

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040423\
 Data File : P0093779.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2023 12:15
 Operator : YP/AJ
 Sample : 02157-04 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 17:48:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\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...	4.423	3.627	5941107	2218884	1.589	1.742
2)	SA Decachlor...	10.252	8.652	5266130	2334076	2.354	2.335
Target Compounds							
3)	L1 AR-1016-1	5.593	0.000	144101	0	1.409	N.D. #
4)	L1 AR-1016-2	5.623	0.000	135829	0	0.871	N.D. #
5)	L1 AR-1016-3	5.676	0.000	353618	0	3.585	N.D. #
6)	L1 AR-1016-4	5.791	0.000	135250	0	1.839	N.D. #
7)	L1 AR-1016-5	6.076	0.000	82454	0	0.974	N.D. #
8)	L2 AR-1221-1	4.635	0.000	122618	0	2.659	N.D. #
9)	L2 AR-1221-2	4.730	0.000	282048	0	8.217	N.D. #
10)	L2 AR-1221-3	4.805	0.000	356918	0	3.408	N.D. #
11)	L3 AR-1232-1	4.805	0.000	356918	0	4.089	N.D. #
12)	L3 AR-1232-2	5.329	0.000	38591	0	0.902	N.D. #
13)	L3 AR-1232-3	5.623	0.000	135829	0	1.849	N.D. #
14)	L3 AR-1232-4	5.791	0.000	135250	0	3.929	N.D. #
15)	L3 AR-1232-5	5.873	0.000	137504	0	4.329	N.D. #
16)	L4 AR-1242-1	5.593	0.000	144101	0	1.651	N.D. #
17)	L4 AR-1242-2	5.623	0.000	135829	0	1.022	N.D. #
18)	L4 AR-1242-3	5.676	0.000	353618	0	4.166	N.D. #
19)	L4 AR-1242-4	5.791	0.000	135250	0	2.165	N.D. #
20)	L4 AR-1242-5	6.527	5.540	133814	320188	1.987	11.230 #
21)	L5 AR-1248-1	5.593	0.000	144101	0	2.142	N.D. #
22)	L5 AR-1248-2	5.873	0.000	137504	0	1.257	N.D. #
23)	L5 AR-1248-3	6.076	0.000	82454	0	0.683	N.D. #
24)	L5 AR-1248-4	6.500	0.000	230138	0	2.143	N.D. #
25)	L5 AR-1248-5	6.527	5.540	133814	320188	1.153	8.576 #
26)	L6 AR-1254-1	6.463	5.540	1048963	320188	7.734	4.684 #
27)	L6 AR-1254-2	6.678	0.000	104681	0	0.536	N.D. #
28)	L6 AR-1254-3	7.052	0.000	945532	0	5.118	N.D. #
29)	L6 AR-1254-4	7.336	0.000	377796	0	3.725	N.D. #
30)	L6 AR-1254-5	7.786	0.000	916538	0	6.759	N.D. #
31)	L7 AR-1260-1	7.191	0.000	65398	0	0.448	N.D. #
32)	L7 AR-1260-2	7.495	0.000	1051651	0	6.571	N.D. #
33)	L7 AR-1260-3	7.856	6.539	324892	547720	2.447	7.547 #
34)	L7 AR-1260-4	8.071	0.000	114354	0	0.830	N.D. #
35)	L7 AR-1260-5	8.370	7.276	864388	581199	3.969	5.601 #
36)	L8 AR-1262-1	7.856	0.000	324892	0	1.902	N.D. #
37)	L8 AR-1262-2	8.370	0.000	864388	0	3.719	N.D. #
38)	L8 AR-1262-3	8.701	7.568	28068	542108	0.171	10.835 #
39)	L8 AR-1262-4	8.772	7.568f	8653081	542108	86.364	6.537 #
40)	L8 AR-1262-5	9.466	0.000	128885	0	1.601	N.D. #
41)	L9 AR-1268-1	8.701	7.568	28068	542108	0.083	3.549 #

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 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	8.772	7.568f	8653081	542108	26.887	3.990 #
43) L9	AR-1268-3	9.032	0.000	18885	0	0.067	N.D. #
44) L9	AR-1268-4	9.466	0.000	128885	0	1.333	N.D. #
45) L9	AR-1268-5	9.906	0.000	83258	0	0.099	N.D. #

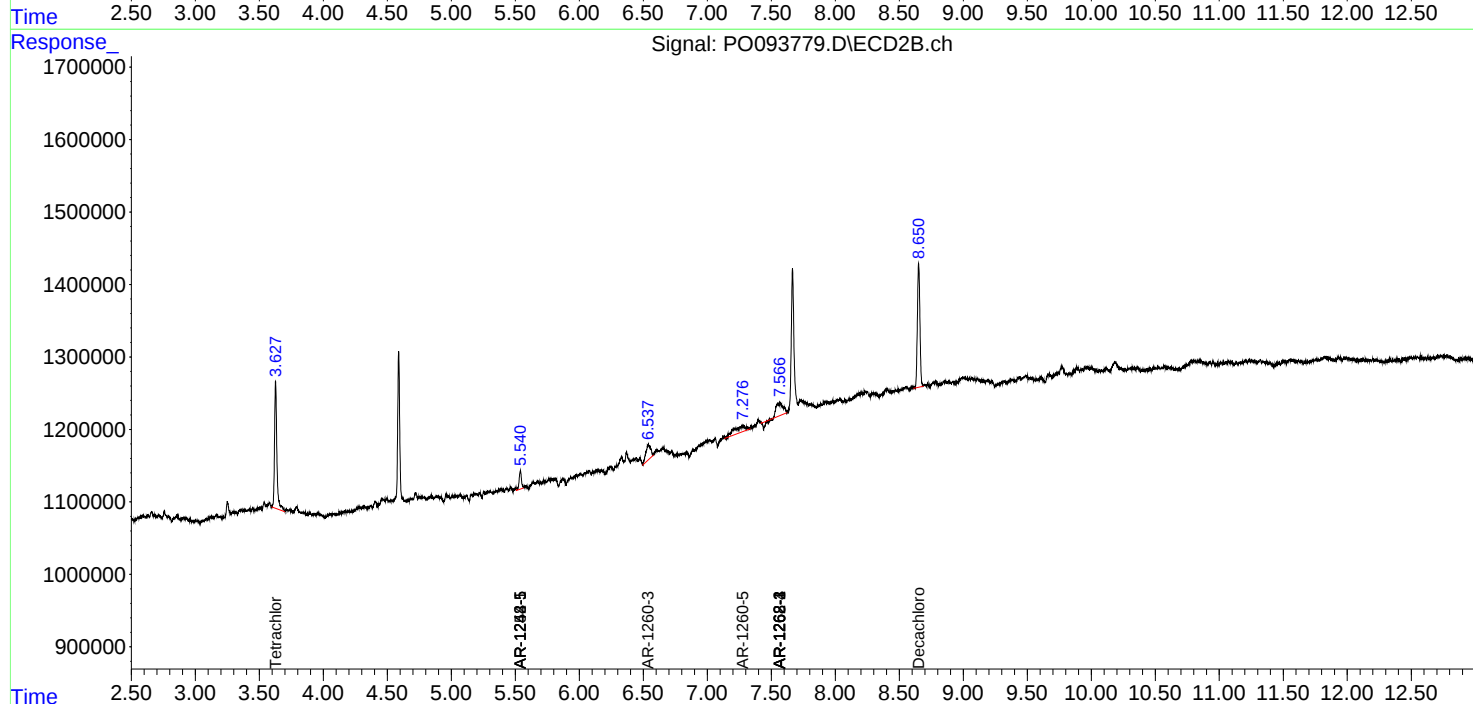
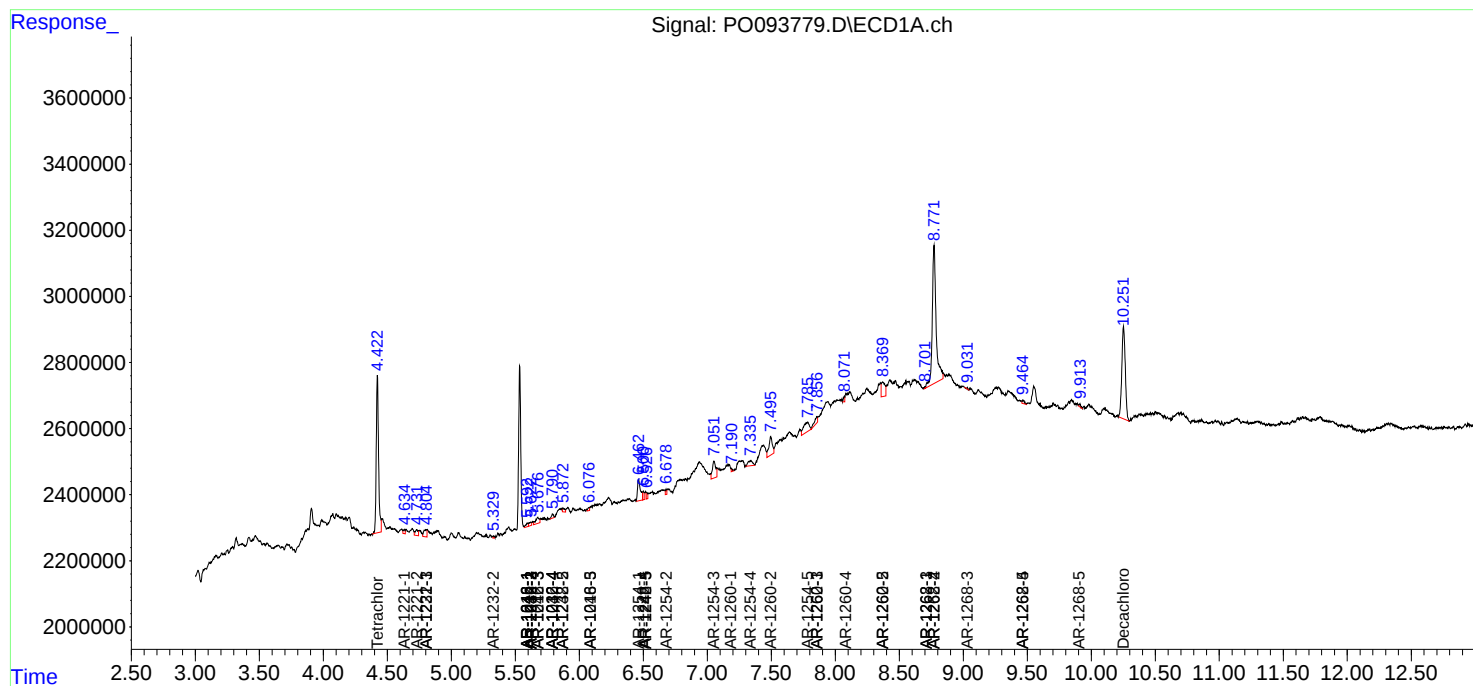
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

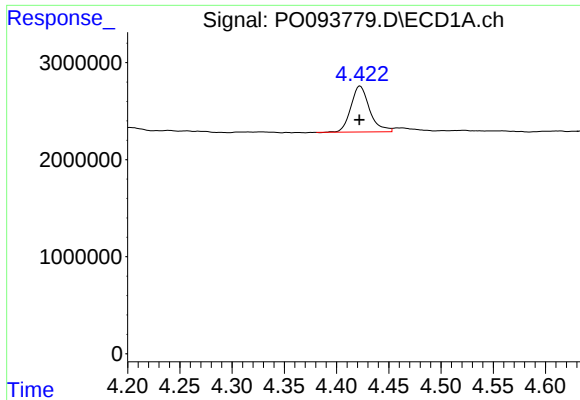
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

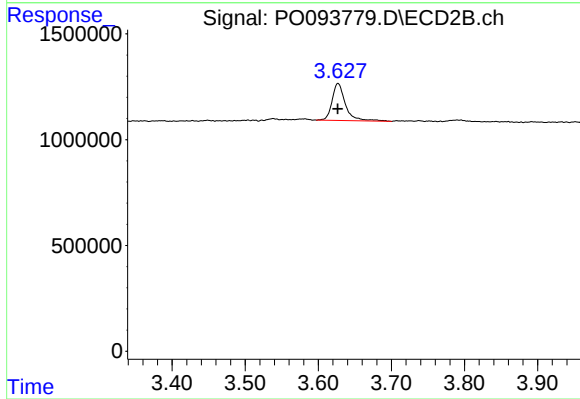




#1 Tetrachloro-m-xylene

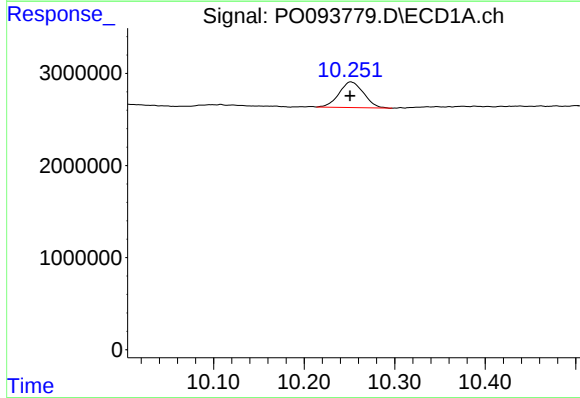
R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 5941107
Conc: 1.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



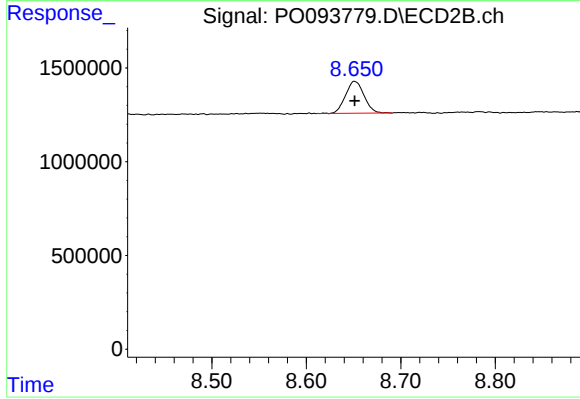
#1 Tetrachloro-m-xylene

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 2218884
Conc: 1.74 ng/ml



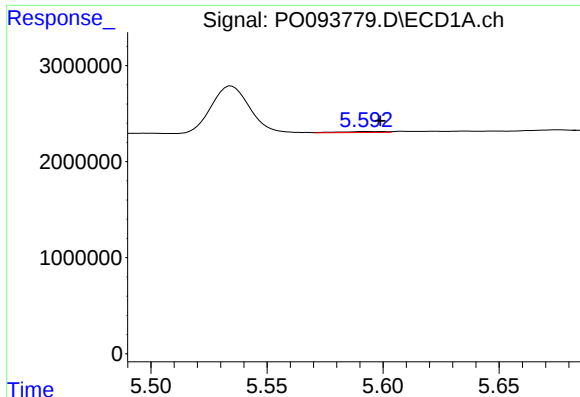
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: 0.001 min
Response: 5266130
Conc: 2.35 ng/ml



#2 Decachlorobiphenyl

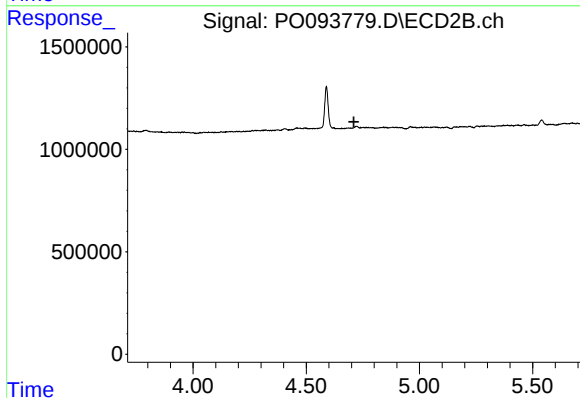
R.T.: 8.652 min
Delta R.T.: 0.000 min
Response: 2334076
Conc: 2.33 ng/ml



#3 AR-1016-1

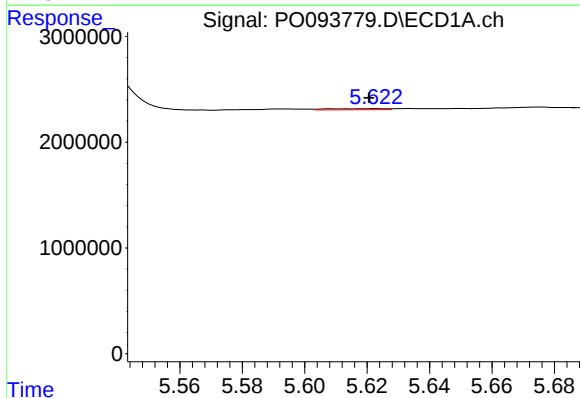
R.T.: 5.593 min
Delta R.T.: -0.006 min
Response: 144101
Conc: 1.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



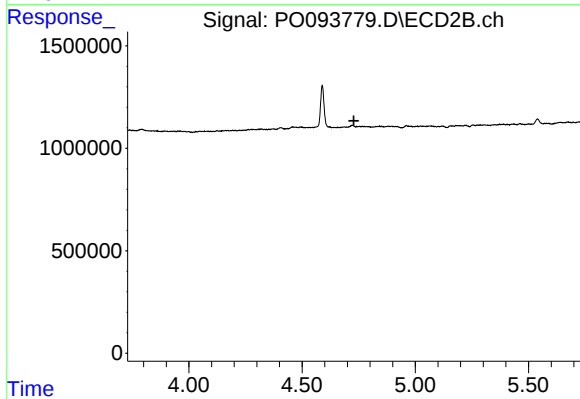
#3 AR-1016-1

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



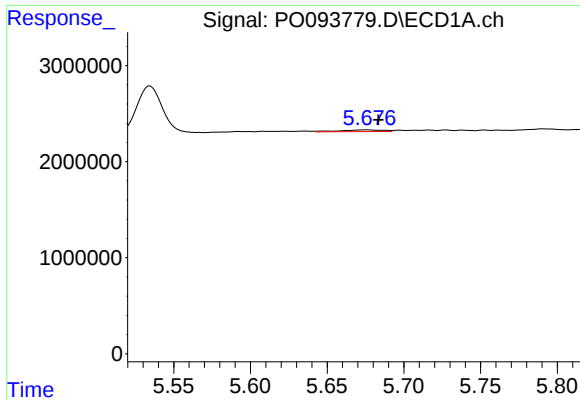
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: 0.002 min
Response: 135829
Conc: 0.87 ng/ml



#4 AR-1016-2

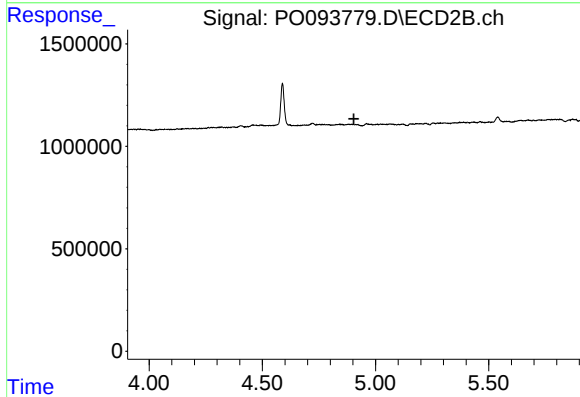
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

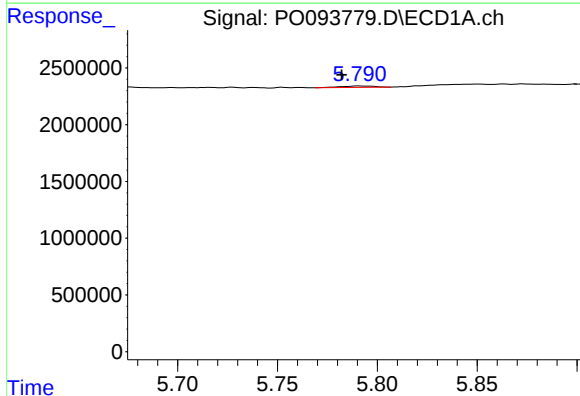
R.T.: 5.676 min
Delta R.T.: -0.008 min
Response: 353618
Conc: 3.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



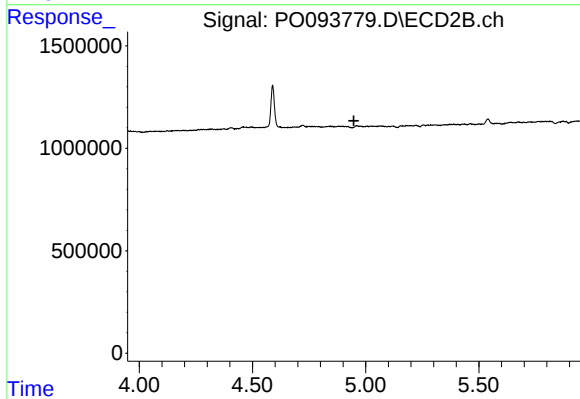
#5 AR-1016-3

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



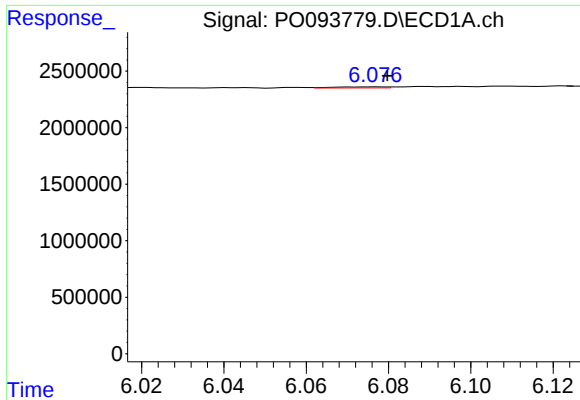
#6 AR-1016-4

R.T.: 5.791 min
Delta R.T.: 0.008 min
Response: 135250
Conc: 1.84 ng/ml



#6 AR-1016-4

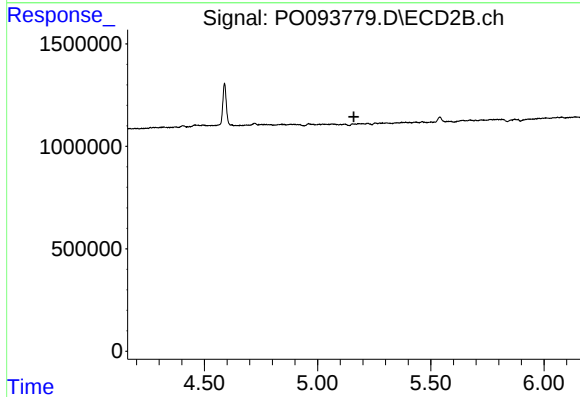
R.T.: 0.000 min
Exp R.T. : 4.948 min
Response: 0
Conc: N.D.



#7 AR-1016-5

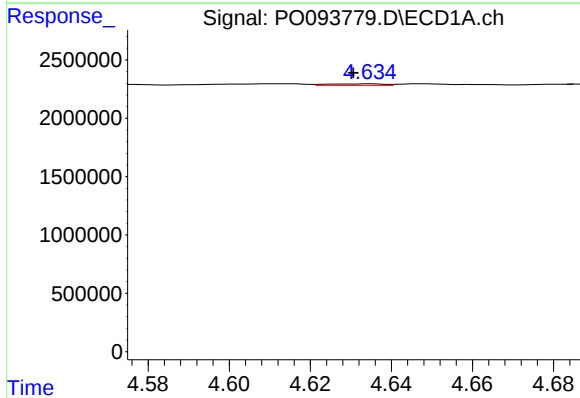
R.T.: 6.076 min
Delta R.T.: -0.004 min
Response: 82454
Conc: 0.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



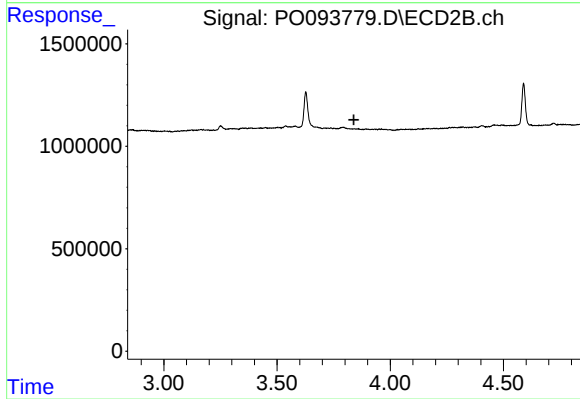
#7 AR-1016-5

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



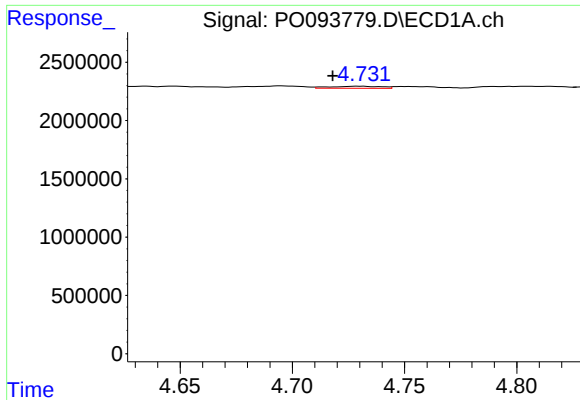
#8 AR-1221-1

R.T.: 4.635 min
Delta R.T.: 0.004 min
Response: 122618
Conc: 2.66 ng/ml



#8 AR-1221-1

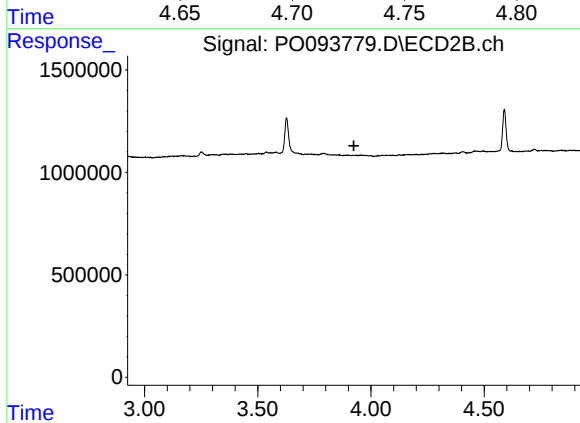
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

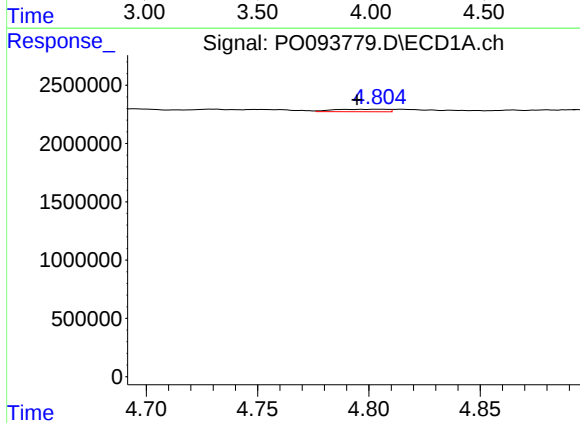
R.T.: 4.730 min
Delta R.T.: 0.012 min
Response: 282048
Conc: 8.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



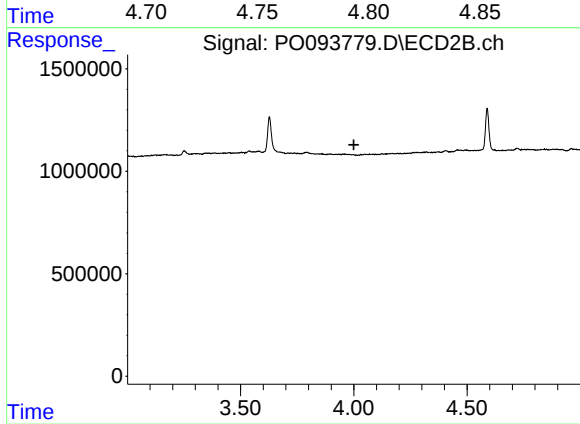
#9 AR-1221-2

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



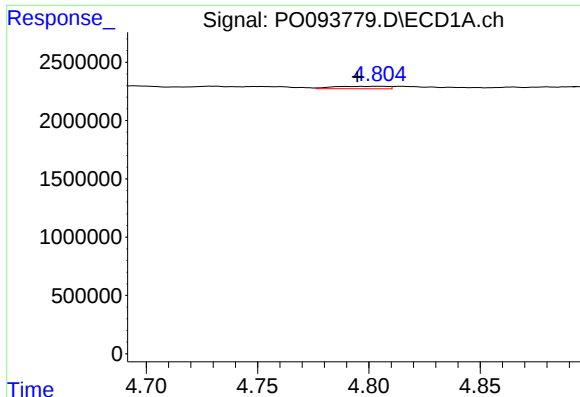
#10 AR-1221-3

R.T.: 4.805 min
Delta R.T.: 0.011 min
Response: 356918
Conc: 3.41 ng/ml



#10 AR-1221-3

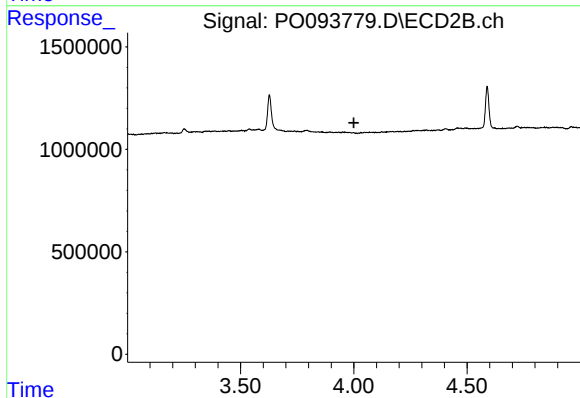
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#11 AR-1232-1

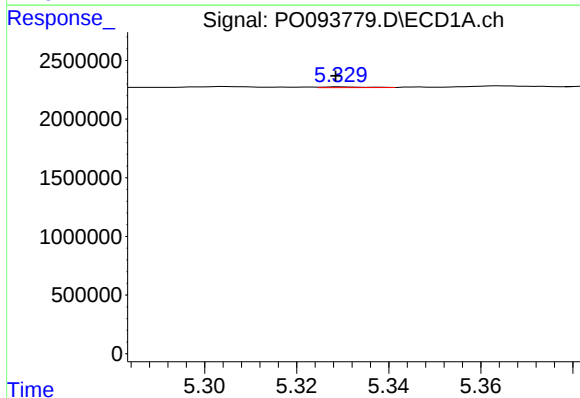
R.T.: 4.805 min
Delta R.T.: 0.010 min
Response: 356918
Conc: 4.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



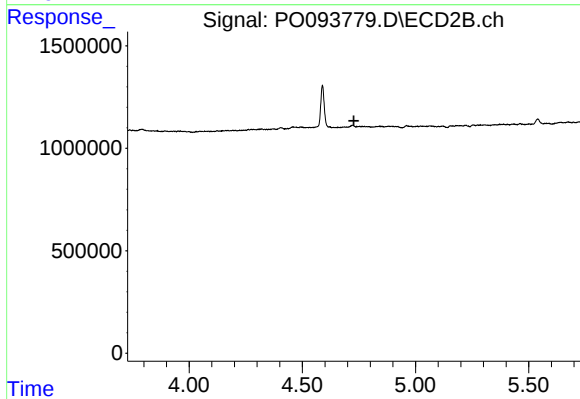
#11 AR-1232-1

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



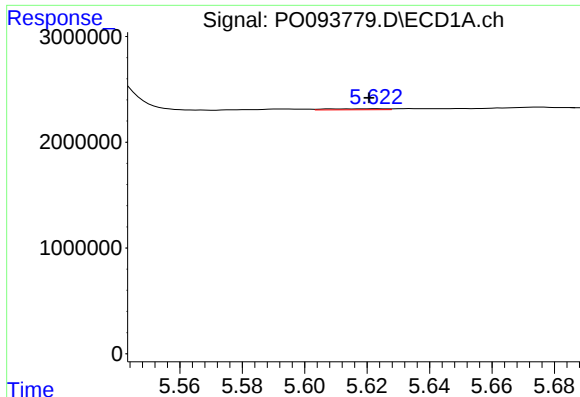
#12 AR-1232-2

R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 38591
Conc: 0.90 ng/ml



#12 AR-1232-2

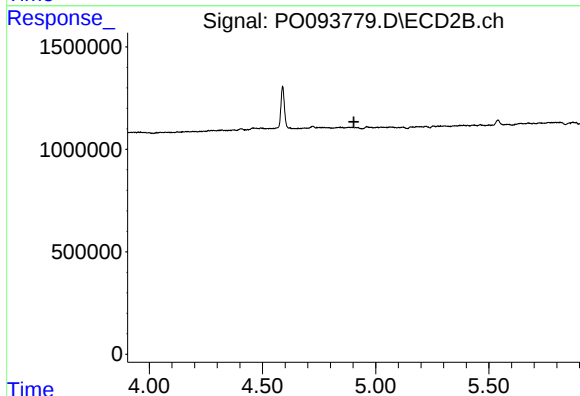
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

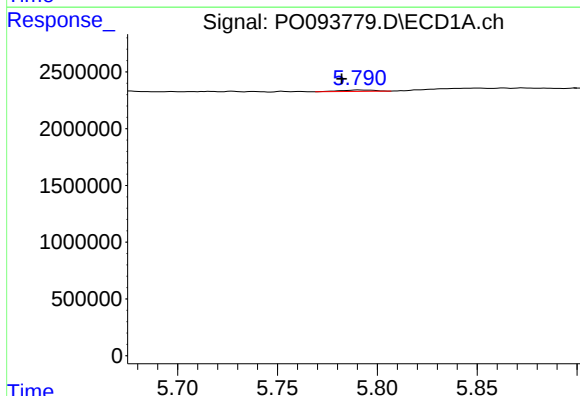
R.T.: 5.623 min
Delta R.T.: 0.002 min
Response: 135829
Conc: 1.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



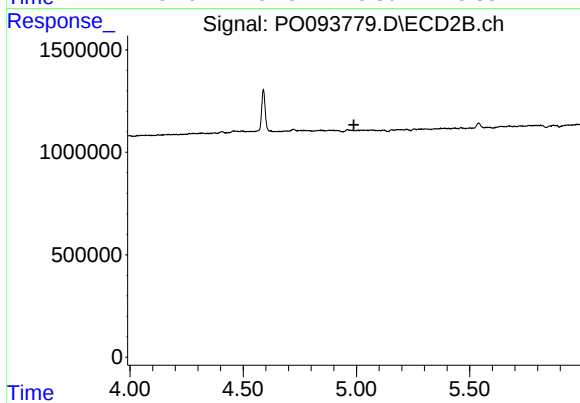
#13 AR-1232-3

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



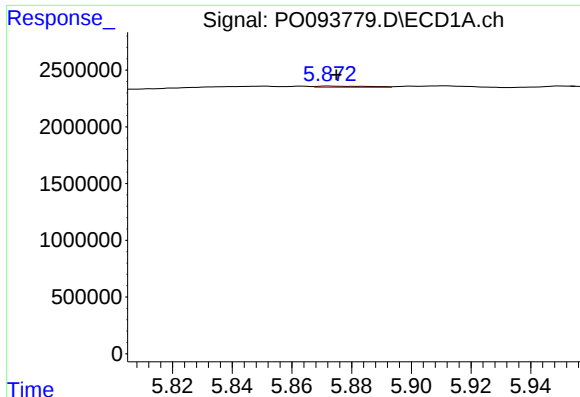
#14 AR-1232-4

R.T.: 5.791 min
Delta R.T.: 0.008 min
Response: 135250
Conc: 3.93 ng/ml



#14 AR-1232-4

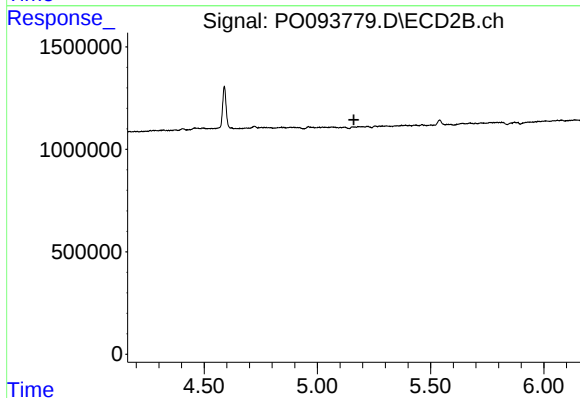
R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



#15 AR-1232-5

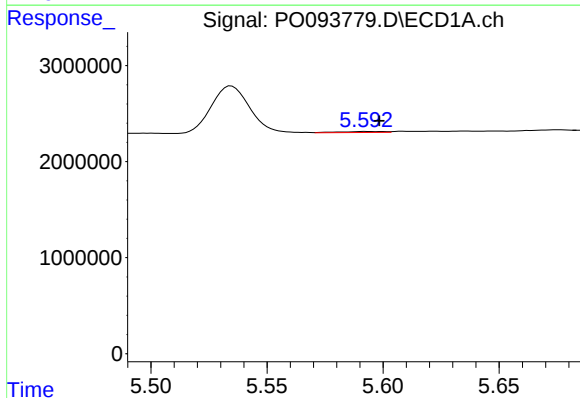
R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 137504
Conc: 4.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



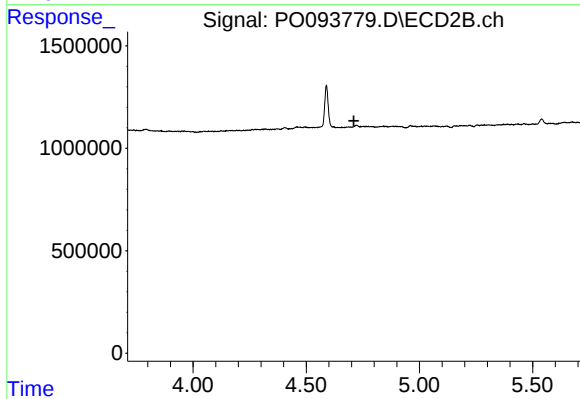
#15 AR-1232-5

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



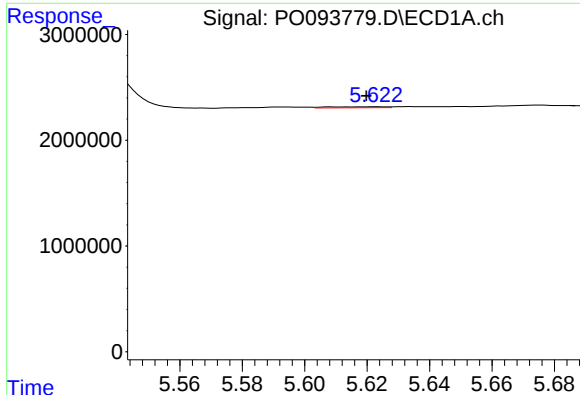
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: -0.006 min
Response: 144101
Conc: 1.65 ng/ml



#16 AR-1242-1

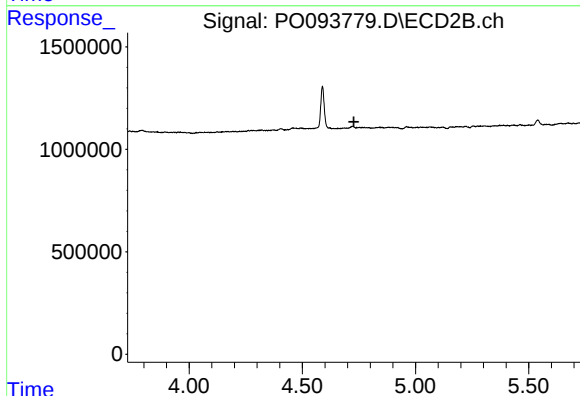
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

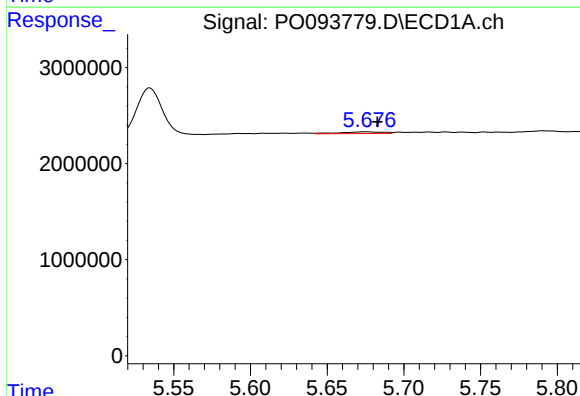
R.T.: 5.623 min
Delta R.T.: 0.003 min
Response: 135829
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



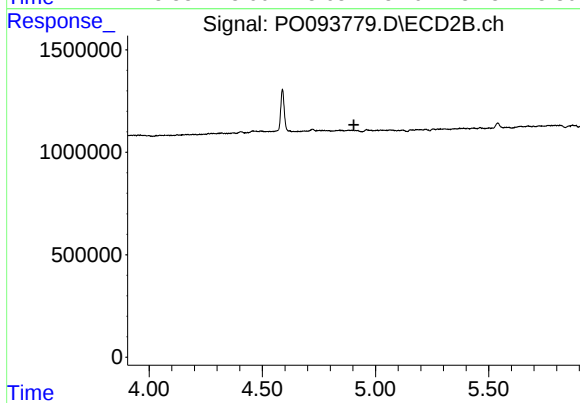
#17 AR-1242-2

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



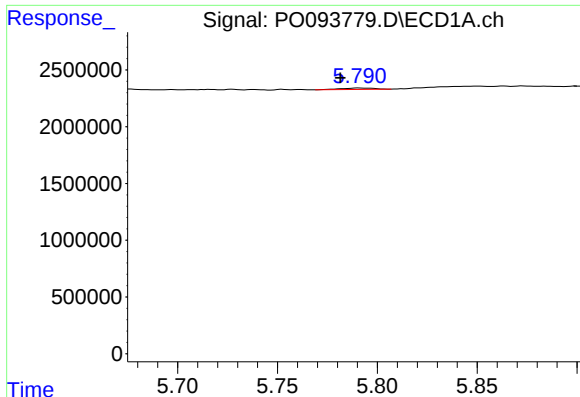
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: -0.007 min
Response: 353618
Conc: 4.17 ng/ml



#18 AR-1242-3

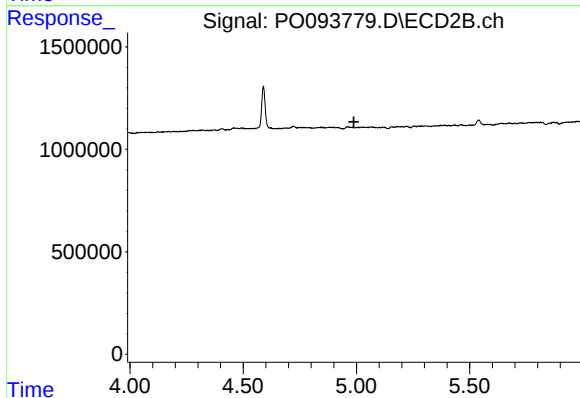
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#19 AR-1242-4

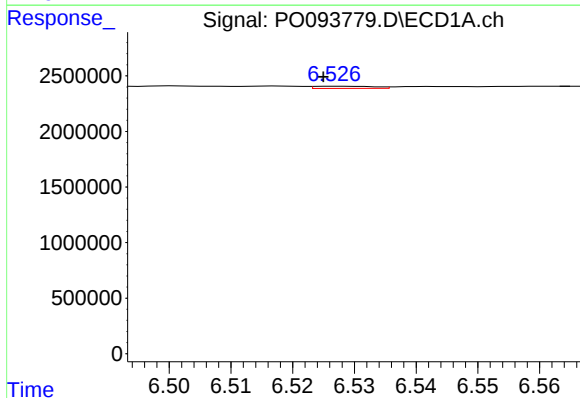
R.T.: 5.791 min
Delta R.T.: 0.009 min
Response: 135250
Conc: 2.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



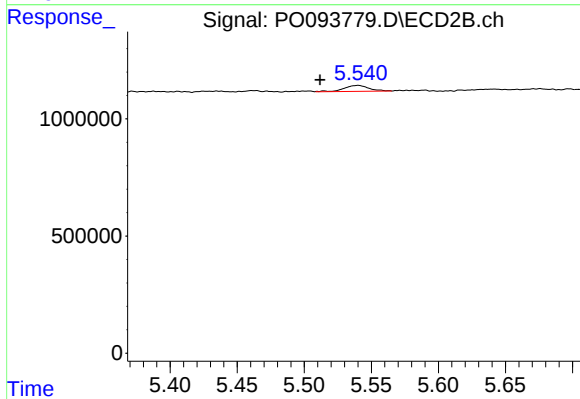
#19 AR-1242-4

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



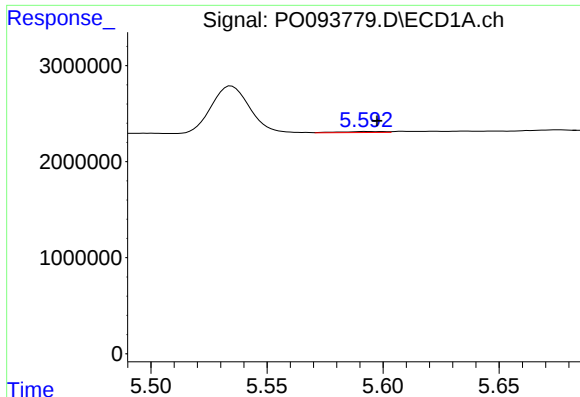
#20 AR-1242-5

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 133814
Conc: 1.99 ng/ml



#20 AR-1242-5

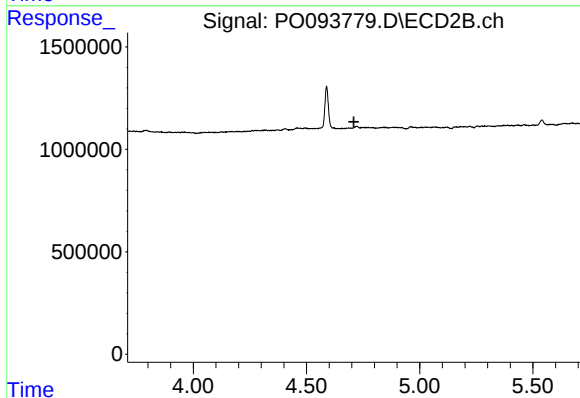
R.T.: 5.540 min
Delta R.T.: 0.028 min
Response: 320188
Conc: 11.23 ng/ml



#21 AR-1248-1

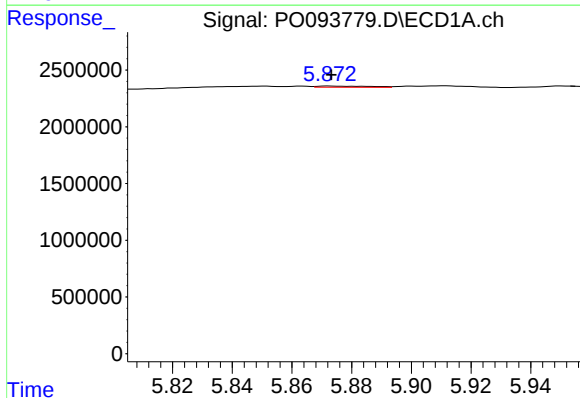
R.T.: 5.593 min
Delta R.T.: -0.005 min
Response: 144101
Conc: 2.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



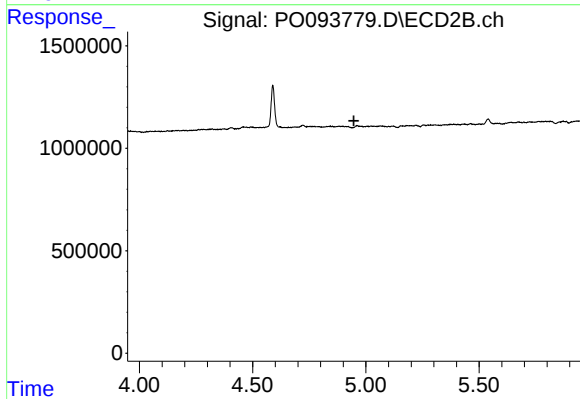
#21 AR-1248-1

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



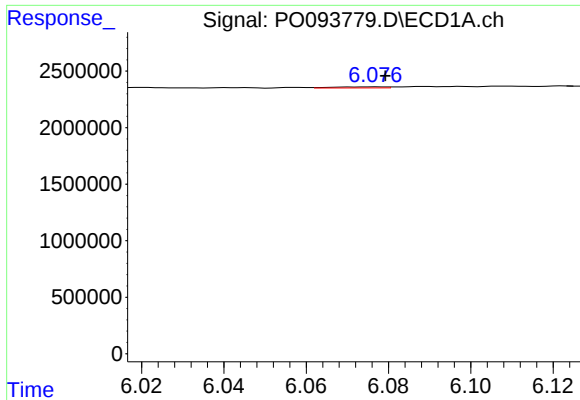
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 137504
Conc: 1.26 ng/ml



#22 AR-1248-2

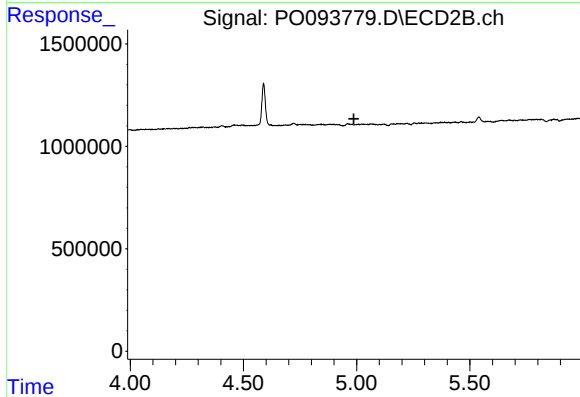
R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#23 AR-1248-3

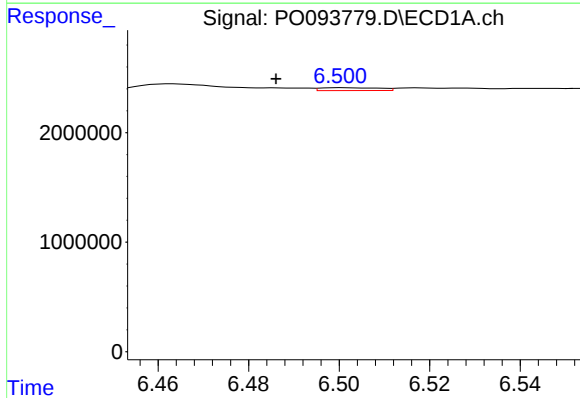
R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 82454
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



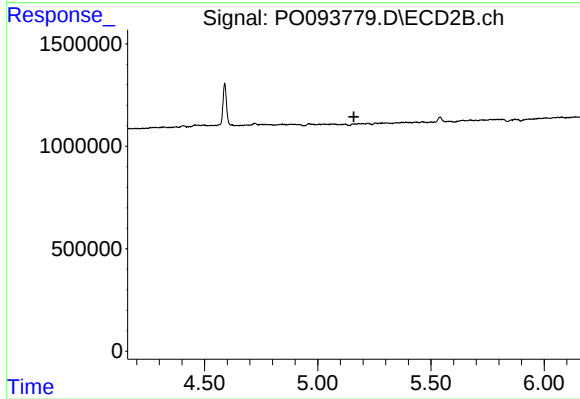
#23 AR-1248-3

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



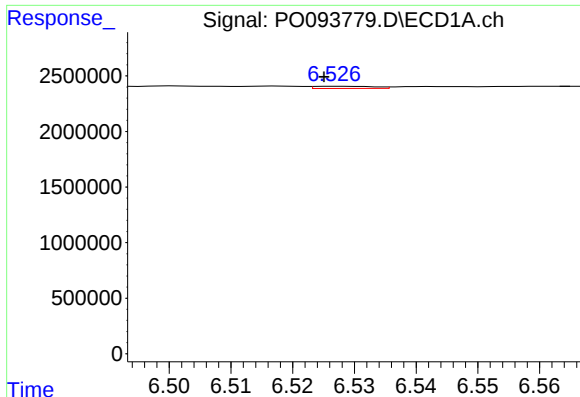
#24 AR-1248-4

R.T.: 6.500 min
Delta R.T.: 0.014 min
Response: 230138
Conc: 2.14 ng/ml



#24 AR-1248-4

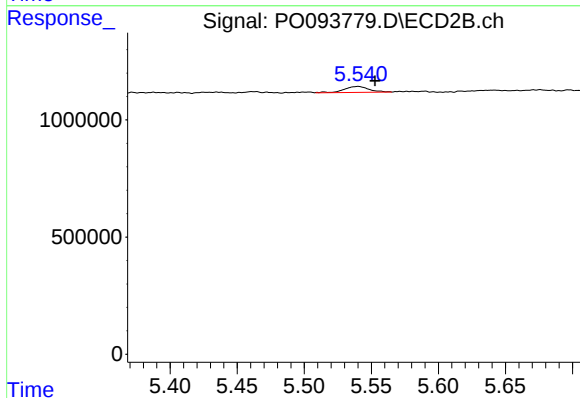
R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

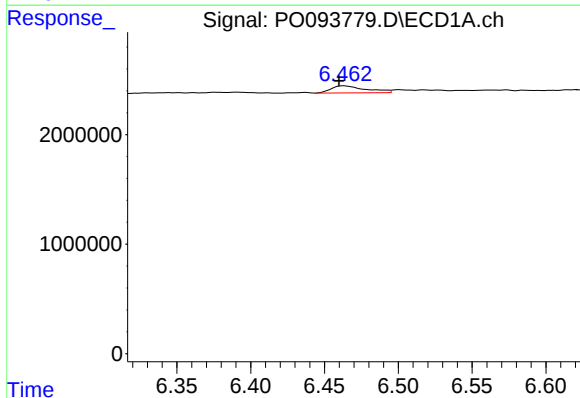
R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 133814
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



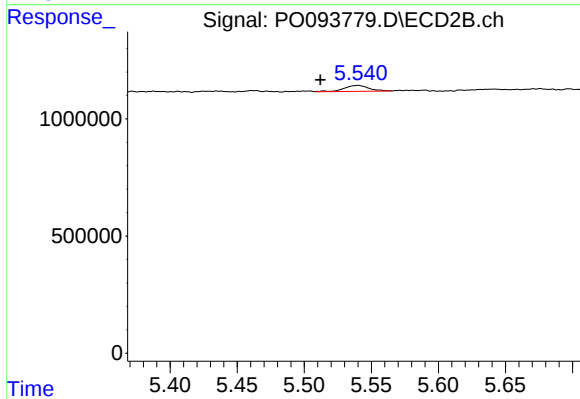
#25 AR-1248-5

R.T.: 5.540 min
Delta R.T.: -0.013 min
Response: 320188
Conc: 8.58 ng/ml



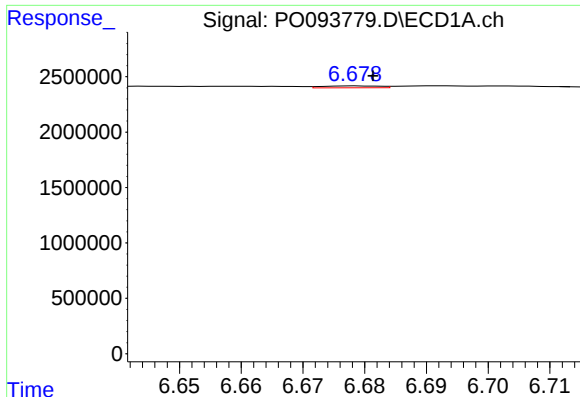
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: 0.003 min
Response: 1048963
Conc: 7.73 ng/ml



#26 AR-1254-1

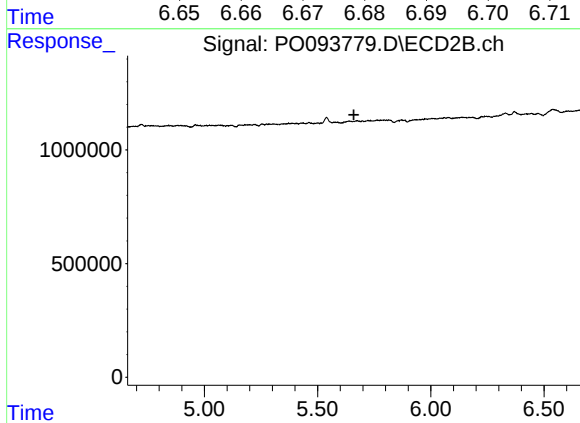
R.T.: 5.540 min
Delta R.T.: 0.028 min
Response: 320188
Conc: 4.68 ng/ml



#27 AR-1254-2

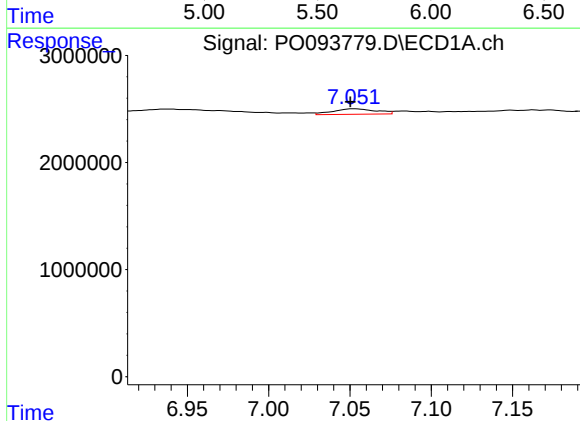
R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 104681
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



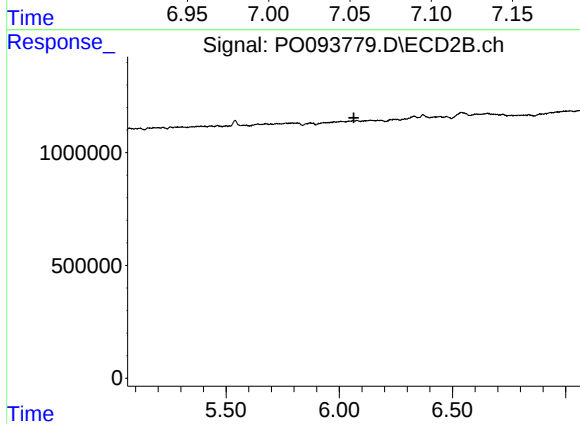
#27 AR-1254-2

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



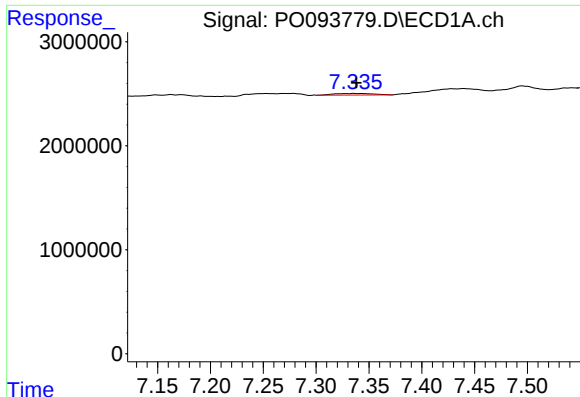
#28 AR-1254-3

R.T.: 7.052 min
Delta R.T.: 0.002 min
Response: 945532
Conc: 5.12 ng/ml



#28 AR-1254-3

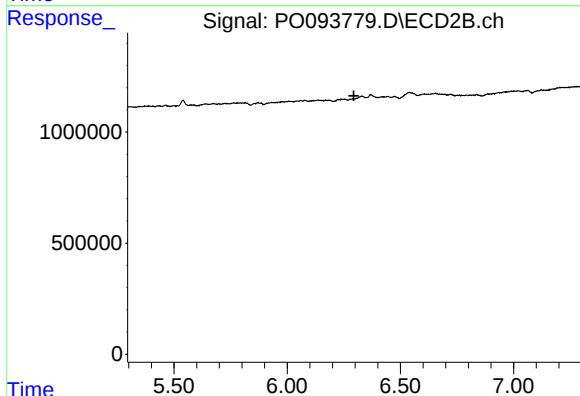
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

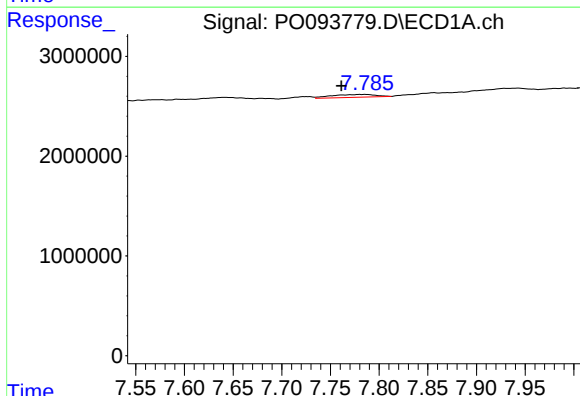
R.T.: 7.336 min
Delta R.T.: -0.002 min
Response: 377796
Conc: 3.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



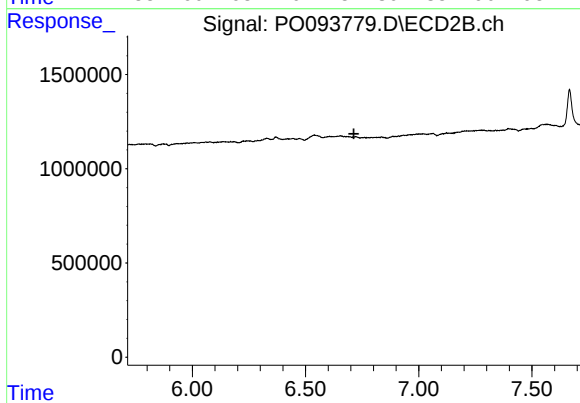
#29 AR-1254-4

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



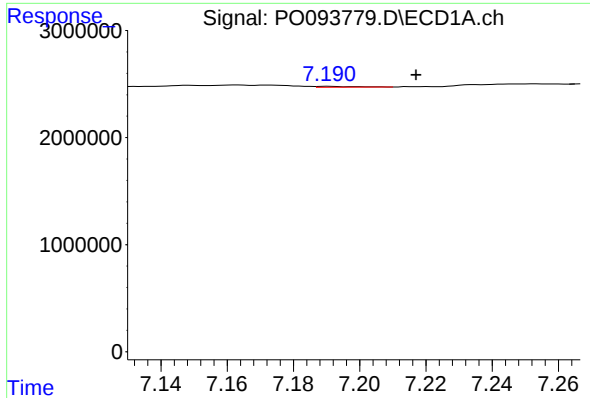
#30 AR-1254-5

R.T.: 7.786 min
Delta R.T.: 0.025 min
Response: 916538
Conc: 6.76 ng/ml



#30 AR-1254-5

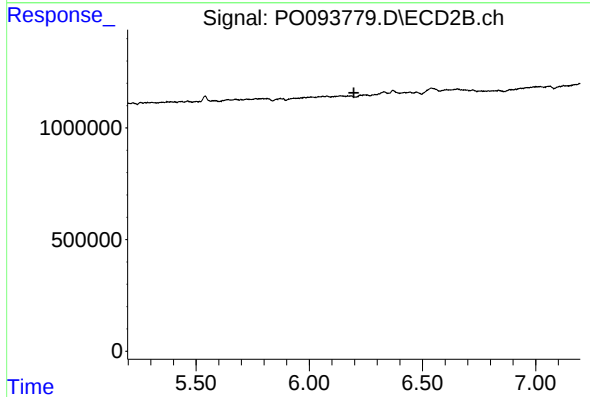
R.T.: 0.000 min
Exp R.T. : 6.714 min
Response: 0
Conc: N.D.



#31 AR-1260-1

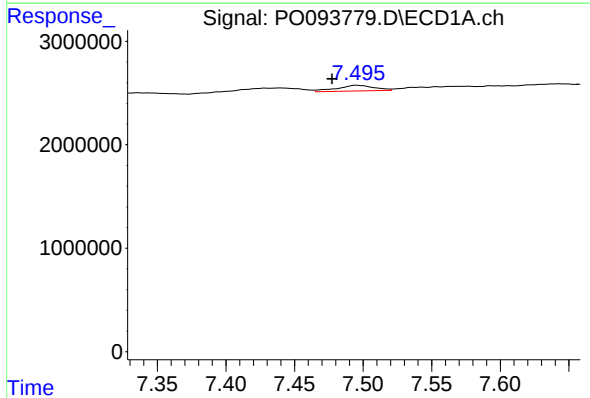
R.T.: 7.191 min
Delta R.T.: -0.026 min
Response: 65398
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



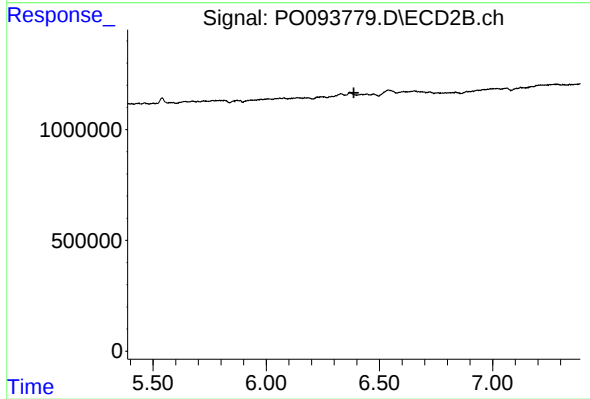
#31 AR-1260-1

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



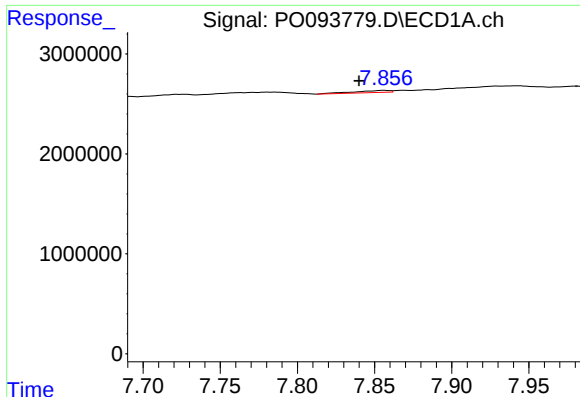
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: 0.018 min
Response: 1051651
Conc: 6.57 ng/ml



#32 AR-1260-2

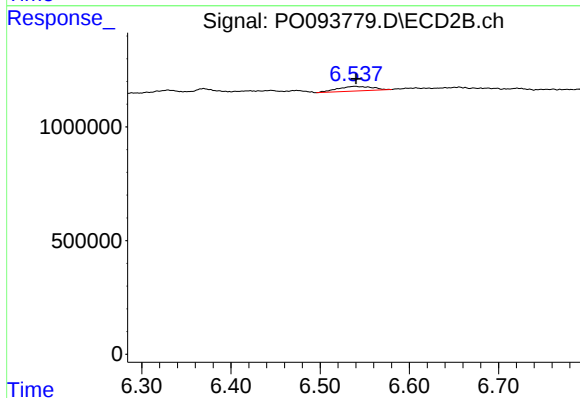
R.T.: 0.000 min
Exp R.T. : 6.387 min
Response: 0
Conc: N.D.



#33 AR-1260-3

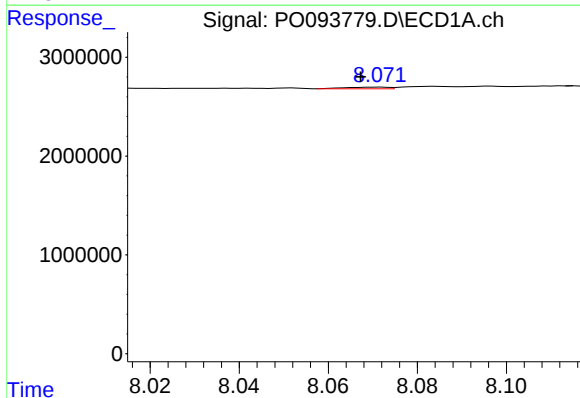
R.T.: 7.856 min
Delta R.T.: 0.016 min
Response: 324892
Conc: 2.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



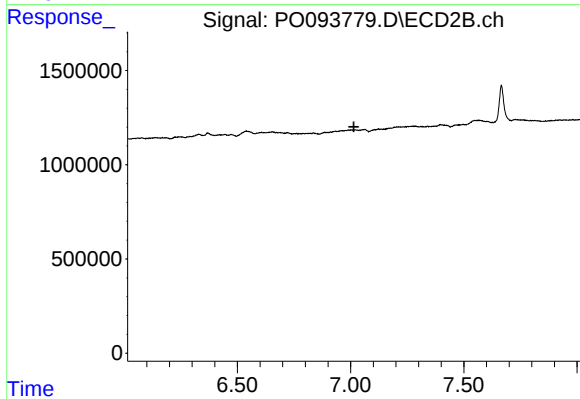
#33 AR-1260-3

R.T.: 6.539 min
Delta R.T.: -0.001 min
Response: 547720
Conc: 7.55 ng/ml



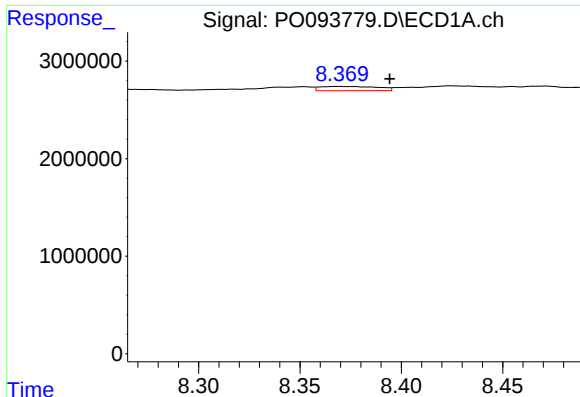
#34 AR-1260-4

R.T.: 8.071 min
Delta R.T.: 0.004 min
Response: 114354
Conc: 0.83 ng/ml



#34 AR-1260-4

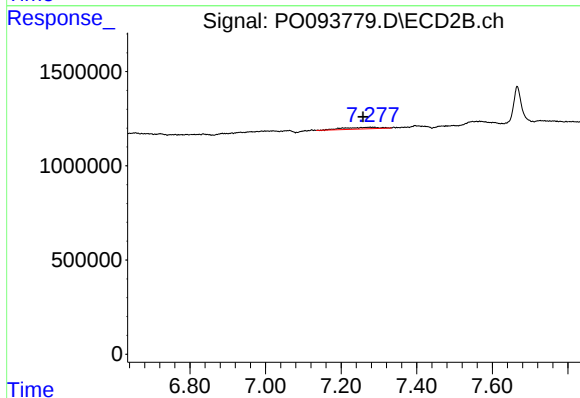
R.T.: 0.000 min
Exp R.T. : 7.014 min
Response: 0
Conc: N.D.



#35 AR-1260-5

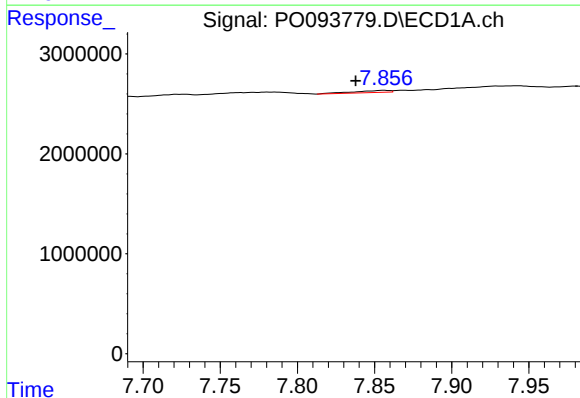
R.T.: 8.370 min
Delta R.T.: -0.025 min
Response: 864388
Conc: 3.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



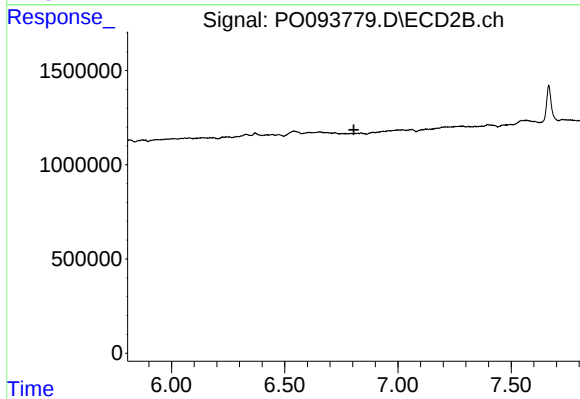
#35 AR-1260-5

R.T.: 7.276 min
Delta R.T.: 0.018 min
Response: 581199
Conc: 5.60 ng/ml



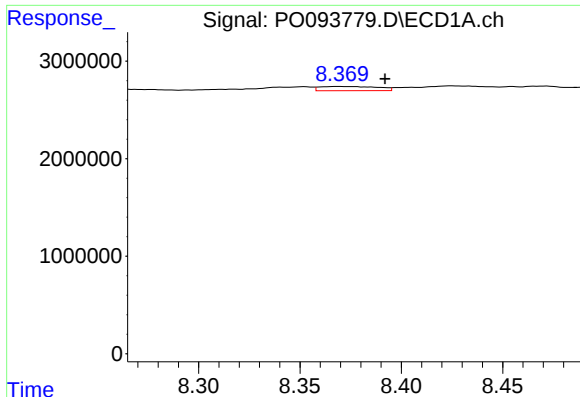
#36 AR-1262-1

R.T.: 7.856 min
Delta R.T.: 0.018 min
Response: 324892
Conc: 1.90 ng/ml



#36 AR-1262-1

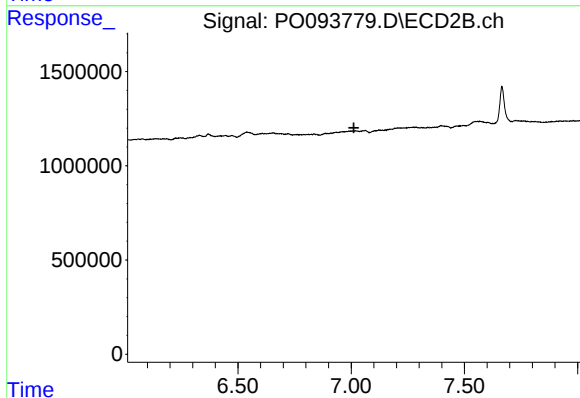
R.T.: 0.000 min
Exp R.T.: 6.805 min
Response: 0
Conc: N.D.



#37 AR-1262-2

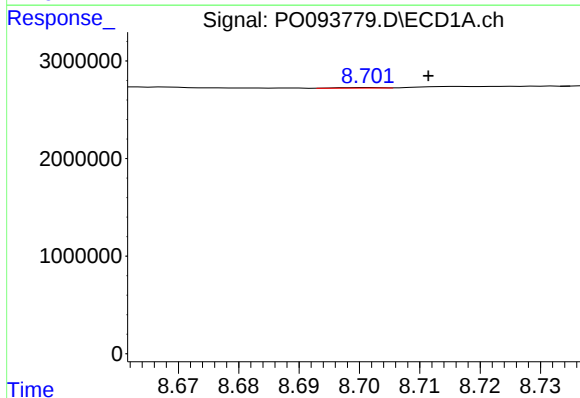
R.T.: 8.370 min
Delta R.T.: -0.022 min
Response: 864388
Conc: 3.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



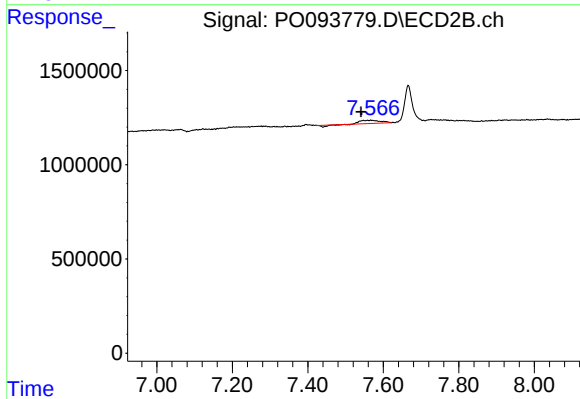
#37 AR-1262-2

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



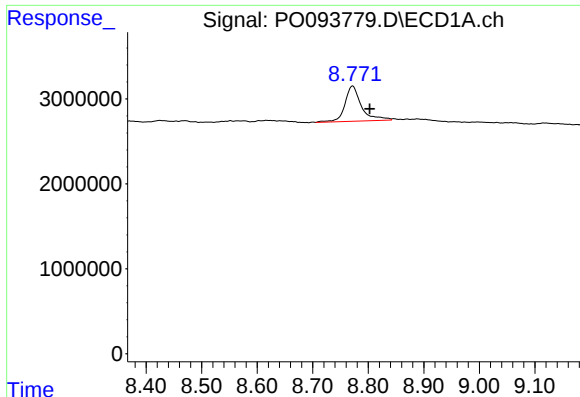
#38 AR-1262-3

R.T.: 8.701 min
Delta R.T.: -0.011 min
Response: 28068
Conc: 0.17 ng/ml



#38 AR-1262-3

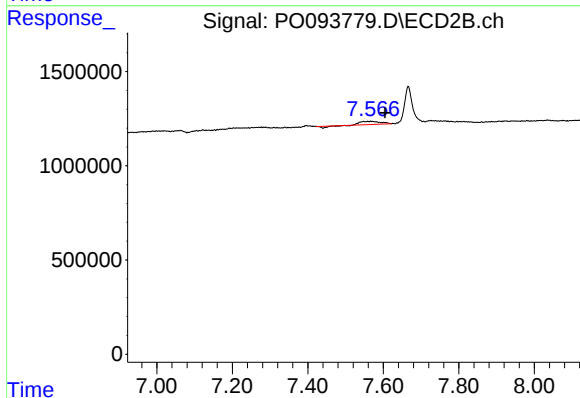
R.T.: 7.568 min
Delta R.T.: 0.027 min
Response: 542108
Conc: 10.83 ng/ml



#39 AR-1262-4

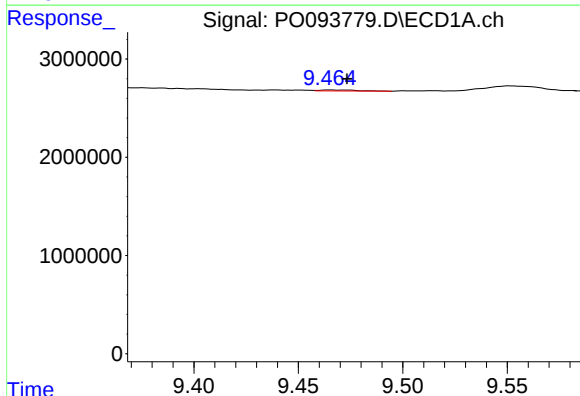
R.T.: 8.772 min
Delta R.T.: -0.031 min
Response: 8653081
Conc: 86.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



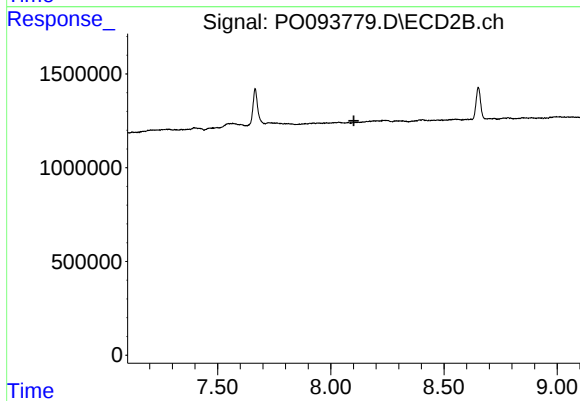
#39 AR-1262-4

R.T.: 7.568 min
Delta R.T.: -0.037 min
Response: 542108
Conc: 6.54 ng/ml



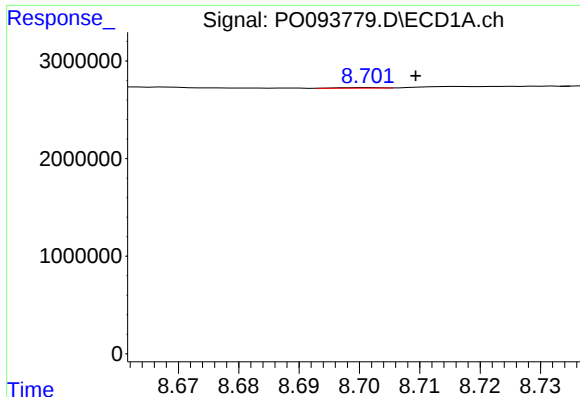
#40 AR-1262-5

R.T.: 9.466 min
Delta R.T.: -0.008 min
Response: 128885
Conc: 1.60 ng/ml



#40 AR-1262-5

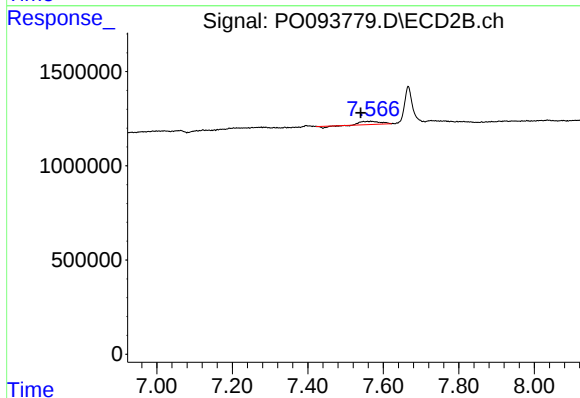
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

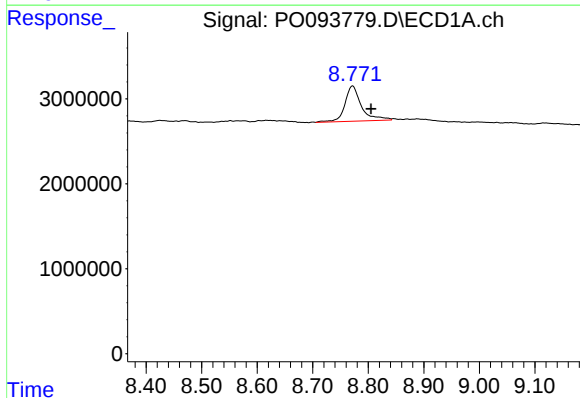
R.T.: 8.701 min
Delta R.T.: -0.008 min
Response: 28068
Conc: 0.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



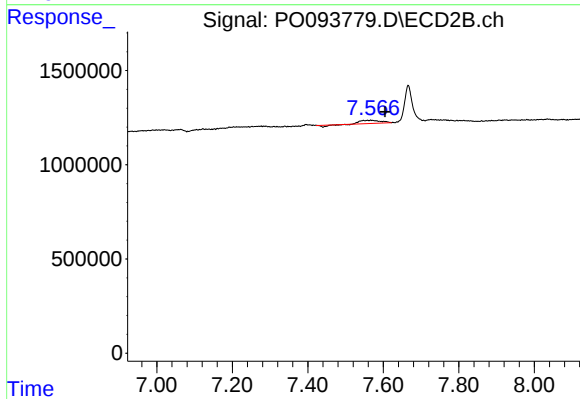
#41 AR-1268-1

R.T.: 7.568 min
Delta R.T.: 0.027 min
Response: 542108
Conc: 3.55 ng/ml



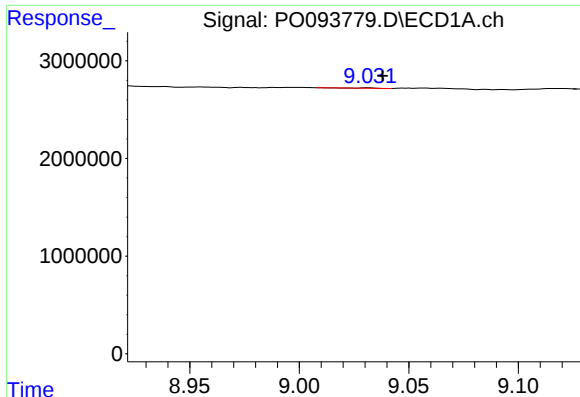
#42 AR-1268-2

R.T.: 8.772 min
Delta R.T.: -0.033 min
Response: 8653081
Conc: 26.89 ng/ml



#42 AR-1268-2

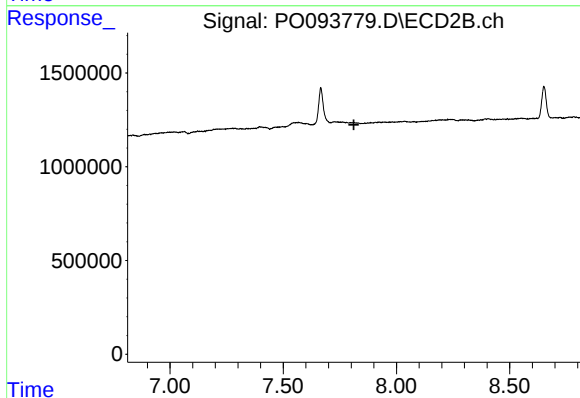
R.T.: 7.568 min
Delta R.T.: -0.037 min
Response: 542108
Conc: 3.99 ng/ml



#43 AR-1268-3

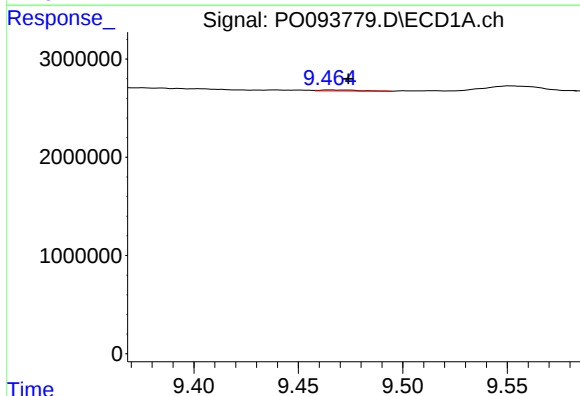
R.T.: 9.032 min
Delta R.T.: -0.006 min
Response: 18885
Conc: 0.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



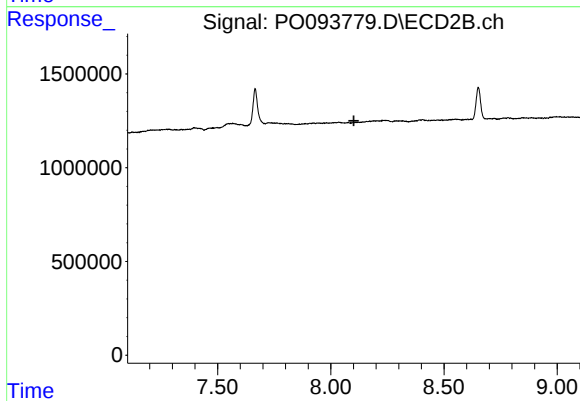
#43 AR-1268-3

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



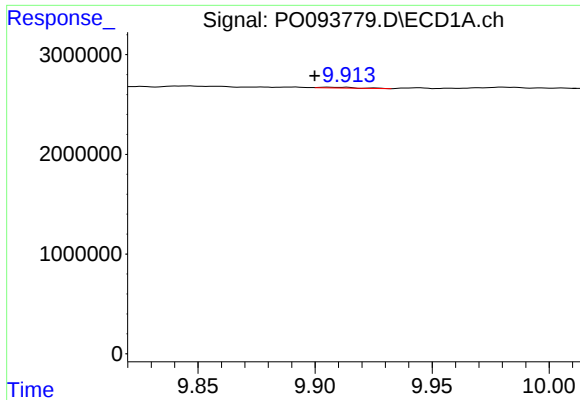
#44 AR-1268-4

R.T.: 9.466 min
Delta R.T.: -0.008 min
Response: 128885
Conc: 1.33 ng/ml



#44 AR-1268-4

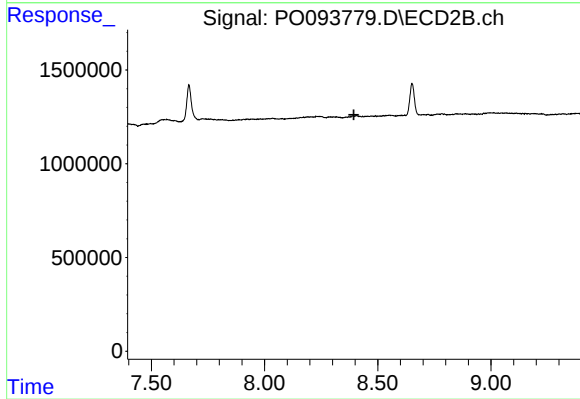
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.906 min
Delta R.T.: 0.006 min
Response: 83258
Conc: 0.10 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.