

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0012825\
 Data File : P0109138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2025 09:37
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 22:10:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0012125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 22 03:46:11 2025
 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...	3.703	3.697	434.0E6	293.7E6	57.435	54.790
2)	SA Decachlor...	8.770	8.718	361.9E6	173.2E6	52.236	50.381
Target Compounds							
3)	L1 AR-1016-1	4.799	4.802	144.0E6	124.9E6	570.825	771.224 #
4)	L1 AR-1016-2	4.819	4.833	196.4E6	9977967	569.505	41.883 #
5)	L1 AR-1016-3	4.875	4.978	138.8E6	68762376	568.425	527.409
6)	L1 AR-1016-4	4.996	5.020	109.2E6	57834125	572.081	523.298
7)	L1 AR-1016-5	5.254	5.234	117.7E6	75020020	563.656	522.631
8)	L2 AR-1221-1	3.915	3.907	16426724	10269551	164.102	156.811
9)	L2 AR-1221-2	4.004	3.995	23624044	15251885	317.497	308.820
10)	L2 AR-1221-3	4.080	4.071	78252674	51171642	376.188	352.518
11)	L3 AR-1232-1	4.080	4.071	78252674	51171642	473.909	443.014
12)	L3 AR-1232-2	4.576	4.802	107.5E6	124.9E6	1182.097	1146.555
13)	L3 AR-1232-3	4.819	4.978	196.4E6	68762376	1226.423	1146.672
14)	L3 AR-1232-4	4.996	5.062	109.2E6	69919860	1240.545	1221.053
15)	L3 AR-1232-5	5.039	5.234	91194734	75020020	1406.930	1236.486
16)	L4 AR-1242-1	4.799	4.783	144.0E6	89268154	677.890	624.638
17)	L4 AR-1242-2	4.819	4.802	196.4E6	124.9E6	685.022	633.185
18)	L4 AR-1242-3	4.875	4.978	138.8E6	68762376	677.849	630.599
19)	L4 AR-1242-4	4.996	5.062	109.2E6	69919860	687.167	615.254
20)	L4 AR-1242-5	5.651	5.586	29873091	72926143	178.848	533.138 #
21)	L5 AR-1248-1	4.799	4.783	144.0E6	89268154	902.490	831.796
22)	L5 AR-1248-2	5.039	5.020	91194734	57834125	408.049	375.604
23)	L5 AR-1248-3	5.254	5.062	117.7E6	69919860	429.671	422.798
24)	L5 AR-1248-4	5.610	5.234	115.6E6	75020020	300.487	391.738 #
25)	L5 AR-1248-5	5.651	5.626	29873091	18966510	112.445	103.522
26)	L6 AR-1254-1	5.610	5.586	115.6E6	72926143	279.425	259.447
27)	L6 AR-1254-2	5.759	5.733	83279209	52742087	230.164	210.747
28)	L6 AR-1254-3	6.148	6.120	33040955	20747664	58.571	52.817
29)	L6 AR-1254-4	6.395	6.365	24503379	14369692	71.103	65.212
30)	L6 AR-1254-5	6.815	6.783	277.7E6	163.5E6	541.177	500.513
31)	L7 AR-1260-1	6.297	6.268	210.7E6	129.7E6	552.754	514.479
32)	L7 AR-1260-2	6.486	6.456	256.2E6	153.5E6	545.497	510.361
33)	L7 AR-1260-3	6.855	6.609	214.7E6	142.0E6	548.428	510.187
34)	L7 AR-1260-4	7.116	7.082	197.2E6	115.5E6	550.857	511.778
35)	L7 AR-1260-5	7.357	7.322	460.5E6	260.5E6	551.771	520.329
36)	L8 AR-1262-1	6.855	6.822	214.7E6	127.2E6	402.130	373.810
37)	L8 AR-1262-2	7.357	7.322	460.5E6	260.5E6	500.840	469.738
38)	L8 AR-1262-3	7.643	7.606	105.4E6	58774899	289.041	274.085
39)	L8 AR-1262-4	7.706	7.669	329.8E6	179.2E6	479.678	457.352
40)	L8 AR-1262-5	8.204	8.164	119.1E6	59925832	394.330	375.801
41)	L9 AR-1268-1	7.643	7.606	105.4E6	58774899	98.971	93.367

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012825\
Data File : P0109138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:37
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

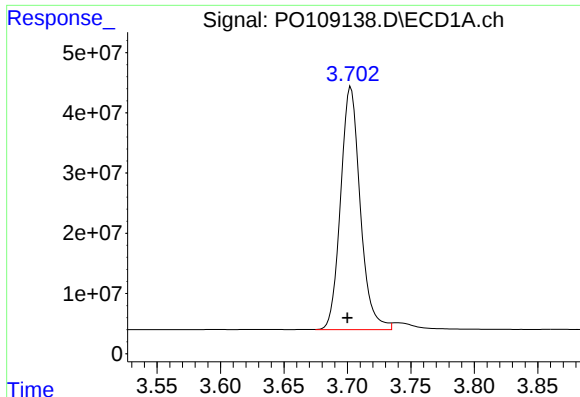
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 22:10:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 22 03:46:11 2025
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	7.706	7.669	329.8E6	179.2E6	340.352	313.821
43) L9	AR-1268-3	7.917	7.878	6179828	3722366	7.671	8.082
44) L9	AR-1268-4	8.204	8.164	119.1E6	59925832	347.767	331.977
45) L9	AR-1268-5	8.505	8.458	33878213	16931054	14.167	14.149

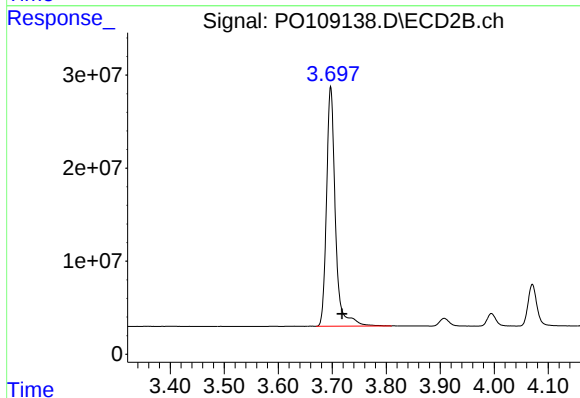
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

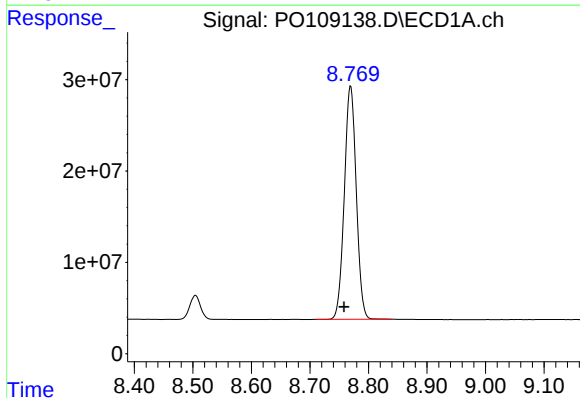
R.T.: 3.703 min
Delta R.T.: 0.003 min
Response: 434001581
Conc: 57.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



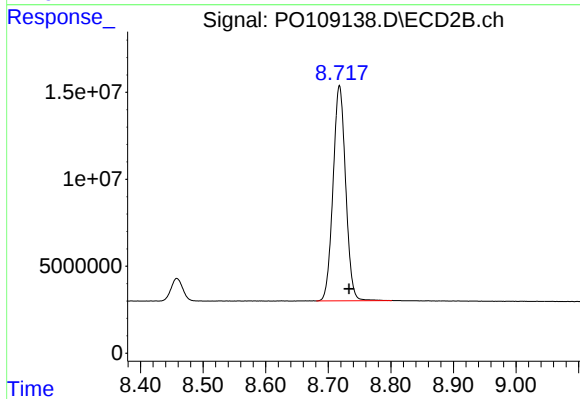
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: -0.021 min
Response: 293690974
Conc: 54.79 ng/ml



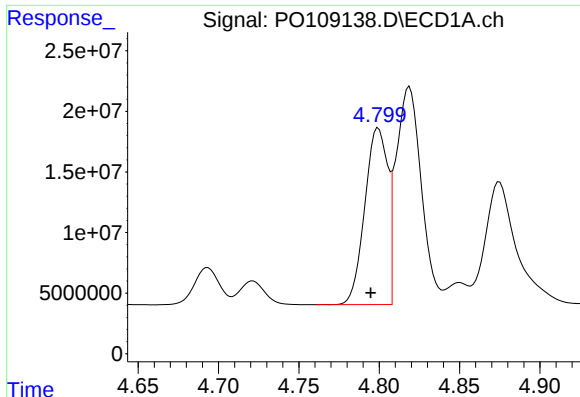
#2 Decachlorobiphenyl

R.T.: 8.770 min
Delta R.T.: 0.011 min
Response: 361876661
Conc: 52.24 ng/ml



#2 Decachlorobiphenyl

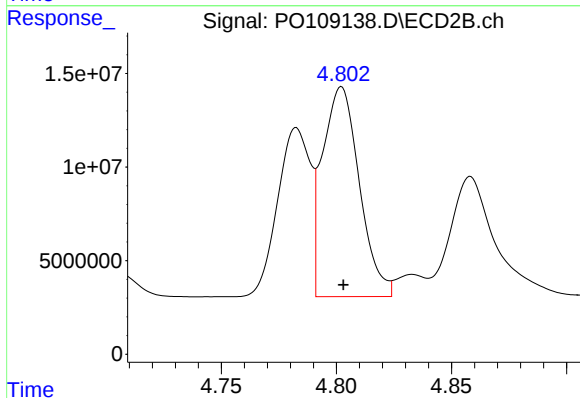
R.T.: 8.718 min
Delta R.T.: -0.015 min
Response: 173248710
Conc: 50.38 ng/ml



#3 AR-1016-1

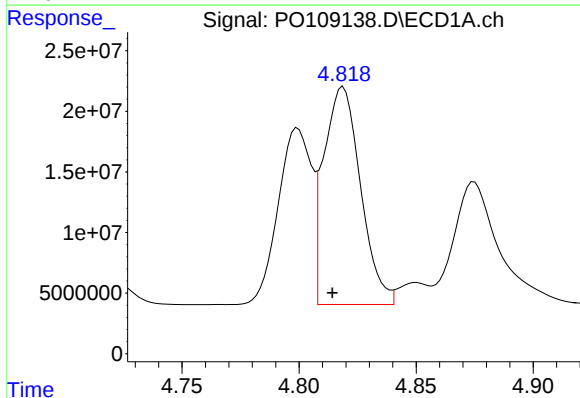
R.T.: 4.799 min
Delta R.T.: 0.005 min
Response: 144011506
Conc: 570.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



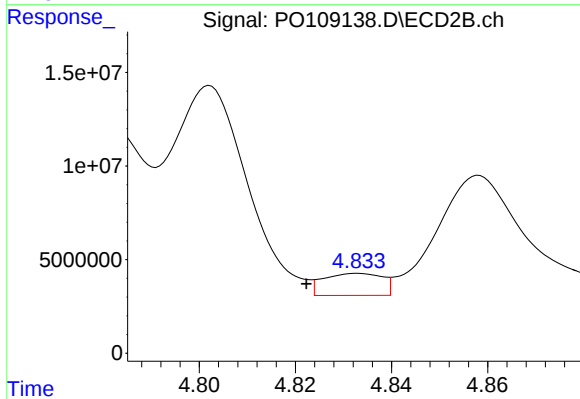
#3 AR-1016-1

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 124874956
Conc: 771.22 ng/ml



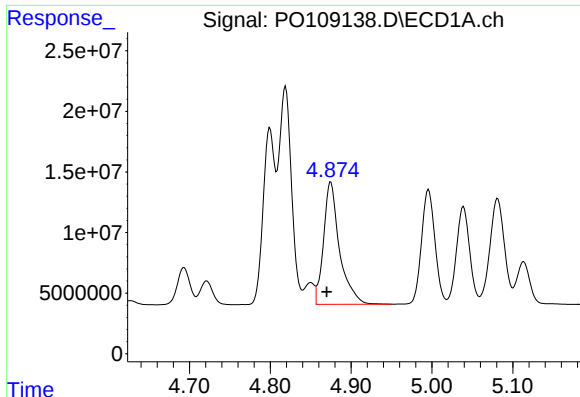
#4 AR-1016-2

R.T.: 4.819 min
Delta R.T.: 0.005 min
Response: 196413775
Conc: 569.51 ng/ml



#4 AR-1016-2

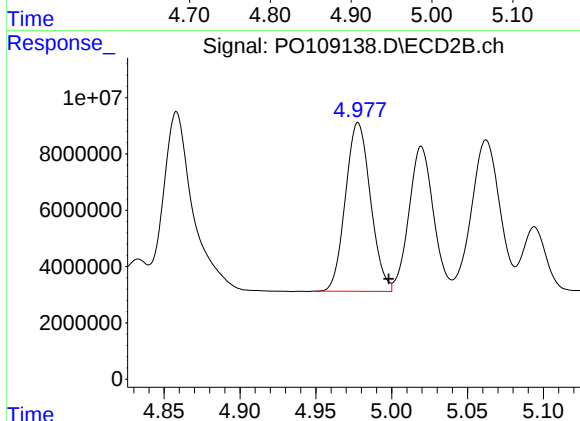
R.T.: 4.833 min
Delta R.T.: 0.011 min
Response: 9977967
Conc: 41.88 ng/ml



#5 AR-1016-3

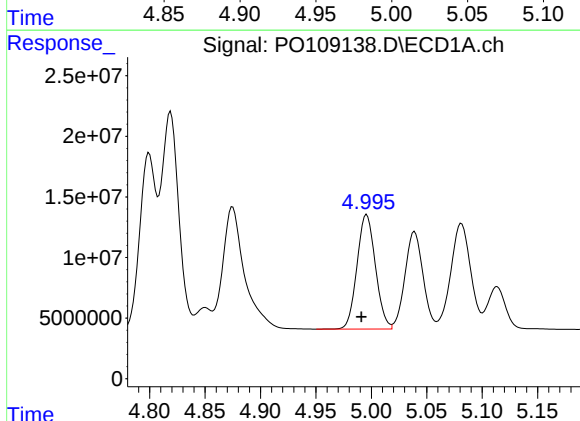
R.T.: 4.875 min
Delta R.T.: 0.005 min
Response: 138762075
Conc: 568.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



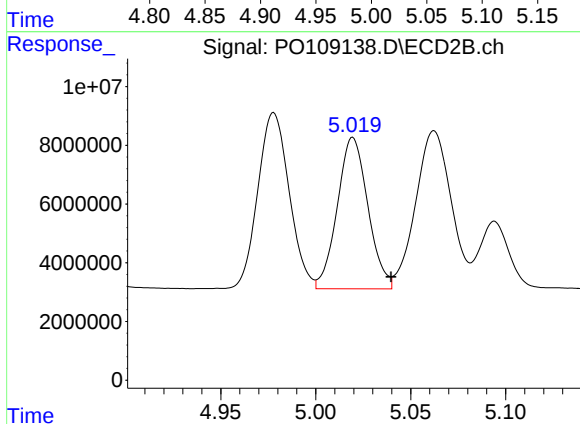
#5 AR-1016-3

R.T.: 4.978 min
Delta R.T.: -0.020 min
Response: 68762376
Conc: 527.41 ng/ml



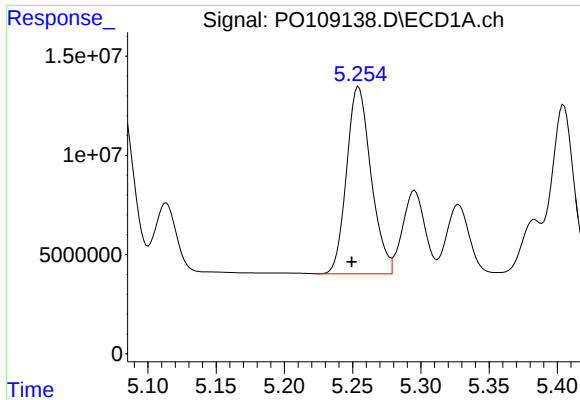
#6 AR-1016-4

R.T.: 4.996 min
Delta R.T.: 0.005 min
Response: 109169733
Conc: 572.08 ng/ml



#6 AR-1016-4

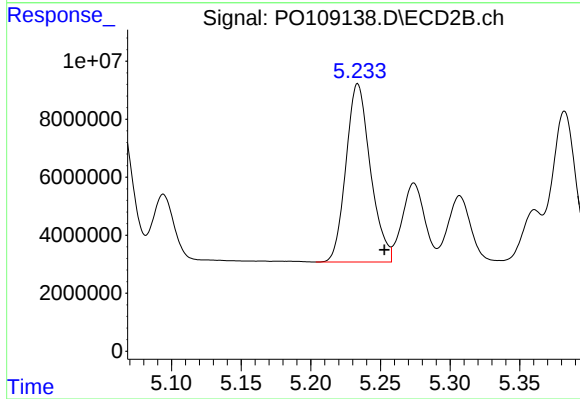
R.T.: 5.020 min
Delta R.T.: -0.020 min
Response: 57834125
Conc: 523.30 ng/ml



#7 AR-1016-5

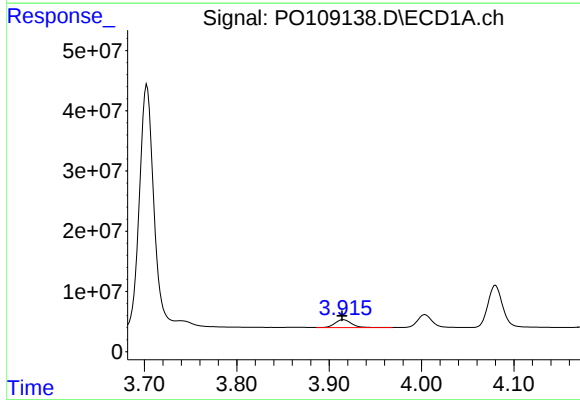
R.T.: 5.254 min
Delta R.T.: 0.005 min
Response: 117669665
Conc: 563.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



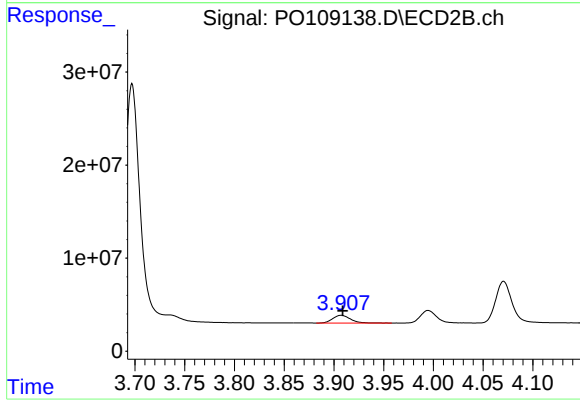
#7 AR-1016-5

R.T.: 5.234 min
Delta R.T.: -0.019 min
Response: 75020020
Conc: 522.63 ng/ml



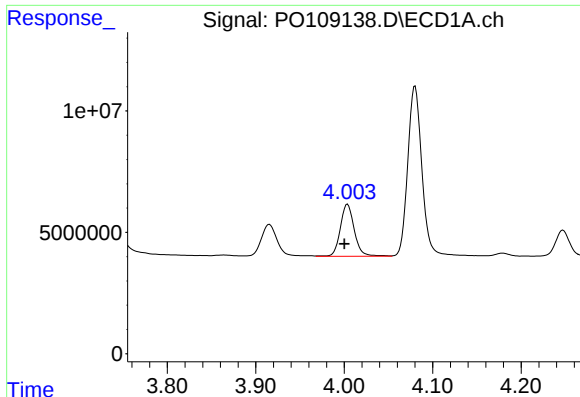
#8 AR-1221-1

R.T.: 3.915 min
Delta R.T.: 0.001 min
Response: 16426724
Conc: 164.10 ng/ml



#8 AR-1221-1

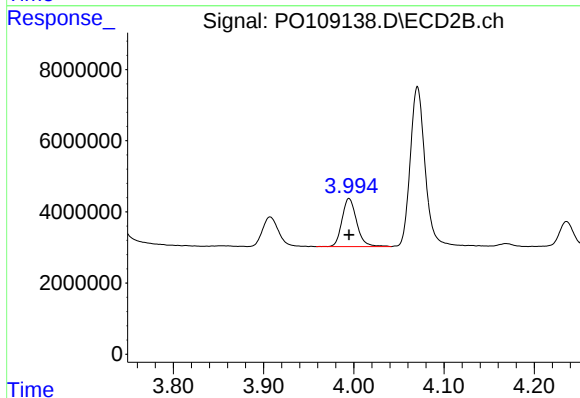
R.T.: 3.907 min
Delta R.T.: -0.002 min
Response: 10269551
Conc: 156.81 ng/ml



#9 AR-1221-2

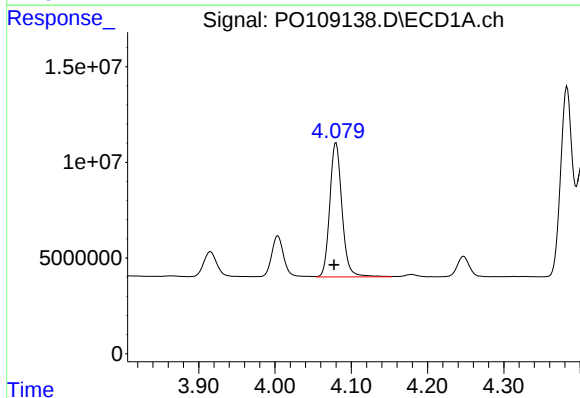
R.T.: 4.004 min
Delta R.T.: 0.003 min
Response: 23624044
Conc: 317.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



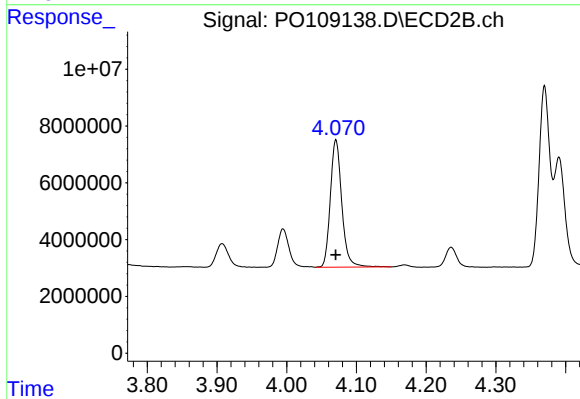
#9 AR-1221-2

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 15251885
Conc: 308.82 ng/ml



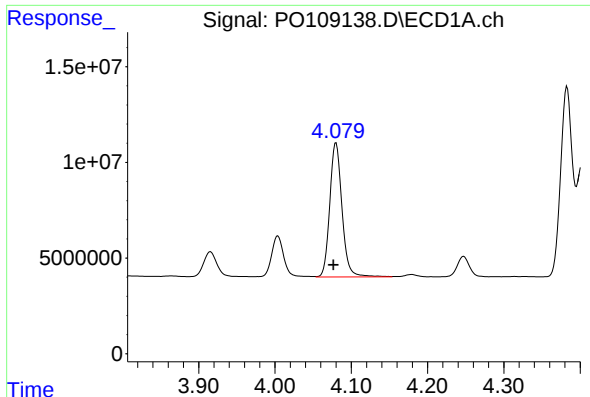
#10 AR-1221-3

R.T.: 4.080 min
Delta R.T.: 0.003 min
Response: 78252674
Conc: 376.19 ng/ml



#10 AR-1221-3

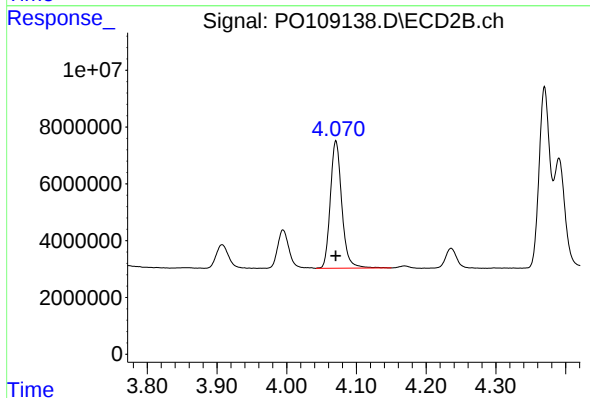
R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 51171642
Conc: 352.52 ng/ml



#11 AR-1232-1

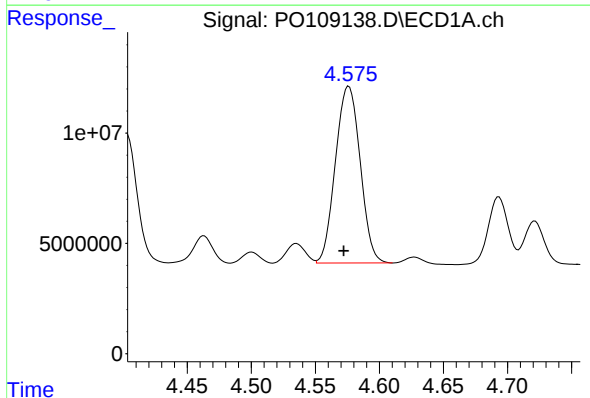
R.T.: 4.080 min
Delta R.T.: 0.003 min
Response: 78252674
Conc: 473.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



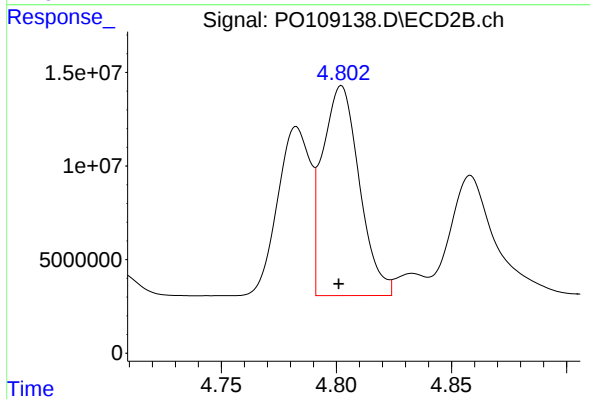
#11 AR-1232-1

R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 51171642
Conc: 443.01 ng/ml



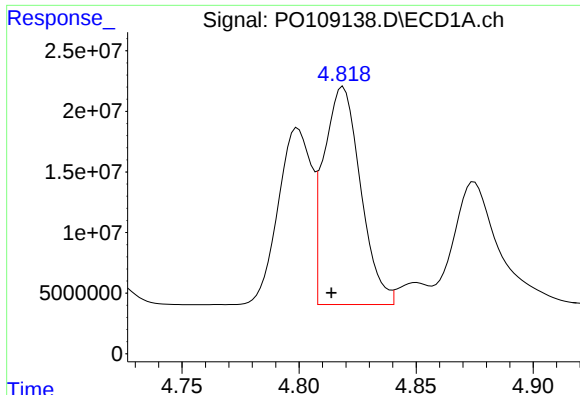
#12 AR-1232-2

R.T.: 4.576 min
Delta R.T.: 0.004 min
Response: 107549022
Conc: 1182.10 ng/ml



#12 AR-1232-2

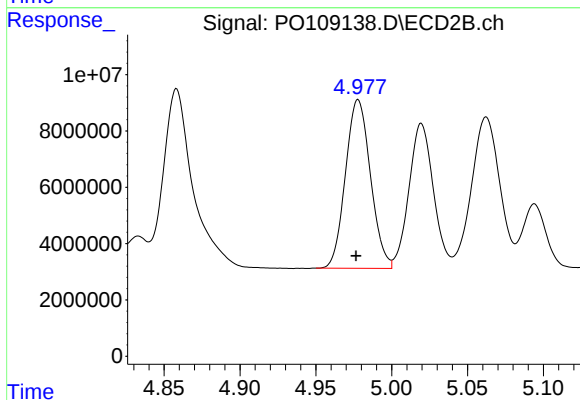
R.T.: 4.802 min
Delta R.T.: 0.001 min
Response: 124874956
Conc: 1146.56 ng/ml



#13 AR-1232-3

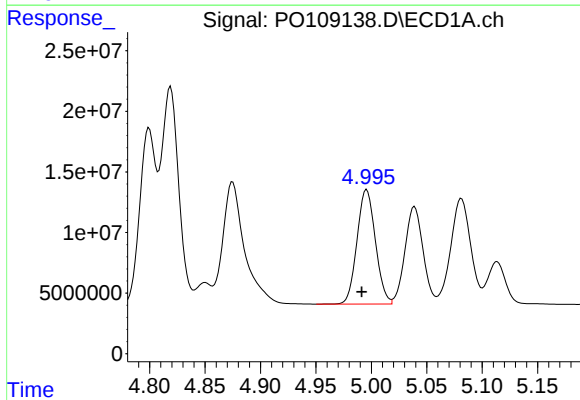
R.T.: 4.819 min
Delta R.T.: 0.005 min
Response: 196413775
Conc: 1226.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



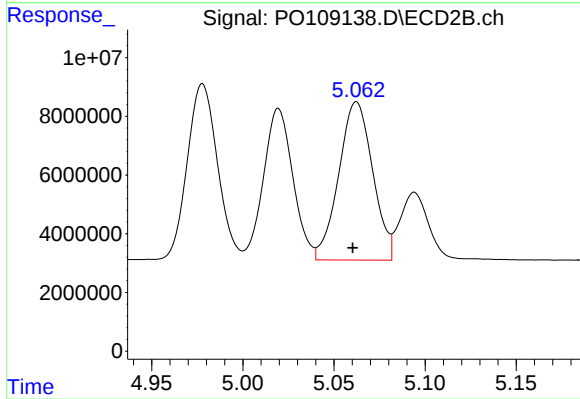
#13 AR-1232-3

R.T.: 4.978 min
Delta R.T.: 0.001 min
Response: 68762376
Conc: 1146.67 ng/ml



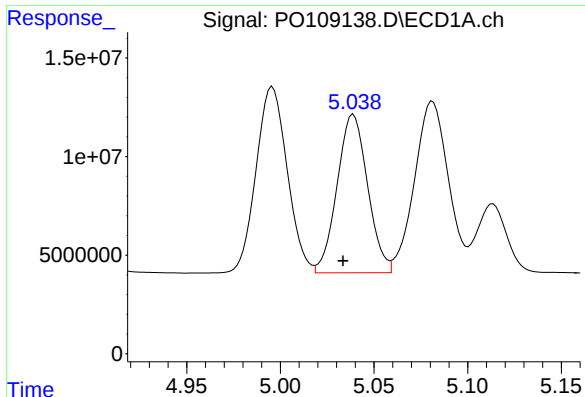
#14 AR-1232-4

R.T.: 4.996 min
Delta R.T.: 0.005 min
Response: 109169733
Conc: 1240.55 ng/ml



#14 AR-1232-4

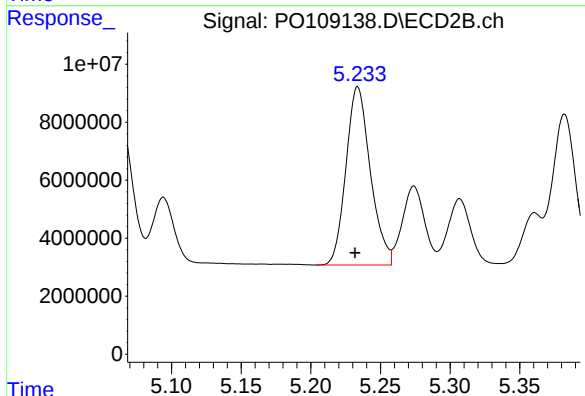
R.T.: 5.062 min
Delta R.T.: 0.002 min
Response: 69919860
Conc: 1221.05 ng/ml



#15 AR-1232-5

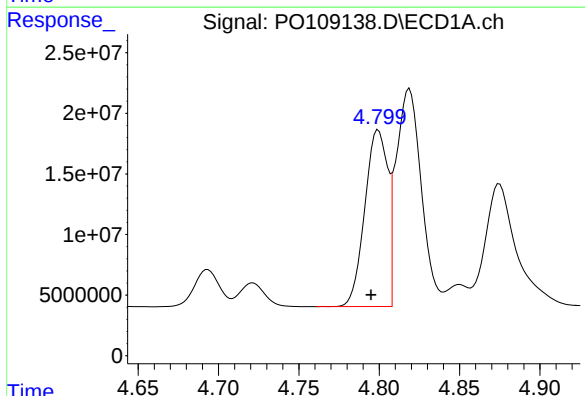
R.T.: 5.039 min
Delta R.T.: 0.005 min
Response: 91194734
Conc: 1406.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



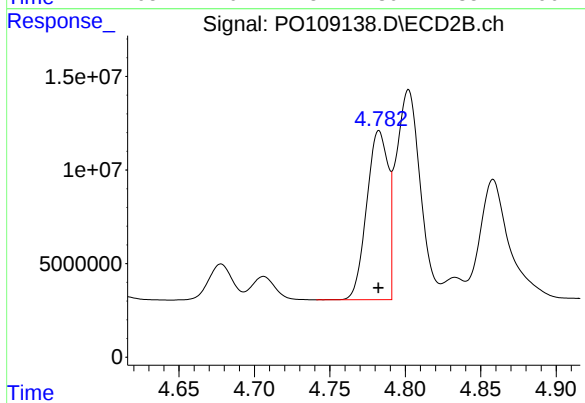
#15 AR-1232-5

R.T.: 5.234 min
Delta R.T.: 0.002 min
Response: 75020020
Conc: 1236.49 ng/ml



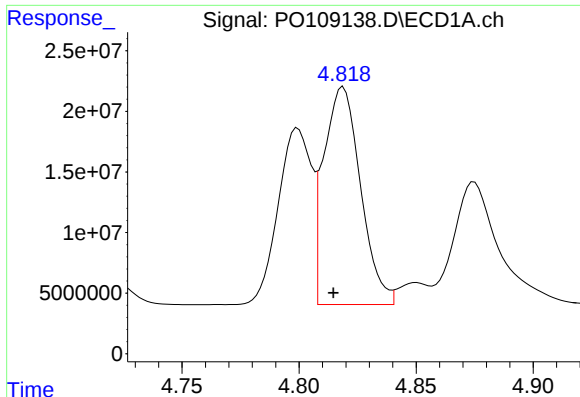
#16 AR-1242-1

R.T.: 4.799 min
Delta R.T.: 0.005 min
Response: 144011506
Conc: 677.89 ng/ml



#16 AR-1242-1

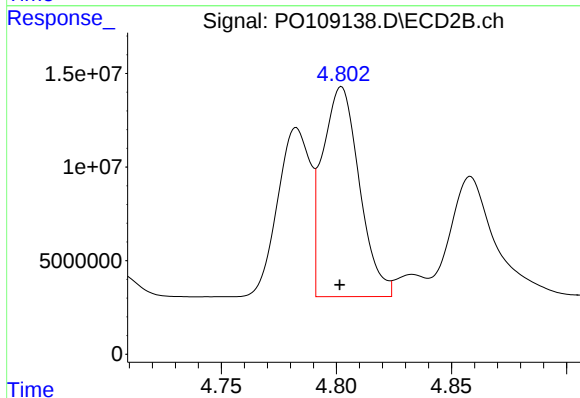
R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 89268154
Conc: 624.64 ng/ml



#17 AR-1242-2

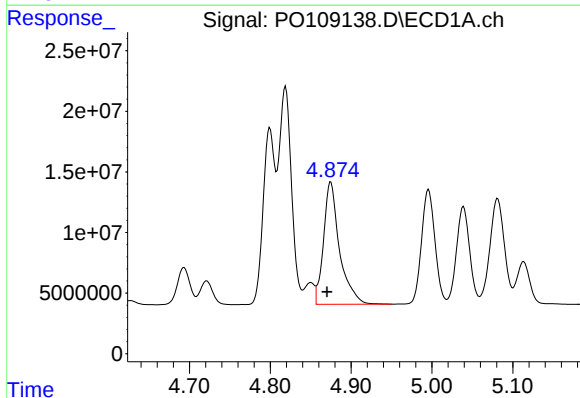
R.T.: 4.819 min
Delta R.T.: 0.004 min
Response: 196413775
Conc: 685.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



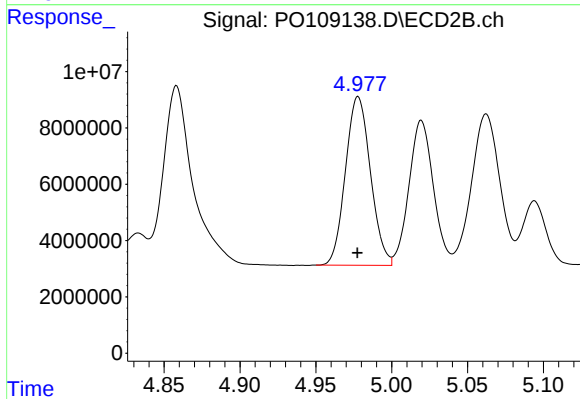
#17 AR-1242-2

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 124874956
Conc: 633.18 ng/ml



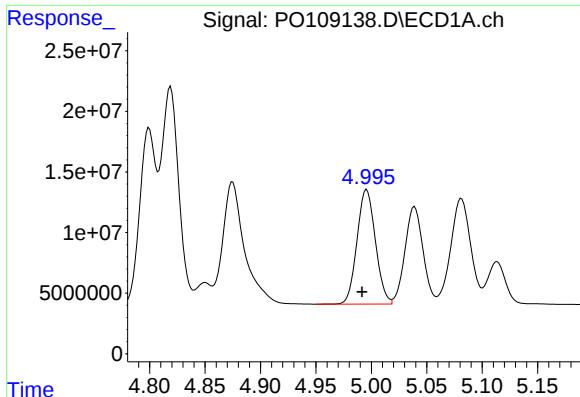
#18 AR-1242-3

R.T.: 4.875 min
Delta R.T.: 0.005 min
Response: 138762075
Conc: 677.85 ng/ml



#18 AR-1242-3

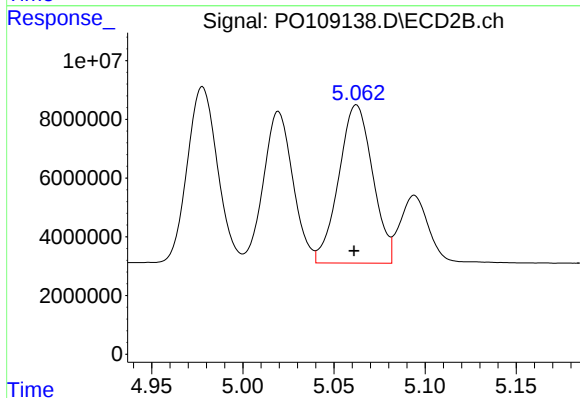
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 68762376
Conc: 630.60 ng/ml



#19 AR-1242-4

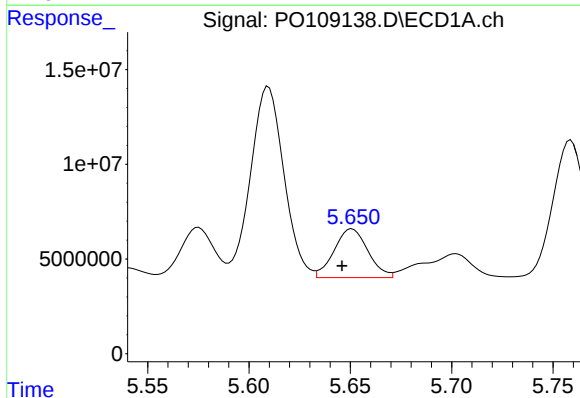
R.T.: 4.996 min
Delta R.T.: 0.004 min
Response: 109169733
Conc: 687.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



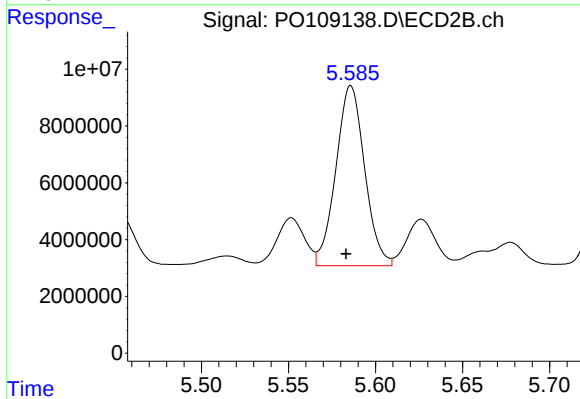
#19 AR-1242-4

R.T.: 5.062 min
Delta R.T.: 0.001 min
Response: 69919860
Conc: 615.25 ng/ml



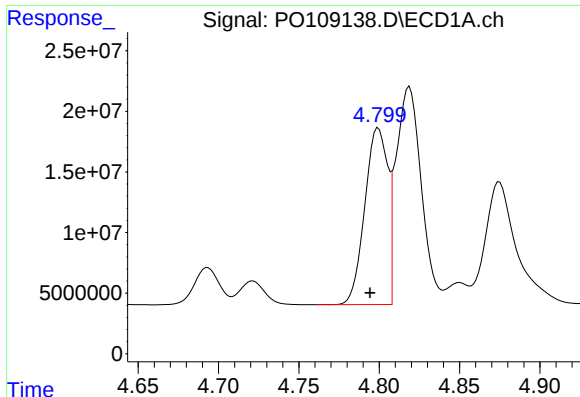
#20 AR-1242-5

R.T.: 5.651 min
Delta R.T.: 0.005 min
Response: 29873091
Conc: 178.85 ng/ml



#20 AR-1242-5

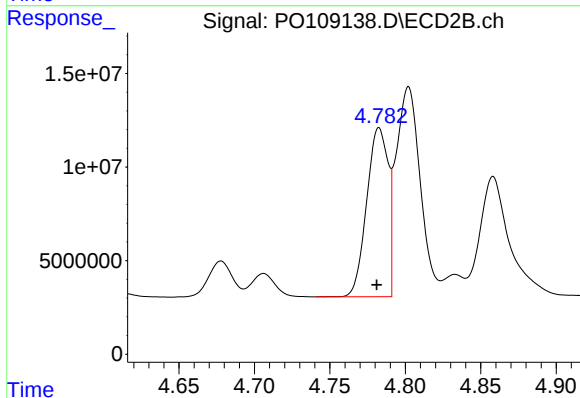
R.T.: 5.586 min
Delta R.T.: 0.003 min
Response: 72926143
Conc: 533.14 ng/ml



#21 AR-1248-1

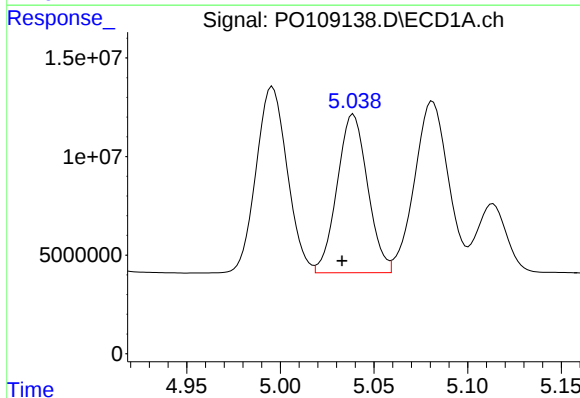
R.T.: 4.799 min
Delta R.T.: 0.005 min
Response: 144011506
Conc: 902.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



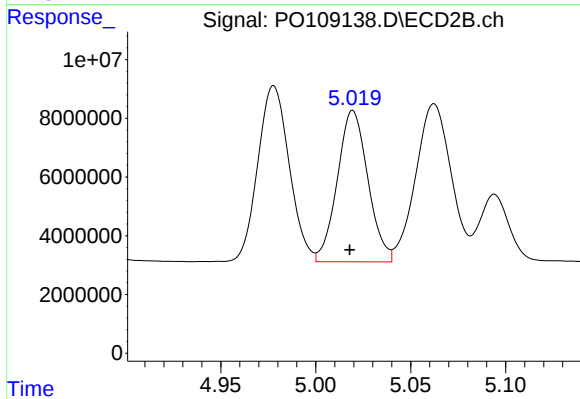
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: 0.002 min
Response: 89268154
Conc: 831.80 ng/ml



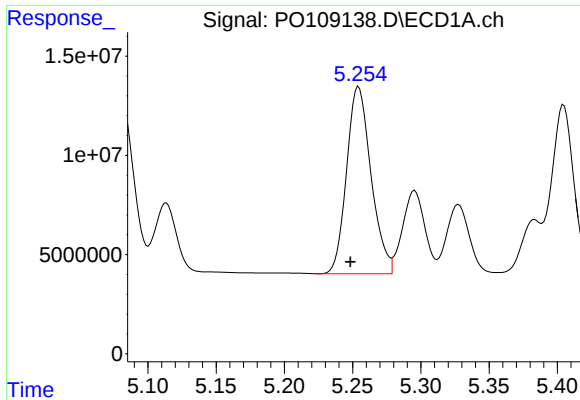
#22 AR-1248-2

R.T.: 5.039 min
Delta R.T.: 0.006 min
Response: 91194734
Conc: 408.05 ng/ml



#22 AR-1248-2

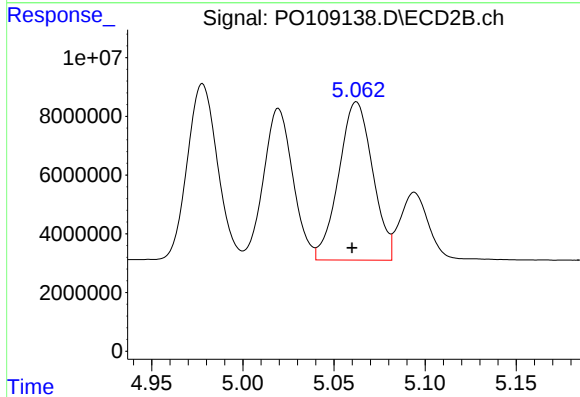
R.T.: 5.020 min
Delta R.T.: 0.002 min
Response: 57834125
Conc: 375.60 ng/ml



#23 AR-1248-3

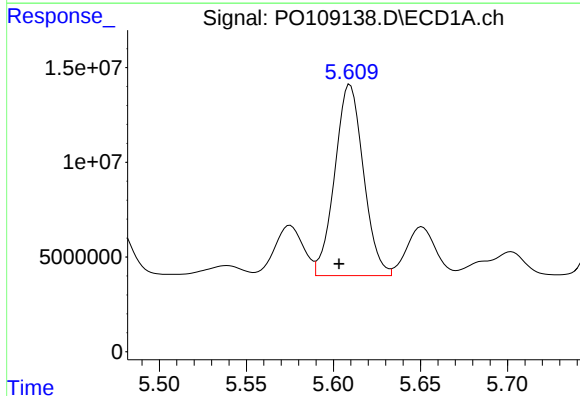
R.T.: 5.254 min
Delta R.T.: 0.006 min
Response: 117669665
Conc: 429.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



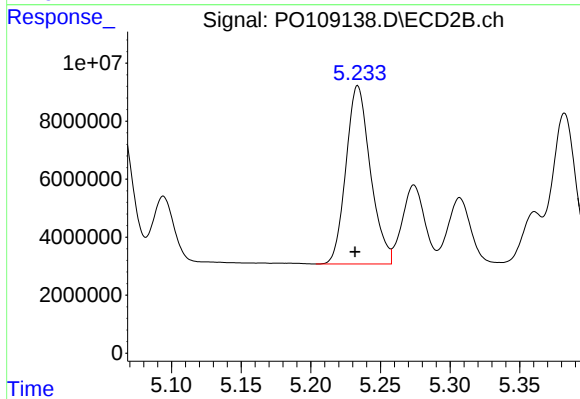
#23 AR-1248-3

R.T.: 5.062 min
Delta R.T.: 0.002 min
Response: 69919860
Conc: 422.80 ng/ml



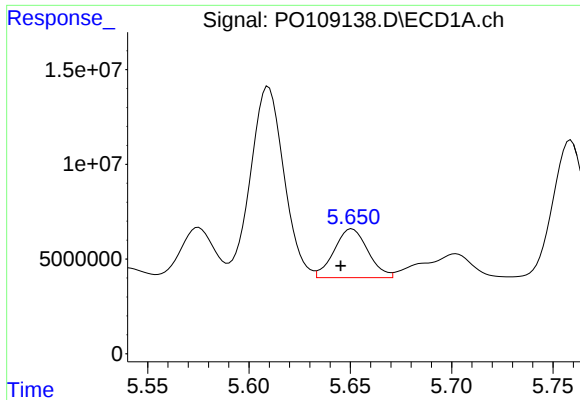
#24 AR-1248-4

R.T.: 5.610 min
Delta R.T.: 0.006 min
Response: 115551089
Conc: 300.49 ng/ml



#24 AR-1248-4

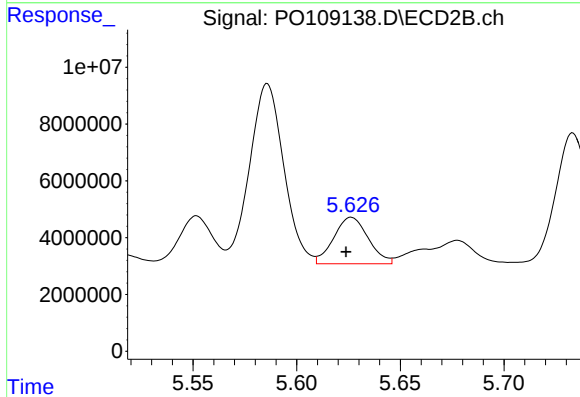
R.T.: 5.234 min
Delta R.T.: 0.002 min
Response: 75020020
Conc: 391.74 ng/ml



#25 AR-1248-5

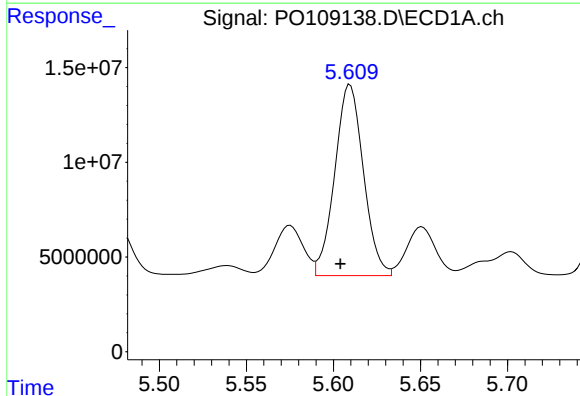
R.T.: 5.651 min
Delta R.T.: 0.006 min
Response: 29873091
Conc: 112.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



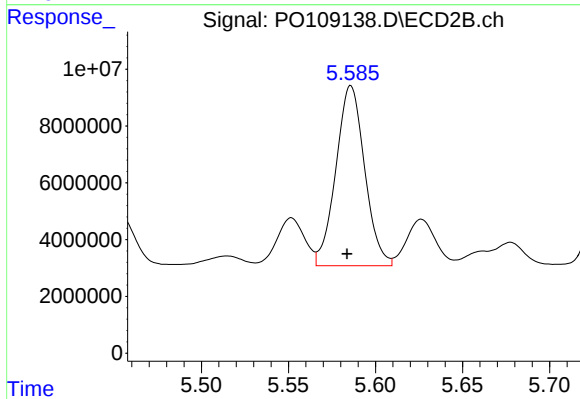
#25 AR-1248-5

R.T.: 5.626 min
Delta R.T.: 0.003 min
Response: 18966510
Conc: 103.52 ng/ml



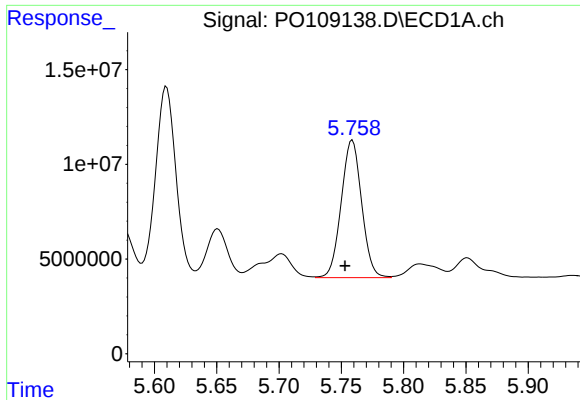
#26 AR-1254-1

R.T.: 5.610 min
Delta R.T.: 0.006 min
Response: 115551089
Conc: 279.43 ng/ml



#26 AR-1254-1

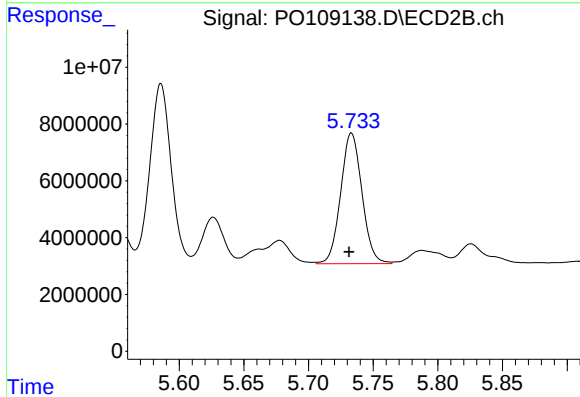
R.T.: 5.586 min
Delta R.T.: 0.002 min
Response: 72926143
Conc: 259.45 ng/ml



#27 AR-1254-2

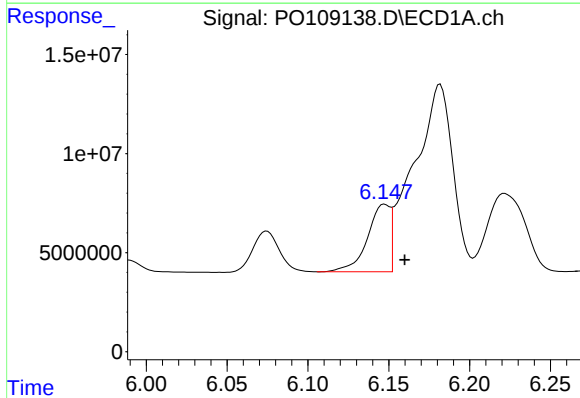
R.T.: 5.759 min
Delta R.T.: 0.006 min
Response: 83279209
Conc: 230.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



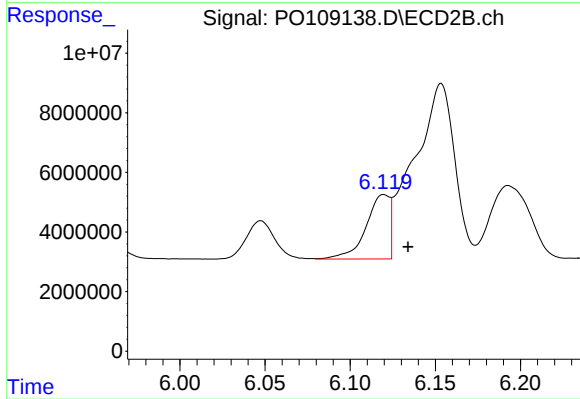
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: 0.002 min
Response: 52742087
Conc: 210.75 ng/ml



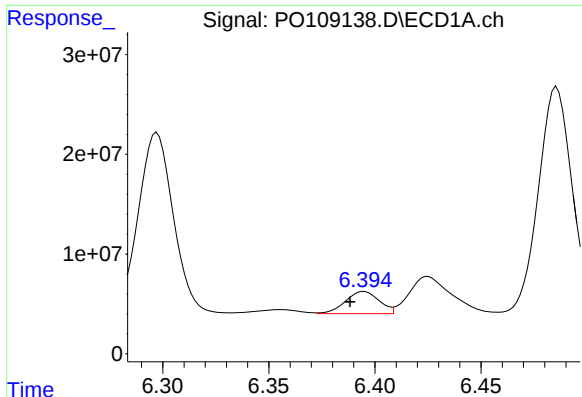
#28 AR-1254-3

R.T.: 6.148 min
Delta R.T.: -0.012 min
Response: 33040955
Conc: 58.57 ng/ml



#28 AR-1254-3

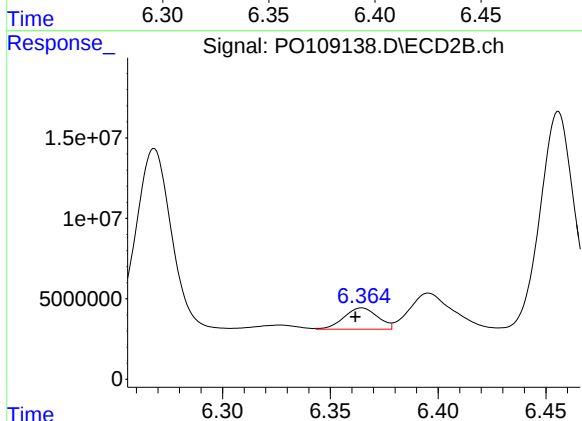
R.T.: 6.120 min
Delta R.T.: -0.014 min
Response: 20747664
Conc: 52.82 ng/ml



#29 AR-1254-4

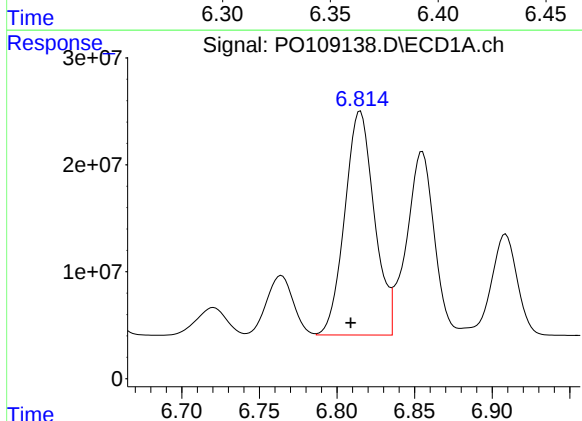
R.T.: 6.395 min
Delta R.T.: 0.006 min
Response: 24503379
Conc: 71.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



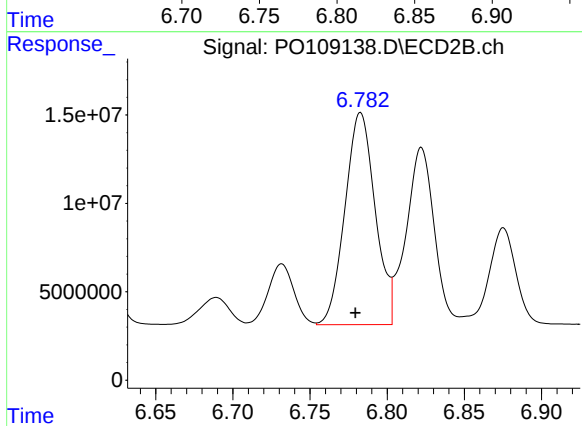
#29 AR-1254-4

R.T.: 6.365 min
Delta R.T.: 0.003 min
Response: 14369692
Conc: 65.21 ng/ml



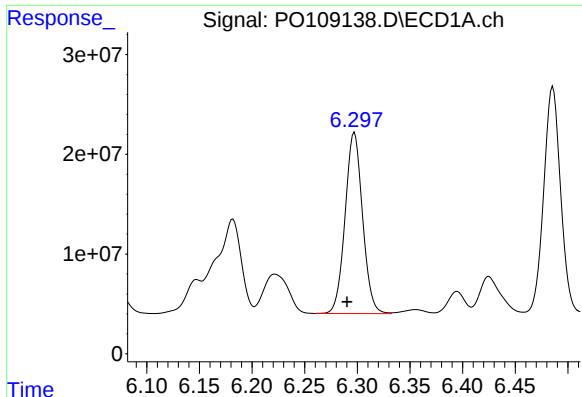
#30 AR-1254-5

R.T.: 6.815 min
Delta R.T.: 0.006 min
Response: 277676088
Conc: 541.18 ng/ml



#30 AR-1254-5

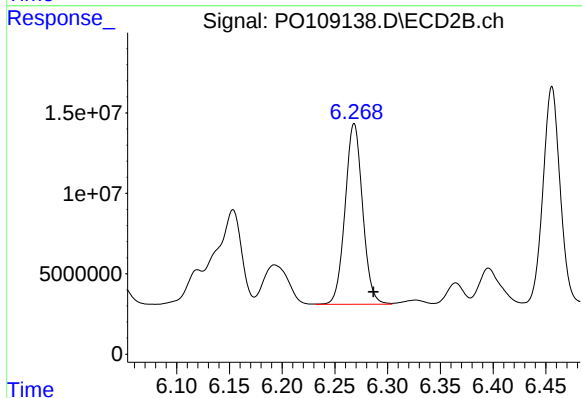
R.T.: 6.783 min
Delta R.T.: 0.003 min
Response: 163525121
Conc: 500.51 ng/ml



#31 AR-1260-1

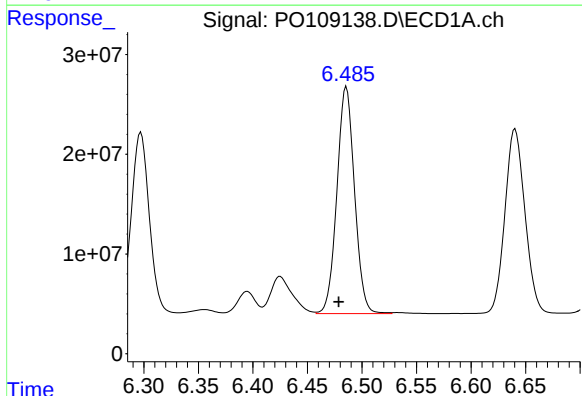
R.T.: 6.297 min
Delta R.T.: 0.007 min
Response: 210685313
Conc: 552.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



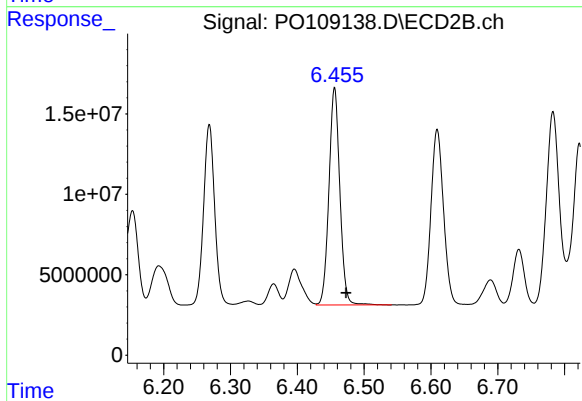
#31 AR-1260-1

R.T.: 6.268 min
Delta R.T.: -0.018 min
Response: 129673960
Conc: 514.48 ng/ml



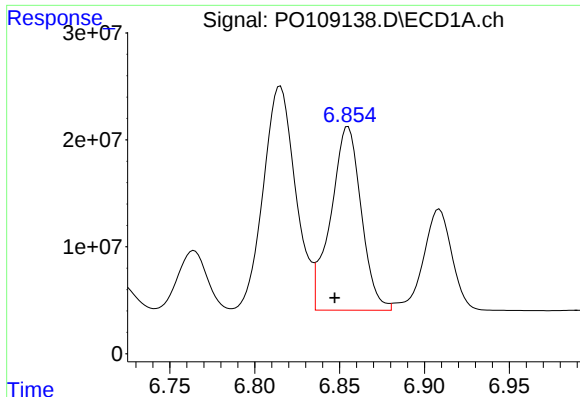
#32 AR-1260-2

R.T.: 6.486 min
Delta R.T.: 0.007 min
Response: 256154745
Conc: 545.50 ng/ml



#32 AR-1260-2

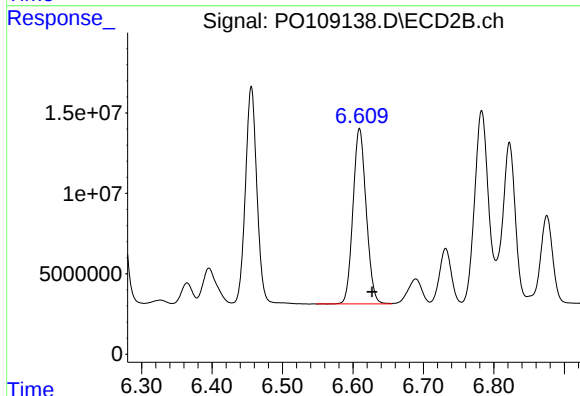
R.T.: 6.456 min
Delta R.T.: -0.017 min
Response: 153518895
Conc: 510.36 ng/ml



#33 AR-1260-3

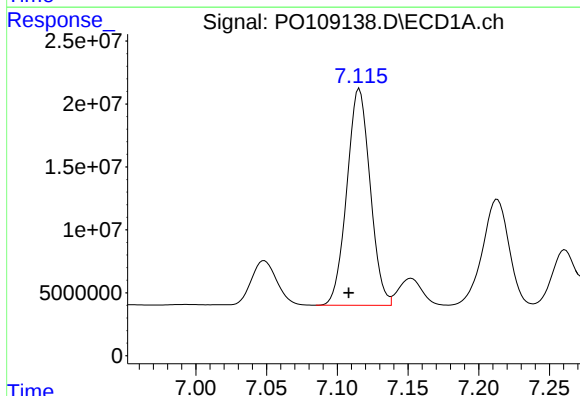
R.T.: 6.855 min
Delta R.T.: 0.008 min
Response: 214743556
Conc: 548.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



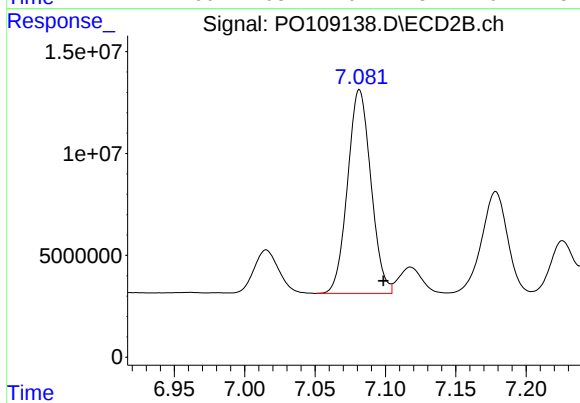
#33 AR-1260-3

R.T.: 6.609 min
Delta R.T.: -0.018 min
Response: 142029013
Conc: 510.19 ng/ml



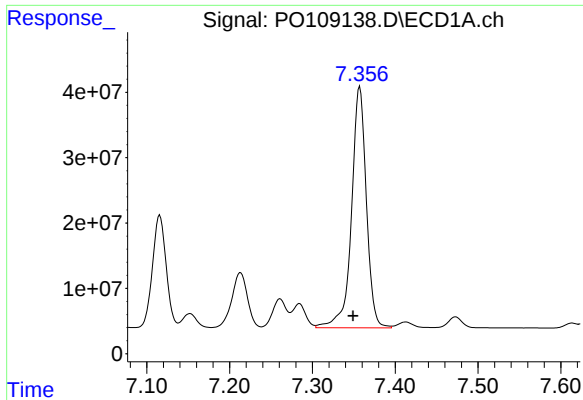
#34 AR-1260-4

R.T.: 7.116 min
Delta R.T.: 0.008 min
Response: 197183437
Conc: 550.86 ng/ml



#34 AR-1260-4

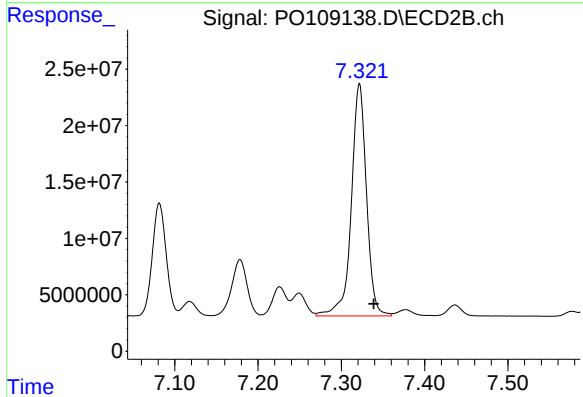
R.T.: 7.082 min
Delta R.T.: -0.017 min
Response: 115483266
Conc: 511.78 ng/ml



#35 AR-1260-5

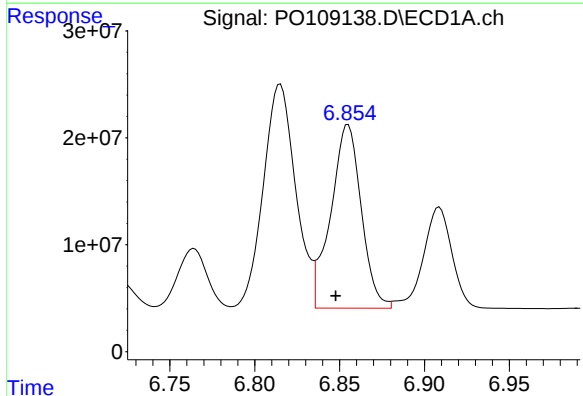
R.T.: 7.357 min
Delta R.T.: 0.008 min
Response: 460505761
Conc: 551.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



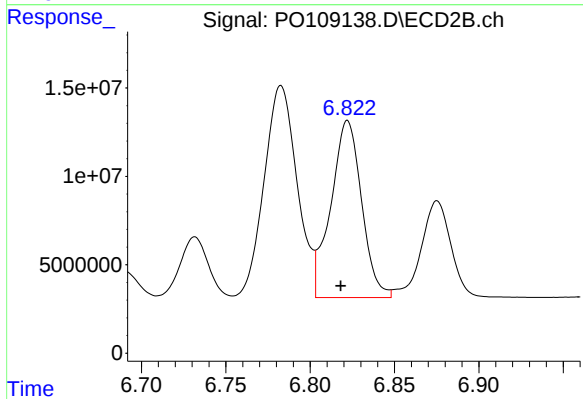
#35 AR-1260-5

R.T.: 7.322 min
Delta R.T.: -0.017 min
Response: 260518613
Conc: 520.33 ng/ml



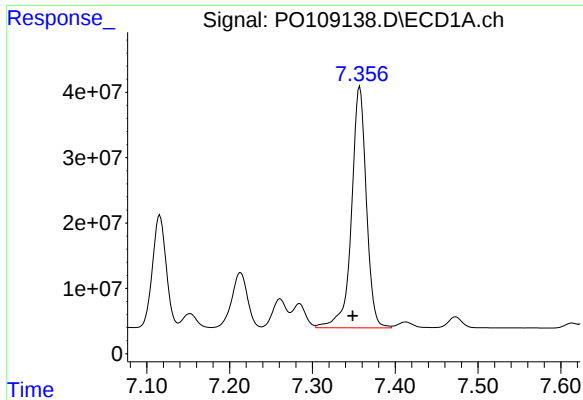
#36 AR-1262-1

R.T.: 6.855 min
Delta R.T.: 0.007 min
Response: 214743556
Conc: 402.13 ng/ml



#36 AR-1262-1

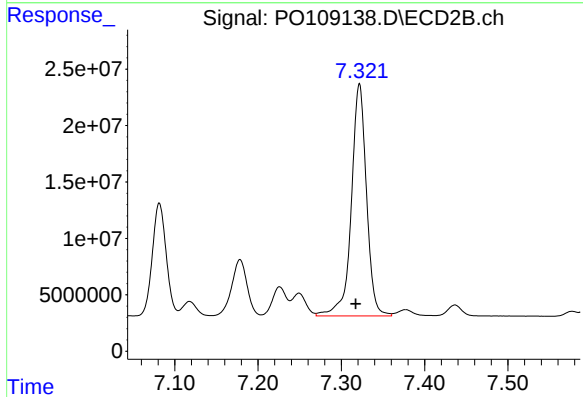
R.T.: 6.822 min
Delta R.T.: 0.004 min
Response: 127229326
Conc: 373.81 ng/ml



#37 AR-1262-2

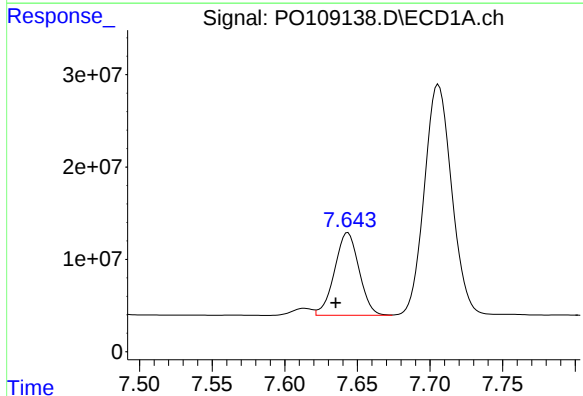
R.T.: 7.357 min
Delta R.T.: 0.008 min
Response: 460505761
Conc: 500.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



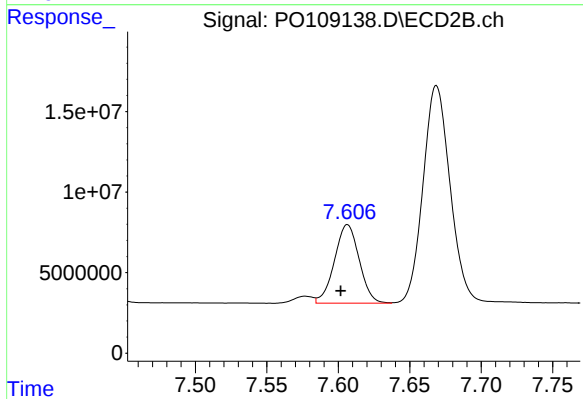
#37 AR-1262-2

R.T.: 7.322 min
Delta R.T.: 0.004 min
Response: 260518613
Conc: 469.74 ng/ml



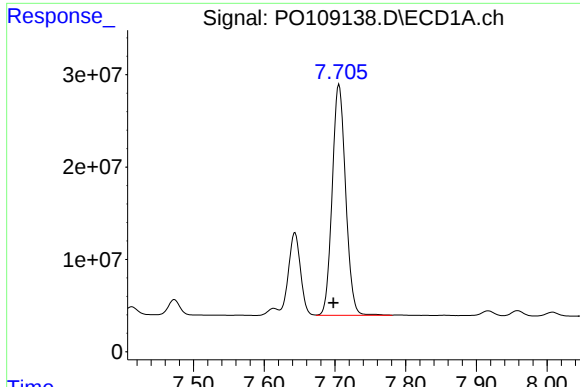
#38 AR-1262-3

R.T.: 7.643 min
Delta R.T.: 0.008 min
Response: 105376001
Conc: 289.04 ng/ml



#38 AR-1262-3

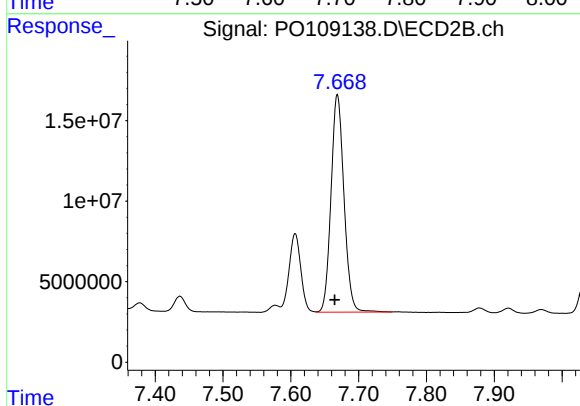
R.T.: 7.606 min
Delta R.T.: 0.005 min
Response: 58774899
Conc: 274.09 ng/ml



#39 AR-1262-4

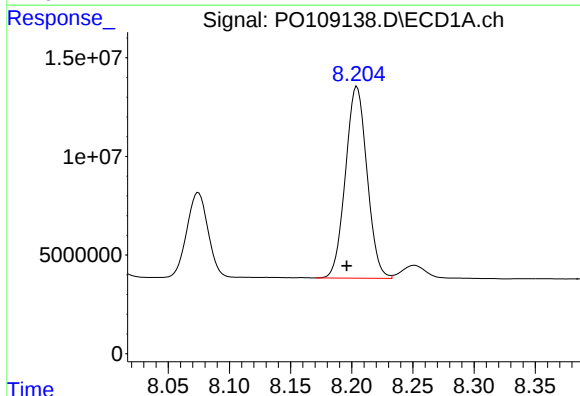
R.T.: 7.706 min
Delta R.T.: 0.008 min
Response: 329838877
Conc: 479.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



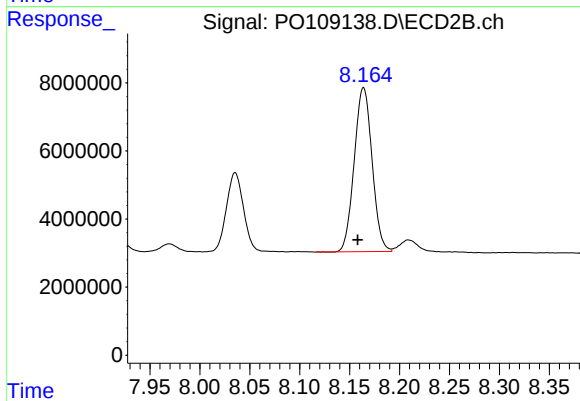
#39 AR-1262-4

R.T.: 7.669 min
Delta R.T.: 0.004 min
Response: 179231072
Conc: 457.35 ng/ml



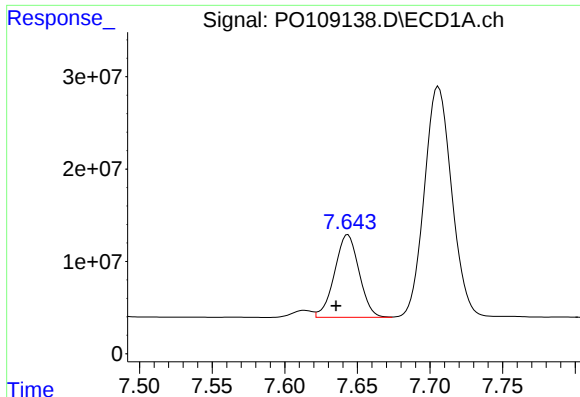
#40 AR-1262-5

R.T.: 8.204 min
Delta R.T.: 0.008 min
Response: 119134488
Conc: 394.33 ng/ml



#40 AR-1262-5

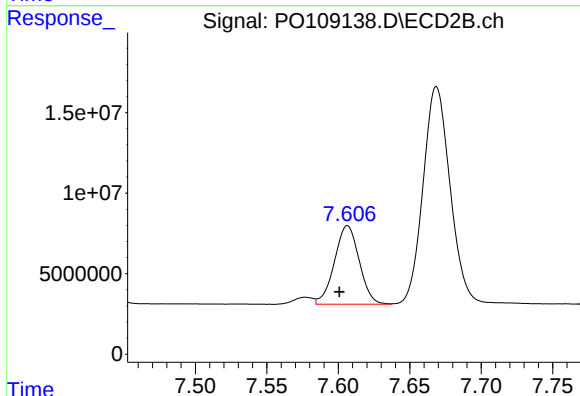
R.T.: 8.164 min
Delta R.T.: 0.006 min
Response: 59925832
Conc: 375.80 ng/ml



#41 AR-1268-1

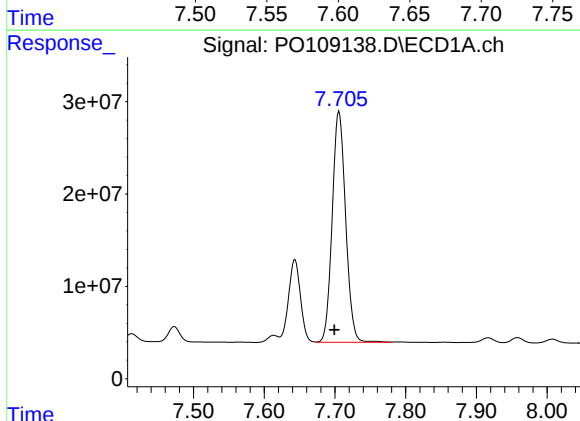
R.T.: 7.643 min
Delta R.T.: 0.008 min
Response: 105376001
Conc: 98.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



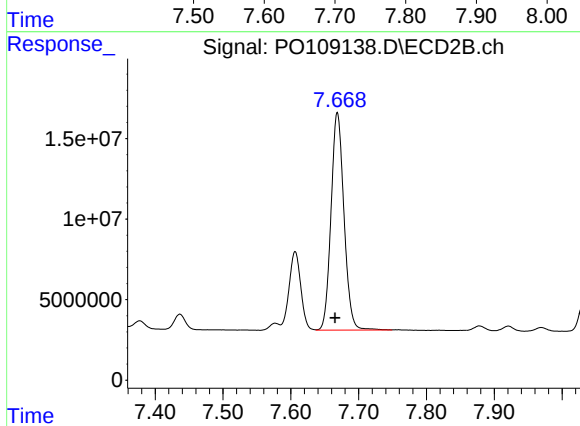
#41 AR-1268-1

R.T.: 7.606 min
Delta R.T.: 0.006 min
Response: 58774899
Conc: 93.37 ng/ml



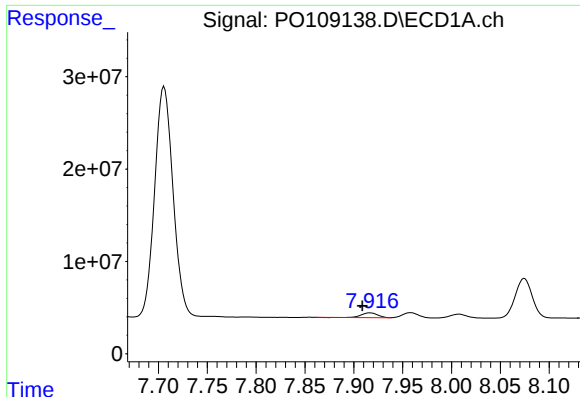
#42 AR-1268-2

R.T.: 7.706 min
Delta R.T.: 0.006 min
Response: 329838877
Conc: 340.35 ng/ml



#42 AR-1268-2

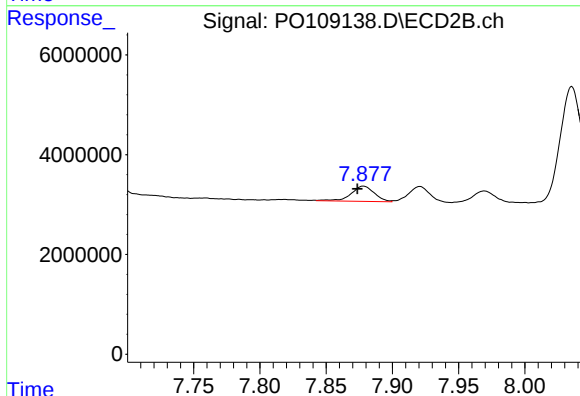
R.T.: 7.669 min
Delta R.T.: 0.003 min
Response: 179231072
Conc: 313.82 ng/ml



#43 AR-1268-3

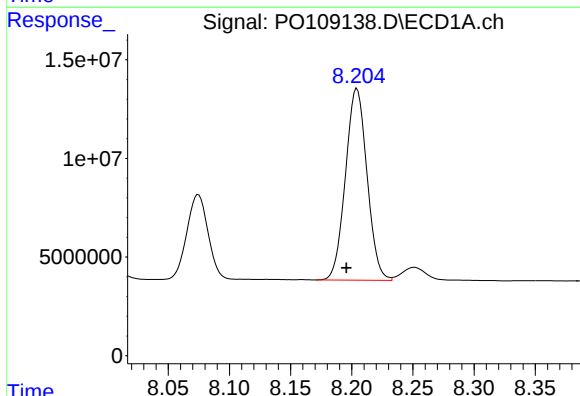
R.T.: 7.917 min
Delta R.T.: 0.008 min
Response: 6179828
Conc: 7.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



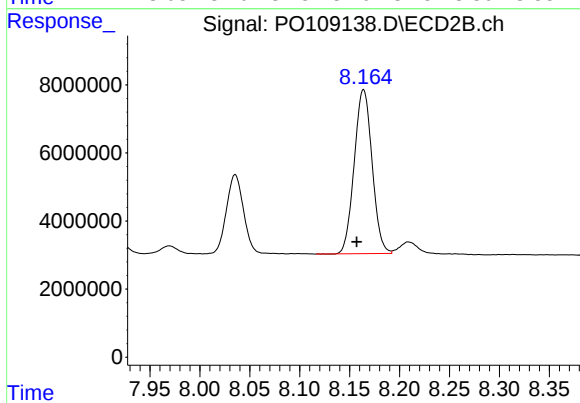
#43 AR-1268-3

R.T.: 7.878 min
Delta R.T.: 0.005 min
Response: 3722366
Conc: 8.08 ng/ml



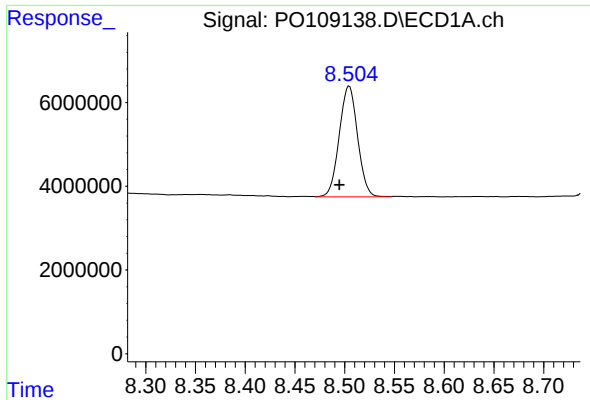
#44 AR-1268-4

R.T.: 8.204 min
Delta R.T.: 0.009 min
Response: 119134488
Conc: 347.77 ng/ml



#44 AR-1268-4

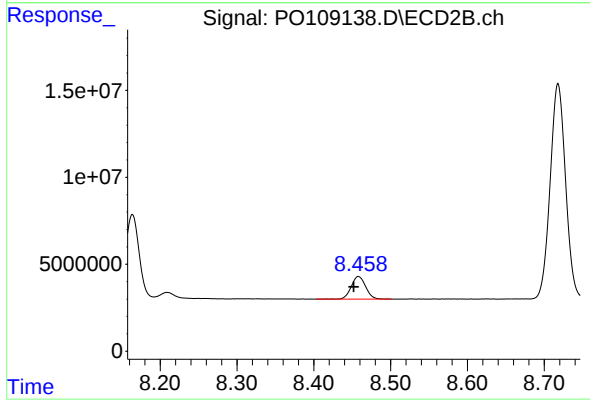
R.T.: 8.164 min
Delta R.T.: 0.007 min
Response: 59925832
Conc: 331.98 ng/ml



#45 AR-1268-5

R.T.: 8.505 min
Delta R.T.: 0.010 min
Response: 33878213
Conc: 14.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.458 min
Delta R.T.: 0.006 min
Response: 16931054
Conc: 14.15 ng/ml