

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0032023\
 Data File : P0093354.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2023 13:26
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 17:44:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.424	3.628	66194456	23017136	21.138	20.408
2)	SA Decachlor...	10.252	8.655	51213039	21377872	23.663	21.833
Target Compounds							
3)	L1 AR-1016-1	5.612	0.000	151958	0	1.590	N.D. #
4)	L1 AR-1016-2	5.628	0.000	222024	0	1.555	N.D. #
5)	L1 AR-1016-3	5.701	0.000	78295	0	0.863	N.D. #
6)	L1 AR-1016-4	5.786	0.000	18611	0	0.275	N.D. #
7)	L1 AR-1016-5	6.106	0.000	347914	0	4.647	N.D. #
8)	L2 AR-1221-1	4.632	0.000	13264	0	0.328	N.D. #
9)	L2 AR-1221-2	4.732	3.928	948515	295202	31.299	27.031
10)	L2 AR-1221-3	4.798	0.000	135193	0	1.479	N.D. #
11)	L3 AR-1232-1	4.798	0.000	135193	0	1.852	N.D. #
12)	L3 AR-1232-2	5.330	0.000	79494	0	2.211	N.D. #
13)	L3 AR-1232-3	5.628	0.000	222024	0	3.392	N.D. #
14)	L3 AR-1232-4	5.786	0.000	18611	0	0.608	N.D. #
15)	L3 AR-1232-5	5.882	0.000	387605	0	13.968	N.D. #
16)	L4 AR-1242-1	5.612	0.000	151958	0	1.854	N.D. #
17)	L4 AR-1242-2	5.628	0.000	222024	0	1.850	N.D. #
18)	L4 AR-1242-3	5.701	0.000	78295	0	1.020	N.D. #
19)	L4 AR-1242-4	5.786	0.000	18611	0	0.325	N.D. #
20)	L4 AR-1242-5	6.521	0.000	309132	0	4.947	N.D. #
21)	L5 AR-1248-1	5.612	0.000	151958	0	2.444	N.D. #
22)	L5 AR-1248-2	5.882	0.000	387605	0	4.058	N.D. #
23)	L5 AR-1248-3	6.106	0.000	347914	0	3.343	N.D. #
24)	L5 AR-1248-4	6.503	0.000	849249	0	8.340	N.D. #
25)	L5 AR-1248-5	6.521	0.000	309132	0	3.020	N.D. #
26)	L6 AR-1254-1	6.503	0.000	849249	0	7.267	N.D. #
27)	L6 AR-1254-2	6.690	0.000	86767	0	0.508	N.D. #
28)	L6 AR-1254-3	7.057	0.000	619502	0	3.727	N.D. #
29)	L6 AR-1254-4	7.358	0.000	105581	0	0.990	N.D. #
30)	L6 AR-1254-5	7.779	0.000	1456181	0	10.754	N.D. #
31)	L7 AR-1260-1	7.175f	0.000	411705	0	3.178	N.D. #
32)	L7 AR-1260-2	7.495	0.000	276428	0	1.872	N.D. #
33)	L7 AR-1260-3	7.838	0.000	106461	0	0.946	N.D. #
34)	L7 AR-1260-4	8.105	0.000	1719311	0	13.407	N.D. #
35)	L7 AR-1260-5	8.387	0.000	360784	0	1.615	N.D. #
36)	L8 AR-1262-1	7.779	0.000	1456181	0	14.649	N.D. #
37)	L8 AR-1262-2	8.387	0.000	360784	0	1.520	N.D. #
38)	L8 AR-1262-3	8.731	0.000	105183	0	0.623	N.D. #
39)	L8 AR-1262-4	8.809	0.000	236450	0	2.640	N.D. #
40)	L8 AR-1262-5	9.499	0.000	82119	0	0.860	N.D. #
41)	L9 AR-1268-1	8.711	7.502f	117457	156305	0.368	0.999 #

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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	8.809	0.000	236450	0	0.814	N.D.	#
43)	L9 AR-1268-3	9.041	0.000	228084	0	0.894	N.D.	#
44)	L9 AR-1268-4	9.499	0.000	82119	0	0.769	N.D.	#
45)	L9 AR-1268-5	9.902	0.000	42320	0	0.053	N.D.	#

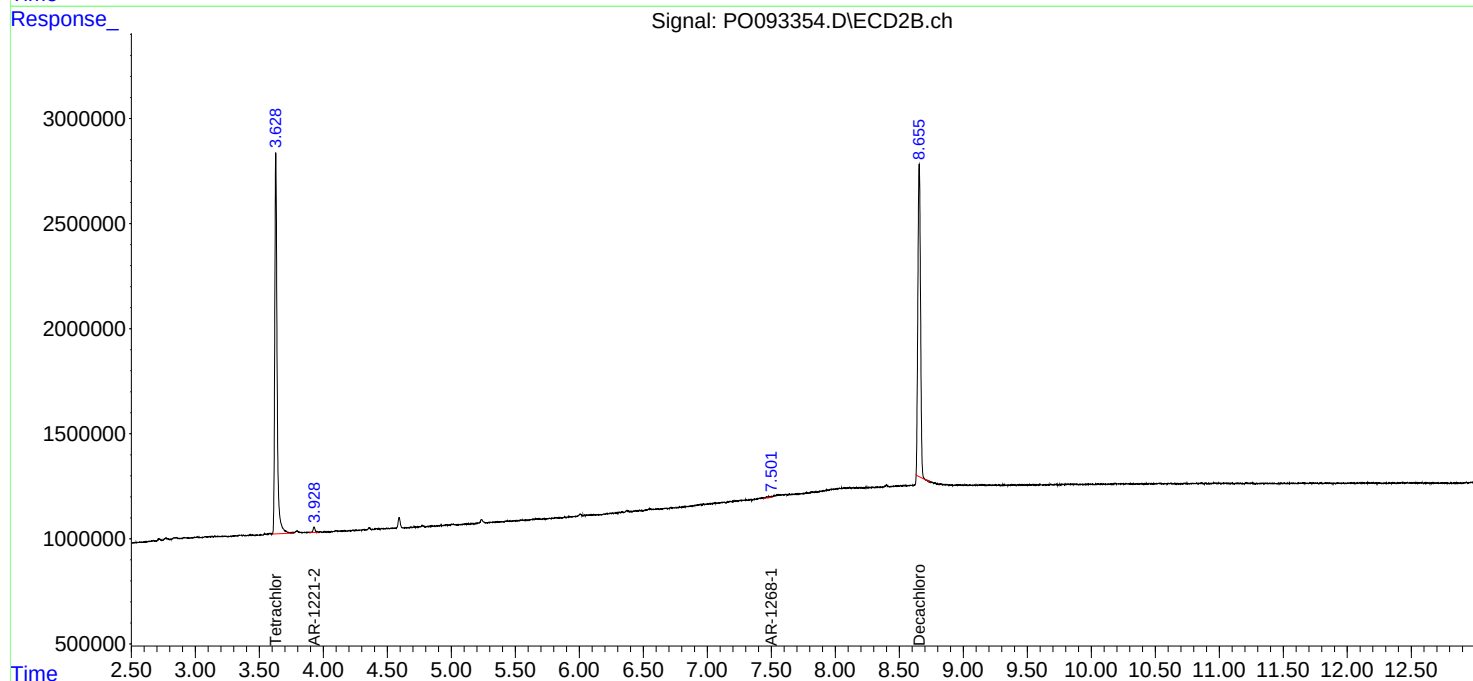
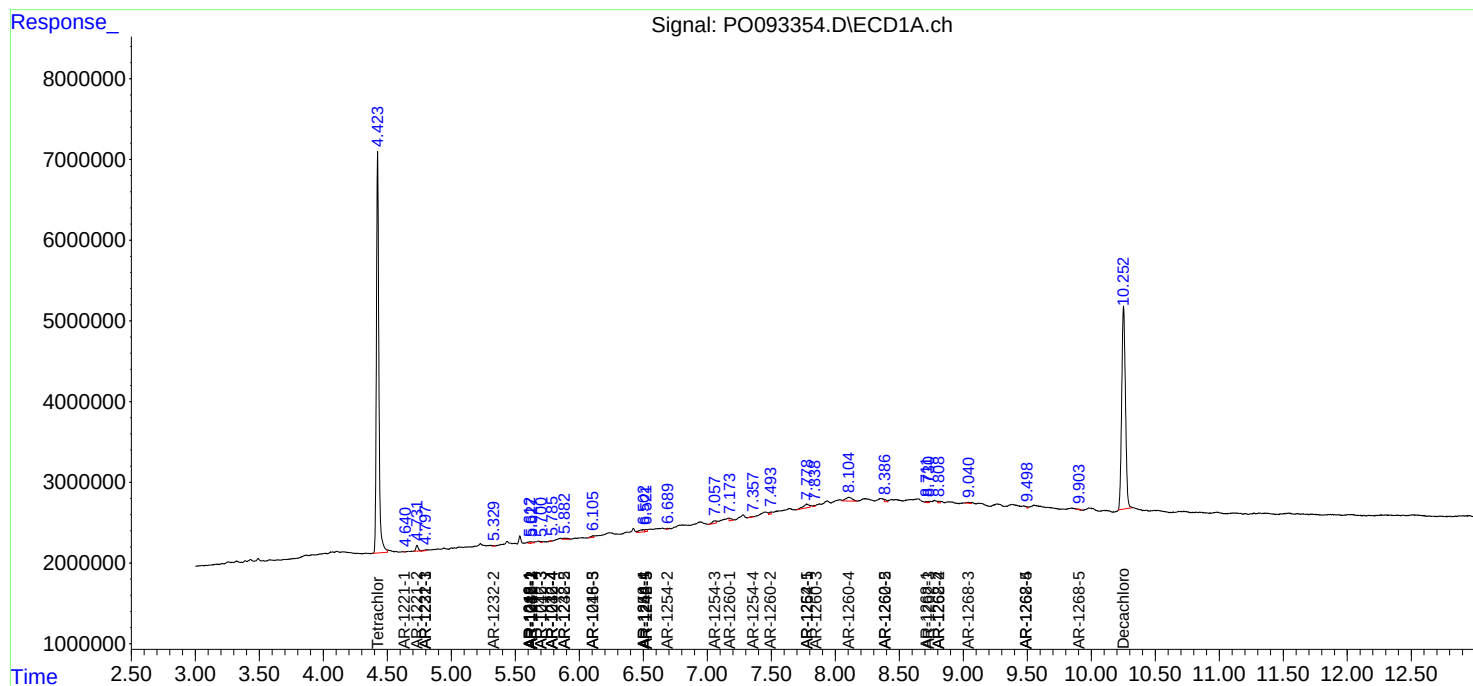
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

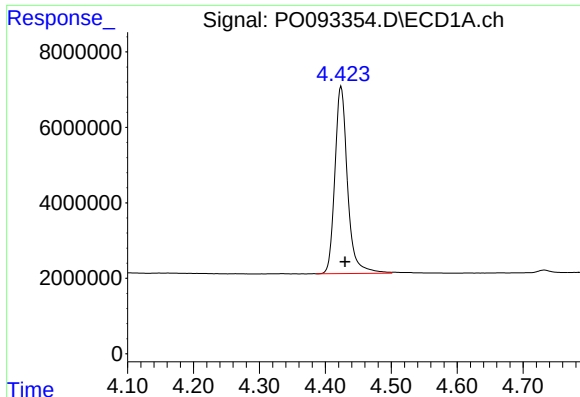
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Quant Time: Mar 20 17:44:36 2023
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QLast Update : Tue Mar 14 05:32:59 2023
Response via : Initial Calibration
Integrator: ChemStation

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

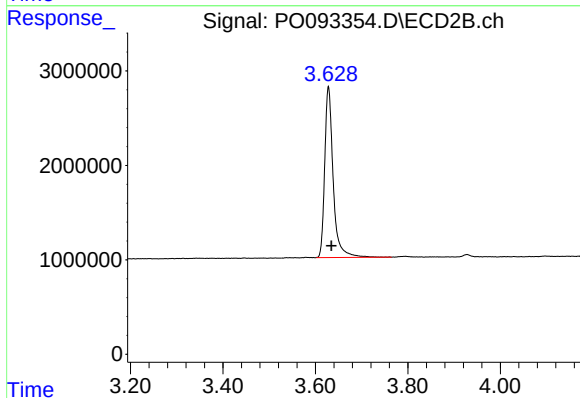




#1 Tetrachloro-m-xylene

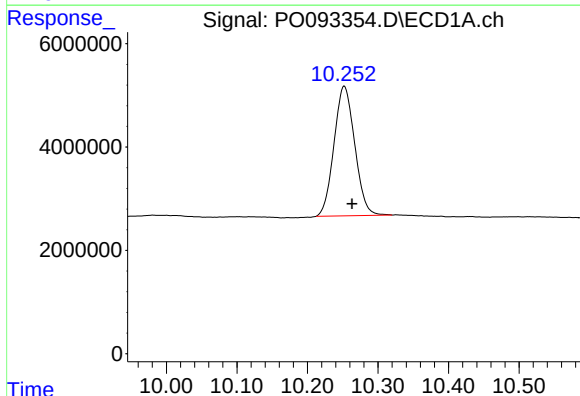
R.T.: 4.424 min
Delta R.T.: -0.006 min
Response: 66194456
Conc: 21.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



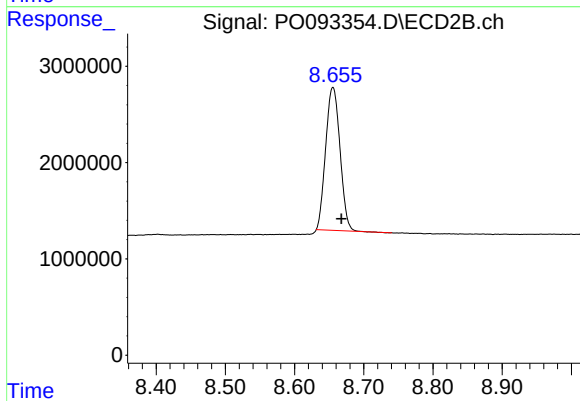
#1 Tetrachloro-m-xylene

R.T.: 3.628 min
Delta R.T.: -0.007 min
Response: 23017136
Conc: 20.41 ng/ml



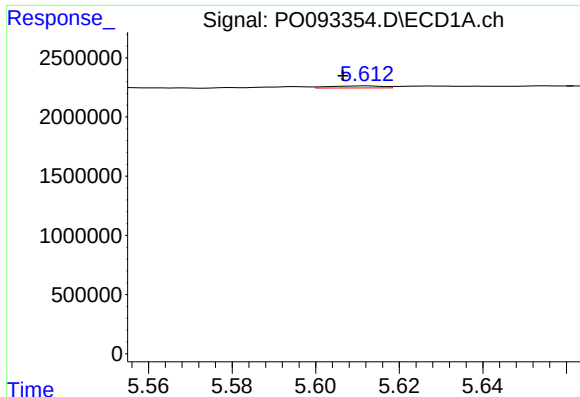
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.011 min
Response: 51213039
Conc: 23.66 ng/ml



#2 Decachlorobiphenyl

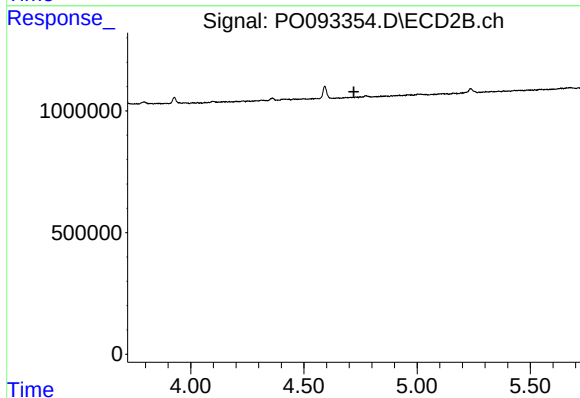
R.T.: 8.655 min
Delta R.T.: -0.013 min
Response: 21377872
Conc: 21.83 ng/ml



#3 AR-1016-1

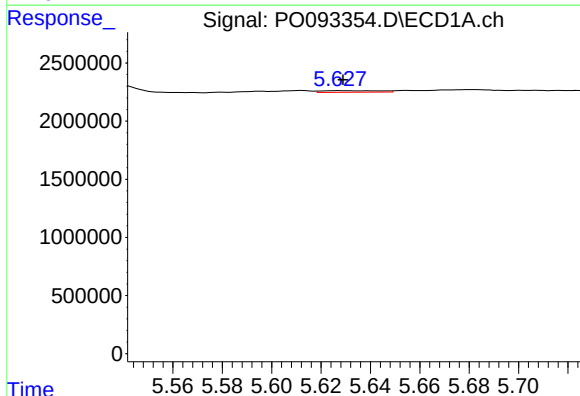
R.T.: 5.612 min
Delta R.T.: 0.006 min
Response: 151958
Conc: 1.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



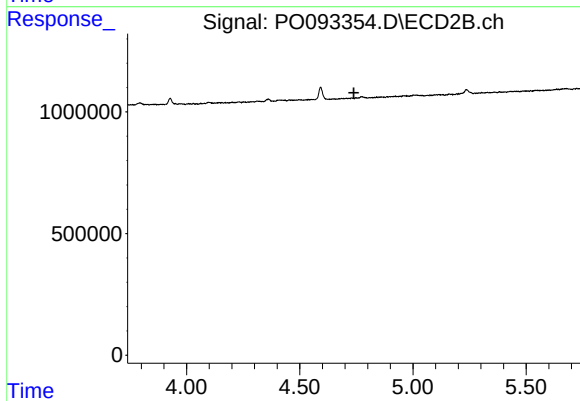
#3 AR-1016-1

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



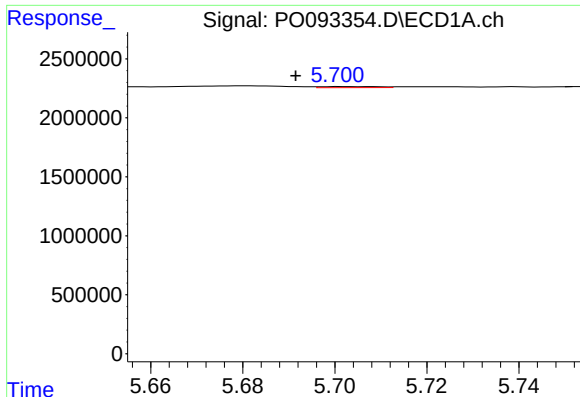
#4 AR-1016-2

R.T.: 5.628 min
Delta R.T.: -0.001 min
Response: 222024
Conc: 1.55 ng/ml



#4 AR-1016-2

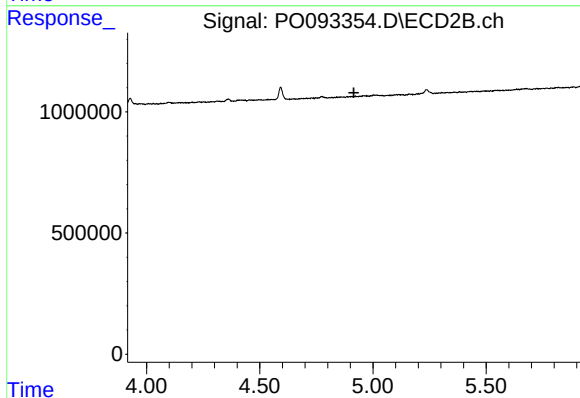
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#5 AR-1016-3

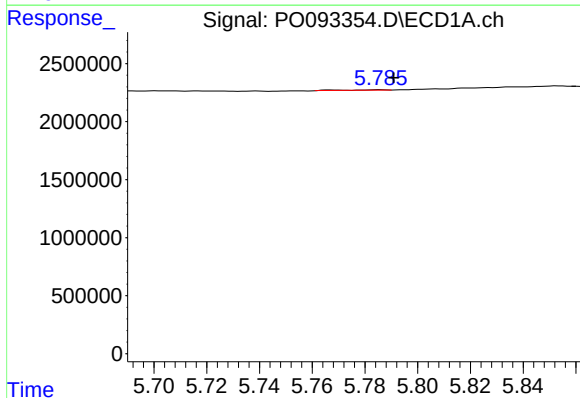
R.T.: 5.701 min
Delta R.T.: 0.010 min
Response: 78295
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



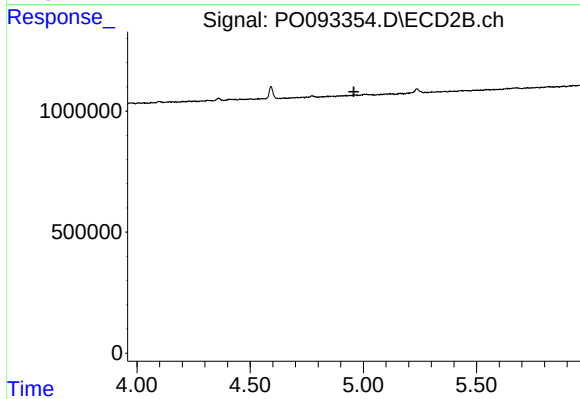
#5 AR-1016-3

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



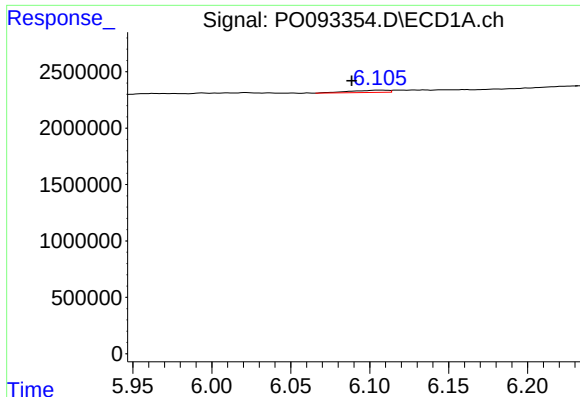
#6 AR-1016-4

R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 18611
Conc: 0.27 ng/ml



#6 AR-1016-4

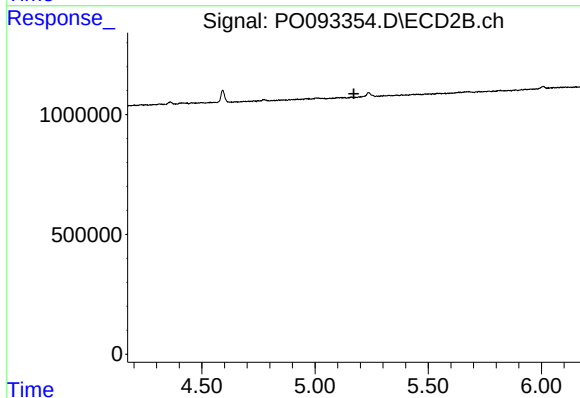
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#7 AR-1016-5

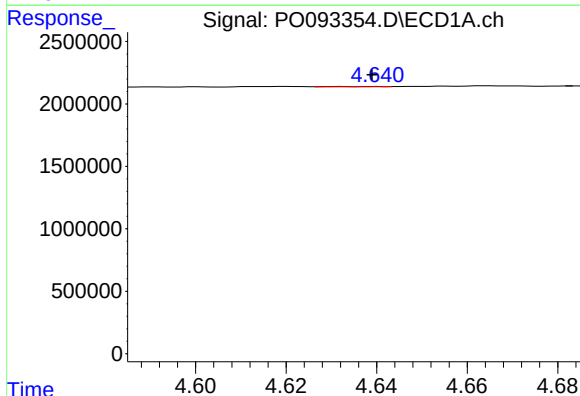
R.T.: 6.106 min
Delta R.T.: 0.017 min
Response: 347914
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



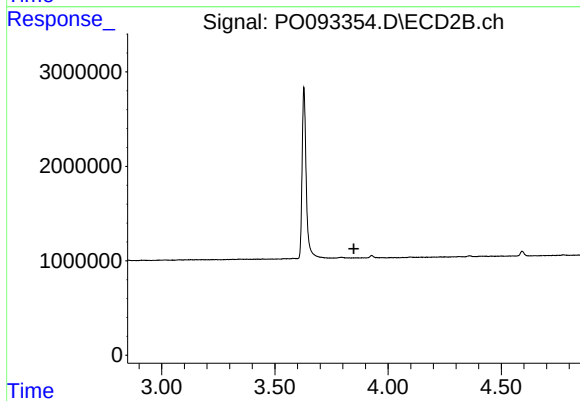
#7 AR-1016-5

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



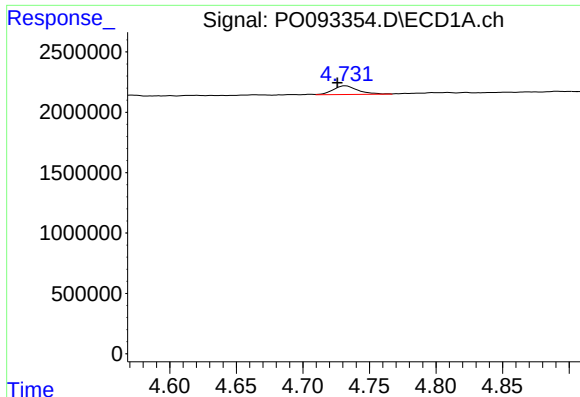
#8 AR-1221-1

R.T.: 4.632 min
Delta R.T.: -0.007 min
Response: 13264
Conc: 0.33 ng/ml



#8 AR-1221-1

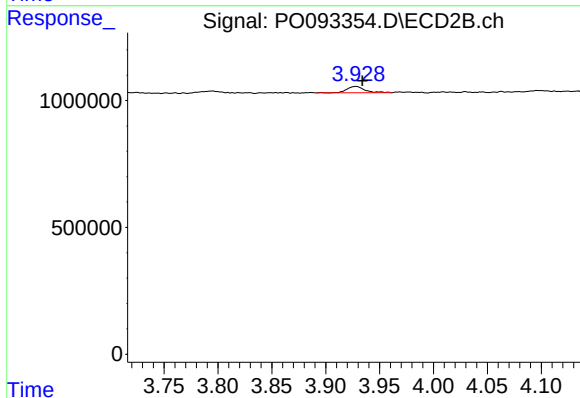
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

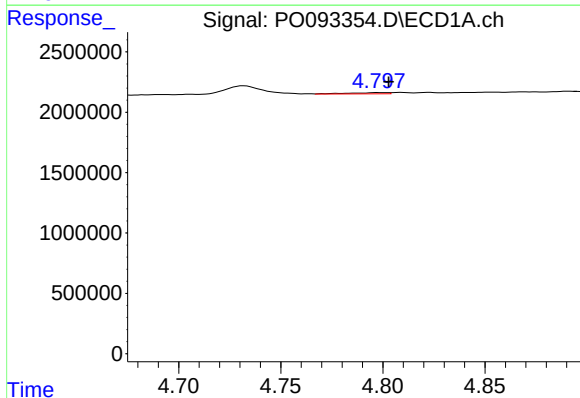
R.T.: 4.732 min
Delta R.T.: 0.006 min
Response: 948515
Conc: 31.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



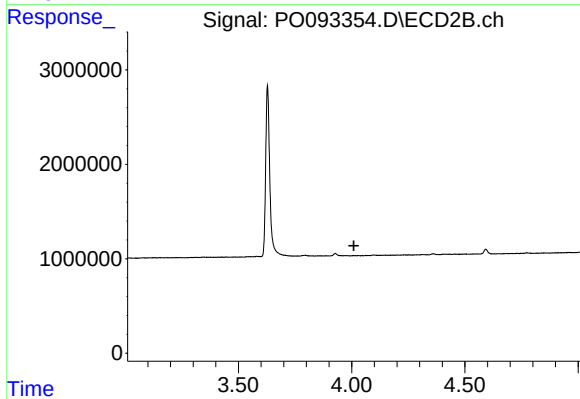
#9 AR-1221-2

R.T.: 3.928 min
Delta R.T.: -0.006 min
Response: 295202
Conc: 27.03 ng/ml



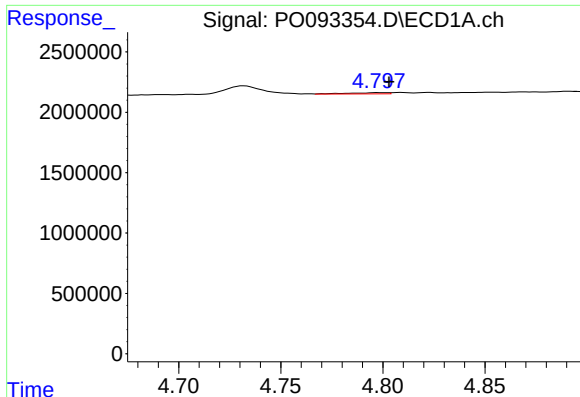
#10 AR-1221-3

R.T.: 4.798 min
Delta R.T.: -0.005 min
Response: 135193
Conc: 1.48 ng/ml



#10 AR-1221-3

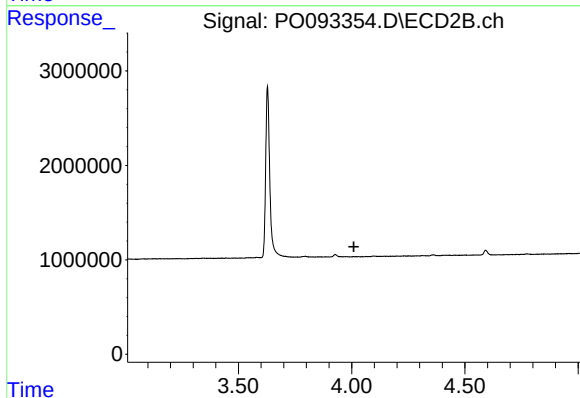
R.T.: 0.000 min
Exp R.T.: 4.010 min
Response: 0
Conc: N.D.



#11 AR-1232-1

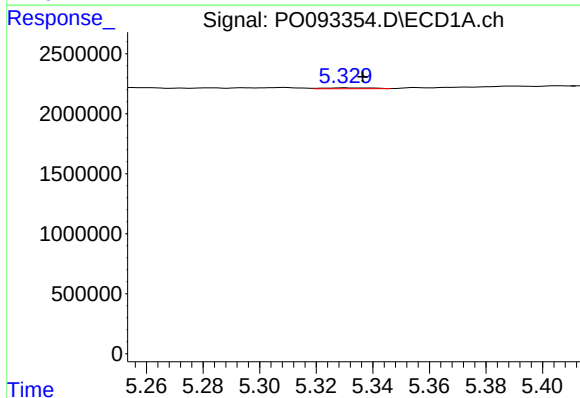
R.T.: 4.798 min
Delta R.T.: -0.005 min
Response: 135193
Conc: 1.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



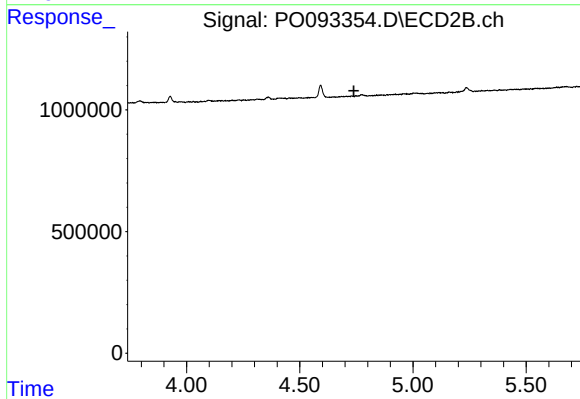
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



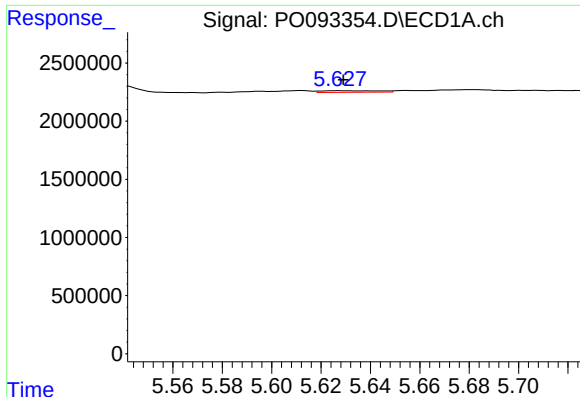
#12 AR-1232-2

R.T.: 5.330 min
Delta R.T.: -0.006 min
Response: 79494
Conc: 2.21 ng/ml



#12 AR-1232-2

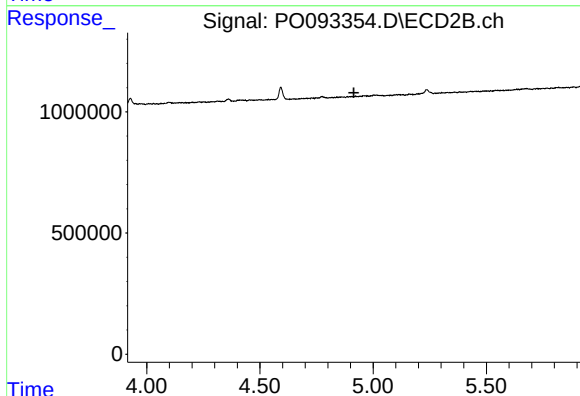
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#13 AR-1232-3

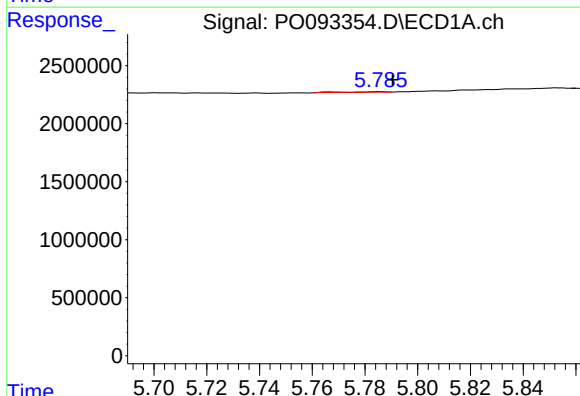
R.T.: 5.628 min
Delta R.T.: -0.001 min
Response: 222024
Conc: 3.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



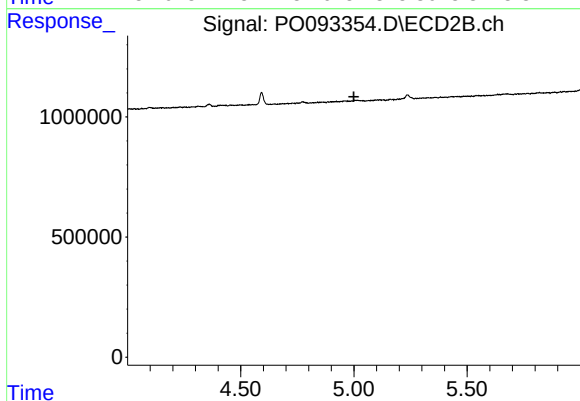
#13 AR-1232-3

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



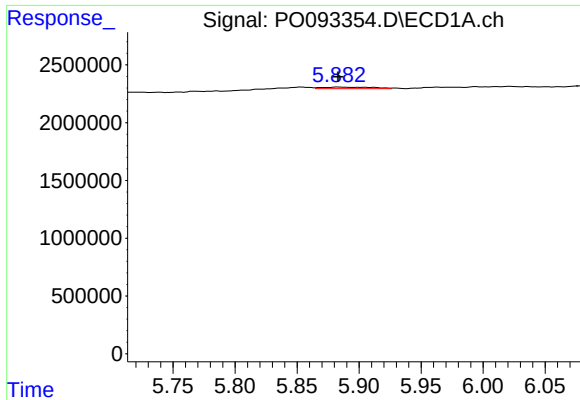
#14 AR-1232-4

R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 18611
Conc: 0.61 ng/ml



#14 AR-1232-4

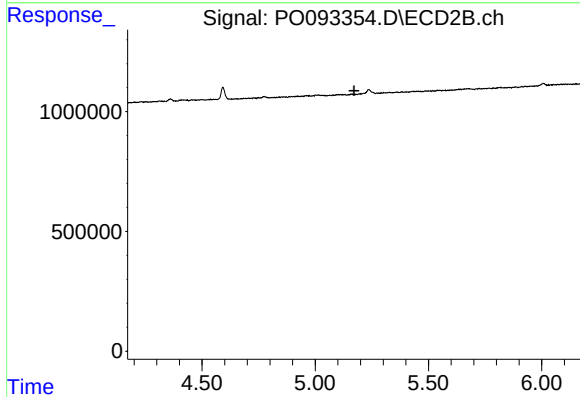
R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



#15 AR-1232-5

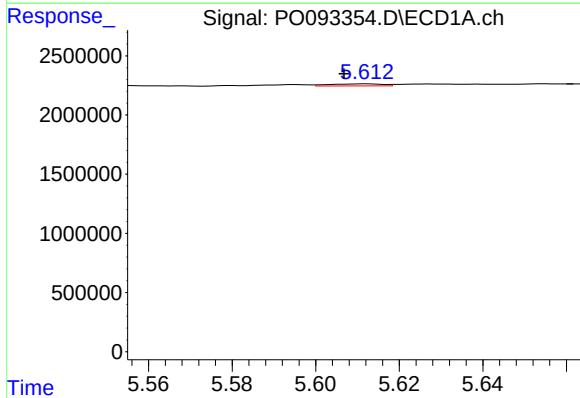
R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 387605
Conc: 13.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



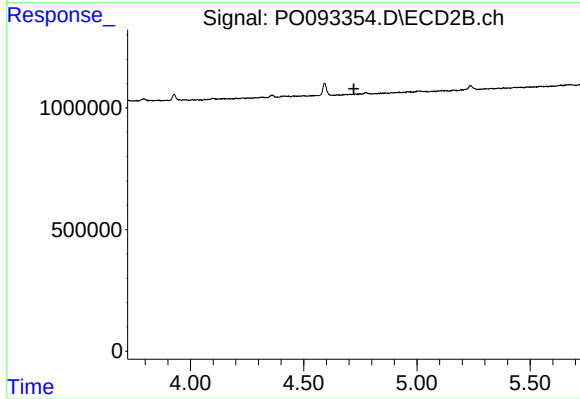
#15 AR-1232-5

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



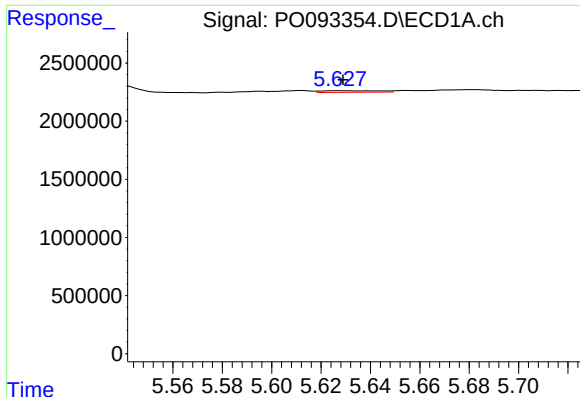
#16 AR-1242-1

R.T.: 5.612 min
Delta R.T.: 0.005 min
Response: 151958
Conc: 1.85 ng/ml



#16 AR-1242-1

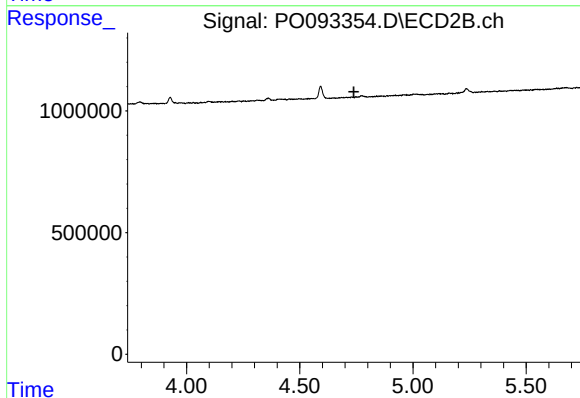
R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



#17 AR-1242-2

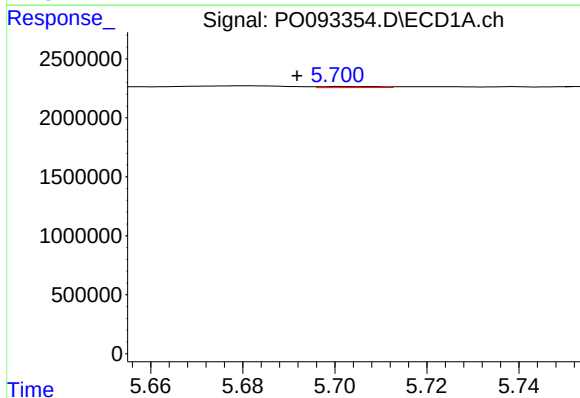
R.T.: 5.628 min
Delta R.T.: -0.001 min
Response: 222024
Conc: 1.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



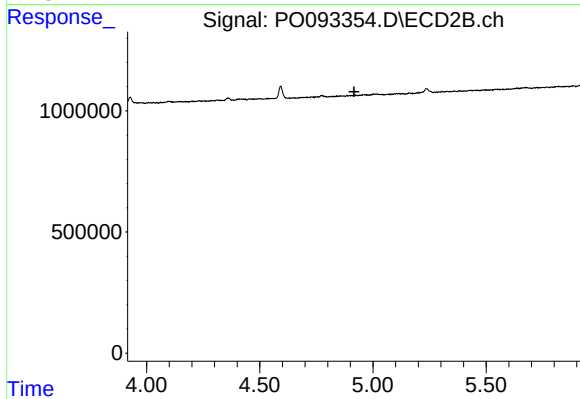
#17 AR-1242-2

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



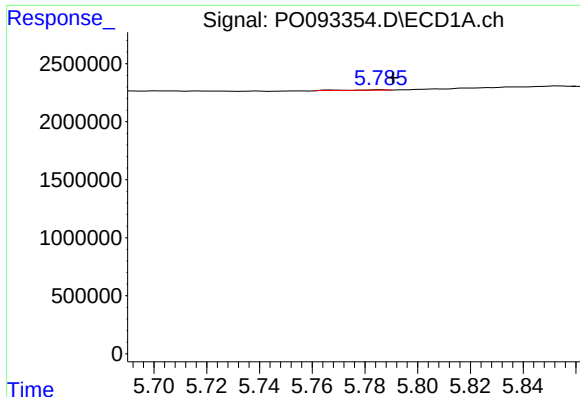
#18 AR-1242-3

R.T.: 5.701 min
Delta R.T.: 0.009 min
Response: 78295
Conc: 1.02 ng/ml



#18 AR-1242-3

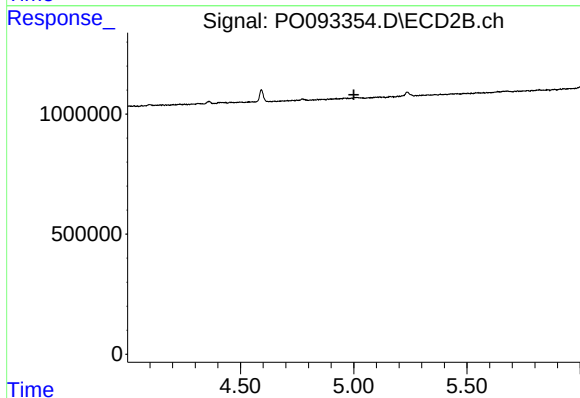
R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



#19 AR-1242-4

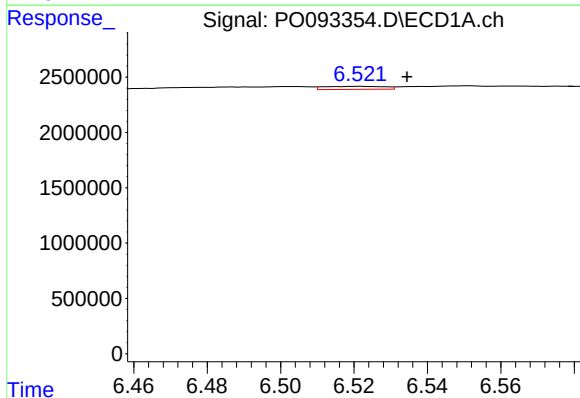
R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 18611
Conc: 0.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



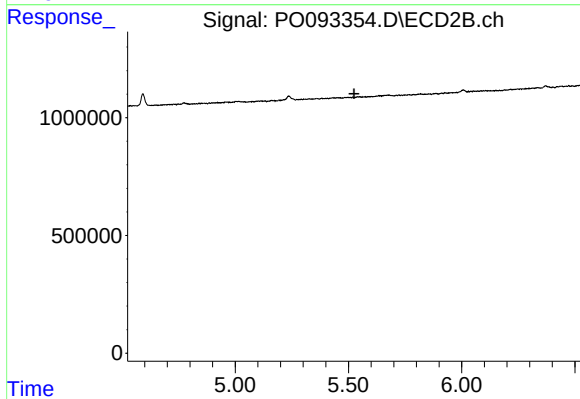
#19 AR-1242-4

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



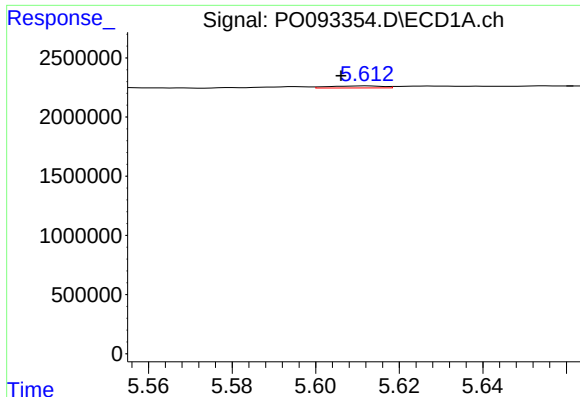
#20 AR-1242-5

R.T.: 6.521 min
Delta R.T.: -0.013 min
Response: 309132
Conc: 4.95 ng/ml



#20 AR-1242-5

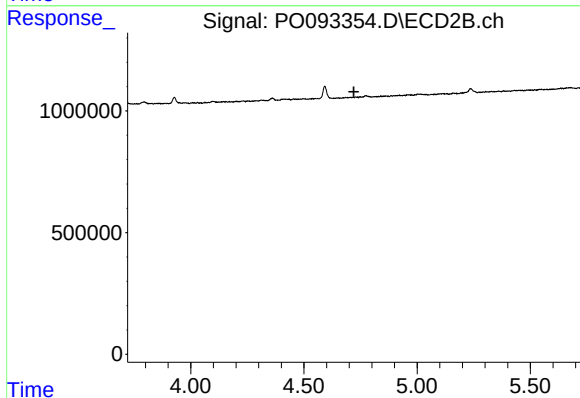
R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



#21 AR-1248-1

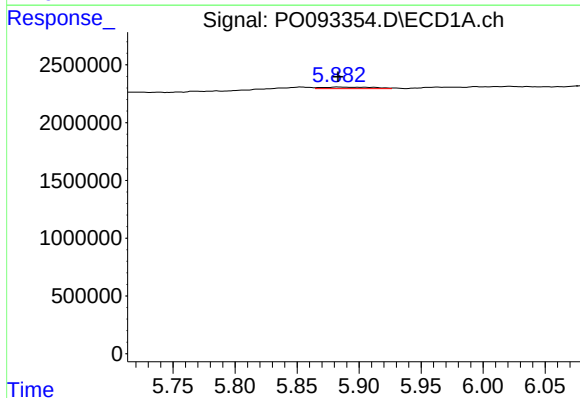
R.T.: 5.612 min
Delta R.T.: 0.006 min
Response: 151958
Conc: 2.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



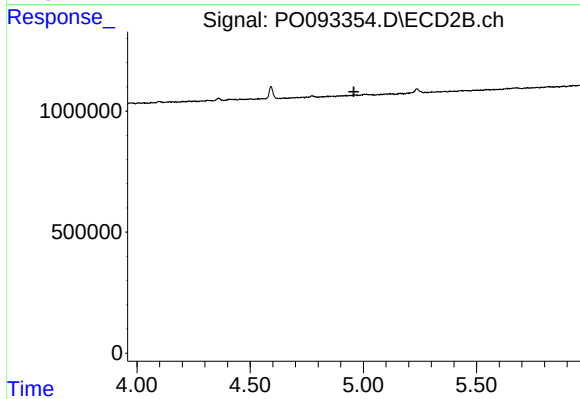
#21 AR-1248-1

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



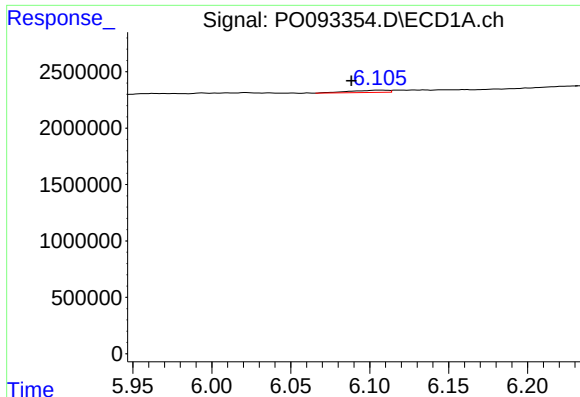
#22 AR-1248-2

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 387605
Conc: 4.06 ng/ml



#22 AR-1248-2

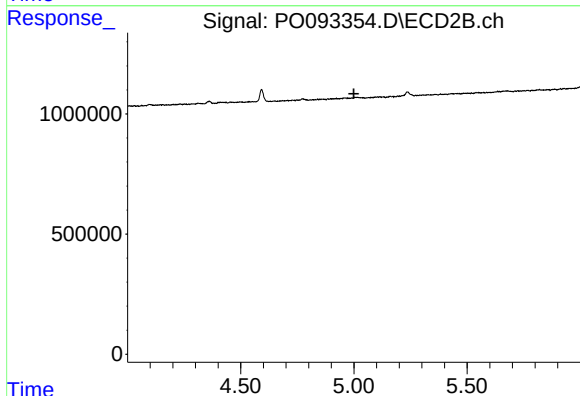
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#23 AR-1248-3

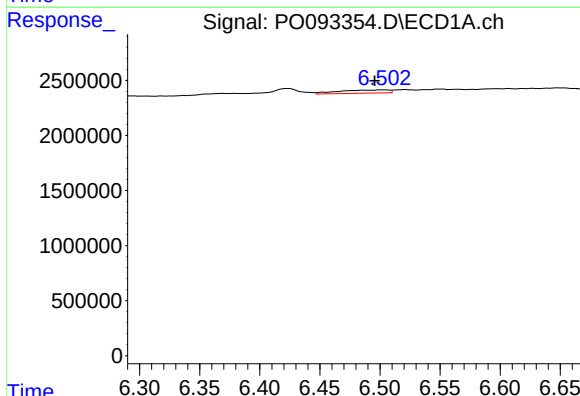
R.T.: 6.106 min
Delta R.T.: 0.018 min
Response: 347914
Conc: 3.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



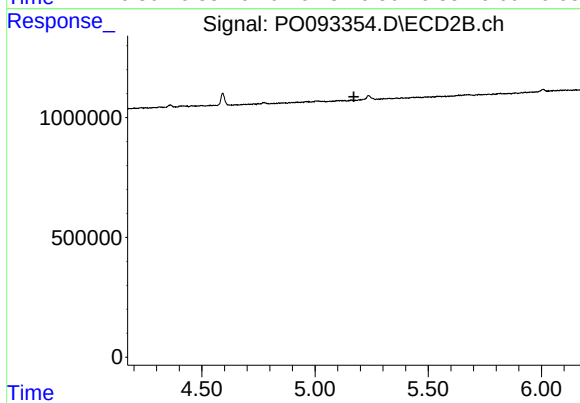
#23 AR-1248-3

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



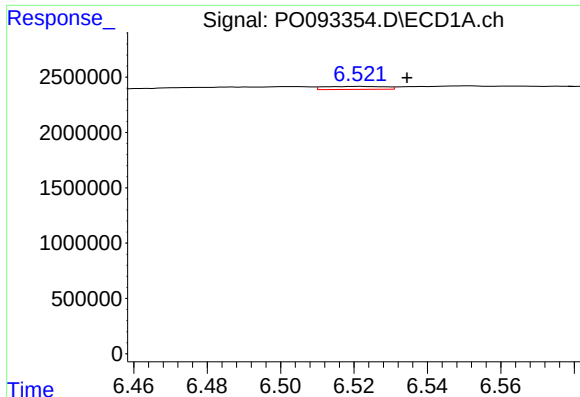
#24 AR-1248-4

R.T.: 6.503 min
Delta R.T.: 0.007 min
Response: 849249
Conc: 8.34 ng/ml



#24 AR-1248-4

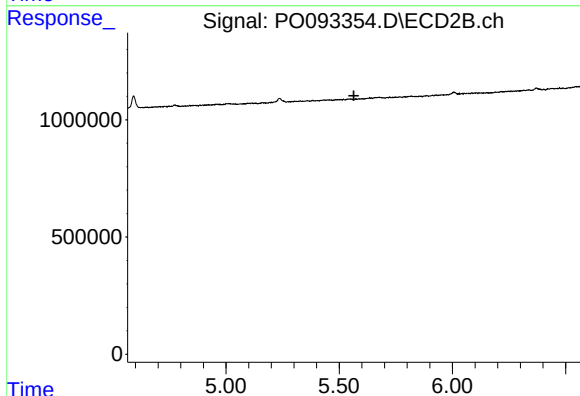
R.T.: 0.000 min
Exp R.T. : 5.172 min
Response: 0
Conc: N.D.



#25 AR-1248-5

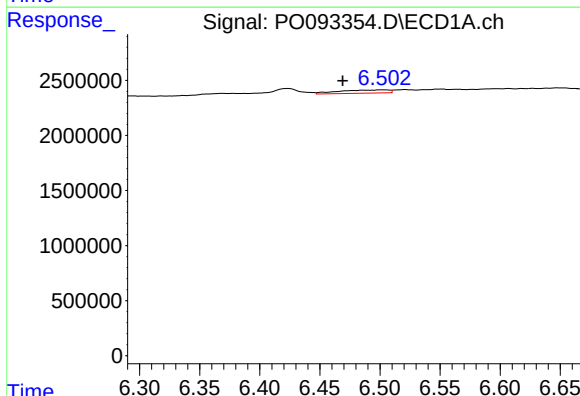
R.T.: 6.521 min
Delta R.T.: -0.013 min
Response: 309132
Conc: 3.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



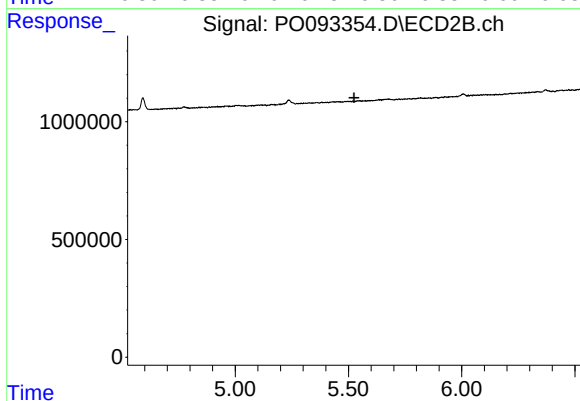
#25 AR-1248-5

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



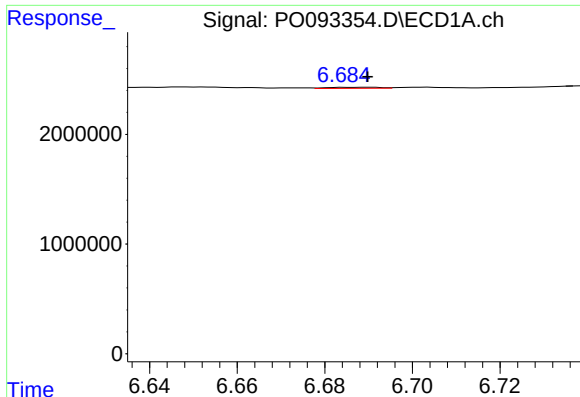
#26 AR-1254-1

R.T.: 6.503 min
Delta R.T.: 0.034 min
Response: 849249
Conc: 7.27 ng/ml



#26 AR-1254-1

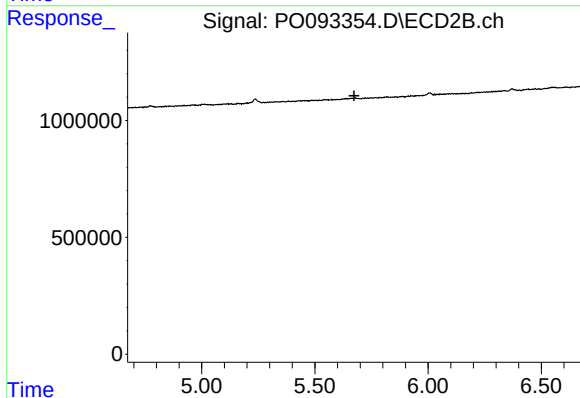
R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



#27 AR-1254-2

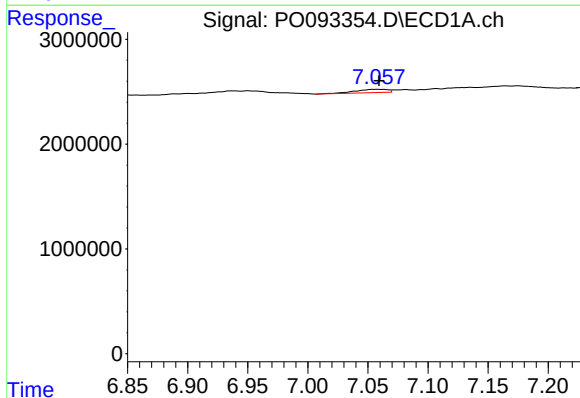
R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 86767
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



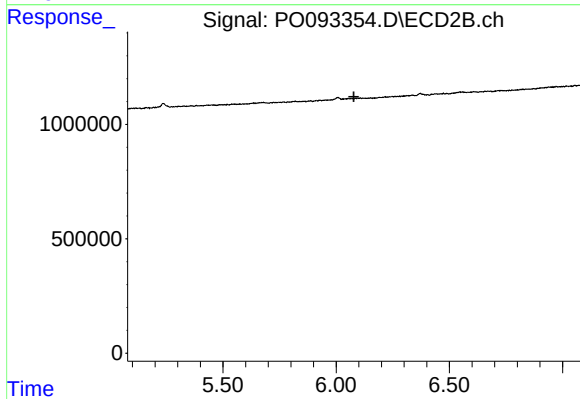
#27 AR-1254-2

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



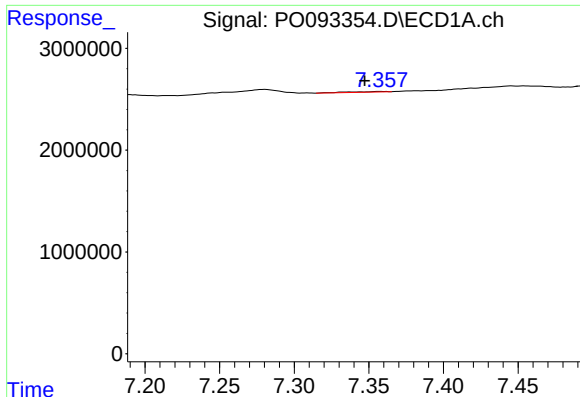
#28 AR-1254-3

R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 619502
Conc: 3.73 ng/ml



#28 AR-1254-3

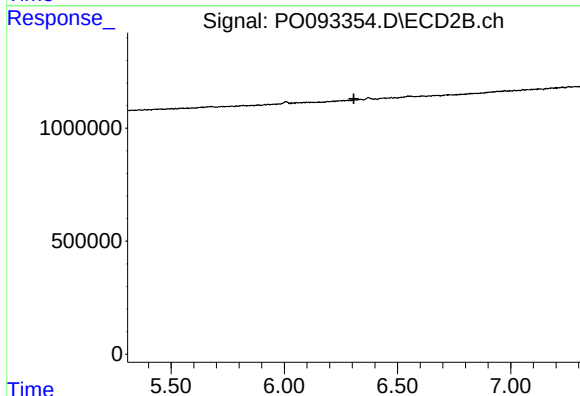
R.T.: 0.000 min
Exp R.T. : 6.078 min
Response: 0
Conc: N.D.



#29 AR-1254-4

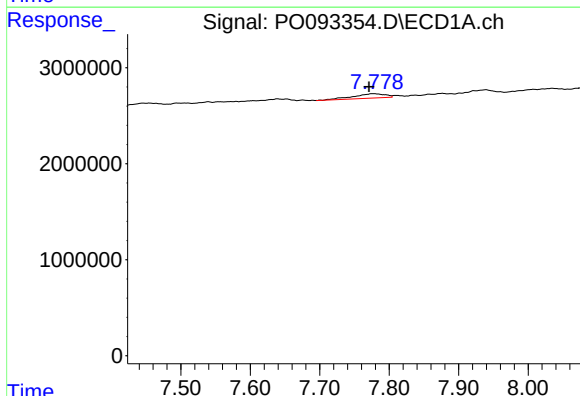
R.T.: 7.358 min
Delta R.T.: 0.010 min
Response: 105581
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



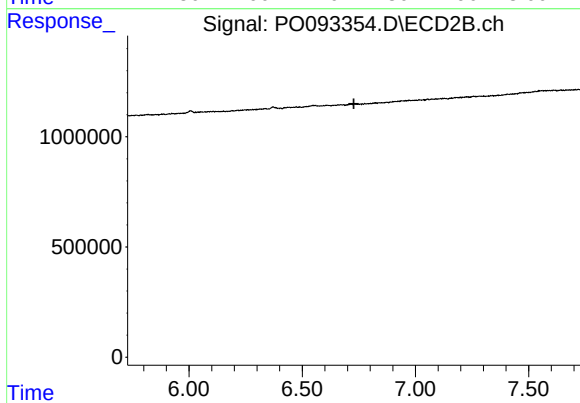
#29 AR-1254-4

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



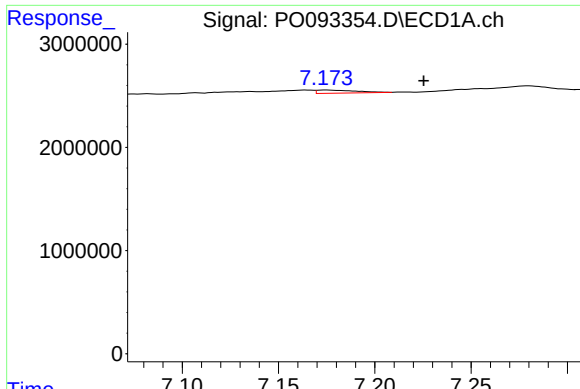
#30 AR-1254-5

R.T.: 7.779 min
Delta R.T.: 0.008 min
Response: 1456181
Conc: 10.75 ng/ml



#30 AR-1254-5

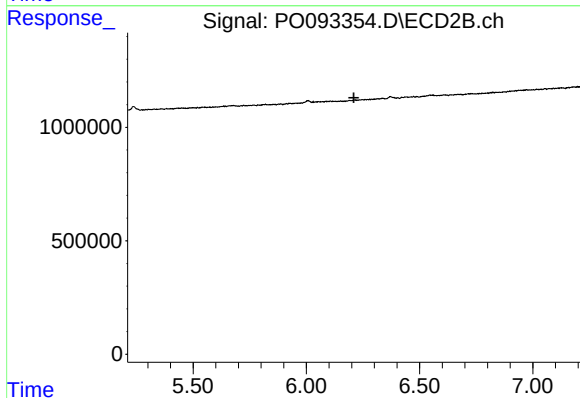
R.T.: 0.000 min
Exp R.T. : 6.728 min
Response: 0
Conc: N.D.



#31 AR-1260-1

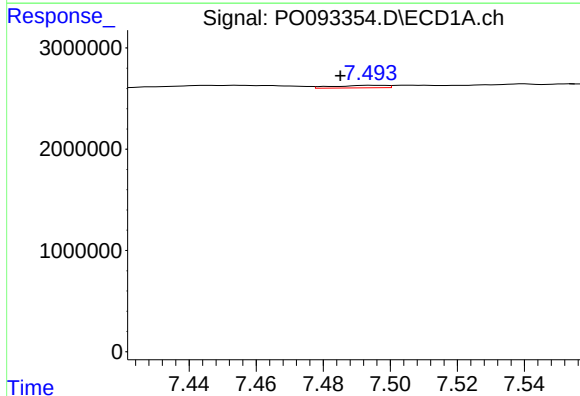
R.T.: 7.175 min
Delta R.T.: -0.051 min
Response: 411705
Conc: 3.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



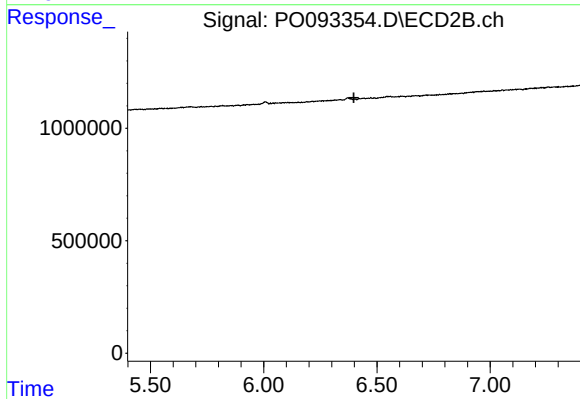
#31 AR-1260-1

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



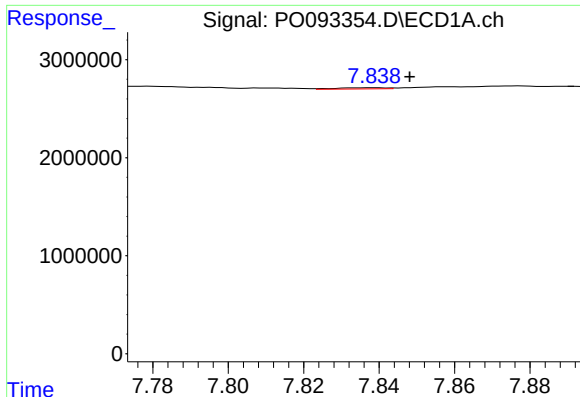
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: 0.010 min
Response: 276428
Conc: 1.87 ng/ml



#32 AR-1260-2

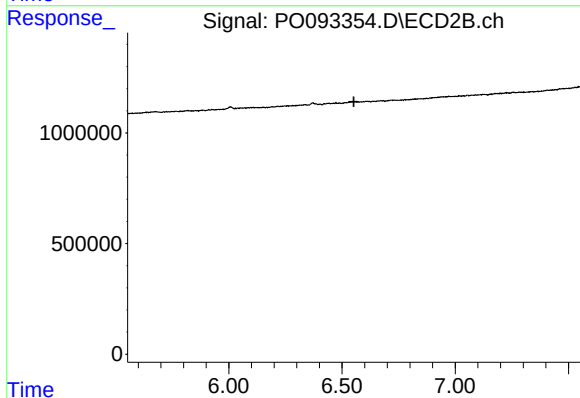
R.T.: 0.000 min
Exp R.T. : 6.398 min
Response: 0
Conc: N.D.



#33 AR-1260-3

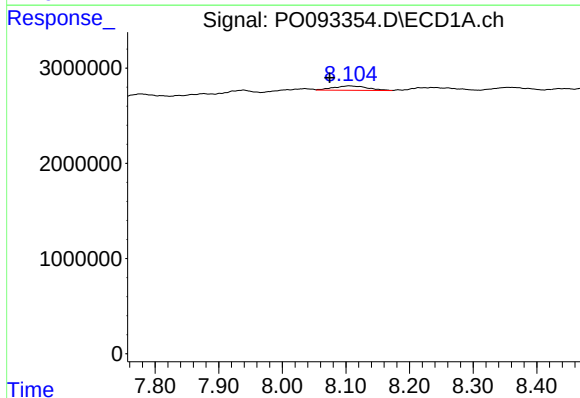
R.T.: 7.838 min
Delta R.T.: -0.010 min
Response: 106461
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



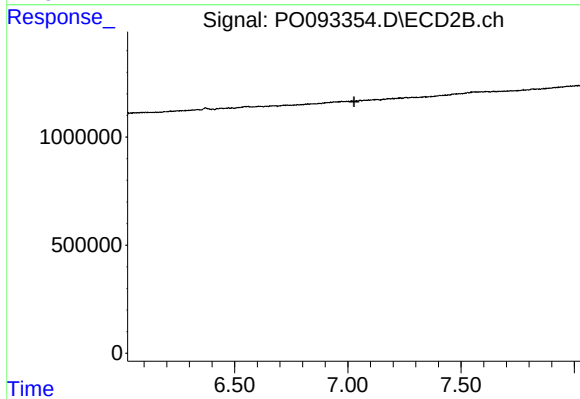
#33 AR-1260-3

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



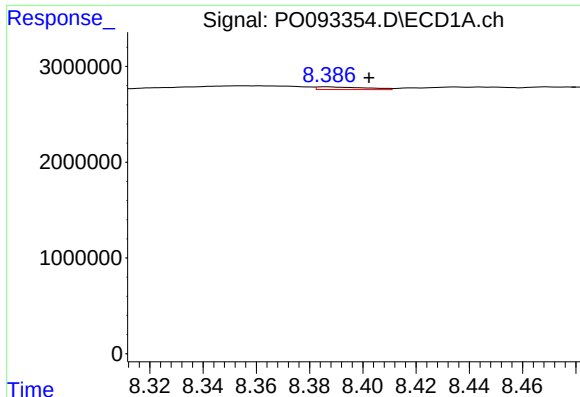
#34 AR-1260-4

R.T.: 8.105 min
Delta R.T.: 0.030 min
Response: 1719311
Conc: 13.41 ng/ml



#34 AR-1260-4

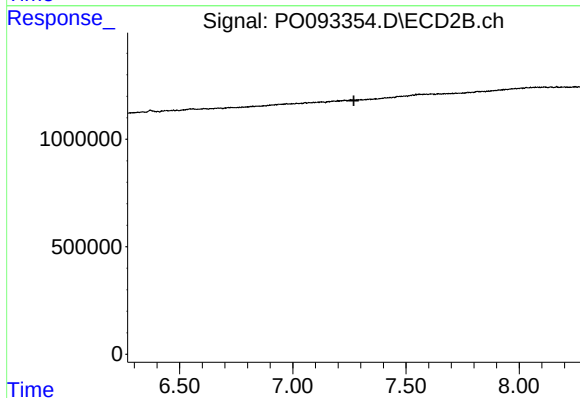
R.T.: 0.000 min
Exp R.T. : 7.027 min
Response: 0
Conc: N.D.



#35 AR-1260-5

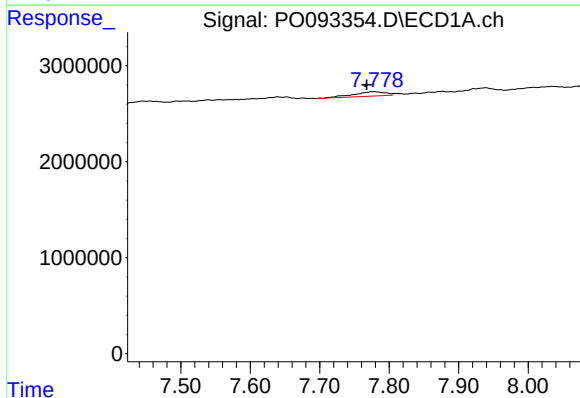
R.T.: 8.387 min
Delta R.T.: -0.016 min
Response: 360784
Conc: 1.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



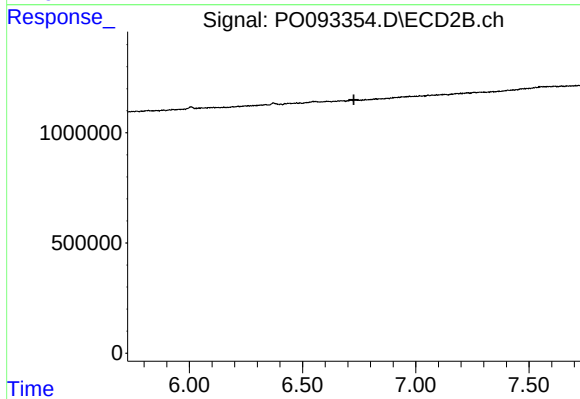
#35 AR-1260-5

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



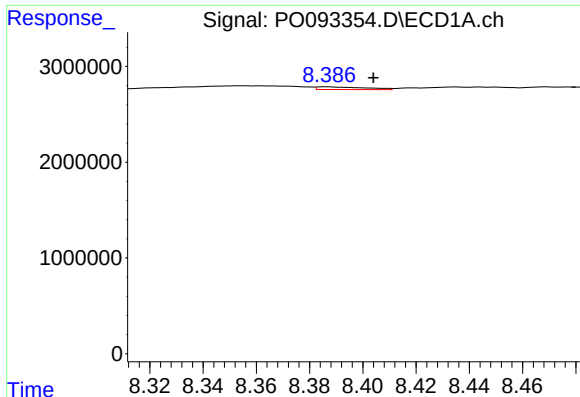
#36 AR-1262-1

R.T.: 7.779 min
Delta R.T.: 0.011 min
Response: 1456181
Conc: 14.65 ng/ml



#36 AR-1262-1

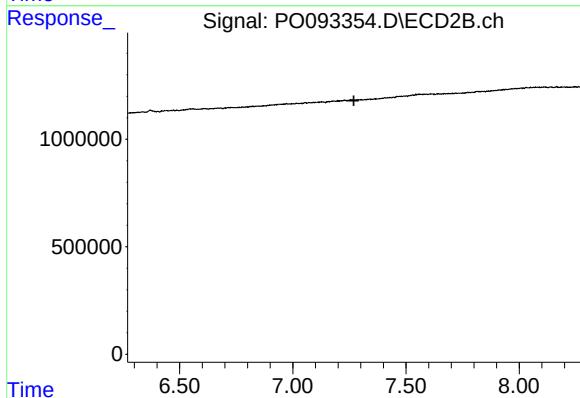
R.T.: 0.000 min
Exp R.T. : 6.726 min
Response: 0
Conc: N.D.



#37 AR-1262-2

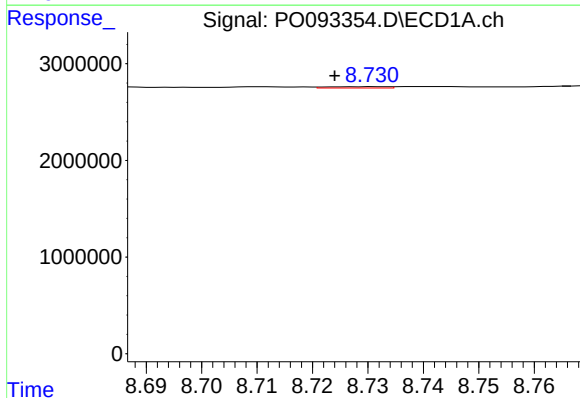
R.T.: 8.387 min
Delta R.T.: -0.017 min
Response: 360784
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



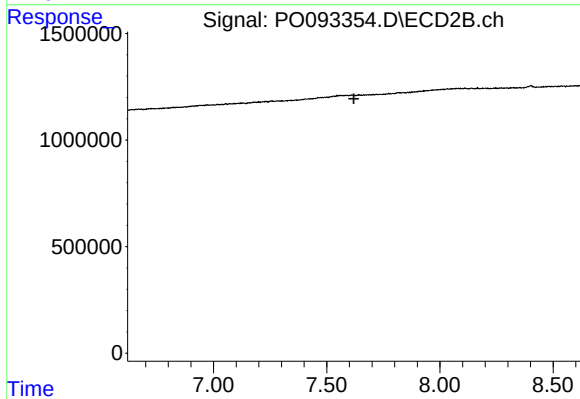
#37 AR-1262-2

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



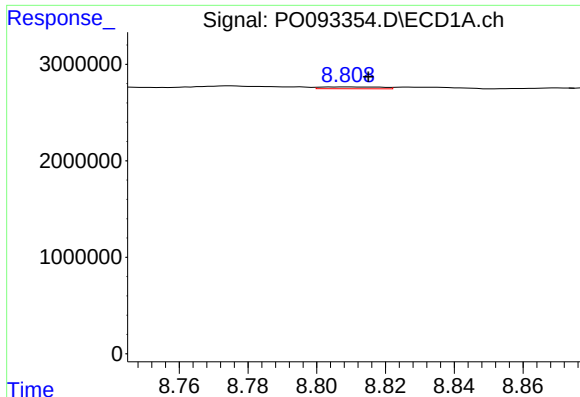
#38 AR-1262-3

R.T.: 8.731 min
Delta R.T.: 0.007 min
Response: 105183
Conc: 0.62 ng/ml



#38 AR-1262-3

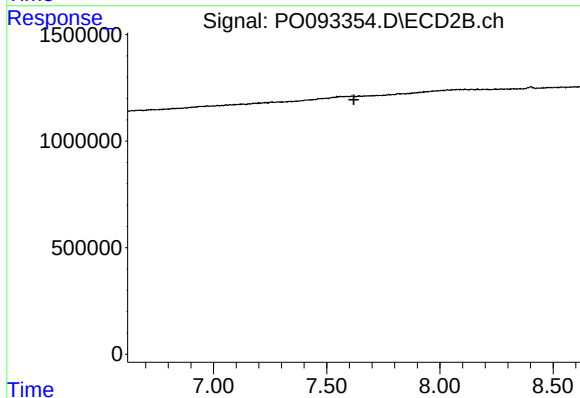
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#39 AR-1262-4

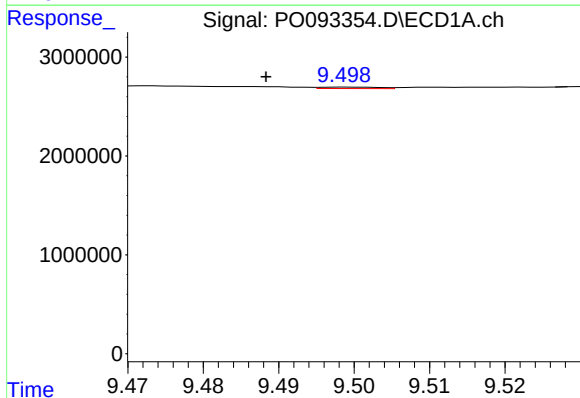
R.T.: 8.809 min
Delta R.T.: -0.006 min
Response: 236450
Conc: 2.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



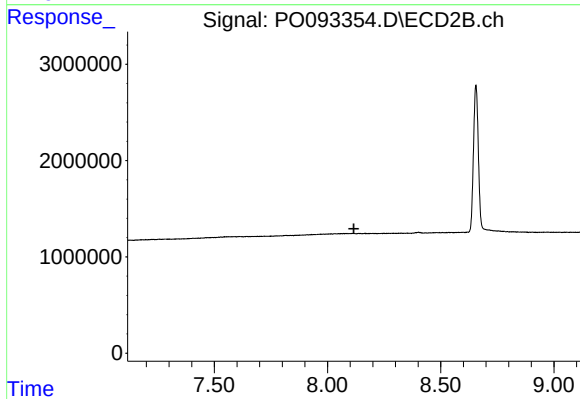
#39 AR-1262-4

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



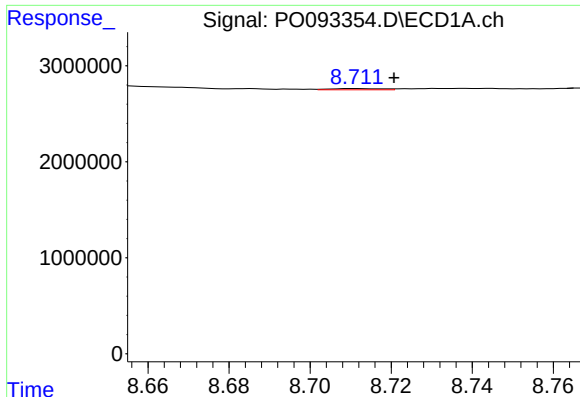
#40 AR-1262-5

R.T.: 9.499 min
Delta R.T.: 0.011 min
Response: 82119
Conc: 0.86 ng/ml



#40 AR-1262-5

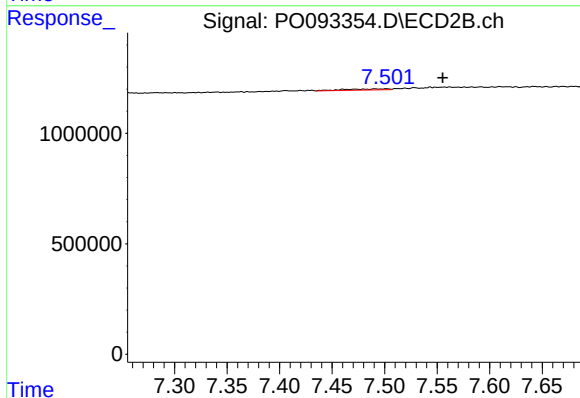
R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



#41 AR-1268-1

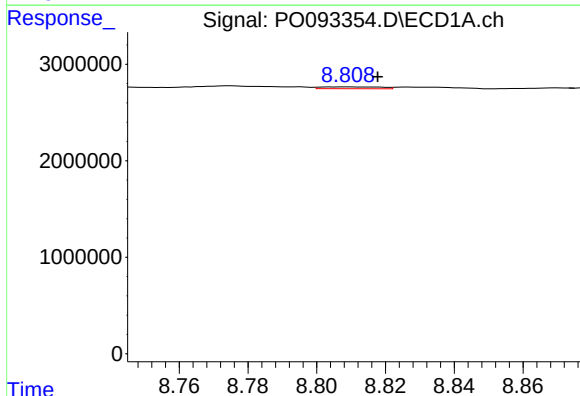
R.T.: 8.711 min
Delta R.T.: -0.010 min
Response: 117457
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



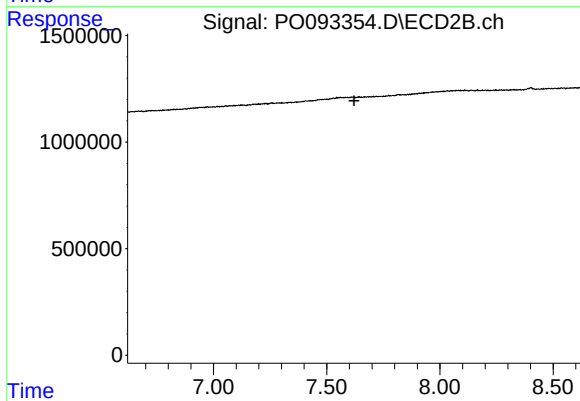
#41 AR-1268-1

R.T.: 7.502 min
Delta R.T.: -0.053 min
Response: 156305
Conc: 1.00 ng/ml



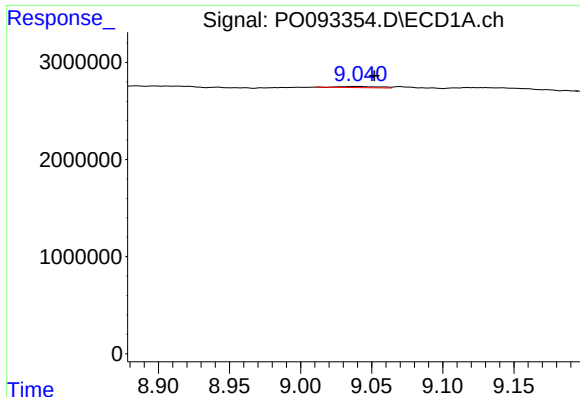
#42 AR-1268-2

R.T.: 8.809 min
Delta R.T.: -0.009 min
Response: 236450
Conc: 0.81 ng/ml



#42 AR-1268-2

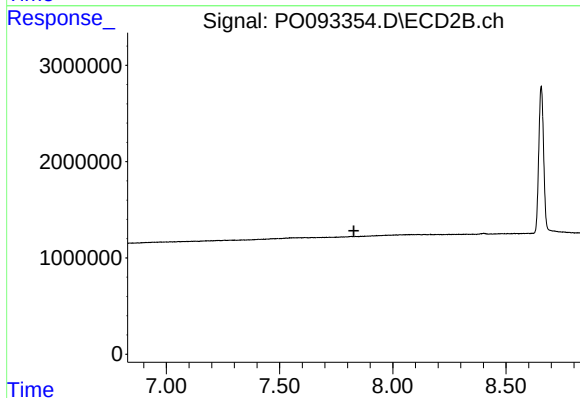
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#43 AR-1268-3

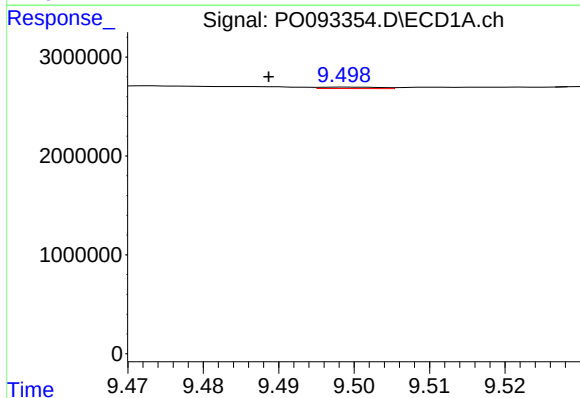
R.T.: 9.041 min
Delta R.T.: -0.011 min
Response: 228084
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



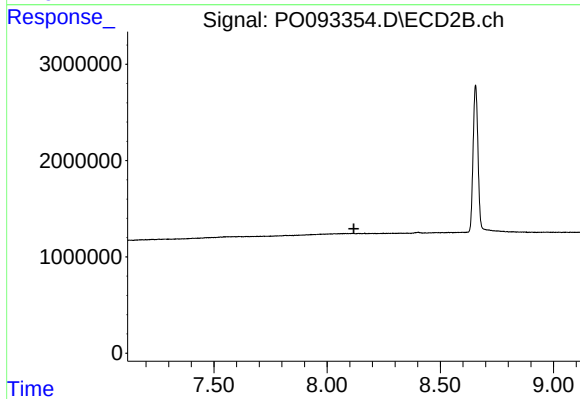
#43 AR-1268-3

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



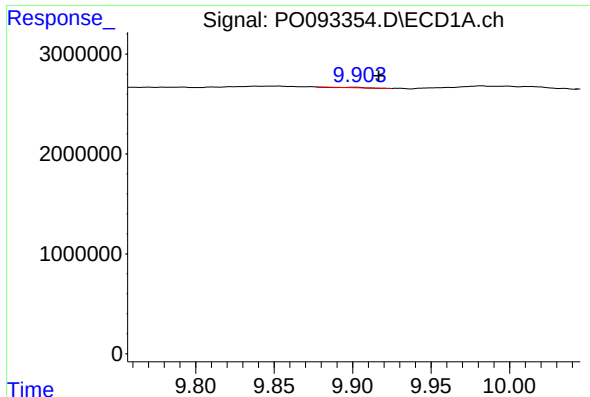
#44 AR-1268-4

R.T.: 9.499 min
Delta R.T.: 0.010 min
Response: 82119
Conc: 0.77 ng/ml



#44 AR-1268-4

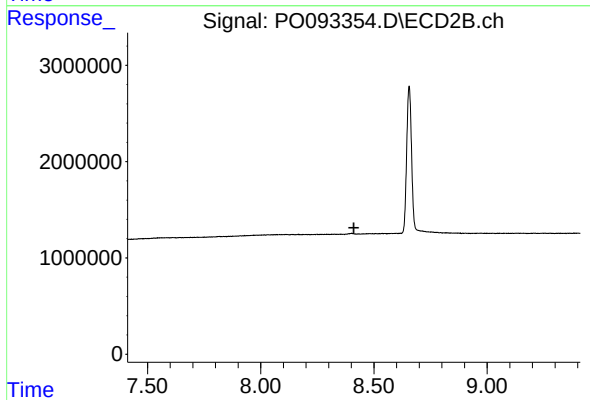
R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.902 min
Delta R.T.: -0.014 min
Response: 42320
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

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