

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040723\
 Data File : P0093965.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 01:58
 Operator : YP/AJ
 Sample : 02213-02
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 13:04:27 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...	4.418	3.623	69384648	25496592	18.561	20.022
2)	SA Decachlor...	10.237	8.640	52500750	24230016	23.470	24.235
Target Compounds							
3)	L1 AR-1016-1	5.593	4.720	1004393	436206	9.822	12.294 #
4)	L1 AR-1016-2	5.615	4.720	1271145	436206	8.156	8.076
5)	L1 AR-1016-3	5.672	4.952f	1393830	484412	14.132	17.091
6)	L1 AR-1016-4	5.778	4.952	159953	484412	2.175	18.345 #
7)	L1 AR-1016-5	6.077	0.000	243912	0	2.881	N.D. #
8)	L2 AR-1221-1	4.627	3.835	2286936	765843	49.587	48.908
9)	L2 AR-1221-2	4.717	3.921	2402373	881312	69.986	74.672
10)	L2 AR-1221-3	4.791	3.997	5433062	1875888	51.874	50.923
11)	L3 AR-1232-1	4.791	3.997	5433062	1875888	62.251	60.046
12)	L3 AR-1232-2	5.324	4.720	557177	436206	13.029	16.477 #
13)	L3 AR-1232-3	5.615	4.952f	1271145	484412	17.305	36.728 #
14)	L3 AR-1232-4	5.778	4.952f	159953	484412	4.647	34.087 #
15)	L3 AR-1232-5	5.877	0.000	298808	0	9.408	N.D. #
16)	L4 AR-1242-1	5.593	4.720	1004393	436206	11.507	14.175
17)	L4 AR-1242-2	5.615	4.720	1271145	436206	9.560	9.484
18)	L4 AR-1242-3	5.672	4.952f	1393830	484412	16.420	19.989
19)	L4 AR-1242-4	5.778	4.952f	159953	484412	2.560	17.255 #
20)	L4 AR-1242-5	6.523	0.000	204999	0	3.045	N.D. #
21)	L5 AR-1248-1	5.593	4.720	1004393	436206	14.928	18.288
22)	L5 AR-1248-2	5.877	4.952	298808	484412	2.732	12.161 #
23)	L5 AR-1248-3	6.077	4.952f	243912	484412	2.020	11.606 #
24)	L5 AR-1248-4	6.488	0.000	560591	0	5.220	N.D. #
25)	L5 AR-1248-5	6.523	0.000	204999	0	1.767	N.D. #
26)	L6 AR-1254-1	6.457	0.000	164043	0	1.210	N.D. #
27)	L6 AR-1254-2	6.676	0.000	238857	0	1.222	N.D. #
28)	L6 AR-1254-3	7.046	0.000	1040837	0	5.634	N.D. #
29)	L6 AR-1254-4	7.327	6.362f	76870	551920	0.758	12.957 #
30)	L6 AR-1254-5	7.776	0.000	1285595	0	9.480	N.D. #
31)	L7 AR-1260-1	7.205	0.000	14031	0	0.096	N.D. #
32)	L7 AR-1260-2	7.488	6.362	1394035	551920	8.710	7.600
33)	L7 AR-1260-3	7.836	6.519	53503	856978	0.403	11.808 #
34)	L7 AR-1260-4	8.048	0.000	8846	0	0.064	N.D. #
35)	L7 AR-1260-5	8.404	0.000	74735	0	0.343	N.D. #
36)	L8 AR-1262-1	7.836	0.000	53503	0	0.313	N.D. #
37)	L8 AR-1262-2	8.404	0.000	74735	0	0.322	N.D. #
38)	L8 AR-1262-3	8.716	0.000	180765	0	1.104	N.D. #
39)	L8 AR-1262-4	8.820	7.657f	187272	614090	1.869	7.405 #
40)	L8 AR-1262-5	9.460	0.000	861444	0	10.703	N.D. #
41)	L9 AR-1268-1	8.703	0.000	174232	0	0.518	N.D. #

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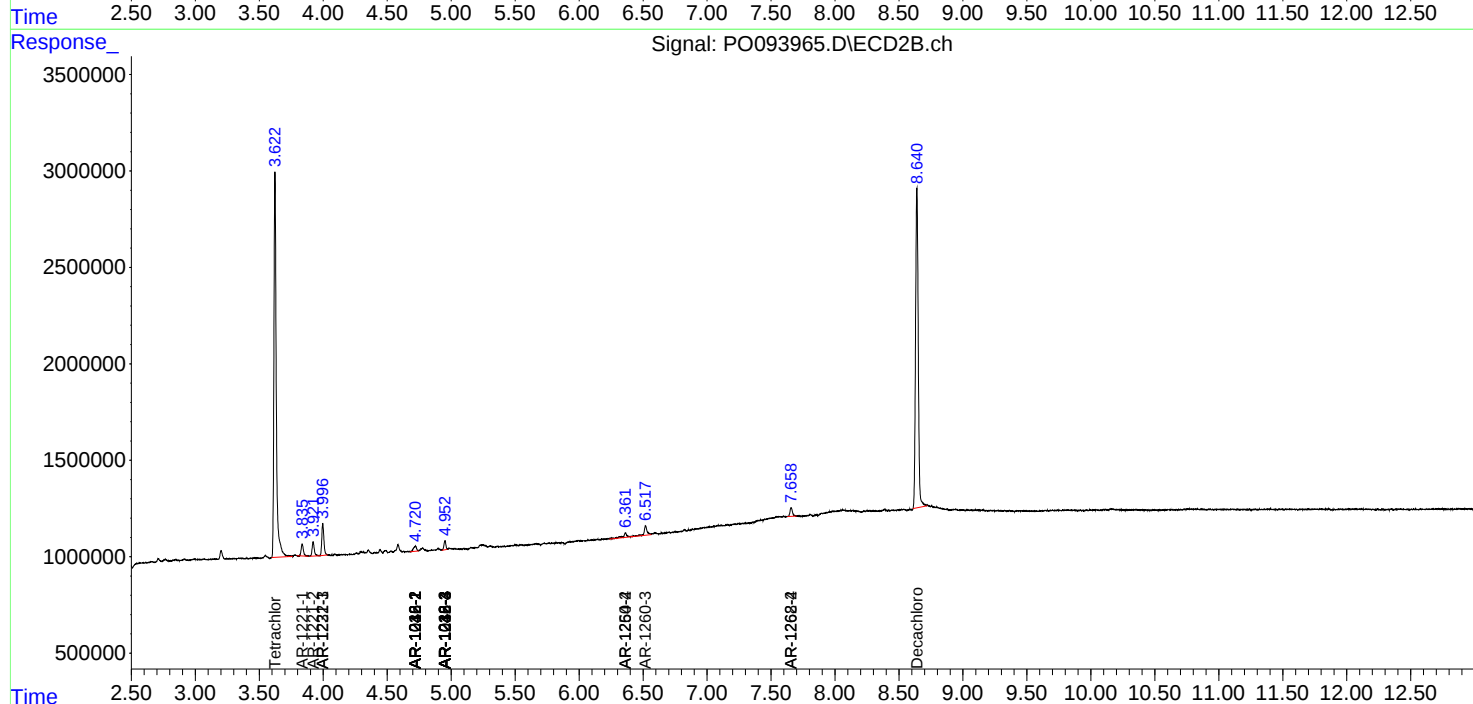
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

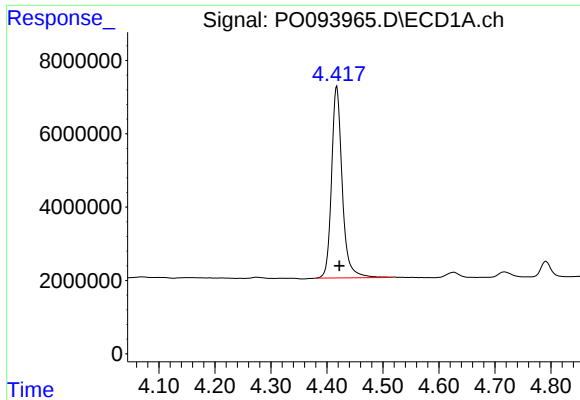
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.820	7.657f	187272	614090	0.582	4.520 #
43) L9	AR-1268-3	9.041	0.000	123415	0	0.435	N.D. #
44) L9	AR-1268-4	9.460	0.000	861444	0	8.910	N.D. #
45) L9	AR-1268-5	9.905	0.000	10670	0	0.013	N.D. #

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

Instrument :
ECD_O
ClientSampleId :

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

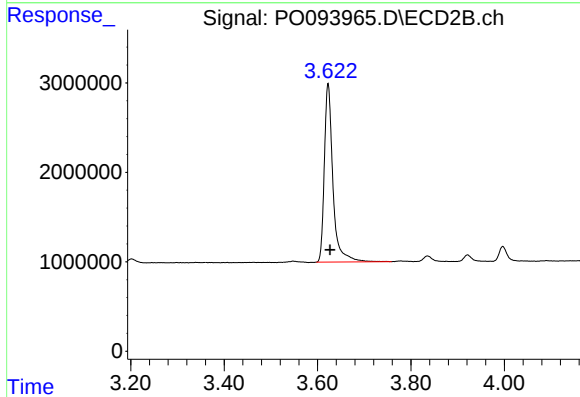




#1 Tetrachloro-m-xylene

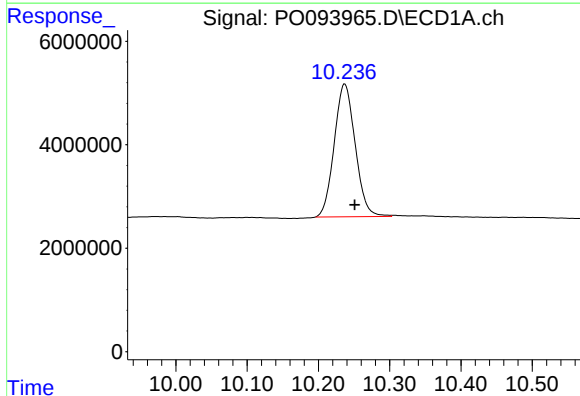
R.T.: 4.418 min
Delta R.T.: -0.004 min
Response: 69384648
Conc: 18.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



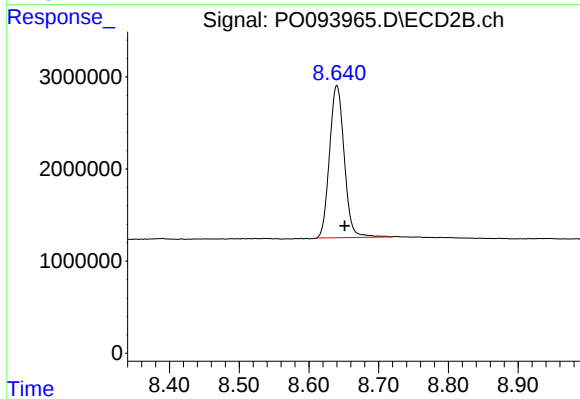
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.004 min
Response: 25496592
Conc: 20.02 ng/ml



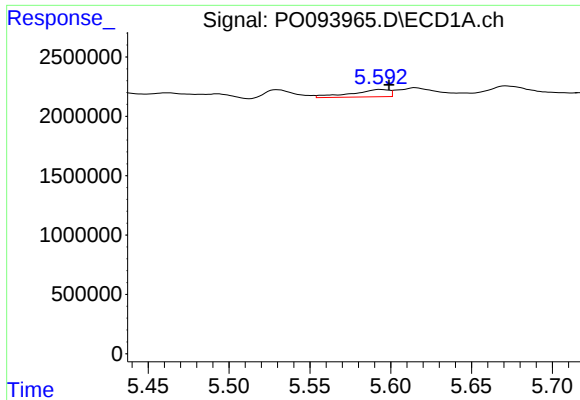
#2 Decachlorobiphenyl

R.T.: 10.237 min
Delta R.T.: -0.014 min
Response: 52500750
Conc: 23.47 ng/ml



#2 Decachlorobiphenyl

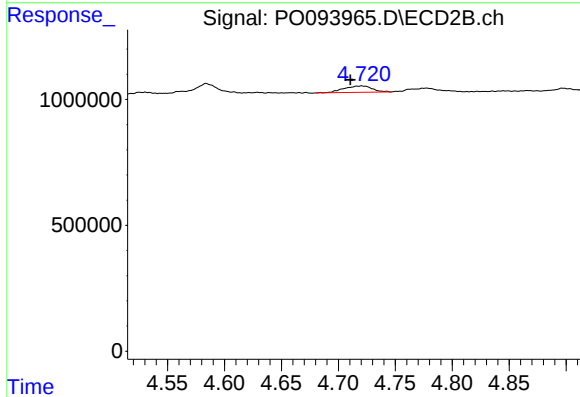
R.T.: 8.640 min
Delta R.T.: -0.011 min
Response: 24230016
Conc: 24.24 ng/ml



#3 AR-1016-1

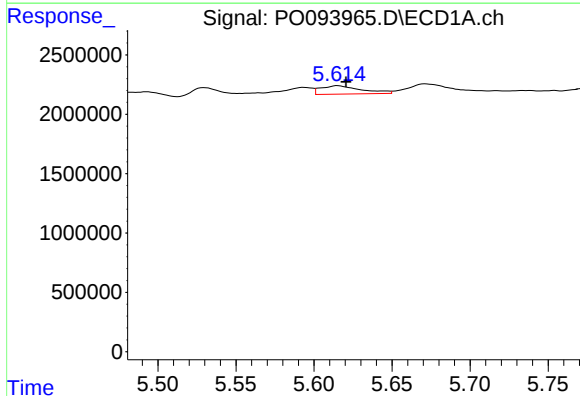
R.T.: 5.593 min
Delta R.T.: -0.005 min
Response: 1004393
Conc: 9.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



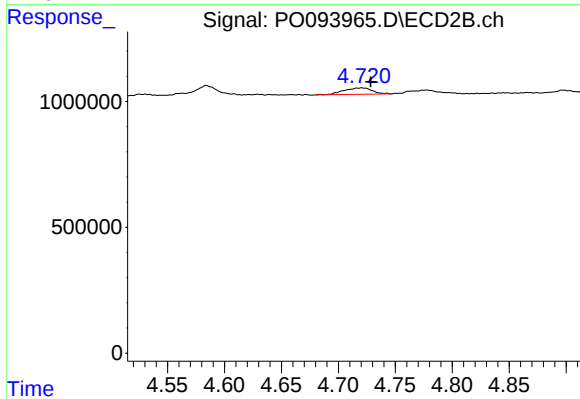
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: 0.010 min
Response: 436206
Conc: 12.29 ng/ml



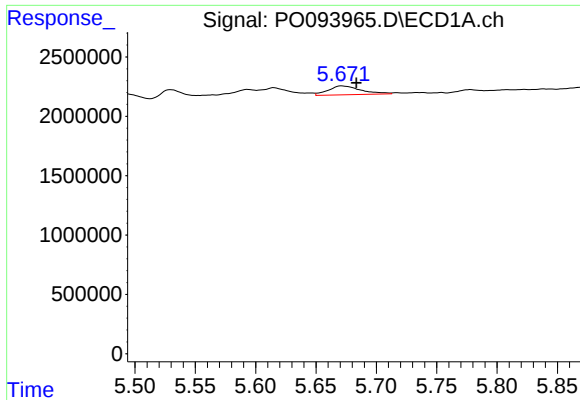
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: -0.005 min
Response: 1271145
Conc: 8.16 ng/ml



#4 AR-1016-2

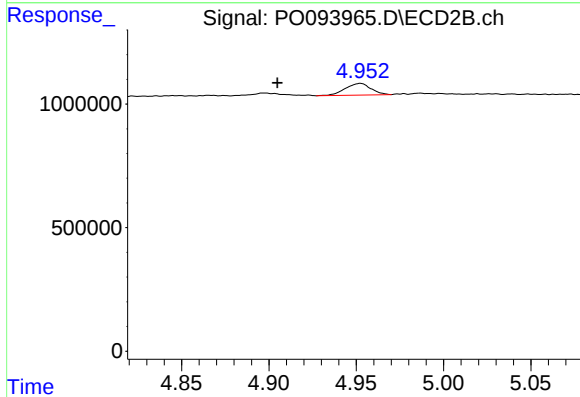
R.T.: 4.720 min
Delta R.T.: -0.008 min
Response: 436206
Conc: 8.08 ng/ml



#5 AR-1016-3

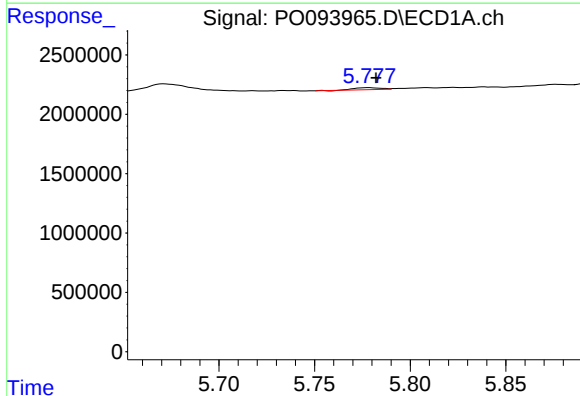
R.T.: 5.672 min
Delta R.T.: -0.012 min
Response: 1393830
Conc: 14.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



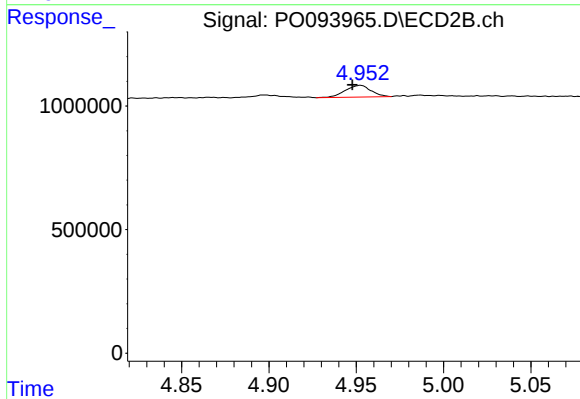
#5 AR-1016-3

R.T.: 4.952 min
Delta R.T.: 0.047 min
Response: 484412
Conc: 17.09 ng/ml



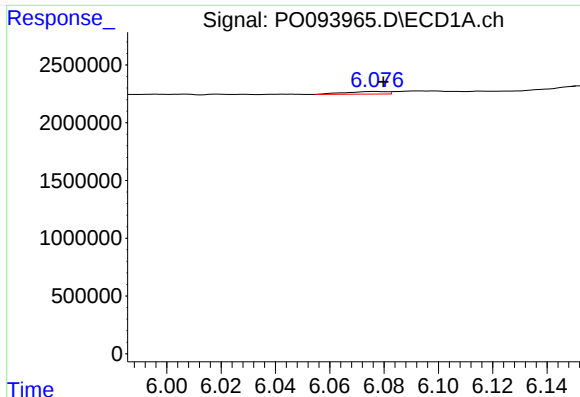
#6 AR-1016-4

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 159953
Conc: 2.18 ng/ml



#6 AR-1016-4

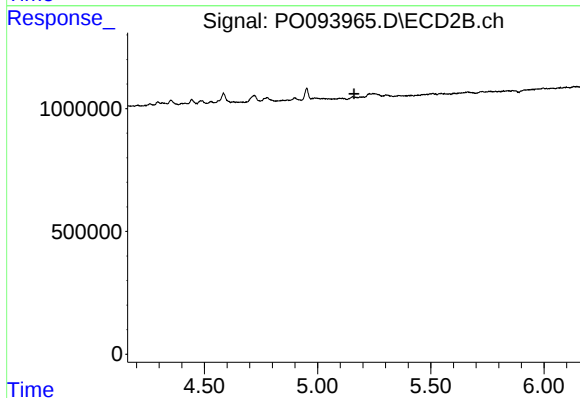
R.T.: 4.952 min
Delta R.T.: 0.005 min
Response: 484412
Conc: 18.34 ng/ml



#7 AR-1016-5

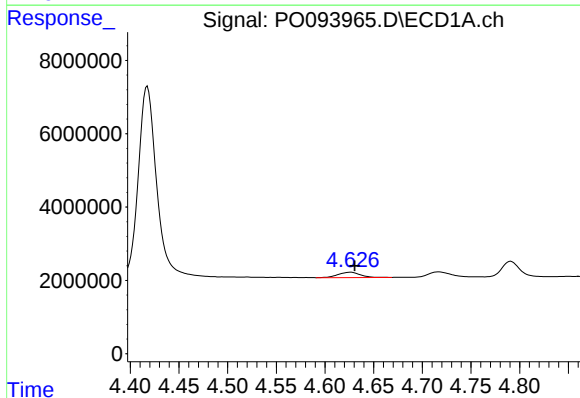
R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 243912
Conc: 2.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



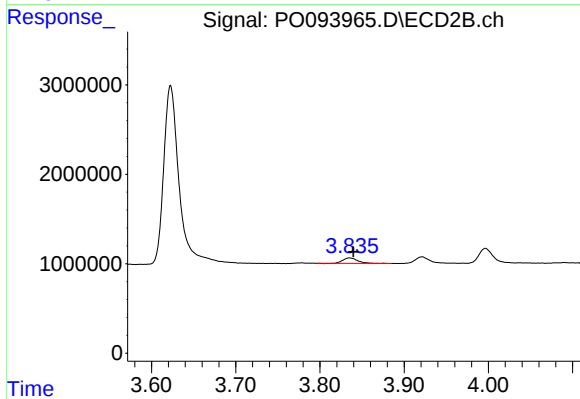
#7 AR-1016-5

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



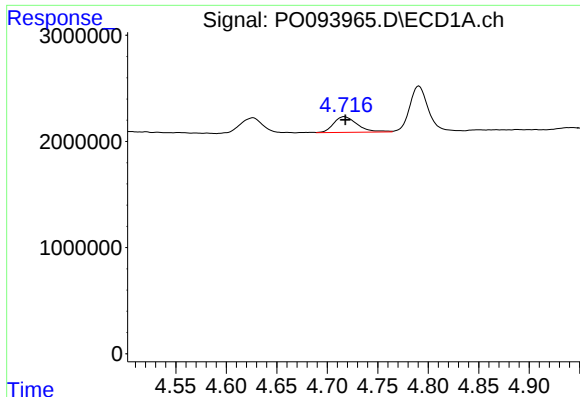
#8 AR-1221-1

R.T.: 4.627 min
Delta R.T.: -0.004 min
Response: 2286936
Conc: 49.59 ng/ml



#8 AR-1221-1

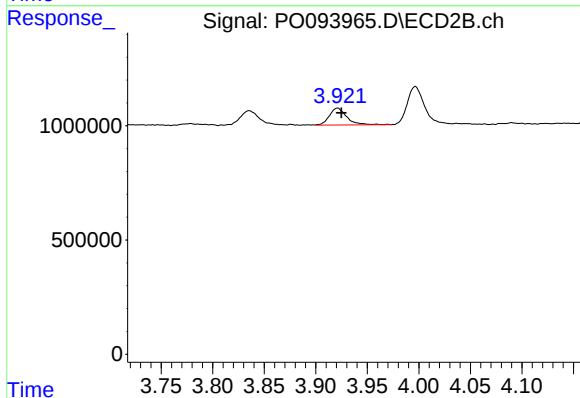
R.T.: 3.835 min
Delta R.T.: -0.004 min
Response: 765843
Conc: 48.91 ng/ml



#9 AR-1221-2

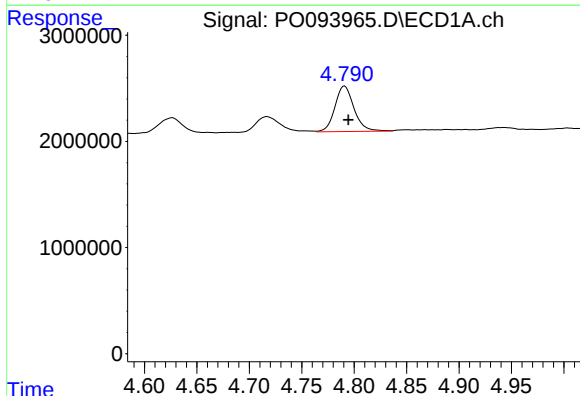
R.T.: 4.717 min
Delta R.T.: -0.001 min
Response: 2402373
Conc: 69.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



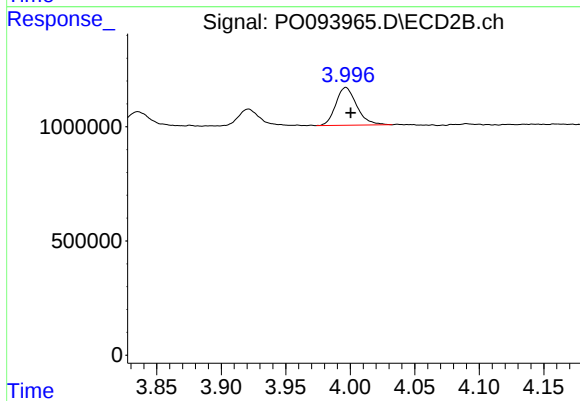
#9 AR-1221-2

R.T.: 3.921 min
Delta R.T.: -0.004 min
Response: 881312
Conc: 74.67 ng/ml



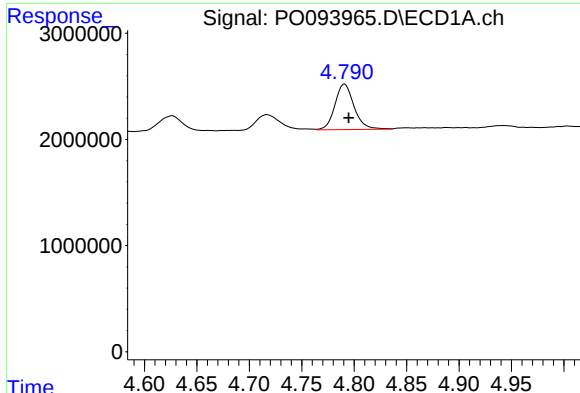
#10 AR-1221-3

R.T.: 4.791 min
Delta R.T.: -0.004 min
Response: 5433062
Conc: 51.87 ng/ml



#10 AR-1221-3

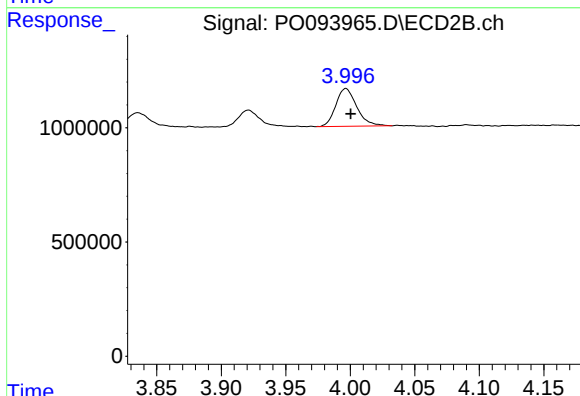
R.T.: 3.997 min
Delta R.T.: -0.004 min
Response: 1875888
Conc: 50.92 ng/ml



#11 AR-1232-1

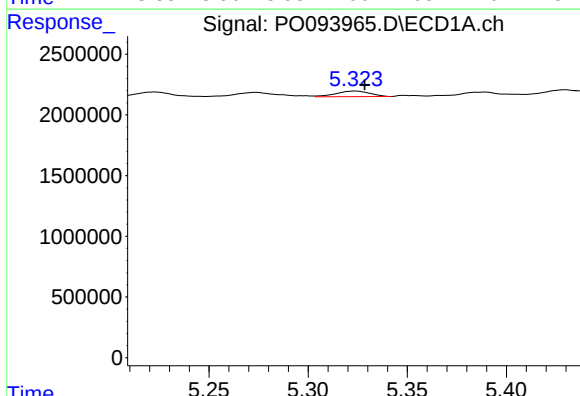
R.T.: 4.791 min
Delta R.T.: -0.004 min
Response: 5433062
Conc: 62.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



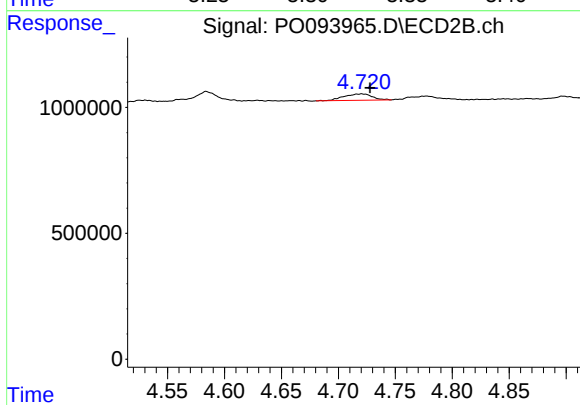
#11 AR-1232-1

R.T.: 3.997 min
Delta R.T.: -0.004 min
Response: 1875888
Conc: 60.05 ng/ml



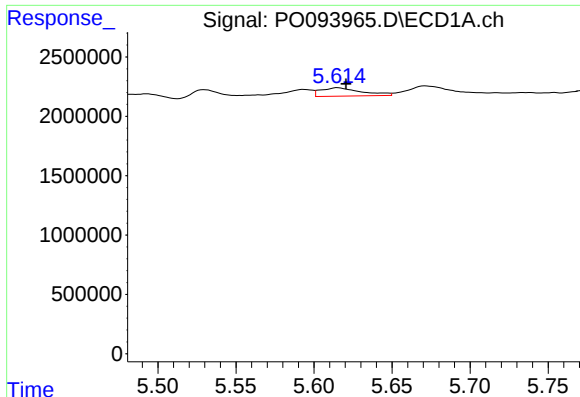
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: -0.005 min
Response: 557177
Conc: 13.03 ng/ml



#12 AR-1232-2

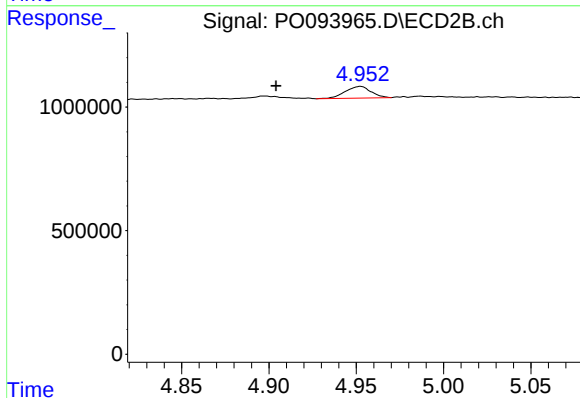
R.T.: 4.720 min
Delta R.T.: -0.008 min
Response: 436206
Conc: 16.48 ng/ml



#13 AR-1232-3

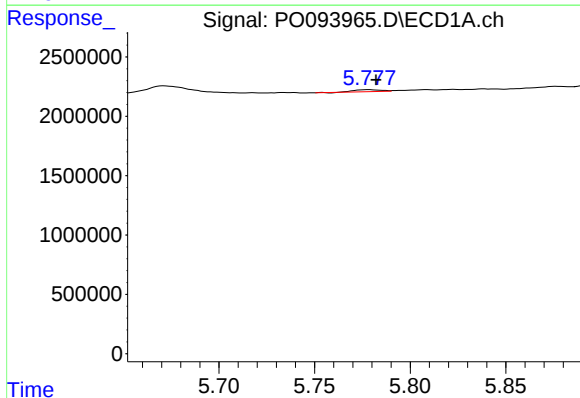
R.T.: 5.615 min
Delta R.T.: -0.005 min
Response: 1271145
Conc: 17.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



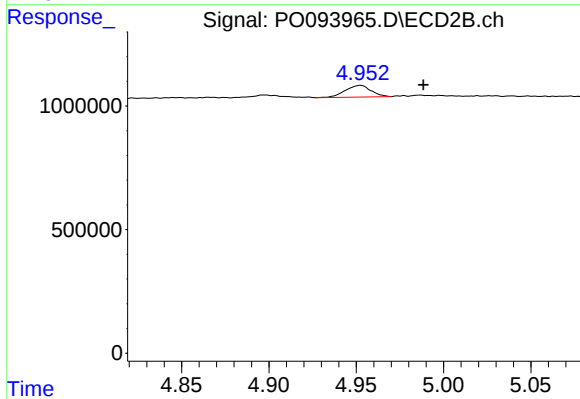
#13 AR-1232-3

R.T.: 4.952 min
Delta R.T.: 0.048 min
Response: 484412
Conc: 36.73 ng/ml



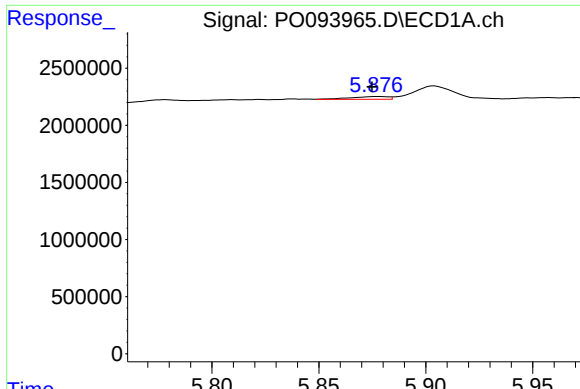
#14 AR-1232-4

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 159953
Conc: 4.65 ng/ml



#14 AR-1232-4

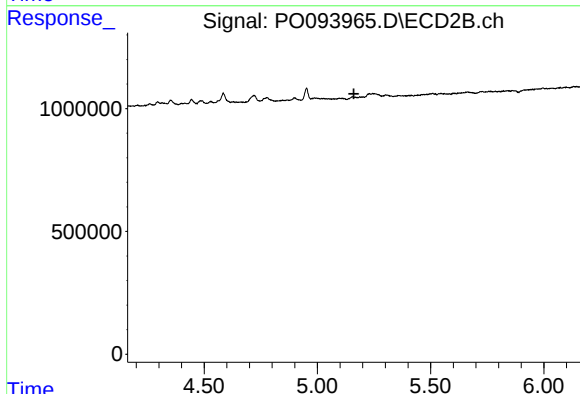
R.T.: 4.952 min
Delta R.T.: -0.036 min
Response: 484412
Conc: 34.09 ng/ml



#15 AR-1232-5

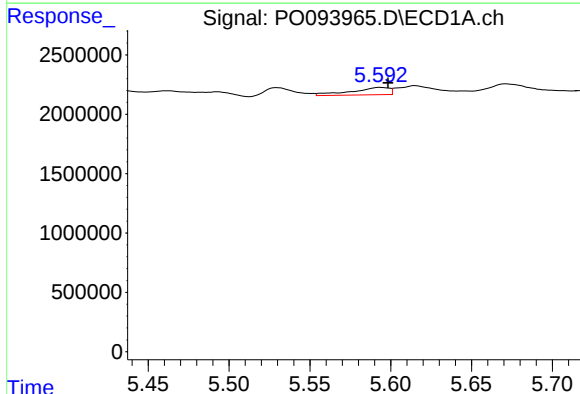
R.T.: 5.877 min
Delta R.T.: 0.002 min
Response: 298808
Conc: 9.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



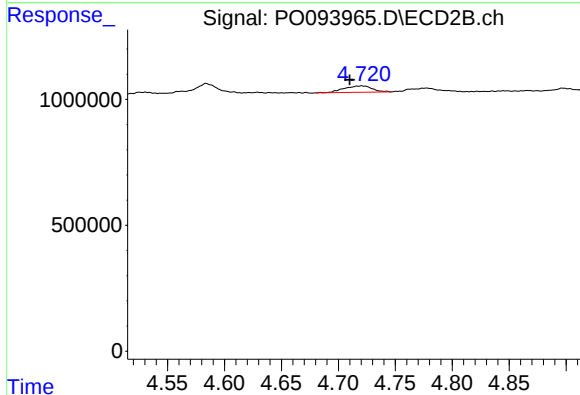
#15 AR-1232-5

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



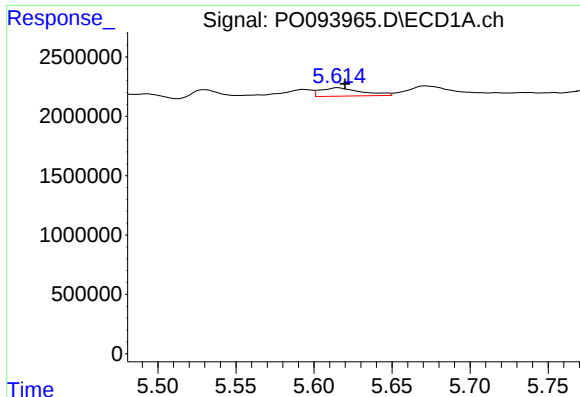
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: -0.005 min
Response: 1004393
Conc: 11.51 ng/ml



#16 AR-1242-1

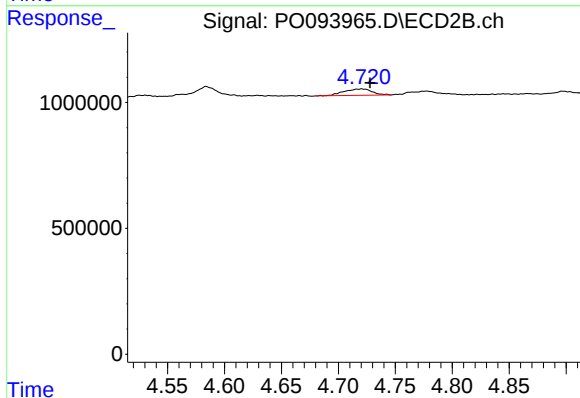
R.T.: 4.720 min
Delta R.T.: 0.010 min
Response: 436206
Conc: 14.18 ng/ml



#17 AR-1242-2

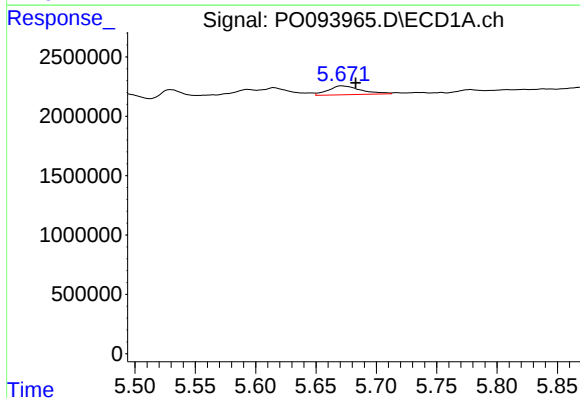
R.T.: 5.615 min
Delta R.T.: -0.005 min
Response: 1271145
Conc: 9.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



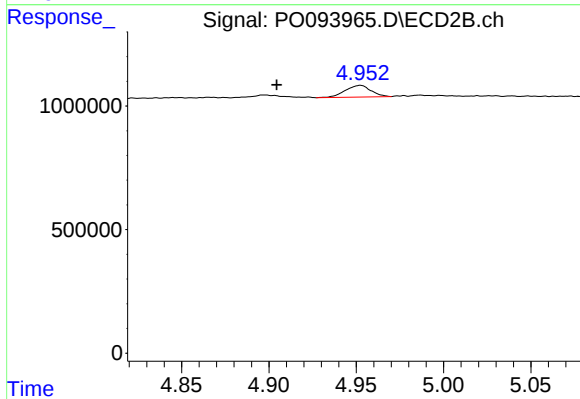
#17 AR-1242-2

R.T.: 4.720 min
Delta R.T.: -0.008 min
Response: 436206
Conc: 9.48 ng/ml



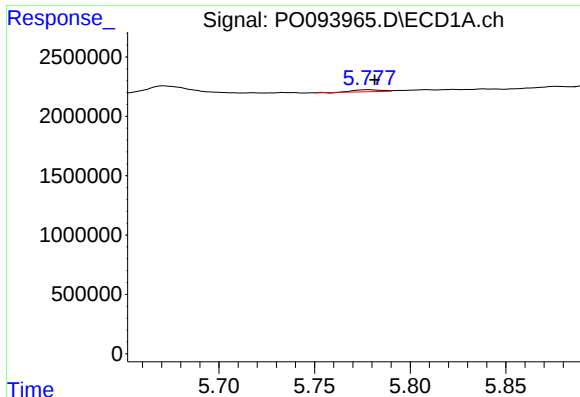
#18 AR-1242-3

R.T.: 5.672 min
Delta R.T.: -0.011 min
Response: 1393830
Conc: 16.42 ng/ml



#18 AR-1242-3

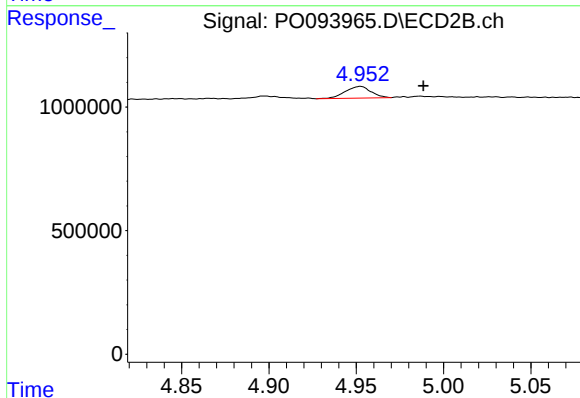
R.T.: 4.952 min
Delta R.T.: 0.048 min
Response: 484412
Conc: 19.99 ng/ml



#19 AR-1242-4

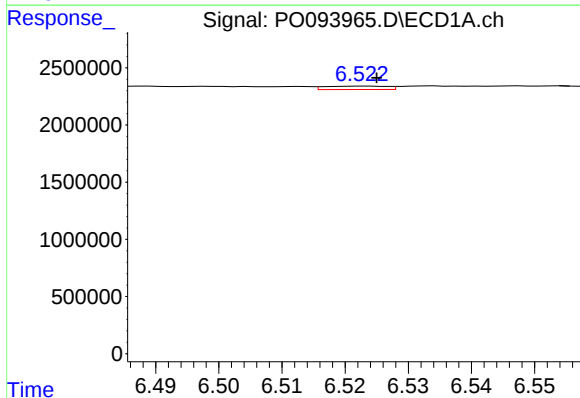
R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 159953
Conc: 2.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



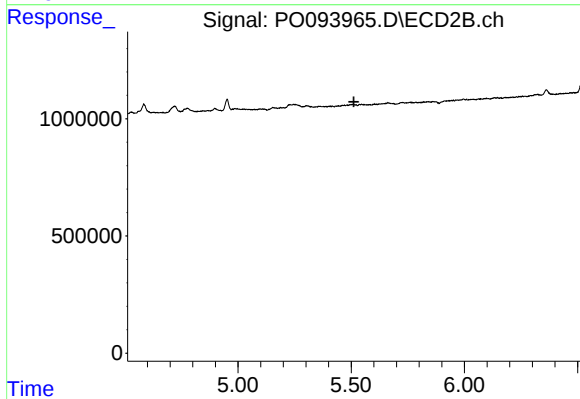
#19 AR-1242-4

R.T.: 4.952 min
Delta R.T.: -0.036 min
Response: 484412
Conc: 17.26 ng/ml



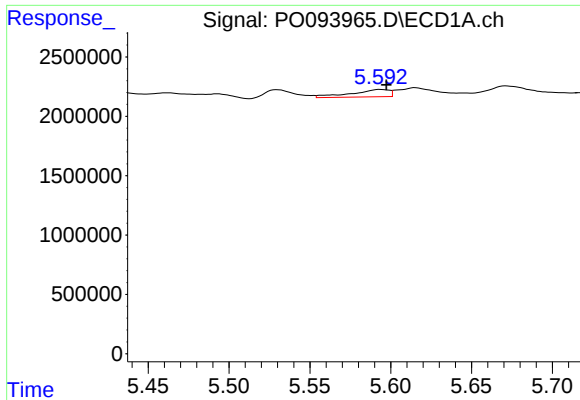
#20 AR-1242-5

R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 204999
Conc: 3.04 ng/ml



#20 AR-1242-5

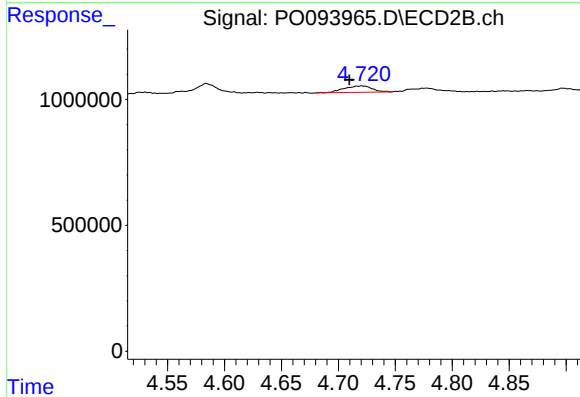
R.T.: 0.000 min
Exp R.T.: 5.512 min
Response: 0
Conc: N.D.



#21 AR-1248-1

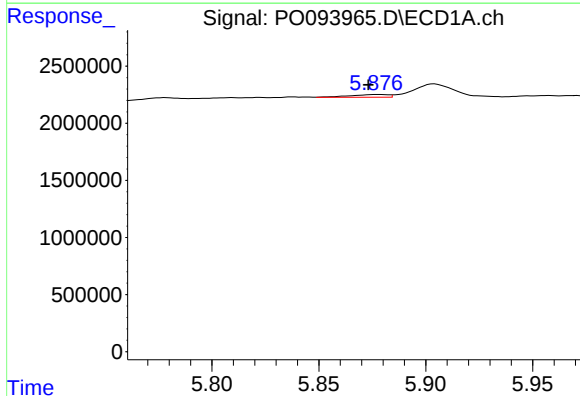
R.T.: 5.593 min
Delta R.T.: -0.004 min
Response: 1004393
Conc: 14.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



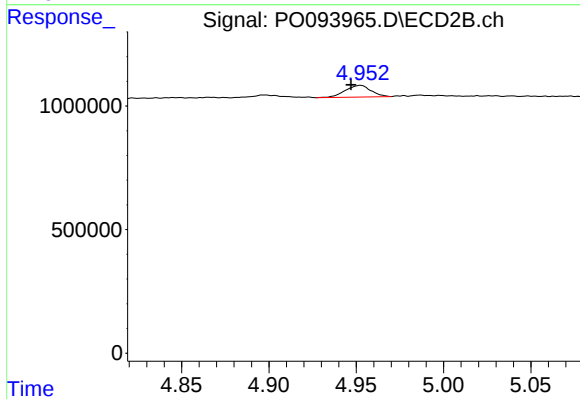
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: 0.011 min
Response: 436206
Conc: 18.29 ng/ml



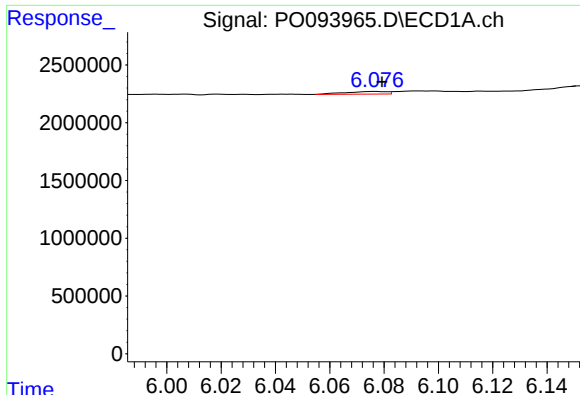
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: 0.004 min
Response: 298808
Conc: 2.73 ng/ml



#22 AR-1248-2

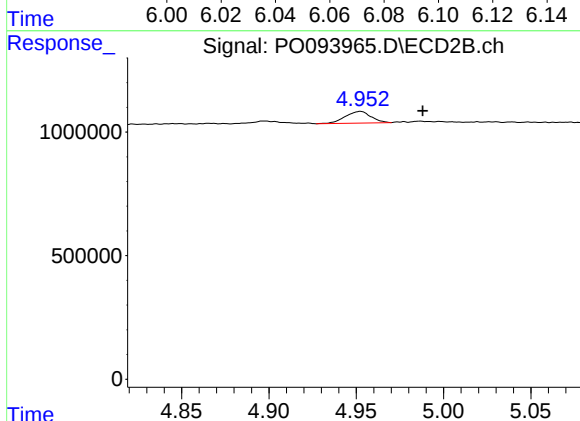
R.T.: 4.952 min
Delta R.T.: 0.005 min
Response: 484412
Conc: 12.16 ng/ml



#23 AR-1248-3

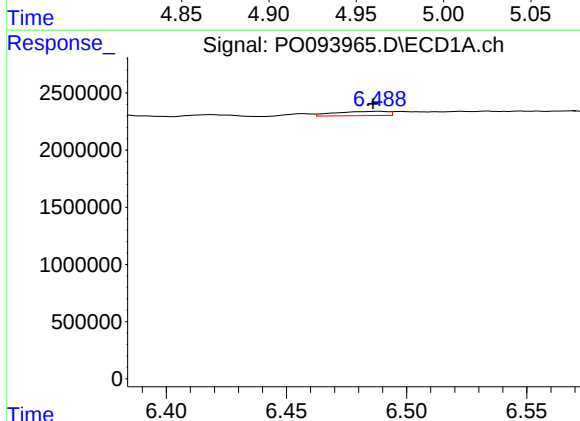
R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 243912
Conc: 2.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



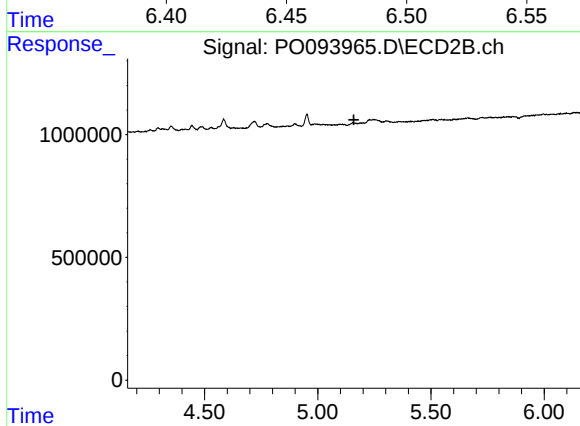
#23 AR-1248-3

R.T.: 4.952 min
Delta R.T.: -0.036 min
Response: 484412
Conc: 11.61 ng/ml



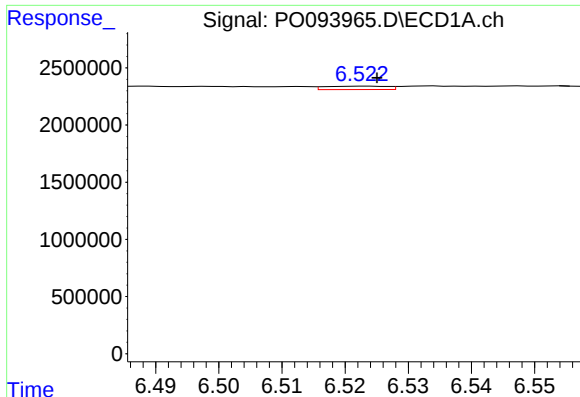
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: 0.002 min
Response: 560591
Conc: 5.22 ng/ml



#24 AR-1248-4

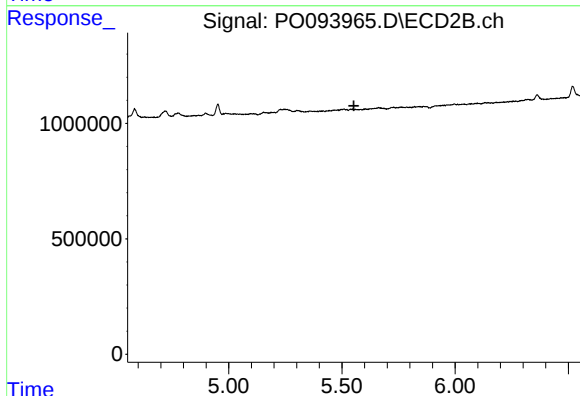
R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

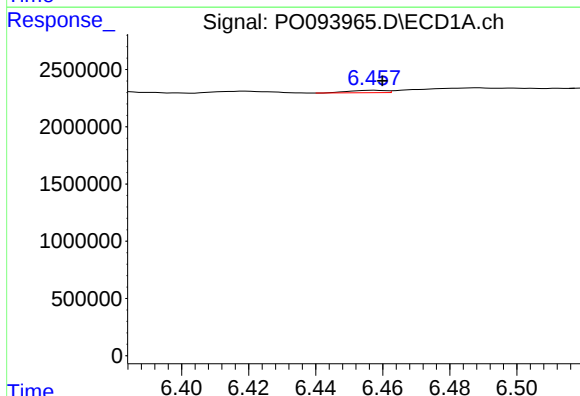
R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 204999
Conc: 1.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



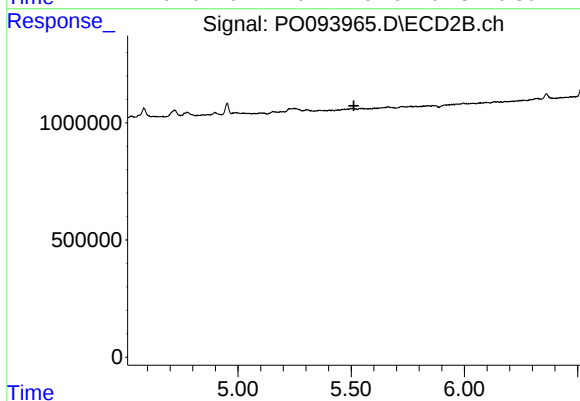
#25 AR-1248-5

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



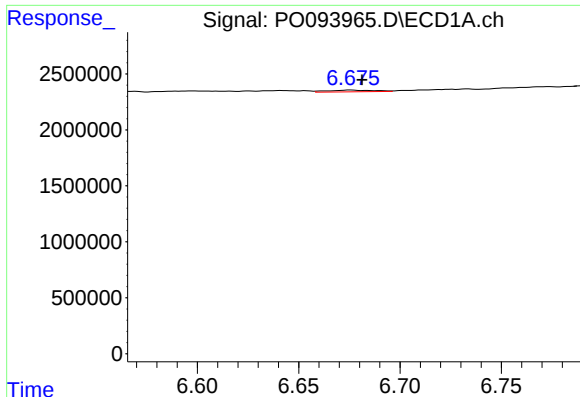
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 164043
Conc: 1.21 ng/ml



#26 AR-1254-1

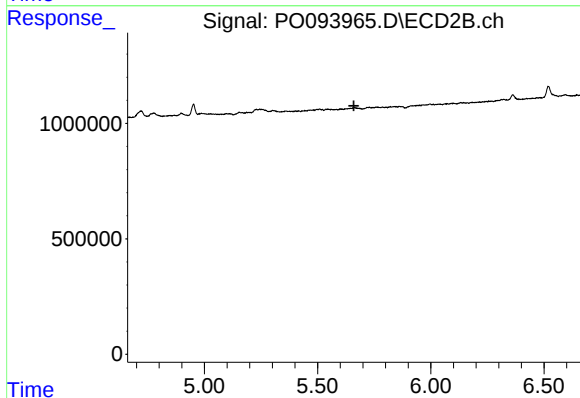
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#27 AR-1254-2

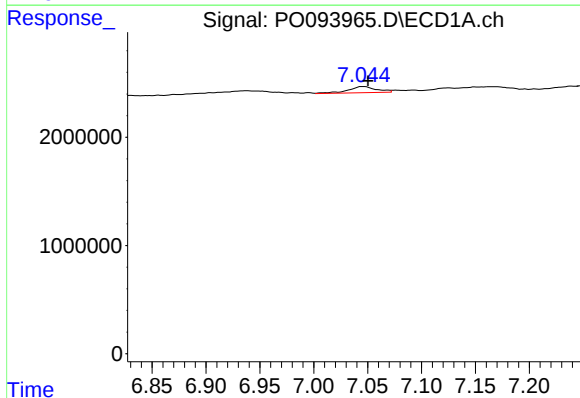
R.T.: 6.676 min
Delta R.T.: -0.005 min
Response: 238857
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



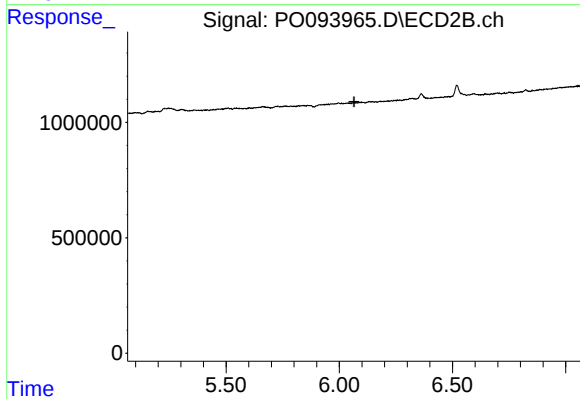
#27 AR-1254-2

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



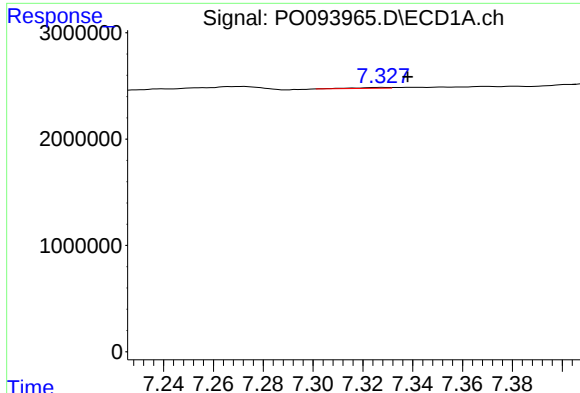
#28 AR-1254-3

R.T.: 7.046 min
Delta R.T.: -0.005 min
Response: 1040837
Conc: 5.63 ng/ml



#28 AR-1254-3

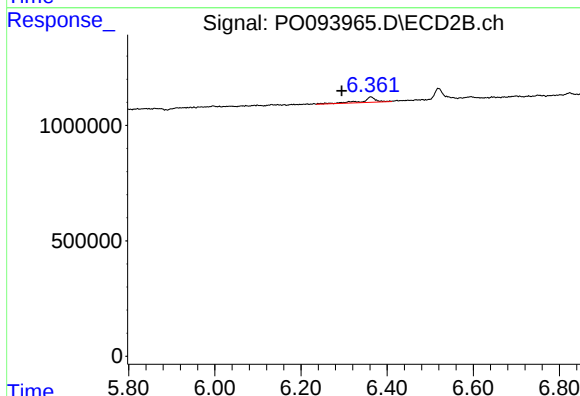
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

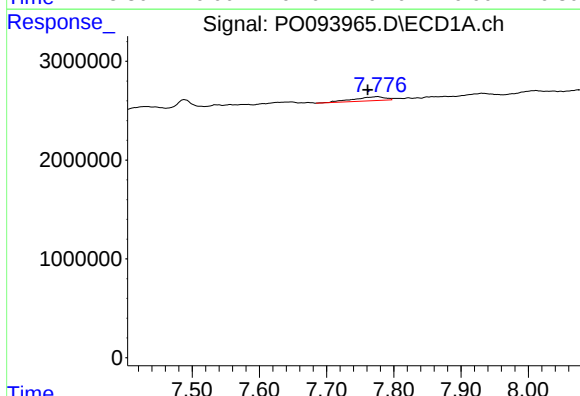
R.T.: 7.327 min
Delta R.T.: -0.011 min
Response: 76870
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



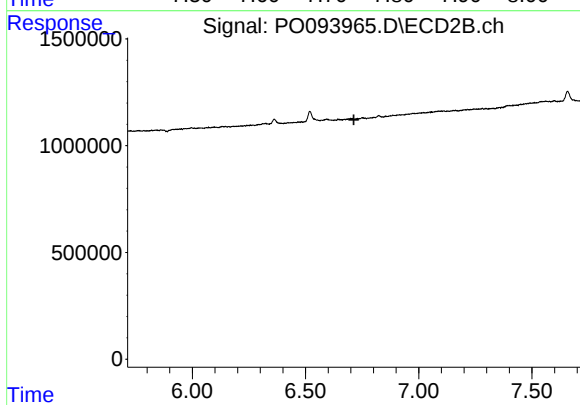
#29 AR-1254-4

R.T.: 6.362 min
Delta R.T.: 0.067 min
Response: 551920
Conc: 12.96 ng/ml



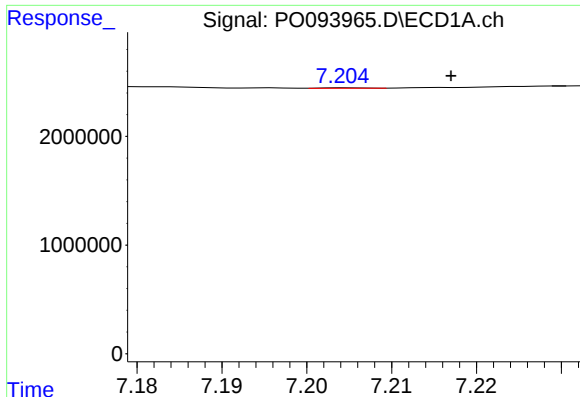
#30 AR-1254-5

R.T.: 7.776 min
Delta R.T.: 0.015 min
Response: 1285595
Conc: 9.48 ng/ml



#30 AR-1254-5

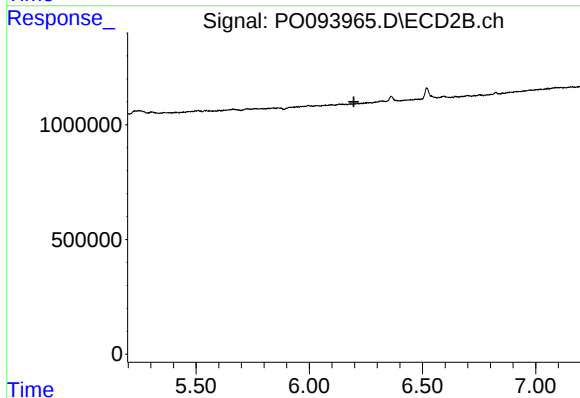
R.T.: 0.000 min
Exp R.T.: 6.714 min
Response: 0
Conc: N.D.



#31 AR-1260-1

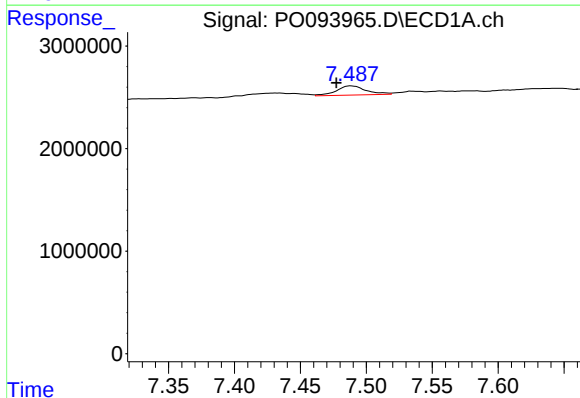
R.T.: 7.205 min
Delta R.T.: -0.012 min
Response: 14031
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



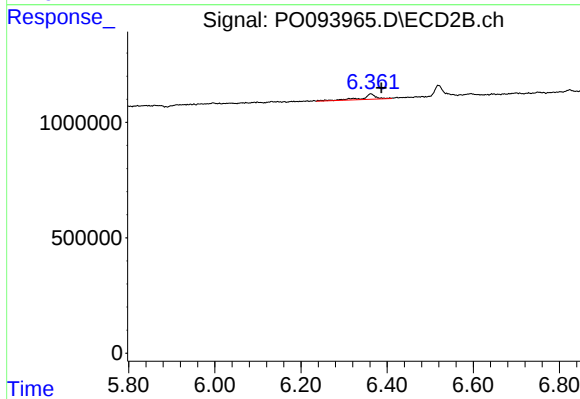
#31 AR-1260-1

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



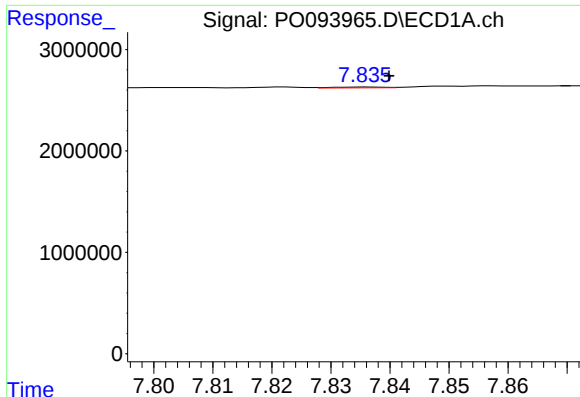
#32 AR-1260-2

R.T.: 7.488 min
Delta R.T.: 0.011 min
Response: 1394035
Conc: 8.71 ng/ml



#32 AR-1260-2

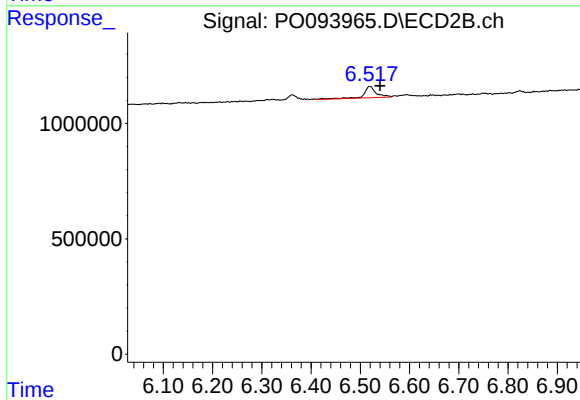
R.T.: 6.362 min
Delta R.T.: -0.025 min
Response: 551920
Conc: 7.60 ng/ml



#33 AR-1260-3

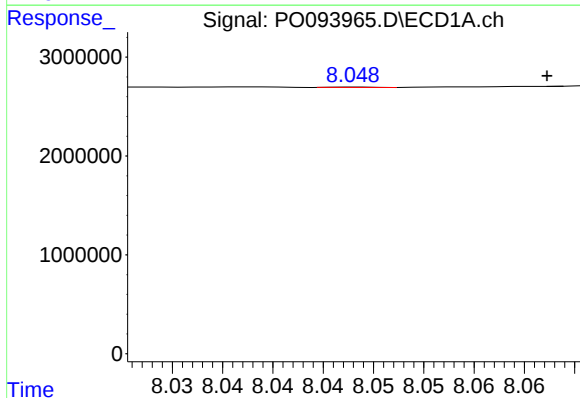
R.T.: 7.836 min
Delta R.T.: -0.004 min
Response: 53503
Conc: 0.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



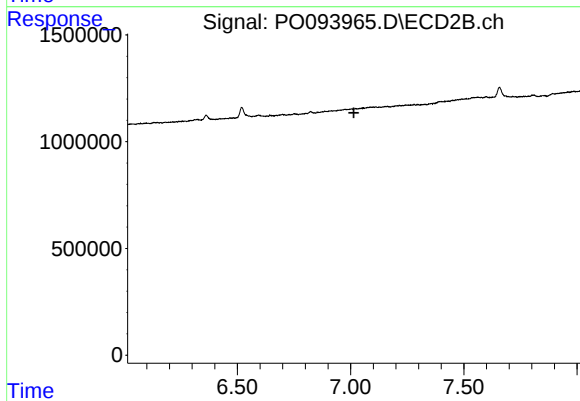
#33 AR-1260-3

R.T.: 6.519 min
Delta R.T.: -0.021 min
Response: 856978
Conc: 11.81 ng/ml



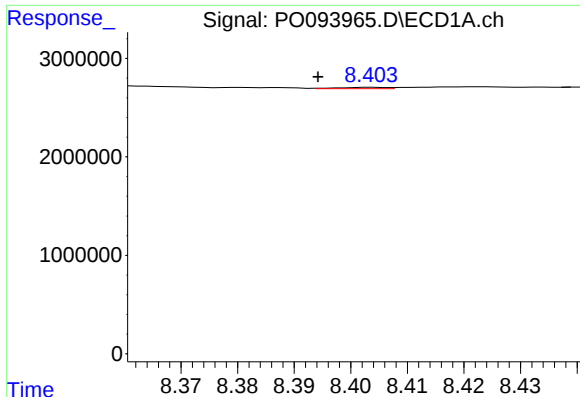
#34 AR-1260-4

R.T.: 8.048 min
Delta R.T.: -0.019 min
Response: 8846
Conc: 0.06 ng/ml



#34 AR-1260-4

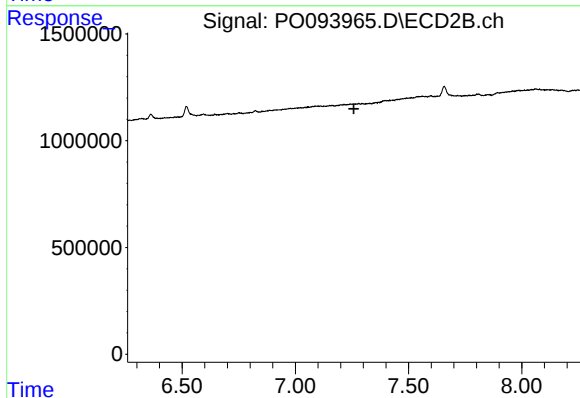
R.T.: 0.000 min
Exp R.T.: 7.014 min
Response: 0
Conc: N.D.



#35 AR-1260-5

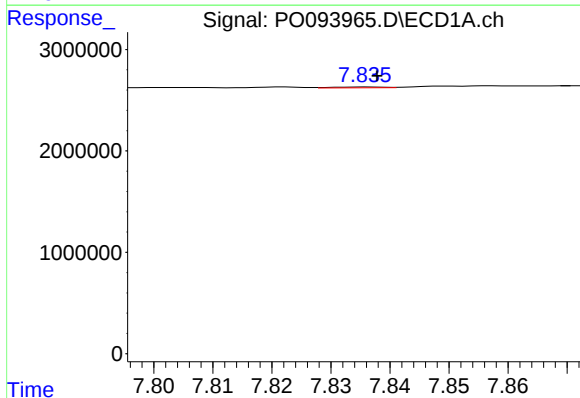
R.T.: 8.404 min
Delta R.T.: 0.010 min
Response: 74735
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



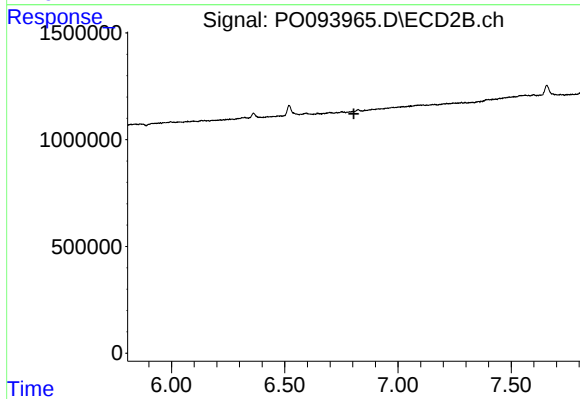
#35 AR-1260-5

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



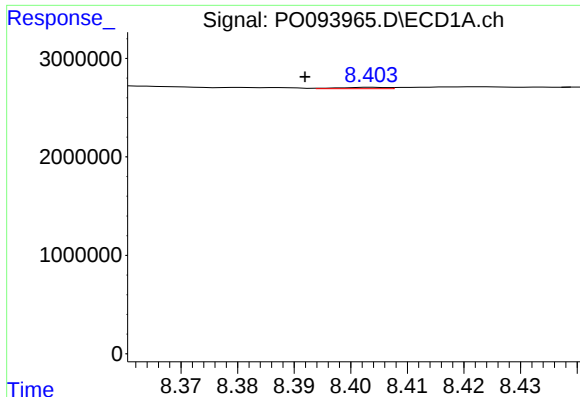
#36 AR-1262-1

R.T.: 7.836 min
Delta R.T.: -0.002 min
Response: 53503
Conc: 0.31 ng/ml



#36 AR-1262-1

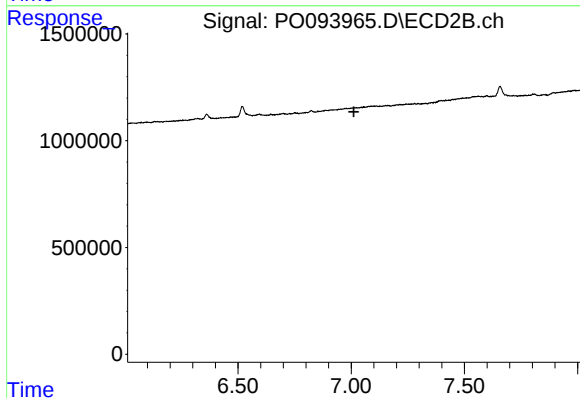
R.T.: 0.000 min
Exp R.T. : 6.805 min
Response: 0
Conc: N.D.



#37 AR-1262-2

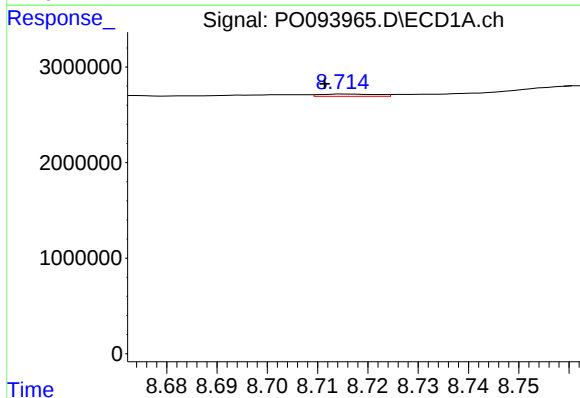
R.T.: 8.404 min
Delta R.T.: 0.012 min
Response: 74735
Conc: 0.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



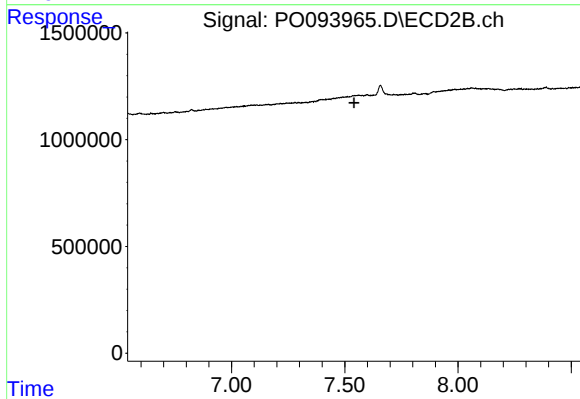
#37 AR-1262-2

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



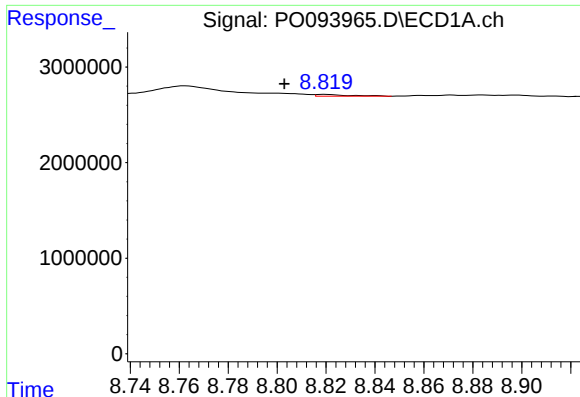
#38 AR-1262-3

R.T.: 8.716 min
Delta R.T.: 0.004 min
Response: 180765
Conc: 1.10 ng/ml



#38 AR-1262-3

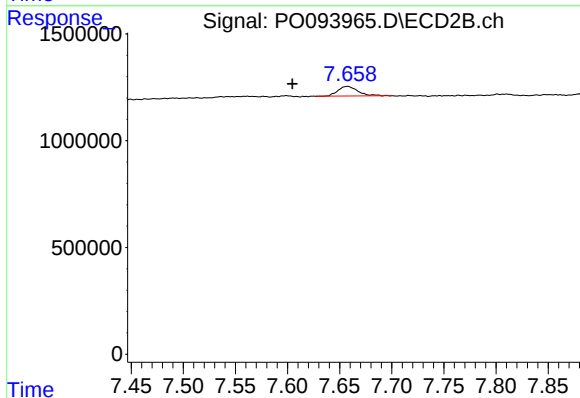
R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#39 AR-1262-4

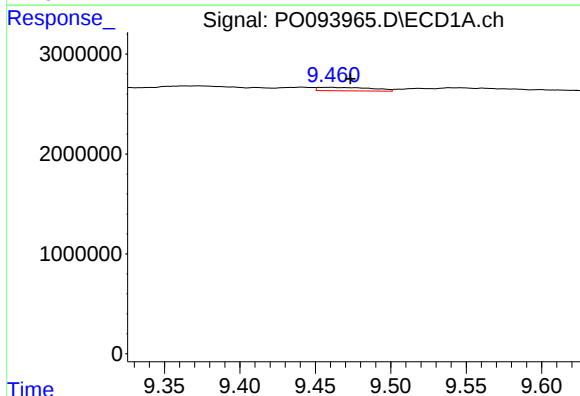
R.T.: 8.820 min
Delta R.T.: 0.017 min
Response: 187272
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



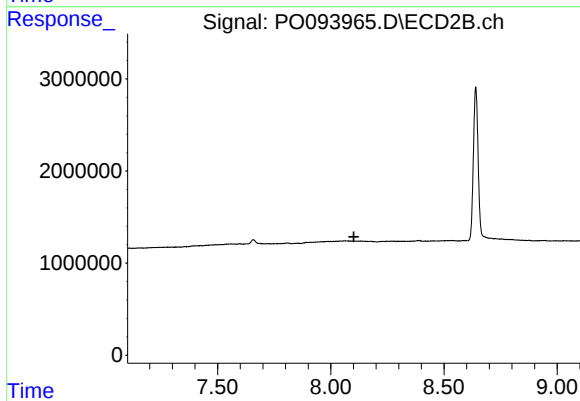
#39 AR-1262-4

R.T.: 7.657 min
Delta R.T.: 0.053 min
Response: 614090
Conc: 7.40 ng/ml



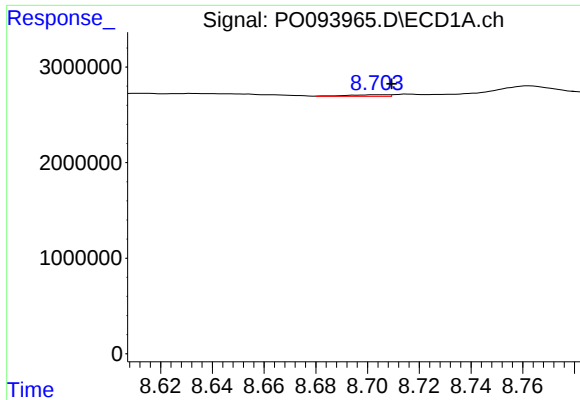
#40 AR-1262-5

R.T.: 9.460 min
Delta R.T.: -0.013 min
Response: 861444
Conc: 10.70 ng/ml



#40 AR-1262-5

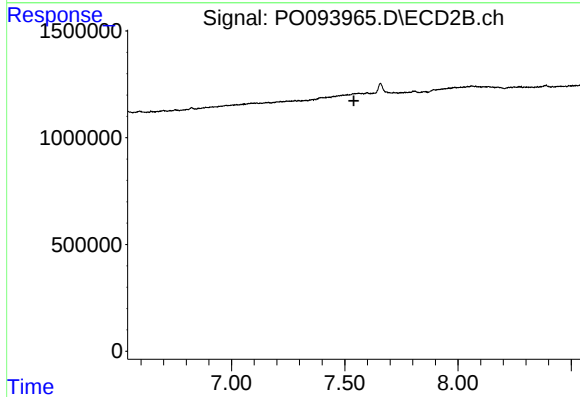
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

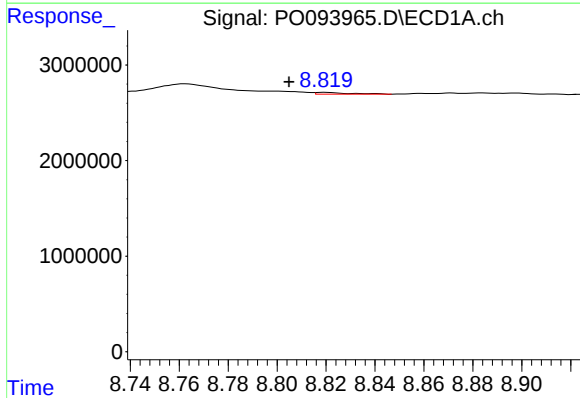
R.T.: 8.703 min
Delta R.T.: -0.006 min
Response: 174232
Conc: 0.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



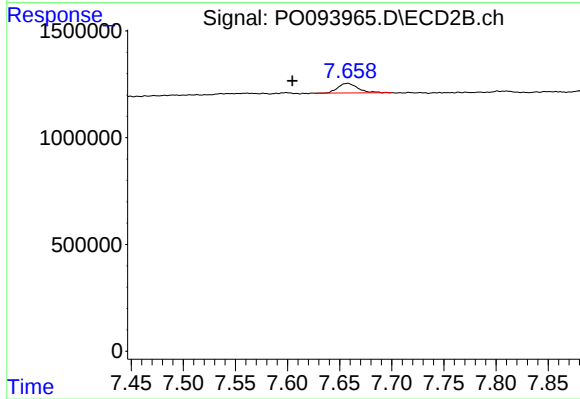
#41 AR-1268-1

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



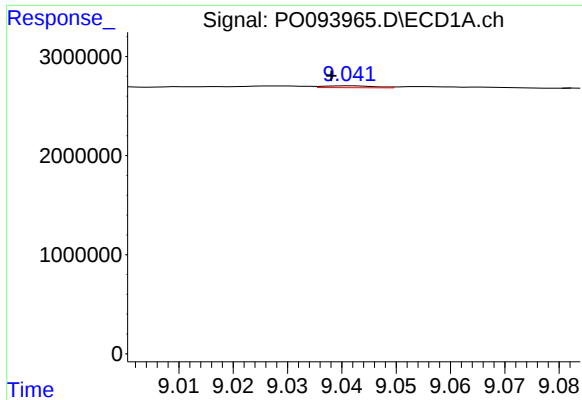
#42 AR-1268-2

R.T.: 8.820 min
Delta R.T.: 0.015 min
Response: 187272
Conc: 0.58 ng/ml



#42 AR-1268-2

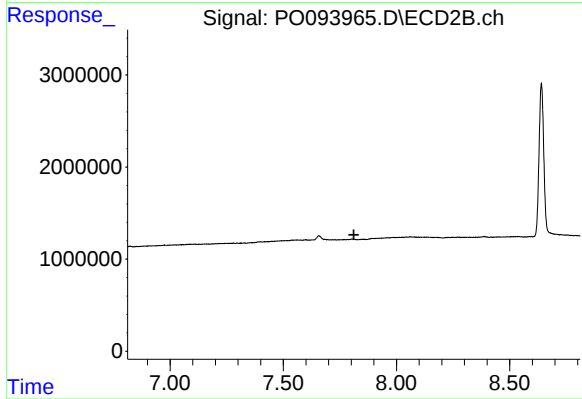
R.T.: 7.657 min
Delta R.T.: 0.053 min
Response: 614090
Conc: 4.52 ng/ml



#43 AR-1268-3

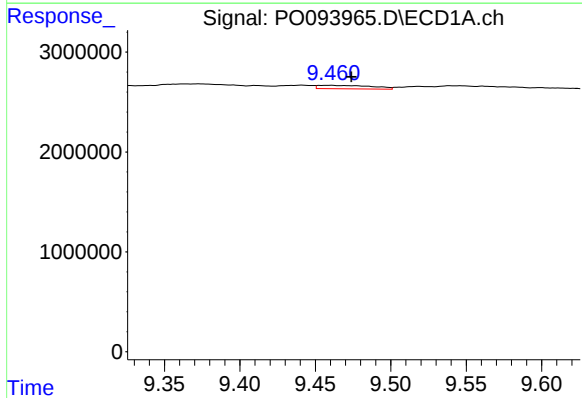
R.T.: 9.041 min
Delta R.T.: 0.003 min
Response: 123415
Conc: 0.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



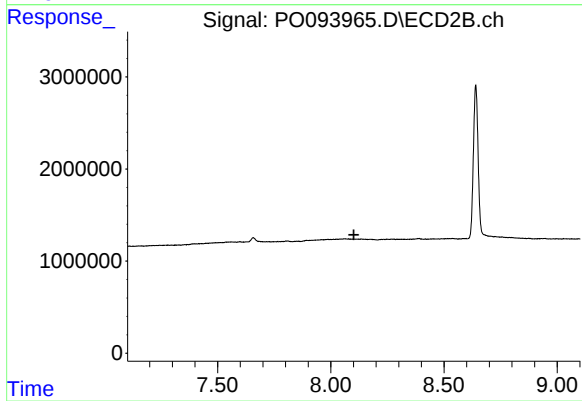
#43 AR-1268-3

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



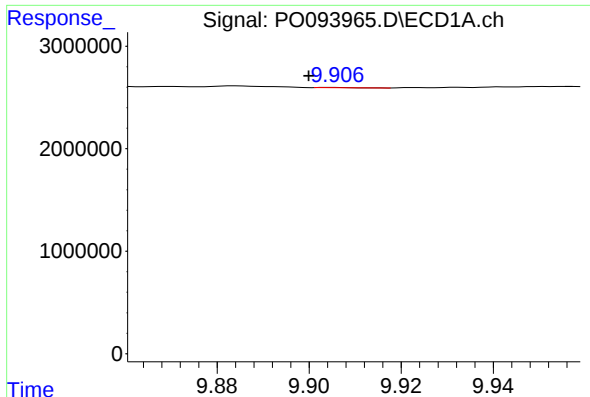
#44 AR-1268-4

R.T.: 9.460 min
Delta R.T.: -0.014 min
Response: 861444
Conc: 8.91 ng/ml



#44 AR-1268-4

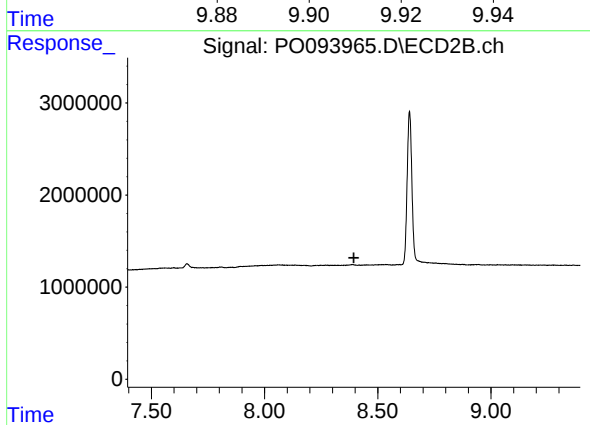
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.905 min
Delta R.T.: 0.005 min
Response: 10670
Conc: 0.01 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.