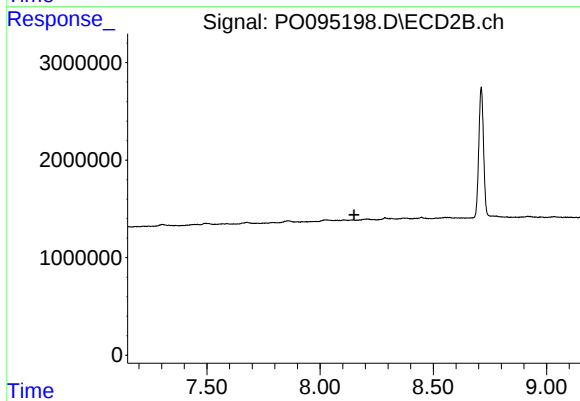
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.863 min
Response: 0
Conc: N.D.



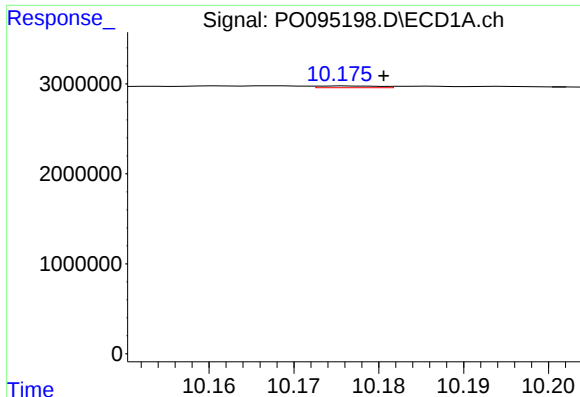
#44 AR-1268-4

R.T.: 9.723 min
Delta R.T.: -0.004 min
Response: 265846
Conc: 2.25 ng/ml



#44 AR-1268-4

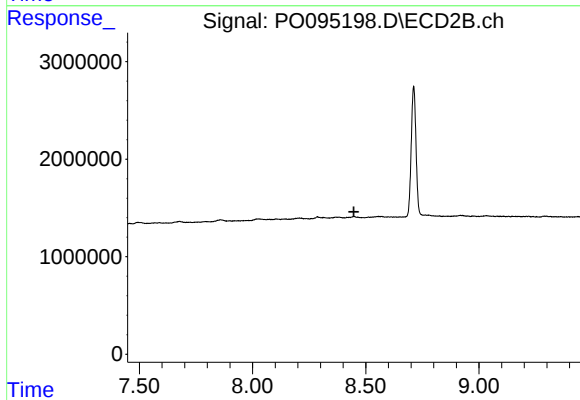
R.T.: 0.000 min
Exp R.T. : 8.150 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.176 min
Delta R.T.: -0.005 min
Response: 101760
Conc: 0.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.448 min
Response: 0
Conc: N.D.