

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102822\
 Data File : PO090007.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2022 14:28
 Operator : YP/AJ
 Sample : N4955-02
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:51:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
 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...	4.306	3.485	56883690	18447024	17.699	17.357
2)	SA Decachlor...	10.050	8.490	50733313	19774506	20.703	19.200
Target Compounds							
3)	L1 AR-1016-1	5.480	4.571	2755157	923841	25.902	23.917
4)	L1 AR-1016-2	5.503	4.588	3280898	884849	21.538	16.541
5)	L1 AR-1016-3	5.565	4.766	1709704	603745	18.094	20.795
6)	L1 AR-1016-4	5.662	4.808	1671805	1374254	22.294	55.362 #
7)	L1 AR-1016-5	5.961	5.021	4827171	1553809	62.544	50.581
8)	L2 AR-1221-1	4.518	0.000	782120	0	20.490	N.D. #
9)	L2 AR-1221-2	4.612	3.783	736735	314479	25.916	30.987
10)	L2 AR-1221-3	4.679	0.000	310876	0	3.630	N.D. #
11)	L3 AR-1232-1	4.679	0.000	310876	0	4.747	N.D. #
12)	L3 AR-1232-2	5.210	4.588	1283330	884849	33.384	36.925
13)	L3 AR-1232-3	5.503	4.766	3280898	603745	48.960	47.543
14)	L3 AR-1232-4	5.662	4.850	1671805	1474080	50.634	120.900 #
15)	L3 AR-1232-5	5.756	5.021	4492704	1553809	169.580	116.374 #
16)	L4 AR-1242-1	5.480	4.571	2755157	923841	33.299	31.031
17)	L4 AR-1242-2	5.503	4.588	3280898	884849	27.780	21.754
18)	L4 AR-1242-3	5.565	4.766	1709704	603745	22.969	27.304
19)	L4 AR-1242-4	5.662	4.850	1671805	1474080	28.696	62.162 #
20)	L4 AR-1242-5	6.405	5.375	5373858	2169741	87.423	75.852
21)	L5 AR-1248-1	5.480	4.571	2755157	923841	43.562	40.694
22)	L5 AR-1248-2	5.756	4.808	4492704	1374254	47.441	42.269
23)	L5 AR-1248-3	5.961	4.850	4827171	1474080	48.967	43.731
24)	L5 AR-1248-4	6.366	5.021	5302751	1553809	49.736	40.178
25)	L5 AR-1248-5	6.405	5.415	5373858	1521718	51.157	42.026
26)	L6 AR-1254-1	6.340	5.375	4067002	2169741	35.091	36.834
27)	L6 AR-1254-2	6.562	5.524	5384597	716325	30.958	13.369 #
28)	L6 AR-1254-3	6.927	5.928	4188943	987948	24.129	11.920 #
29)	L6 AR-1254-4	7.215	6.159	3134910	625183	24.594	12.588 #
30)	L6 AR-1254-5	7.638	6.575	590518	130906	4.192	1.748 #
31)	L7 AR-1260-1	7.096	6.070	944789	430766	6.740	7.155
32)	L7 AR-1260-2	7.355	6.252	489100	112280	3.023	1.554 #
33)	L7 AR-1260-3	7.666f	6.401	65054	106300	0.619	1.595 #
34)	L7 AR-1260-4	7.956	0.000	73132	0	0.592	N.D. #
36)	L8 AR-1262-1	7.666f	6.575f	65054	130906	0.392	1.728 #
38)	L8 AR-1262-3	8.617f	0.000	186051	0	0.948	N.D. #
39)	L8 AR-1262-4	8.617f	0.000	186051	0	1.912	N.D. #
40)	L8 AR-1262-5	0.000	7.971	0	18329	N.D.	0.386 #
41)	L9 AR-1268-1	8.617f	0.000	186051	0	0.534	N.D. #
42)	L9 AR-1268-2	8.617f	0.000	186051	0	0.596	N.D. #
43)	L9 AR-1268-3	8.875	0.000	22900	0	0.085	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102822\
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 Acq On : 28 Oct 2022 14:28
 Operator : YP/AJ
 Sample : N4955-02
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 18 Sample Multiplier: 1

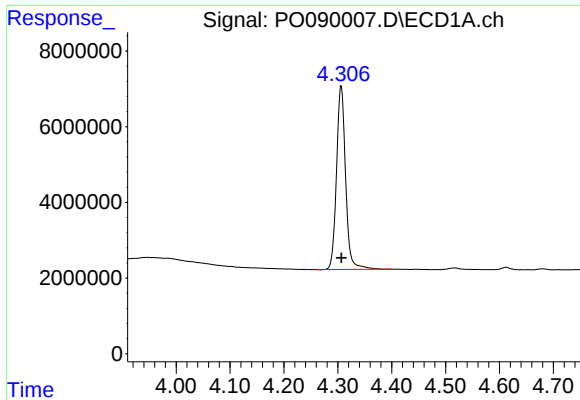
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:51:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
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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
44) L9	AR-1268-4	0.000	7.971	0	18329	N.D.	0.337 #
45) L9	AR-1268-5	0.000	8.239	0	204703	N.D.	0.585 #

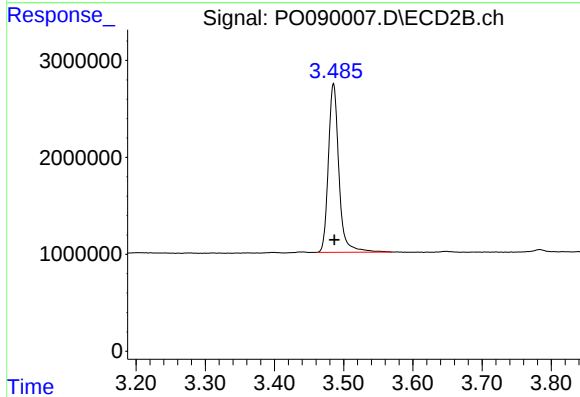
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

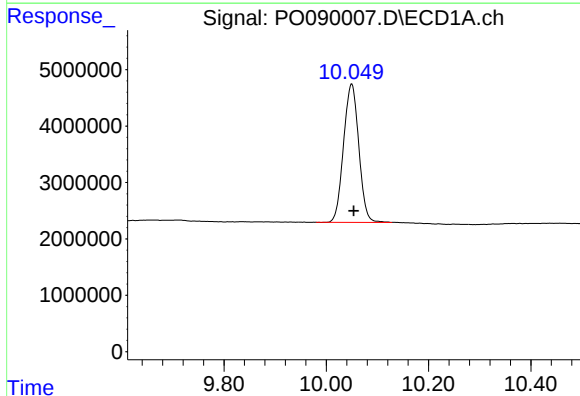
R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 56883690
Conc: 17.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



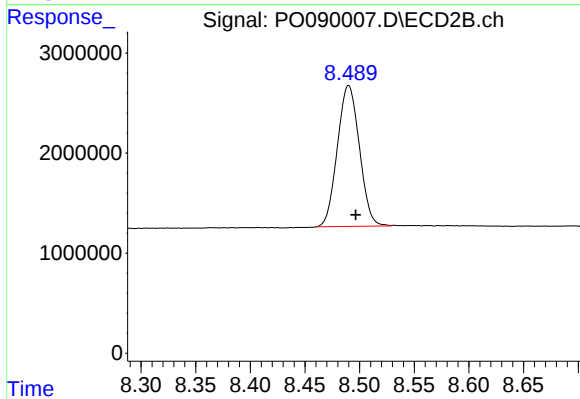
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: -0.001 min
Response: 18447024
Conc: 17.36 ng/ml



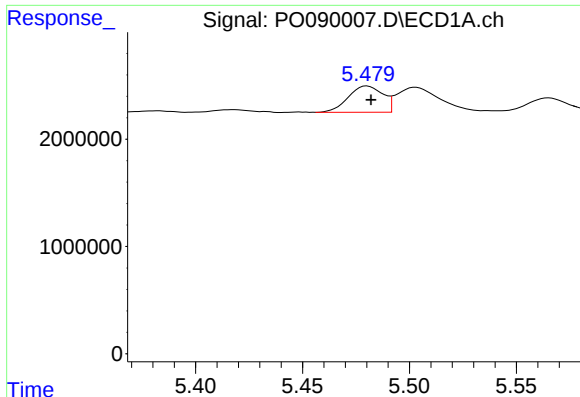
#2 Decachlorobiphenyl

R.T.: 10.050 min
Delta R.T.: -0.004 min
Response: 50733313
Conc: 20.70 ng/ml



#2 Decachlorobiphenyl

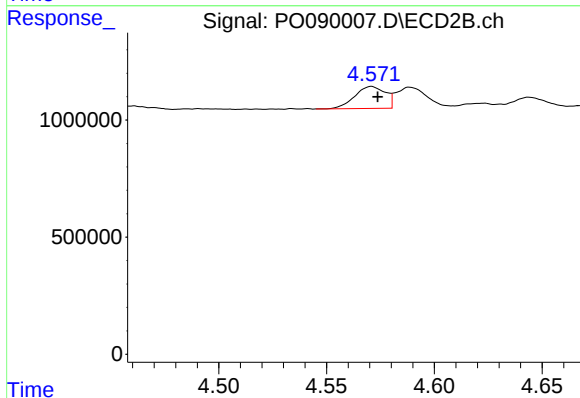
R.T.: 8.490 min
Delta R.T.: -0.006 min
Response: 19774506
Conc: 19.20 ng/ml



#3 AR-1016-1

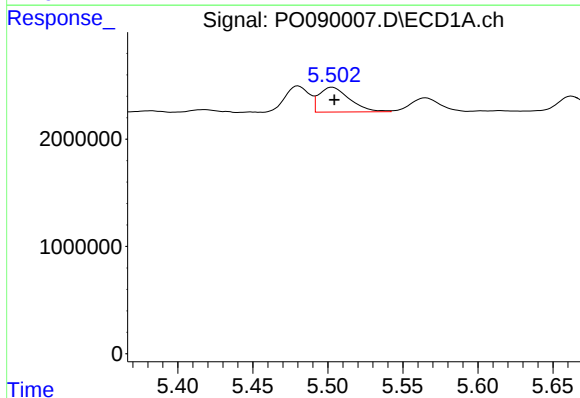
R.T.: 5.480 min
Delta R.T.: -0.002 min
Response: 2755157
Conc: 25.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



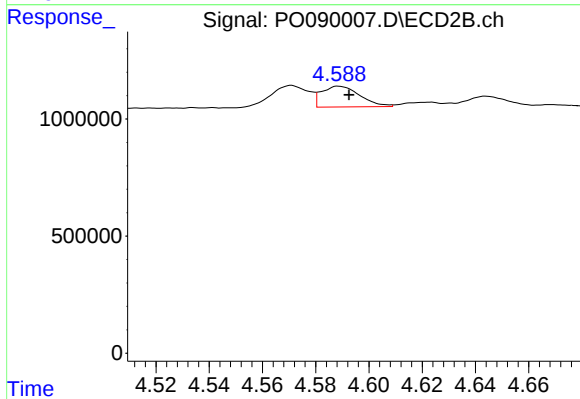
#3 AR-1016-1

R.T.: 4.571 min
Delta R.T.: -0.003 min
Response: 923841
Conc: 23.92 ng/ml



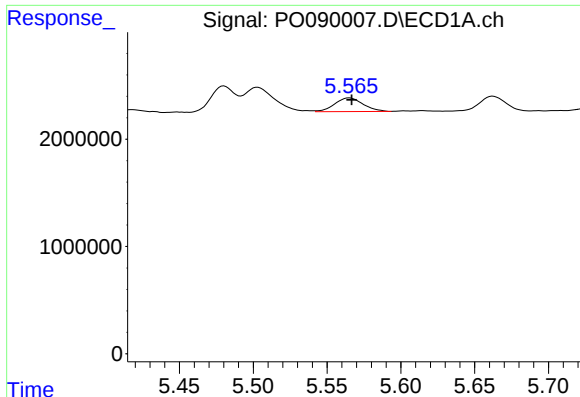
#4 AR-1016-2

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 3280898
Conc: 21.54 ng/ml



#4 AR-1016-2

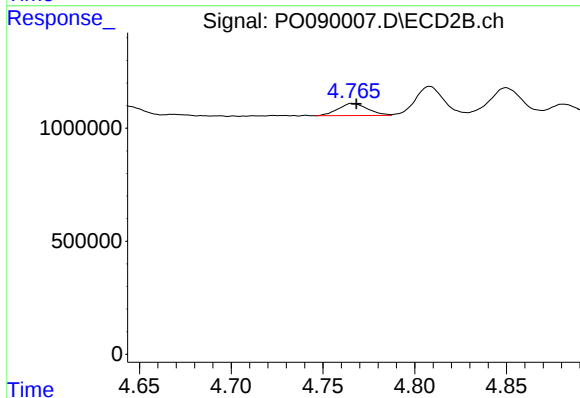
R.T.: 4.588 min
Delta R.T.: -0.004 min
Response: 884849
Conc: 16.54 ng/ml



#5 AR-1016-3

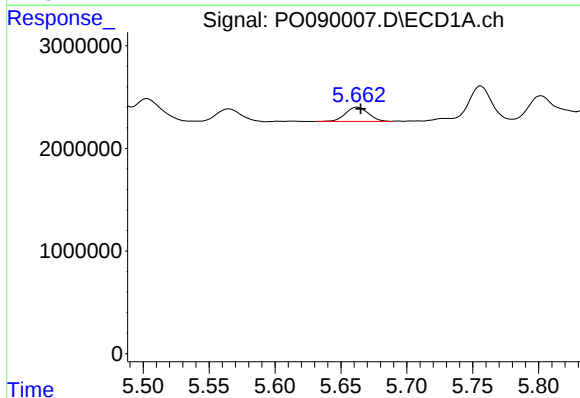
R.T.: 5.565 min
Delta R.T.: -0.002 min
Response: 1709704
Conc: 18.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



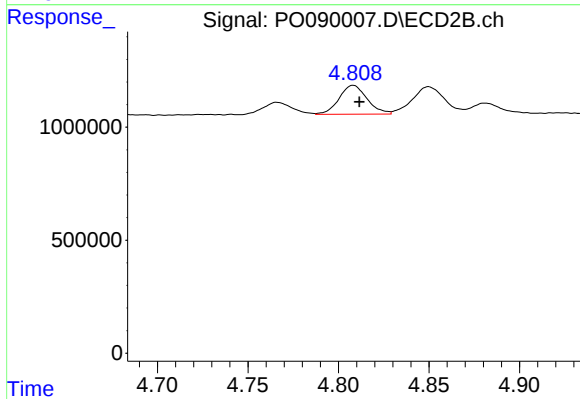
#5 AR-1016-3

R.T.: 4.766 min
Delta R.T.: -0.002 min
Response: 603745
Conc: 20.80 ng/ml



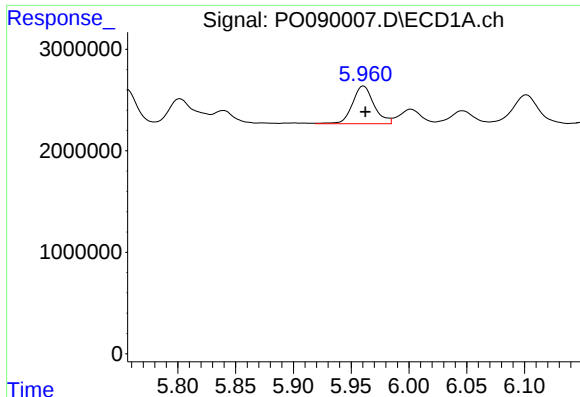
#6 AR-1016-4

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 1671805
Conc: 22.29 ng/ml



#6 AR-1016-4

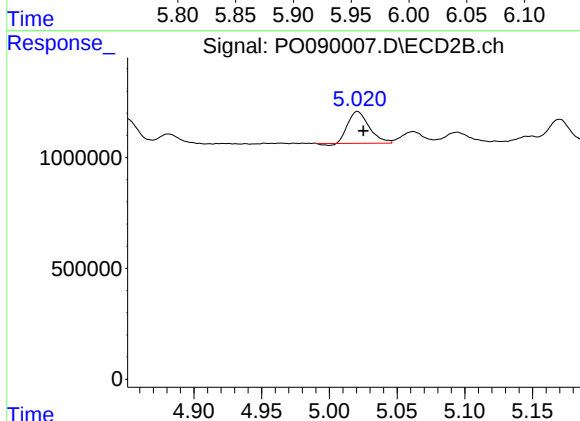
R.T.: 4.808 min
Delta R.T.: -0.003 min
Response: 1374254
Conc: 55.36 ng/ml



#7 AR-1016-5

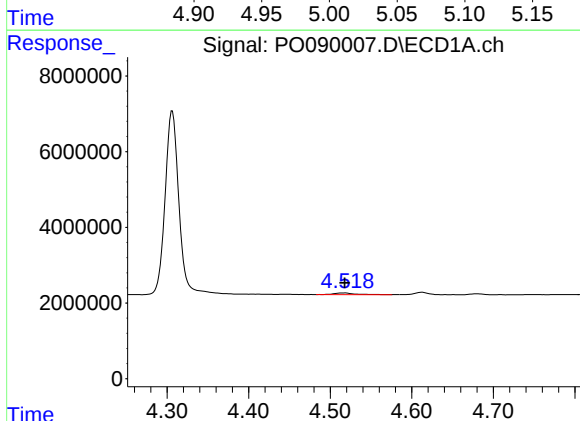
R.T.: 5.961 min
Delta R.T.: -0.002 min
Response: 4827171
Conc: 62.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



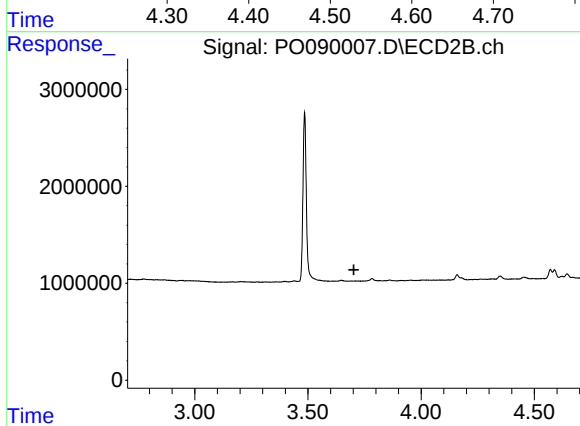
#7 AR-1016-5

R.T.: 5.021 min
Delta R.T.: -0.004 min
Response: 1553809
Conc: 50.58 ng/ml



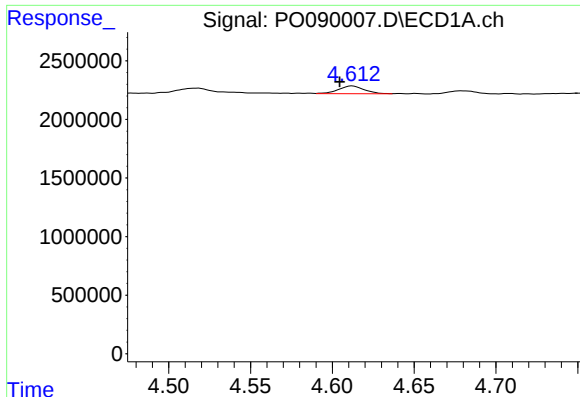
#8 AR-1221-1

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 782120
Conc: 20.49 ng/ml



#8 AR-1221-1

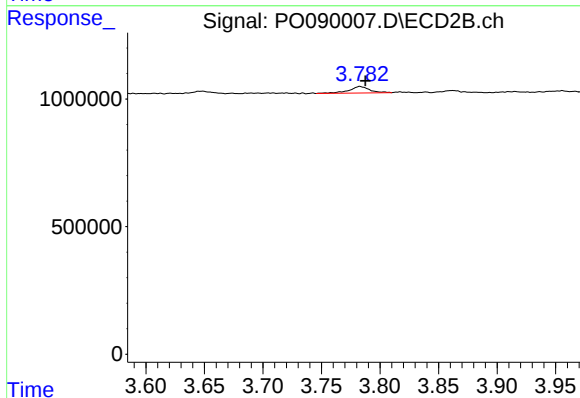
R.T.: 0.000 min
Exp R.T. : 3.703 min
Response: 0
Conc: N.D.



#9 AR-1221-2

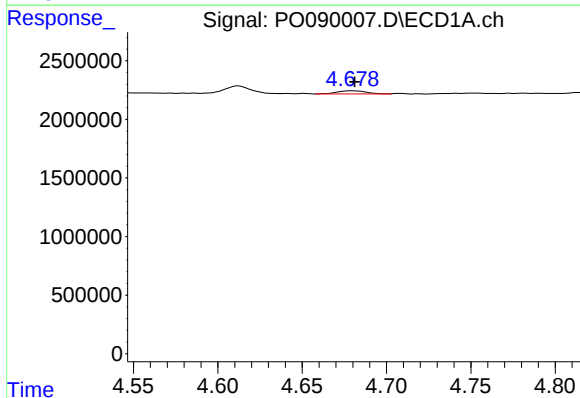
R.T.: 4.612 min
Delta R.T.: 0.008 min
Response: 736735
Conc: 25.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



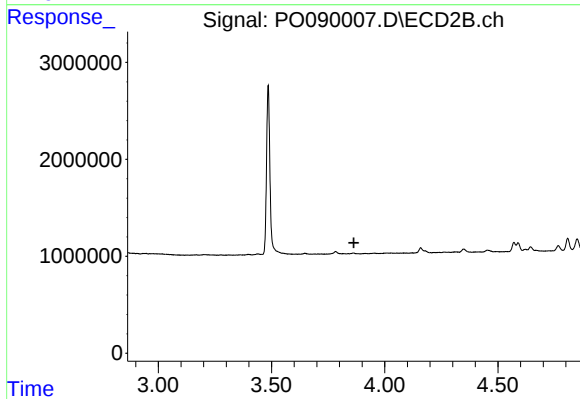
#9 AR-1221-2

R.T.: 3.783 min
Delta R.T.: -0.005 min
Response: 314479
Conc: 30.99 ng/ml



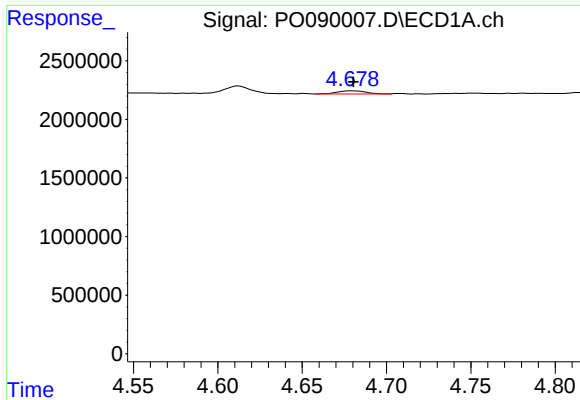
#10 AR-1221-3

R.T.: 4.679 min
Delta R.T.: -0.002 min
Response: 310876
Conc: 3.63 ng/ml



#10 AR-1221-3

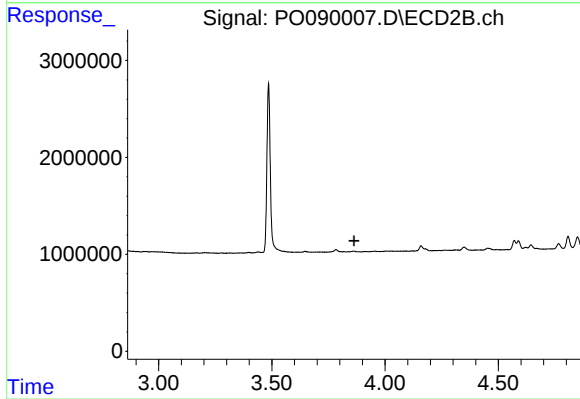
R.T.: 0.000 min
Exp R.T.: 3.864 min
Response: 0
Conc: N.D.



#11 AR-1232-1

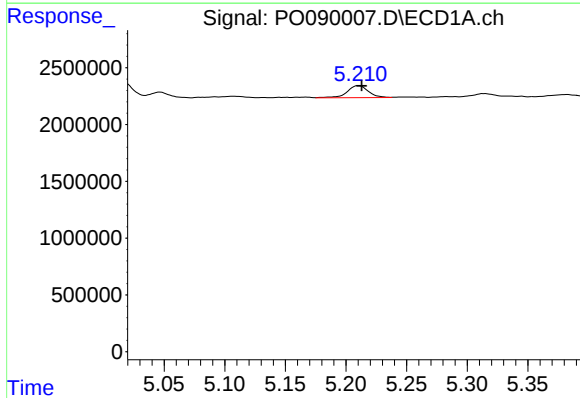
R.T.: 4.679 min
Delta R.T.: -0.001 min
Response: 310876
Conc: 4.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



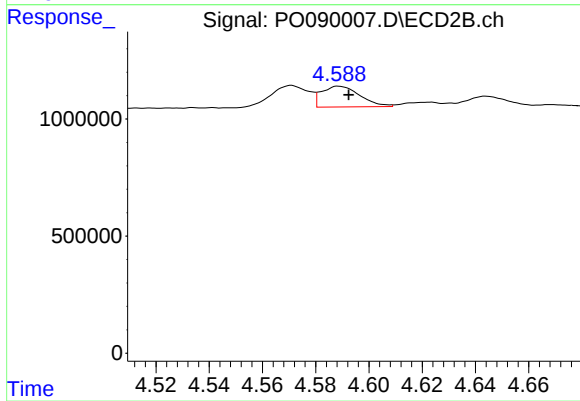
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.863 min
Response: 0
Conc: N.D.



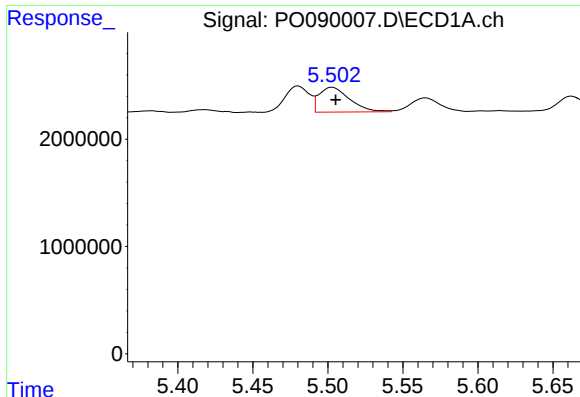
#12 AR-1232-2

R.T.: 5.210 min
Delta R.T.: -0.003 min
Response: 1283330
Conc: 33.38 ng/ml



#12 AR-1232-2

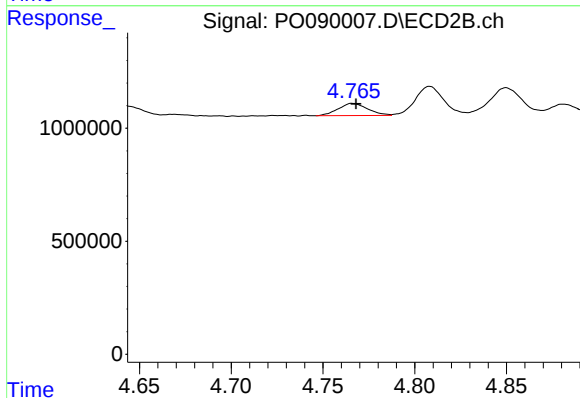
R.T.: 4.588 min
Delta R.T.: -0.004 min
Response: 884849
Conc: 36.93 ng/ml



#13 AR-1232-3

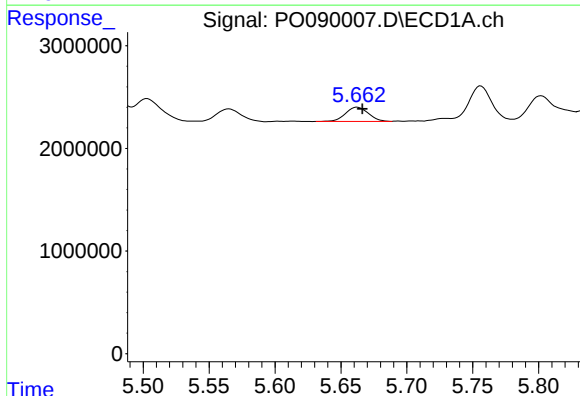
R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 3280898
Conc: 48.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



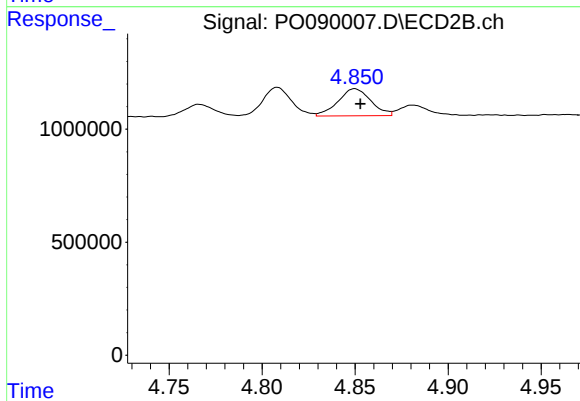
#13 AR-1232-3

R.T.: 4.766 min
Delta R.T.: -0.002 min
Response: 603745
Conc: 47.54 ng/ml



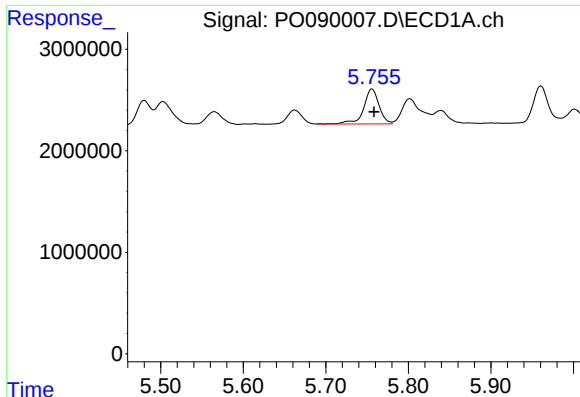
#14 AR-1232-4

R.T.: 5.662 min
Delta R.T.: -0.004 min
Response: 1671805
Conc: 50.63 ng/ml



#14 AR-1232-4

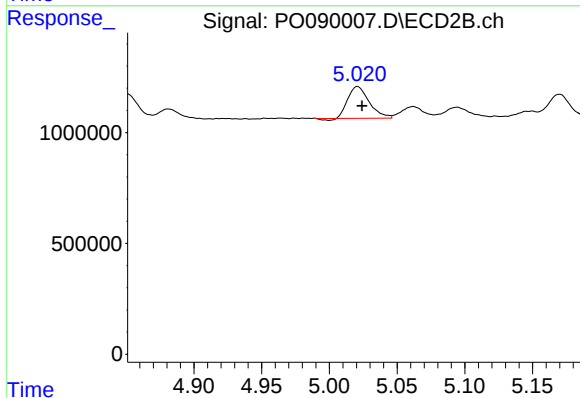
R.T.: 4.850 min
Delta R.T.: -0.003 min
Response: 1474080
Conc: 120.90 ng/ml



#15 AR-1232-5

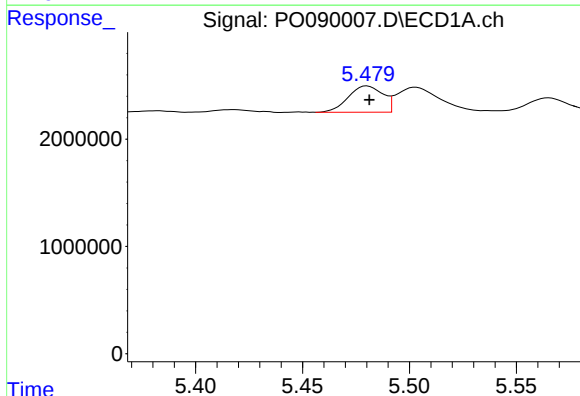
R.T.: 5.756 min
Delta R.T.: -0.002 min
Response: 4492704
Conc: 169.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



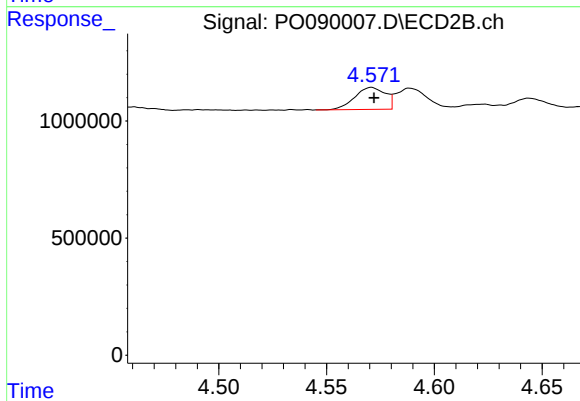
#15 AR-1232-5

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 1553809
Conc: 116.37 ng/ml



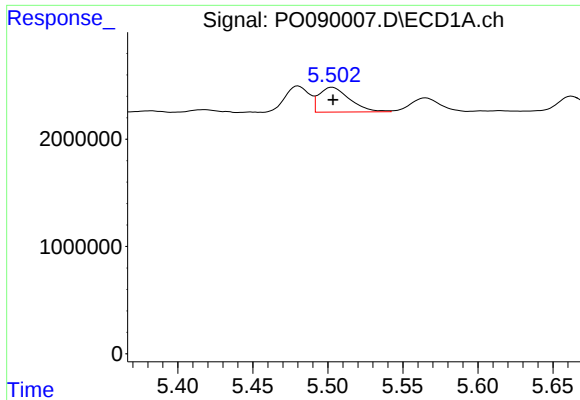
#16 AR-1242-1

R.T.: 5.480 min
Delta R.T.: -0.001 min
Response: 2755157
Conc: 33.30 ng/ml



#16 AR-1242-1

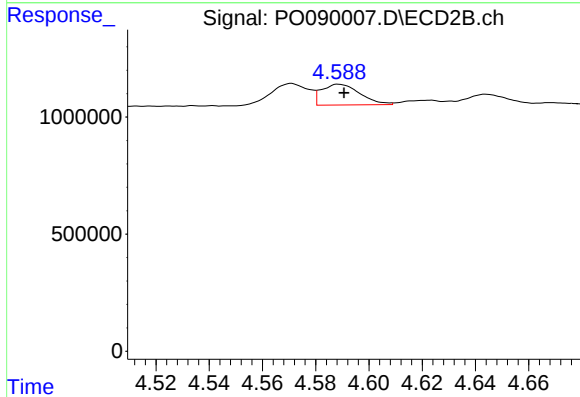
R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 923841
Conc: 31.03 ng/ml



#17 AR-1242-2

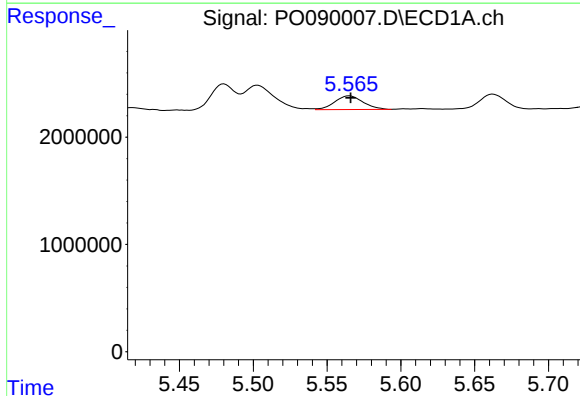
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 3280898
Conc: 27.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



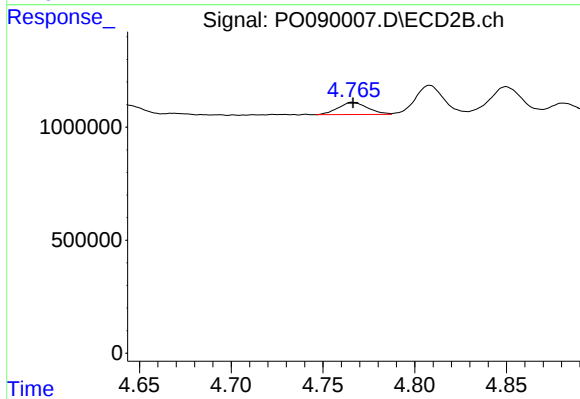
#17 AR-1242-2

R.T.: 4.588 min
Delta R.T.: -0.002 min
Response: 884849
Conc: 21.75 ng/ml



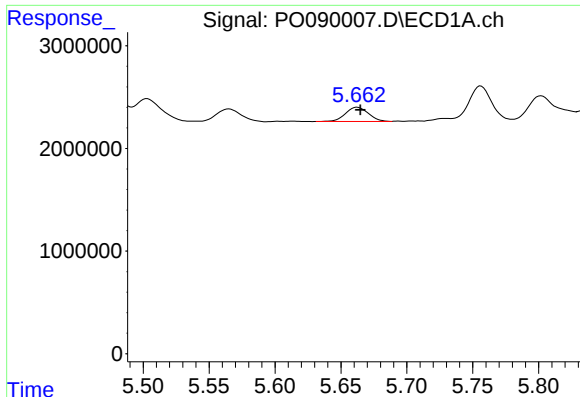
#18 AR-1242-3

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 1709704
Conc: 22.97 ng/ml



#18 AR-1242-3

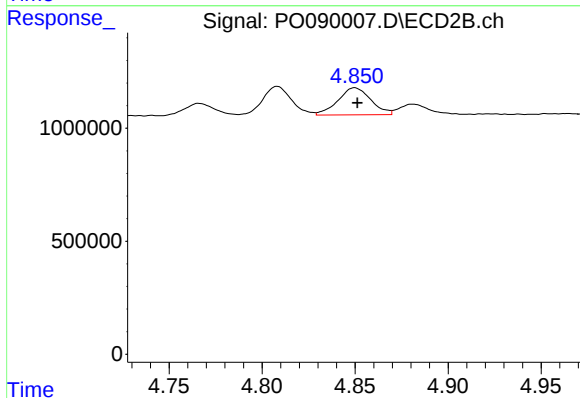
R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 603745
Conc: 27.30 ng/ml



#19 AR-1242-4

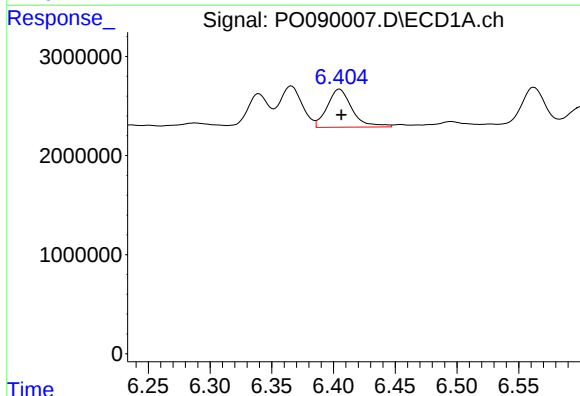
R.T.: 5.662 min
Delta R.T.: -0.002 min
Response: 1671805
Conc: 28.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



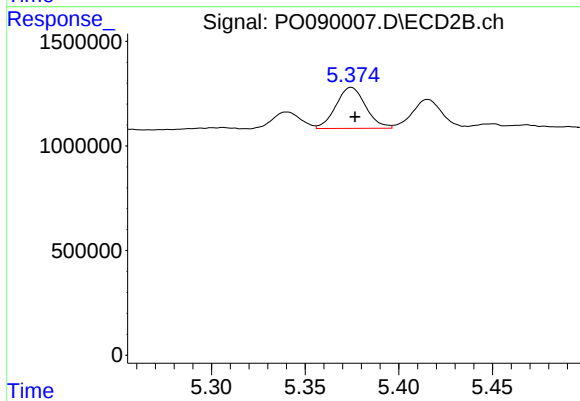
#19 AR-1242-4

R.T.: 4.850 min
Delta R.T.: -0.001 min
Response: 1474080
Conc: 62.16 ng/ml



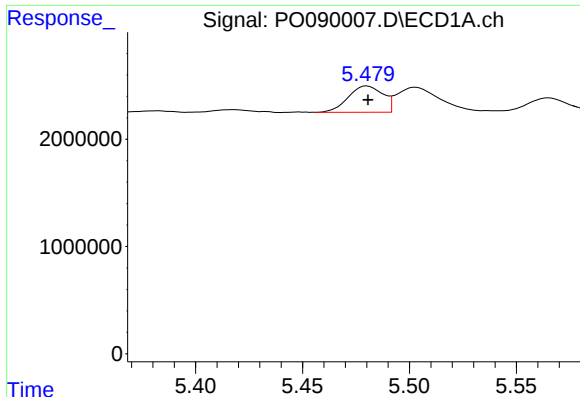
#20 AR-1242-5

R.T.: 6.405 min
Delta R.T.: -0.001 min
Response: 5373858
Conc: 87.42 ng/ml



#20 AR-1242-5

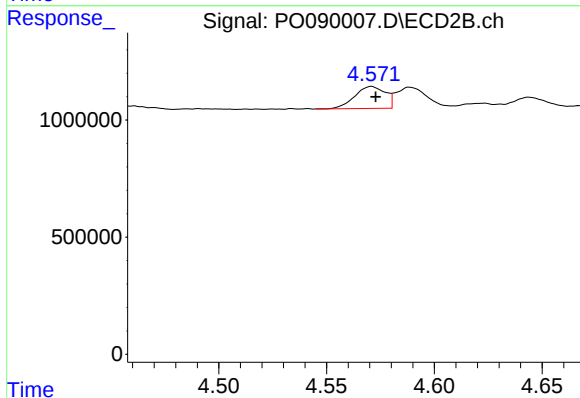
R.T.: 5.375 min
Delta R.T.: -0.002 min
Response: 2169741
Conc: 75.85 ng/ml



#21 AR-1248-1

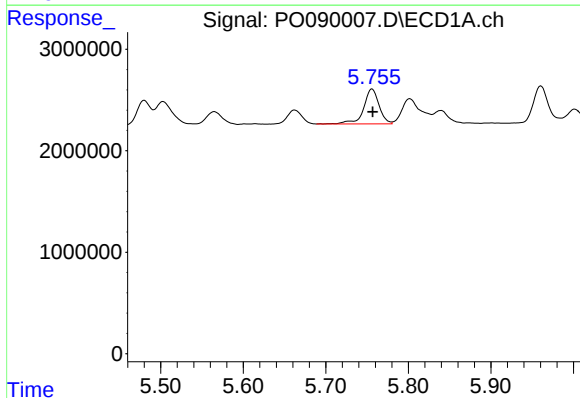
R.T.: 5.480 min
Delta R.T.: 0.000 min
Response: 2755157
Conc: 43.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



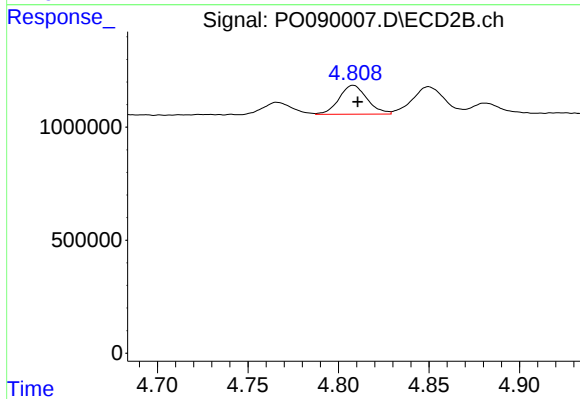
#21 AR-1248-1

R.T.: 4.571 min
Delta R.T.: -0.002 min
Response: 923841
Conc: 40.69 ng/ml



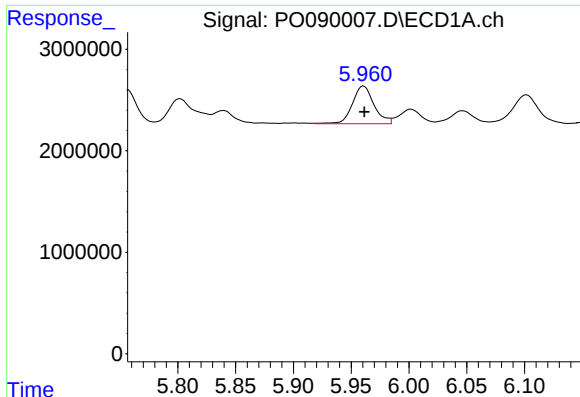
#22 AR-1248-2

R.T.: 5.756 min
Delta R.T.: 0.000 min
Response: 4492704
Conc: 47.44 ng/ml



#22 AR-1248-2

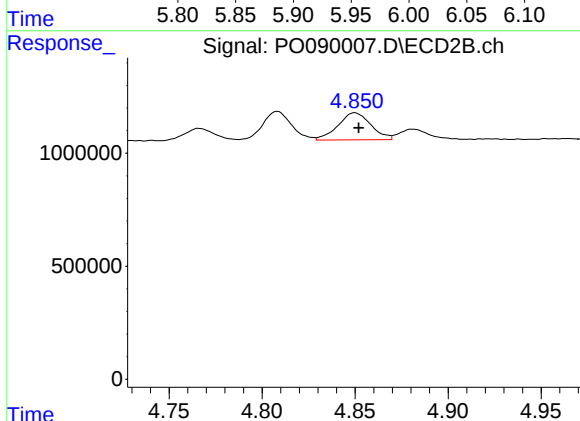
R.T.: 4.808 min
Delta R.T.: -0.002 min
Response: 1374254
Conc: 42.27 ng/ml



#23 AR-1248-3

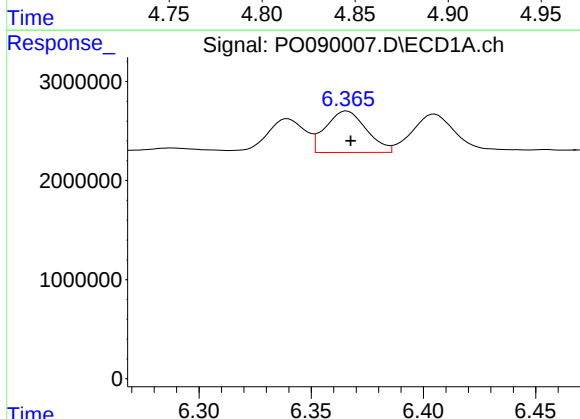
R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 4827171
Conc: 48.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



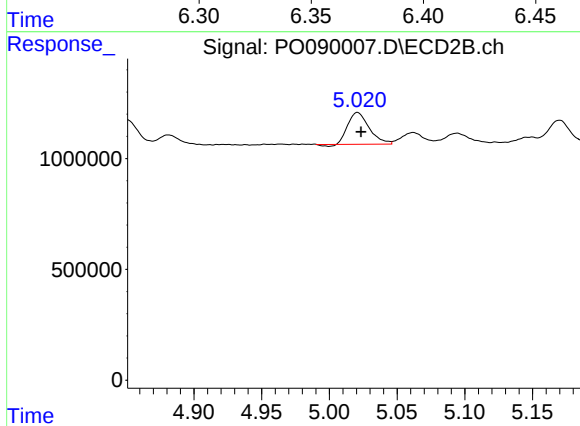
#23 AR-1248-3

R.T.: 4.850 min
Delta R.T.: -0.002 min
Response: 1474080
Conc: 43.73 ng/ml



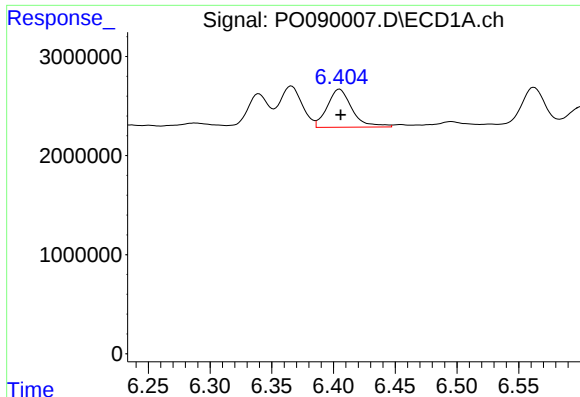
#24 AR-1248-4

R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 5302751
Conc: 49.74 ng/ml



#24 AR-1248-4

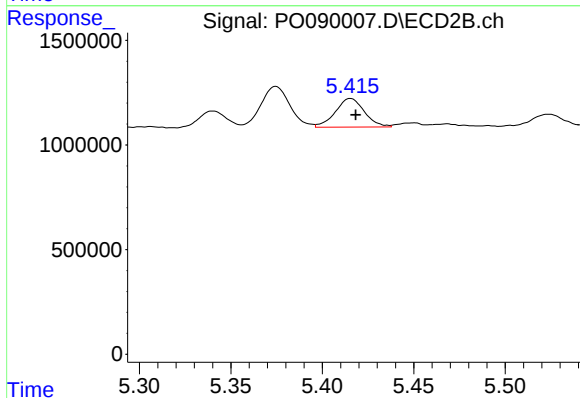
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 1553809
Conc: 40.18 ng/ml



#25 AR-1248-5

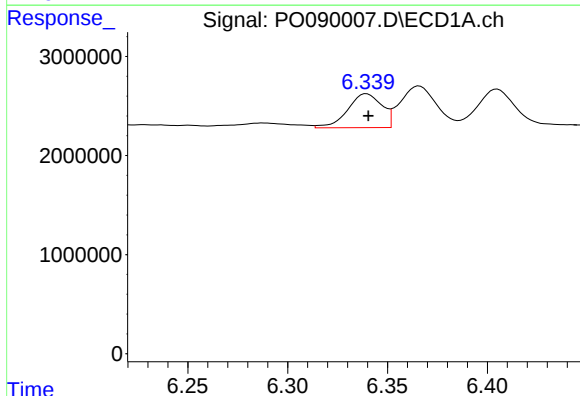
R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 5373858
Conc: 51.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



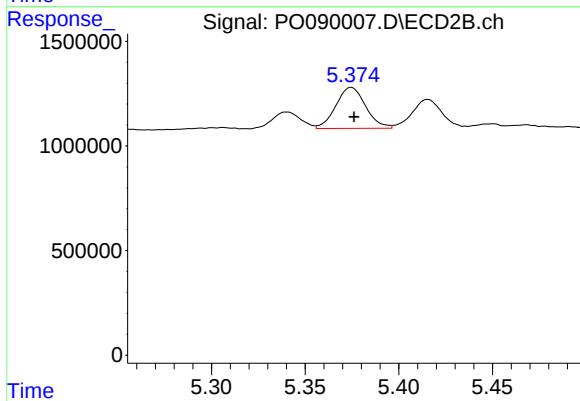
#25 AR-1248-5

R.T.: 5.415 min
Delta R.T.: -0.003 min
Response: 1521718
Conc: 42.03 ng/ml



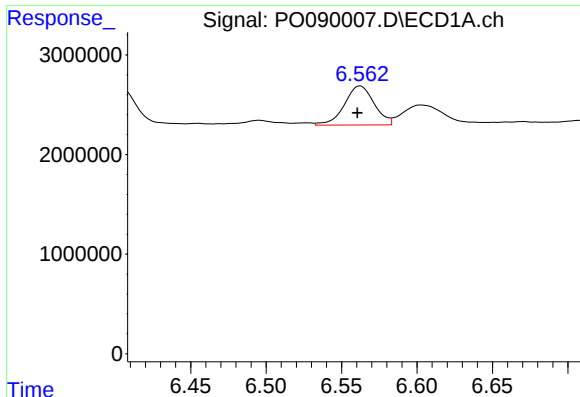
#26 AR-1254-1

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 4067002
Conc: 35.09 ng/ml



#26 AR-1254-1

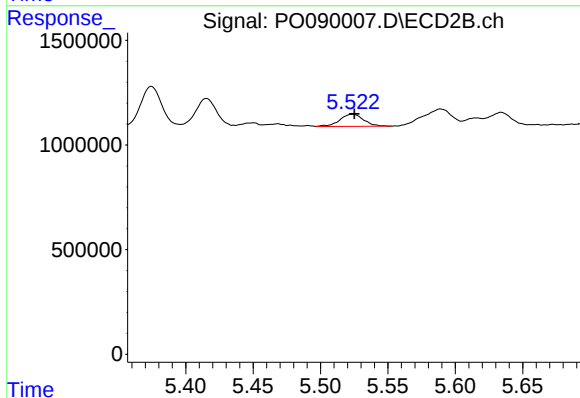
R.T.: 5.375 min
Delta R.T.: -0.002 min
Response: 2169741
Conc: 36.83 ng/ml



#27 AR-1254-2

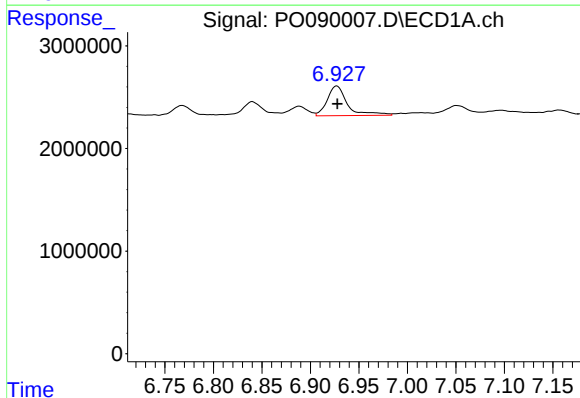
R.T.: 6.562 min
Delta R.T.: 0.002 min
Response: 5384597
Conc: 30.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



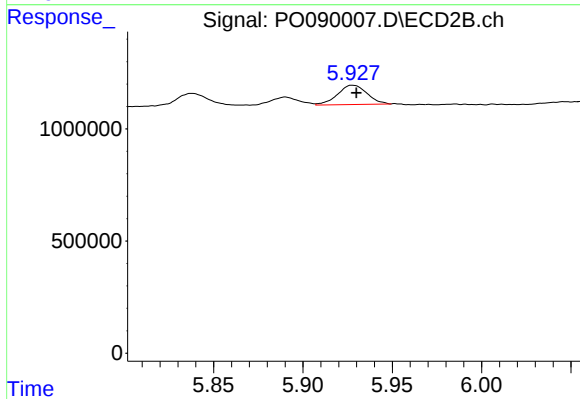
#27 AR-1254-2

R.T.: 5.524 min
Delta R.T.: -0.001 min
Response: 716325
Conc: 13.37 ng/ml



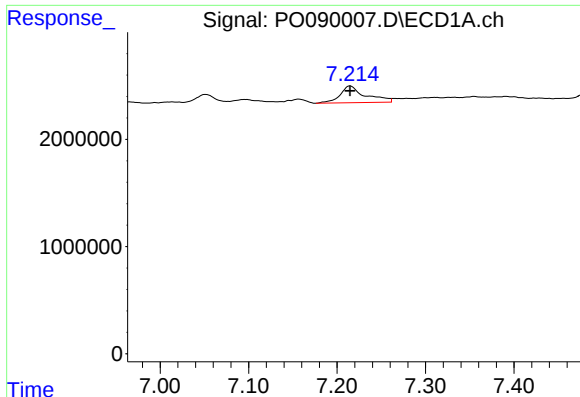
#28 AR-1254-3

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 4188943
Conc: 24.13 ng/ml



#28 AR-1254-3

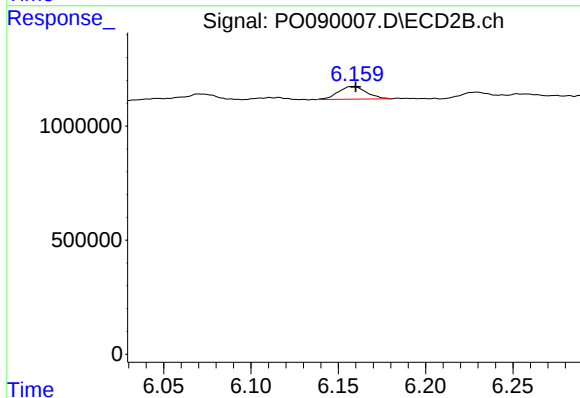
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 987948
Conc: 11.92 ng/ml



#29 AR-1254-4

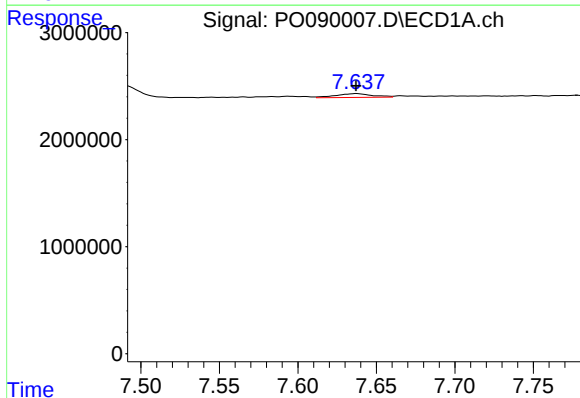
R.T.: 7.215 min
Delta R.T.: 0.000 min
Response: 3134910
Conc: 24.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



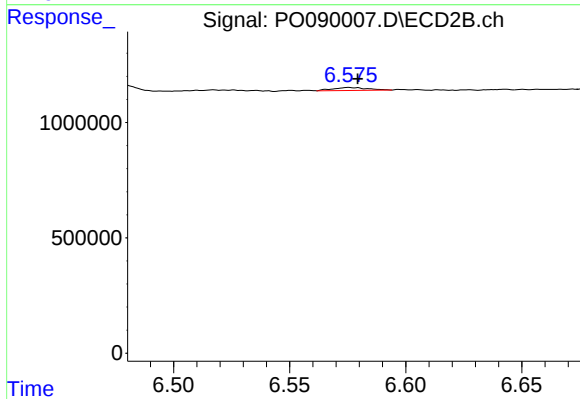
#29 AR-1254-4

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 625183
Conc: 12.59 ng/ml



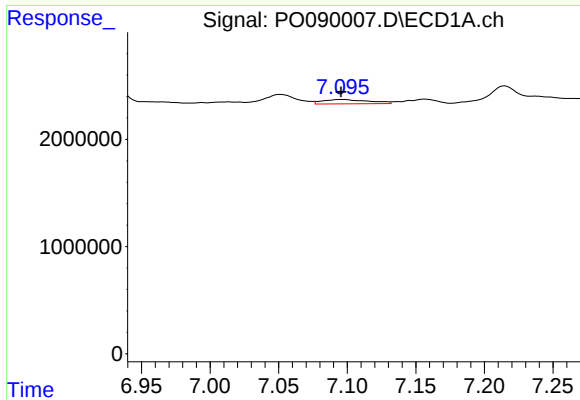
#30 AR-1254-5

R.T.: 7.638 min
Delta R.T.: 0.000 min
Response: 590518
Conc: 4.19 ng/ml



#30 AR-1254-5

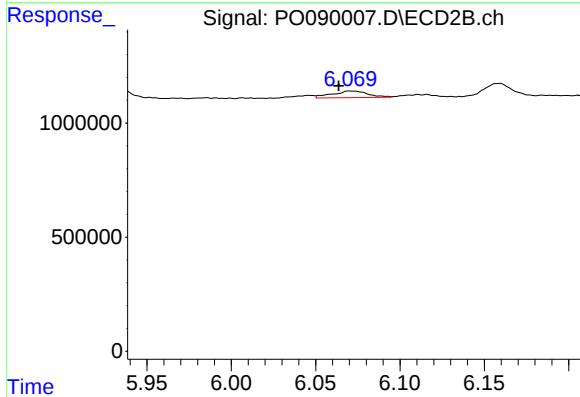
R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 130906
Conc: 1.75 ng/ml



#31 AR-1260-1

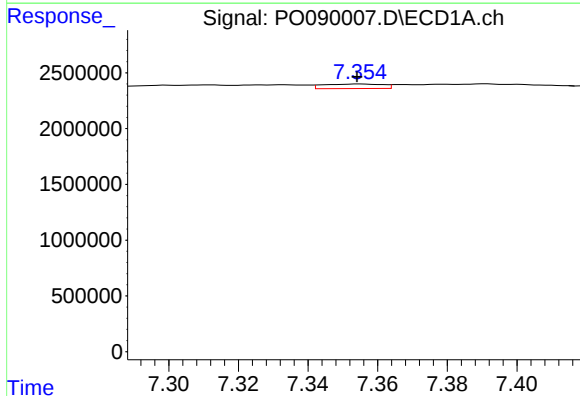
R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 944789
Conc: 6.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



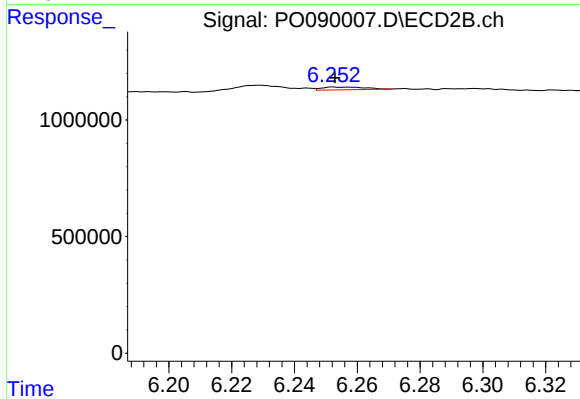
#31 AR-1260-1

R.T.: 6.070 min
Delta R.T.: 0.006 min
Response: 430766
Conc: 7.16 ng/ml



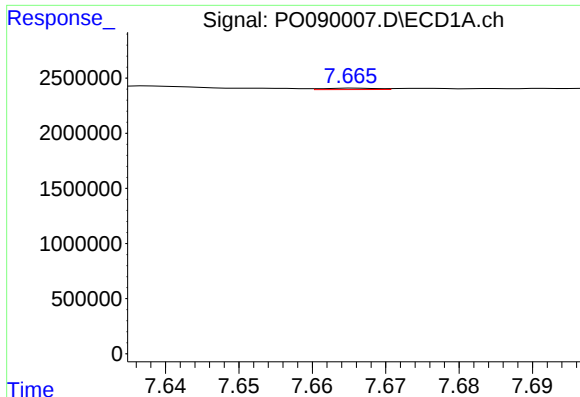
#32 AR-1260-2

R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 489100
Conc: 3.02 ng/ml



#32 AR-1260-2

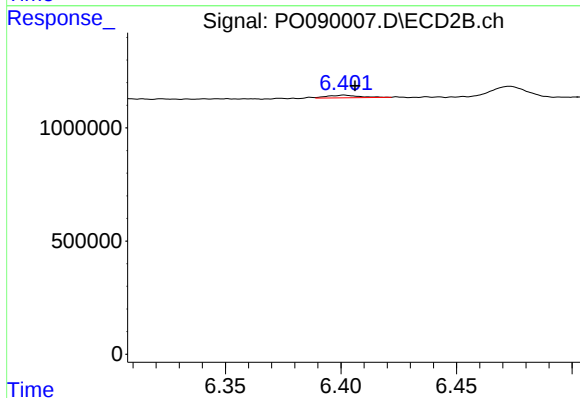
R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 112280
Conc: 1.55 ng/ml



#33 AR-1260-3

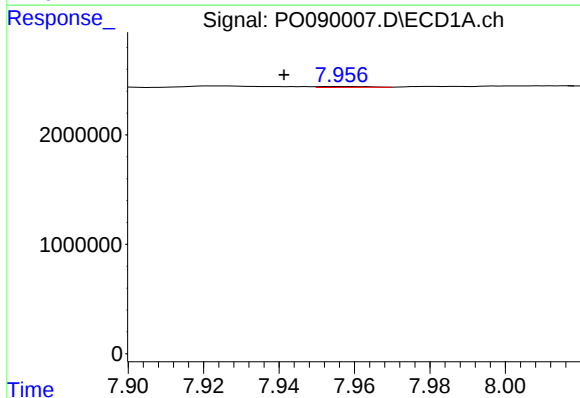
R.T.: 7.666 min
Delta R.T.: -0.050 min
Response: 65054
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



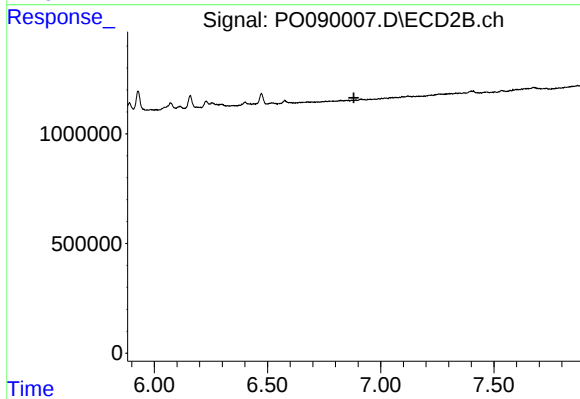
#33 AR-1260-3

R.T.: 6.401 min
Delta R.T.: -0.005 min
Response: 106300
Conc: 1.60 ng/ml



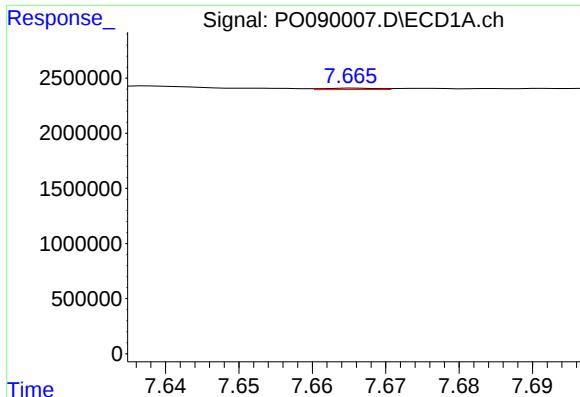
#34 AR-1260-4

R.T.: 7.956 min
Delta R.T.: 0.015 min
Response: 73132
Conc: 0.59 ng/ml



#34 AR-1260-4

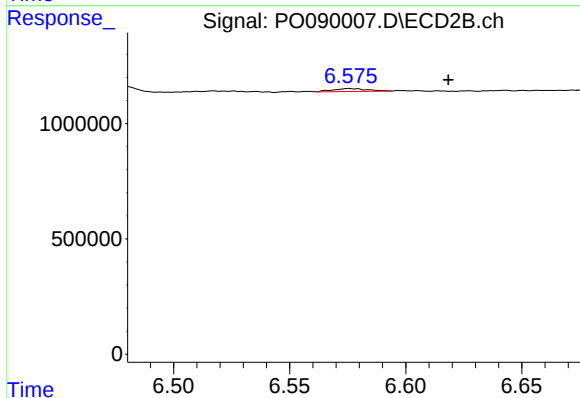
R.T.: 0.000 min
Exp R.T.: 6.881 min
Response: 0
Conc: N.D.



#36 AR-1262-1

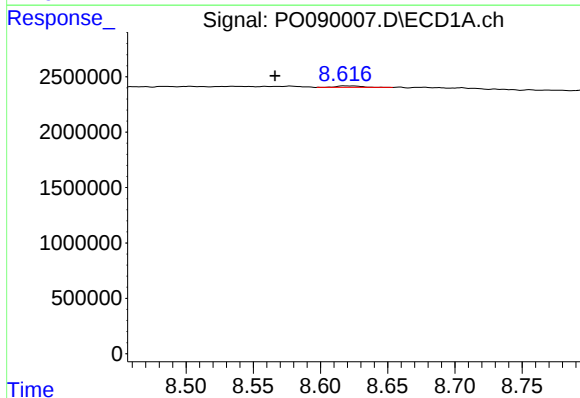
R.T.: 7.666 min
Delta R.T.: -0.048 min
Response: 65054
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



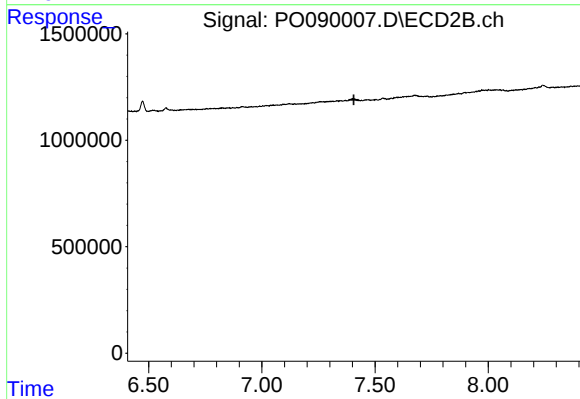
#36 AR-1262-1

R.T.: 6.575 min
Delta R.T.: -0.043 min
Response: 130906
Conc: 1.73 ng/ml



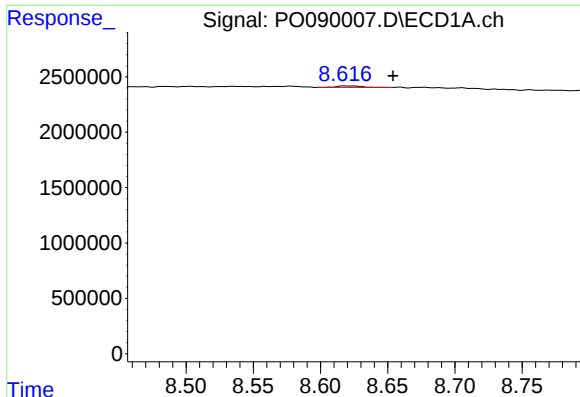
#38 AR-1262-3

R.T.: 8.617 min
Delta R.T.: 0.051 min
Response: 186051
Conc: 0.95 ng/ml



#38 AR-1262-3

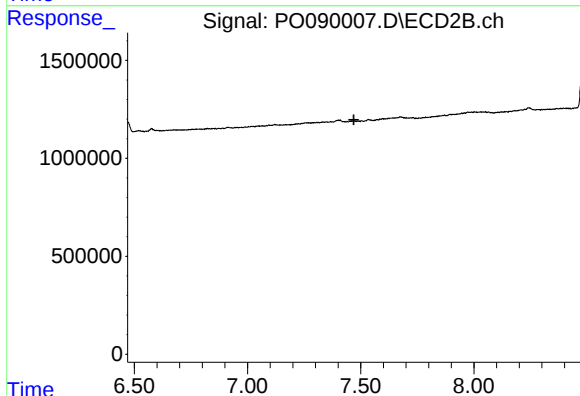
R.T.: 0.000 min
Exp R.T.: 7.407 min
Response: 0
Conc: N.D.



#39 AR-1262-4

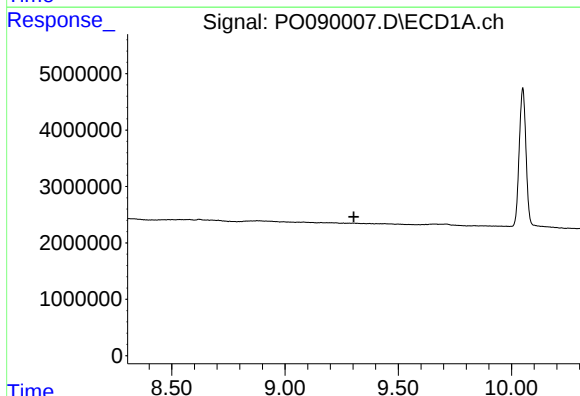
R.T.: 8.617 min
Delta R.T.: -0.037 min
Response: 186051
Conc: 1.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



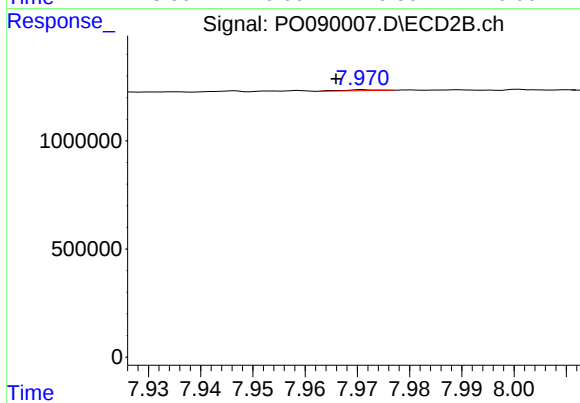
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.470 min
Response: 0
Conc: N.D.



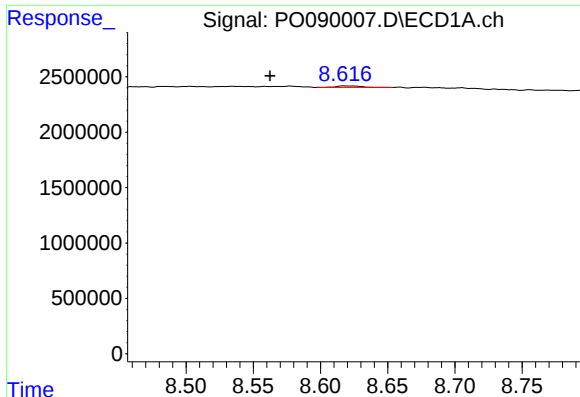
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.303 min
Response: 0
Conc: N.D.



#40 AR-1262-5

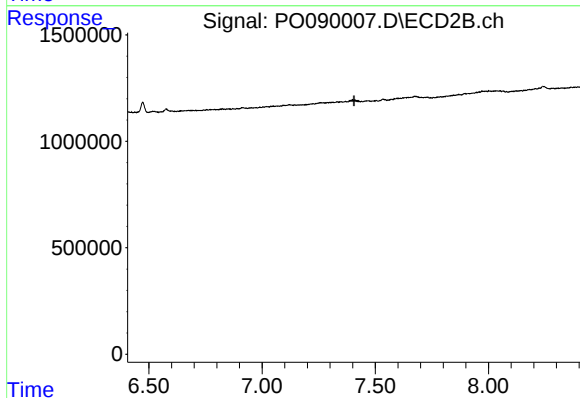
R.T.: 7.971 min
Delta R.T.: 0.005 min
Response: 18329
Conc: 0.39 ng/ml



#41 AR-1268-1

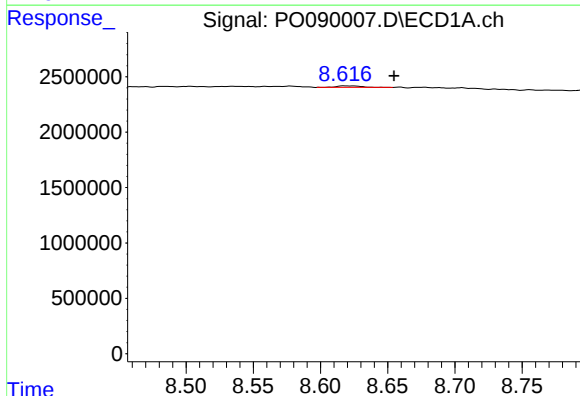
R.T.: 8.617 min
Delta R.T.: 0.055 min
Response: 186051
Conc: 0.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



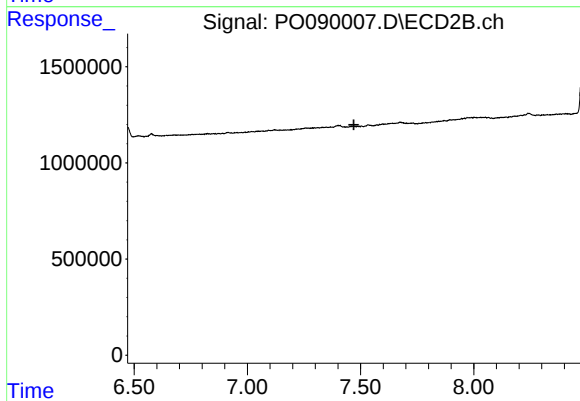
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.406 min
Response: 0
Conc: N.D.



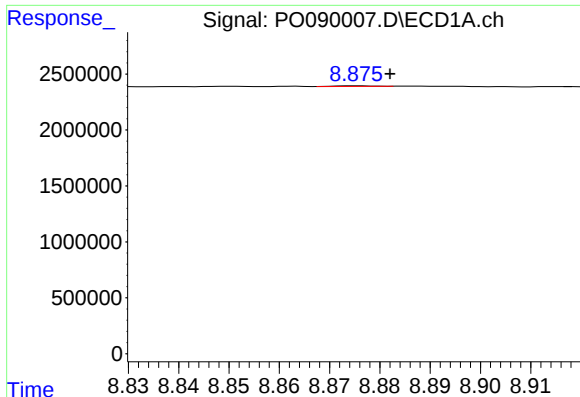
#42 AR-1268-2

R.T.: 8.617 min
Delta R.T.: -0.037 min
Response: 186051
Conc: 0.60 ng/ml



#42 AR-1268-2

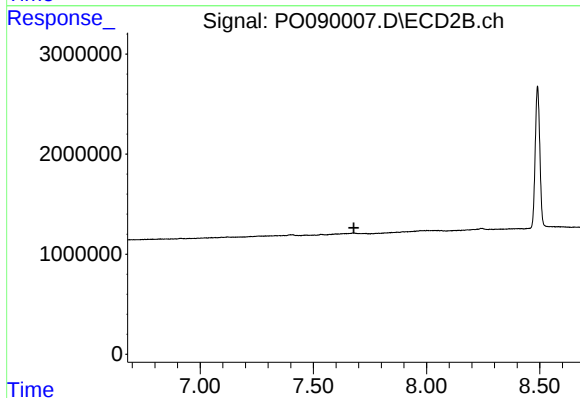
R.T.: 0.000 min
Exp R.T. : 7.471 min
Response: 0
Conc: N.D.



#43 AR-1268-3

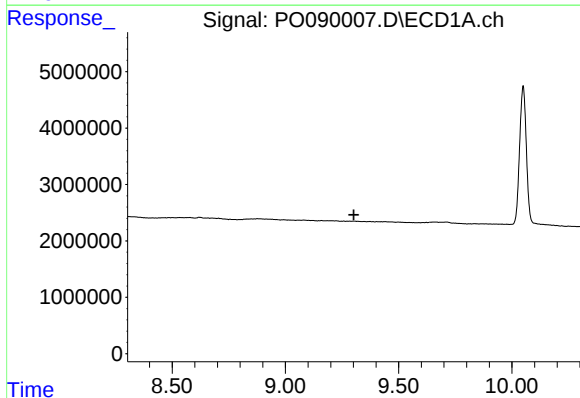
R.T.: 8.875 min
Delta R.T.: -0.007 min
Response: 22900
Conc: 0.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



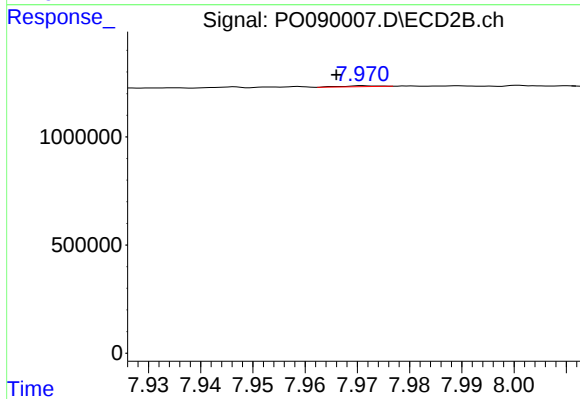
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.679 min
Response: 0
Conc: N.D.



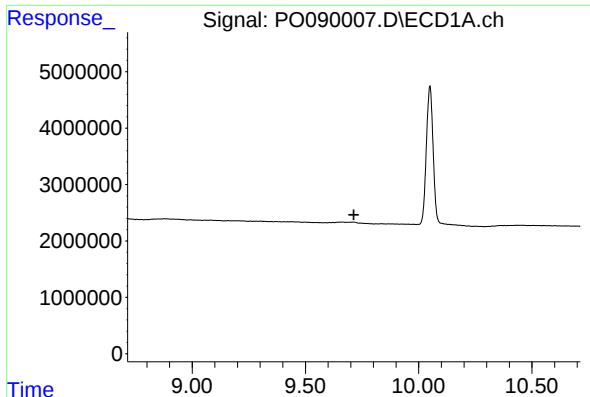
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.302 min
Response: 0
Conc: N.D.



#44 AR-1268-4

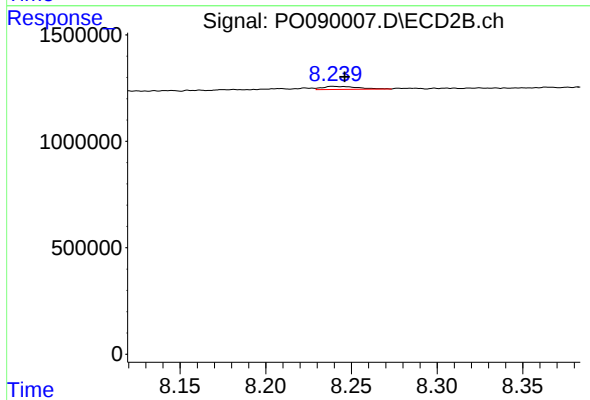
R.T.: 7.971 min
Delta R.T.: 0.005 min
Response: 18329
Conc: 0.34 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.239 min
Delta R.T.: -0.007 min
Response: 204703
Conc: 0.58 ng/ml