

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0052323\
 Data File : P0095277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2023 21:34
 Operator : YP/AJ
 Sample : 02893-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 01:21:10 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...	4.495	3.649	64943528	30896848	22.288	27.210
2)	SA Decachlor...	10.558	8.706	61783590	23834363	26.625	24.576
Target Compounds							
3)	L1 AR-1016-1	5.632f	0.000	947175	0	9.084	N.D. #
4)	L1 AR-1016-2	5.782f	0.000	49381	0	0.327	N.D. #
5)	L1 AR-1016-3	5.782	0.000	49381	0	0.522	N.D. #
6)	L1 AR-1016-4	5.885	0.000	60388	0	0.802	N.D. #
7)	L1 AR-1016-5	6.201	0.000	1303637	0	17.513	N.D. #
8)	L2 AR-1221-1	4.704	0.000	459850	0	12.328	N.D. #
9)	L2 AR-1221-2	4.809	3.949	1154073	526774	39.414	45.021
10)	L2 AR-1221-3	4.867	0.000	50989	0	0.600	N.D. #
11)	L3 AR-1232-1	4.867	0.000	50989	0	0.805	N.D. #
12)	L3 AR-1232-2	5.390	0.000	722445	0	20.195	N.D. #
13)	L3 AR-1232-3	5.782f	0.000	49381	0	0.732	N.D. #
14)	L3 AR-1232-4	5.885	0.000	60388	0	1.779	N.D. #
15)	L3 AR-1232-5	6.021f	0.000	2665339	0	92.991	N.D. #
16)	L4 AR-1242-1	5.632f	0.000	947175	0	11.874	N.D. #
17)	L4 AR-1242-2	5.782f	0.000	49381	0	0.432	N.D. #
18)	L4 AR-1242-3	5.782	0.000	49381	0	0.675	N.D. #
19)	L4 AR-1242-4	5.885	0.000	60388	0	1.040	N.D. #
20)	L4 AR-1242-5	6.641	0.000	510577	0	8.743	N.D. #
21)	L5 AR-1248-1	5.632f	0.000	947175	0	13.242	N.D. #
22)	L5 AR-1248-2	6.021f	0.000	2665339	0	25.140	N.D. #
23)	L5 AR-1248-3	6.201	0.000	1303637	0	11.362	N.D. #
24)	L5 AR-1248-4	6.604	0.000	1508696	0	11.967	N.D. #
25)	L5 AR-1248-5	6.650	0.000	725163	0	5.947	N.D. #
26)	L6 AR-1254-1	6.583	0.000	321709	0	2.845	N.D. #
27)	L6 AR-1254-2	6.809	0.000	1533856	0	8.830	N.D. #
28)	L6 AR-1254-3	7.179	0.000	1183412	0	6.746	N.D. #
29)	L6 AR-1254-4	7.493	0.000	187883	0	1.460	N.D. #
30)	L6 AR-1254-5	7.911	0.000	102846	0	0.621	N.D. #
31)	L7 AR-1260-1	7.354	0.000	374697	0	2.731	N.D. #
32)	L7 AR-1260-2	7.619	0.000	102295	0	0.635	N.D. #
33)	L7 AR-1260-3	8.011	0.000	4399	0	0.043	N.D. #
34)	L7 AR-1260-4	8.213	0.000	130459	0	0.916	N.D. #
35)	L7 AR-1260-5	8.587	0.000	813794	0	3.427	N.D. #
36)	L8 AR-1262-1	8.011	0.000	4399	0	0.025	N.D. #
37)	L8 AR-1262-2	8.587	0.000	813794	0	2.686	N.D. #
38)	L8 AR-1262-3	8.911	0.000	71987	0	0.343	N.D. #
39)	L8 AR-1262-4	9.007	0.000	1456550	0	8.941	N.D. #
40)	L8 AR-1262-5	9.726	0.000	16749	0	0.156	N.D. #
41)	L9 AR-1268-1	8.911	0.000	71987	0	0.203	N.D. #

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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	
42)	L9 AR-1268-2	9.007	0.000	1456550	0	4.491	N.D.	#
43)	L9 AR-1268-3	9.255	0.000	46630	0	0.169	N.D.	#
44)	L9 AR-1268-4	9.726	0.000	16749	0	0.142	N.D.	#
45)	L9 AR-1268-5	10.175	0.000	233863	0	0.265	N.D.	#

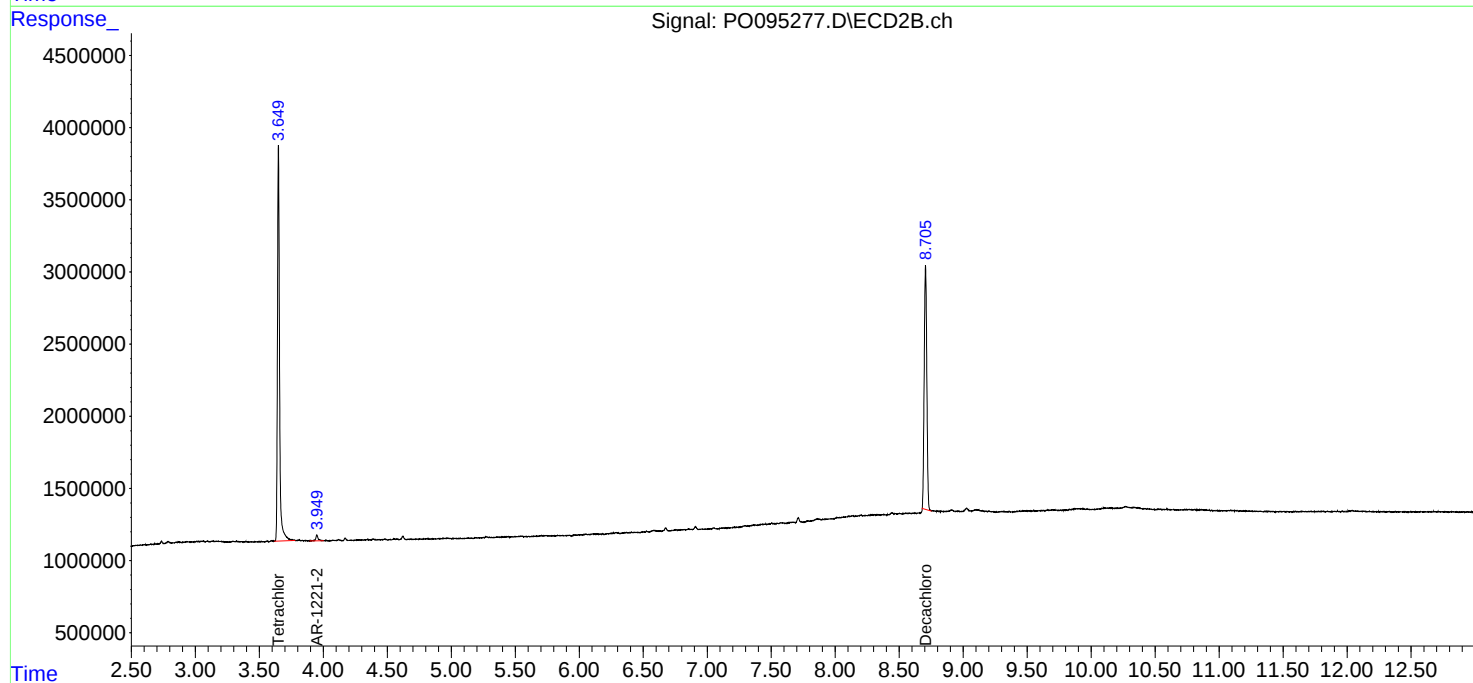
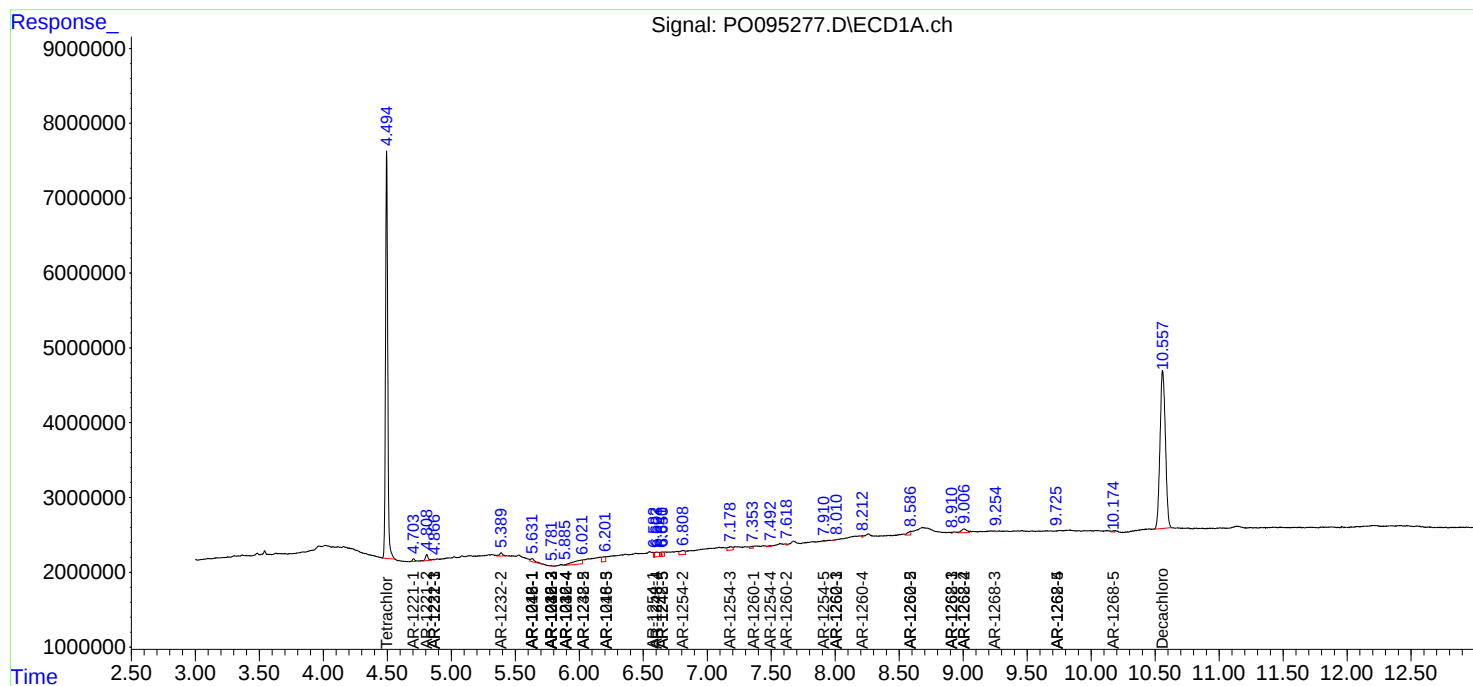
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

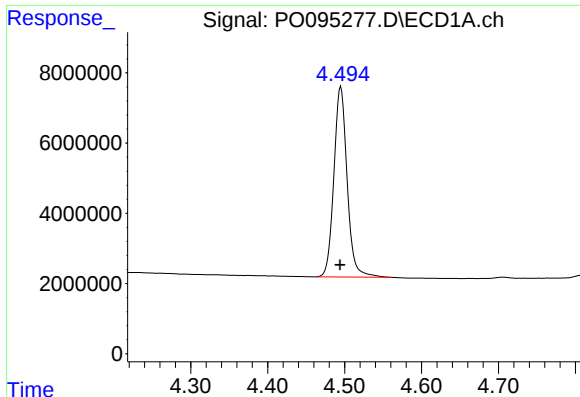
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Integration File signal 2: autoint2.e
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

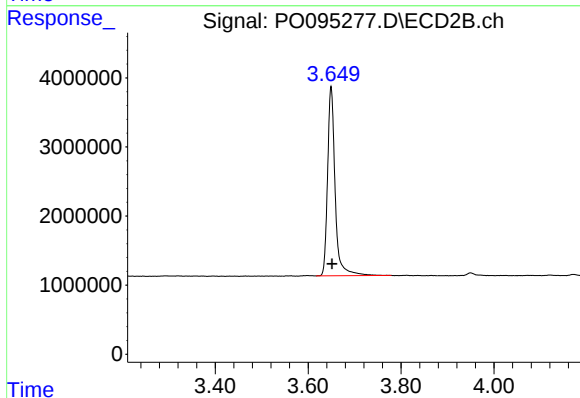




#1 Tetrachloro-m-xylene

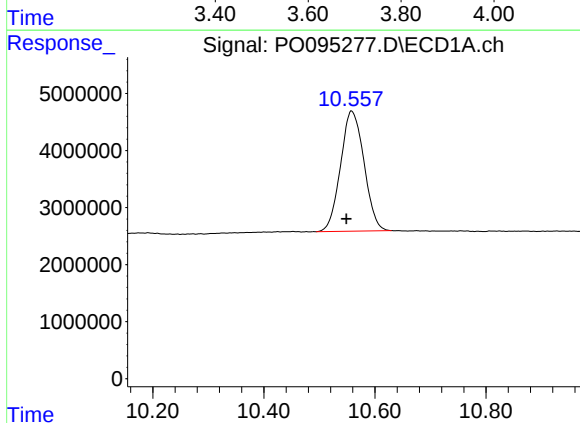
R.T.: 4.495 min
Delta R.T.: 0.001 min
Response: 64943528
Conc: 22.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



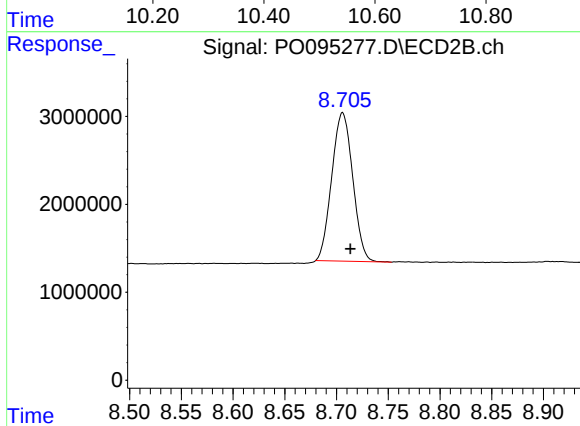
#1 Tetrachloro-m-xylene

R.T.: 3.649 min
Delta R.T.: -0.002 min
Response: 30896848
Conc: 27.21 ng/ml



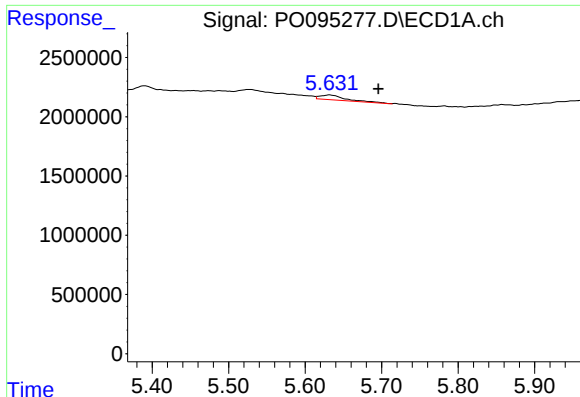
#2 Decachlorobiphenyl

R.T.: 10.558 min
Delta R.T.: 0.009 min
Response: 61783590
Conc: 26.63 ng/ml



#2 Decachlorobiphenyl

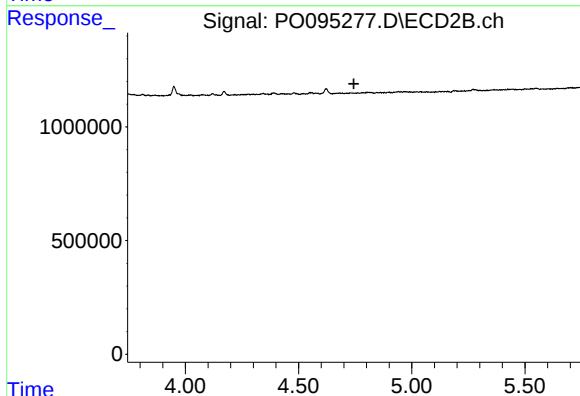
R.T.: 8.706 min
Delta R.T.: -0.008 min
Response: 23834363
Conc: 24.58 ng/ml



#3 AR-1016-1

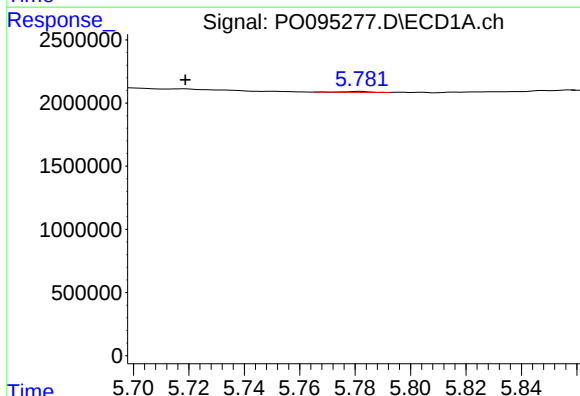
R.T.: 5.632 min
Delta R.T.: -0.064 min
Response: 947175
Conc: 9.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



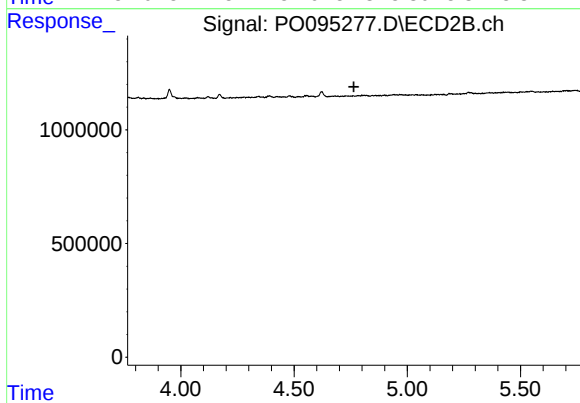
#3 AR-1016-1

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



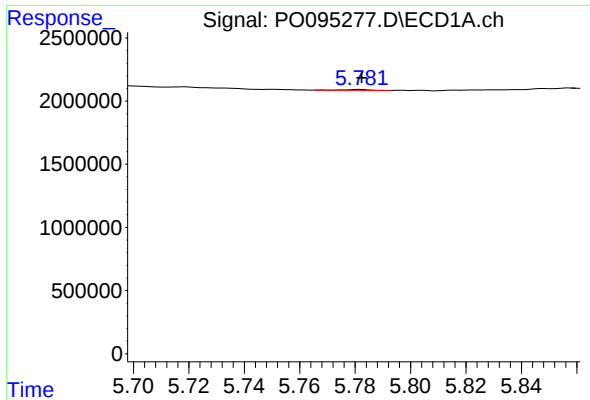
#4 AR-1016-2

R.T.: 5.782 min
Delta R.T.: 0.063 min
Response: 49381
Conc: 0.33 ng/ml



#4 AR-1016-2

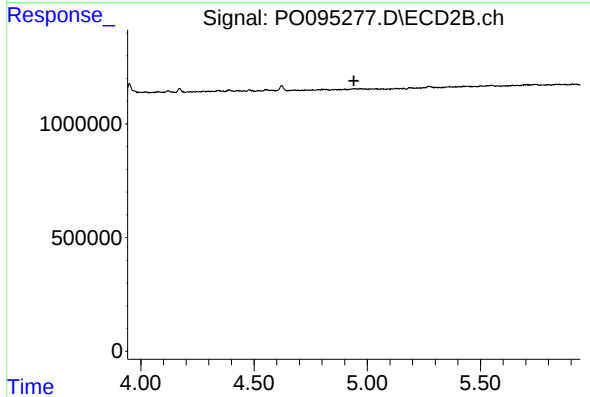
R.T.: 0.000 min
Exp R.T. : 4.764 min
Response: 0
Conc: N.D.



#5 AR-1016-3

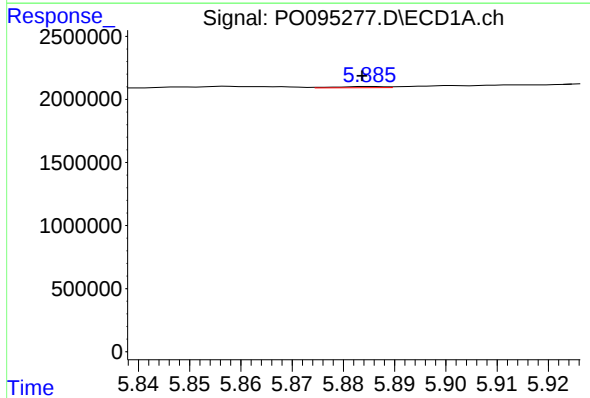
R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 49381
Conc: 0.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



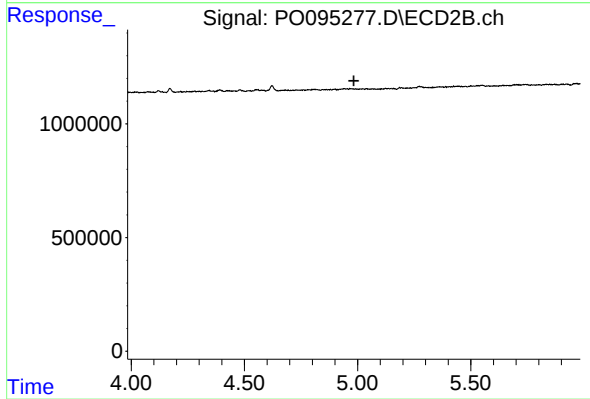
#5 AR-1016-3

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



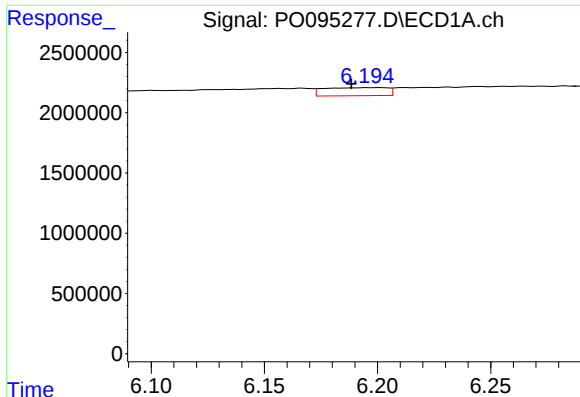
#6 AR-1016-4

R.T.: 5.885 min
Delta R.T.: 0.002 min
Response: 60388
Conc: 0.80 ng/ml



#6 AR-1016-4

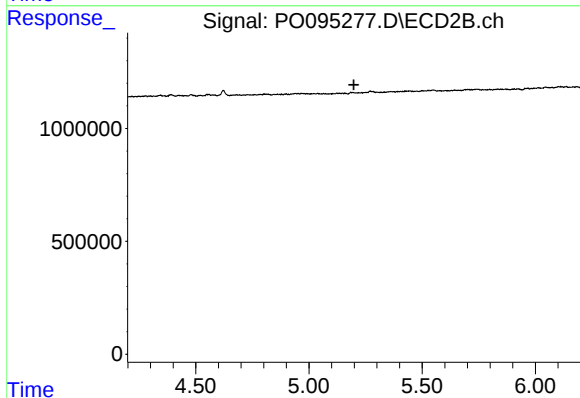
R.T.: 0.000 min
Exp R.T. : 4.984 min
Response: 0
Conc: N.D.



#7 AR-1016-5

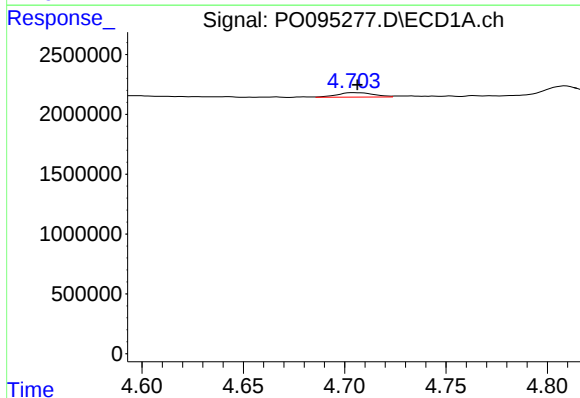
R.T.: 6.201 min
Delta R.T.: 0.013 min
Response: 1303637
Conc: 17.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



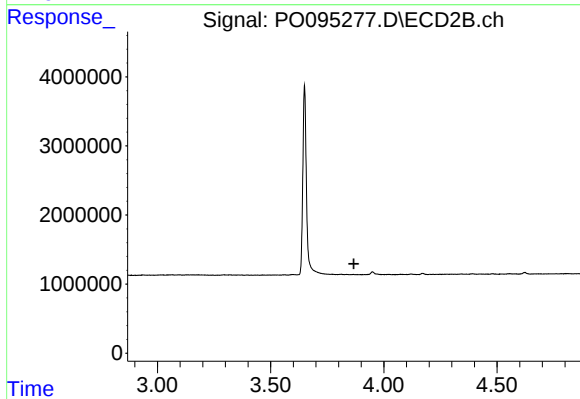
#7 AR-1016-5

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



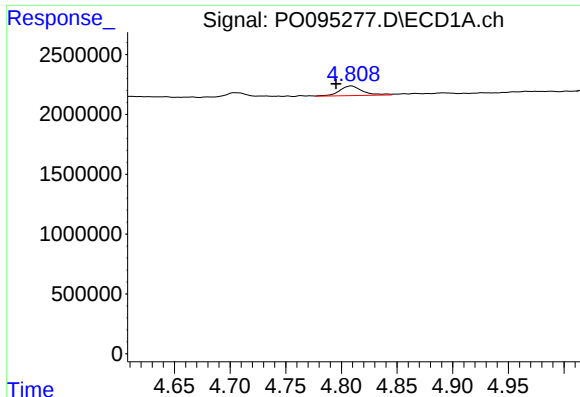
#8 AR-1221-1

R.T.: 4.704 min
Delta R.T.: -0.002 min
Response: 459850
Conc: 12.33 ng/ml



#8 AR-1221-1

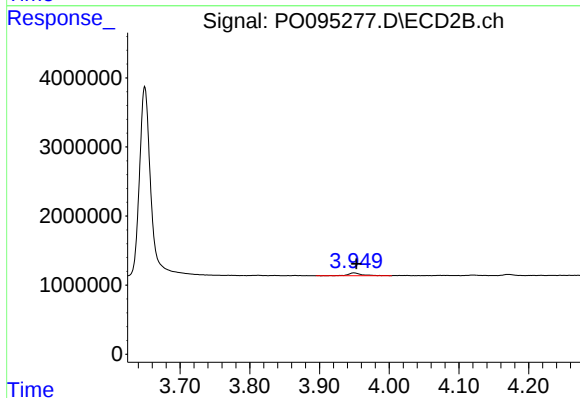
R.T.: 0.000 min
Exp R.T. : 3.868 min
Response: 0
Conc: N.D.



#9 AR-1221-2

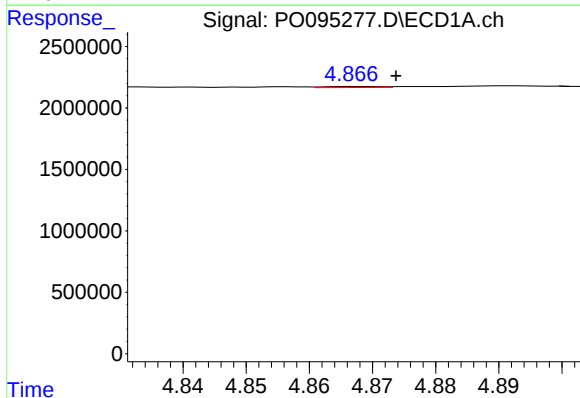
R.T.: 4.809 min
Delta R.T.: 0.014 min
Response: 1154073
Conc: 39.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



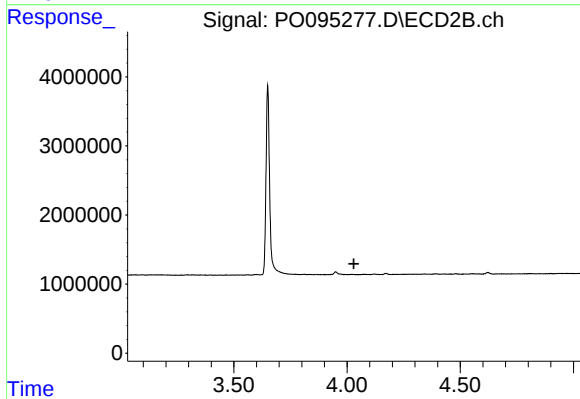
#9 AR-1221-2

R.T.: 3.949 min
Delta R.T.: -0.004 min
Response: 526774
Conc: 45.02 ng/ml



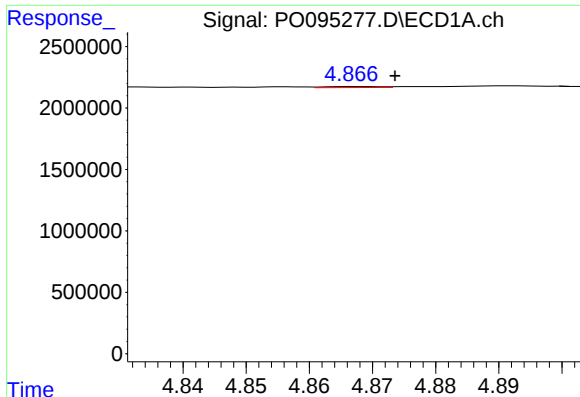
#10 AR-1221-3

R.T.: 4.867 min
Delta R.T.: -0.007 min
Response: 50989
Conc: 0.60 ng/ml



#10 AR-1221-3

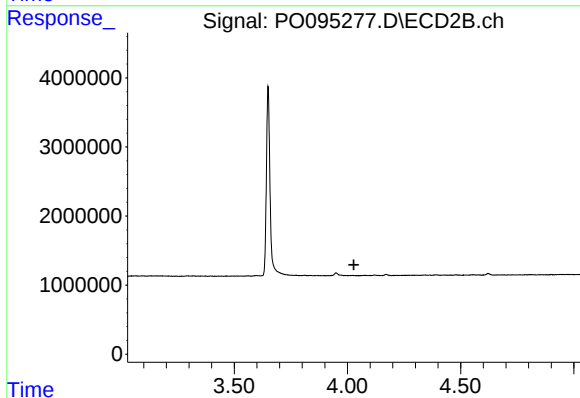
R.T.: 0.000 min
Exp R.T. : 4.030 min
Response: 0
Conc: N.D.



#11 AR-1232-1

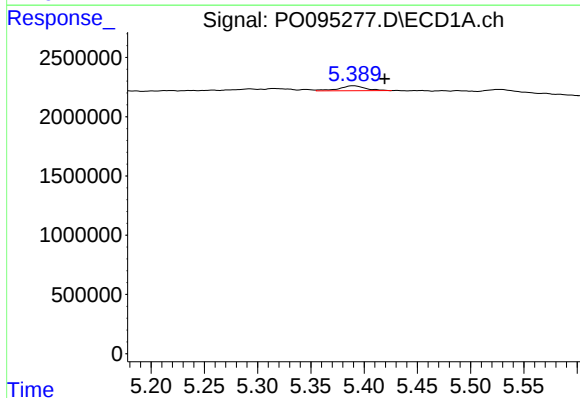
R.T.: 4.867 min
Delta R.T.: -0.006 min
Response: 50989
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



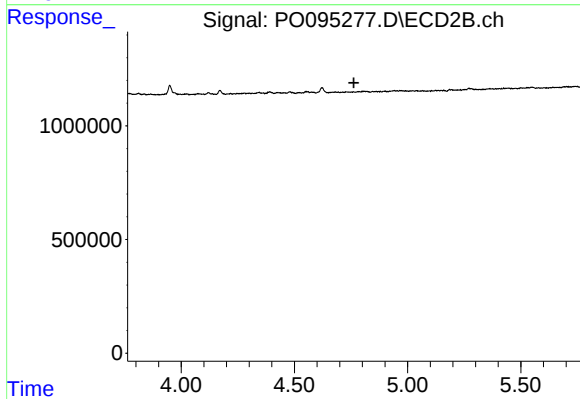
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.028 min
Response: 0
Conc: N.D.



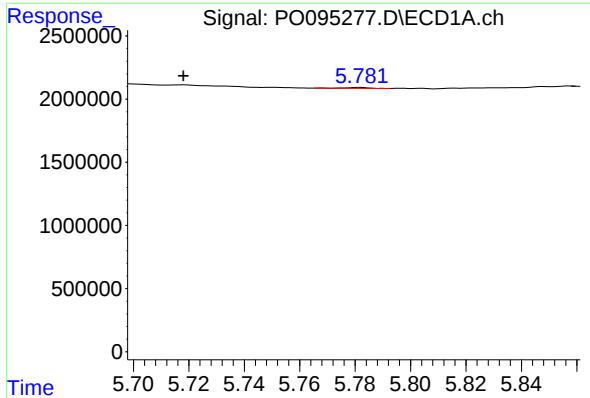
#12 AR-1232-2

R.T.: 5.390 min
Delta R.T.: -0.029 min
Response: 722445
Conc: 20.19 ng/ml



#12 AR-1232-2

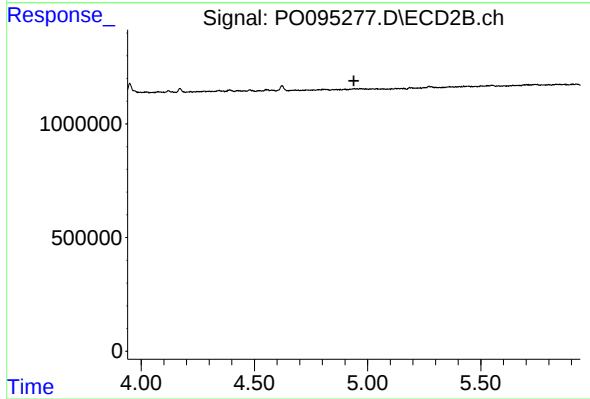
R.T.: 0.000 min
Exp R.T. : 4.763 min
Response: 0
Conc: N.D.



#13 AR-1232-3

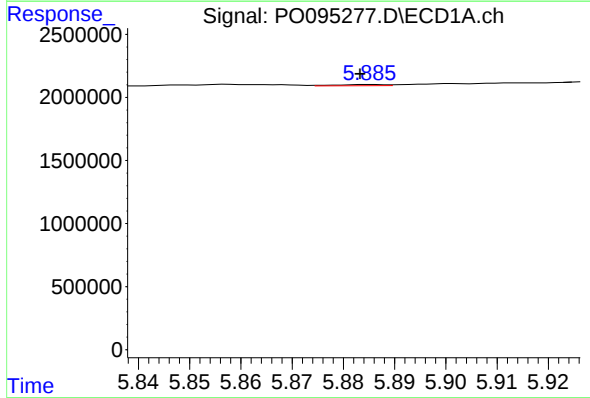
R.T.: 5.782 min
Delta R.T.: 0.064 min
Response: 49381
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



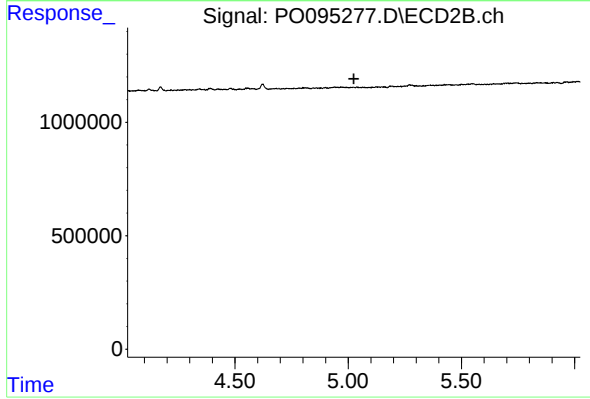
#13 AR-1232-3

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



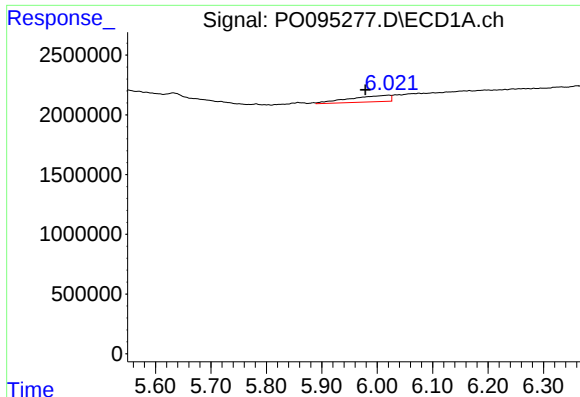
#14 AR-1232-4

R.T.: 5.885 min
Delta R.T.: 0.002 min
Response: 60388
Conc: 1.78 ng/ml



#14 AR-1232-4

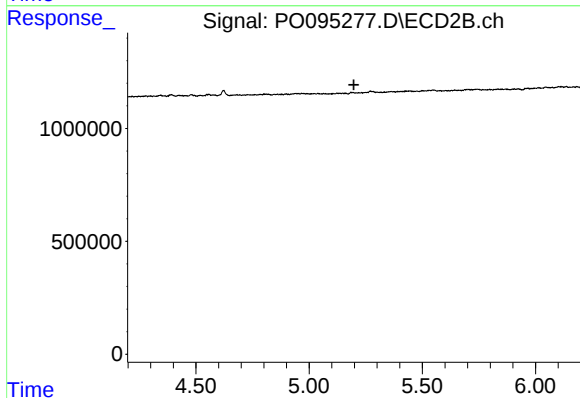
R.T.: 0.000 min
Exp R.T. : 5.025 min
Response: 0
Conc: N.D.



#15 AR-1232-5

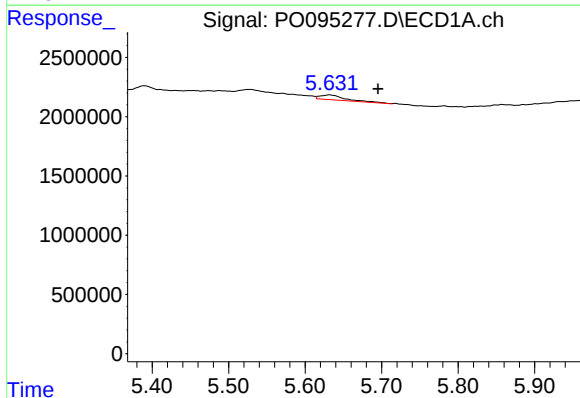
R.T.: 6.021 min
Delta R.T.: 0.043 min
Response: 2665339
Conc: 92.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



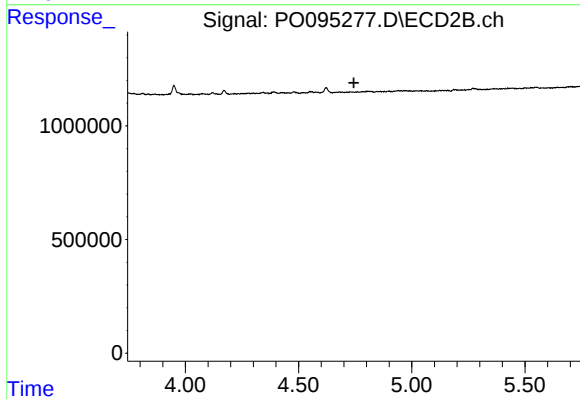
#15 AR-1232-5

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



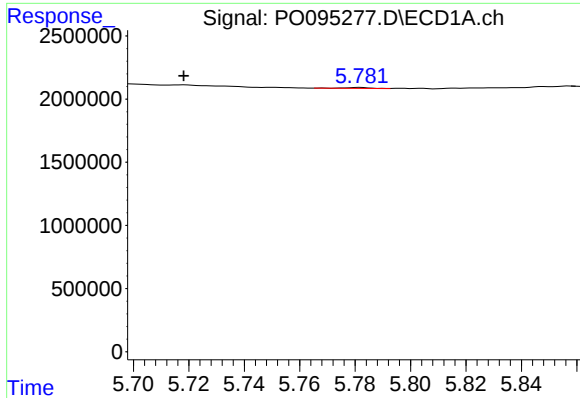
#16 AR-1242-1

R.T.: 5.632 min
Delta R.T.: -0.064 min
Response: 947175
Conc: 11.87 ng/ml



#16 AR-1242-1

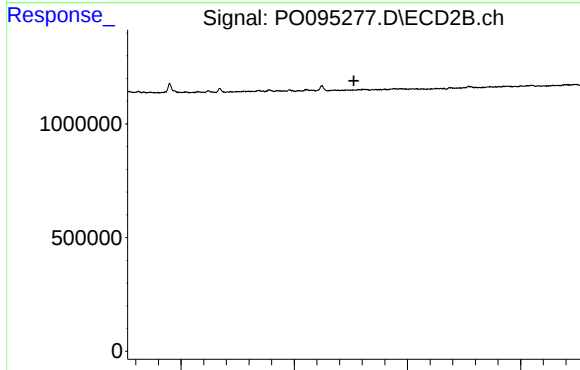
R.T.: 0.000 min
Exp R.T. : 4.744 min
Response: 0
Conc: N.D.



#17 AR-1242-2

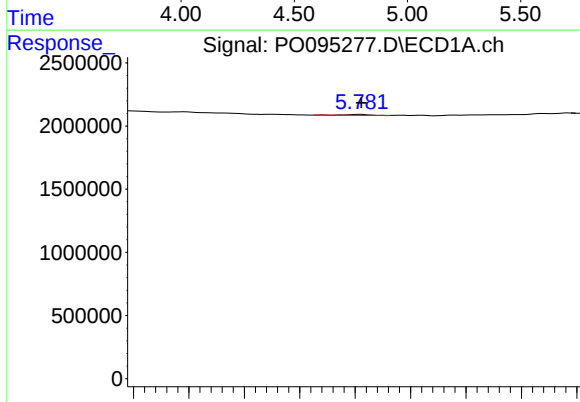
R.T.: 5.782 min
Delta R.T.: 0.064 min
Response: 49381
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



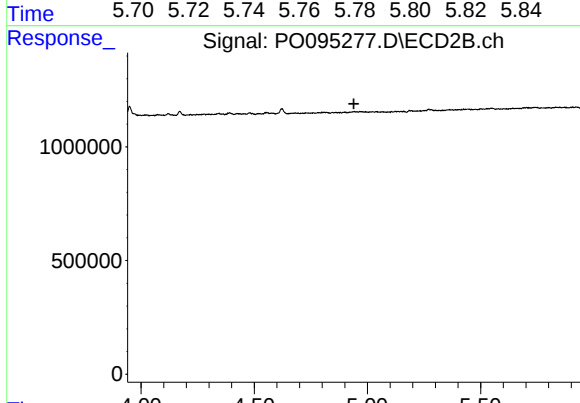
#17 AR-1242-2

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



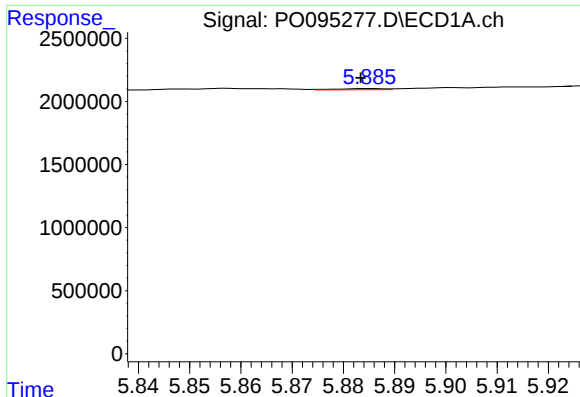
#18 AR-1242-3

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 49381
Conc: 0.67 ng/ml



#18 AR-1242-3

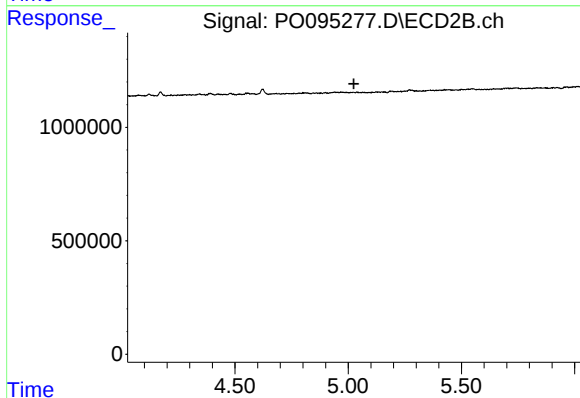
R.T.: 0.000 min
Exp R.T. : 4.940 min
Response: 0
Conc: N.D.



#19 AR-1242-4

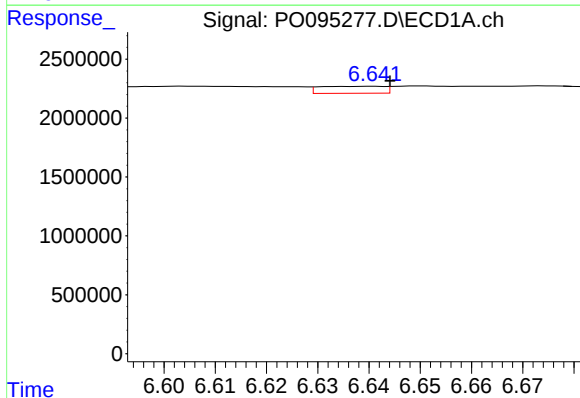
R.T.: 5.885 min
Delta R.T.: 0.002 min
Response: 60388
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



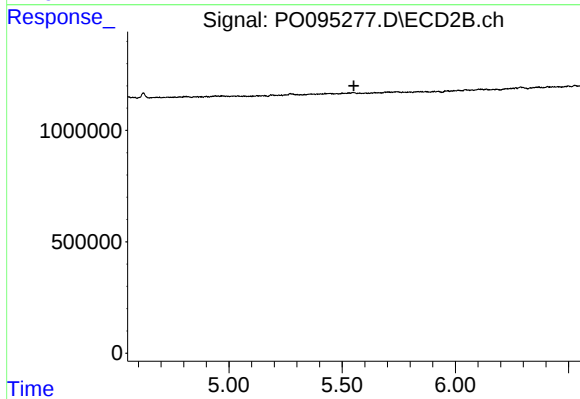
#19 AR-1242-4

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



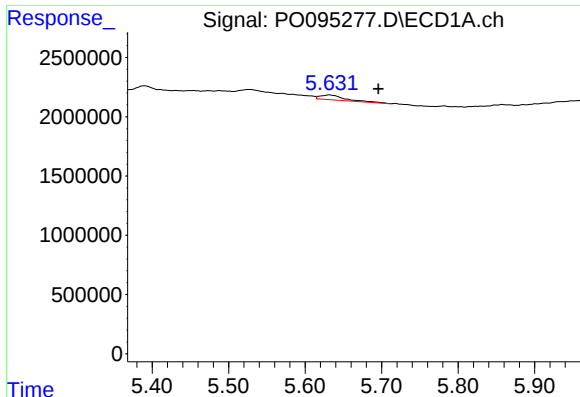
#20 AR-1242-5

R.T.: 6.641 min
Delta R.T.: -0.003 min
Response: 510577
Conc: 8.74 ng/ml



#20 AR-1242-5

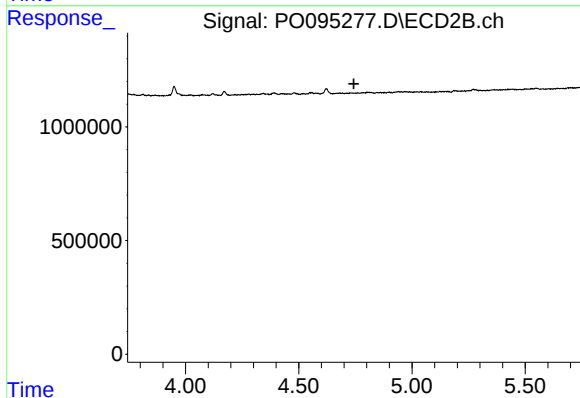
R.T.: 0.000 min
Exp R.T. : 5.551 min
Response: 0
Conc: N.D.



#21 AR-1248-1

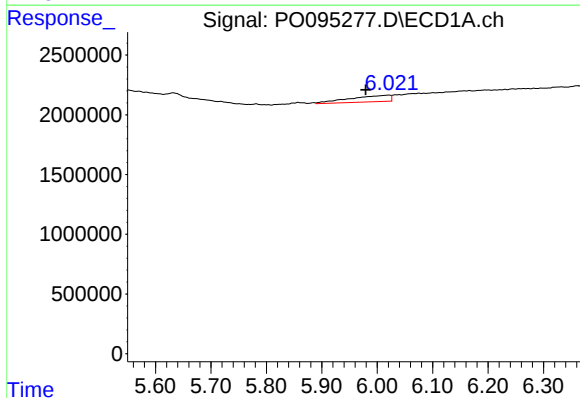
R.T.: 5.632 min
Delta R.T.: -0.064 min
Response: 947175
Conc: 13.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



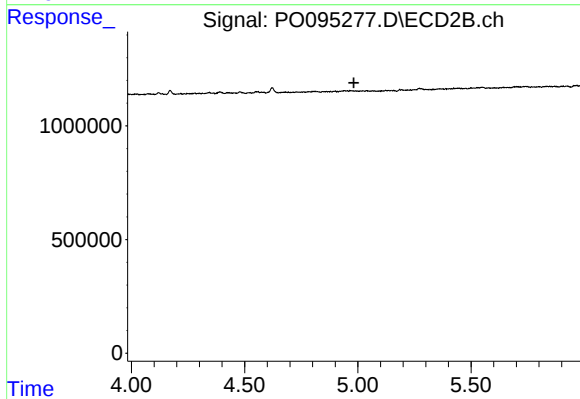
#21 AR-1248-1

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



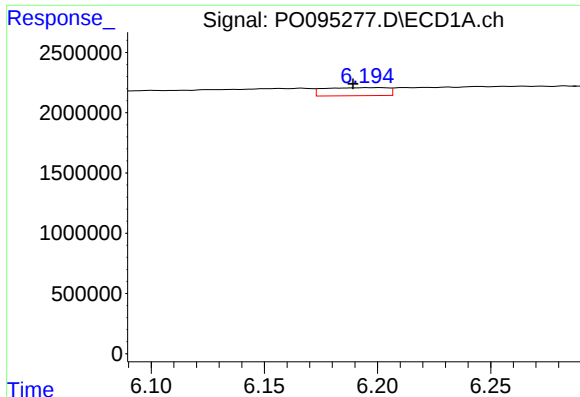
#22 AR-1248-2

R.T.: 6.021 min
Delta R.T.: 0.042 min
Response: 2665339
Conc: 25.14 ng/ml



#22 AR-1248-2

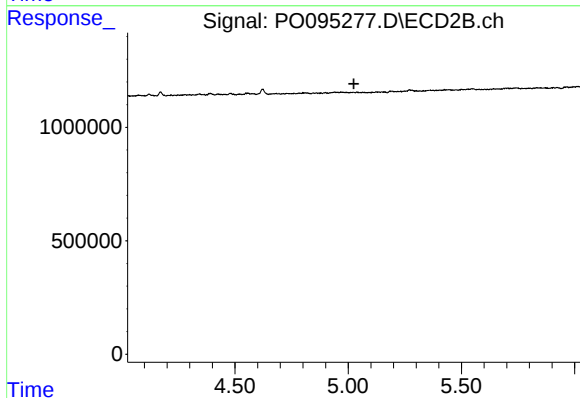
R.T.: 0.000 min
Exp R.T. : 4.983 min
Response: 0
Conc: N.D.



#23 AR-1248-3

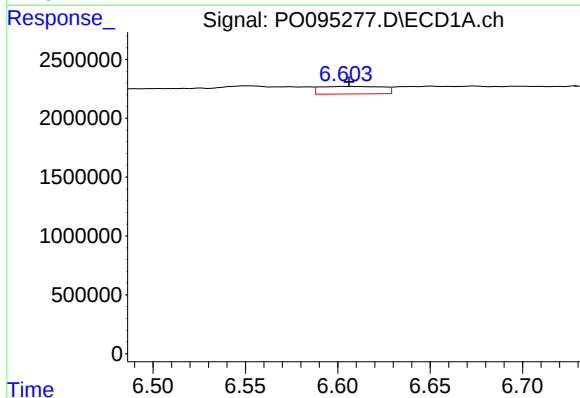
R.T.: 6.201 min
Delta R.T.: 0.012 min
Response: 1303637
Conc: 11.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



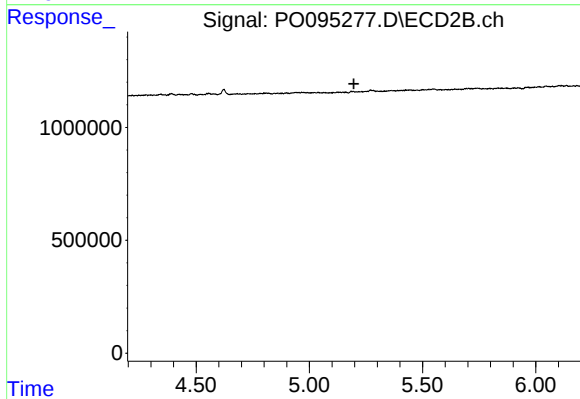
#23 AR-1248-3

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



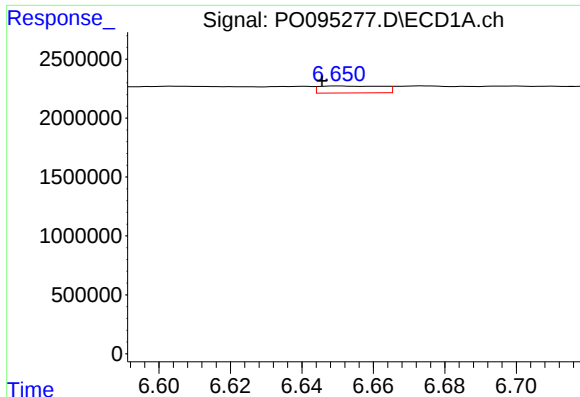
#24 AR-1248-4

R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 1508696
Conc: 11.97 ng/ml



#24 AR-1248-4

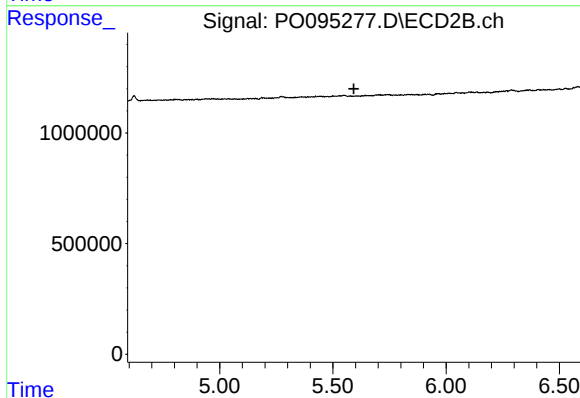
R.T.: 0.000 min
Exp R.T. : 5.197 min
Response: 0
Conc: N.D.



#25 AR-1248-5

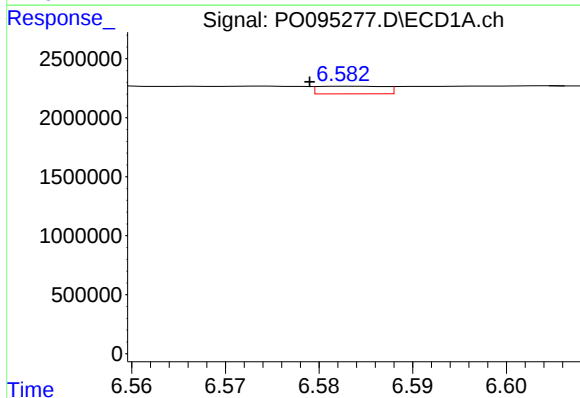
R.T.: 6.650 min
Delta R.T.: 0.005 min
Response: 725163
Conc: 5.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



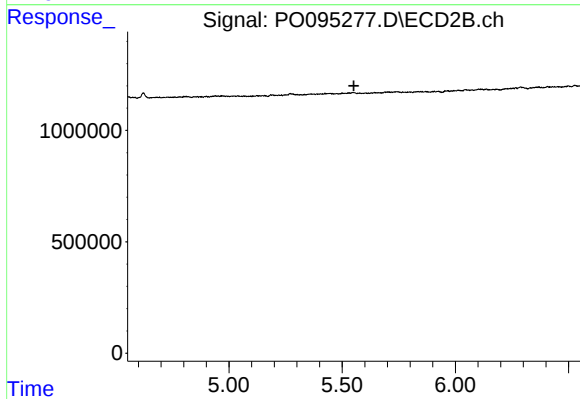
#25 AR-1248-5

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



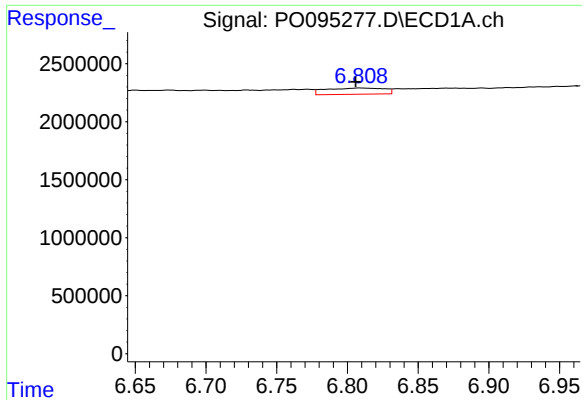
#26 AR-1254-1

R.T.: 6.583 min
Delta R.T.: 0.004 min
Response: 321709
Conc: 2.84 ng/ml



#26 AR-1254-1

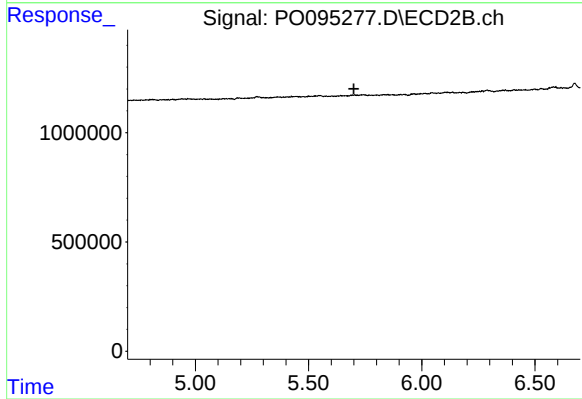
R.T.: 0.000 min
Exp R.T. : 5.552 min
Response: 0
Conc: N.D.



#27 AR-1254-2

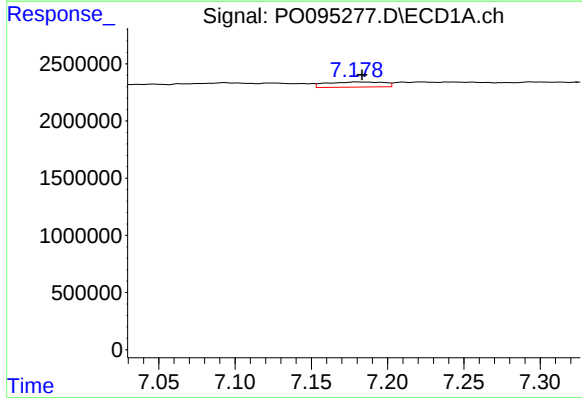
R.T.: 6.809 min
Delta R.T.: 0.003 min
Response: 1533856
Conc: 8.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



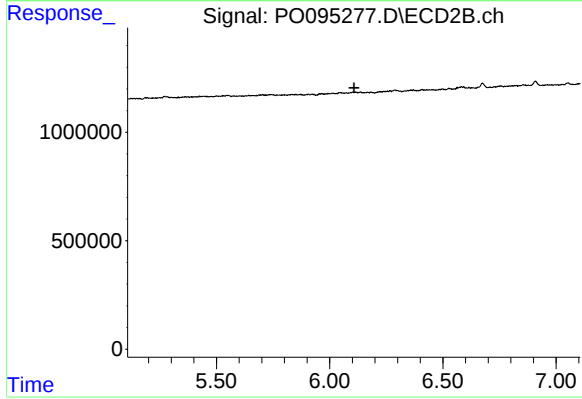
#27 AR-1254-2

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



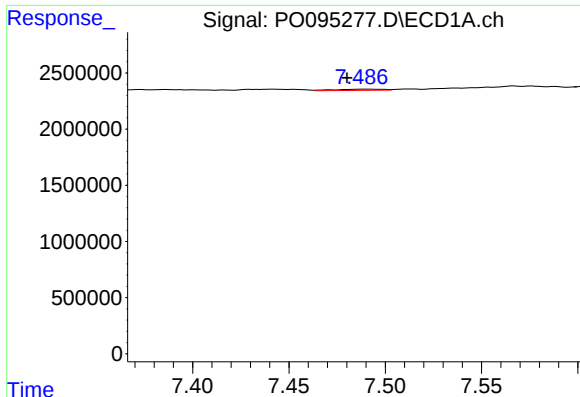
#28 AR-1254-3

R.T.: 7.179 min
Delta R.T.: -0.004 min
Response: 1183412
Conc: 6.75 ng/ml



#28 AR-1254-3

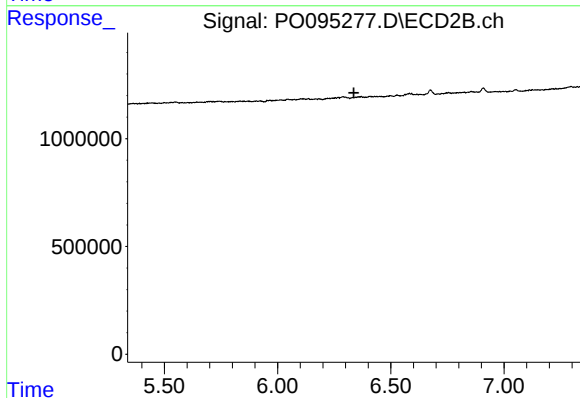
R.T.: 0.000 min
Exp R.T. : 6.107 min
Response: 0
Conc: N.D.



#29 AR-1254-4

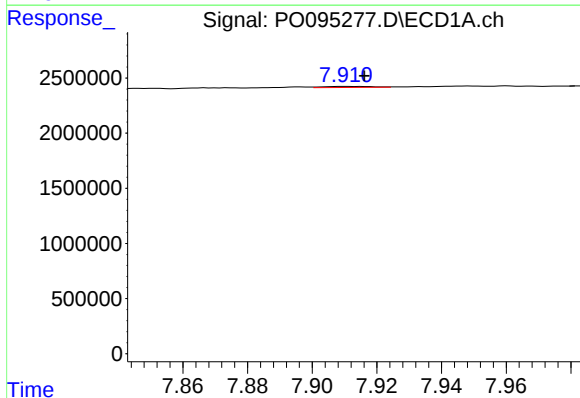
R.T.: 7.493 min
Delta R.T.: 0.013 min
Response: 187883
Conc: 1.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



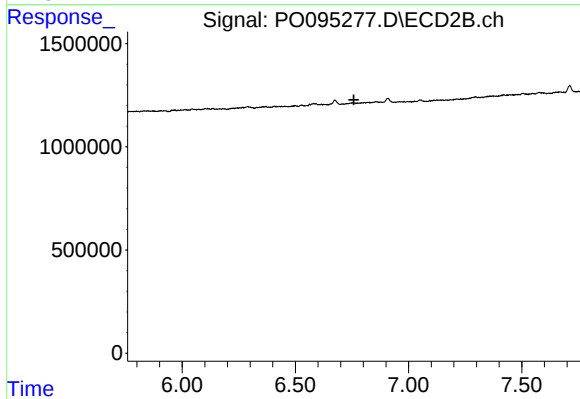
#29 AR-1254-4

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



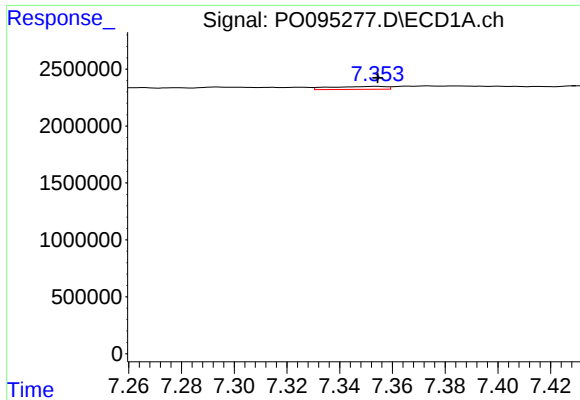
#30 AR-1254-5

R.T.: 7.911 min
Delta R.T.: -0.006 min
Response: 102846
Conc: 0.62 ng/ml



#30 AR-1254-5

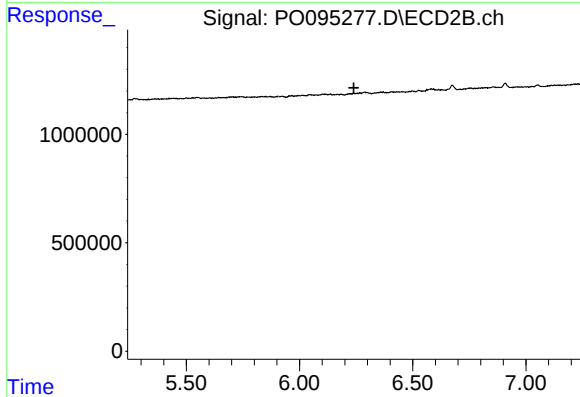
R.T.: 0.000 min
Exp R.T. : 6.758 min
Response: 0
Conc: N.D.



#31 AR-1260-1

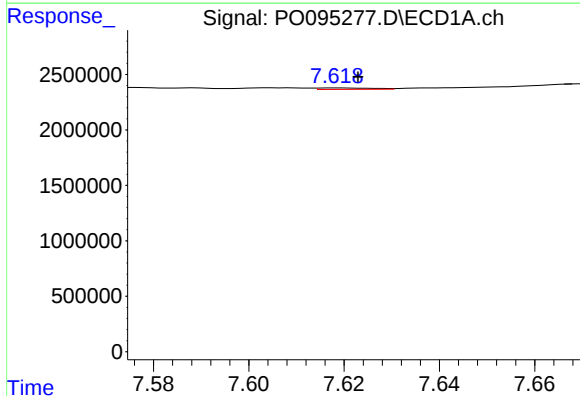
R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 374697
Conc: 2.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



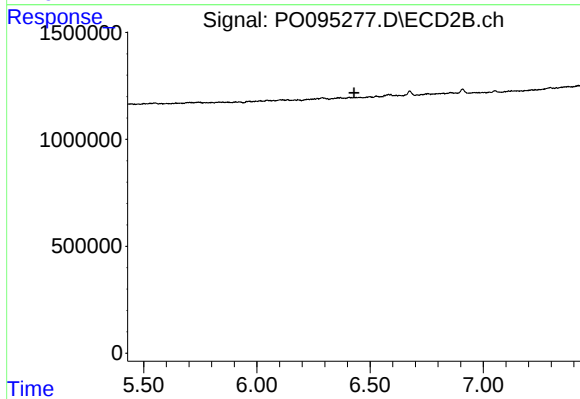
#31 AR-1260-1

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



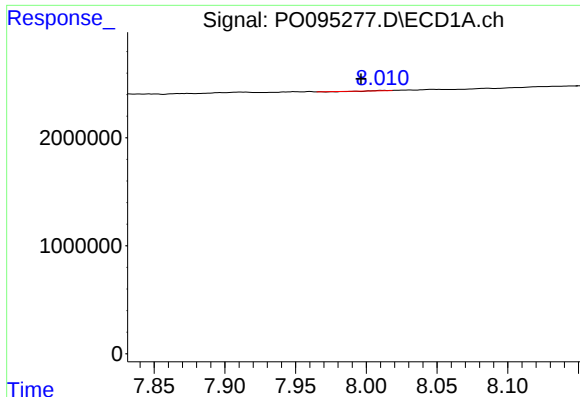
#32 AR-1260-2

R.T.: 7.619 min
Delta R.T.: -0.004 min
Response: 102295
Conc: 0.63 ng/ml



#32 AR-1260-2

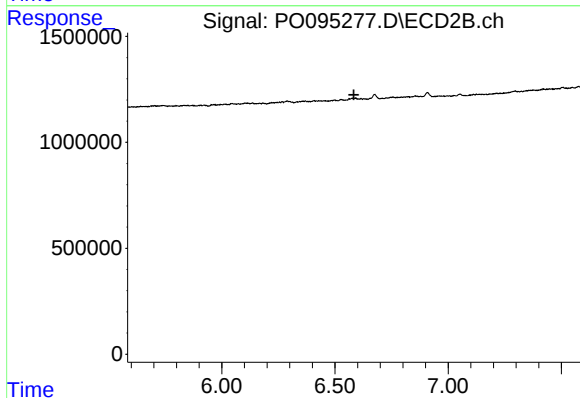
R.T.: 0.000 min
Exp R.T. : 6.429 min
Response: 0
Conc: N.D.



#33 AR-1260-3

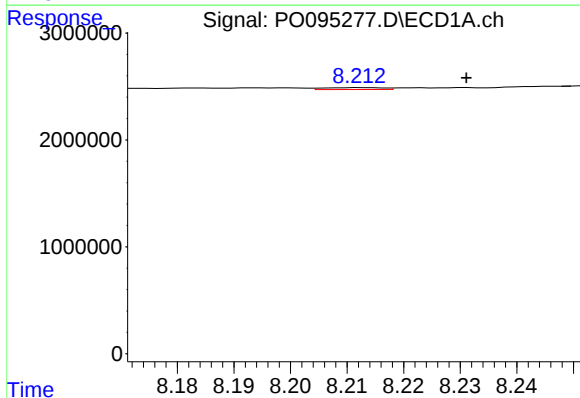
R.T.: 8.011 min
Delta R.T.: 0.015 min
Response: 4399
Conc: 0.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



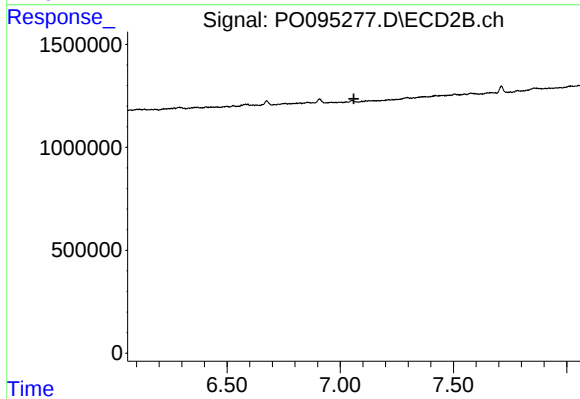
#33 AR-1260-3

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



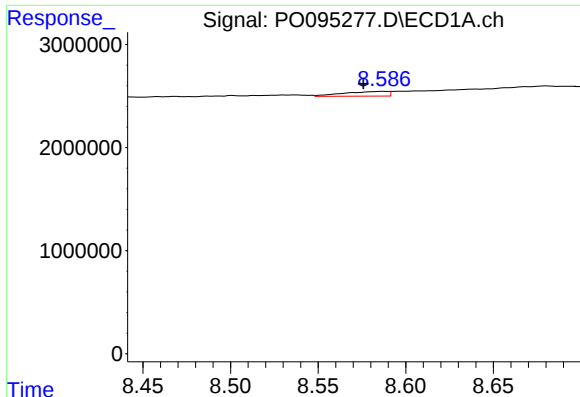
#34 AR-1260-4

R.T.: 8.213 min
Delta R.T.: -0.018 min
Response: 130459
Conc: 0.92 ng/ml



#34 AR-1260-4

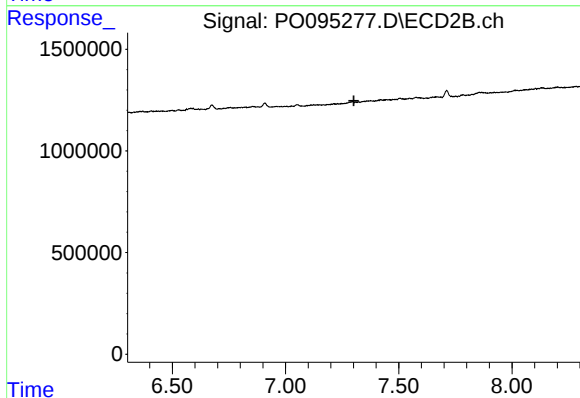
R.T.: 0.000 min
Exp R.T. : 7.060 min
Response: 0
Conc: N.D.



#35 AR-1260-5

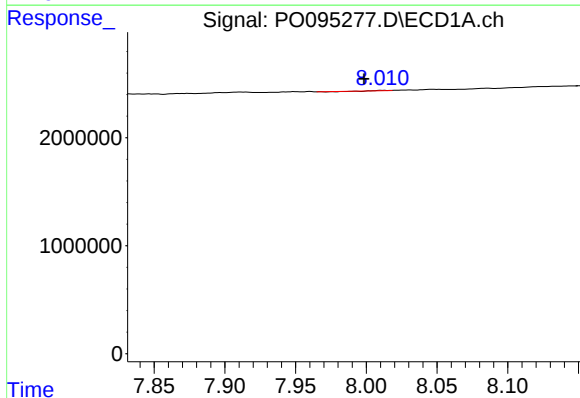
R.T.: 8.587 min
Delta R.T.: 0.011 min
Response: 813794
Conc: 3.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



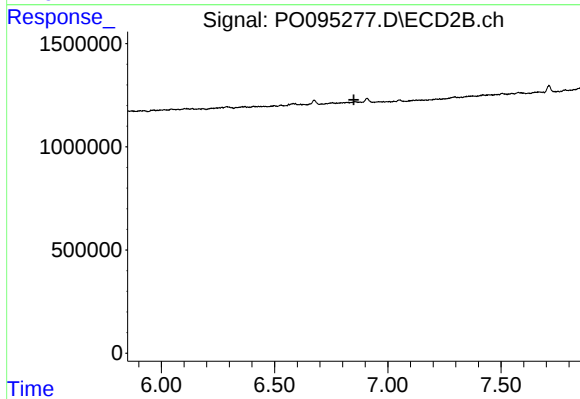
#35 AR-1260-5

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



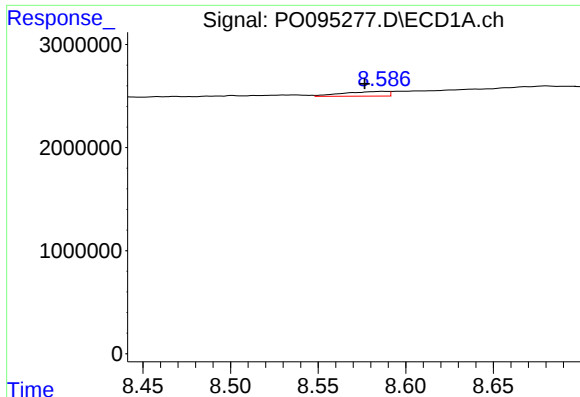
#36 AR-1262-1

R.T.: 8.011 min
Delta R.T.: 0.013 min
Response: 4399
Conc: 0.03 ng/ml



#36 AR-1262-1

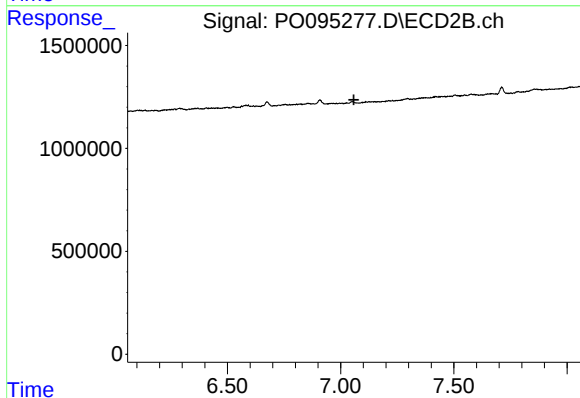
R.T.: 0.000 min
Exp R.T. : 6.850 min
Response: 0
Conc: N.D.



#37 AR-1262-2

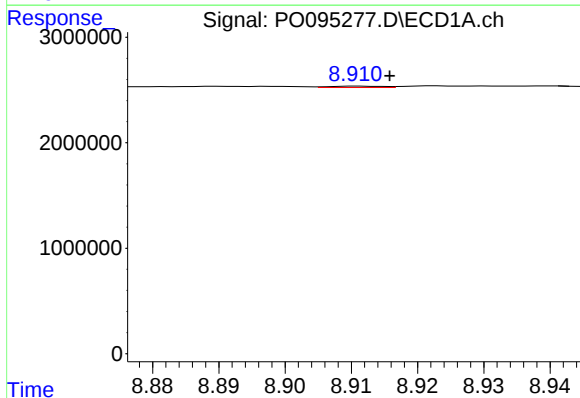
R.T.: 8.587 min
Delta R.T.: 0.011 min
Response: 813794
Conc: 2.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



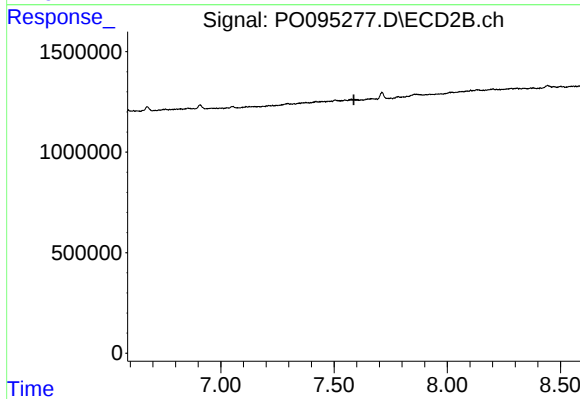
#37 AR-1262-2

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



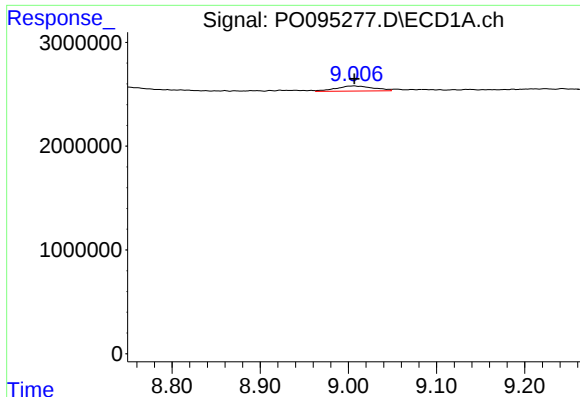
#38 AR-1262-3

R.T.: 8.911 min
Delta R.T.: -0.005 min
Response: 71987
Conc: 0.34 ng/ml



#38 AR-1262-3

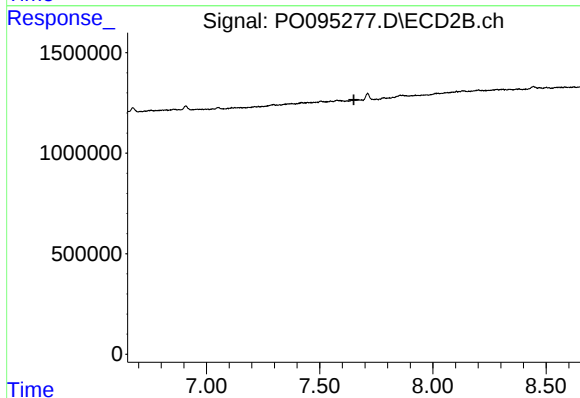
R.T.: 0.000 min
Exp R.T. : 7.588 min
Response: 0
Conc: N.D.



#39 AR-1262-4

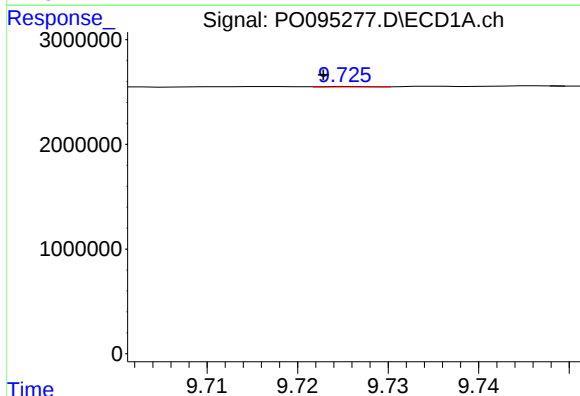
R.T.: 9.007 min
Delta R.T.: 0.000 min
Response: 1456550
Conc: 8.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



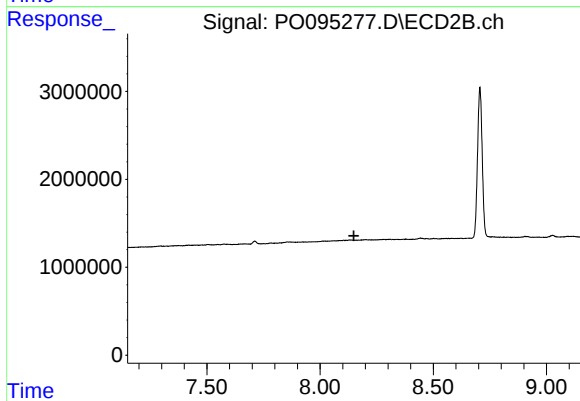
#39 AR-1262-4

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



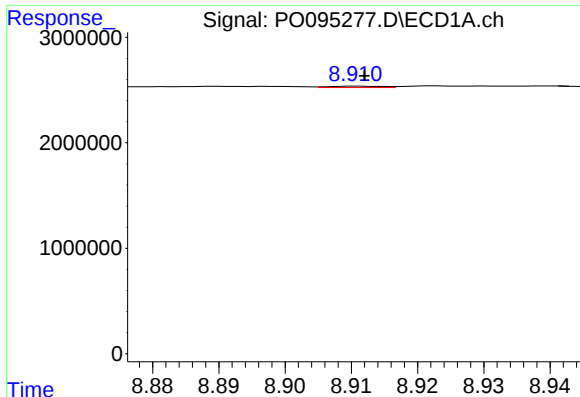
#40 AR-1262-5

R.T.: 9.726 min
Delta R.T.: 0.003 min
Response: 16749
Conc: 0.16 ng/ml



#40 AR-1262-5

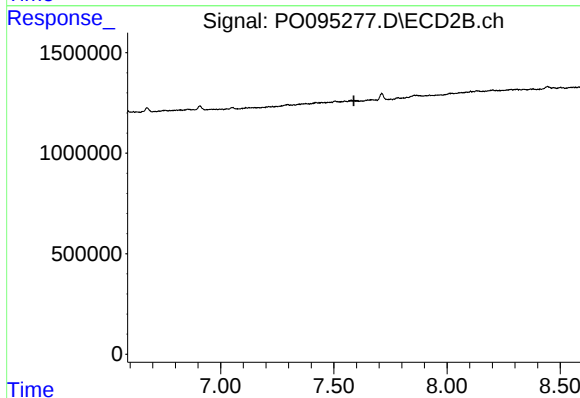
R.T.: 0.000 min
Exp R.T. : 8.149 min
Response: 0
Conc: N.D.



#41 AR-1268-1

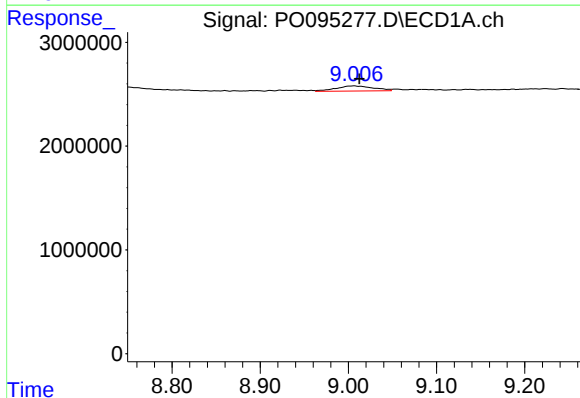
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 71987
Conc: 0.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



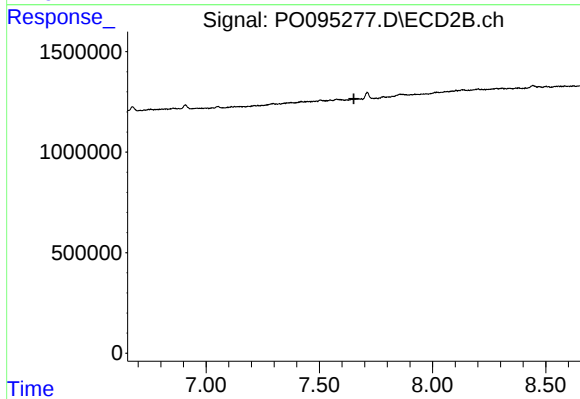
#41 AR-1268-1

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



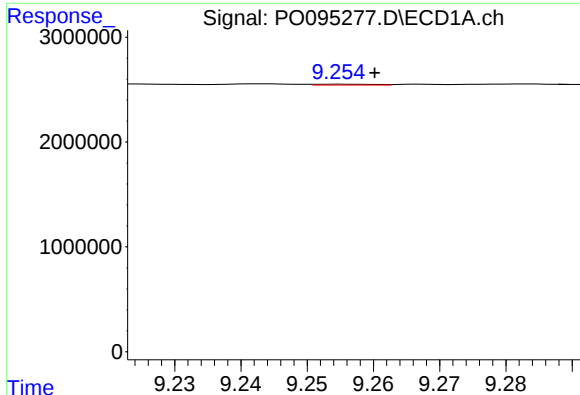
#42 AR-1268-2

R.T.: 9.007 min
Delta R.T.: -0.006 min
Response: 1456550
Conc: 4.49 ng/ml



#42 AR-1268-2

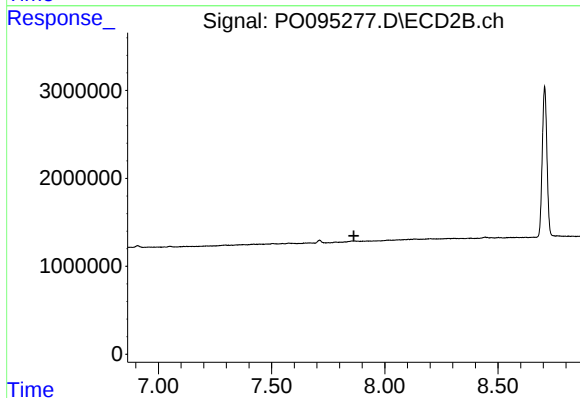
R.T.: 0.000 min
Exp R.T. : 7.653 min
Response: 0
Conc: N.D.



#43 AR-1268-3

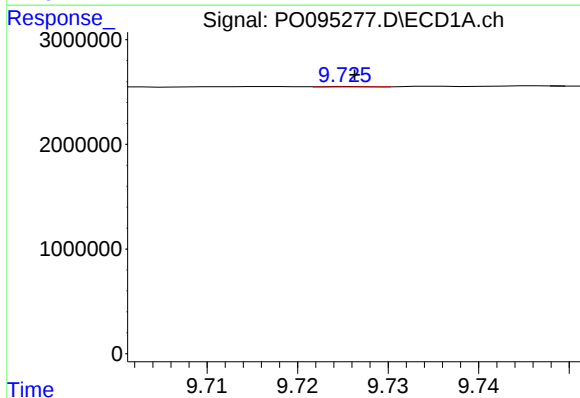
R.T.: 9.255 min
Delta R.T.: -0.006 min
Response: 46630
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



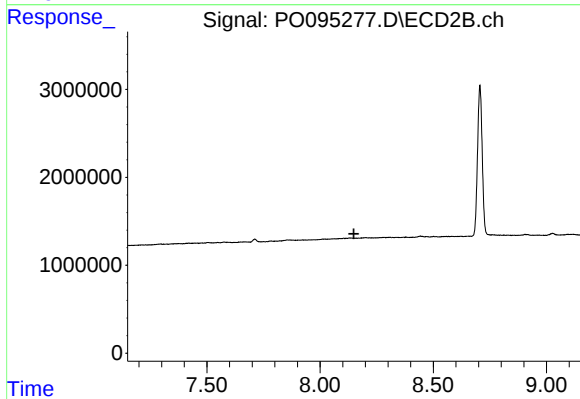
#43 AR-1268-3

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



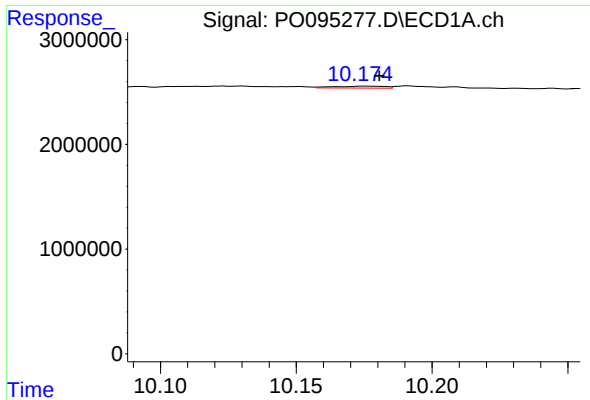
#44 AR-1268-4

R.T.: 9.726 min
Delta R.T.: 0.000 min
Response: 16749
Conc: 0.14 ng/ml



#44 AR-1268-4

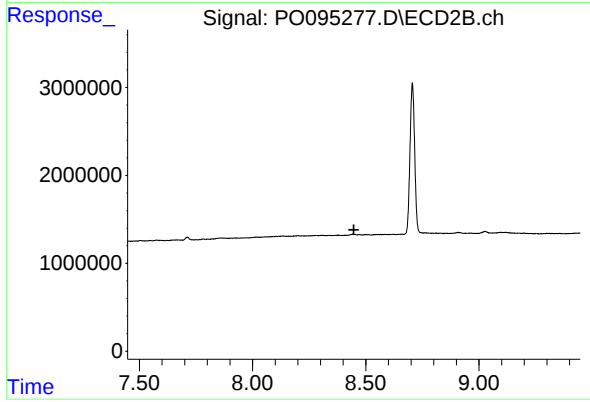
R.T.: 0.000 min
Exp R.T. : 8.150 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.175 min
Delta R.T.: -0.005 min
Response: 233863
Conc: 0.26 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.