

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071924\
 Data File : P0104860.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2024 12:39
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 12:55:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070224.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 02 16:29:20 2024
 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...	4.427	3.540	430.8E6	161.9E6	48.116	49.625
2)	SA Decachlor...	10.212	8.436	280.0E6	92955052	45.656	44.326
Target Compounds							
3)	L1 AR-1016-1	5.596	4.596	5014539	1481520	16.854	13.063
4)	L1 AR-1016-2	5.620	4.614	5001600	1128744	12.015	7.265 #
5)	L1 AR-1016-3	5.681	4.788	2756516	788755	10.808	9.555
6)	L1 AR-1016-4	5.780	4.828	3696369	33574592	17.247	516.501 #
7)	L1 AR-1016-5	6.077	5.036	46541465	20159201	222.841	228.078
8)	L2 AR-1221-1	4.635	3.749	2231777	64464	18.755	1.587 #
9)	L2 AR-1221-2	4.706	3.831	396493	2517710	4.501	78.140 #
10)	L2 AR-1221-3	4.794	3.904	3102022	400895	12.448	4.201 #
11)	L3 AR-1232-1	4.794	3.904	3102022	400895	15.070	5.091 #
12)	L3 AR-1232-2	5.329	4.614	2318575	1128744	20.431	15.507
13)	L3 AR-1232-3	5.620	4.788	5001600	788755	25.695	20.102
14)	L3 AR-1232-4	5.780	4.868	3696369	10062666	37.303	282.591 #
15)	L3 AR-1232-5	5.871	5.036	82995907	20159201	1059.526	502.595 #
16)	L4 AR-1242-1	5.596	4.596	5014539	1481520	21.157	16.615
17)	L4 AR-1242-2	5.620	4.614	5001600	1128744	15.324	9.293 #
18)	L4 AR-1242-3	5.681	4.788	2756516	788755	13.426	12.068
19)	L4 AR-1242-4	5.780	4.868	3696369	10062666	21.606	152.212 #
20)	L4 AR-1242-5	6.525	5.382	47579053	80406981	265.020	962.551 #
21)	L5 AR-1248-1	5.596	4.596	5014539	1481520	27.486	21.354
22)	L5 AR-1248-2	5.871	4.828	82995907	33574592	321.353	355.455
23)	L5 AR-1248-3	6.077	4.868	46541465	10062666	169.476	102.034 #
24)	L5 AR-1248-4	6.483	5.036	72064680	20159201	236.704	176.331 #
25)	L5 AR-1248-5	6.525	5.421	47579053	9244669	161.726	82.794 #
26)	L6 AR-1254-1	6.457	5.382	145.8E6	80406981	473.981	477.012
27)	L6 AR-1254-2	6.677	5.527	211.8E6	70629833	473.762	474.939
28)	L6 AR-1254-3	7.046	5.924	216.7E6	110.2E6	476.287	478.482
29)	L6 AR-1254-4	7.333	6.149	159.1E6	69314658	471.765	485.838
30)	L6 AR-1254-5	7.756	6.561	174.6E6	95608826	467.593	476.452
31)	L7 AR-1260-1	7.211	6.052	89471969	53913873	247.843	336.690 #
32)	L7 AR-1260-2	7.469	6.238	95916962	42513648	227.341	221.299
33)	L7 AR-1260-3	7.817	6.387	27087493	43431166	91.685	244.187 #
34)	L7 AR-1260-4	8.046	6.854	89132513	4594199	251.578	34.293 #
35)	L7 AR-1260-5	8.381	7.094	46375141	10790855	71.154	35.258 #
36)	L8 AR-1262-1	7.756	6.561	174.6E6	95608826	565.686	844.573 #
37)	L8 AR-1262-2	8.381	6.854	46375141	4594199	58.608	24.875 #
38)	L8 AR-1262-3	8.713	7.373	40007921	672305	74.274	4.817 #
39)	L8 AR-1262-4	8.787	7.435	11351287	10771483	27.850	41.784 #
40)	L8 AR-1262-5	9.452	7.925	532003	505964	1.905	4.436 #
41)	L9 AR-1268-1	8.713	7.373	40007921	672305	45.897	1.761 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071924\
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Acq On : 19 Jul 2024 12:39
Operator : YP/AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

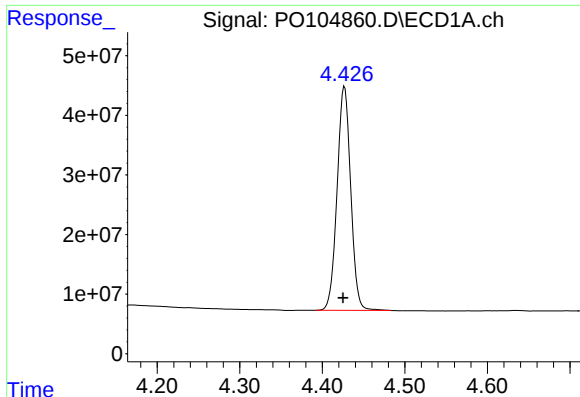
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 12:55:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070224.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 02 16:29:20 2024
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	8.787	7.435	11351287	10771483	14.195	31.626 #
43)	L9 AR-1268-3	9.008	7.651	3123034	842994	4.701	3.061 #
44)	L9 AR-1268-4	9.452	7.925	532003	505964	1.863	4.287 #
45)	L9 AR-1268-5	9.876	8.201	2269585	2059696	1.077	2.640 #

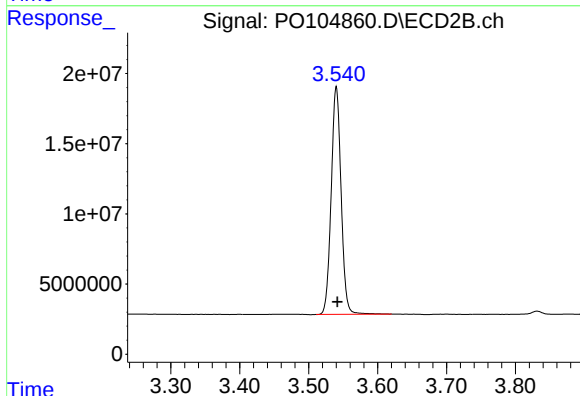
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

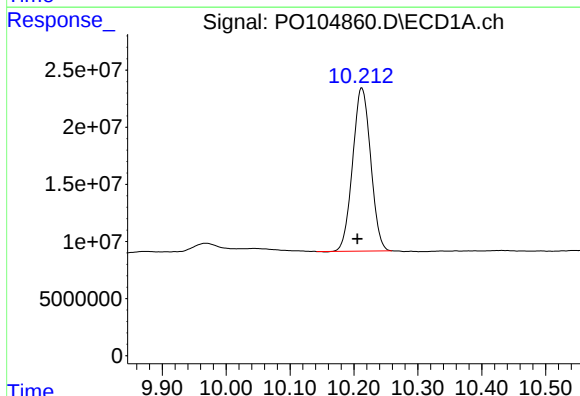
R.T.: 4.427 min
Delta R.T.: 0.002 min
Response: 430805732
Conc: 48.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



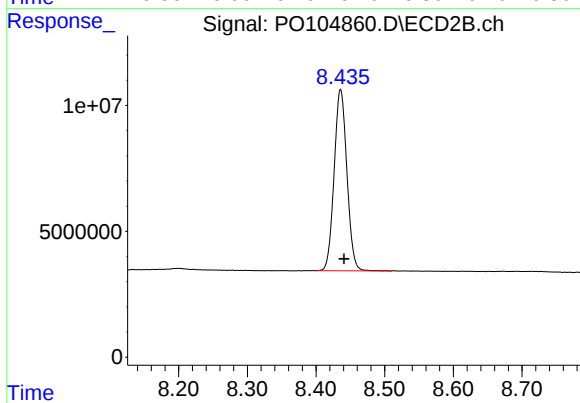
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 161904705
Conc: 49.62 ng/ml



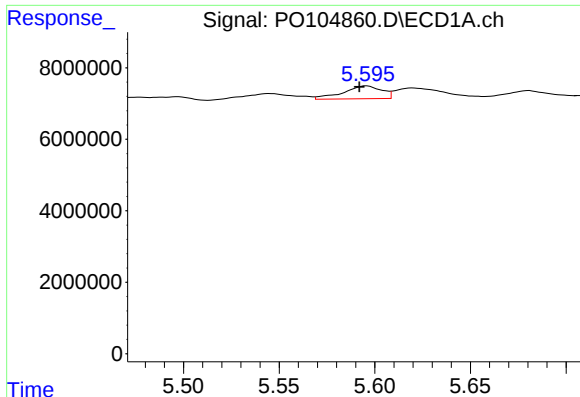
#2 Decachlorobiphenyl

R.T.: 10.212 min
Delta R.T.: 0.007 min
Response: 279986257
Conc: 45.66 ng/ml



#2 Decachlorobiphenyl

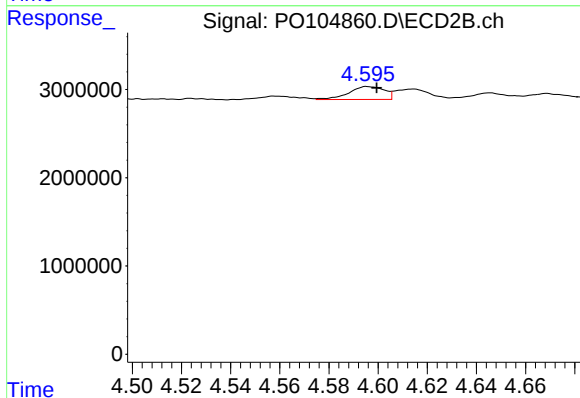
R.T.: 8.436 min
Delta R.T.: -0.005 min
Response: 92955052
Conc: 44.33 ng/ml



#3 AR-1016-1

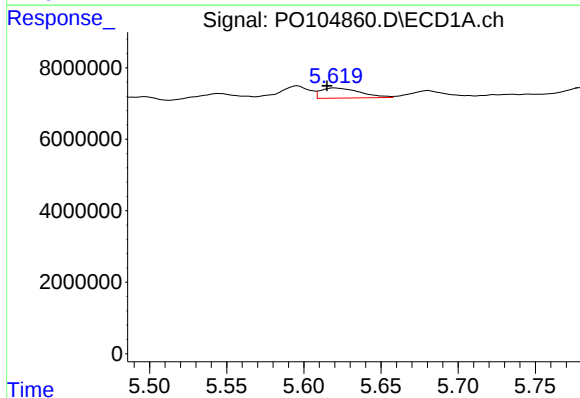
R.T.: 5.596 min
Delta R.T.: 0.004 min
Response: 5014539
Conc: 16.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



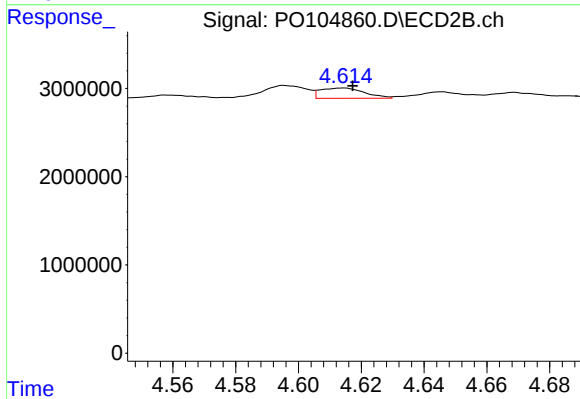
#3 AR-1016-1

R.T.: 4.596 min
Delta R.T.: -0.004 min
Response: 1481520
Conc: 13.06 ng/ml



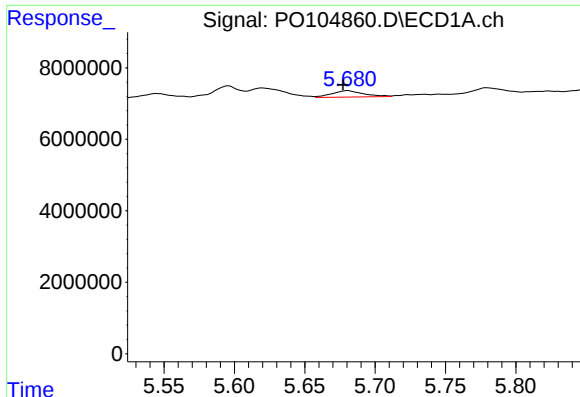
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.005 min
Response: 5001600
Conc: 12.01 ng/ml



#4 AR-1016-2

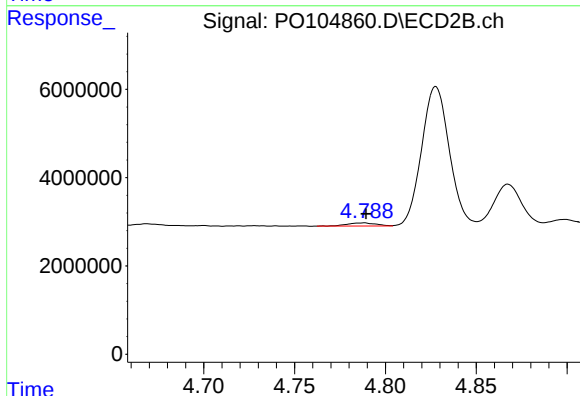
R.T.: 4.614 min
Delta R.T.: -0.003 min
Response: 1128744
Conc: 7.26 ng/ml



#5 AR-1016-3

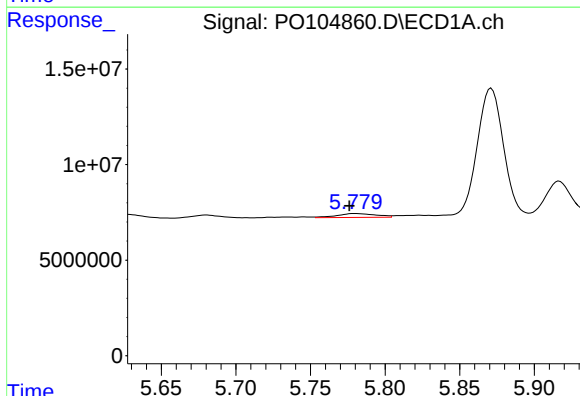
R.T.: 5.681 min
Delta R.T.: 0.003 min
Response: 2756516
Conc: 10.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



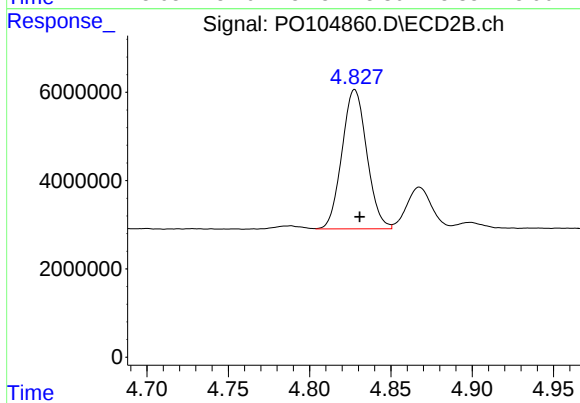
#5 AR-1016-3

R.T.: 4.788 min
Delta R.T.: -0.001 min
Response: 788755
Conc: 9.56 ng/ml



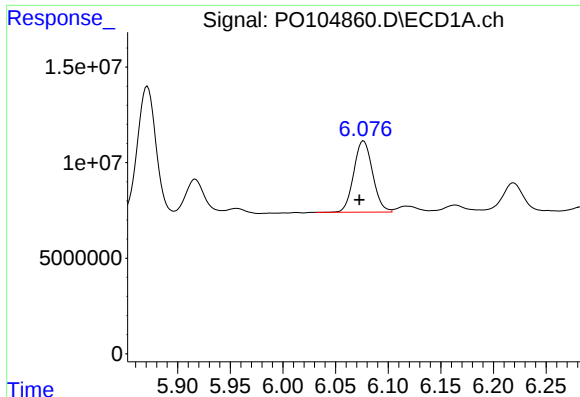
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 3696369
Conc: 17.25 ng/ml



#6 AR-1016-4

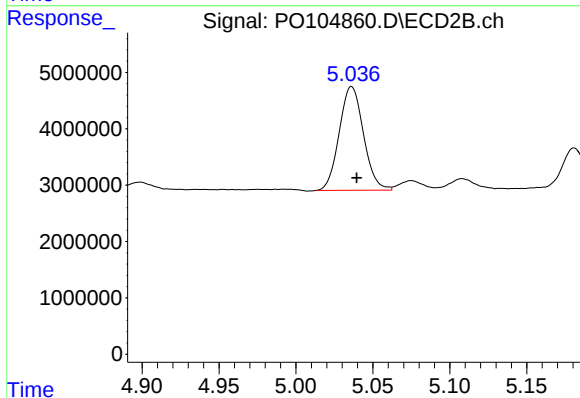
R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 33574592
Conc: 516.50 ng/ml



#7 AR-1016-5

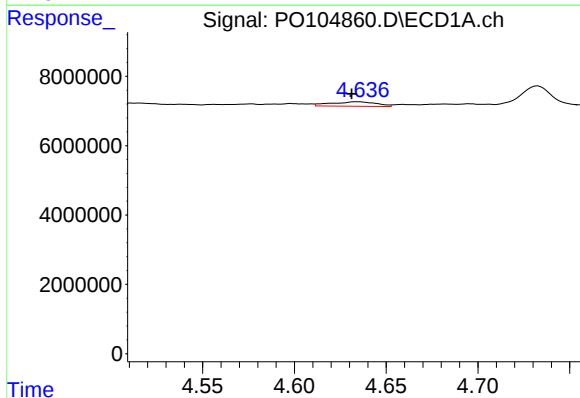
R.T.: 6.077 min
Delta R.T.: 0.004 min
Response: 46541465
Conc: 222.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



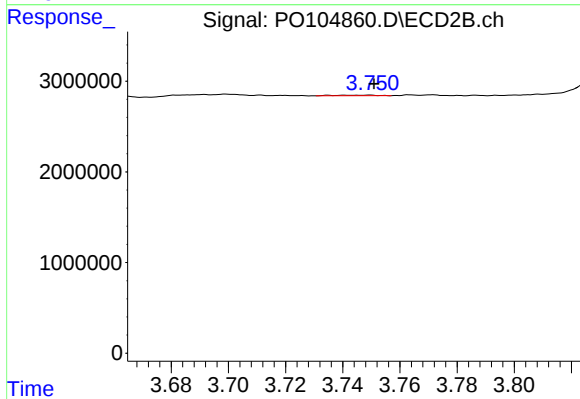
#7 AR-1016-5

R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 20159201
Conc: 228.08 ng/ml



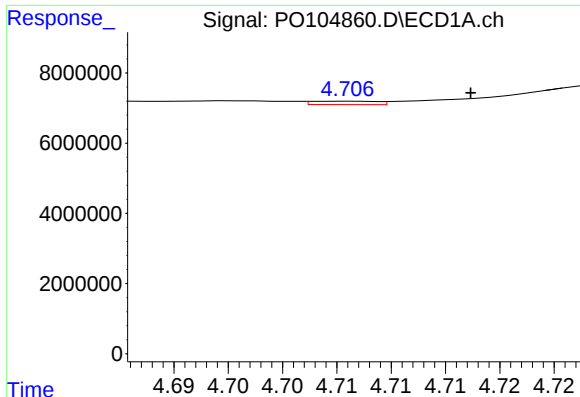
#8 AR-1221-1

R.T.: 4.635 min
Delta R.T.: 0.003 min
Response: 2231777
Conc: 18.75 ng/ml



#8 AR-1221-1

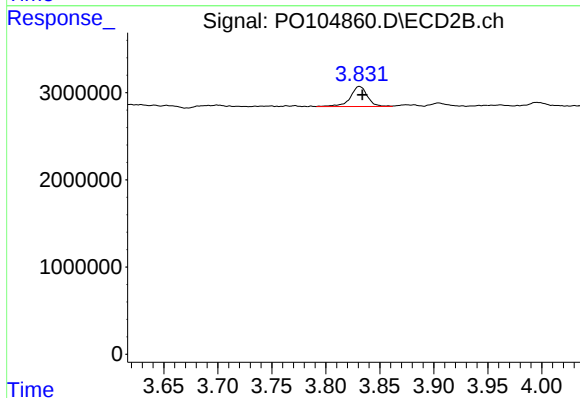
R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 64464
Conc: 1.59 ng/ml



#9 AR-1221-2

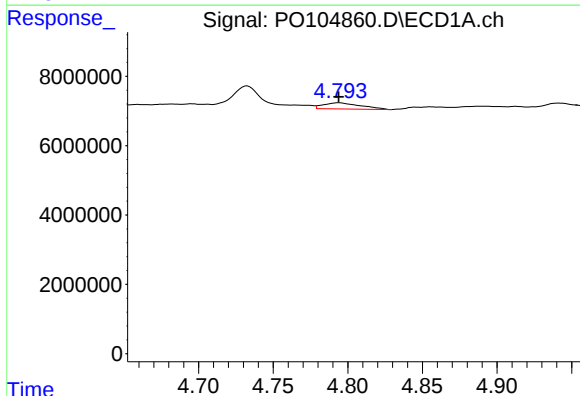
R.T.: 4.706 min
Delta R.T.: -0.012 min
Response: 396493
Conc: 4.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



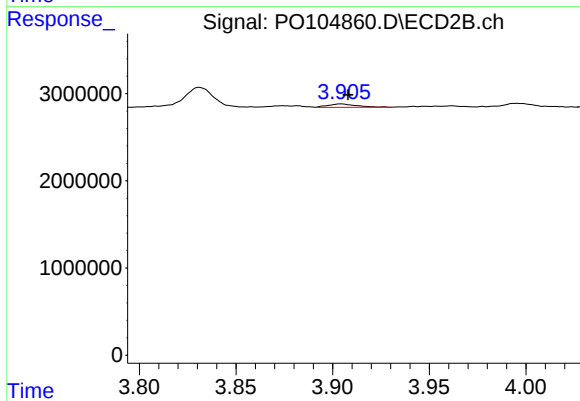
#9 AR-1221-2

R.T.: 3.831 min
Delta R.T.: -0.003 min
Response: 2517710
Conc: 78.14 ng/ml



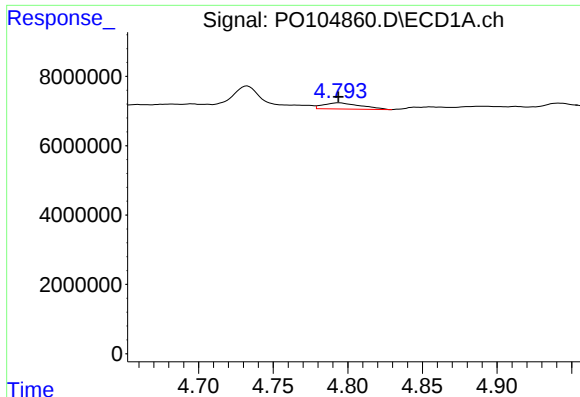
#10 AR-1221-3

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 3102022
Conc: 12.45 ng/ml



#10 AR-1221-3

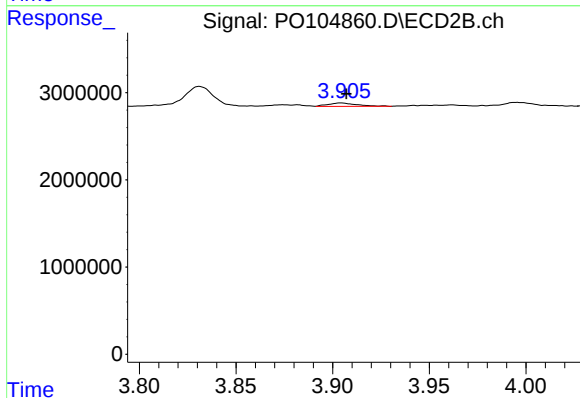
R.T.: 3.904 min
Delta R.T.: -0.004 min
Response: 400895
Conc: 4.20 ng/ml



#11 AR-1232-1

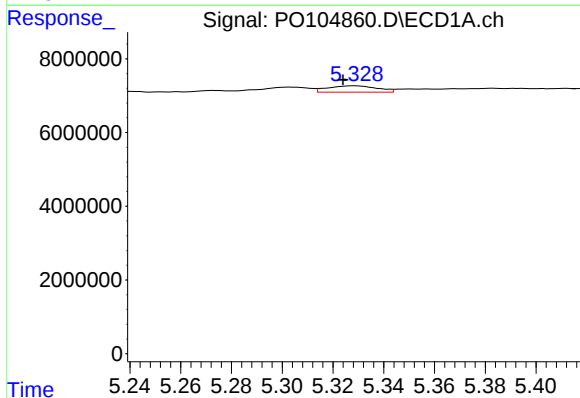
R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 3102022
Conc: 15.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



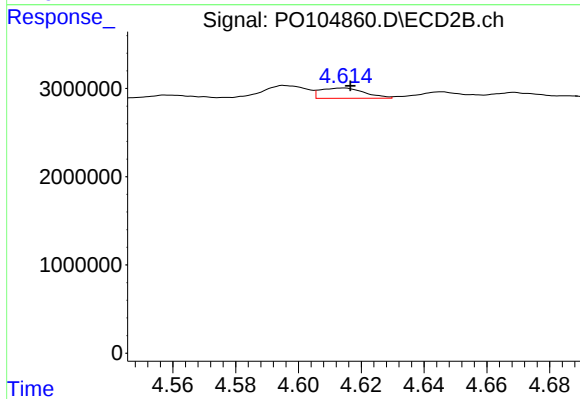
#11 AR-1232-1

R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 400895
Conc: 5.09 ng/ml



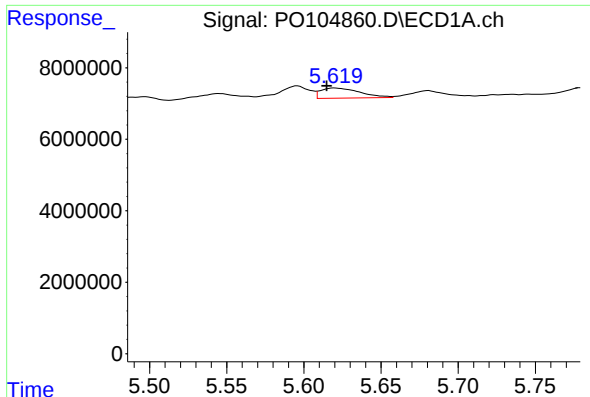
#12 AR-1232-2

R.T.: 5.329 min
Delta R.T.: 0.005 min
Response: 2318575
Conc: 20.43 ng/ml



#12 AR-1232-2

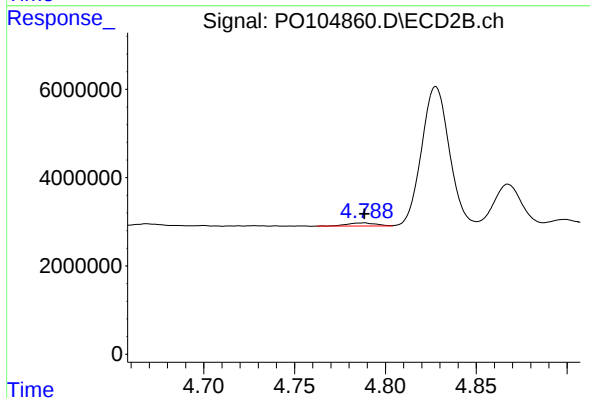
R.T.: 4.614 min
Delta R.T.: -0.002 min
Response: 1128744
Conc: 15.51 ng/ml



#13 AR-1232-3

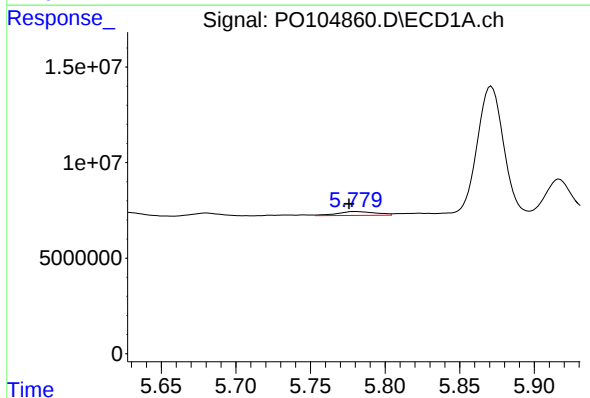
R.T.: 5.620 min
Delta R.T.: 0.005 min
Response: 5001600
Conc: 25.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



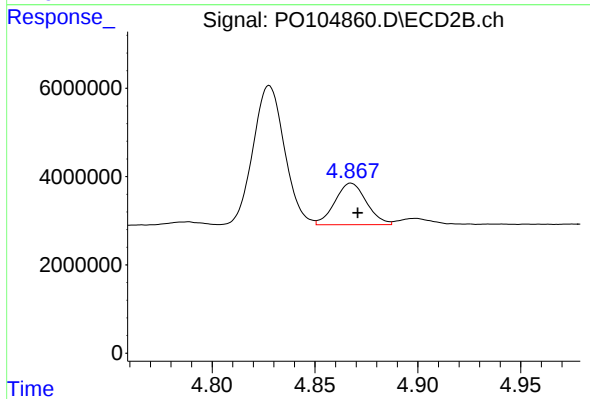
#13 AR-1232-3

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 788755
Conc: 20.10 ng/ml



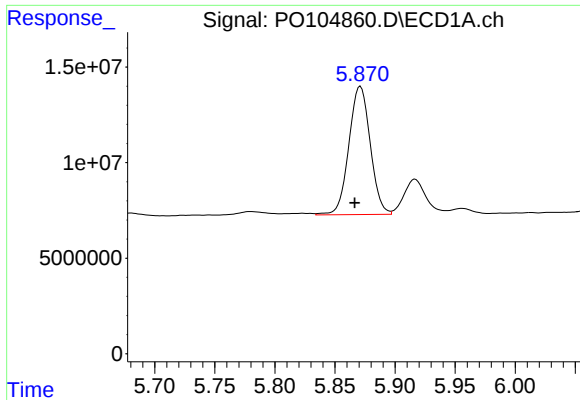
#14 AR-1232-4

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 3696369
Conc: 37.30 ng/ml



#14 AR-1232-4

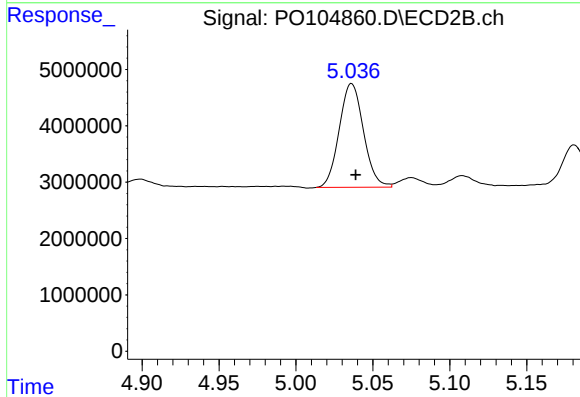
R.T.: 4.868 min
Delta R.T.: -0.003 min
Response: 10062666
Conc: 282.59 ng/ml



#15 AR-1232-5

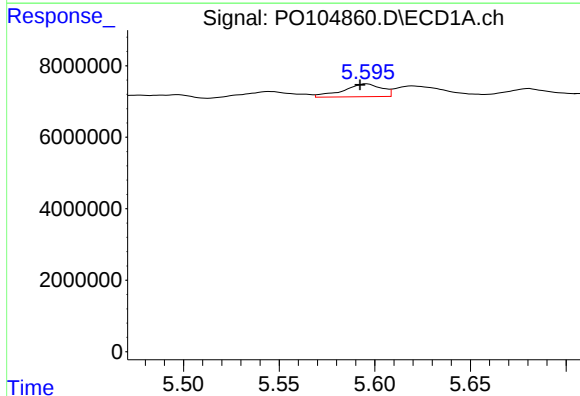
R.T.: 5.871 min
Delta R.T.: 0.005 min
Response: 82995907
Conc: 1059.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



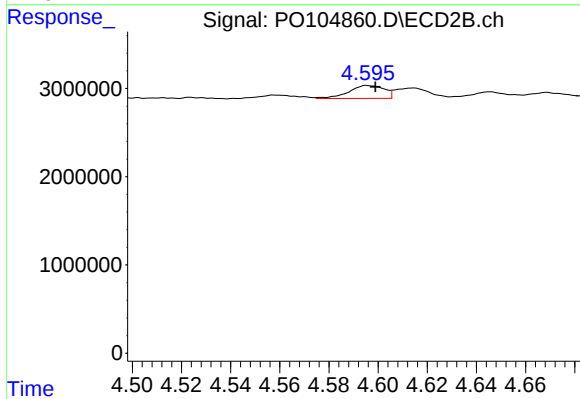
#15 AR-1232-5

R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 20159201
Conc: 502.59 ng/ml



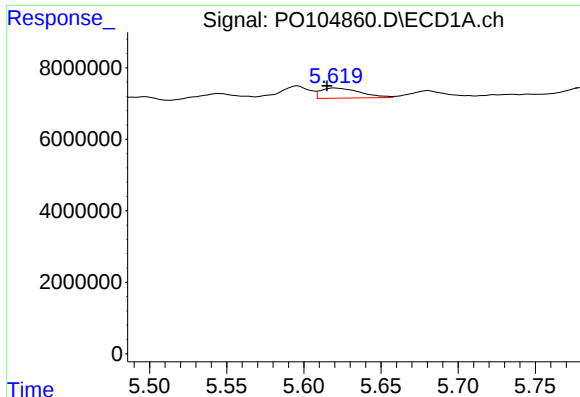
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.003 min
Response: 5014539
Conc: 21.16 ng/ml



#16 AR-1242-1

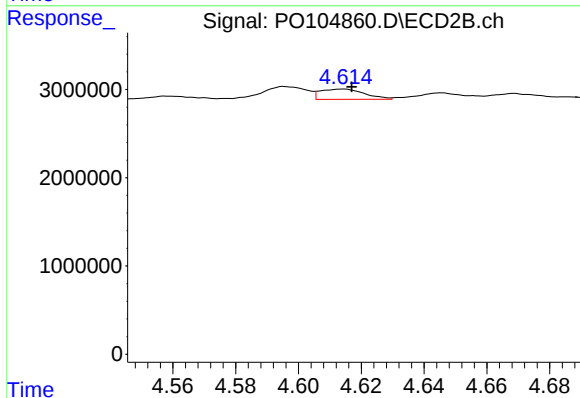
R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 1481520
Conc: 16.61 ng/ml



#17 AR-1242-2

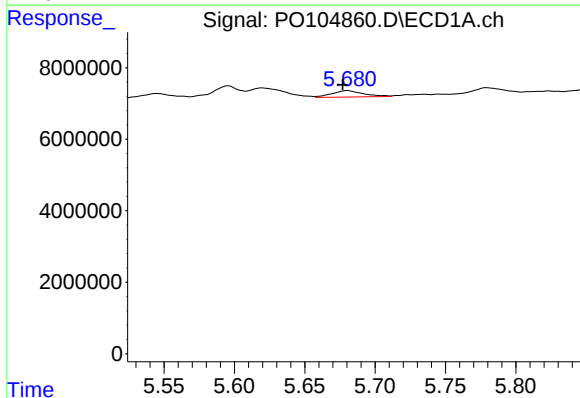
R.T.: 5.620 min
Delta R.T.: 0.005 min
Response: 5001600
Conc: 15.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



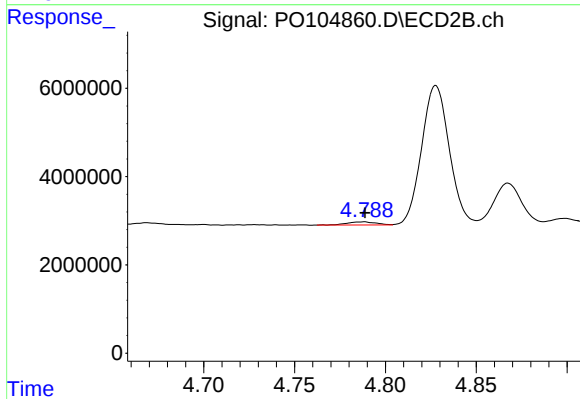
#17 AR-1242-2

R.T.: 4.614 min
Delta R.T.: -0.003 min
Response: 1128744
Conc: 9.29 ng/ml



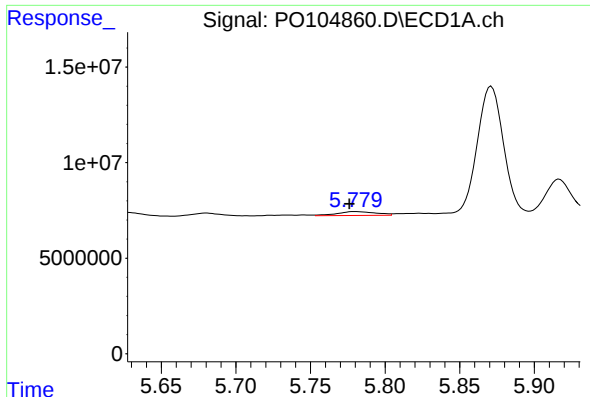
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.004 min
Response: 2756516
Conc: 13.43 ng/ml



#18 AR-1242-3

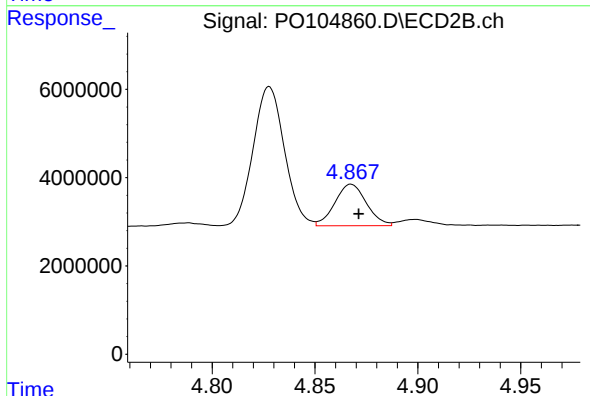
R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 788755
Conc: 12.07 ng/ml



#19 AR-1242-4

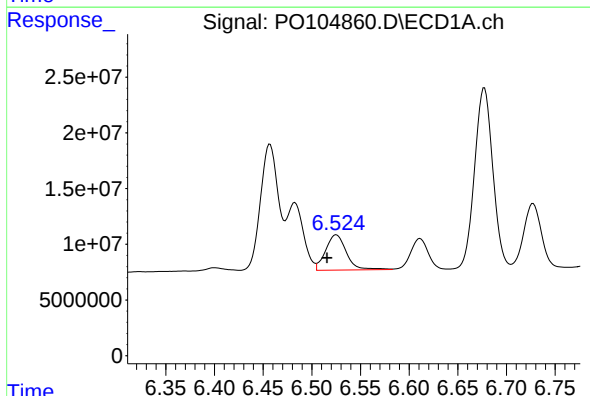
R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 3696369
Conc: 21.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



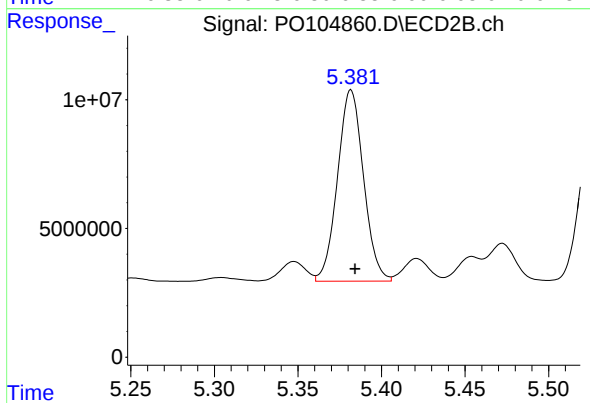
#19 AR-1242-4

R.T.: 4.868 min
Delta R.T.: -0.004 min
Response: 10062666
Conc: 152.21 ng/ml



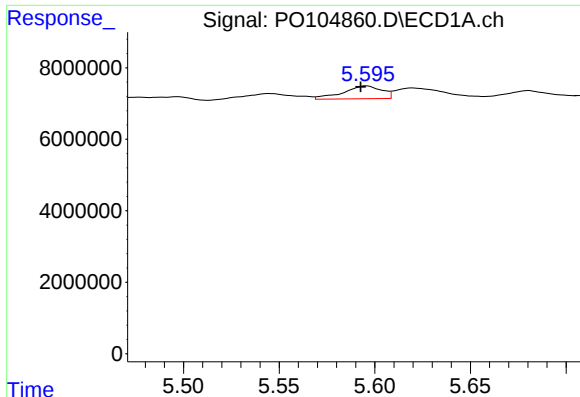
#20 AR-1242-5

R.T.: 6.525 min
Delta R.T.: 0.009 min
Response: 47579053
Conc: 265.02 ng/ml



#20 AR-1242-5

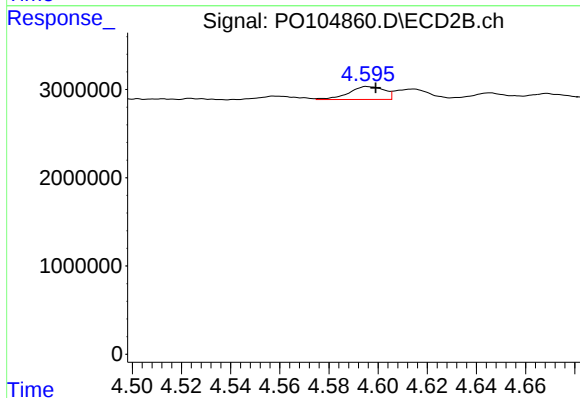
R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 80406981
Conc: 962.55 ng/ml



#21 AR-1248-1

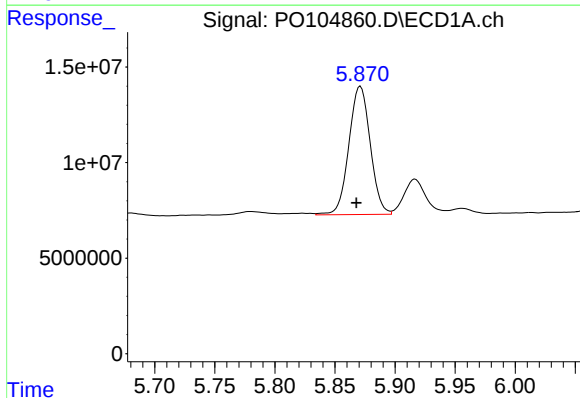
R.T.: 5.596 min
Delta R.T.: 0.003 min
Response: 5014539
Conc: 27.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



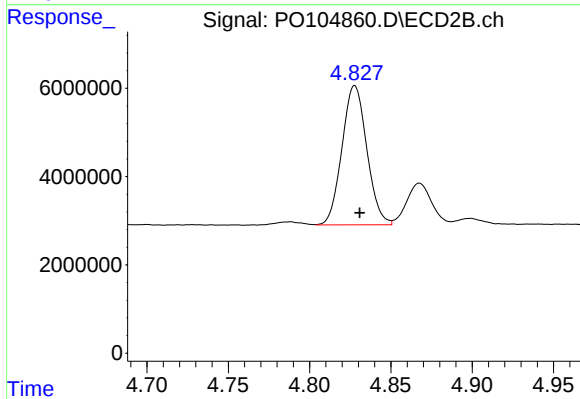
#21 AR-1248-1

R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 1481520
Conc: 21.35 ng/ml



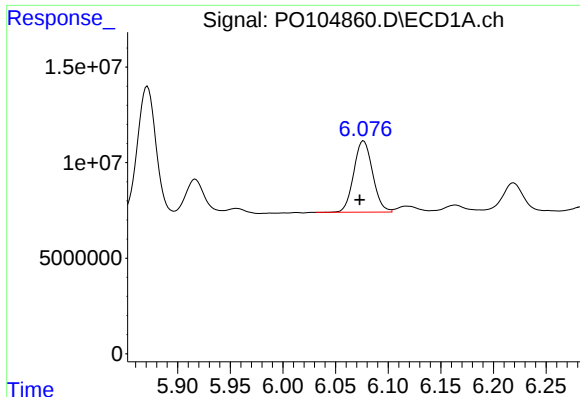
#22 AR-1248-2

R.T.: 5.871 min
Delta R.T.: 0.003 min
Response: 82995907
Conc: 321.35 ng/ml



#22 AR-1248-2

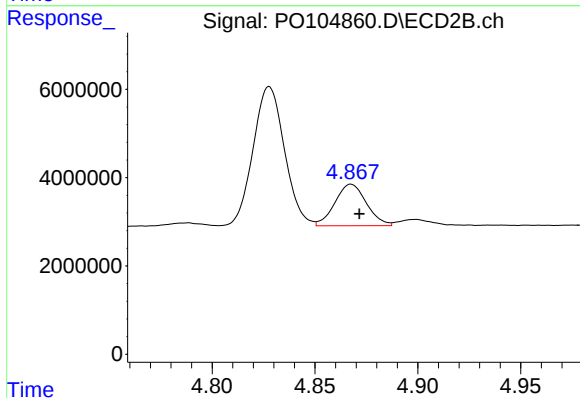
R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 33574592
Conc: 355.45 ng/ml



#23 AR-1248-3

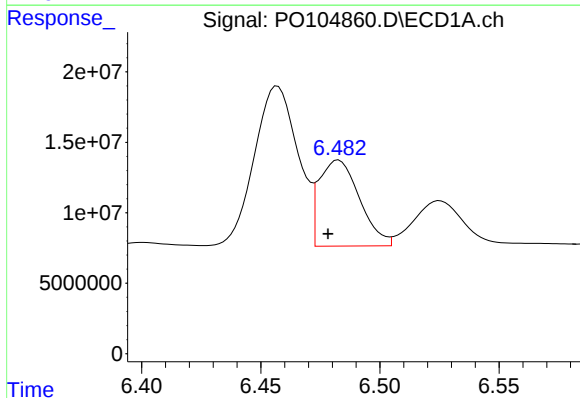
R.T.: 6.077 min
Delta R.T.: 0.004 min
Response: 46541465
Conc: 169.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



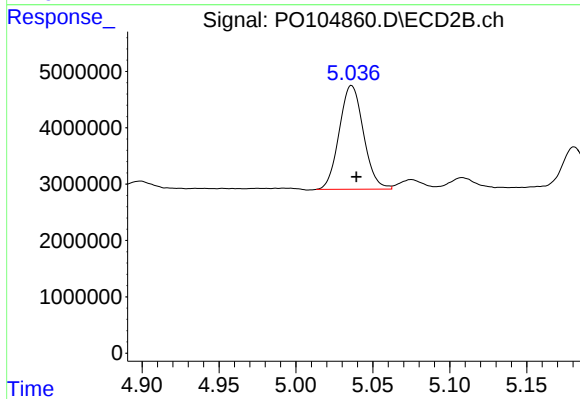
#23 AR-1248-3

R.T.: 4.868 min
Delta R.T.: -0.004 min
Response: 10062666
Conc: 102.03 ng/ml



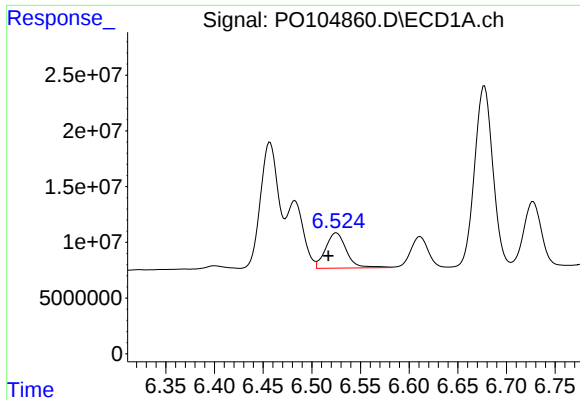
#24 AR-1248-4

R.T.: 6.483 min
Delta R.T.: 0.004 min
Response: 72064680
Conc: 236.70 ng/ml



#24 AR-1248-4

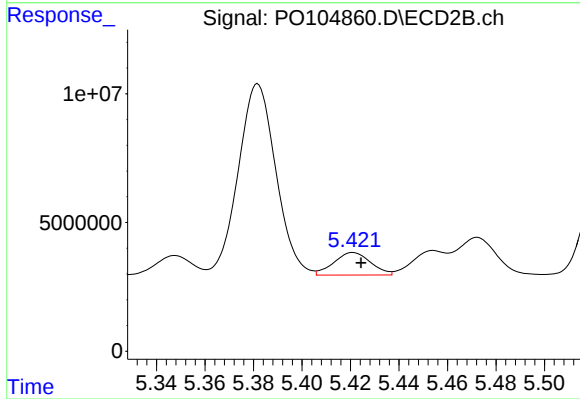
R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 20159201
Conc: 176.33 ng/ml



#25 AR-1248-5

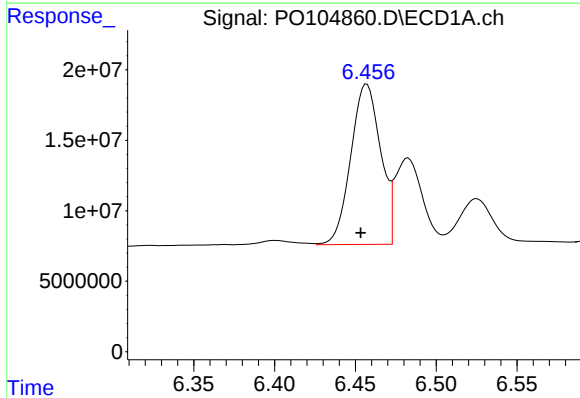
R.T.: 6.525 min
Delta R.T.: 0.008 min
Response: 47579053
Conc: 161.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



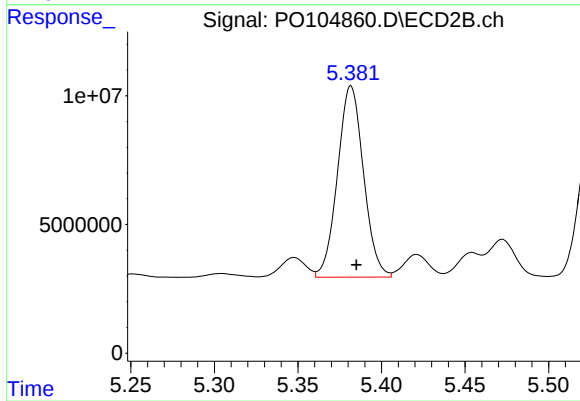
#25 AR-1248-5

R.T.: 5.421 min
Delta R.T.: -0.003 min
Response: 9244669
Conc: 82.79 ng/ml



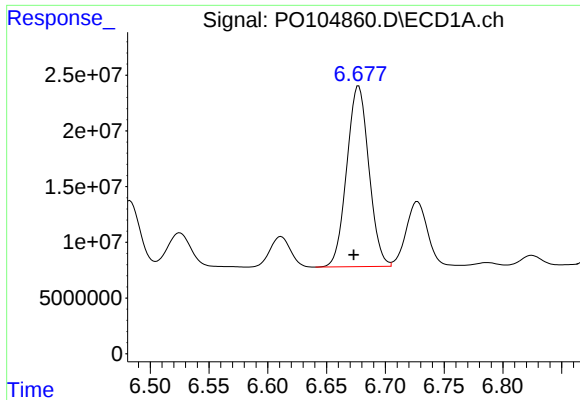
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: 0.004 min
Response: 145840719
Conc: 473.98 ng/ml



#26 AR-1254-1

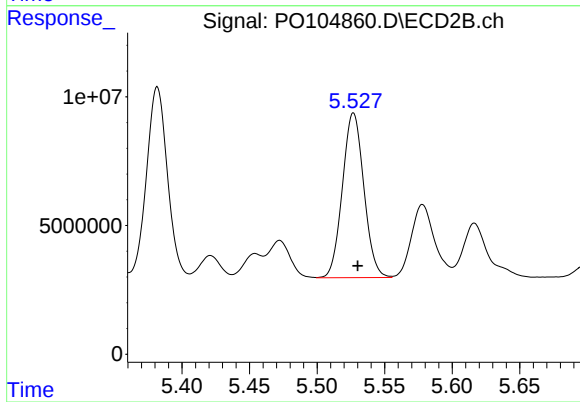
R.T.: 5.382 min
Delta R.T.: -0.003 min
Response: 80406981
Conc: 477.01 ng/ml



#27 AR-1254-2

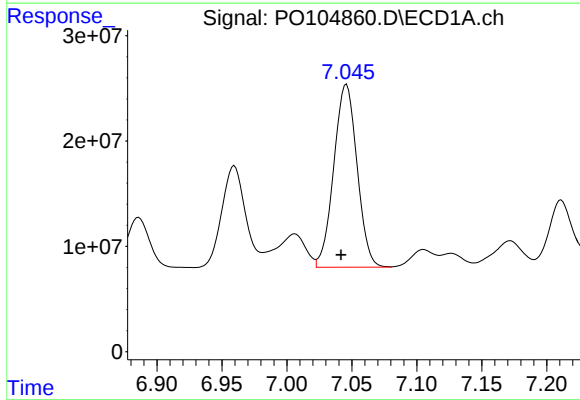
R.T.: 6.677 min
Delta R.T.: 0.004 min
Response: 211825666
Conc: 473.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



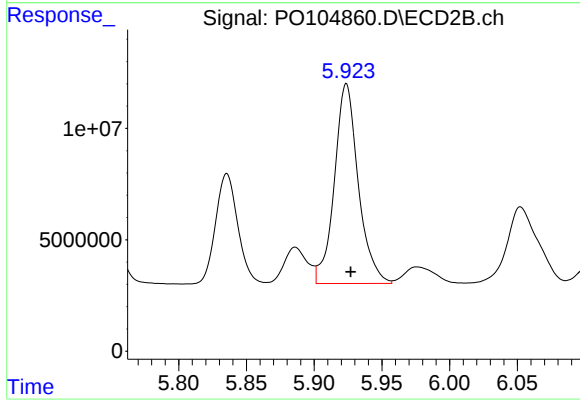
#27 AR-1254-2

R.T.: 5.527 min
Delta R.T.: -0.003 min
Response: 70629833
Conc: 474.94 ng/ml



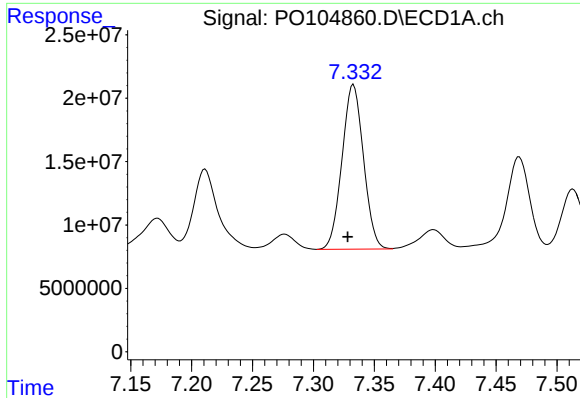
#28 AR-1254-3

R.T.: 7.046 min
Delta R.T.: 0.004 min
Response: 216664149
Conc: 476.29 ng/ml



#28 AR-1254-3

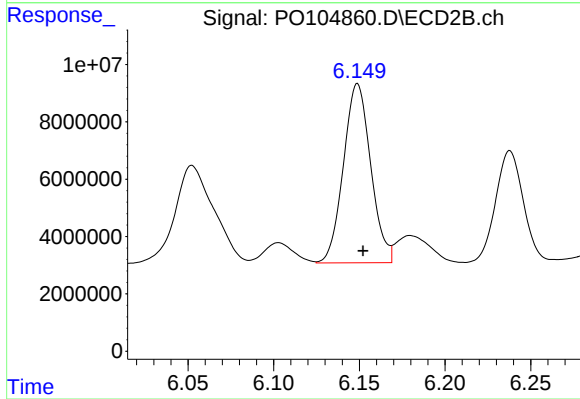
R.T.: 5.924 min
Delta R.T.: -0.003 min
Response: 110209175
Conc: 478.48 ng/ml



#29 AR-1254-4

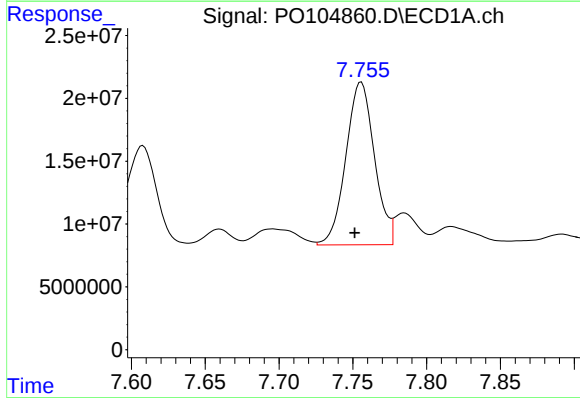
R.T.: 7.333 min
Delta R.T.: 0.005 min
Response: 159073697
Conc: 471.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



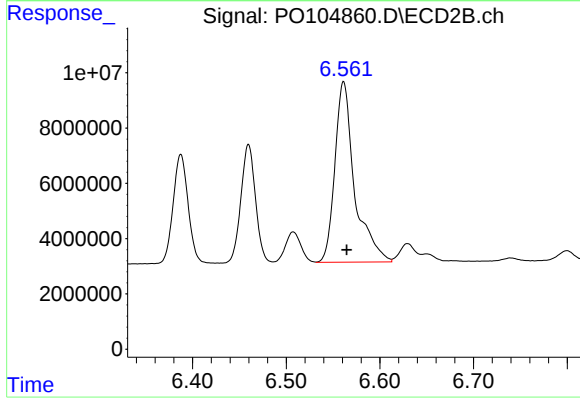
#29 AR-1254-4

R.T.: 6.149 min
Delta R.T.: -0.003 min
Response: 69314658
Conc: 485.84 ng/ml



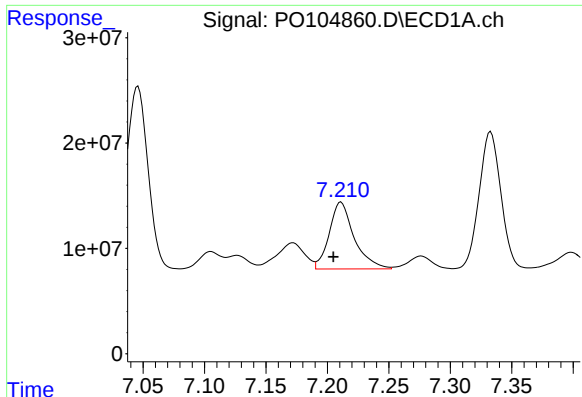
#30 AR-1254-5

R.T.: 7.756 min
Delta R.T.: 0.004 min
Response: 174623637
Conc: 467.59 ng/ml



#30 AR-1254-5

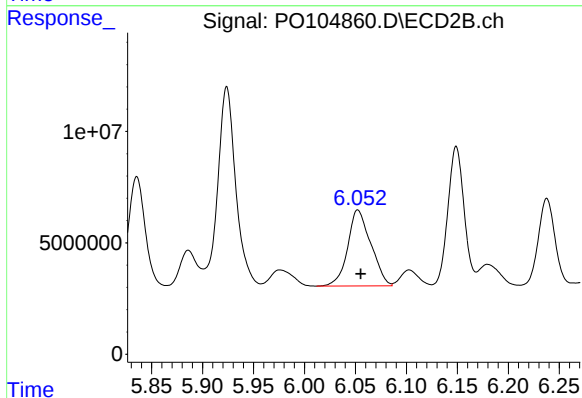
R.T.: 6.561 min
Delta R.T.: -0.003 min
Response: 95608826
Conc: 476.45 ng/ml



#31 AR-1260-1

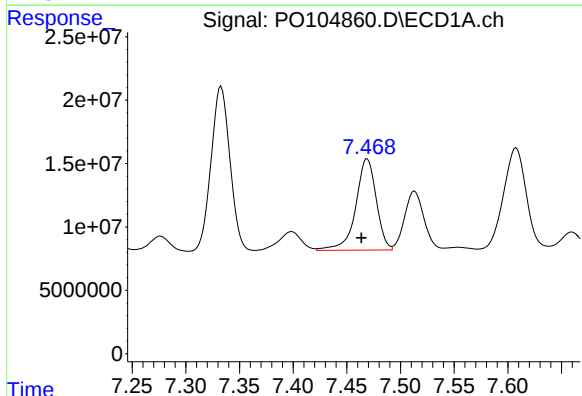
R.T.: 7.211 min
Delta R.T.: 0.006 min
Response: 89471969
Conc: 247.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



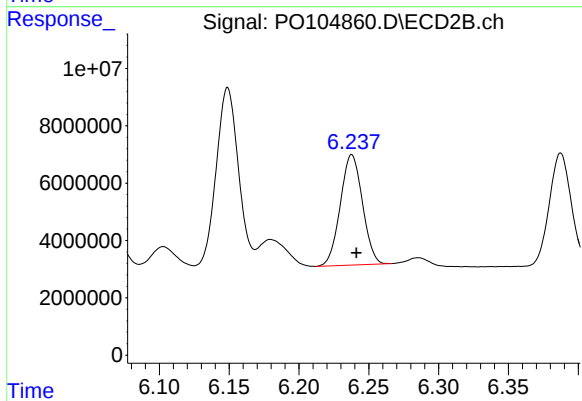
#31 AR-1260-1

R.T.: 6.052 min
Delta R.T.: -0.003 min
Response: 53913873
Conc: 336.69 ng/ml



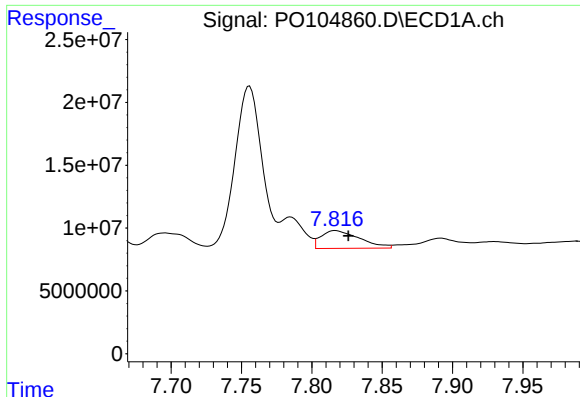
#32 AR-1260-2

R.T.: 7.469 min
Delta R.T.: 0.005 min
Response: 95916962
Conc: 227.34 ng/ml



#32 AR-1260-2

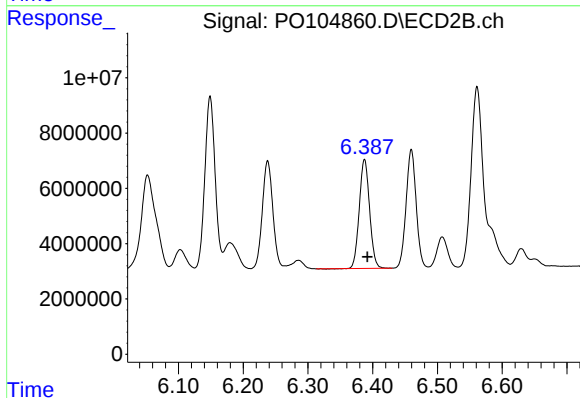
R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 42513648
Conc: 221.30 ng/ml



#33 AR-1260-3

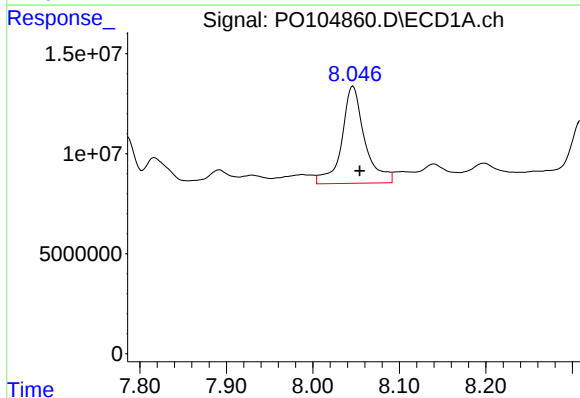
R.T.: 7.817 min
Delta R.T.: -0.009 min
Response: 27087493
Conc: 91.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



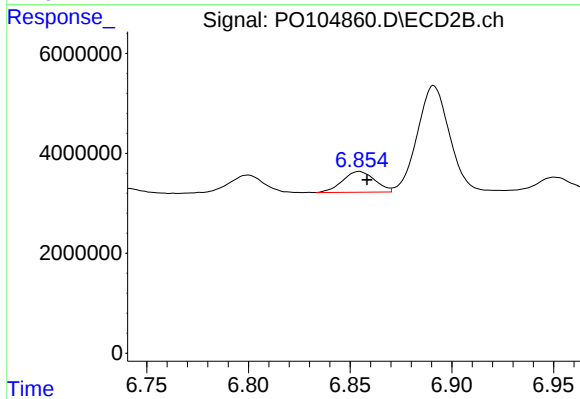
#33 AR-1260-3

R.T.: 6.387 min
Delta R.T.: -0.004 min
Response: 43431166
Conc: 244.19 ng/ml



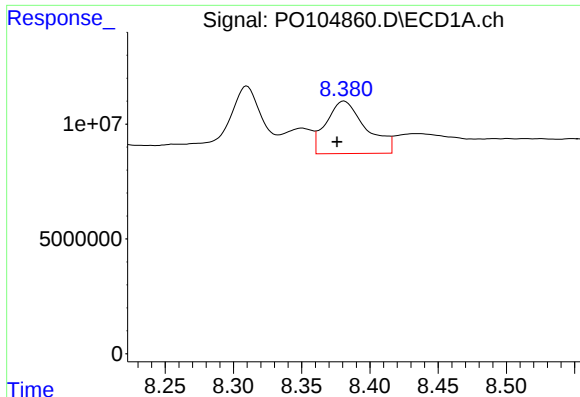
#34 AR-1260-4

R.T.: 8.046 min
Delta R.T.: -0.008 min
Response: 89132513
Conc: 251.58 ng/ml



#34 AR-1260-4

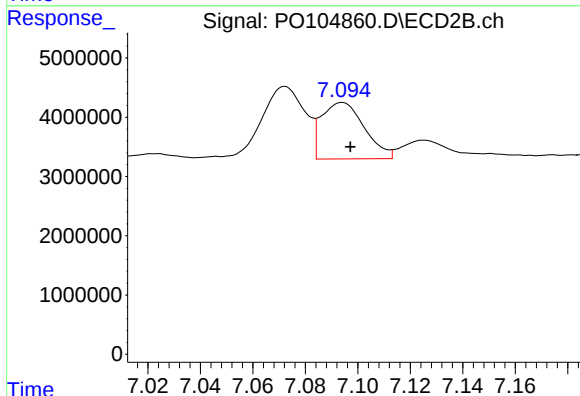
R.T.: 6.854 min
Delta R.T.: -0.004 min
Response: 4594199
Conc: 34.29 ng/ml



#35 AR-1260-5

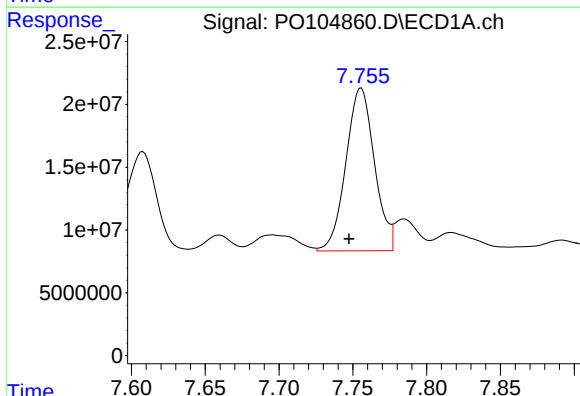
R.T.: 8.381 min
Delta R.T.: 0.005 min
Response: 46375141
Conc: 71.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



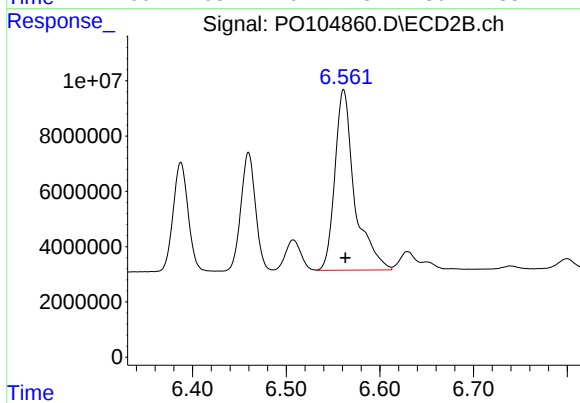
#35 AR-1260-5

R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 10790855
Conc: 35.26 ng/ml



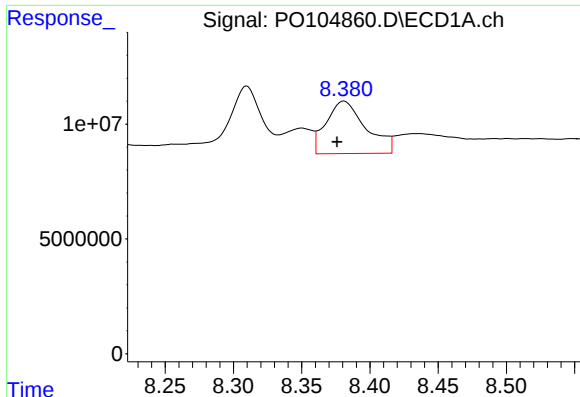
#36 AR-1262-1

R.T.: 7.756 min
Delta R.T.: 0.008 min
Response: 174623637
Conc: 565.69 ng/ml



#36 AR-1262-1

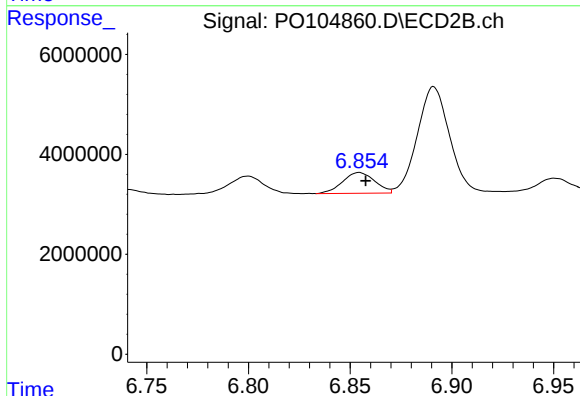
R.T.: 6.561 min
Delta R.T.: -0.002 min
Response: 95608826
Conc: 844.57 ng/ml



#37 AR-1262-2

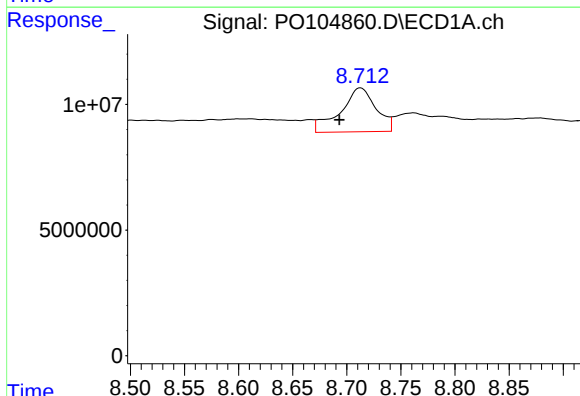
R.T.: 8.381 min
Delta R.T.: 0.005 min
Response: 46375141
Conc: 58.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



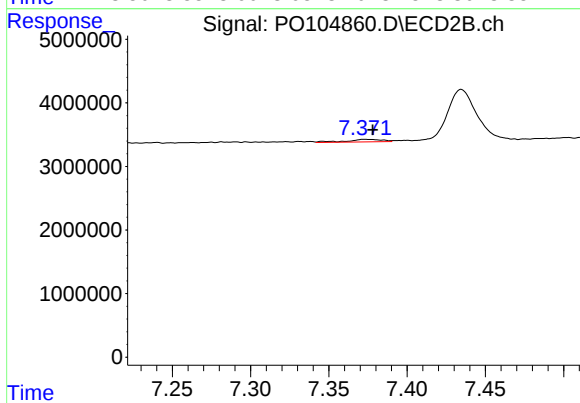
#37 AR-1262-2

R.T.: 6.854 min
Delta R.T.: -0.003 min
Response: 4594199
Conc: 24.87 ng/ml



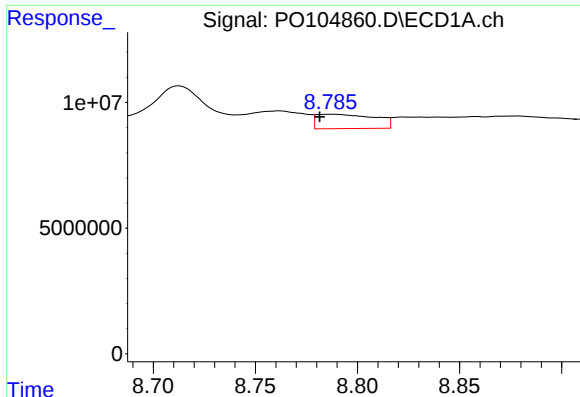
#38 AR-1262-3

R.T.: 8.713 min
Delta R.T.: 0.019 min
Response: 40007921
Conc: 74.27 ng/ml



#38 AR-1262-3

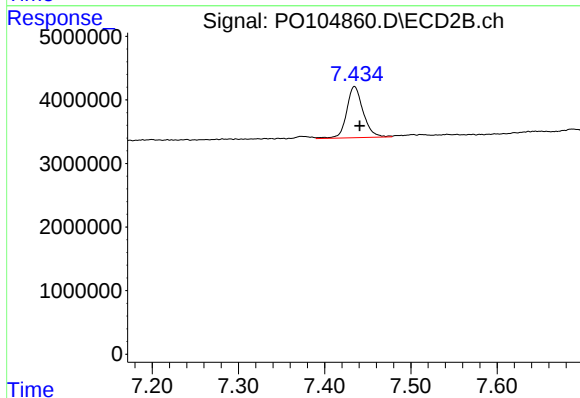
R.T.: 7.373 min
Delta R.T.: -0.004 min
Response: 672305
Conc: 4.82 ng/ml



#39 AR-1262-4

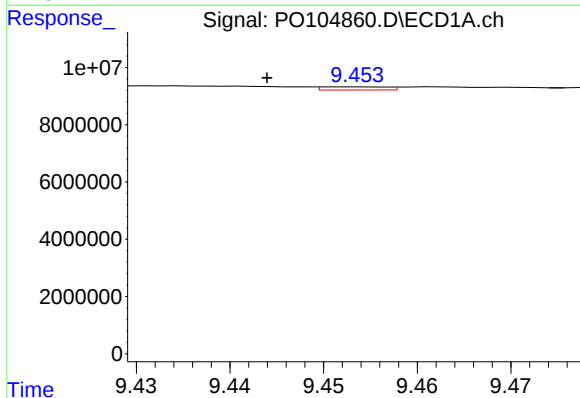
R.T.: 8.787 min
Delta R.T.: 0.005 min
Response: 11351287
Conc: 27.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



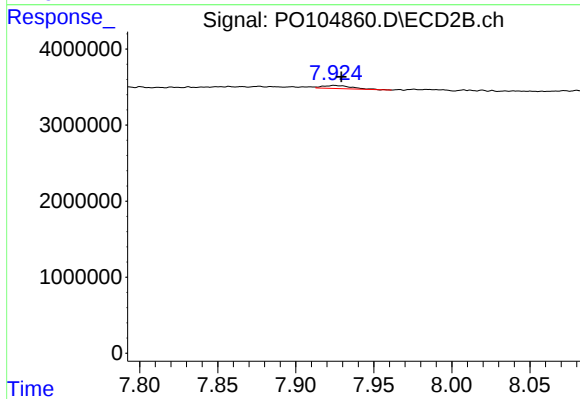
#39 AR-1262-4

R.T.: 7.435 min
Delta R.T.: -0.006 min
Response: 10771483
Conc: 41.78 ng/ml



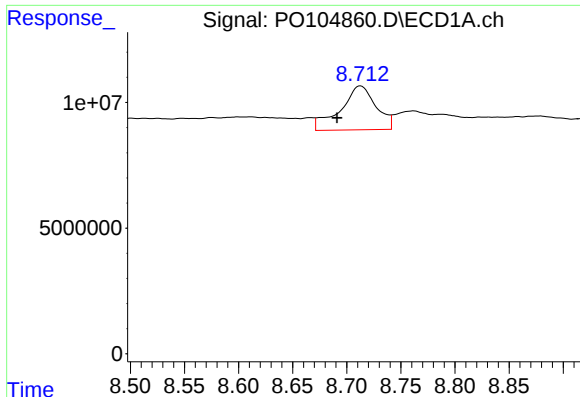
#40 AR-1262-5

R.T.: 9.452 min
Delta R.T.: 0.008 min
Response: 532003
Conc: 1.91 ng/ml



#40 AR-1262-5

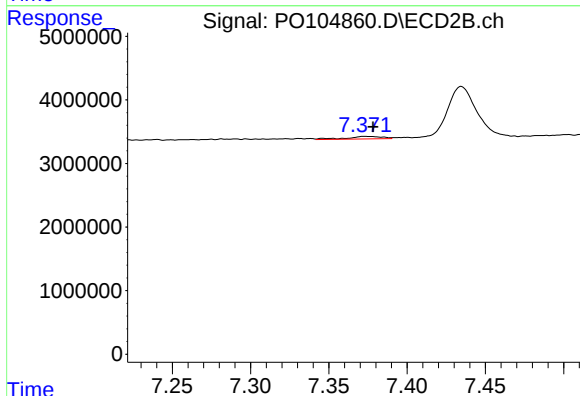
R.T.: 7.925 min
Delta R.T.: -0.004 min
Response: 505964
Conc: 4.44 ng/ml



#41 AR-1268-1

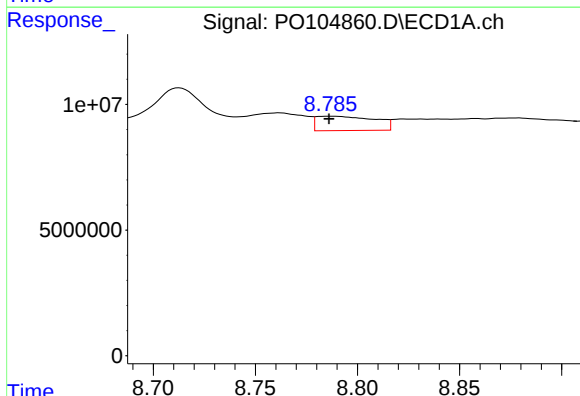
R.T.: 8.713 min
Delta R.T.: 0.022 min
Response: 40007921
Conc: 45.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



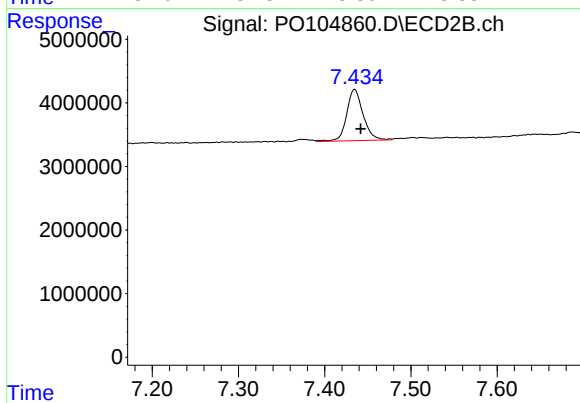
#41 AR-1268-1

R.T.: 7.373 min
Delta R.T.: -0.005 min
Response: 672305
Conc: 1.76 ng/ml



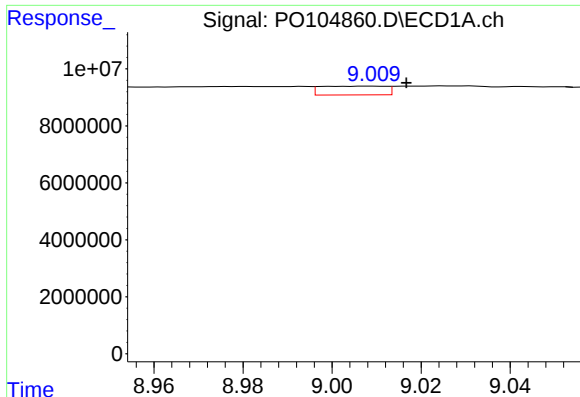
#42 AR-1268-2

R.T.: 8.787 min
Delta R.T.: 0.000 min
Response: 11351287
Conc: 14.20 ng/ml



#42 AR-1268-2

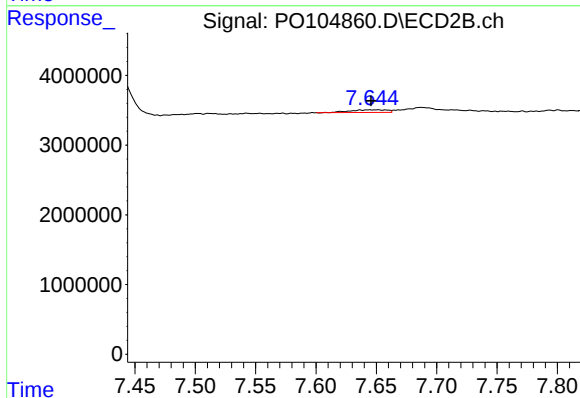
R.T.: 7.435 min
Delta R.T.: -0.007 min
Response: 10771483
Conc: 31.63 ng/ml



#43 AR-1268-3

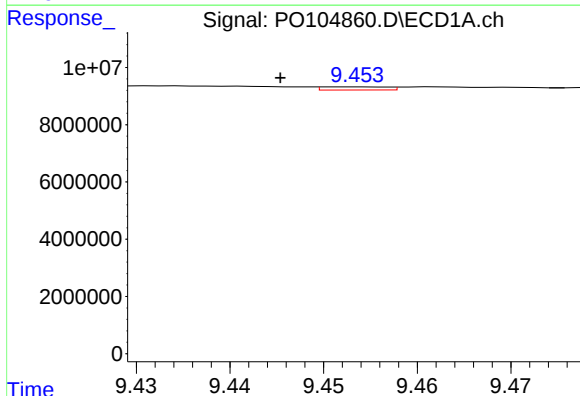
R.T.: 9.008 min
Delta R.T.: -0.008 min
Response: 3123034
Conc: 4.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



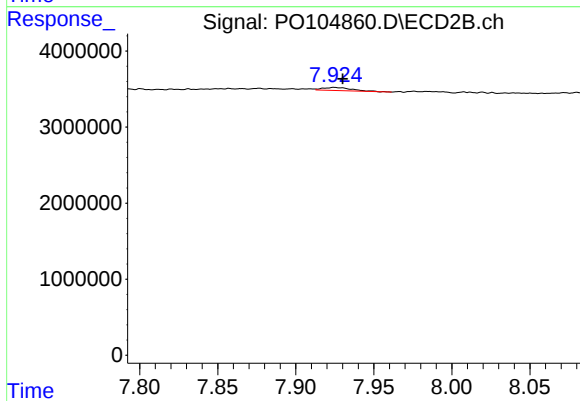
#43 AR-1268-3

R.T.: 7.651 min
Delta R.T.: 0.006 min
Response: 842994
Conc: 3.06 ng/ml



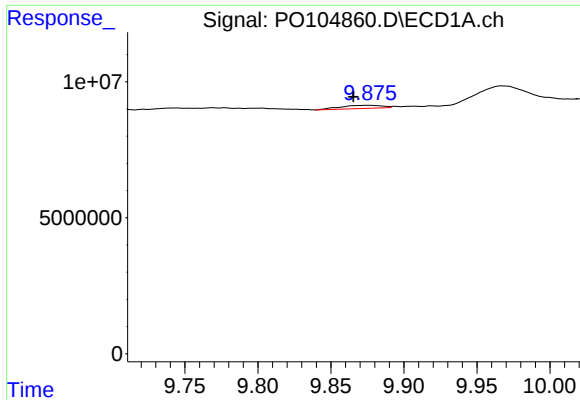
#44 AR-1268-4

R.T.: 9.452 min
Delta R.T.: 0.007 min
Response: 532003
Conc: 1.86 ng/ml



#44 AR-1268-4

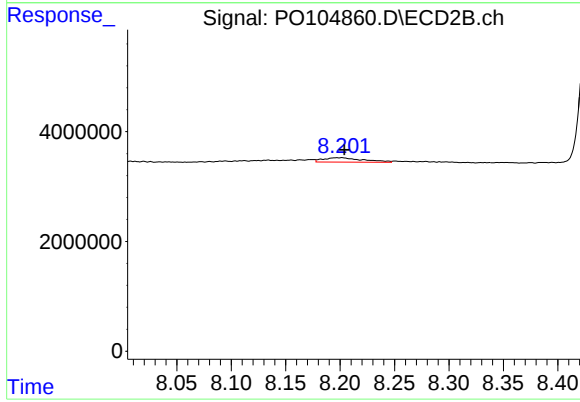
R.T.: 7.925 min
Delta R.T.: -0.005 min
Response: 505964
Conc: 4.29 ng/ml



#45 AR-1268-5

R.T.: 9.876 min
Delta R.T.: 0.010 min
Response: 2269585
Conc: 1.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.201 min
Delta R.T.: -0.003 min
Response: 2059696
Conc: 2.64 ng/ml