

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040723\
 Data File : P0093931.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 16:18
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:40:55 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...	4.420	3.624	64760324	24155064	17.324	18.969
2)	SA Decachlor...	10.243	8.644	49823271	21804168	22.273	21.809
Target Compounds							
3)	L1 AR-1016-1	5.600	4.719	1032760	455309	10.099	12.832 #
4)	L1 AR-1016-2	5.622	4.719	840603	455309	5.393	8.430 #
5)	L1 AR-1016-3	5.671	4.958f	1932129	370627	19.589	13.076 #
6)	L1 AR-1016-4	5.805	4.958	29212	370627	0.397	14.036 #
7)	L1 AR-1016-5	6.054	5.154	656677	606534	7.756	18.536 #
8)	L2 AR-1221-1	4.626	0.000	274512	0	5.952	N.D. #
9)	L2 AR-1221-2	4.728	3.924	1255977	416768	36.589	35.312
10)	L2 AR-1221-3	4.802	0.000	168570	0	1.609	N.D. #
11)	L3 AR-1232-1	4.802	0.000	168570	0	1.931	N.D. #
12)	L3 AR-1232-2	5.327	4.719	85143	455309	1.991	17.199 #
13)	L3 AR-1232-3	5.622	4.958f	840603	370627	11.444	28.101 #
14)	L3 AR-1232-4	5.805	4.985	29212	159533	0.849	11.226 #
15)	L3 AR-1232-5	5.872	5.154	388128	606534	12.220	39.262 #
16)	L4 AR-1242-1	5.600	4.719	1032760	455309	11.832	14.796 #
17)	L4 AR-1242-2	5.622	4.719	840603	455309	6.322	9.899 #
18)	L4 AR-1242-3	5.671	4.958f	1932129	370627	22.761	15.294 #
19)	L4 AR-1242-4	5.805	4.985	29212	159533	0.468	5.683 #
20)	L4 AR-1242-5	6.537	0.000	5150423	0	76.495	N.D. #
21)	L5 AR-1248-1	5.600	4.719	1032760	455309	15.350	19.089
22)	L5 AR-1248-2	5.872	4.958	388128	370627	3.548	9.304 #
23)	L5 AR-1248-3	6.054	4.985	656677	159533	5.440	3.822 #
24)	L5 AR-1248-4	6.491	5.154	4384692	606534	40.827	12.898 #
25)	L5 AR-1248-5	6.537	0.000	5150423	0	44.391	N.D. #
26)	L6 AR-1254-1	6.491	0.000	4384692	0	32.329	N.D. #
27)	L6 AR-1254-2	6.673	0.000	2198800	0	11.249	N.D. #
28)	L6 AR-1254-3	7.048	6.068	4632685	146703	25.076	1.611 #
29)	L6 AR-1254-4	7.353	6.364f	2503047	893128	24.682	20.968
30)	L6 AR-1254-5	7.772	0.000	2802897	0	20.670	N.D. #
31)	L7 AR-1260-1	7.271f	0.000	693405	0	4.750	N.D. #
32)	L7 AR-1260-2	7.494	6.364	2039039	893128	12.740	12.298
33)	L7 AR-1260-3	7.844	6.523	941548	385920	7.091	5.318 #
34)	L7 AR-1260-4	8.111f	0.000	1594971	0	11.579	N.D. #
35)	L7 AR-1260-5	8.423	0.000	592466	0	2.720	N.D. #
36)	L8 AR-1262-1	7.844	0.000	941548	0	5.512	N.D. #
37)	L8 AR-1262-2	8.423	0.000	592466	0	2.549	N.D. #
38)	L8 AR-1262-3	8.722	0.000	545251	0	3.329	N.D. #
39)	L8 AR-1262-4	8.766f	7.660f	3020409	694480	30.146	8.374 #
40)	L8 AR-1262-5	9.451	0.000	2746394	0	34.123	N.D. #
41)	L9 AR-1268-1	8.722	0.000	545251	0	1.620	N.D. #

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 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

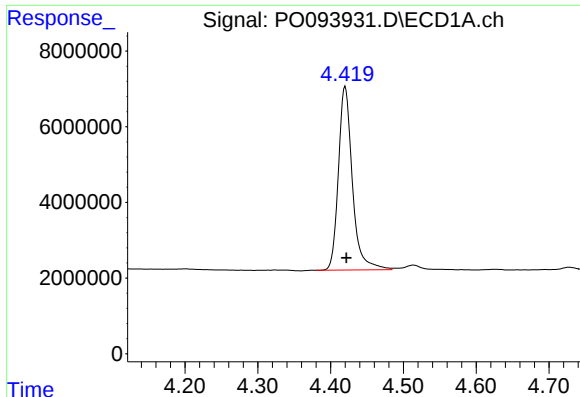
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.766f	7.660f	3020409	694480	9.385	5.112 #
43) L9	AR-1268-3	9.034	7.853f	806250	229692	2.843	1.755 #
44) L9	AR-1268-4	9.451	0.000	2746394	0	28.405	N.D. #
45) L9	AR-1268-5	9.895	0.000	114136	0	0.136	N.D. #

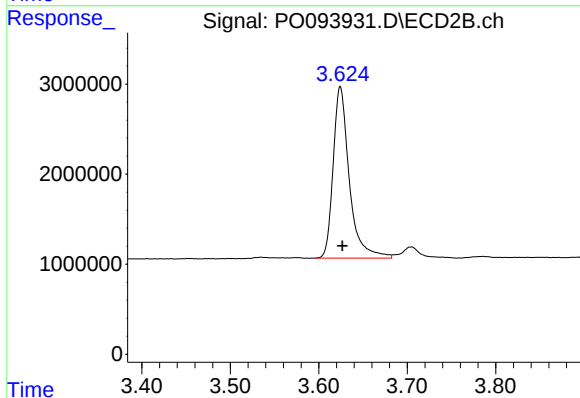
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

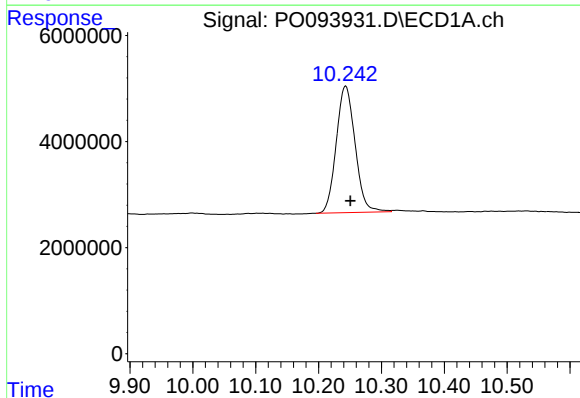
R.T.: 4.420 min
Delta R.T.: -0.002 min
Response: 64760324
Conc: 17.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



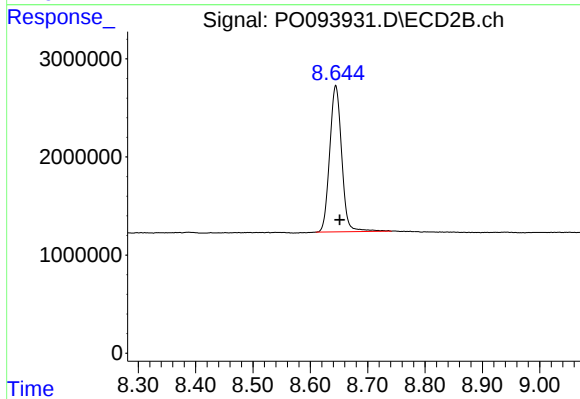
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: -0.002 min
Response: 24155064
Conc: 18.97 ng/ml



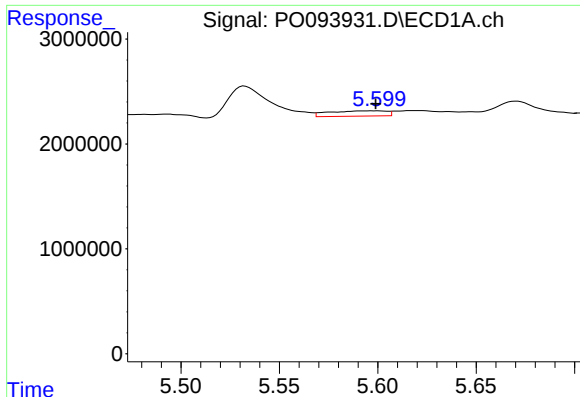
#2 Decachlorobiphenyl

R.T.: 10.243 min
Delta R.T.: -0.008 min
Response: 49823271
Conc: 22.27 ng/ml



#2 Decachlorobiphenyl

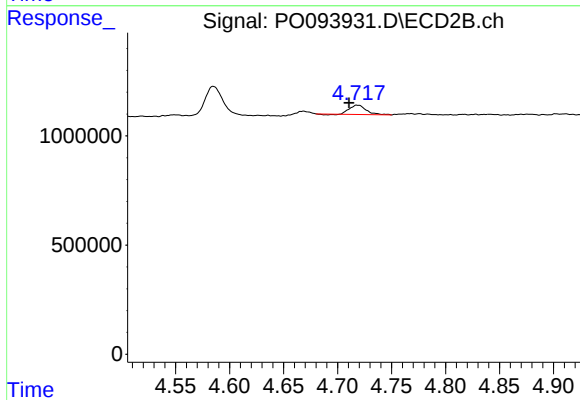
R.T.: 8.644 min
Delta R.T.: -0.007 min
Response: 21804168
Conc: 21.81 ng/ml



#3 AR-1016-1

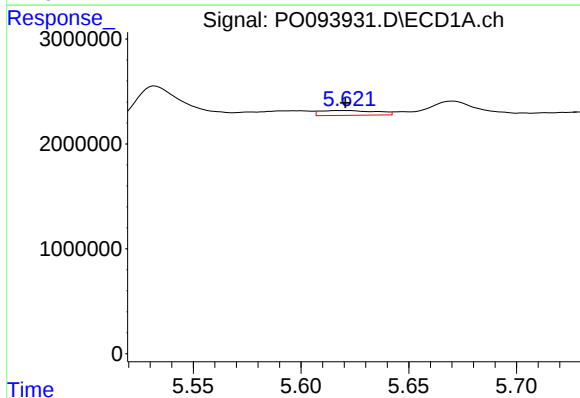
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 1032760
Conc: 10.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



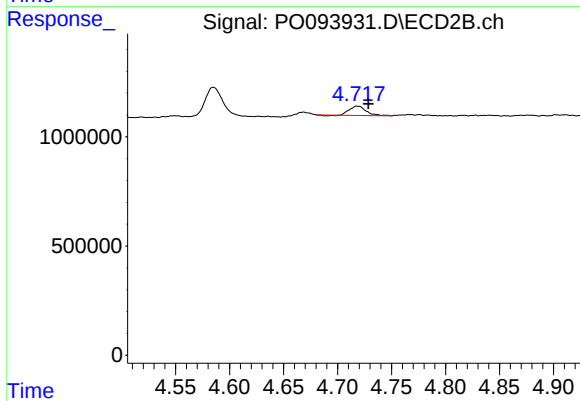
#3 AR-1016-1

R.T.: 4.719 min
Delta R.T.: 0.008 min
Response: 455309
Conc: 12.83 ng/ml



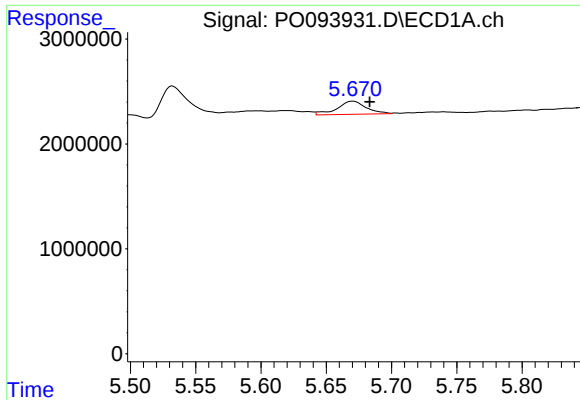
#4 AR-1016-2

R.T.: 5.622 min
Delta R.T.: 0.001 min
Response: 840603
Conc: 5.39 ng/ml



#4 AR-1016-2

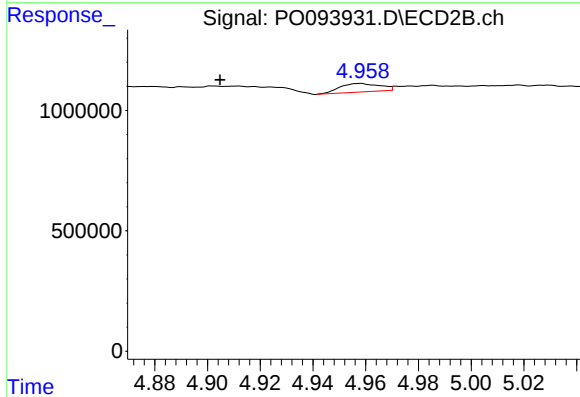
R.T.: 4.719 min
Delta R.T.: -0.010 min
Response: 455309
Conc: 8.43 ng/ml



#5 AR-1016-3

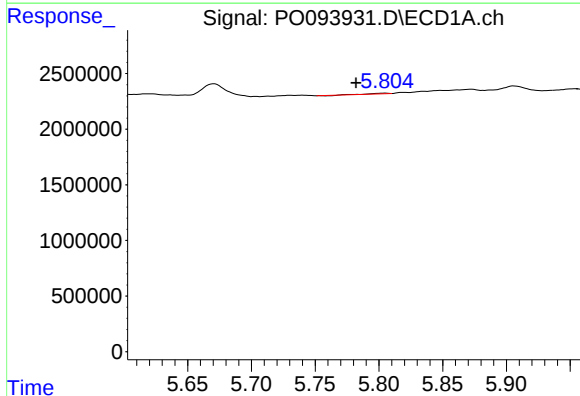
R.T.: 5.671 min
Delta R.T.: -0.013 min
Response: 1932129
Conc: 19.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



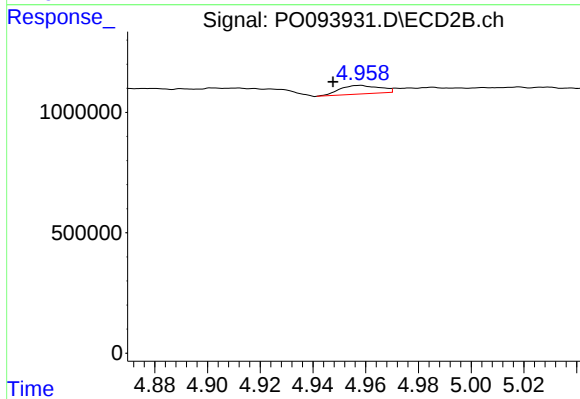
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: 0.053 min
Response: 370627
Conc: 13.08 ng/ml



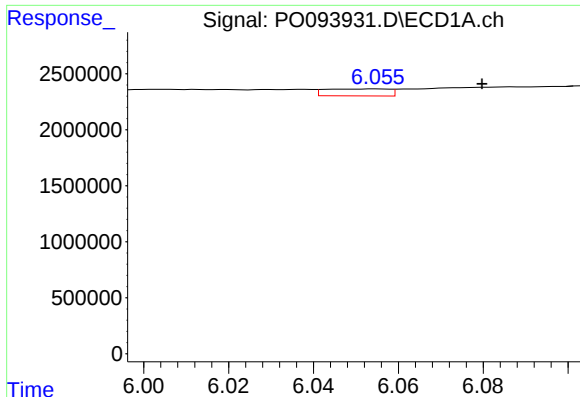
#6 AR-1016-4

R.T.: 5.805 min
Delta R.T.: 0.022 min
Response: 29212
Conc: 0.40 ng/ml



#6 AR-1016-4

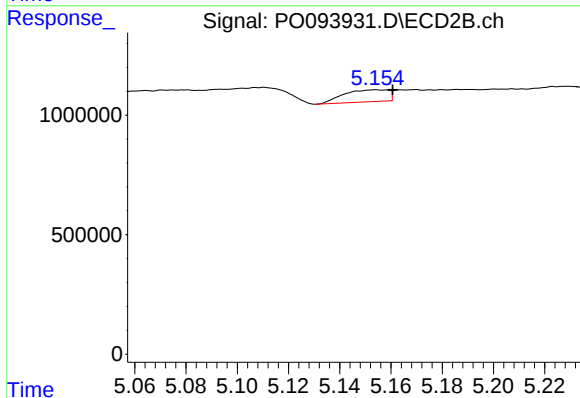
R.T.: 4.958 min
Delta R.T.: 0.010 min
Response: 370627
Conc: 14.04 ng/ml



#7 AR-1016-5

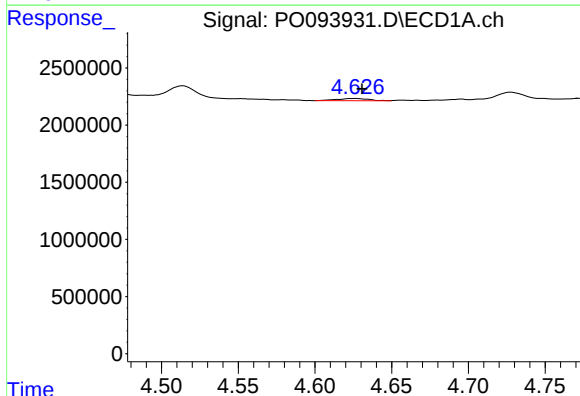
R.T.: 6.054 min
Delta R.T.: -0.025 min
Response: 656677
Conc: 7.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



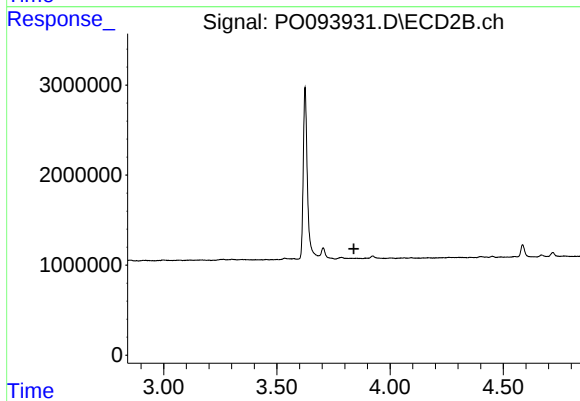
#7 AR-1016-5

R.T.: 5.154 min
Delta R.T.: -0.007 min
Response: 606534
Conc: 18.54 ng/ml



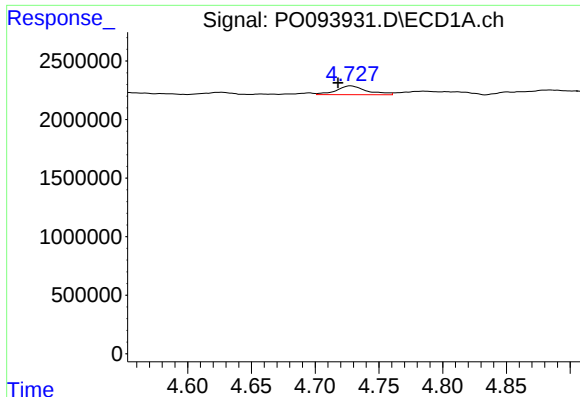
#8 AR-1221-1

R.T.: 4.626 min
Delta R.T.: -0.004 min
Response: 274512
Conc: 5.95 ng/ml



#8 AR-1221-1

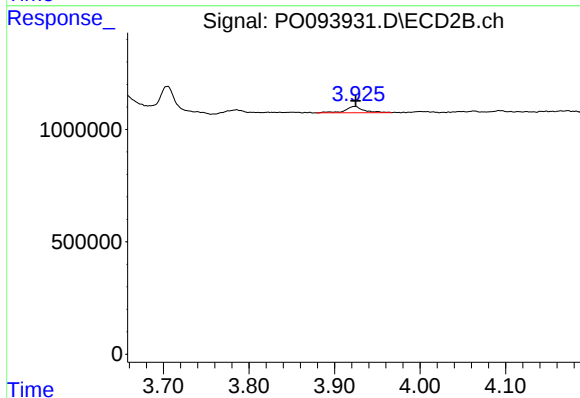
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

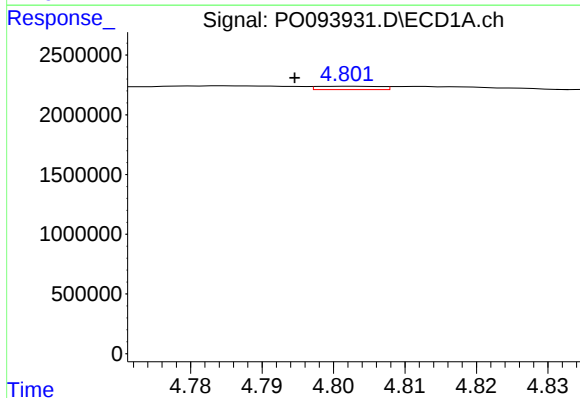
R.T.: 4.728 min
Delta R.T.: 0.010 min
Response: 1255977
Conc: 36.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



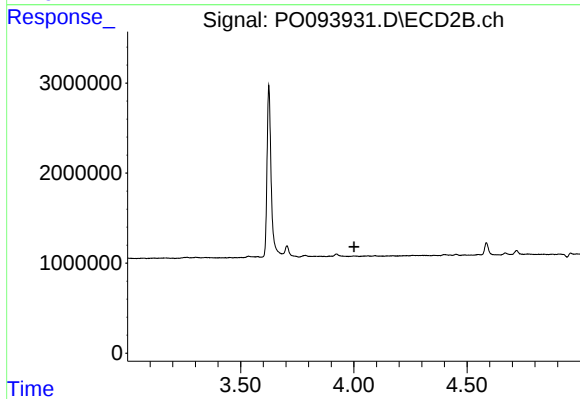
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: 0.000 min
Response: 416768
Conc: 35.31 ng/ml



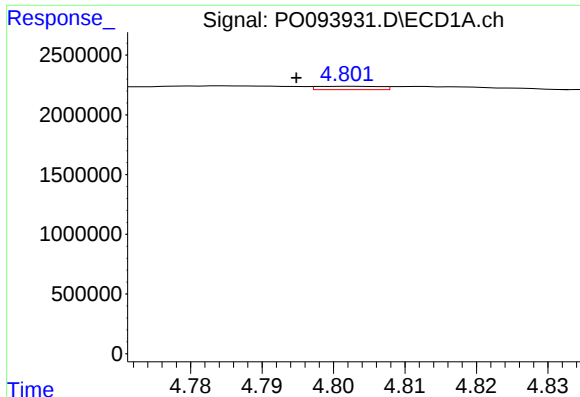
#10 AR-1221-3

R.T.: 4.802 min
Delta R.T.: 0.008 min
Response: 168570
Conc: 1.61 ng/ml



#10 AR-1221-3

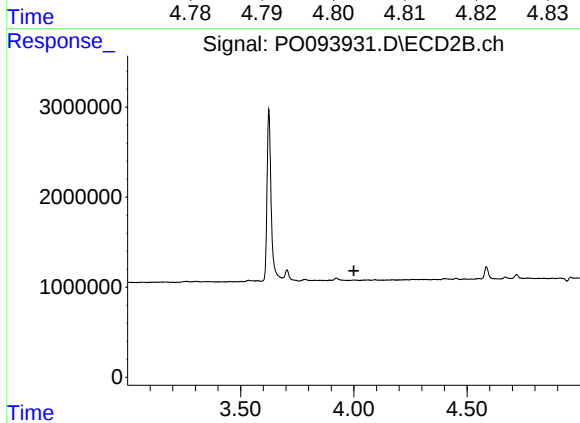
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#11 AR-1232-1

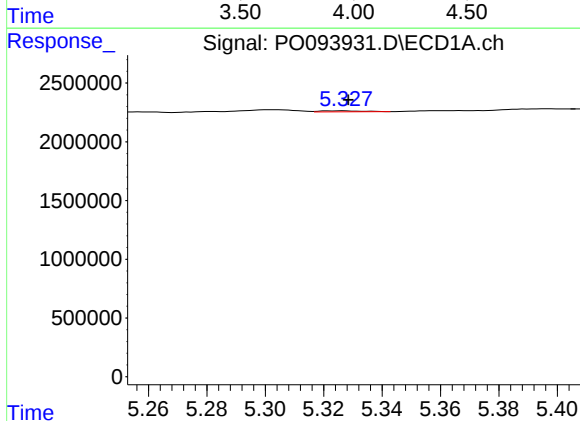
R.T.: 4.802 min
Delta R.T.: 0.008 min
Response: 168570
Conc: 1.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



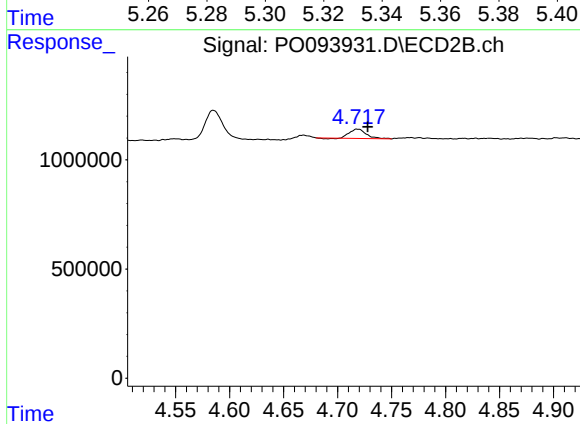
#11 AR-1232-1

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



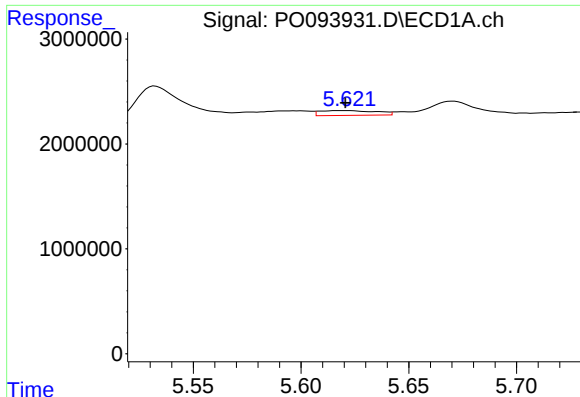
#12 AR-1232-2

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 85143
Conc: 1.99 ng/ml



#12 AR-1232-2

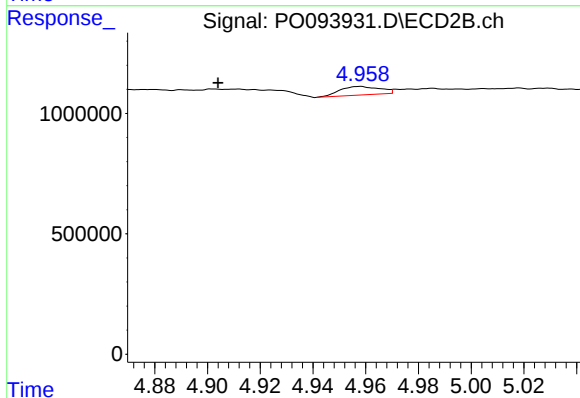
R.T.: 4.719 min
Delta R.T.: -0.009 min
Response: 455309
Conc: 17.20 ng/ml



#13 AR-1232-3

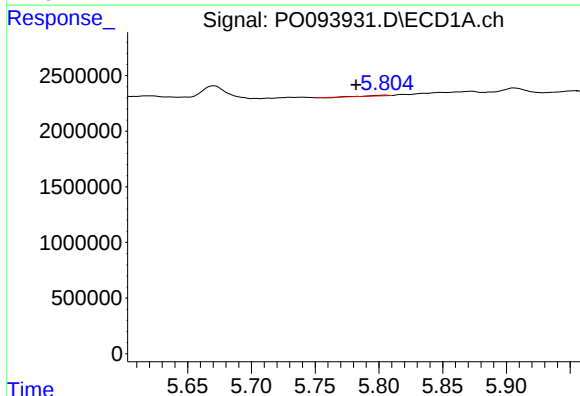
R.T.: 5.622 min
Delta R.T.: 0.001 min
Response: 840603
Conc: 11.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



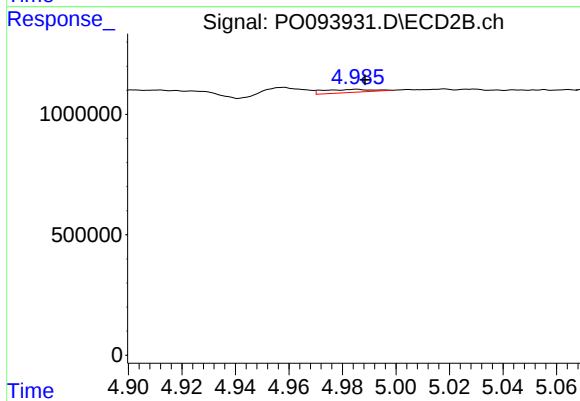
#13 AR-1232-3

R.T.: 4.958 min
Delta R.T.: 0.054 min
Response: 370627
Conc: 28.10 ng/ml



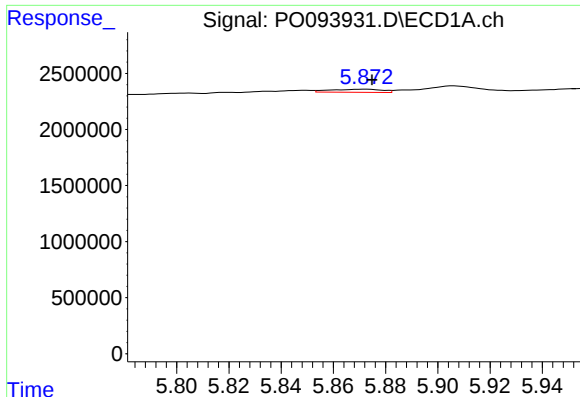
#14 AR-1232-4

R.T.: 5.805 min
Delta R.T.: 0.022 min
Response: 29212
Conc: 0.85 ng/ml



#14 AR-1232-4

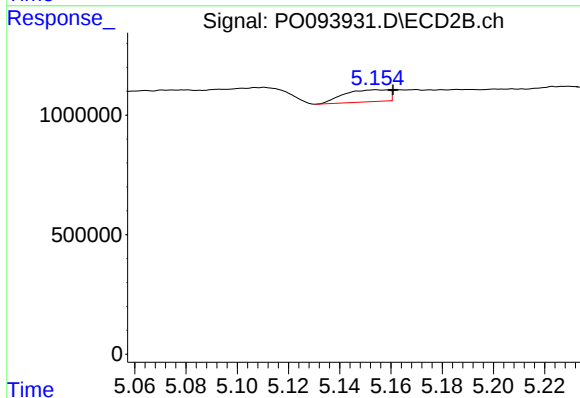
R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 159533
Conc: 11.23 ng/ml



#15 AR-1232-5

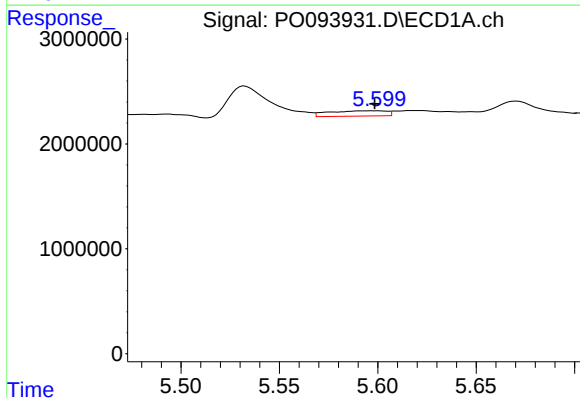
R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 388128
Conc: 12.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



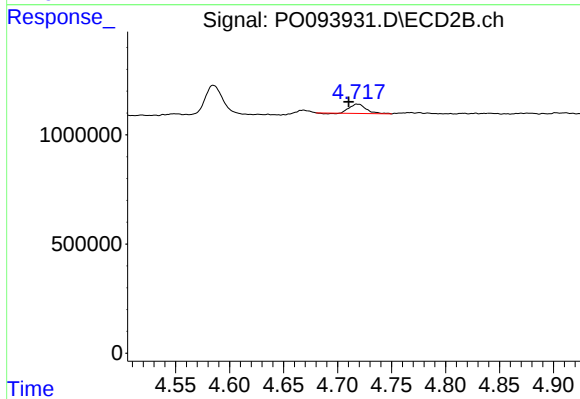
#15 AR-1232-5

R.T.: 5.154 min
Delta R.T.: -0.007 min
Response: 606534
Conc: 39.26 ng/ml



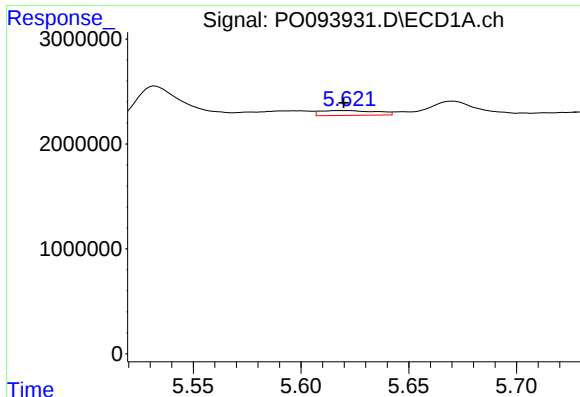
#16 AR-1242-1

R.T.: 5.600 min
Delta R.T.: 0.001 min
Response: 1032760
Conc: 11.83 ng/ml



#16 AR-1242-1

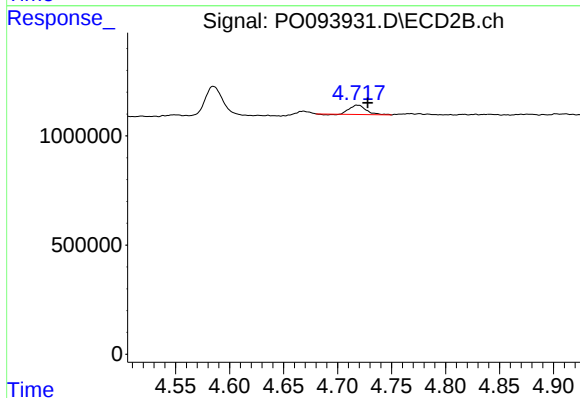
R.T.: 4.719 min
Delta R.T.: 0.009 min
Response: 455309
Conc: 14.80 ng/ml



#17 AR-1242-2

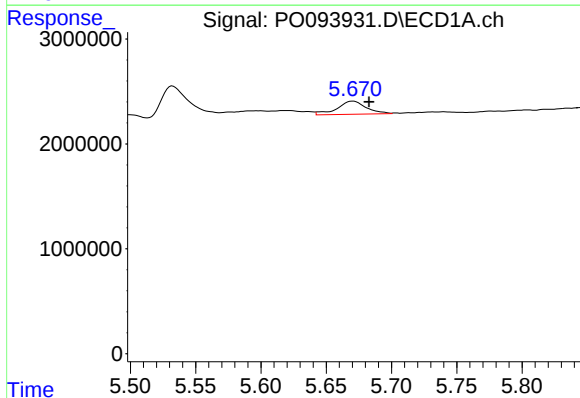
R.T.: 5.622 min
Delta R.T.: 0.002 min
Response: 840603
Conc: 6.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



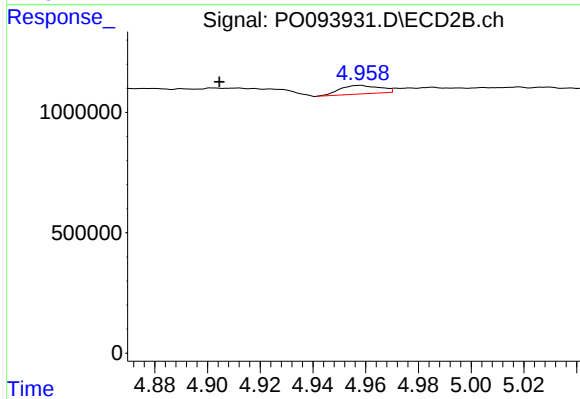
#17 AR-1242-2

R.T.: 4.719 min
Delta R.T.: -0.009 min
Response: 455309
Conc: 9.90 ng/ml



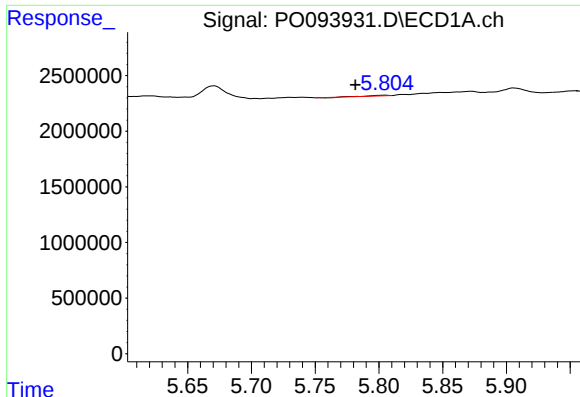
#18 AR-1242-3

R.T.: 5.671 min
Delta R.T.: -0.012 min
Response: 1932129
Conc: 22.76 ng/ml



#18 AR-1242-3

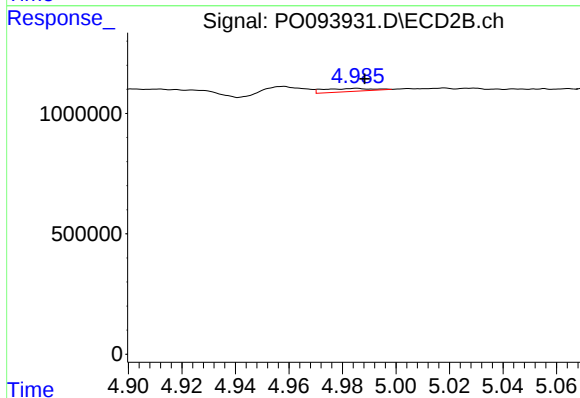
R.T.: 4.958 min
Delta R.T.: 0.053 min
Response: 370627
Conc: 15.29 ng/ml



#19 AR-1242-4

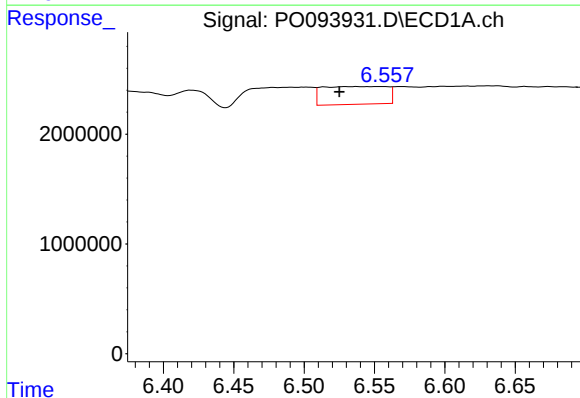
R.T.: 5.805 min
Delta R.T.: 0.023 min
Response: 29212
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



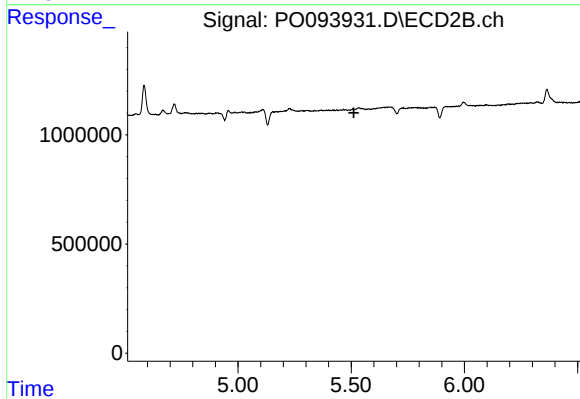
#19 AR-1242-4

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 159533
Conc: 5.68 ng/ml



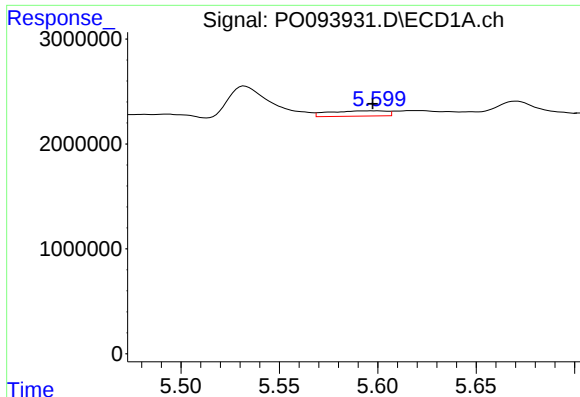
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: 0.012 min
Response: 5150423
Conc: 76.49 ng/ml



#20 AR-1242-5

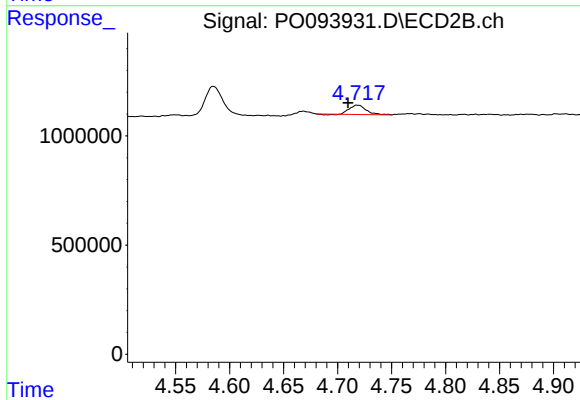
R.T.: 0.000 min
Exp R.T.: 5.512 min
Response: 0
Conc: N.D.



#21 AR-1248-1

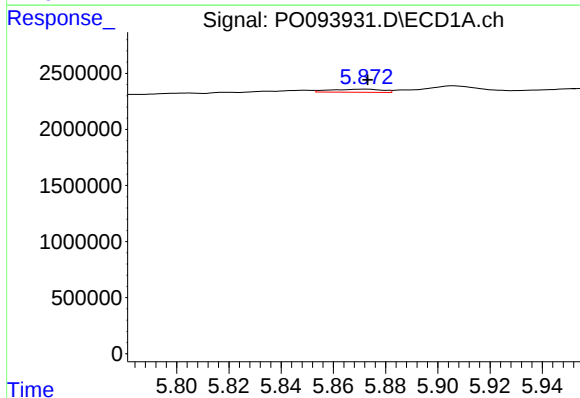
R.T.: 5.600 min
Delta R.T.: 0.002 min
Response: 1032760
Conc: 15.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



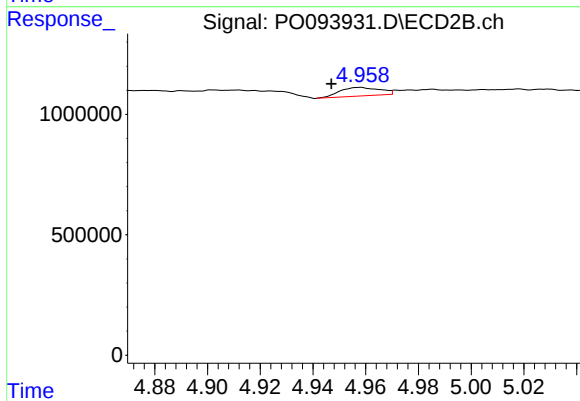
#21 AR-1248-1

R.T.: 4.719 min
Delta R.T.: 0.009 min
Response: 455309
Conc: 19.09 ng/ml



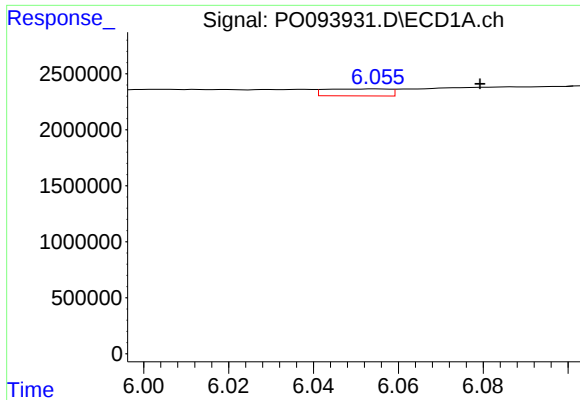
#22 AR-1248-2

R.T.: 5.872 min
Delta R.T.: 0.000 min
Response: 388128
Conc: 3.55 ng/ml



#22 AR-1248-2

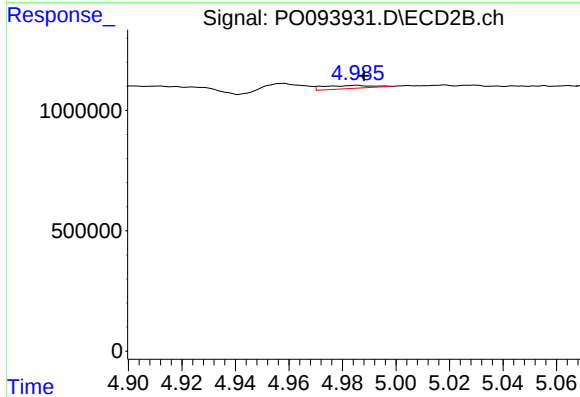
R.T.: 4.958 min
Delta R.T.: 0.011 min
Response: 370627
Conc: 9.30 ng/ml



#23 AR-1248-3

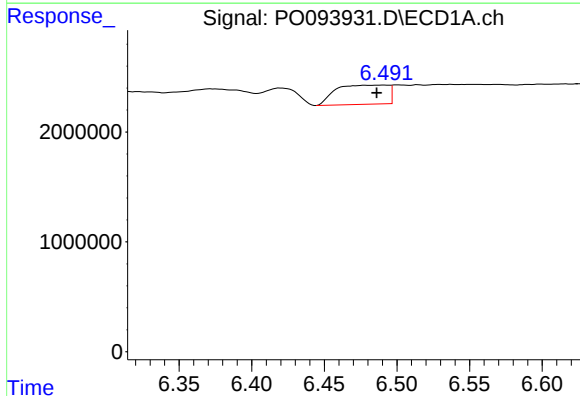
R.T.: 6.054 min
Delta R.T.: -0.025 min
Response: 656677
Conc: 5.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



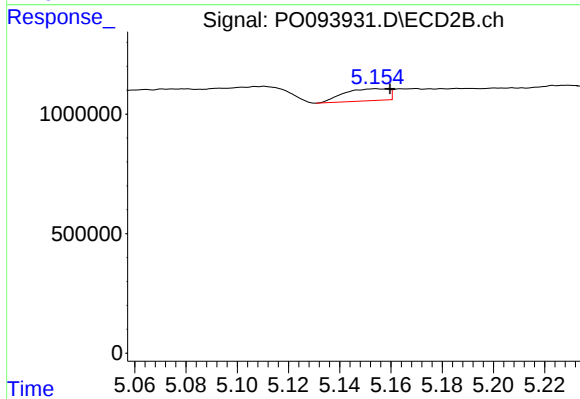
#23 AR-1248-3

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 159533
Conc: 3.82 ng/ml



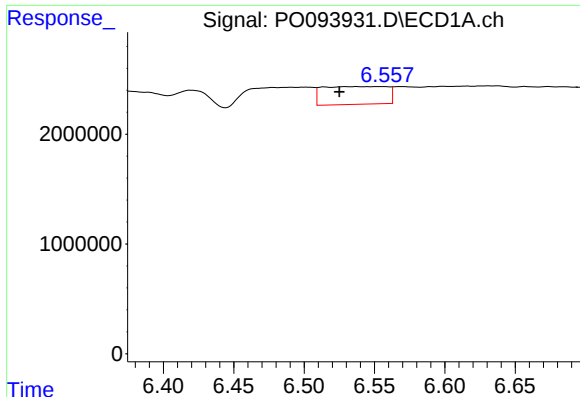
#24 AR-1248-4

R.T.: 6.491 min
Delta R.T.: 0.005 min
Response: 4384692
Conc: 40.83 ng/ml



#24 AR-1248-4

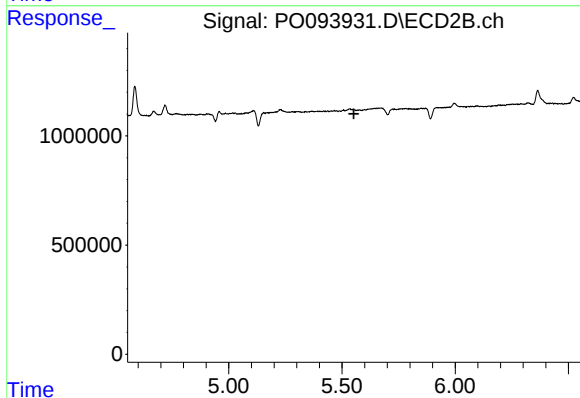
R.T.: 5.154 min
Delta R.T.: -0.006 min
Response: 606534
Conc: 12.90 ng/ml



#25 AR-1248-5

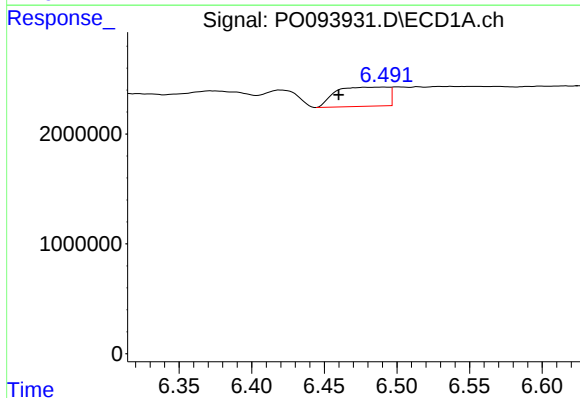
R.T.: 6.537 min
Delta R.T.: 0.012 min
Response: 5150423
Conc: 44.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



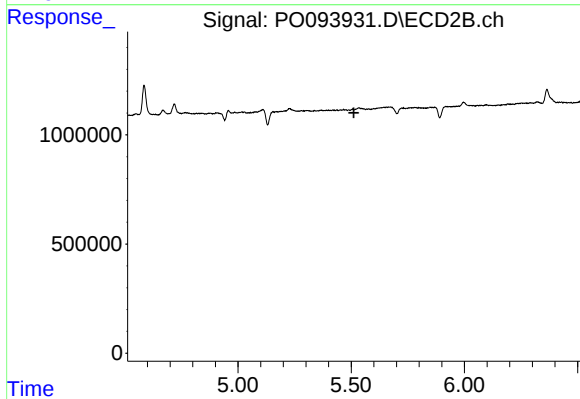
#25 AR-1248-5

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



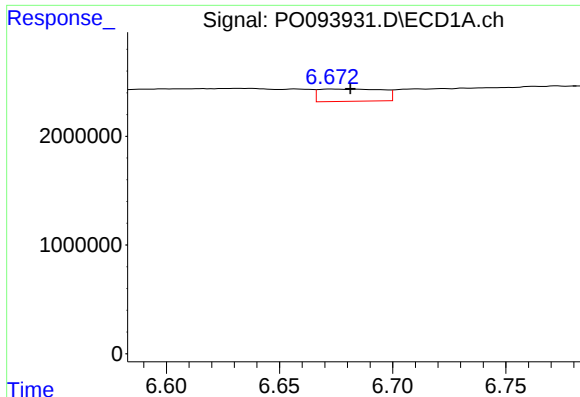
#26 AR-1254-1

R.T.: 6.491 min
Delta R.T.: 0.032 min
Response: 4384692
Conc: 32.33 ng/ml



#26 AR-1254-1

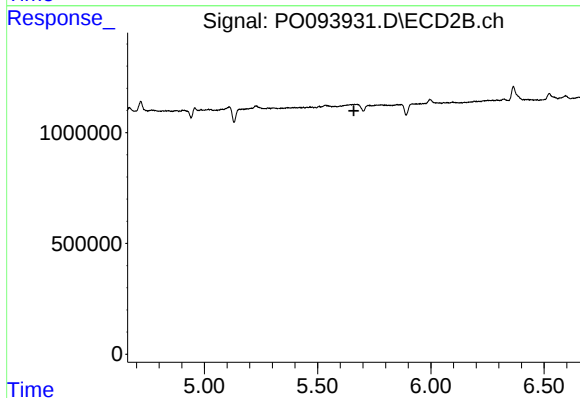
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#27 AR-1254-2

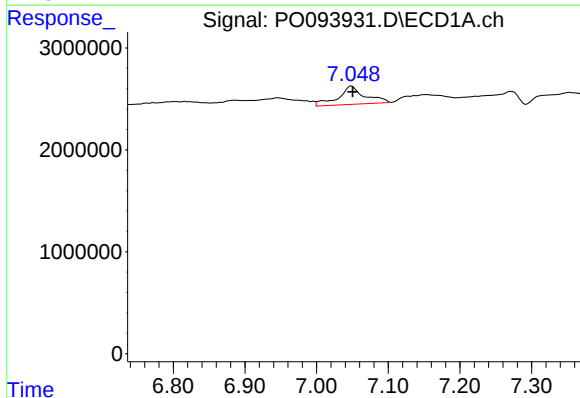
R.T.: 6.673 min
Delta R.T.: -0.008 min
Response: 2198800
Conc: 11.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



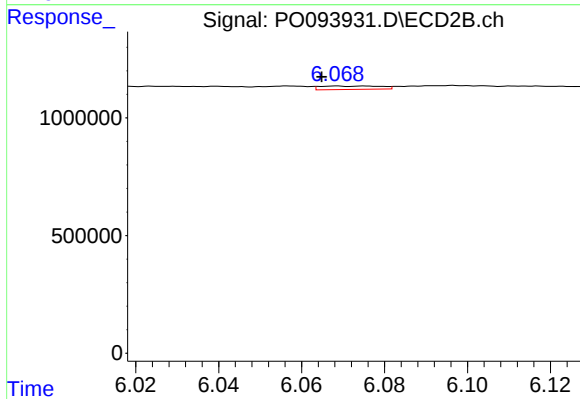
#27 AR-1254-2

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



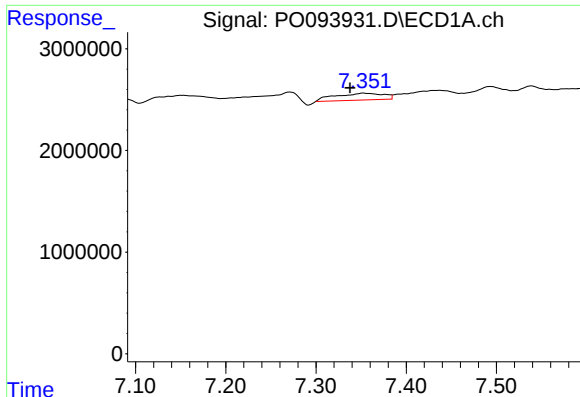
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 4632685
Conc: 25.08 ng/ml



#28 AR-1254-3

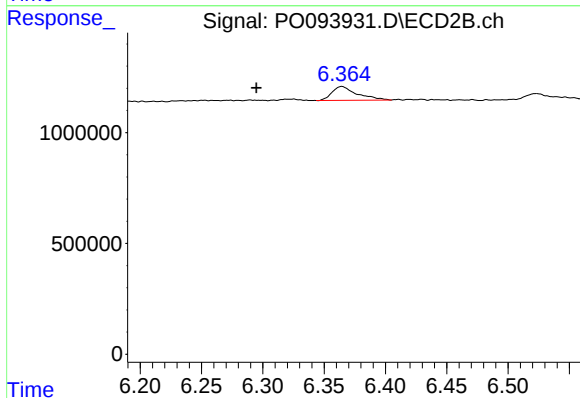
R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 146703
Conc: 1.61 ng/ml



#29 AR-1254-4

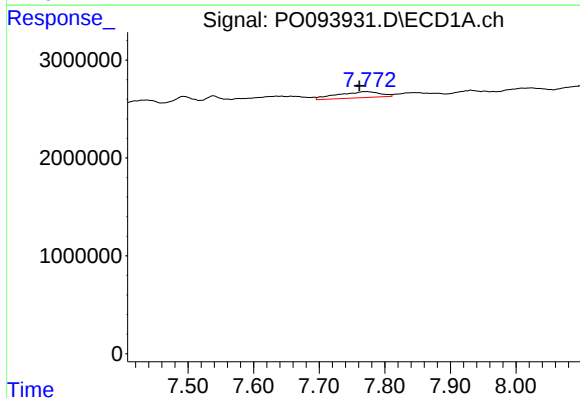
R.T.: 7.353 min
Delta R.T.: 0.015 min
Response: 2503047
Conc: 24.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



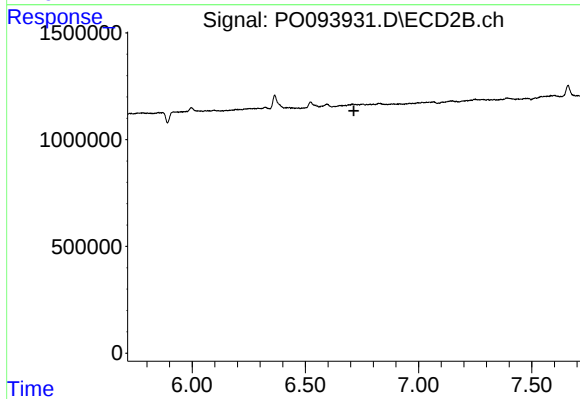
#29 AR-1254-4

R.T.: 6.364 min
Delta R.T.: 0.070 min
Response: 893128
Conc: 20.97 ng/ml



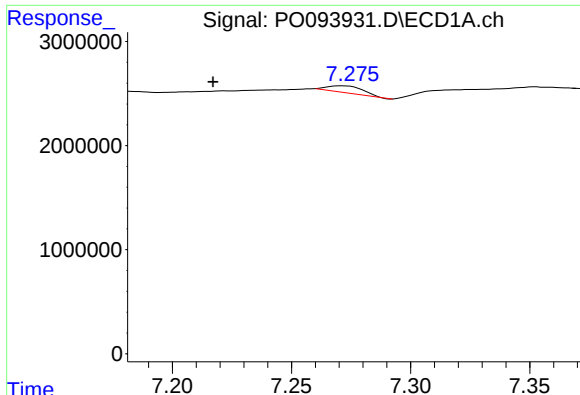
#30 AR-1254-5

R.T.: 7.772 min
Delta R.T.: 0.010 min
Response: 2802897
Conc: 20.67 ng/ml



#30 AR-1254-5

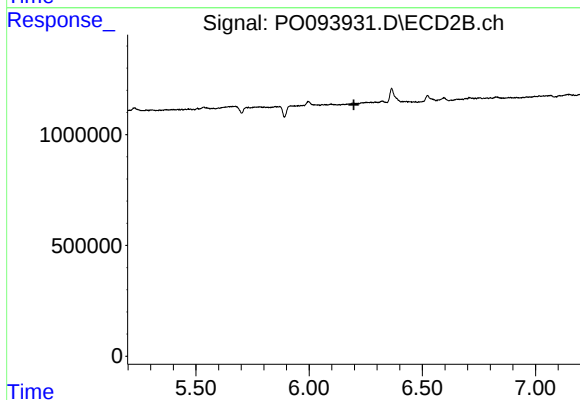
R.T.: 0.000 min
Exp R.T.: 6.714 min
Response: 0
Conc: N.D.



#31 AR-1260-1

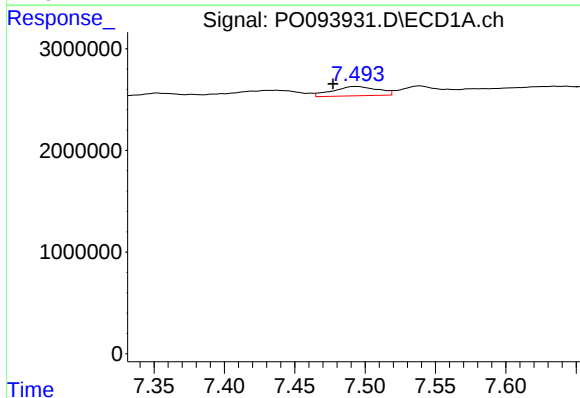
R.T.: 7.271 min
Delta R.T.: 0.054 min
Response: 693405
Conc: 4.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



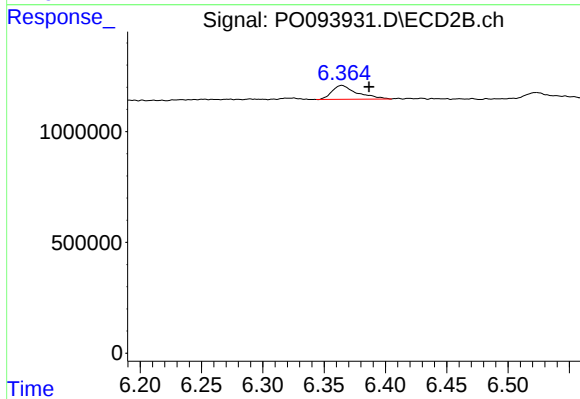
#31 AR-1260-1

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



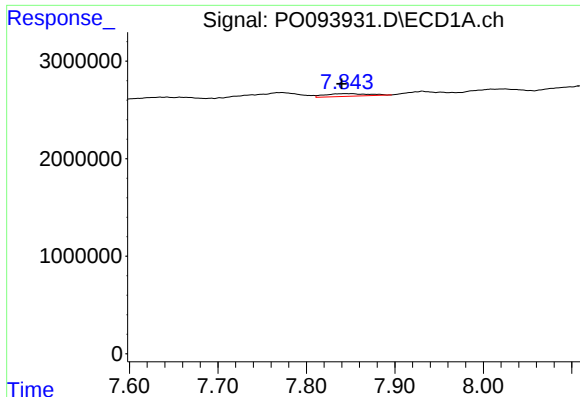
#32 AR-1260-2

R.T.: 7.494 min
Delta R.T.: 0.016 min
Response: 2039039
Conc: 12.74 ng/ml



#32 AR-1260-2

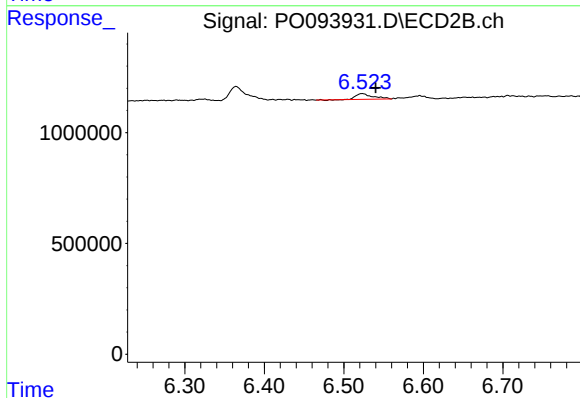
R.T.: 6.364 min
Delta R.T.: -0.022 min
Response: 893128
Conc: 12.30 ng/ml



#33 AR-1260-3

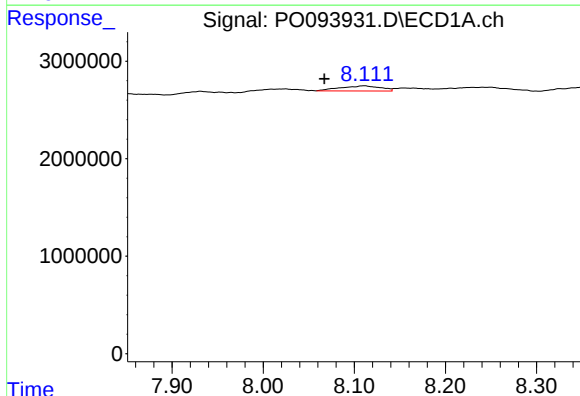
R.T.: 7.844 min
Delta R.T.: 0.004 min
Response: 941548
Conc: 7.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



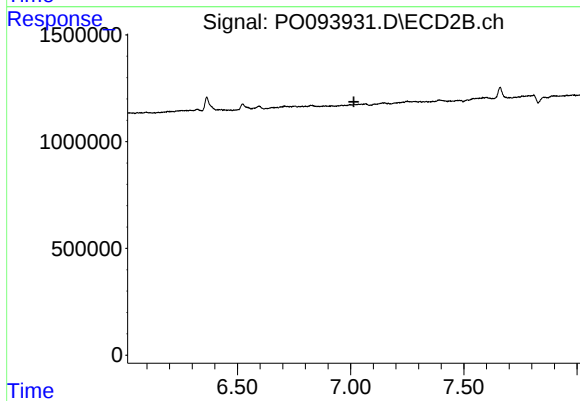
#33 AR-1260-3

R.T.: 6.523 min
Delta R.T.: -0.017 min
Response: 385920
Conc: 5.32 ng/ml



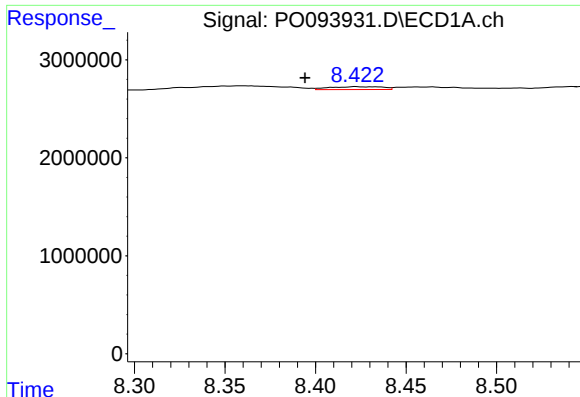
#34 AR-1260-4

R.T.: 8.111 min
Delta R.T.: 0.043 min
Response: 1594971
Conc: 11.58 ng/ml



#34 AR-1260-4

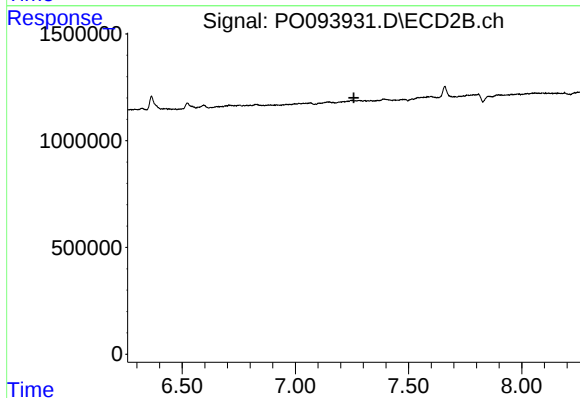
R.T.: 0.000 min
Exp R.T.: 7.014 min
Response: 0
Conc: N.D.



#35 AR-1260-5

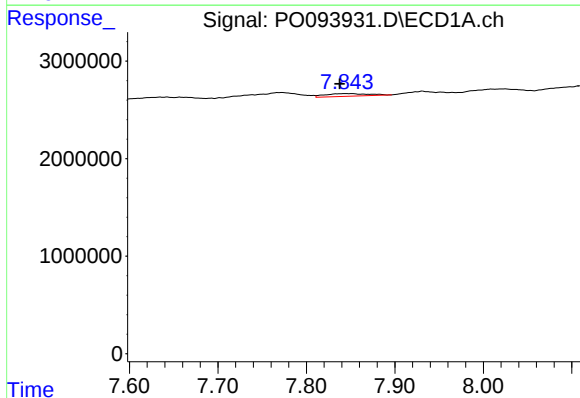
R.T.: 8.423 min
Delta R.T.: 0.028 min
Response: 592466
Conc: 2.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



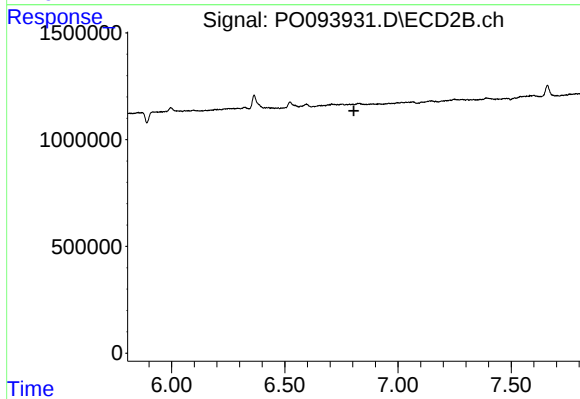
#35 AR-1260-5

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



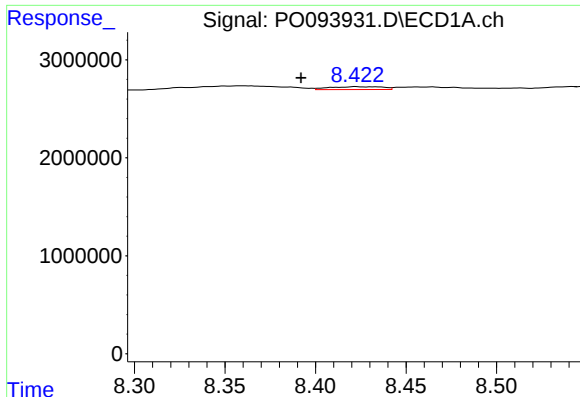
#36 AR-1262-1

R.T.: 7.844 min
Delta R.T.: 0.006 min
Response: 941548
Conc: 5.51 ng/ml



#36 AR-1262-1

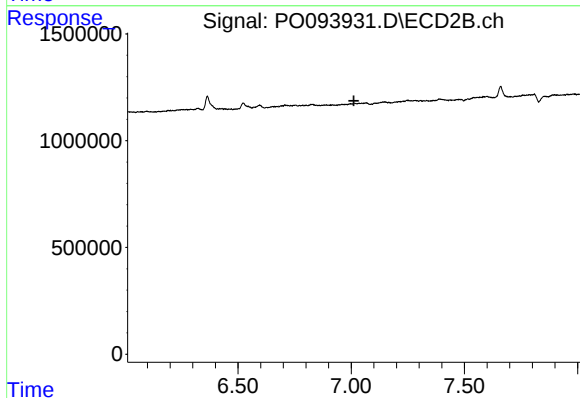
R.T.: 0.000 min
Exp R.T. : 6.805 min
Response: 0
Conc: N.D.



#37 AR-1262-2

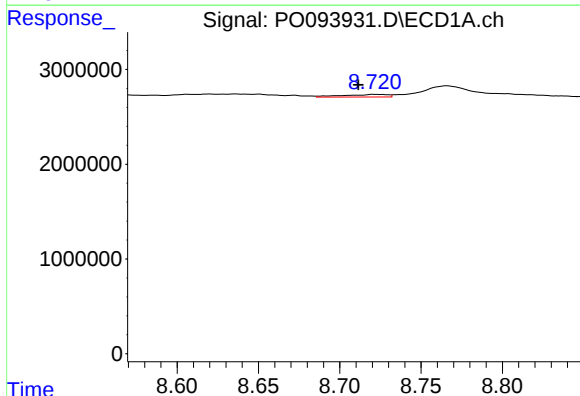
R.T.: 8.423 min
Delta R.T.: 0.031 min
Response: 592466
Conc: 2.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



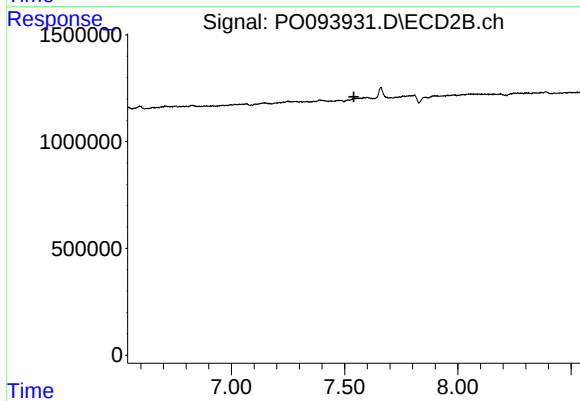
#37 AR-1262-2

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



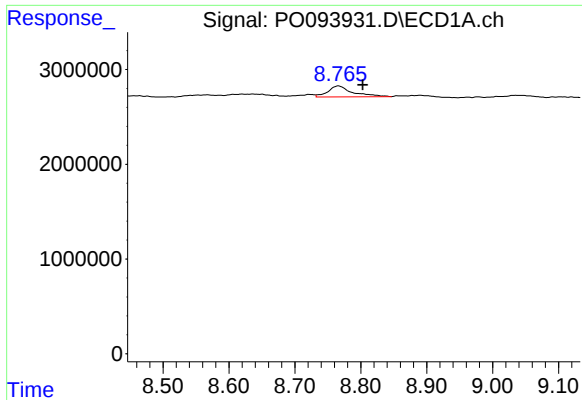
#38 AR-1262-3

R.T.: 8.722 min
Delta R.T.: 0.011 min
Response: 545251
Conc: 3.33 ng/ml



#38 AR-1262-3

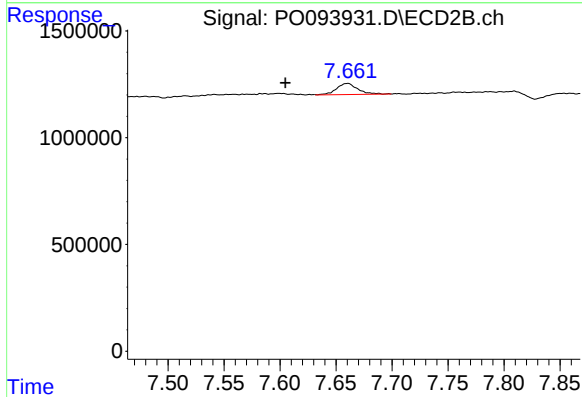
R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#39 AR-1262-4

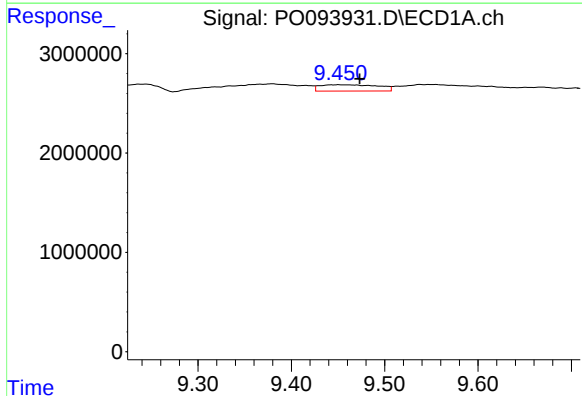
R.T.: 8.766 min
Delta R.T.: -0.037 min
Response: 3020409
Conc: 30.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



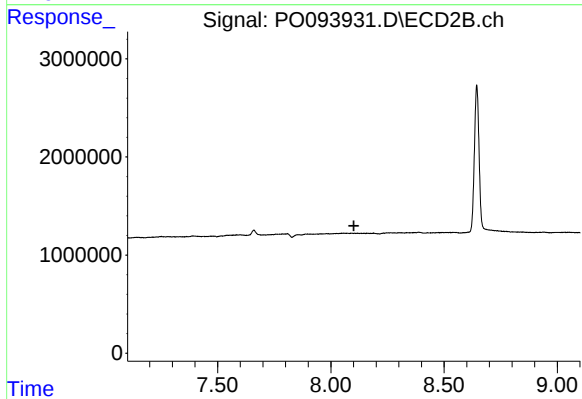
#39 AR-1262-4

R.T.: 7.660 min
Delta R.T.: 0.055 min
Response: 694480
Conc: 8.37 ng/ml



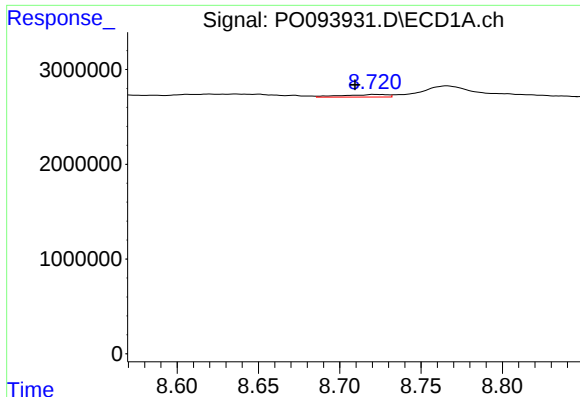
#40 AR-1262-5

R.T.: 9.451 min
Delta R.T.: -0.022 min
Response: 2746394
Conc: 34.12 ng/ml



#40 AR-1262-5

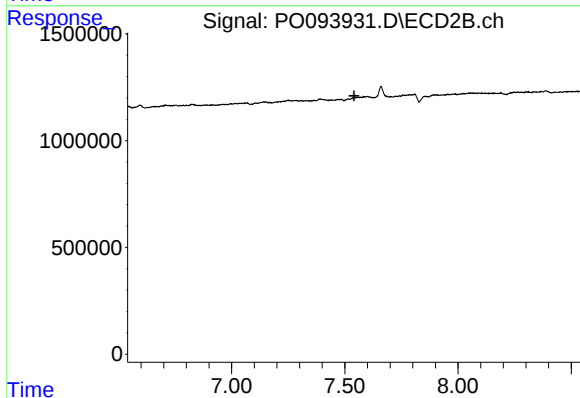
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

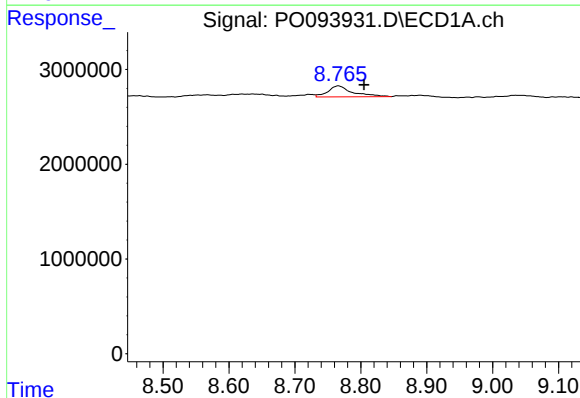
R.T.: 8.722 min
Delta R.T.: 0.013 min
Response: 545251
Conc: 1.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



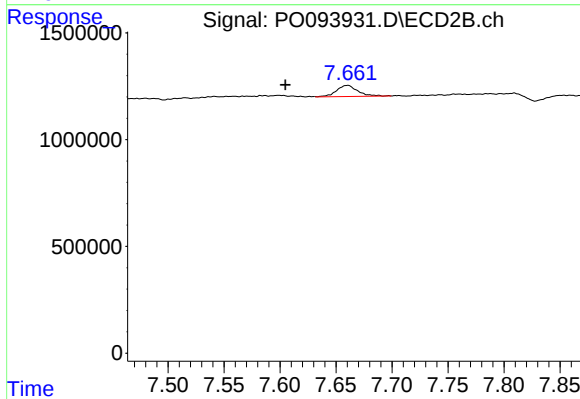
#41 AR-1268-1

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



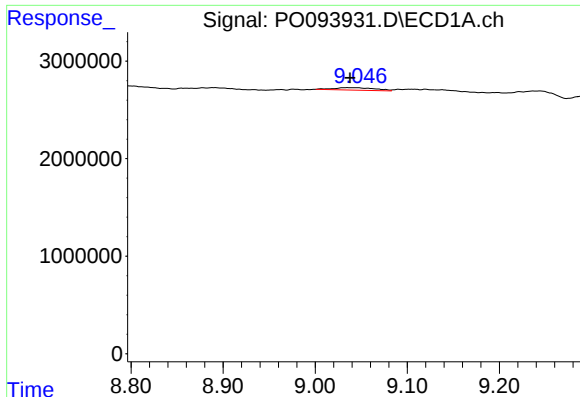
#42 AR-1268-2

R.T.: 8.766 min
Delta R.T.: -0.039 min
Response: 3020409
Conc: 9.38 ng/ml



#42 AR-1268-2

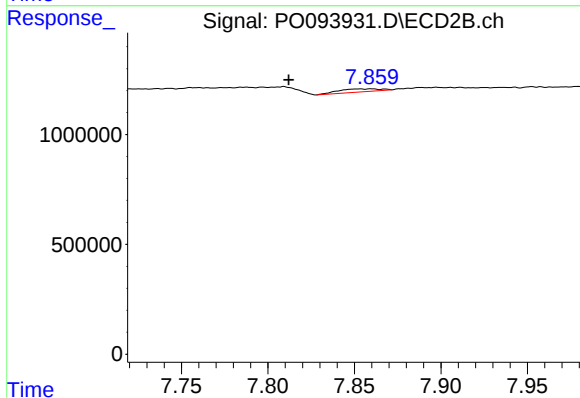
R.T.: 7.660 min
Delta R.T.: 0.055 min
Response: 694480
Conc: 5.11 ng/ml



#43 AR-1268-3

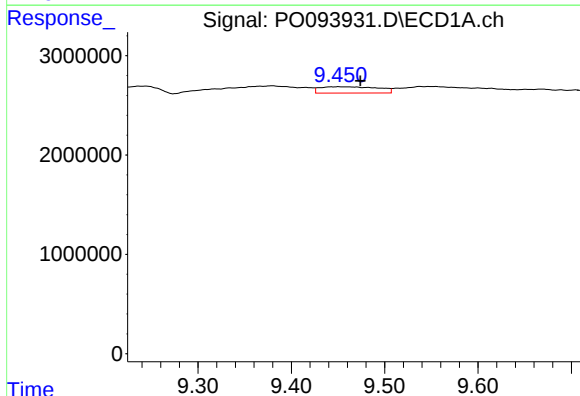
R.T.: 9.034 min
Delta R.T.: -0.004 min
Response: 806250
Conc: 2.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



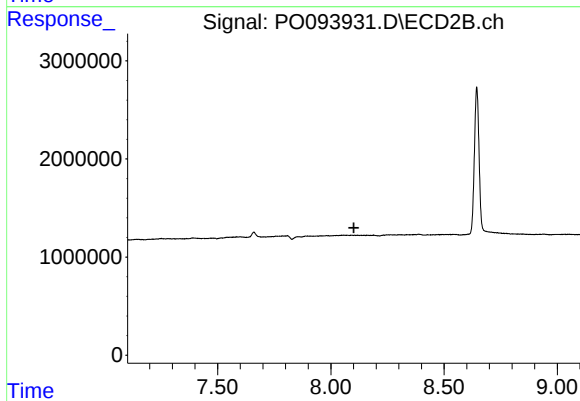
#43 AR-1268-3

R.T.: 7.853 min
Delta R.T.: 0.041 min
Response: 229692
Conc: 1.75 ng/ml



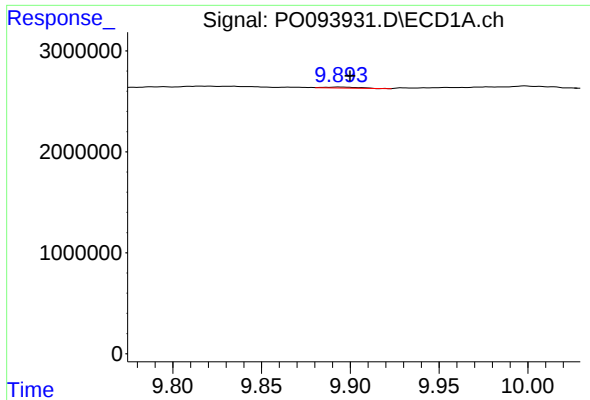
#44 AR-1268-4

R.T.: 9.451 min
Delta R.T.: -0.023 min
Response: 2746394
Conc: 28.40 ng/ml



#44 AR-1268-4

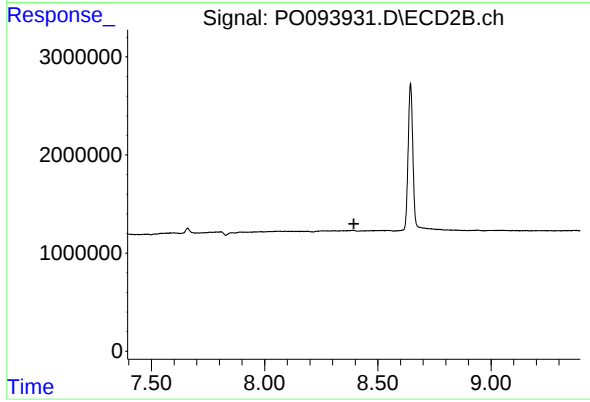
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.895 min
Delta R.T.: -0.005 min
Response: 114136
Conc: 0.14 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.