

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040623\
 Data File : P0093851.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 11:45
 Operator : YP/AJ
 Sample : 02140-07
 Misc :
 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 06 11:59:35 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	3.625	65925182	22991068	17.635	18.055
2)	SA Decachlor...	10.242	8.643	34368032	15438304	15.364	15.442
Target Compounds							
3)	L1 AR-1016-1	5.601	0.000	748718	0	7.321	N.D. #
4)	L1 AR-1016-2	5.614	0.000	1116993	0	7.167	N.D. #
5)	L1 AR-1016-3	5.677	0.000	1013413	0	10.275	N.D. #
6)	L1 AR-1016-4	5.786	0.000	33966	0	0.462	N.D. #
7)	L1 AR-1016-5	6.077	0.000	200434	0	2.367	N.D. #
8)	L2 AR-1221-1	4.626	0.000	333295	0	7.227	N.D. #
9)	L2 AR-1221-2	4.726	0.000	884787	0	25.776	N.D. #
10)	L2 AR-1221-3	4.787	0.000	58196	0	0.556	N.D. #
11)	L3 AR-1232-1	4.787	0.000	58196	0	0.667	N.D. #
12)	L3 AR-1232-2	5.353	0.000	336991	0	7.880	N.D. #
13)	L3 AR-1232-3	5.614	0.000	1116993	0	15.206	N.D. #
14)	L3 AR-1232-4	5.786	0.000	33966	0	0.987	N.D. #
15)	L3 AR-1232-5	5.881	0.000	197400	0	6.215	N.D. #
16)	L4 AR-1242-1	5.601	0.000	748718	0	8.578	N.D. #
17)	L4 AR-1242-2	5.614	0.000	1116993	0	8.401	N.D. #
18)	L4 AR-1242-3	5.677	0.000	1013413	0	11.938	N.D. #
19)	L4 AR-1242-4	5.786	0.000	33966	0	0.544	N.D. #
20)	L4 AR-1242-5	6.530	0.000	399219	0	5.929	N.D. #
21)	L5 AR-1248-1	5.601	0.000	748718	0	11.128	N.D. #
22)	L5 AR-1248-2	5.881	0.000	197400	0	1.805	N.D. #
23)	L5 AR-1248-3	6.077	0.000	200434	0	1.660	N.D. #
24)	L5 AR-1248-4	6.483	0.000	692830	0	6.451	N.D. #
25)	L5 AR-1248-5	6.530	0.000	399219	0	3.441	N.D. #
26)	L6 AR-1254-1	6.459	0.000	593294	0	4.374	N.D. #
27)	L6 AR-1254-2	6.678	0.000	366089	0	1.873	N.D. #
28)	L6 AR-1254-3	7.047	0.000	2347489	0	12.707	N.D. #
29)	L6 AR-1254-4	7.334	0.000	76582	0	0.755	N.D. #
30)	L6 AR-1254-5	7.764	0.000	461838	0	3.406	N.D. #
31)	L7 AR-1260-1	7.213	0.000	27084	0	0.186	N.D. #
32)	L7 AR-1260-2	7.492	6.365	1321572	684527	8.257	9.426
33)	L7 AR-1260-3	7.861	0.000	374958	0	2.824	N.D. #
34)	L7 AR-1260-4	8.059	0.000	33407	0	0.243	N.D. #
35)	L7 AR-1260-5	8.398	0.000	75652	0	0.347	N.D. #
36)	L8 AR-1262-1	7.861	0.000	374958	0	2.195	N.D. #
37)	L8 AR-1262-2	8.398	0.000	75652	0	0.325	N.D. #
38)	L8 AR-1262-3	8.695	0.000	8760	0	0.053	N.D. #
39)	L8 AR-1262-4	8.764f	7.659f	3541944	976380	35.351	11.773 #
40)	L8 AR-1262-5	9.474	0.000	181058	0	2.250	N.D. #
41)	L9 AR-1268-1	8.695	0.000	8760	0	0.026	N.D. #

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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	8.764f	7.659f	3541944	976380	11.005	7.187 #
43) L9	AR-1268-3	9.030	0.000	225603	0	0.796	N.D. #
44) L9	AR-1268-4	9.474	0.000	181058	0	1.873	N.D. #
45) L9	AR-1268-5	9.888	0.000	143539	0	0.171	N.D. #

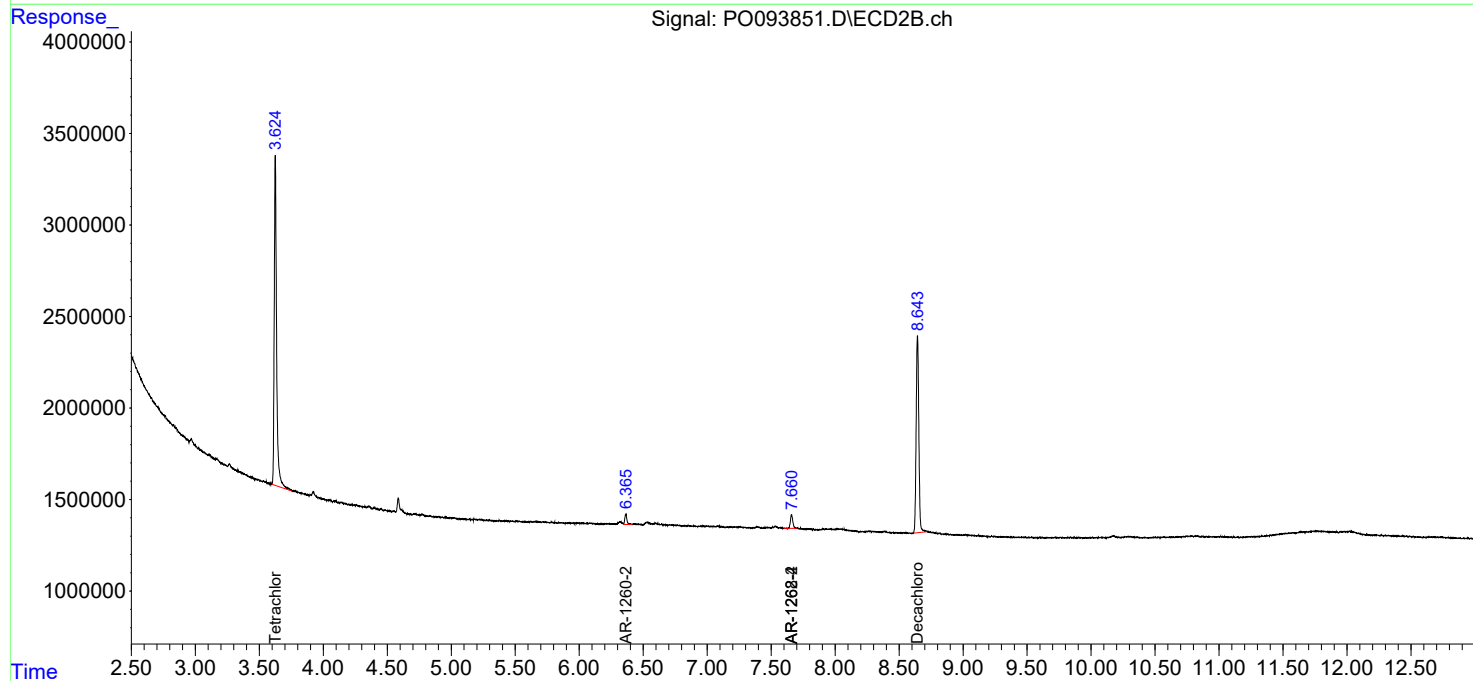
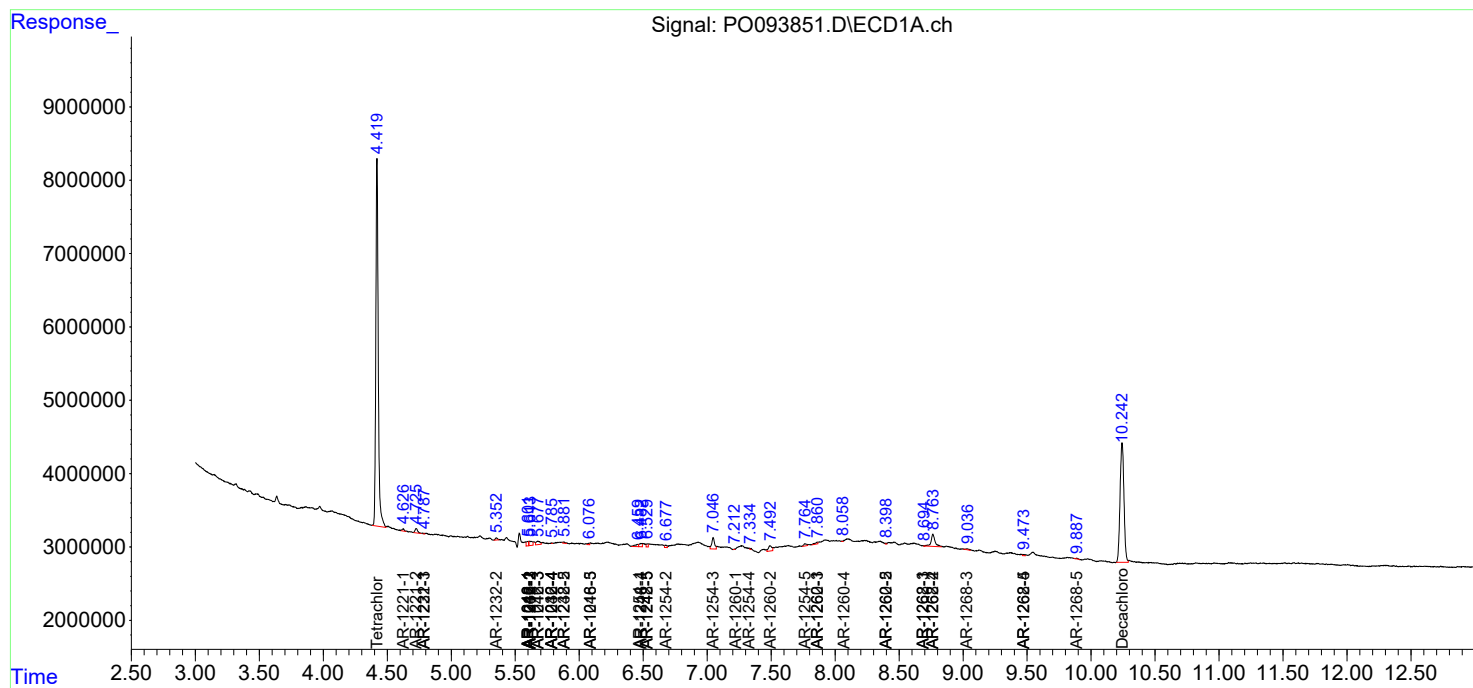
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

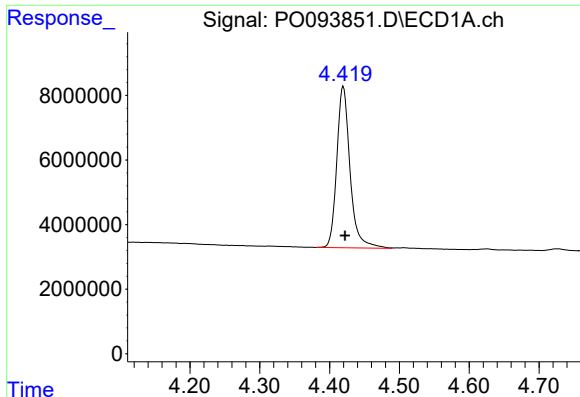
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

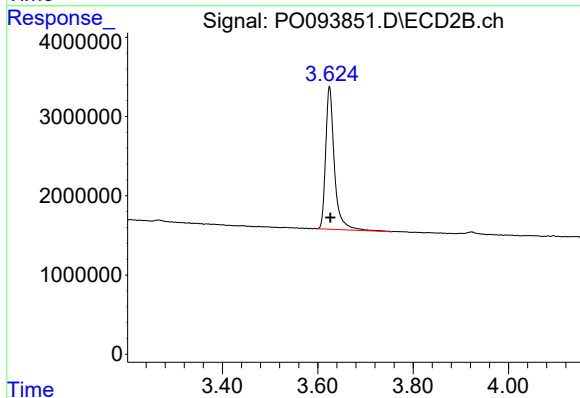




#1 Tetrachloro-m-xylene

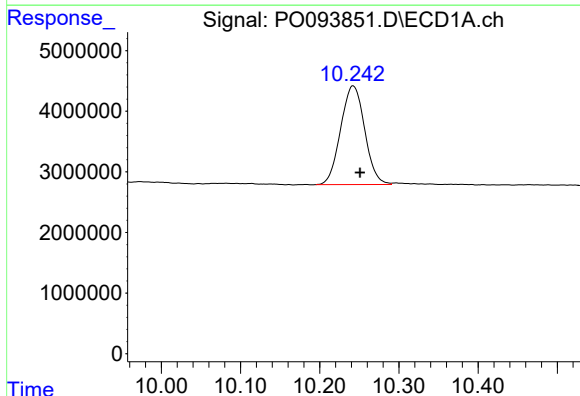
R.T.: 4.420 min
Delta R.T.: -0.002 min
Response: 65925182
Conc: 17.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



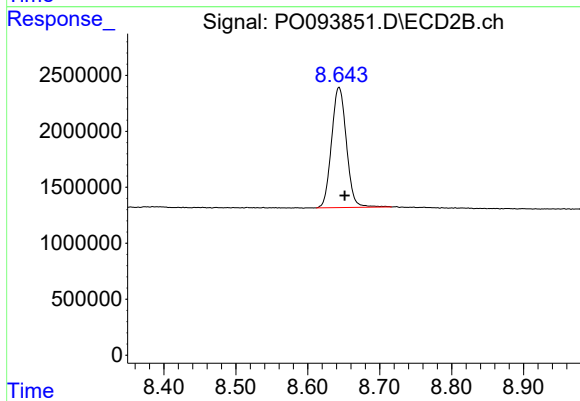
#1 Tetrachloro-m-xylene

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 22991068
Conc: 18.05 ng/ml



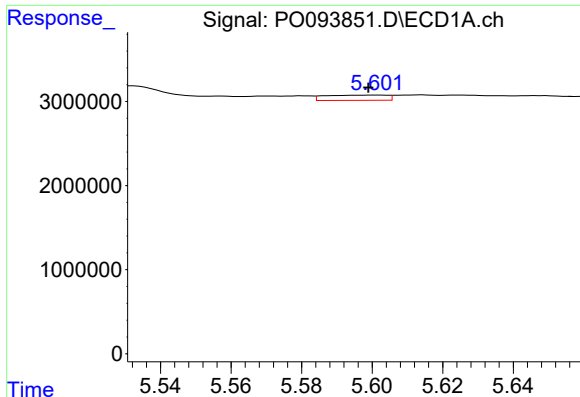
#2 Decachlorobiphenyl

R.T.: 10.242 min
Delta R.T.: -0.008 min
Response: 34368032
Conc: 15.36 ng/ml



#2 Decachlorobiphenyl

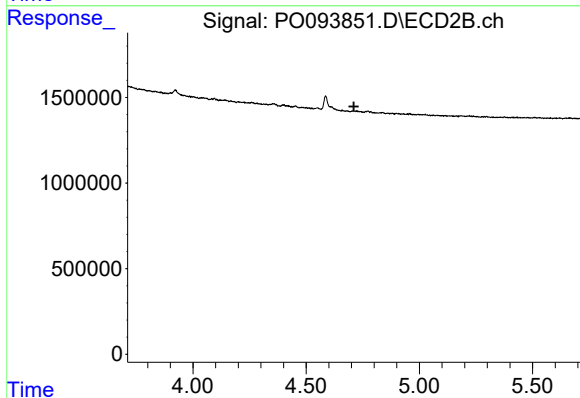
R.T.: 8.643 min
Delta R.T.: -0.008 min
Response: 15438304
Conc: 15.44 ng/ml



#3 AR-1016-1

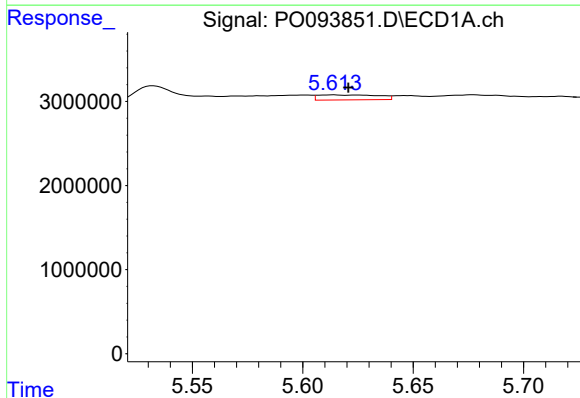
R.T.: 5.601 min
Delta R.T.: 0.003 min
Response: 748718
Conc: 7.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



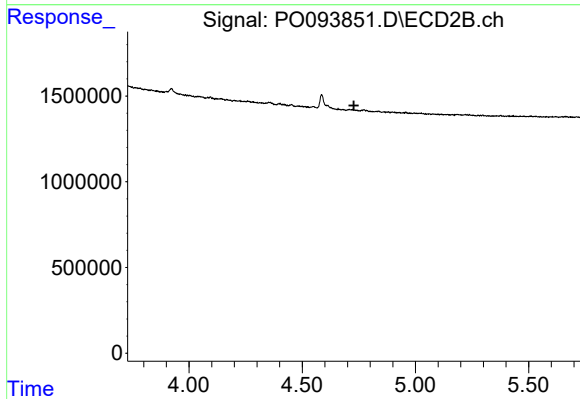
#3 AR-1016-1

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



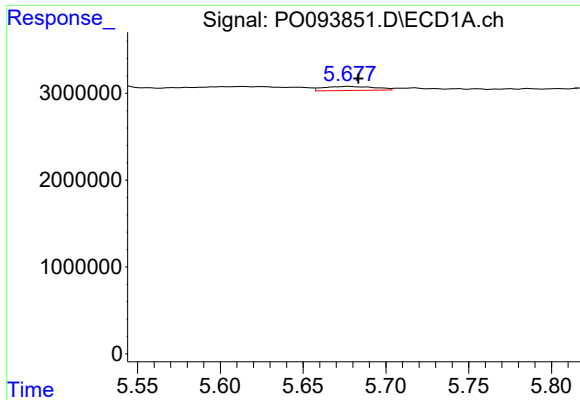
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: -0.007 min
Response: 1116993
Conc: 7.17 ng/ml



#4 AR-1016-2

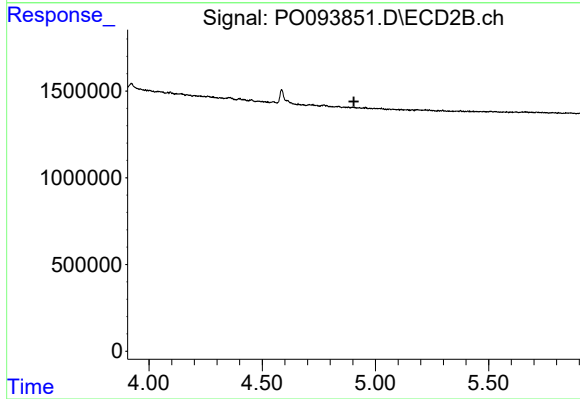
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

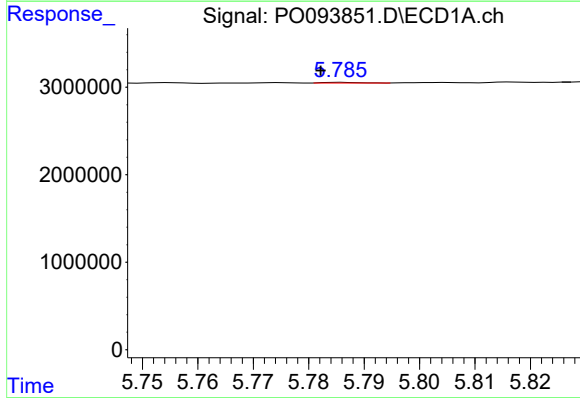
R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 1013413
Conc: 10.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



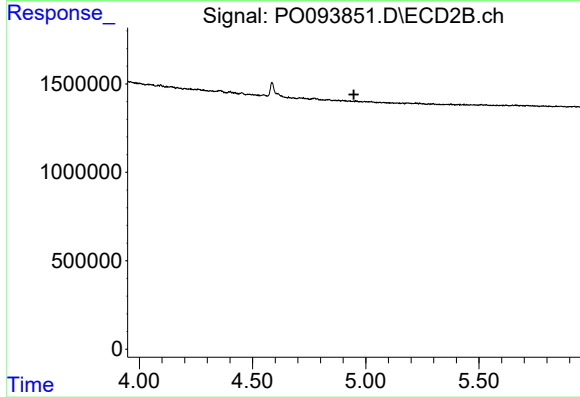
#5 AR-1016-3

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



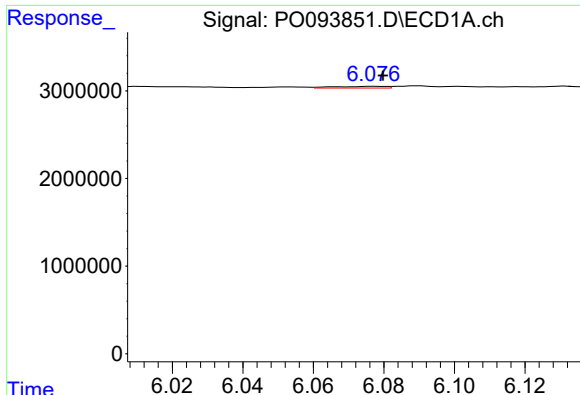
#6 AR-1016-4

R.T.: 5.786 min
Delta R.T.: 0.004 min
Response: 33966
Conc: 0.46 ng/ml



#6 AR-1016-4

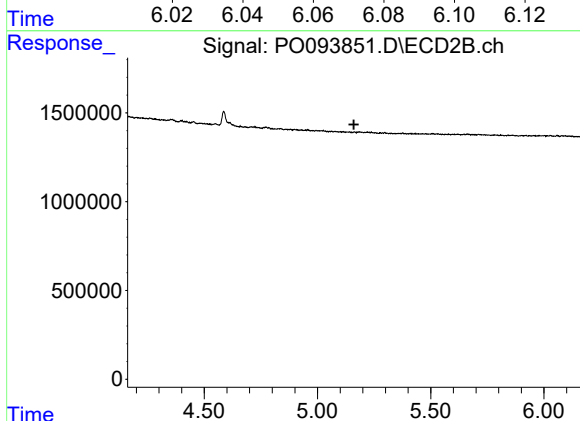
R.T.: 0.000 min
Exp R.T. : 4.948 min
Response: 0
Conc: N.D.



#7 AR-1016-5

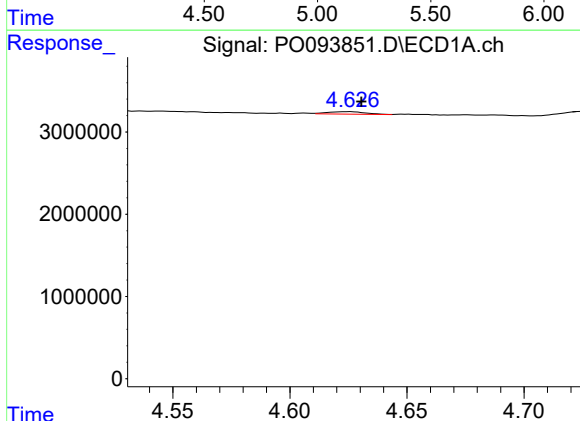
R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 200434
Conc: 2.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



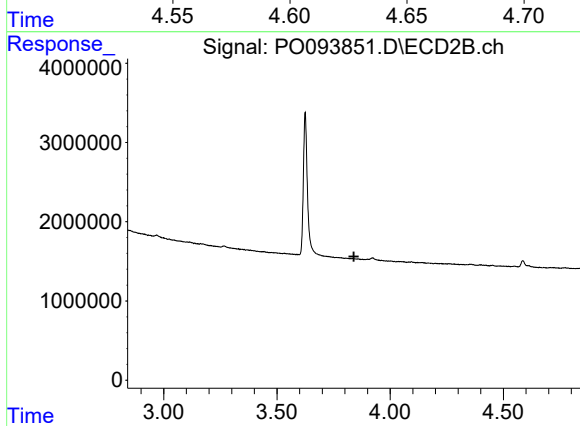
#7 AR-1016-5

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



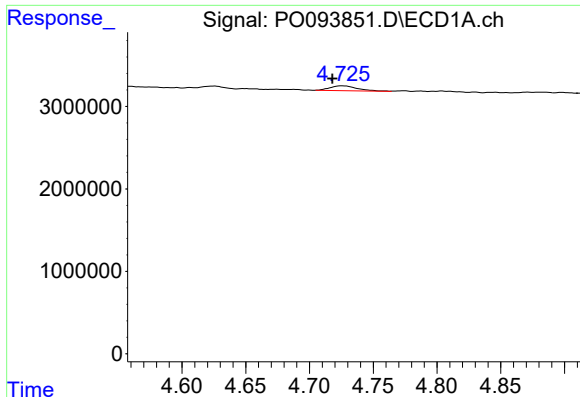
#8 AR-1221-1

R.T.: 4.626 min
Delta R.T.: -0.005 min
Response: 333295
Conc: 7.23 ng/ml



#8 AR-1221-1

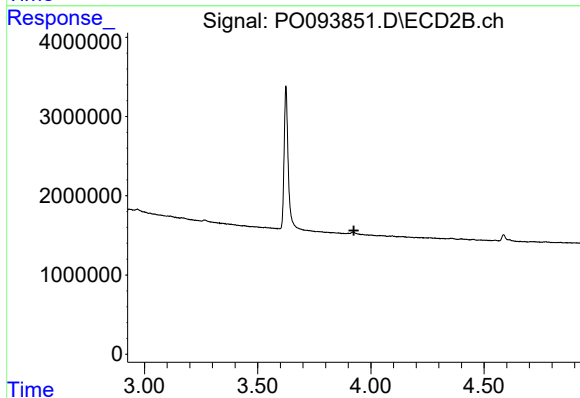
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

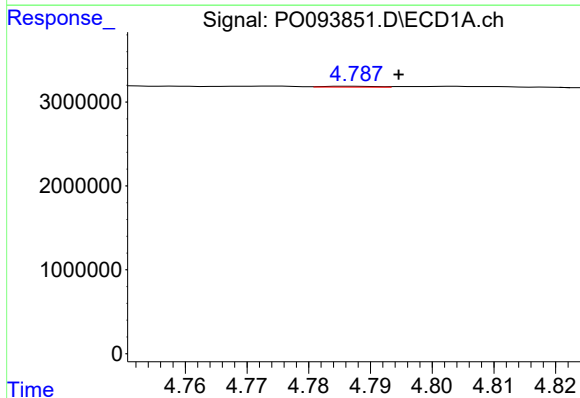
R.T.: 4.726 min
Delta R.T.: 0.008 min
Response: 884787
Conc: 25.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



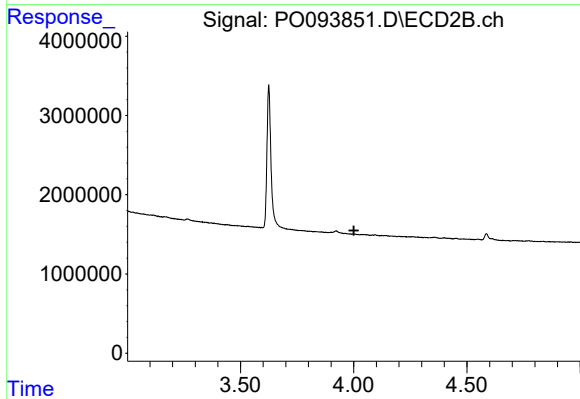
#9 AR-1221-2

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



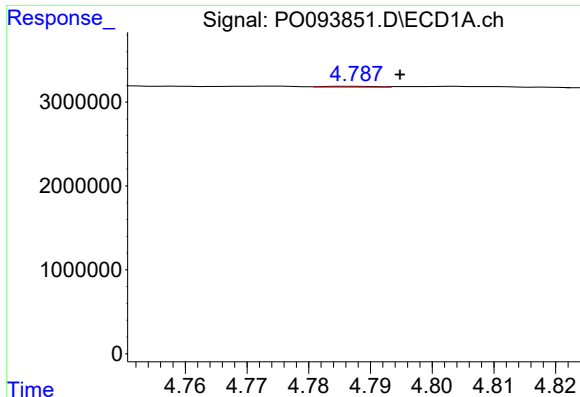
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: -0.008 min
Response: 58196
Conc: 0.56 ng/ml



#10 AR-1221-3

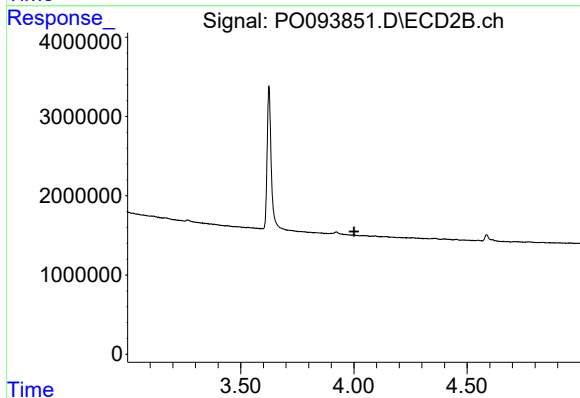
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#11 AR-1232-1

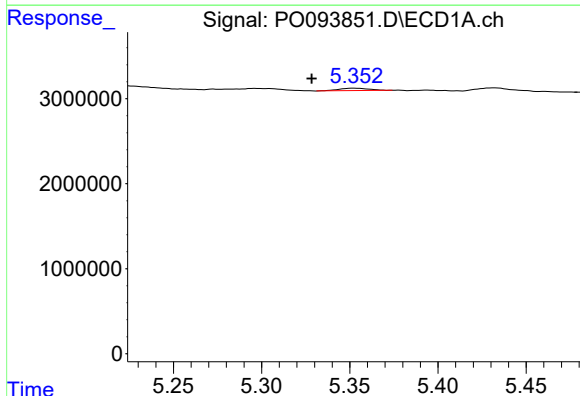
R.T.: 4.787 min
Delta R.T.: -0.008 min
Response: 58196
Conc: 0.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



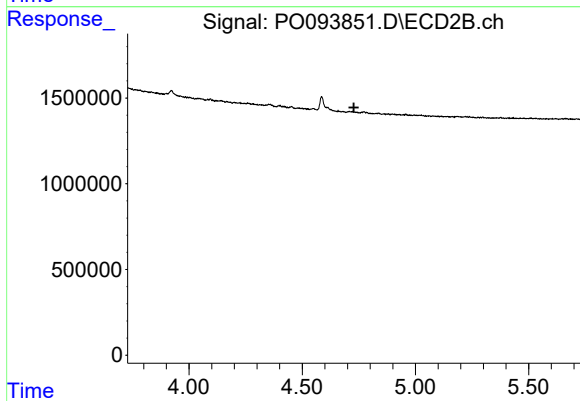
#11 AR-1232-1

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



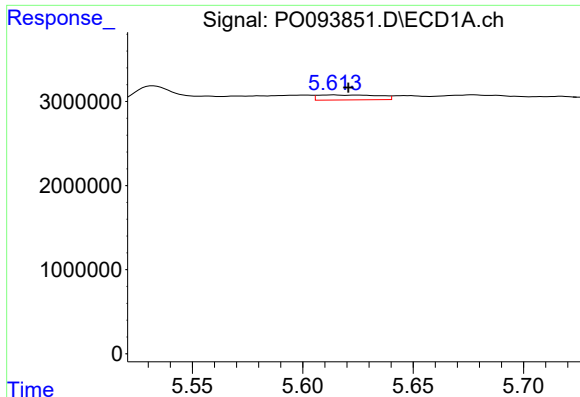
#12 AR-1232-2

R.T.: 5.353 min
Delta R.T.: 0.024 min
Response: 336991
Conc: 7.88 ng/ml



#12 AR-1232-2

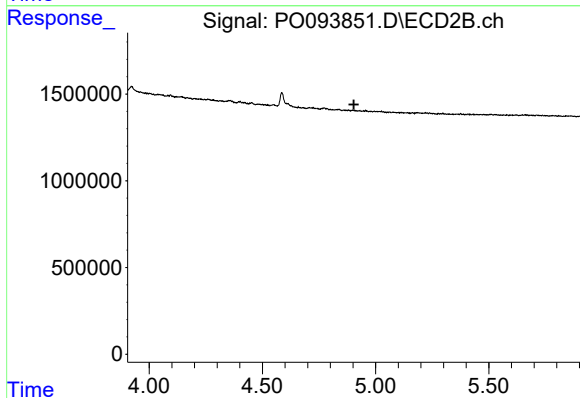
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

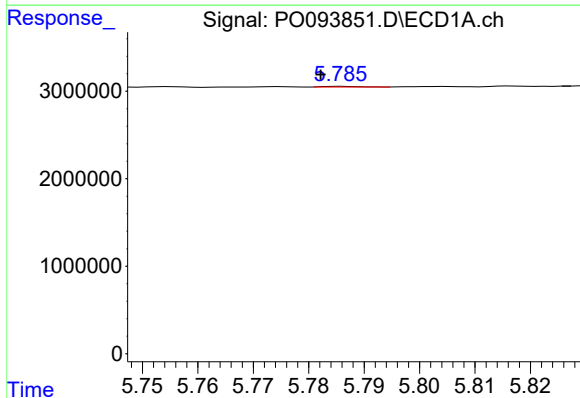
R.T.: 5.614 min
Delta R.T.: -0.007 min
Response: 1116993
Conc: 15.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



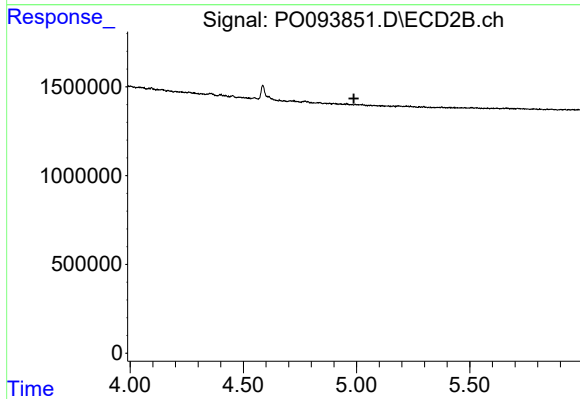
#13 AR-1232-3

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



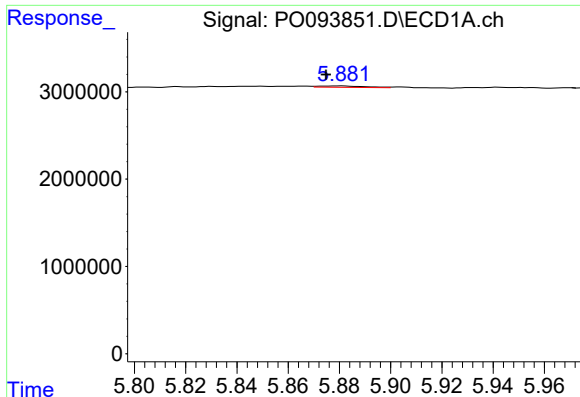
#14 AR-1232-4

R.T.: 5.786 min
Delta R.T.: 0.004 min
Response: 33966
Conc: 0.99 ng/ml



#14 AR-1232-4

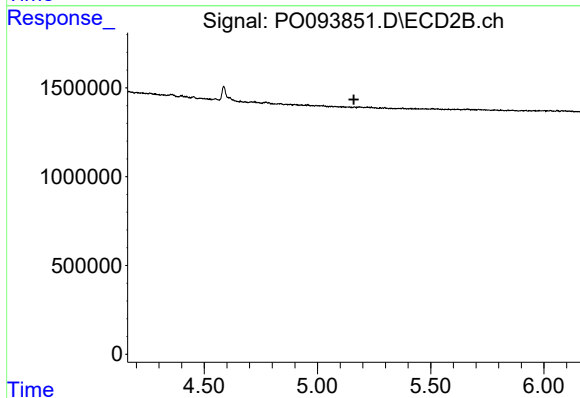
R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



#15 AR-1232-5

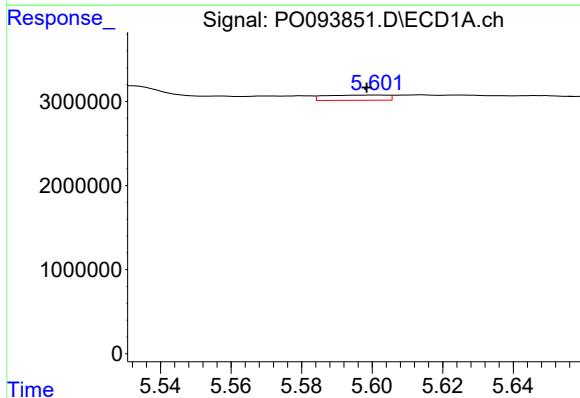
R.T.: 5.881 min
Delta R.T.: 0.006 min
Response: 197400
Conc: 6.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



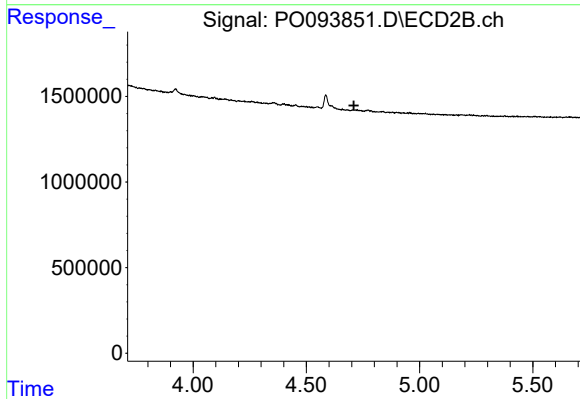
#15 AR-1232-5

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



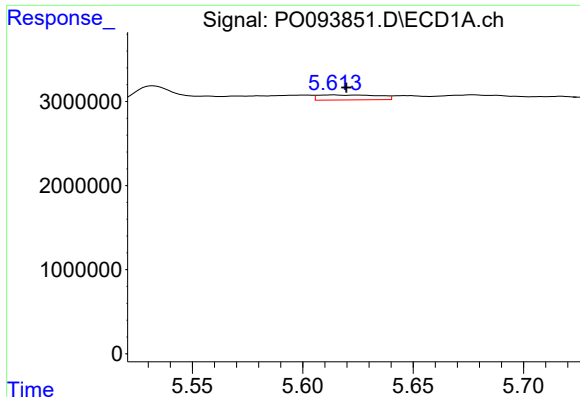
#16 AR-1242-1

R.T.: 5.601 min
Delta R.T.: 0.003 min
Response: 748718
Conc: 8.58 ng/ml



#16 AR-1242-1

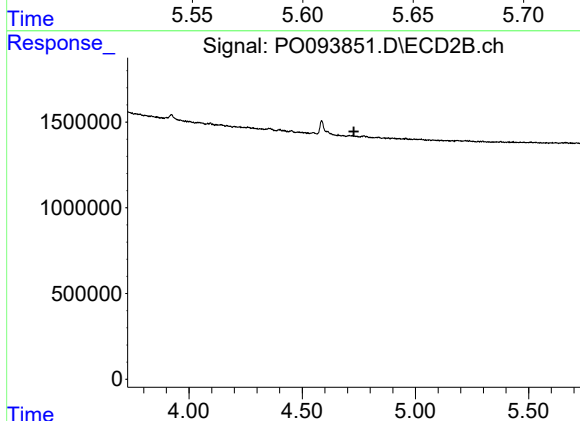
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

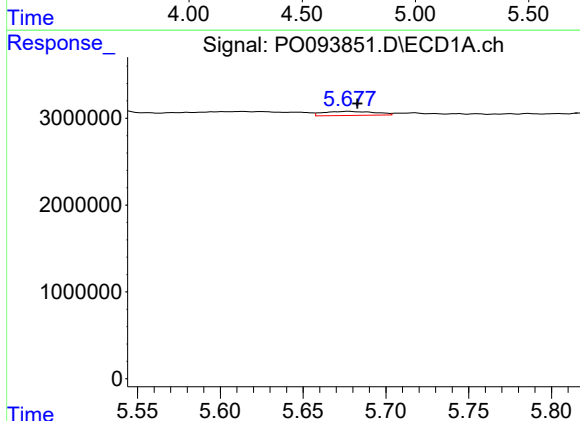
R.T.: 5.614 min
Delta R.T.: -0.006 min
Response: 1116993
Conc: 8.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



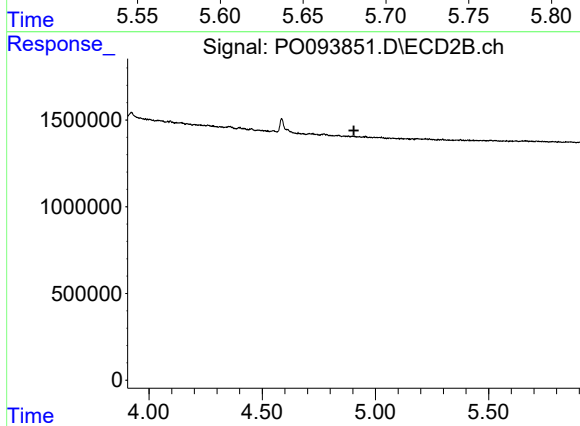
#17 AR-1242-2

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



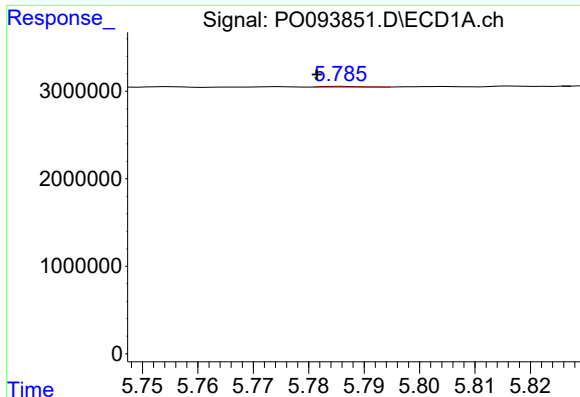
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: -0.005 min
Response: 1013413
Conc: 11.94 ng/ml



#18 AR-1242-3

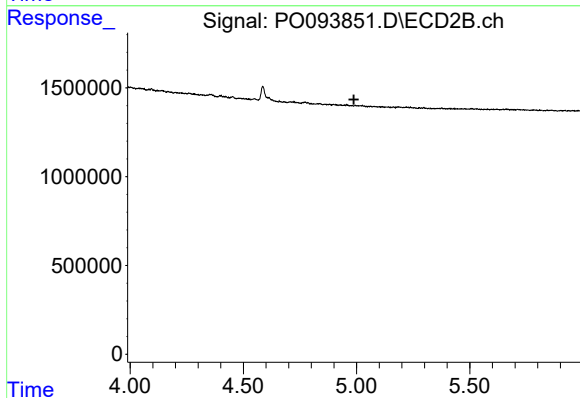
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#19 AR-1242-4

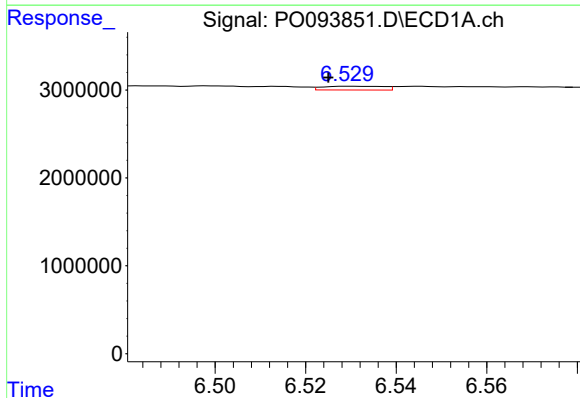
R.T.: 5.786 min
Delta R.T.: 0.004 min
Response: 33966
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



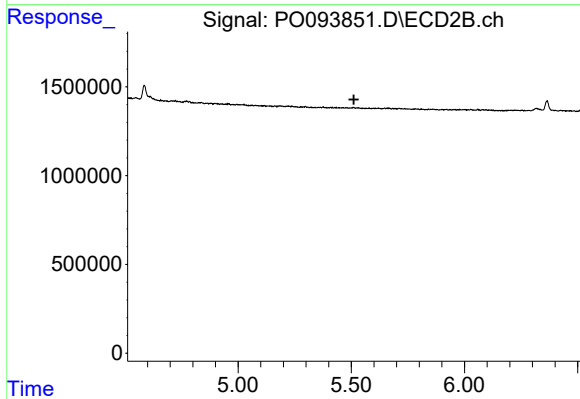
#19 AR-1242-4

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



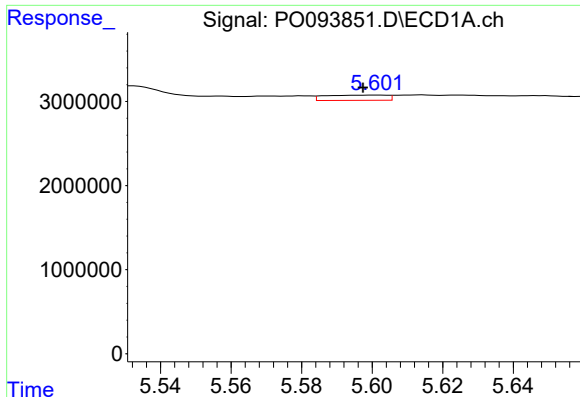
#20 AR-1242-5

R.T.: 6.530 min
Delta R.T.: 0.005 min
Response: 399219
Conc: 5.93 ng/ml



#20 AR-1242-5

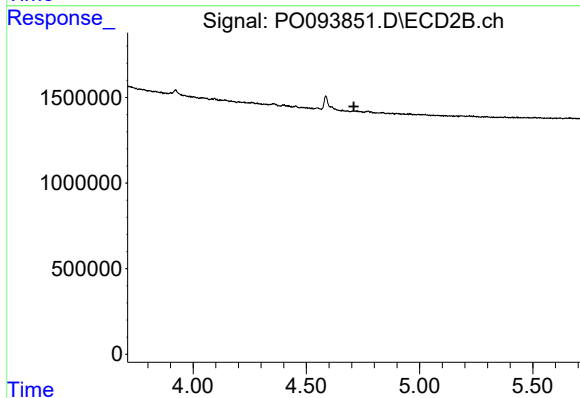
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#21 AR-1248-1

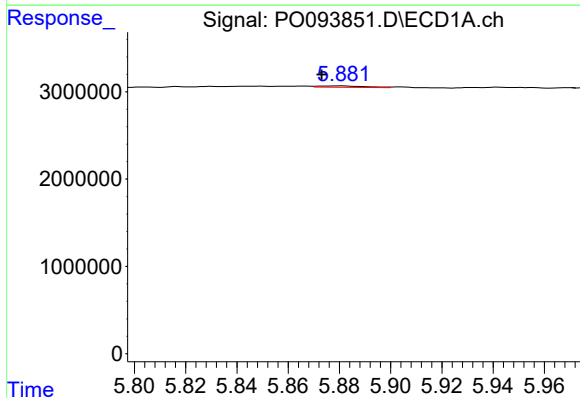
R.T.: 5.601 min
Delta R.T.: 0.004 min
Response: 748718
Conc: 11.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



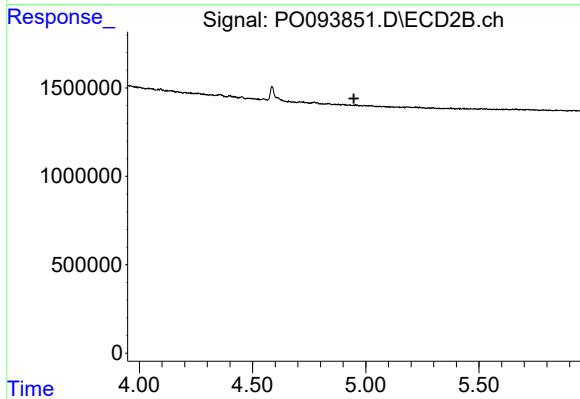
#21 AR-1248-1

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



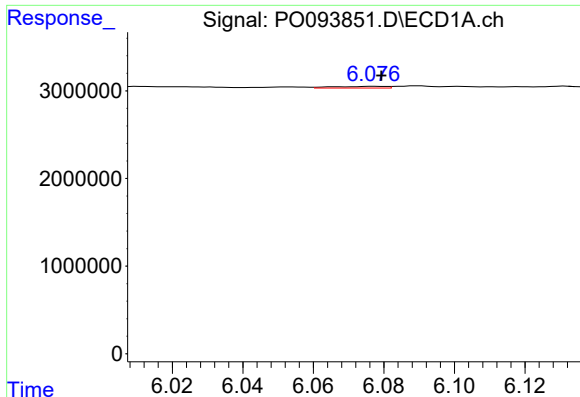
#22 AR-1248-2

R.T.: 5.881 min
Delta R.T.: 0.008 min
Response: 197400
Conc: 1.80 ng/ml



#22 AR-1248-2

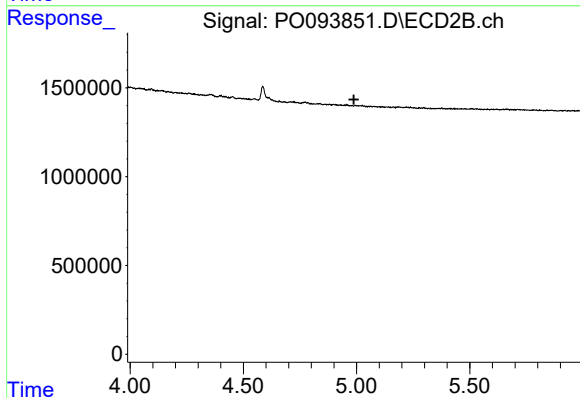
R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#23 AR-1248-3

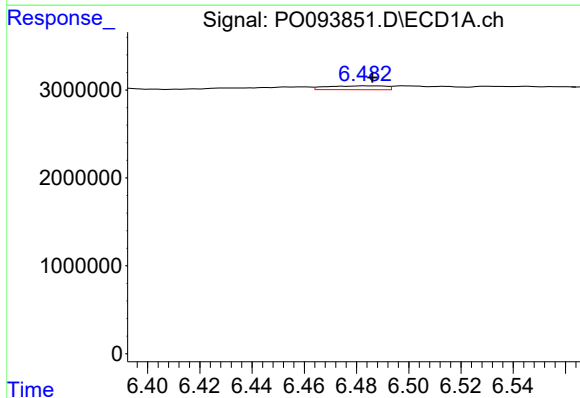
R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 200434
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



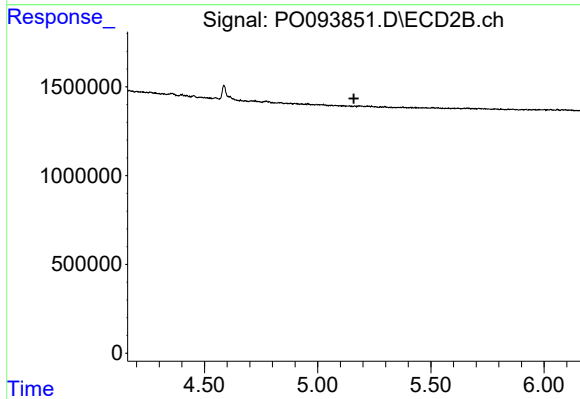
#23 AR-1248-3

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



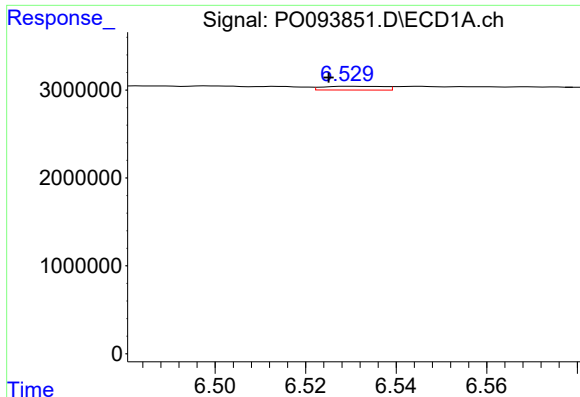
#24 AR-1248-4

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 692830
Conc: 6.45 ng/ml



#24 AR-1248-4

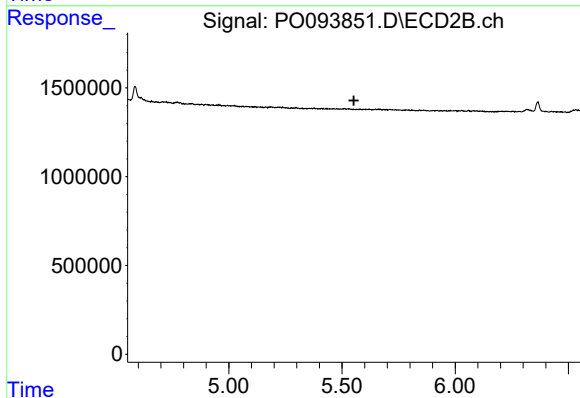
R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

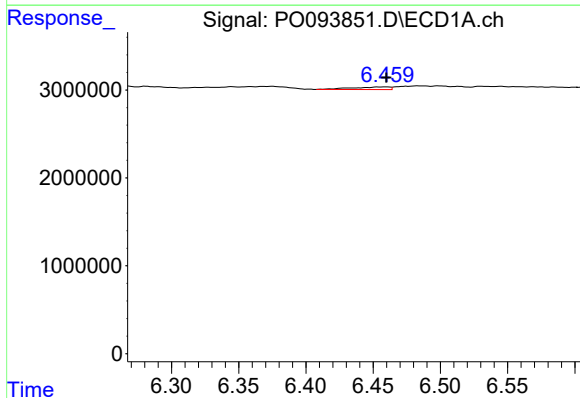
R.T.: 6.530 min
Delta R.T.: 0.005 min
Response: 399219
Conc: 3.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



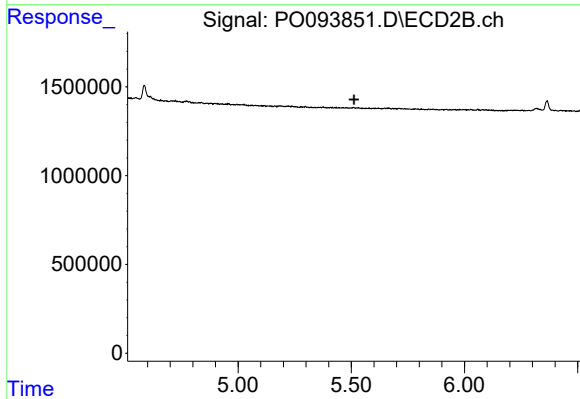
#25 AR-1248-5

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



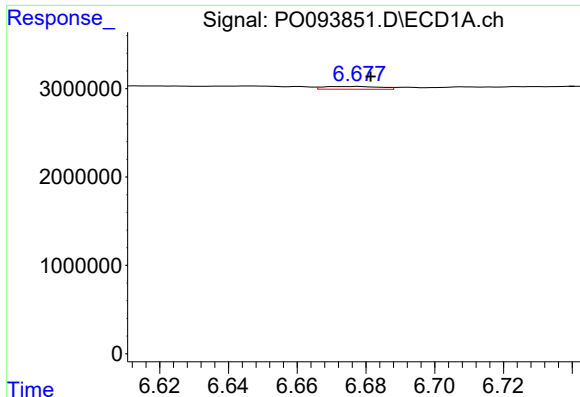
#26 AR-1254-1

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 593294
Conc: 4.37 ng/ml



#26 AR-1254-1

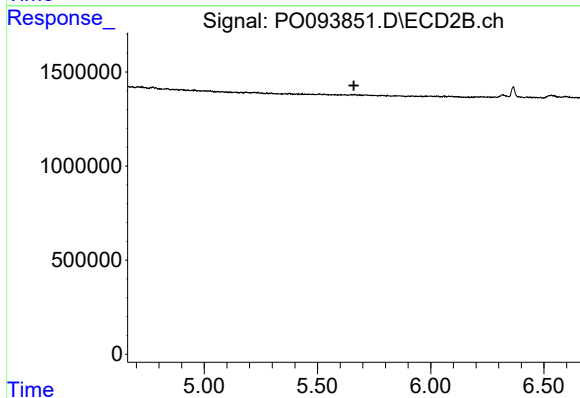
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#27 AR-1254-2

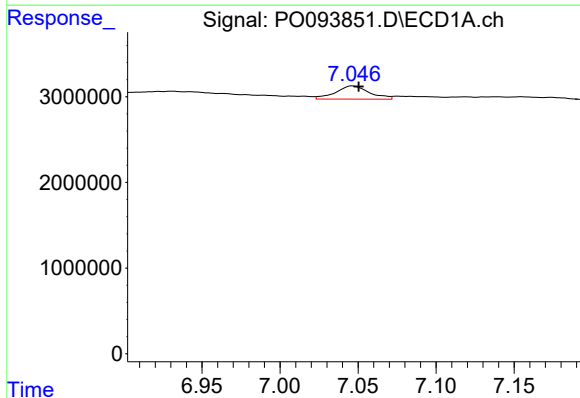
R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 366089
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



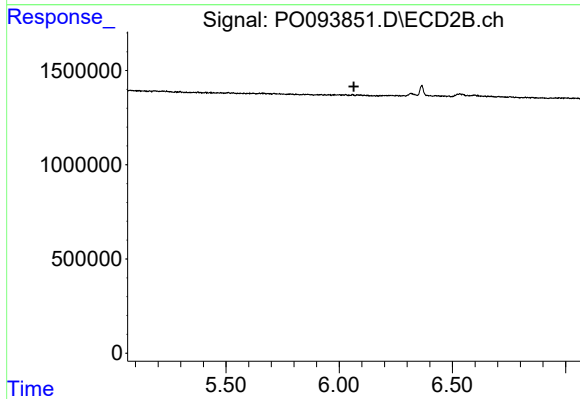
#27 AR-1254-2

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



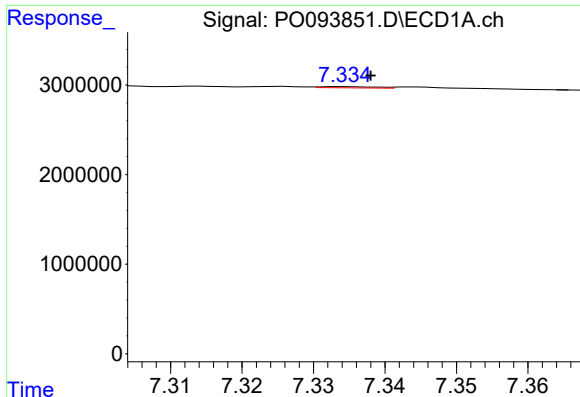
#28 AR-1254-3

R.T.: 7.047 min
Delta R.T.: -0.004 min
Response: 2347489
Conc: 12.71 ng/ml



#28 AR-1254-3

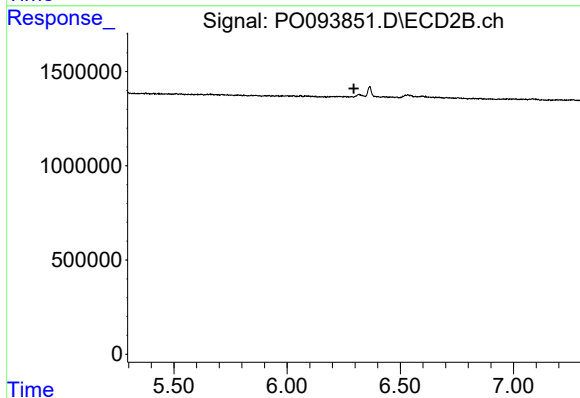
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

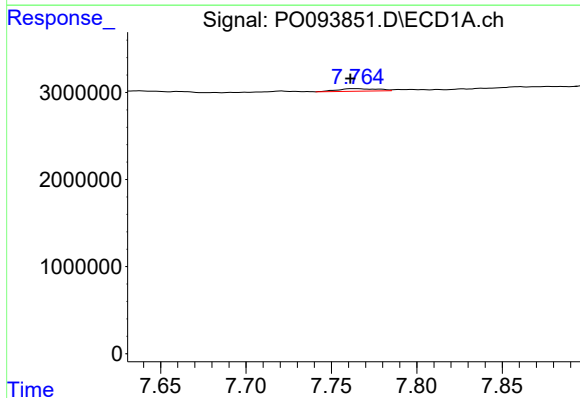
R.T.: 7.334 min
Delta R.T.: -0.004 min
Response: 76582
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



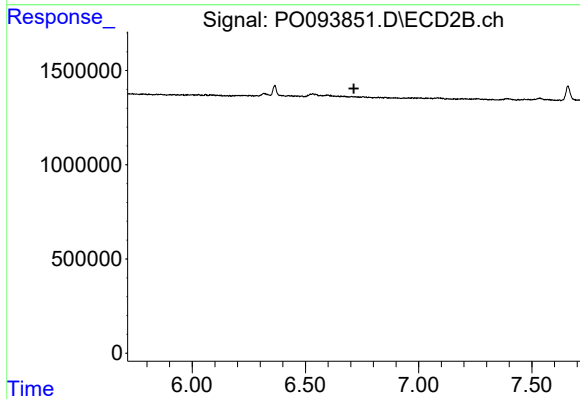
#29 AR-1254-4

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



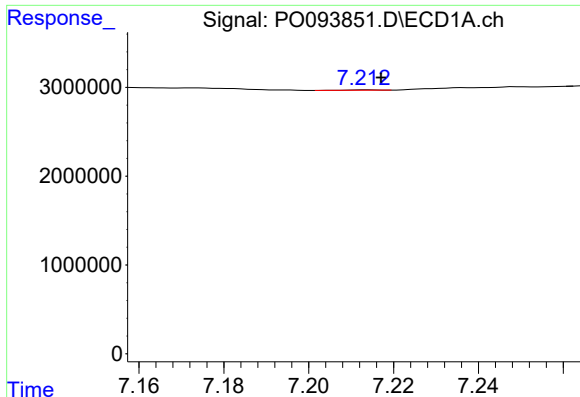
#30 AR-1254-5

R.T.: 7.764 min
Delta R.T.: 0.003 min
Response: 461838
Conc: 3.41 ng/ml



#30 AR-1254-5

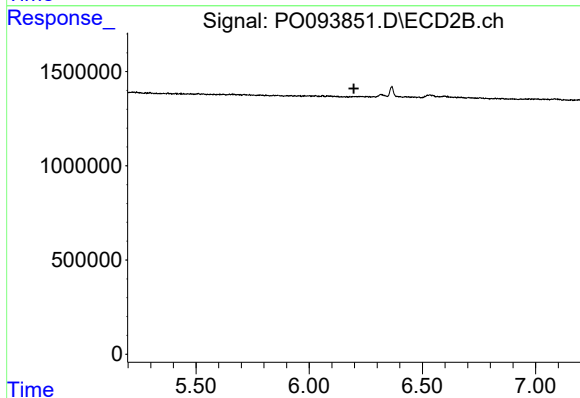
R.T.: 0.000 min
Exp R.T. : 6.714 min
Response: 0
Conc: N.D.



#31 AR-1260-1

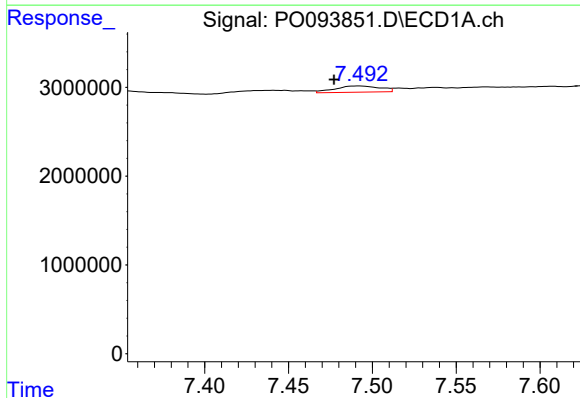
R.T.: 7.213 min
Delta R.T.: -0.004 min
Response: 27084
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



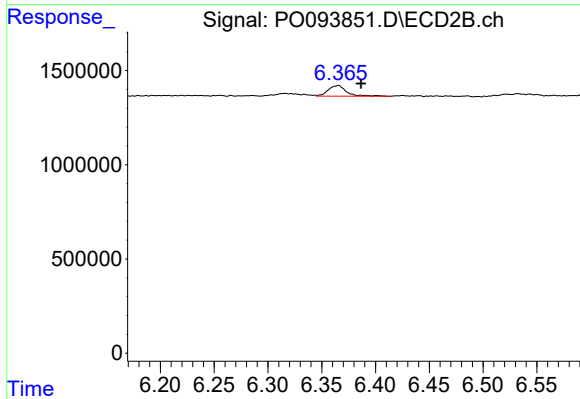
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.197 min
Response: 0
Conc: N.D.



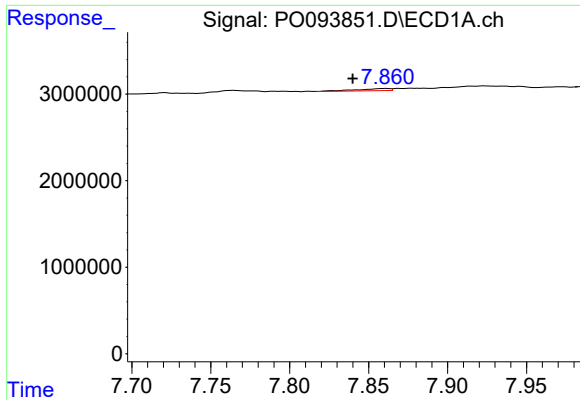
#32 AR-1260-2

R.T.: 7.492 min
Delta R.T.: 0.015 min
Response: 1321572
Conc: 8.26 ng/ml



#32 AR-1260-2

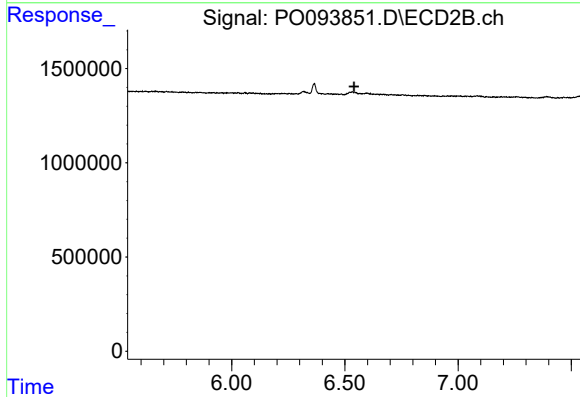
R.T.: 6.365 min
Delta R.T.: -0.022 min
Response: 684527
Conc: 9.43 ng/ml



#33 AR-1260-3

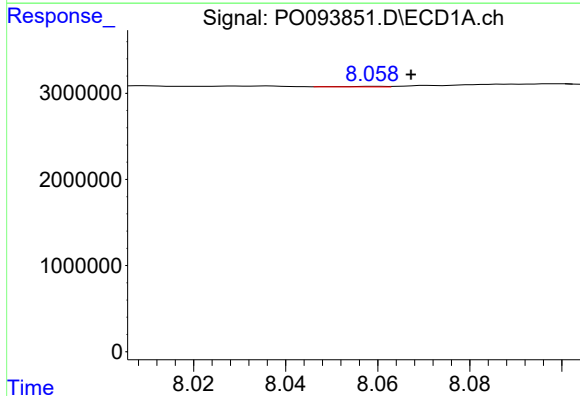
R.T.: 7.861 min
Delta R.T.: 0.021 min
Response: 374958
Conc: 2.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



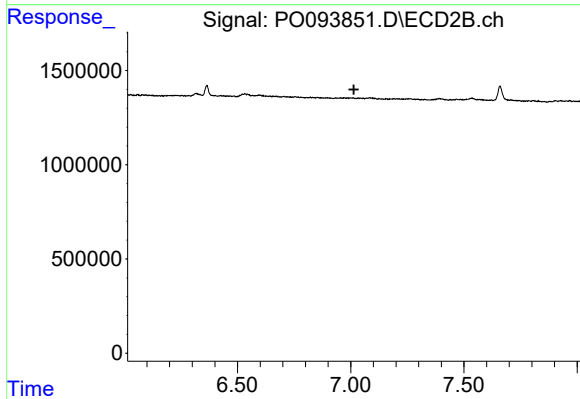
#33 AR-1260-3

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



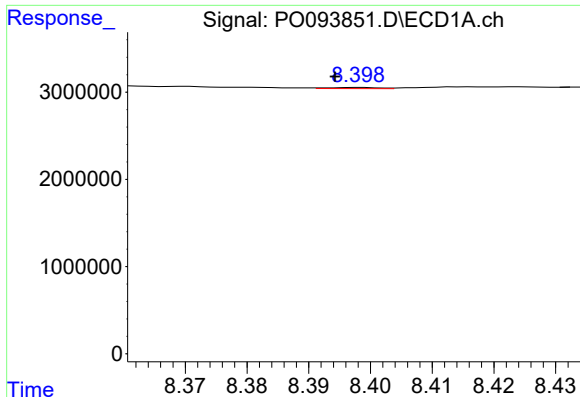
#34 AR-1260-4

R.T.: 8.059 min
Delta R.T.: -0.008 min
Response: 33407
Conc: 0.24 ng/ml



#34 AR-1260-4

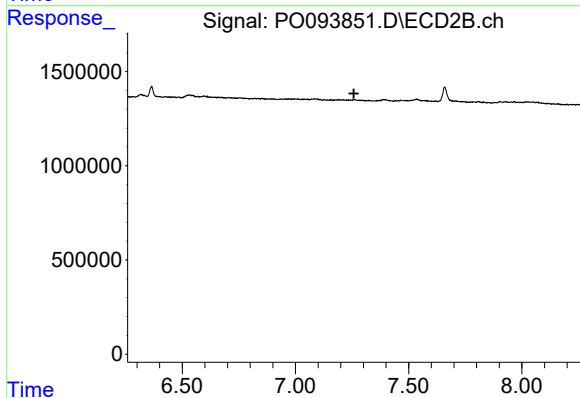
R.T.: 0.000 min
Exp R.T. : 7.014 min
Response: 0
Conc: N.D.



#35 AR-1260-5

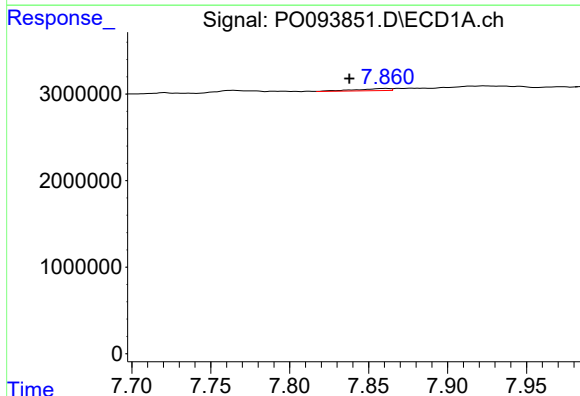
R.T.: 8.398 min
Delta R.T.: 0.004 min
Response: 75652
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



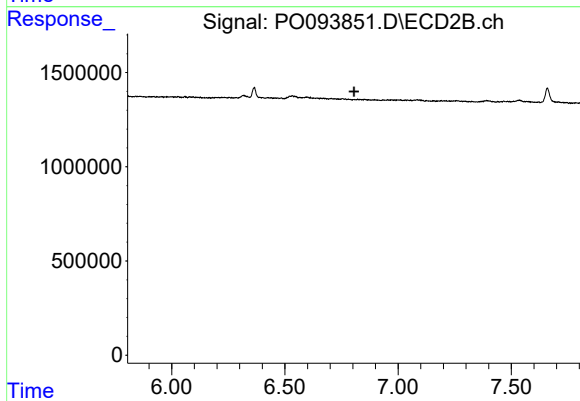
#35 AR-1260-5

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



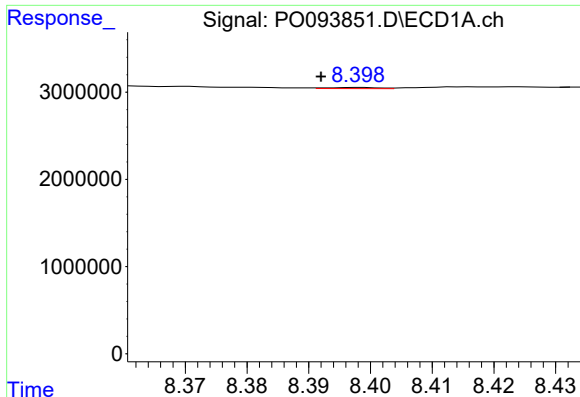
#36 AR-1262-1

R.T.: 7.861 min
Delta R.T.: 0.023 min
Response: 374958
Conc: 2.20 ng/ml



#36 AR-1262-1

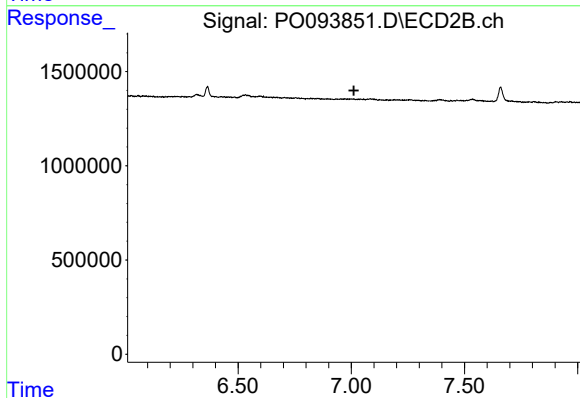
R.T.: 0.000 min
Exp R.T. : 6.805 min
Response: 0
Conc: N.D.



#37 AR-1262-2

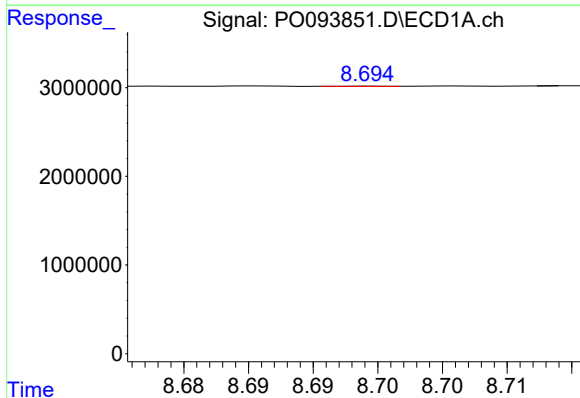
R.T.: 8.398 min
Delta R.T.: 0.006 min
Response: 75652
Conc: 0.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



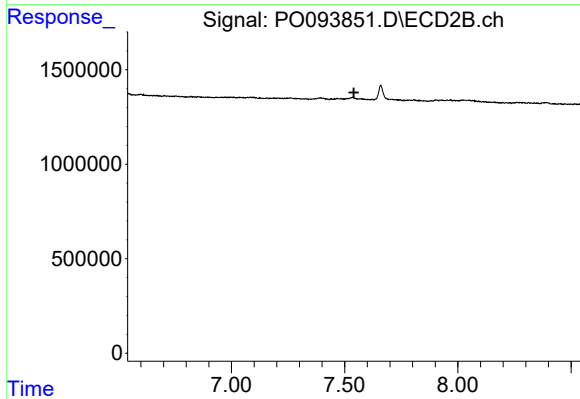
#37 AR-1262-2

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



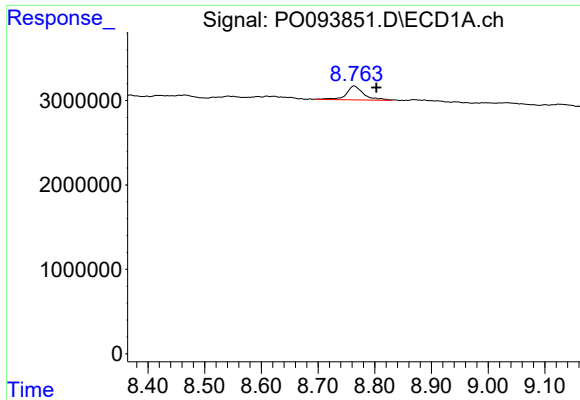
#38 AR-1262-3

R.T.: 8.695 min
Delta R.T.: -0.017 min
Response: 8760
Conc: 0.05 ng/ml



#38 AR-1262-3

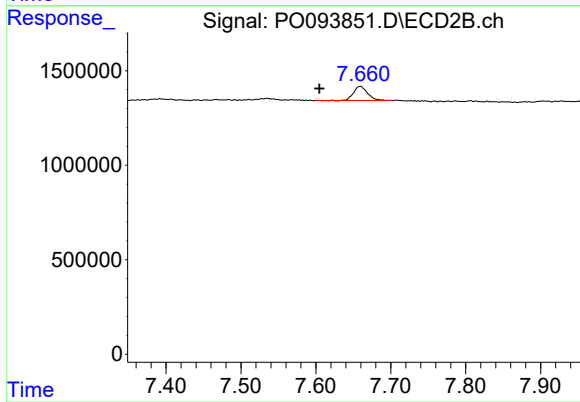
R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#39 AR-1262-4

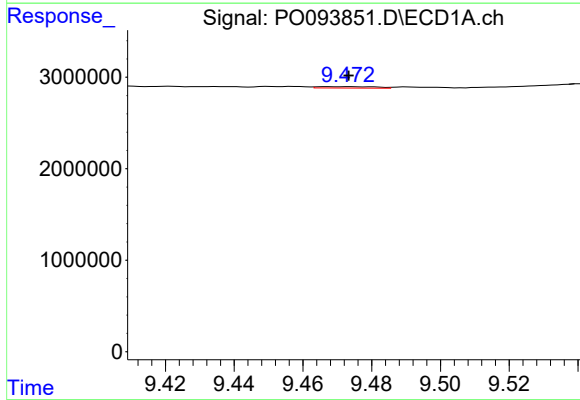
R.T.: 8.764 min
Delta R.T.: -0.039 min
Response: 3541944
Conc: 35.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



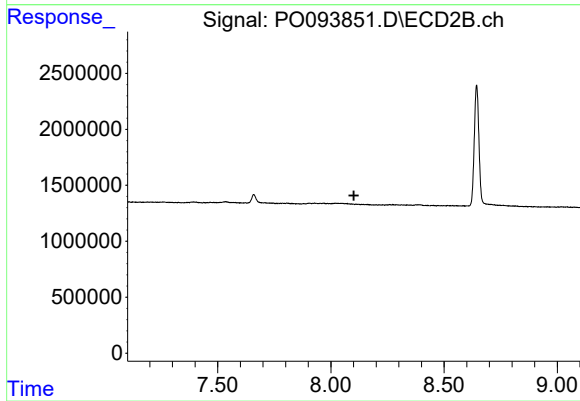
#39 AR-1262-4

R.T.: 7.659 min
Delta R.T.: 0.054 min
Response: 976380
Conc: 11.77 ng/ml



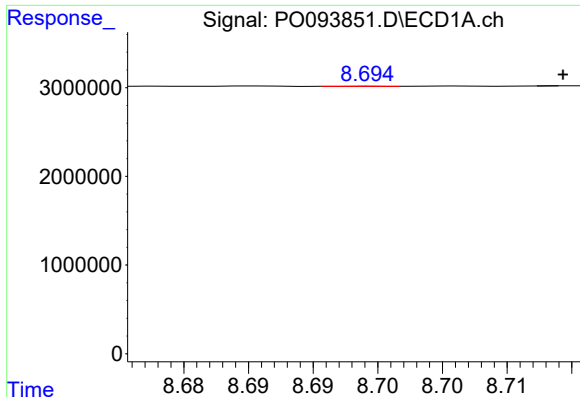
#40 AR-1262-5

R.T.: 9.474 min
Delta R.T.: 0.000 min
Response: 181058
Conc: 2.25 ng/ml



#40 AR-1262-5

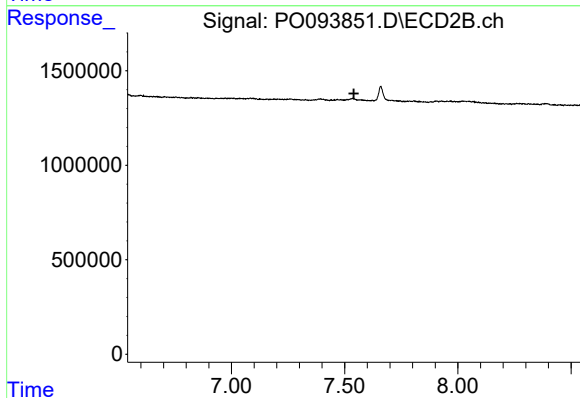
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

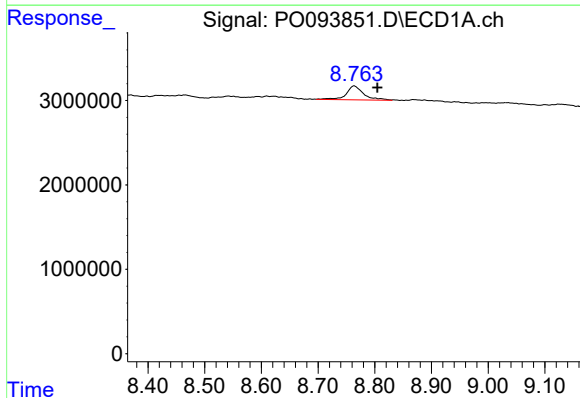
R.T.: 8.695 min
Delta R.T.: -0.015 min
Response: 8760
Conc: 0.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



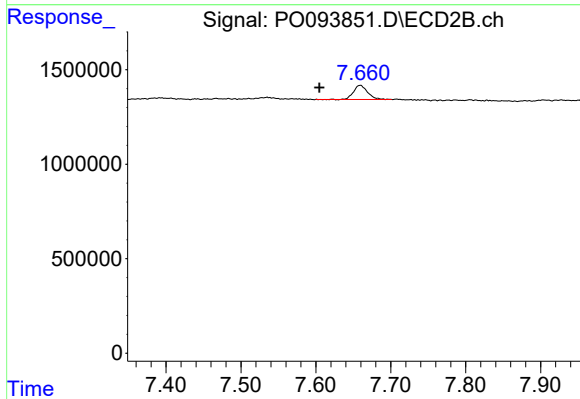
#41 AR-1268-1

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



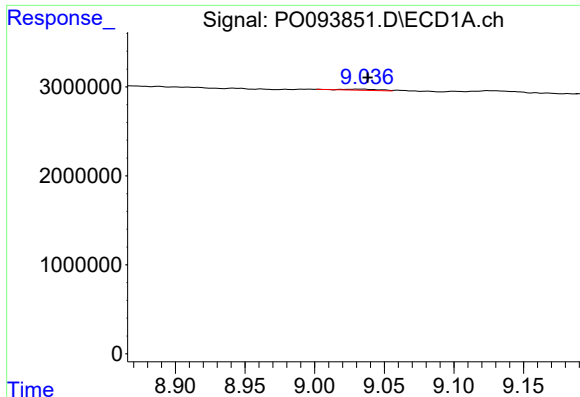
#42 AR-1268-2

R.T.: 8.764 min
Delta R.T.: -0.041 min
Response: 3541944
Conc: 11.01 ng/ml



#42 AR-1268-2

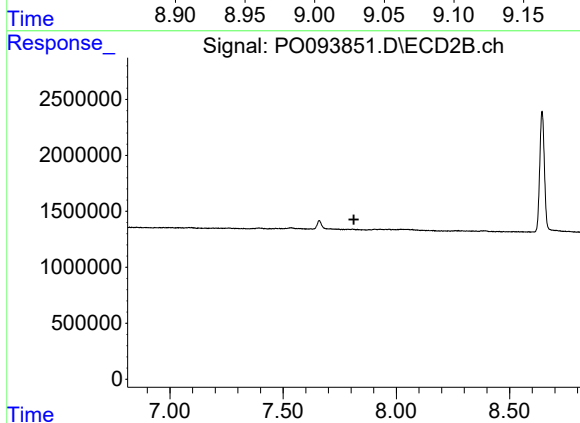
R.T.: 7.659 min
Delta R.T.: 0.054 min
Response: 976380
Conc: 7.19 ng/ml



#43 AR-1268-3

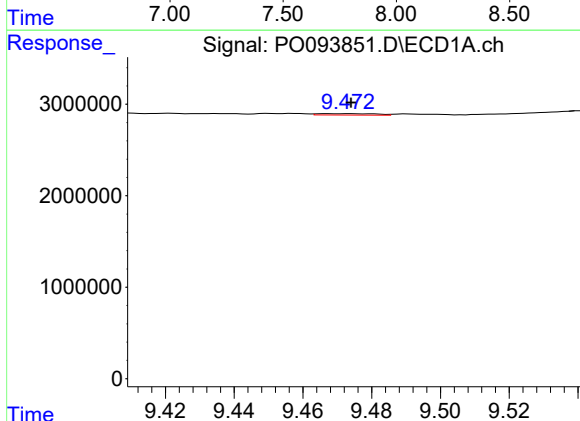
R.T.: 9.030 min
Delta R.T.: -0.008 min
Response: 225603
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



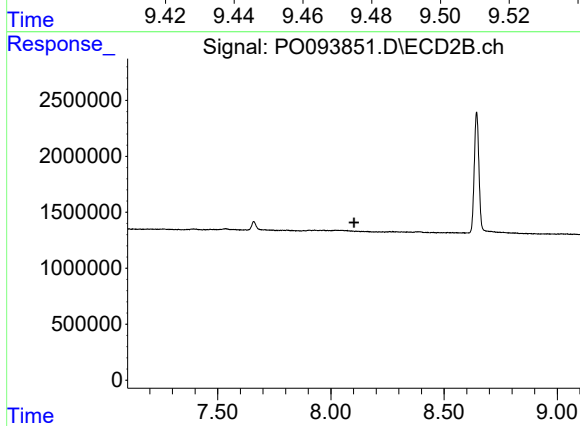
#43 AR-1268-3

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



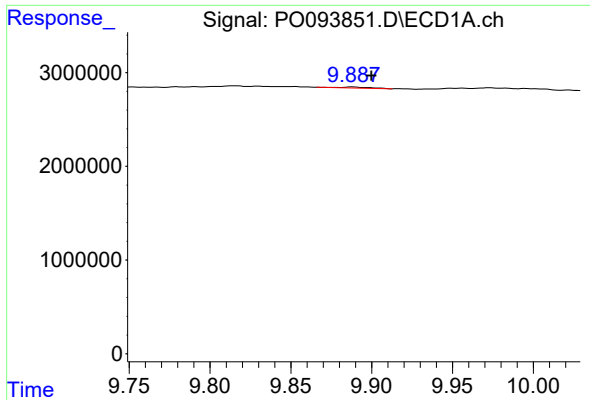
#44 AR-1268-4

R.T.: 9.474 min
Delta R.T.: 0.000 min
Response: 181058
Conc: 1.87 ng/ml



#44 AR-1268-4

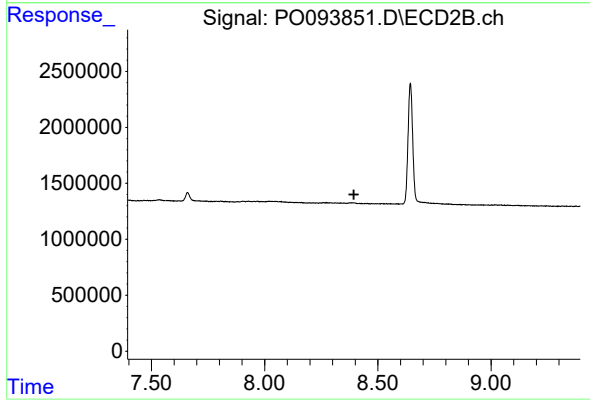
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.888 min
Delta R.T.: -0.012 min
Response: 143539
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

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