

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010323\
 Data File : P0091783.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2023 13:57
 Operator : YP/AJ
 Sample : N6248-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 03 20:34:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 22 03:53:05 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...	4.291	3.468	65392489	30051312	24.069	29.635
2)	SA Decachlor...	10.033	8.464	47173552	20747448	25.069	23.781
Target Compounds							
3)	L1 AR-1016-1	5.491	4.552	1293395	128227	14.386	3.705 #
4)	L1 AR-1016-2	5.491	4.572	1293395	375968	10.028	7.631
5)	L1 AR-1016-3	5.559	4.754	501285	680675	6.325	25.951 #
6)	L1 AR-1016-4	0.000	4.788	0	413892	N.D.	18.725 #
7)	L1 AR-1016-5	5.945	5.036	2212669	562054	35.113	20.658 #
8)	L2 AR-1221-1	4.499	3.672	13073284	307310	383.677	24.092 #
9)	L2 AR-1221-2	4.598	3.748	1189282	5117736	46.669	527.056 #
10)	L2 AR-1221-3	4.598f	3.845	1189282	142710	15.208	4.720 #
11)	L3 AR-1232-1	4.598f	3.845	1189282	142710	19.789	6.058 #
12)	L3 AR-1232-2	5.196	4.572	3966336	375968	109.947	15.667 #
13)	L3 AR-1232-3	5.491	4.754	1293395	680675	20.945	54.371 #
14)	L3 AR-1232-4	0.000	4.852	0	687561	N.D.	58.243 #
15)	L3 AR-1232-5	5.746	5.036	442164	562054	19.345	43.739 #
16)	L4 AR-1242-1	5.491	4.552	1293395	128227	17.811	4.644 #
17)	L4 AR-1242-2	5.491	4.572	1293395	375968	12.484	9.699
18)	L4 AR-1242-3	5.559	4.754	501285	680675	7.739	32.683 #
19)	L4 AR-1242-4	0.000	4.852	0	687561	N.D.	31.282 #
20)	L4 AR-1242-5	6.405	5.357	8784087	3910046	167.947	146.231
21)	L5 AR-1248-1	5.491	4.552	1293395	128227	21.506	5.706 #
22)	L5 AR-1248-2	5.746	4.788	442164	413892	5.276	12.825 #
23)	L5 AR-1248-3	5.945	4.852	2212669	687561	24.501	20.851
24)	L5 AR-1248-4	6.359	5.036	2342675	562054	24.395	14.659 #
25)	L5 AR-1248-5	6.405	5.395	8784087	744051	95.392	21.827 #
26)	L6 AR-1254-1	6.333	5.357	5482054	3910046	55.234	71.234 #
27)	L6 AR-1254-2	6.550	5.503	7479972	2869982	49.911	57.224
28)	L6 AR-1254-3	6.921	5.907	9414609	7195248	62.926	94.947 #
29)	L6 AR-1254-4	7.200	6.136	3441760	1220314	30.956	26.071
30)	L6 AR-1254-5	7.647	6.556	15548407	8185494	128.537	116.853
31)	L7 AR-1260-1	7.083	6.037	7346916	3284932	65.158	62.165
32)	L7 AR-1260-2	7.335	6.229	12342159	1273272	90.163	19.920 #
33)	L7 AR-1260-3	7.647f	6.371	15548407	4283580	190.361	64.136 #
34)	L7 AR-1260-4	7.929	6.856	5209759	835087	50.497	19.727 #
35)	L7 AR-1260-5	8.247	7.099	2111689	1179134	11.197	12.139
36)	L8 AR-1262-1	7.647f	6.598	15548407	1050446	104.638	14.441 #
37)	L8 AR-1262-2	8.247	7.099	2111689	1179134	8.364	9.678
38)	L8 AR-1262-3	8.546	7.378	8267337	1572641	47.571	31.755 #
39)	L8 AR-1262-4	8.685f	7.446	3023610	1154556	33.577	12.762 #
40)	L8 AR-1262-5	9.248f	7.943	3767517	337805	39.926	7.876 #
41)	L9 AR-1268-1	8.546	7.378	8267337	1572641	27.690	11.239 #

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 Response via : Initial Calibration
 Integrator: ChemStation

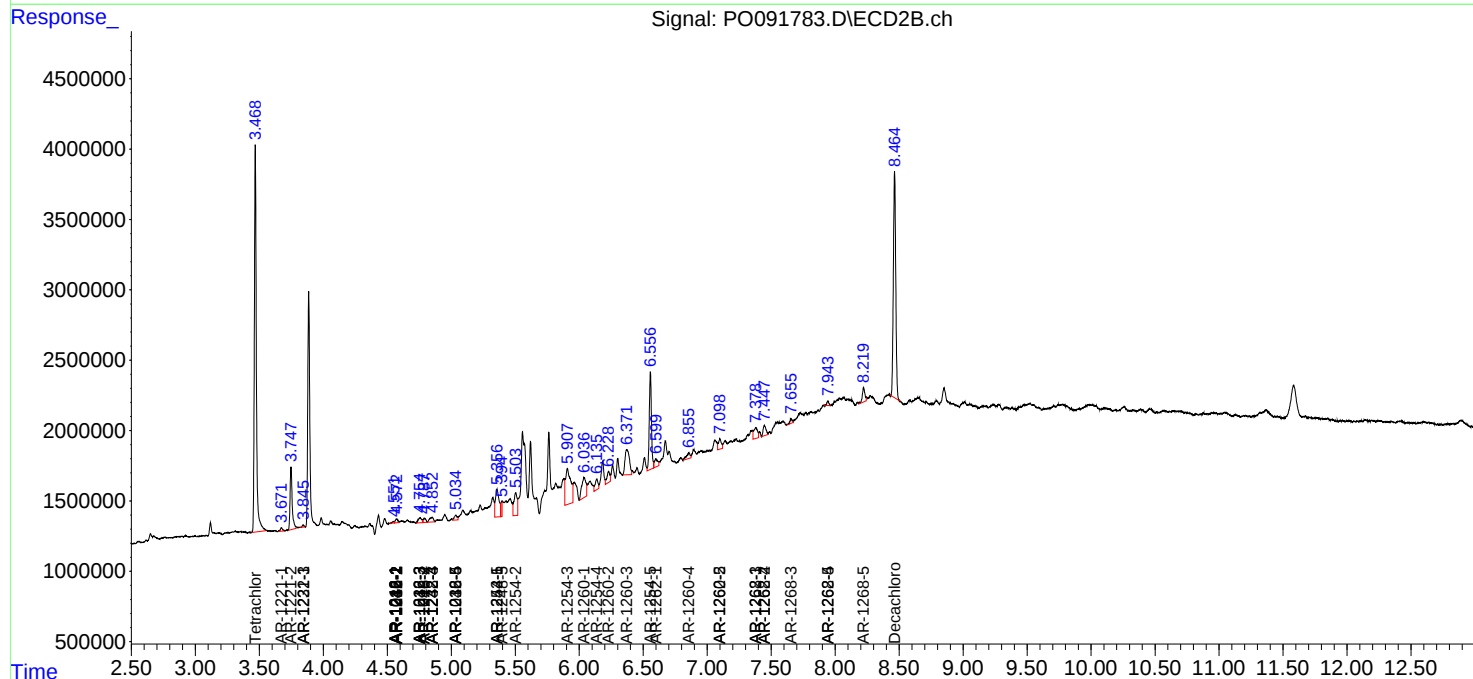
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

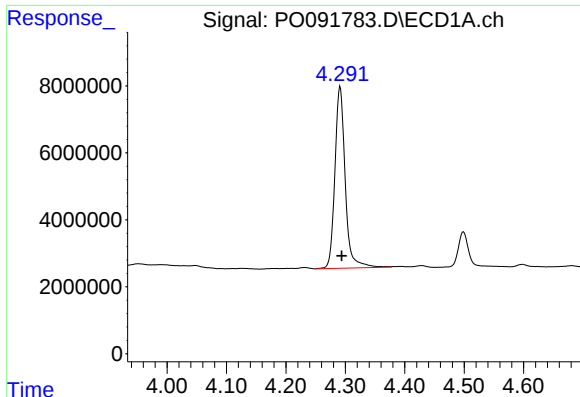
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.685f	7.446	3023610	1154556	11.241	9.130
43) L9	AR-1268-3	8.873	7.656	1257347	408838	5.491	3.768 #
44) L9	AR-1268-4	9.248f	7.943	3767517	337805	36.560	7.423 #
45) L9	AR-1268-5	9.697	8.222	1634692	1390494	2.215	4.277 #

(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

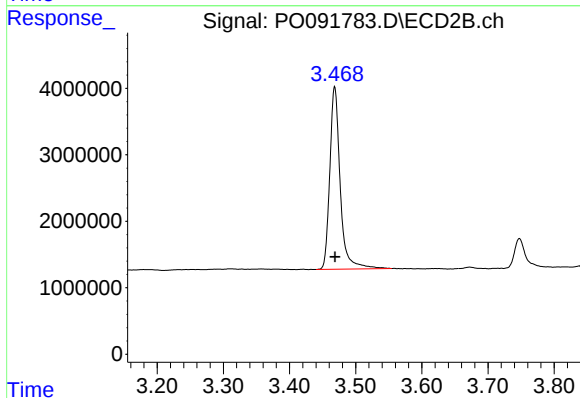




#1 Tetrachloro-m-xylene

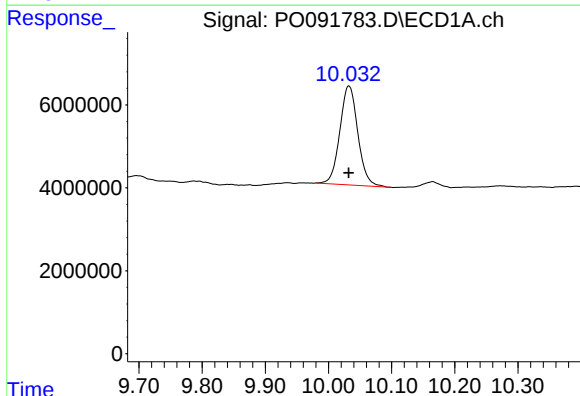
R.T.: 4.291 min
Delta R.T.: -0.003 min
Response: 65392489
Conc: 24.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



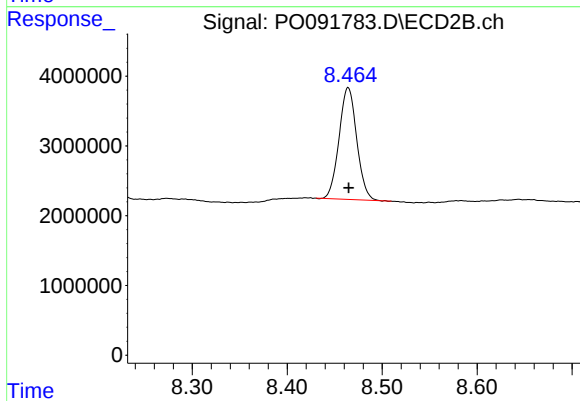
#1 Tetrachloro-m-xylene

R.T.: 3.468 min
Delta R.T.: 0.000 min
Response: 30051312
Conc: 29.63 ng/ml



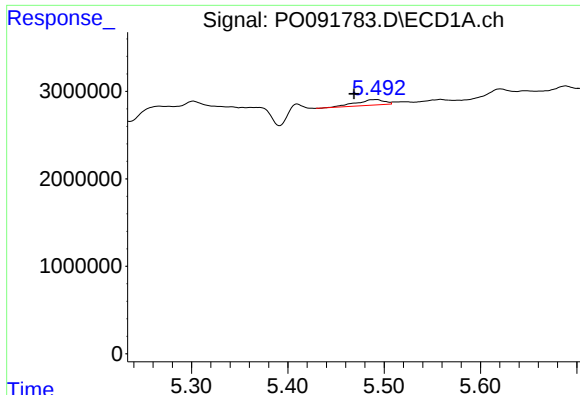
#2 Decachlorobiphenyl

R.T.: 10.033 min
Delta R.T.: 0.000 min
Response: 47173552
Conc: 25.07 ng/ml



#2 Decachlorobiphenyl

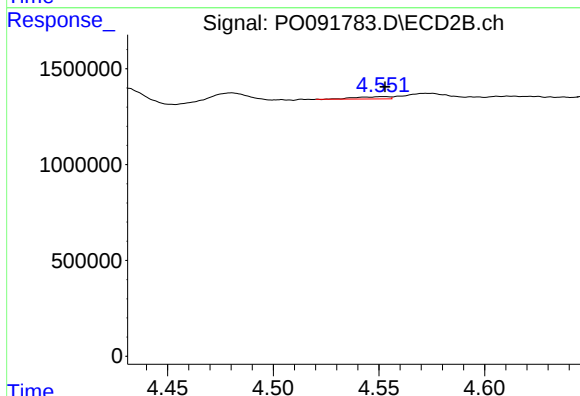
R.T.: 8.464 min
Delta R.T.: 0.000 min
Response: 20747448
Conc: 23.78 ng/ml



#3 AR-1016-1

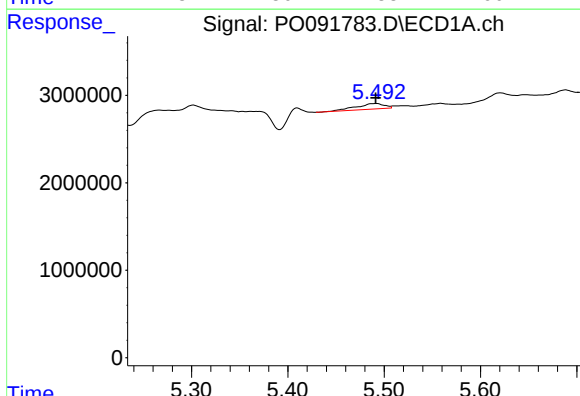
R.T.: 5.491 min
Delta R.T.: 0.022 min
Response: 1293395
Conc: 14.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



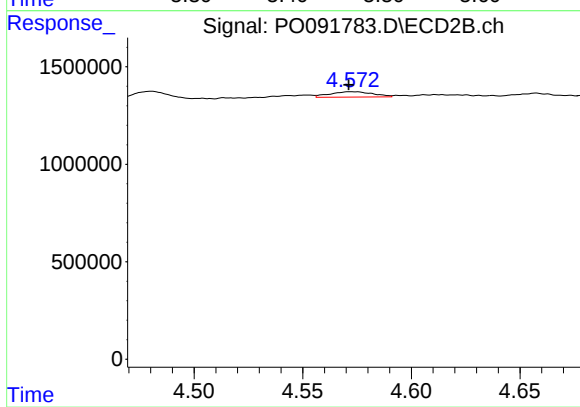
#3 AR-1016-1

R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 128227
Conc: 3.70 ng/ml



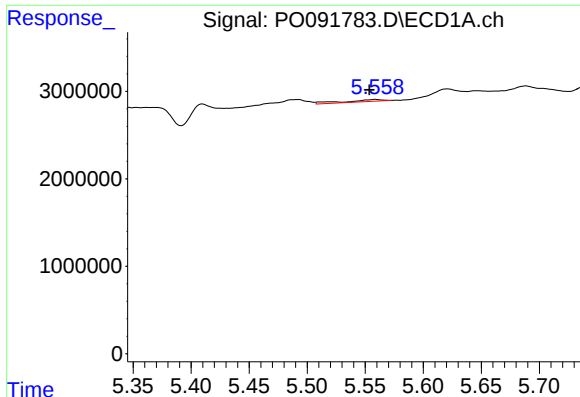
#4 AR-1016-2

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 1293395
Conc: 10.03 ng/ml



#4 AR-1016-2

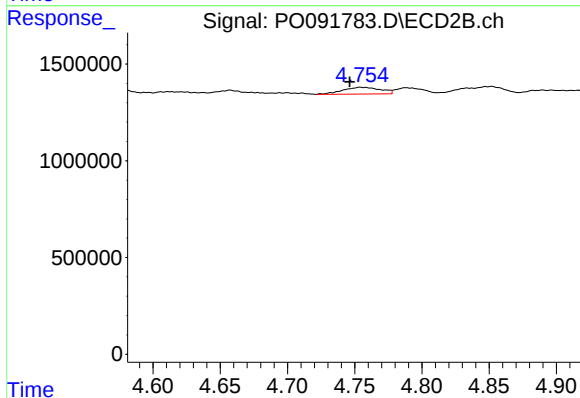
R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 375968
Conc: 7.63 ng/ml



#5 AR-1016-3

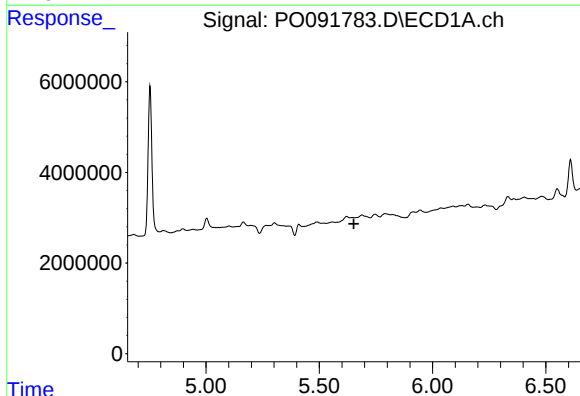
R.T.: 5.559 min
Delta R.T.: 0.005 min
Response: 501285
Conc: 6.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



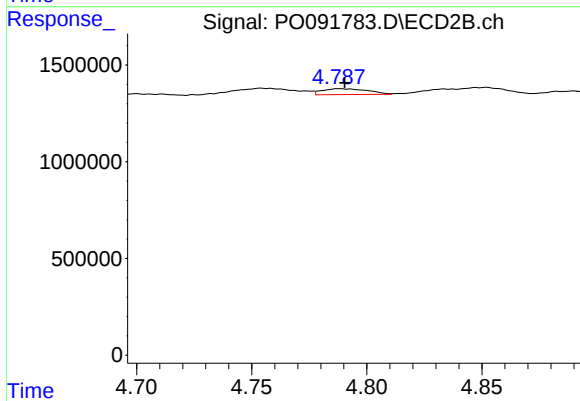
#5 AR-1016-3

R.T.: 4.754 min
Delta R.T.: 0.008 min
Response: 680675
Conc: 25.95 ng/ml



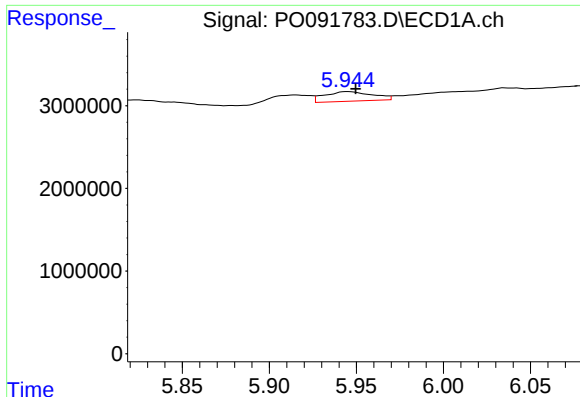
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.652 min
Response: 0
Conc: N.D.



#6 AR-1016-4

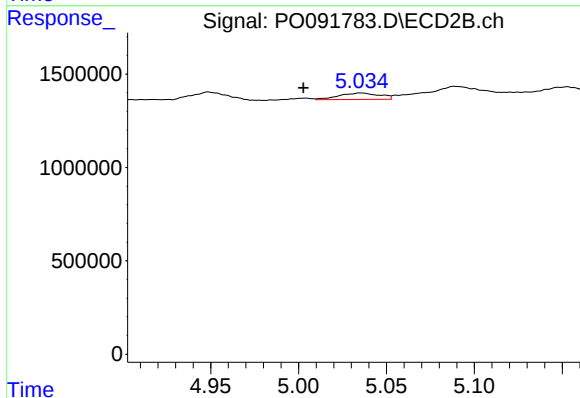
R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 413892
Conc: 18.72 ng/ml



#7 AR-1016-5

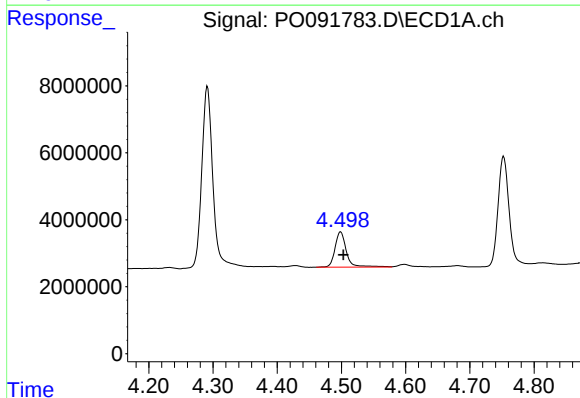
R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 2212669
Conc: 35.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



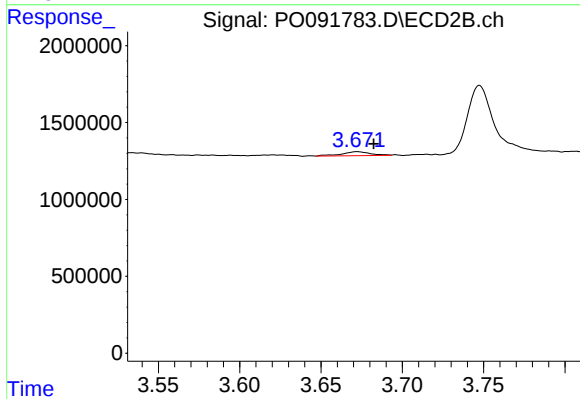
#7 AR-1016-5

R.T.: 5.036 min
Delta R.T.: 0.033 min
Response: 562054
Conc: 20.66 ng/ml



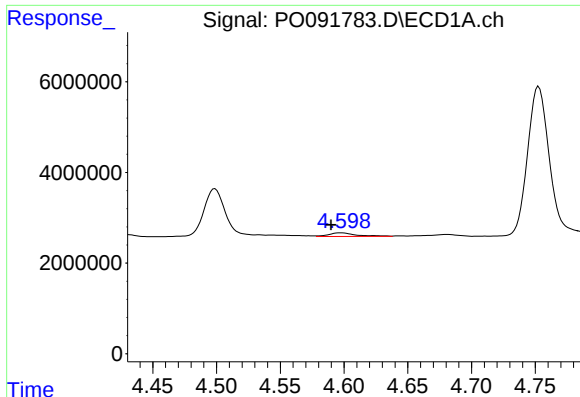
#8 AR-1221-1

R.T.: 4.499 min
Delta R.T.: -0.004 min
Response: 13073284
Conc: 383.68 ng/ml



#8 AR-1221-1

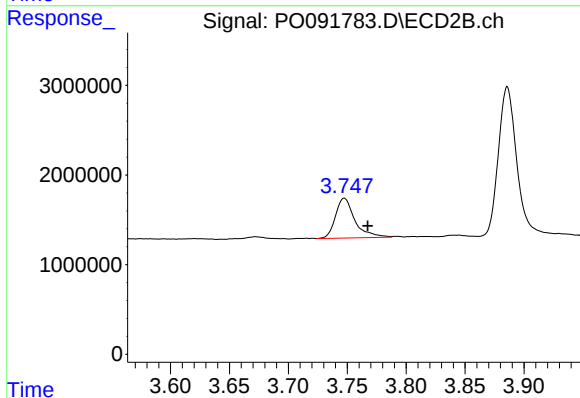
R.T.: 3.672 min
Delta R.T.: -0.010 min
Response: 307310
Conc: 24.09 ng/ml



#9 AR-1221-2

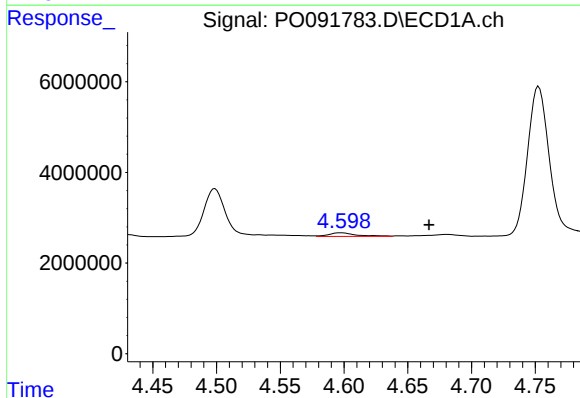
R.T.: 4.598 min
Delta R.T.: 0.008 min
Response: 1189282
Conc: 46.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



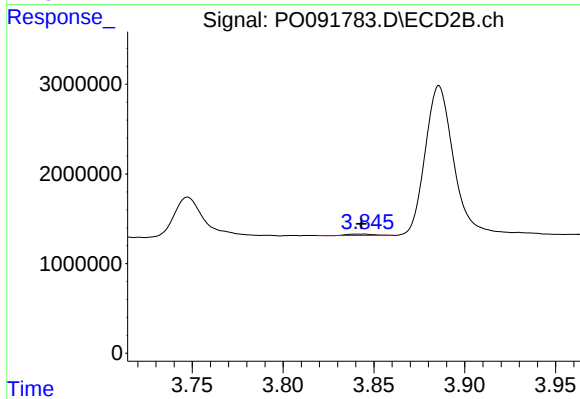
#9 AR-1221-2

R.T.: 3.748 min
Delta R.T.: -0.020 min
Response: 5117736
Conc: 527.06 ng/ml



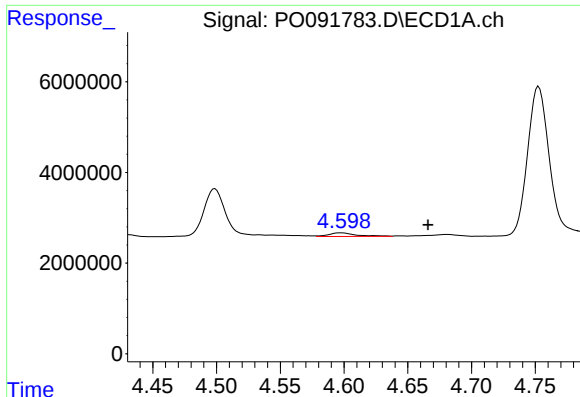
#10 AR-1221-3

R.T.: 4.598 min
Delta R.T.: -0.069 min
Response: 1189282
Conc: 15.21 ng/ml



#10 AR-1221-3

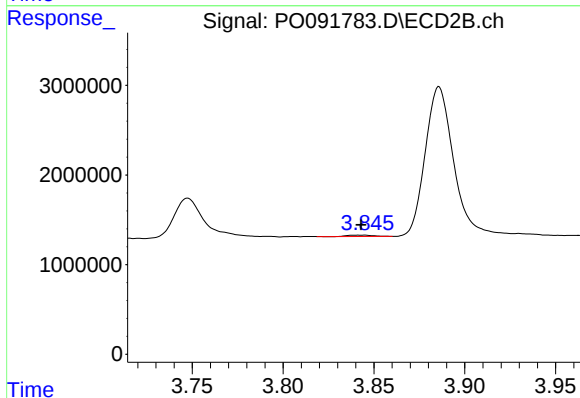
R.T.: 3.845 min
Delta R.T.: 0.002 min
Response: 142710
Conc: 4.72 ng/ml



#11 AR-1232-1

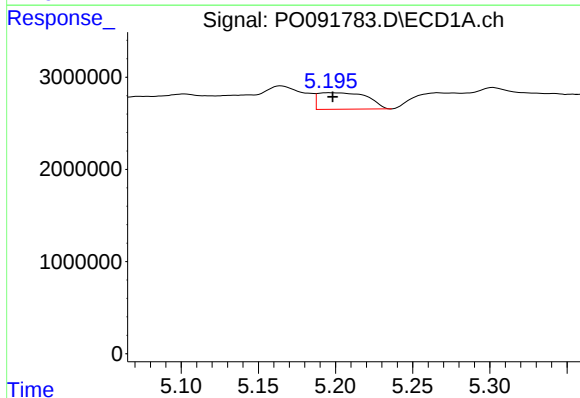
R.T.: 4.598 min
Delta R.T.: -0.068 min
Response: 1189282
Conc: 19.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



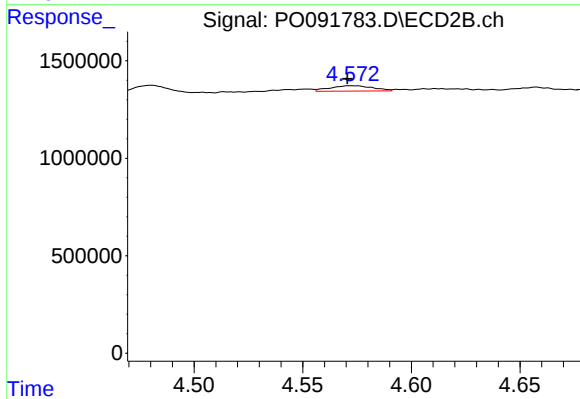
#11 AR-1232-1

R.T.: 3.845 min
Delta R.T.: 0.002 min
Response: 142710
Conc: 6.06 ng/ml



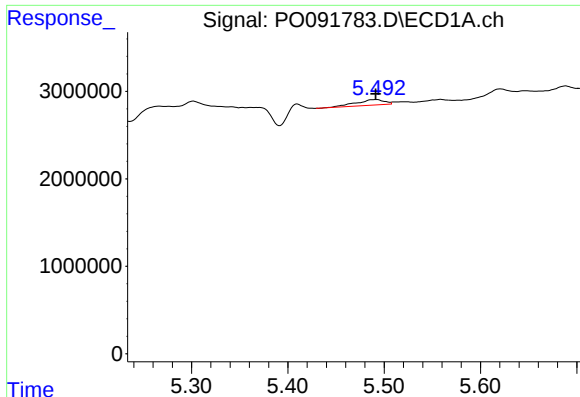
#12 AR-1232-2

R.T.: 5.196 min
Delta R.T.: -0.002 min
Response: 3966336
Conc: 109.95 ng/ml



#12 AR-1232-2

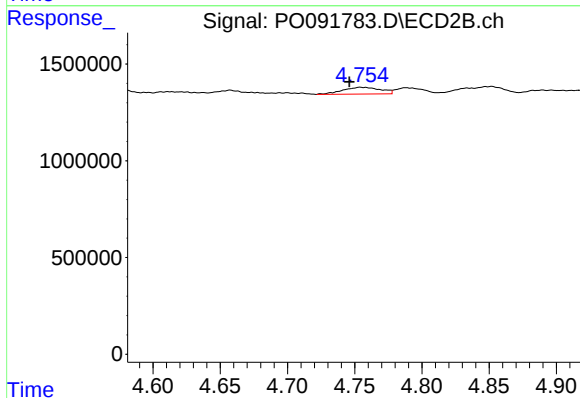
R.T.: 4.572 min
Delta R.T.: 0.001 min
Response: 375968
Conc: 15.67 ng/ml



#13 AR-1232-3

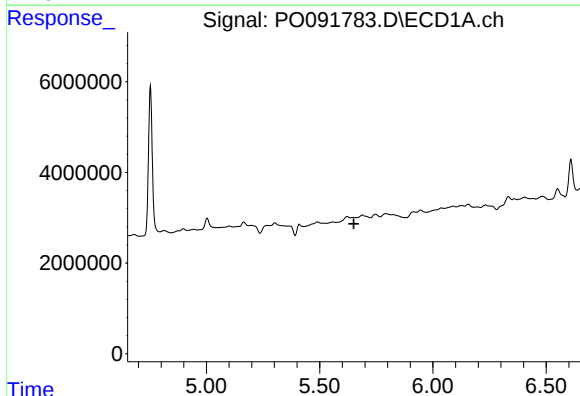
R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 1293395
Conc: 20.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



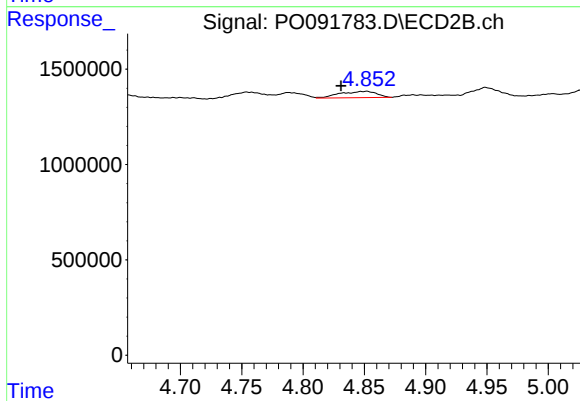
#13 AR-1232-3

R.T.: 4.754 min
Delta R.T.: 0.008 min
Response: 680675
Conc: 54.37 ng/ml



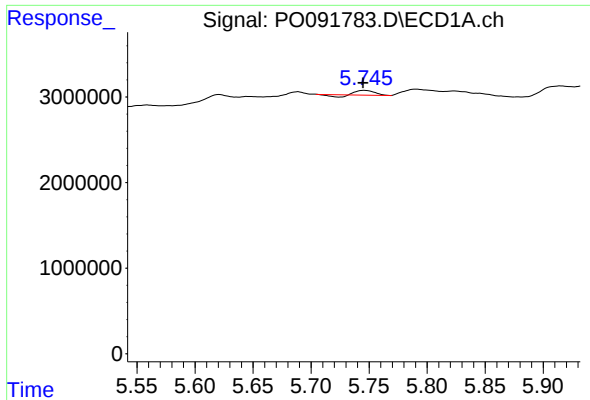
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.651 min
Response: 0
Conc: N.D.



#14 AR-1232-4

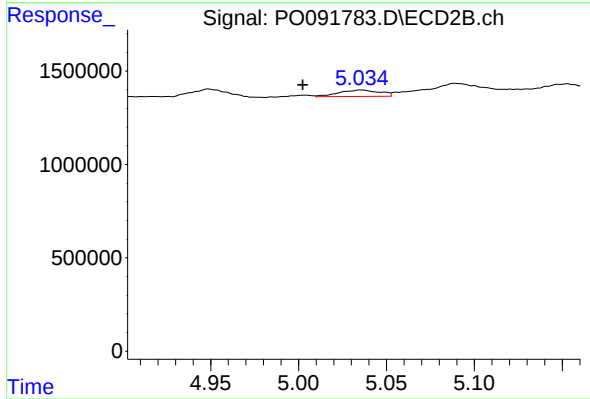
R.T.: 4.852 min
Delta R.T.: 0.021 min
Response: 687561
Conc: 58.24 ng/ml



#15 AR-1232-5

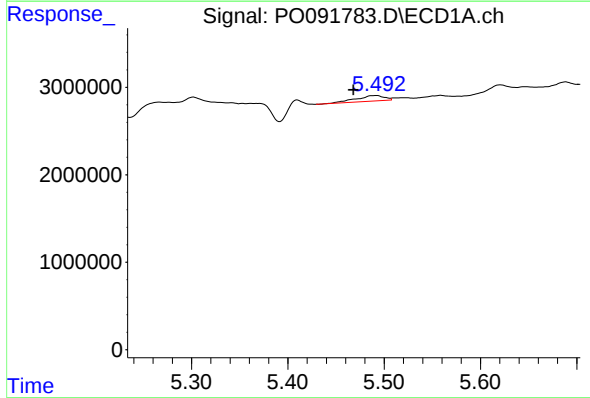
R.T.: 5.746 min
Delta R.T.: 0.001 min
Response: 442164
Conc: 19.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



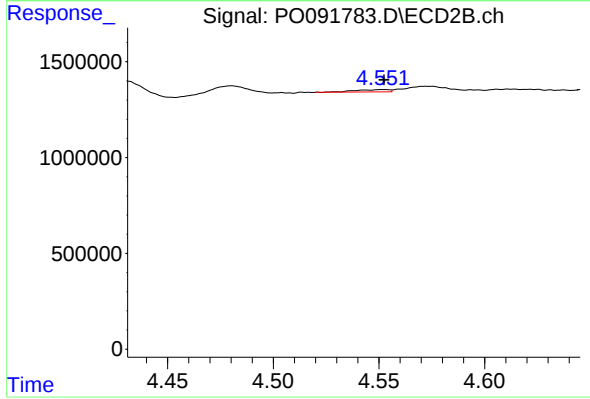
#15 AR-1232-5

R.T.: 5.036 min
Delta R.T.: 0.033 min
Response: 562054
Conc: 43.74 ng/ml



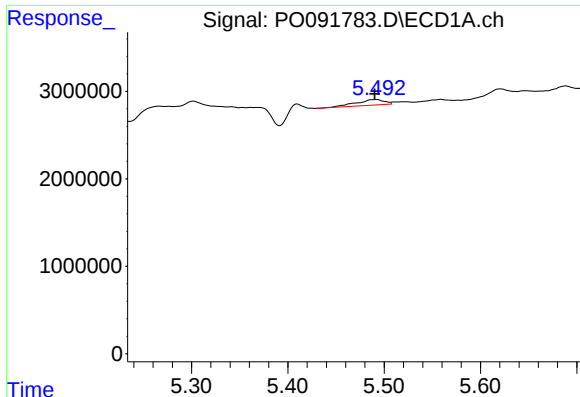
#16 AR-1242-1

R.T.: 5.491 min
Delta R.T.: 0.023 min
Response: 1293395
Conc: 17.81 ng/ml



#16 AR-1242-1

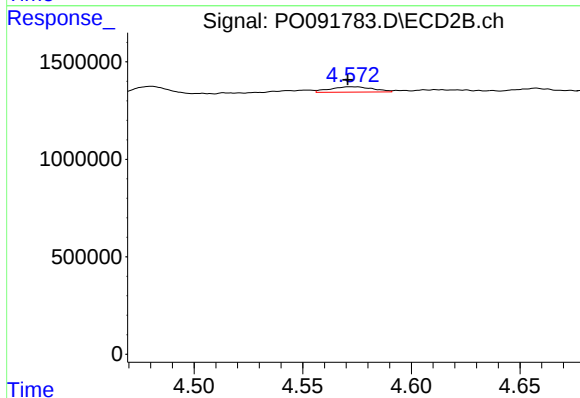
R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 128227
Conc: 4.64 ng/ml



#17 AR-1242-2

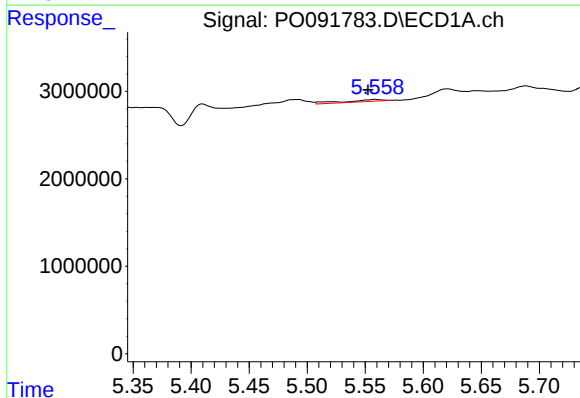
R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 1293395
Conc: 12.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



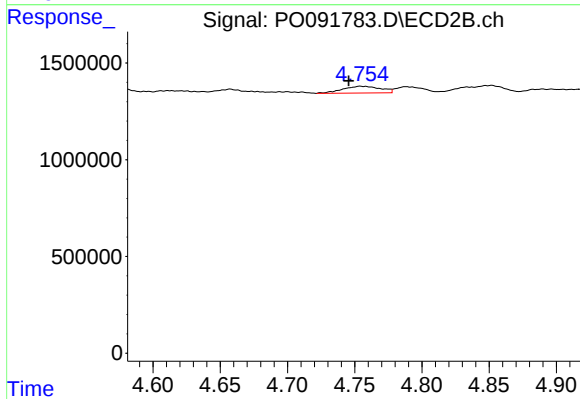
#17 AR-1242-2

R.T.: 4.572 min
Delta R.T.: 0.001 min
Response: 375968
Conc: 9.70 ng/ml



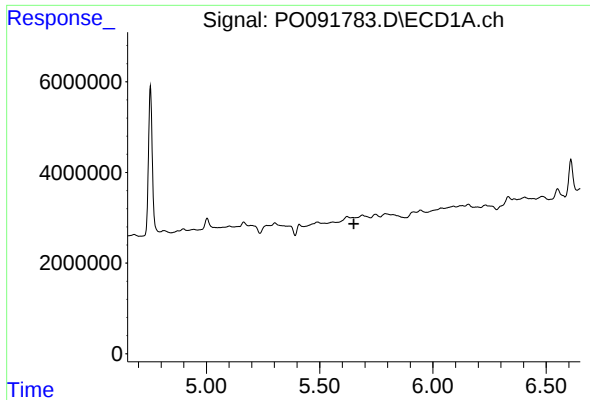
#18 AR-1242-3

R.T.: 5.559 min
Delta R.T.: 0.006 min
Response: 501285
Conc: 7.74 ng/ml



#18 AR-1242-3

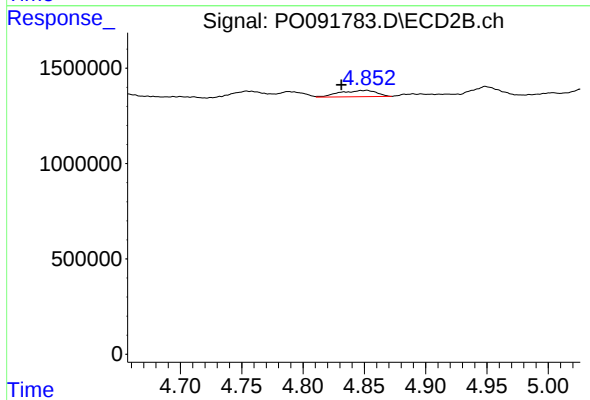
R.T.: 4.754 min
Delta R.T.: 0.008 min
Response: 680675
Conc: 32.68 ng/ml



#19 AR-1242-4

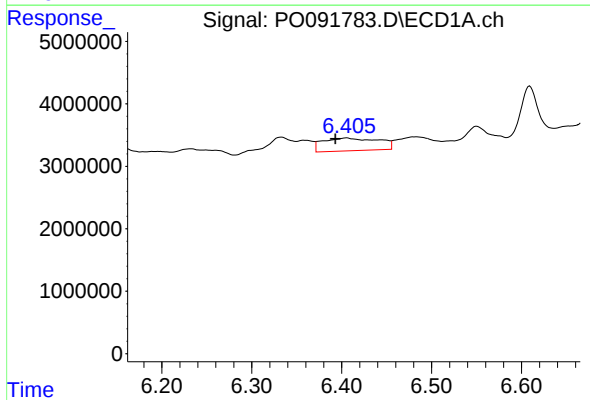
R.T.: 0.000 min
Exp R.T.: 5.651 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



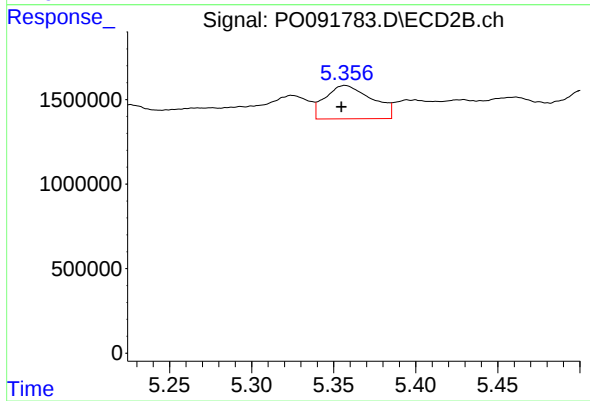
#19 AR-1242-4

R.T.: 4.852 min
Delta R.T.: 0.021 min
Response: 687561
Conc: 31.28 ng/ml



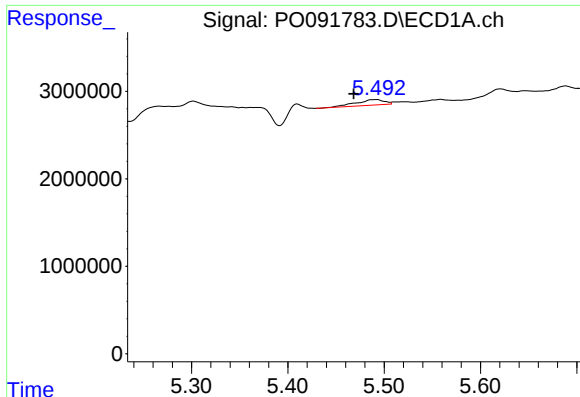
#20 AR-1242-5

R.T.: 6.405 min
Delta R.T.: 0.012 min
Response: 8784087
Conc: 167.95 ng/ml



#20 AR-1242-5

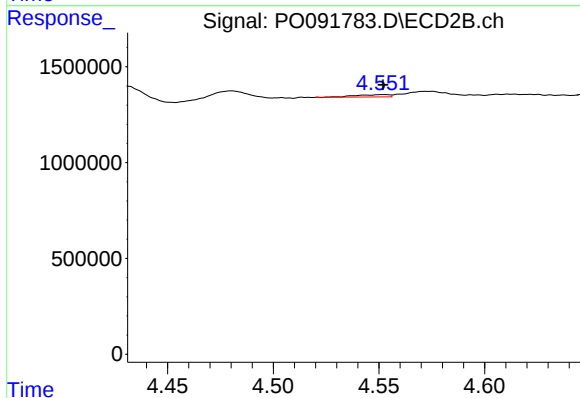
R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 3910046
Conc: 146.23 ng/ml



#21 AR-1248-1

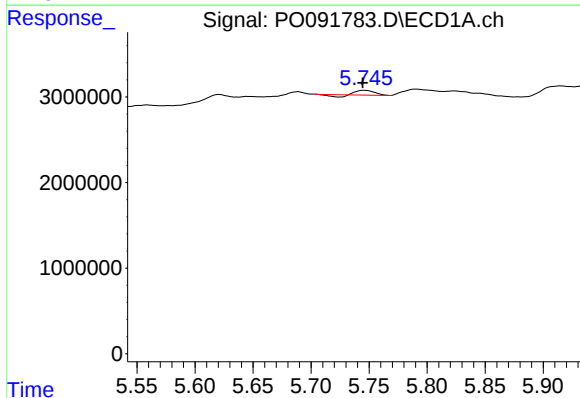
R.T.: 5.491 min
Delta R.T.: 0.022 min
Response: 1293395
Conc: 21.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



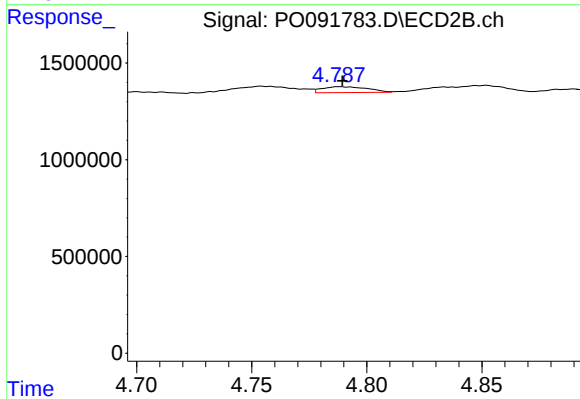
#21 AR-1248-1

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 128227
Conc: 5.71 ng/ml



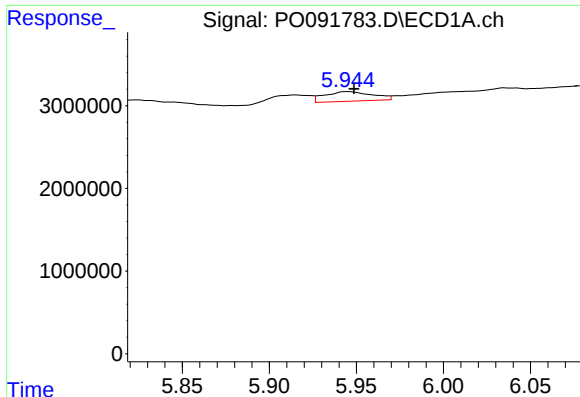
#22 AR-1248-2

R.T.: 5.746 min
Delta R.T.: 0.002 min
Response: 442164
Conc: 5.28 ng/ml



#22 AR-1248-2

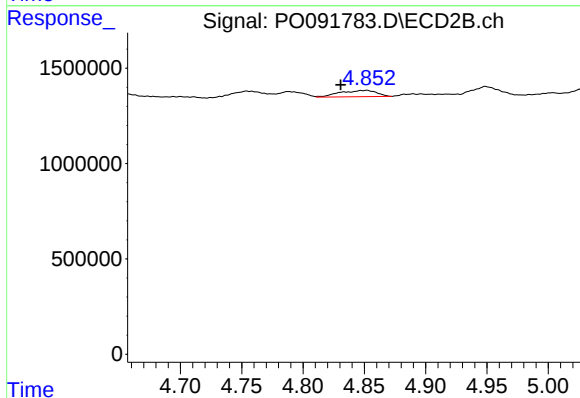
R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 413892
Conc: 12.83 ng/ml



#23 AR-1248-3

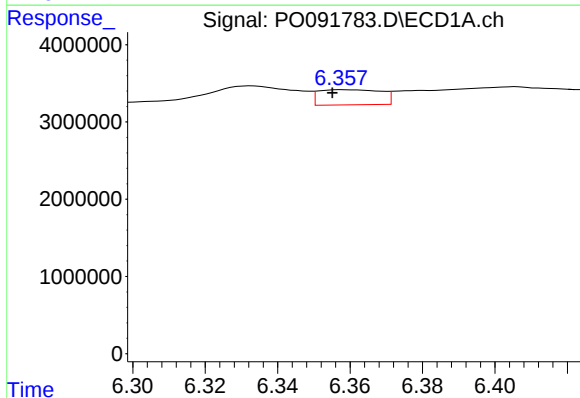
R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 2212669
Conc: 24.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



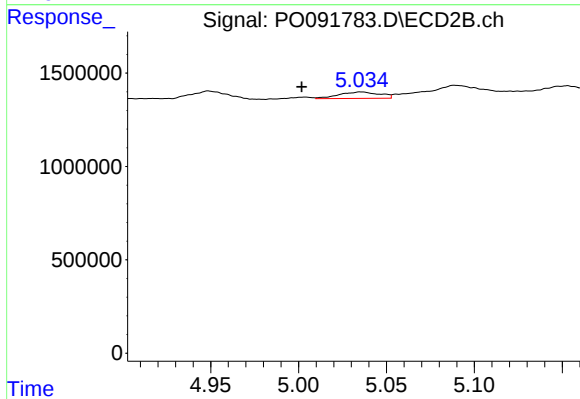
#23 AR-1248-3

R.T.: 4.852 min
Delta R.T.: 0.021 min
Response: 687561
Conc: 20.85 ng/ml



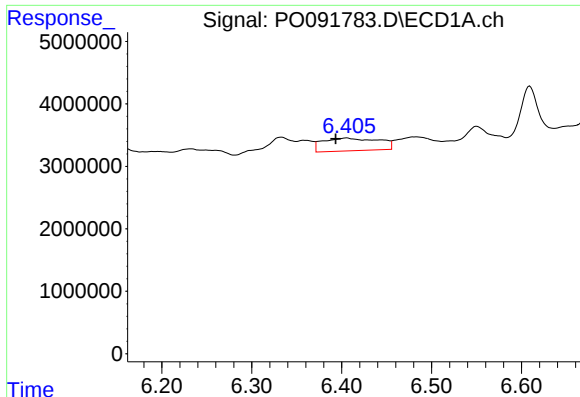
#24 AR-1248-4

R.T.: 6.359 min
Delta R.T.: 0.004 min
Response: 2342675
Conc: 24.39 ng/ml



#24 AR-1248-4

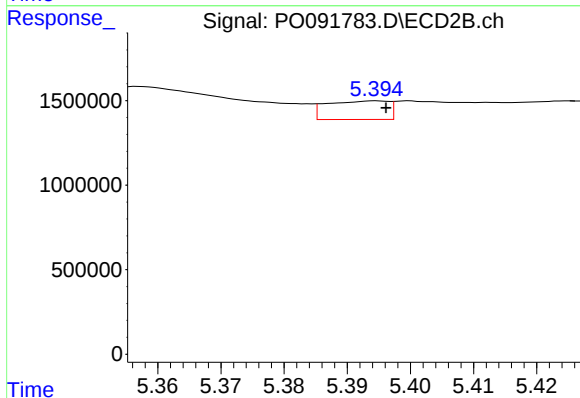
R.T.: 5.036 min
Delta R.T.: 0.034 min
Response: 562054
Conc: 14.66 ng/ml



#25 AR-1248-5

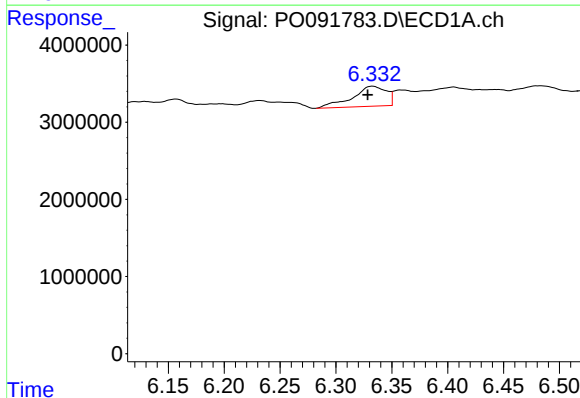
R.T.: 6.405 min
Delta R.T.: 0.012 min
Response: 8784087
Conc: 95.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



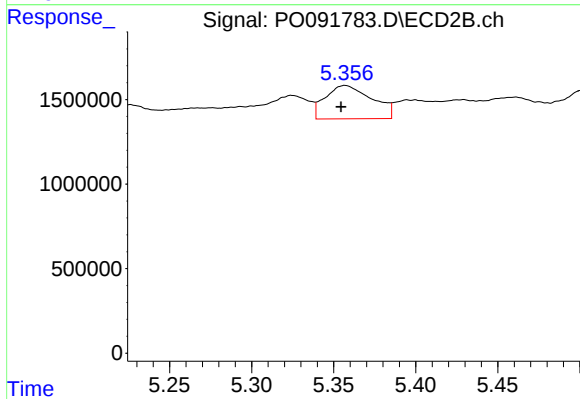
#25 AR-1248-5

R.T.: 5.395 min
Delta R.T.: -0.001 min
Response: 744051
Conc: 21.83 ng/ml



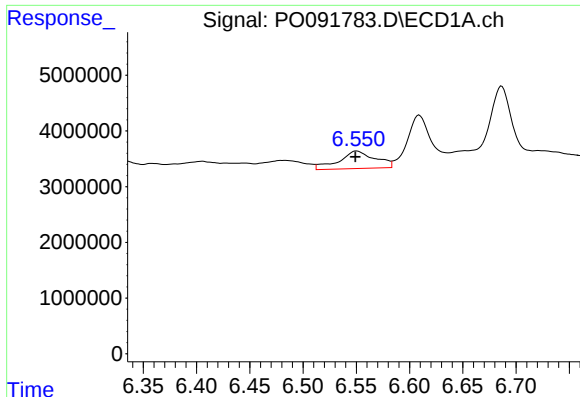
#26 AR-1254-1

R.T.: 6.333 min
Delta R.T.: 0.004 min
Response: 5482054
Conc: 55.23 ng/ml



#26 AR-1254-1

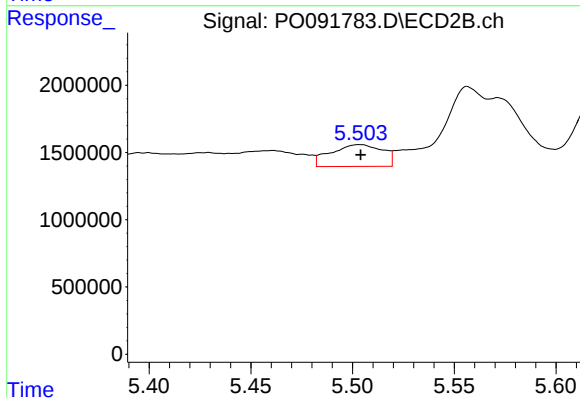
R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 3910046
Conc: 71.23 ng/ml



#27 AR-1254-2

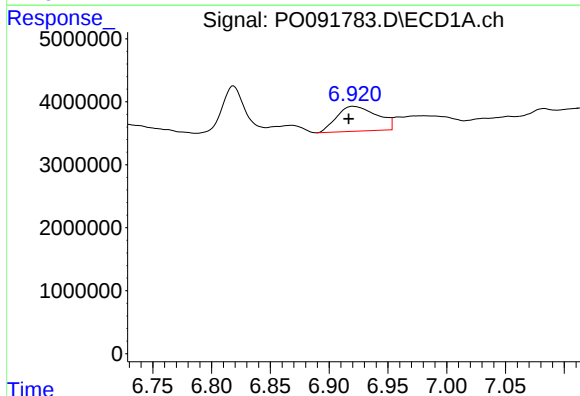
R.T.: 6.550 min
Delta R.T.: 0.001 min
Response: 7479972
Conc: 49.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



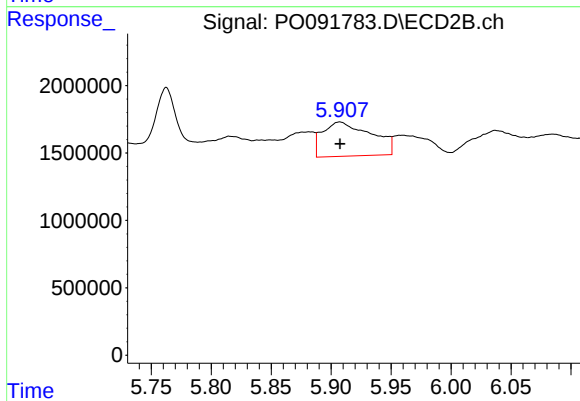
#27 AR-1254-2

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 2869982
Conc: 57.22 ng/ml



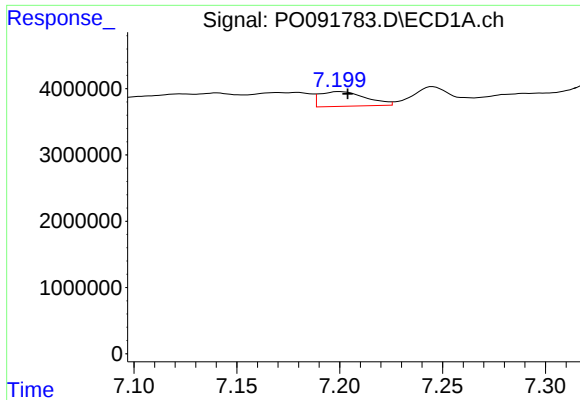
#28 AR-1254-3

R.T.: 6.921 min
Delta R.T.: 0.004 min
Response: 9414609
Conc: 62.93 ng/ml



#28 AR-1254-3

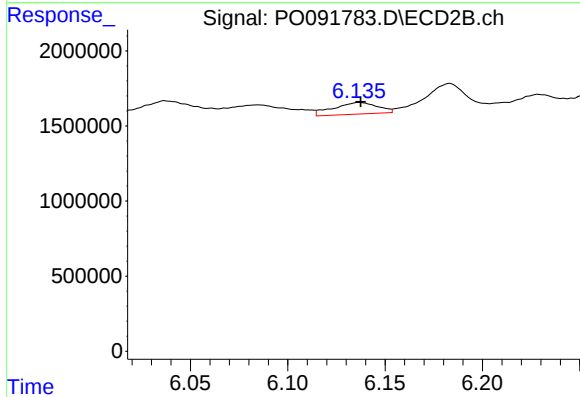
R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 7195248
Conc: 94.95 ng/ml



#29 AR-1254-4

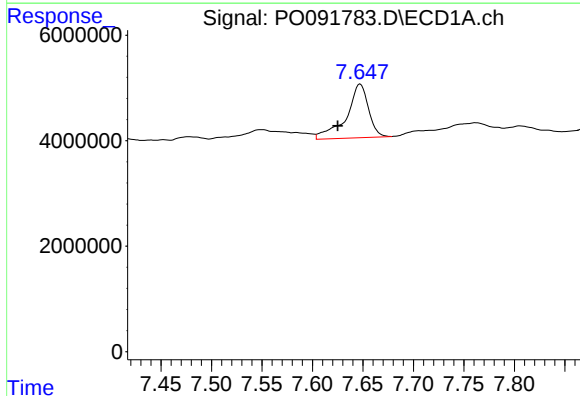
R.T.: 7.200 min
Delta R.T.: -0.004 min
Response: 3441760
Conc: 30.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



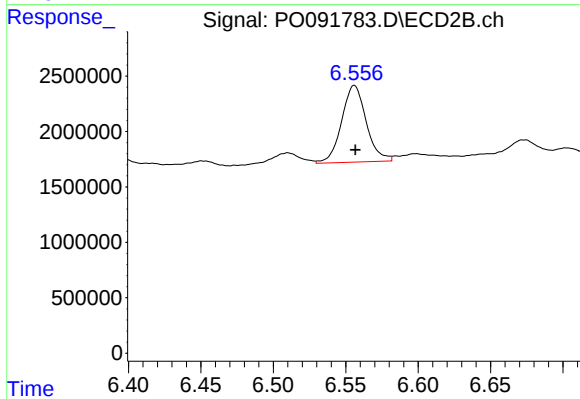
#29 AR-1254-4

R.T.: 6.136 min
Delta R.T.: -0.001 min
Response: 1220314
Conc: 26.07 ng/ml



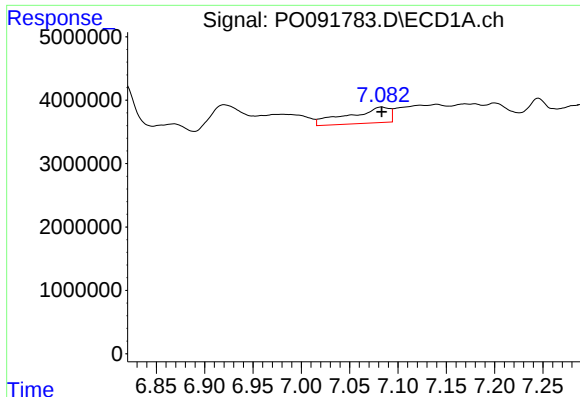
#30 AR-1254-5

R.T.: 7.647 min
Delta R.T.: 0.022 min
Response: 15548407
Conc: 128.54 ng/ml



#30 AR-1254-5

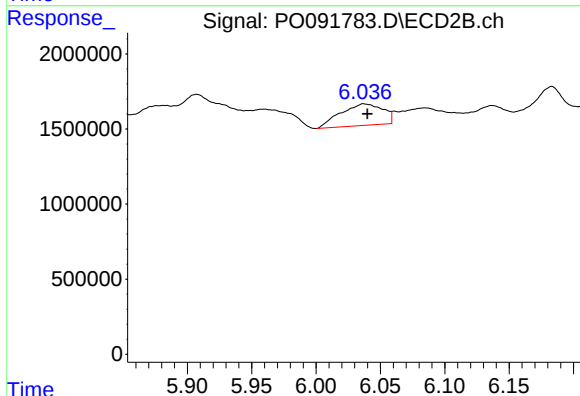
R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 8185494
Conc: 116.85 ng/ml



#31 AR-1260-1

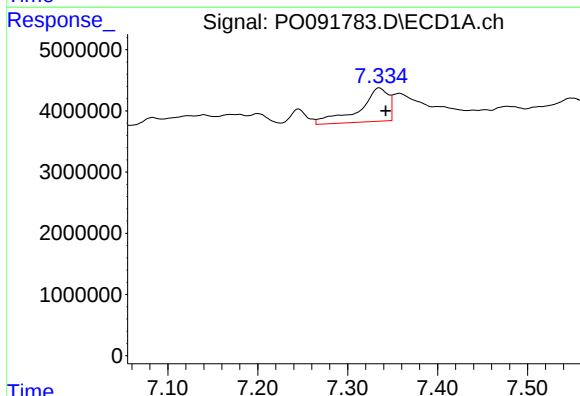
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 7346916
Conc: 65.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



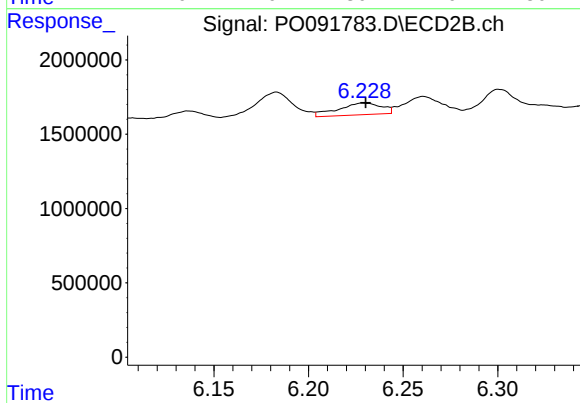
#31 AR-1260-1

R.T.: 6.037 min
Delta R.T.: -0.003 min
Response: 3284932
Conc: 62.17 ng/ml



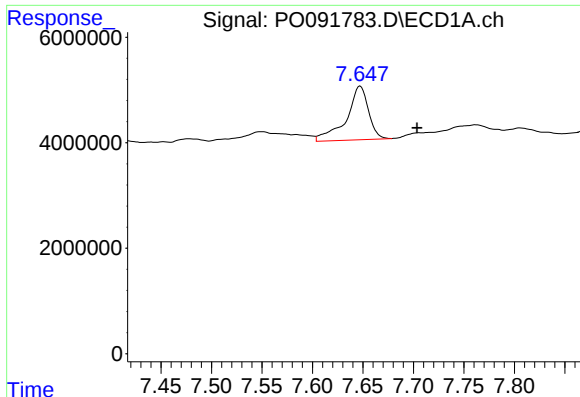
#32 AR-1260-2

R.T.: 7.335 min
Delta R.T.: -0.007 min
Response: 12342159
Conc: 90.16 ng/ml



#32 AR-1260-2

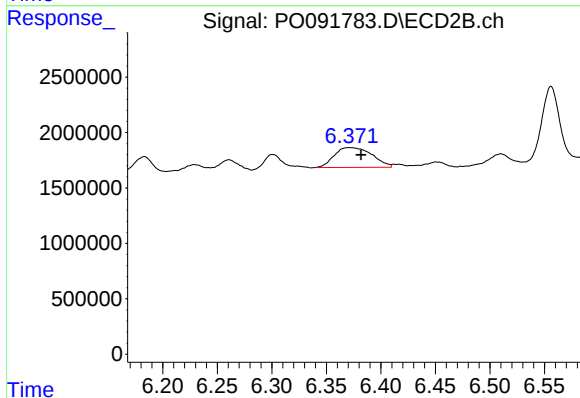
R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 1273272
Conc: 19.92 ng/ml



#33 AR-1260-3

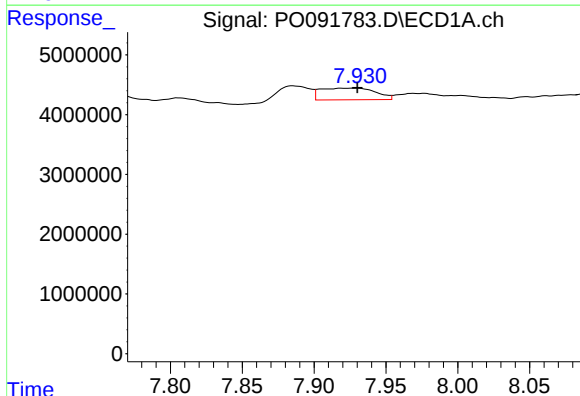
R.T.: 7.647 min
Delta R.T.: -0.056 min
Response: 15548407
Conc: 190.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



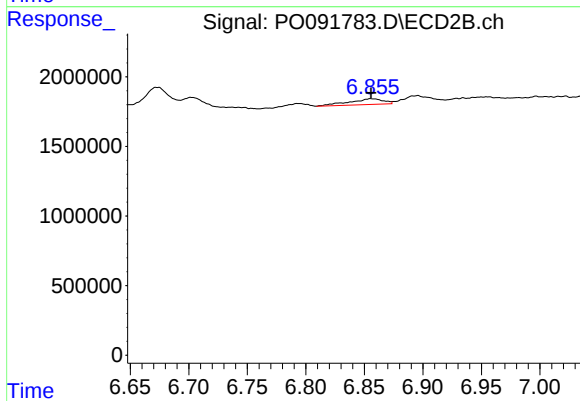
#33 AR-1260-3

R.T.: 6.371 min
Delta R.T.: -0.011 min
Response: 4283580
Conc: 64.14 ng/ml



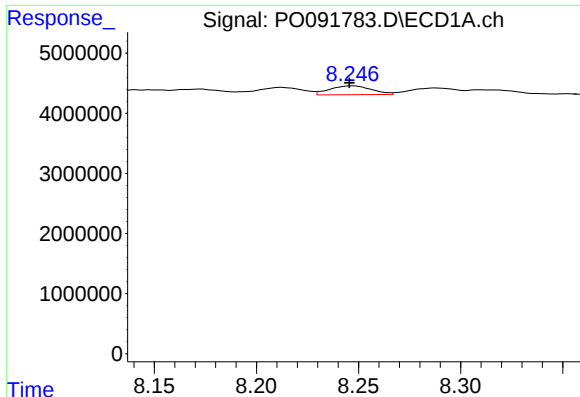
#34 AR-1260-4

R.T.: 7.929 min
Delta R.T.: -0.001 min
Response: 5209759
Conc: 50.50 ng/ml



#34 AR-1260-4

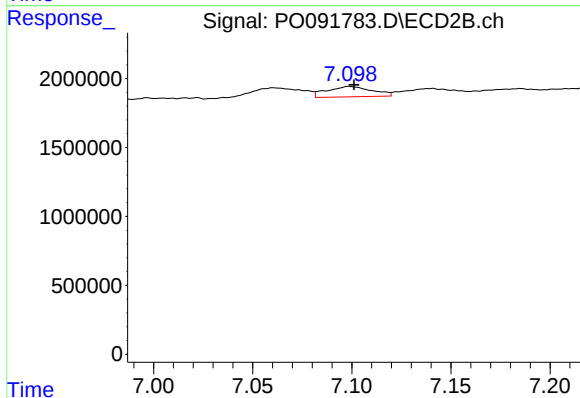
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 835087
Conc: 19.73 ng/ml



#35 AR-1260-5

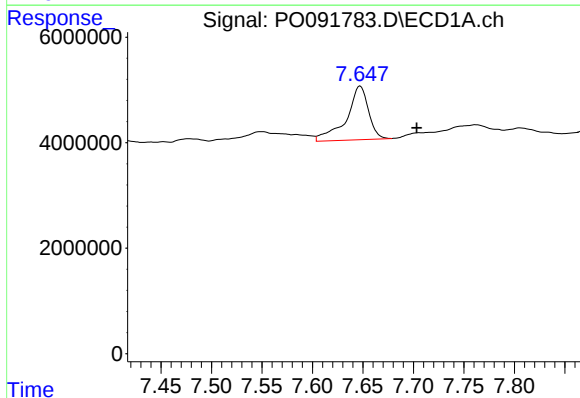
R.T.: 8.247 min
Delta R.T.: 0.001 min
Response: 2111689
Conc: 11.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



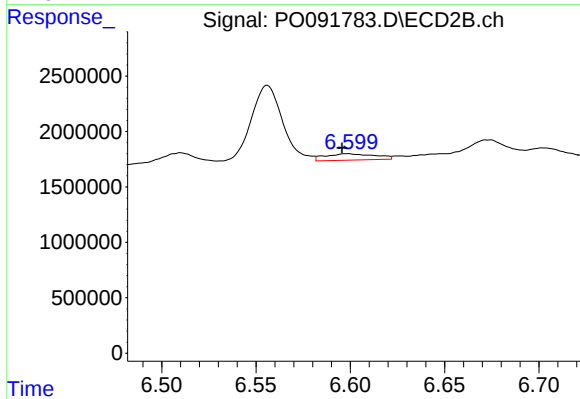
#35 AR-1260-5

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 1179134
Conc: 12.14 ng/ml



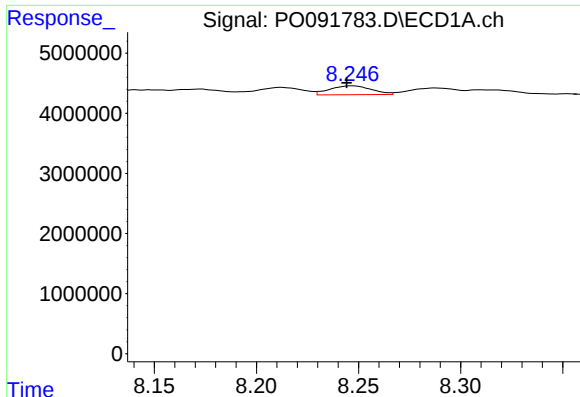
#36 AR-1262-1

R.T.: 7.647 min
Delta R.T.: -0.056 min
Response: 15548407
Conc: 104.64 ng/ml



#36 AR-1262-1

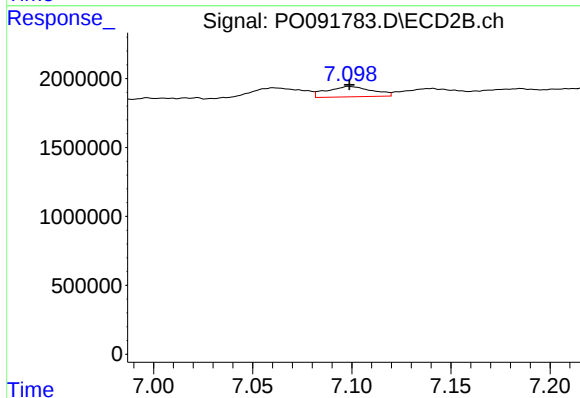
R.T.: 6.598 min
Delta R.T.: 0.003 min
Response: 1050446
Conc: 14.44 ng/ml



#37 AR-1262-2

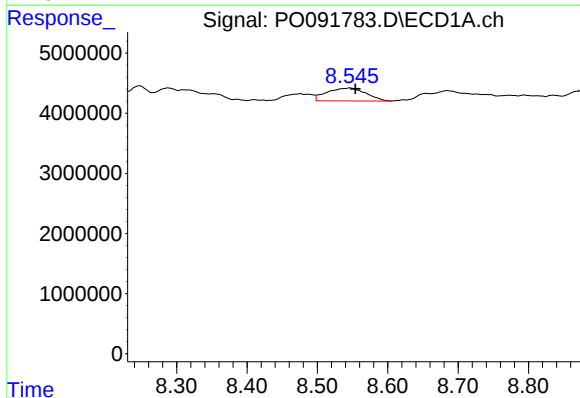
R.T.: 8.247 min
Delta R.T.: 0.003 min
Response: 2111689
Conc: 8.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



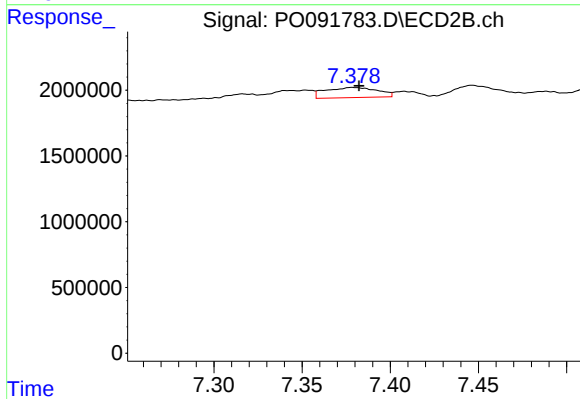
#37 AR-1262-2

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 1179134
Conc: 9.68 ng/ml



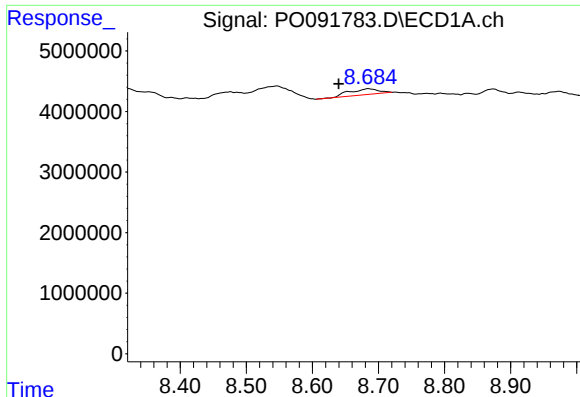
#38 AR-1262-3

R.T.: 8.546 min
Delta R.T.: -0.008 min
Response: 8267337
Conc: 47.57 ng/ml



#38 AR-1262-3

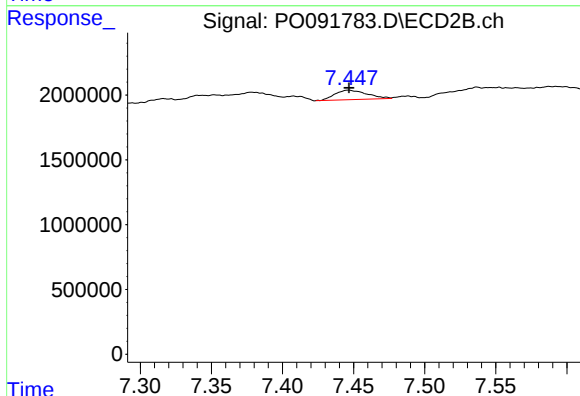
R.T.: 7.378 min
Delta R.T.: -0.004 min
Response: 1572641
Conc: 31.75 ng/ml



#39 AR-1262-4

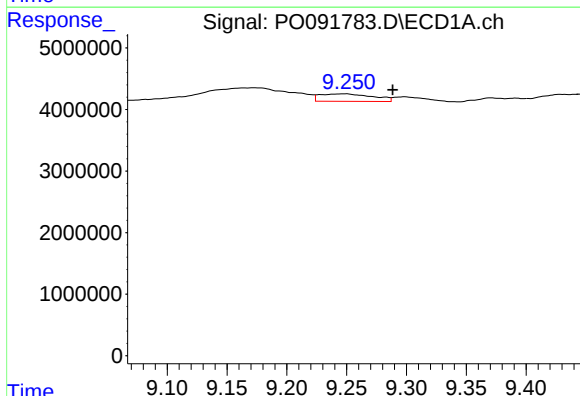
R.T.: 8.685 min
Delta R.T.: 0.045 min
Response: 3023610
Conc: 33.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



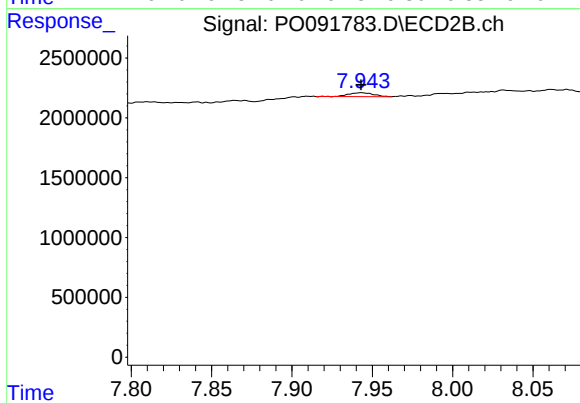
#39 AR-1262-4

R.T.: 7.446 min
Delta R.T.: 0.000 min
Response: 1154556
Conc: 12.76 ng/ml



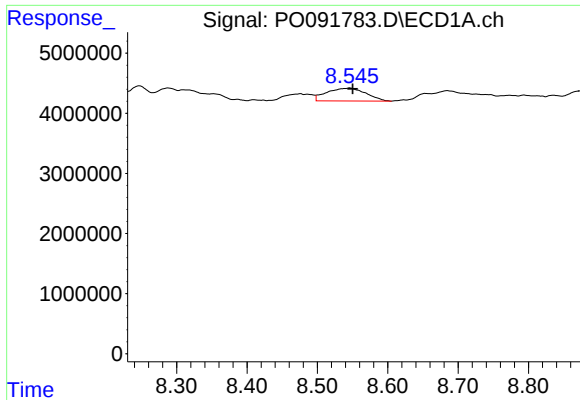
#40 AR-1262-5

R.T.: 9.248 min
Delta R.T.: -0.040 min
Response: 3767517
Conc: 39.93 ng/ml



#40 AR-1262-5

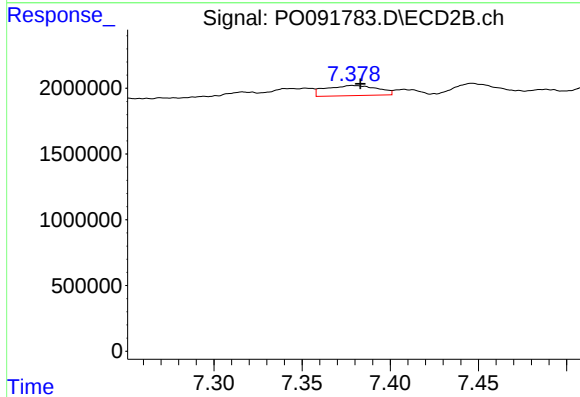
R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 337805
Conc: 7.88 ng/ml



#41 AR-1268-1

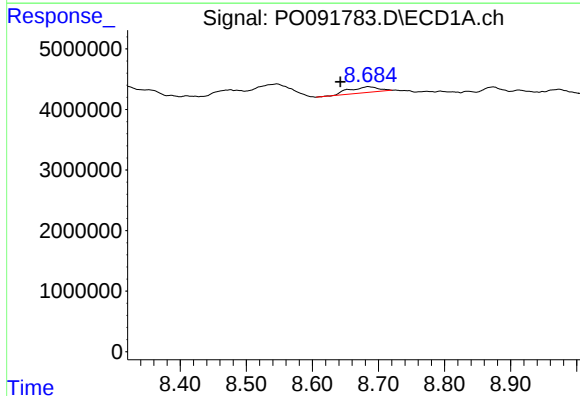
R.T.: 8.546 min
Delta R.T.: -0.004 min
Response: 8267337
Conc: 27.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



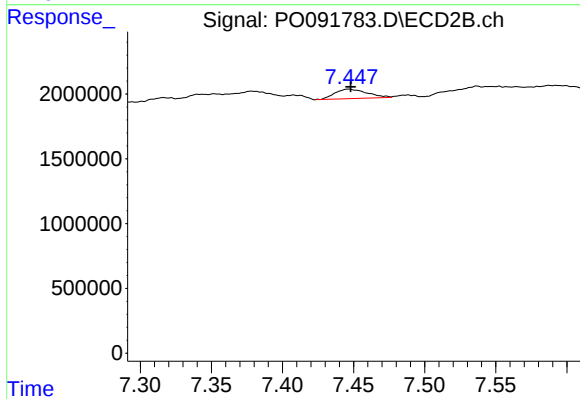
#41 AR-1268-1

R.T.: 7.378 min
Delta R.T.: -0.005 min
Response: 1572641
Conc: 11.24 ng/ml



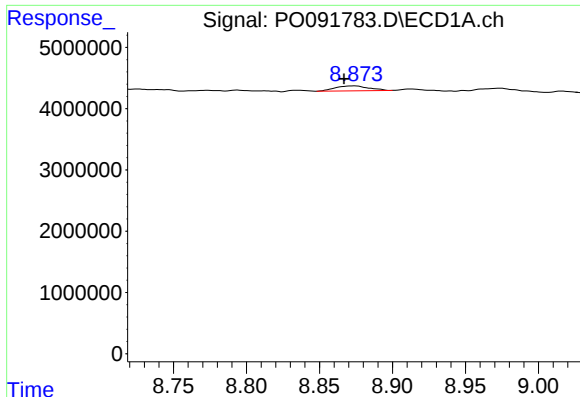
#42 AR-1268-2

R.T.: 8.685 min
Delta R.T.: 0.042 min
Response: 3023610
Conc: 11.24 ng/ml



#42 AR-1268-2

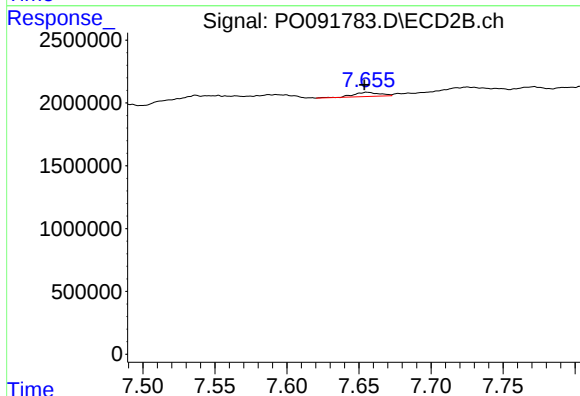
R.T.: 7.446 min
Delta R.T.: -0.002 min
Response: 1154556
Conc: 9.13 ng/ml



#43 AR-1268-3

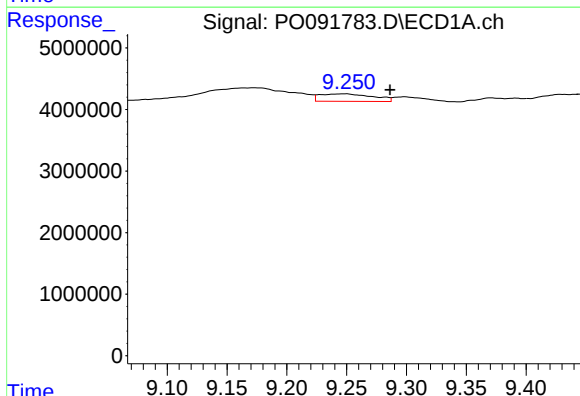
R.T.: 8.873 min
Delta R.T.: 0.007 min
Response: 1257347
Conc: 5.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



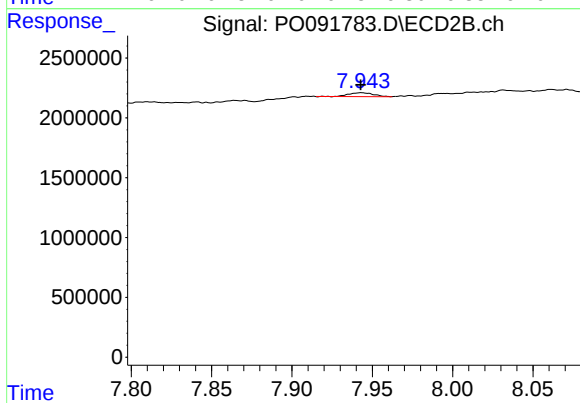
#43 AR-1268-3

R.T.: 7.656 min
Delta R.T.: 0.002 min
Response: 408838
Conc: 3.77 ng/ml



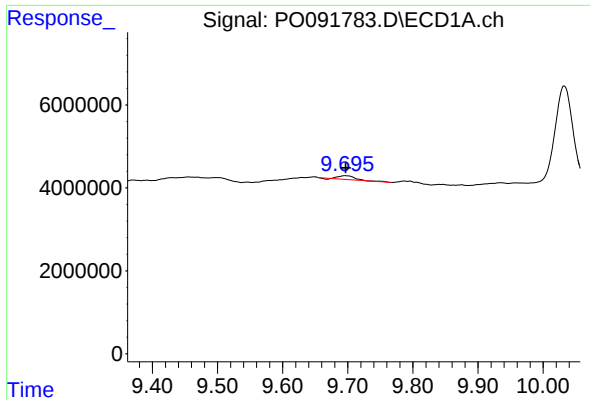
#44 AR-1268-4

R.T.: 9.248 min
Delta R.T.: -0.038 min
Response: 3767517
Conc: 36.56 ng/ml



#44 AR-1268-4

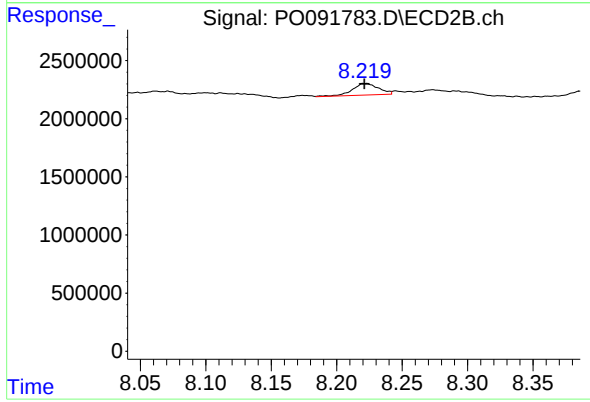
R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 337805
Conc: 7.42 ng/ml



#45 AR-1268-5

R.T.: 9.697 min
Delta R.T.: 0.000 min
Response: 1634692
Conc: 2.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 1390494
Conc: 4.28 ng/ml