

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111822\
 Data File : PO090755.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2022 12:35
 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: Nov 18 16:03:15 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...	4.301	3.478	159.3E6	47585021	49.574	44.773
2)	SA Decachlor...	10.050	8.485	120.6E6	44962658	49.198	43.656
Target Compounds							
3)	L1 AR-1016-1	5.478	4.582	52249524	24457886	491.217	633.184 #
4)	L1 AR-1016-2	5.500	4.582	75208455	24457886	493.711	457.215
5)	L1 AR-1016-3	5.562	4.758	46318627	13274468	490.205	457.222
6)	L1 AR-1016-4	5.661	4.801	37271385	11201811	497.030	451.268
7)	L1 AR-1016-5	5.959	5.014	37330574	14009406	483.676	456.047
8)	L2 AR-1221-1	4.506	3.691	5529741	1744228	144.869	130.555
9)	L2 AR-1221-2	4.599	3.777	7909577	2657661	278.229	261.868
10)	L2 AR-1221-3	4.675	3.853	29444812	9918660	343.861	318.844
11)	L3 AR-1232-1	4.675	3.853	29444812	9918660	449.652	416.915
12)	L3 AR-1232-2	5.207	4.582	40309567	24457886	1048.585	1020.642
13)	L3 AR-1232-3	5.500	4.758	75208455	13274468	1122.322	1045.328
14)	L3 AR-1232-4	5.661	4.843	37271385	13725691	1128.831	1125.748
15)	L3 AR-1232-5	5.754	5.014	32066288	14009406	1210.363	1049.251
16)	L4 AR-1242-1	5.478	4.564	52249524	17363817	631.483	583.232
17)	L4 AR-1242-2	5.500	4.582	75208455	24457886	636.812	601.301
18)	L4 AR-1242-3	5.562	4.758	46318627	13274468	622.255	600.318
19)	L4 AR-1242-4	5.661	4.843	37271385	13725691	639.749	578.810
20)	L4 AR-1242-5	6.404	5.368	5026986	11282384	81.780	394.420 #
21)	L5 AR-1248-1	5.478	4.582	52249524	24457886	826.115	1077.339 #
22)	L5 AR-1248-2	5.754	4.801	32066288	11201811	338.606	344.545
23)	L5 AR-1248-3	5.959	4.843	37330574	13725691	378.681	407.193
24)	L5 AR-1248-4	6.364	5.014	5174858	14009406	48.536	362.251 #
25)	L5 AR-1248-5	6.404	5.409	5026986	1713007	47.855	47.309
26)	L6 AR-1254-1	6.339	5.368	28781766	11282384	248.339	191.534
27)	L6 AR-1254-2	6.559	5.517	30449592	10972766	175.065	204.791
28)	L6 AR-1254-3	6.927	5.938	15346850	19017152	88.401	229.447 #
29)	L6 AR-1254-4	7.215	6.151	9697417	1954592	76.078	39.356 #
30)	L6 AR-1254-5	7.636	6.571	90531580	36468184	642.708	487.051
31)	L7 AR-1260-1	7.093	6.053	66555631	26760312	474.769	444.514
32)	L7 AR-1260-2	7.352	6.243	76085736	31913694	470.304	441.758
33)	L7 AR-1260-3	7.714	6.396	49228590	29398004	468.596	441.188
34)	L7 AR-1260-4	7.940	6.870	59157803	22028551	478.849	433.001
35)	L7 AR-1260-5	8.257	7.115	115.8E6	50298220	508.820	433.039
36)	L8 AR-1262-1	7.714	6.611	49228590	23198667	296.970	306.162
37)	L8 AR-1262-2	8.257	7.115	115.8E6	50298220	412.107	392.247
38)	L8 AR-1262-3	8.577	7.399	72201630	10291826	367.715	188.985 #
39)	L8 AR-1262-4	8.652	7.462	15897155	36757102	163.376	378.469 #
40)	L8 AR-1262-5	9.303	7.960	28368140	11638963	269.220	245.235
41)	L9 AR-1268-1	8.577	7.399	72201630	10291826	207.096	65.324 #

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 ALS Vial : 3 Sample Multiplier: 1

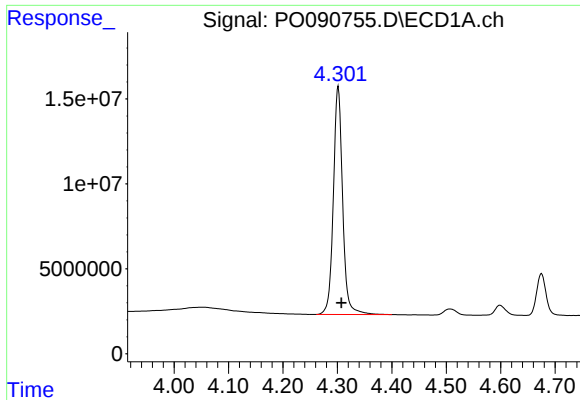
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 16:03:15 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
42) L9	AR-1268-2	8.652	7.462	15897155	36757102	50.958	261.976 #
43) L9	AR-1268-3	8.882	7.671	1834388	879164	6.826	7.326
44) L9	AR-1268-4	9.303	7.960	28368140	11638963	243.460	214.307
45) L9	AR-1268-5	9.714	8.240	10056441	3897480	11.728	11.134

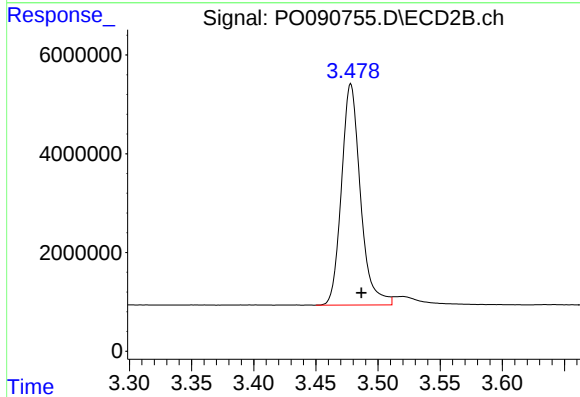
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

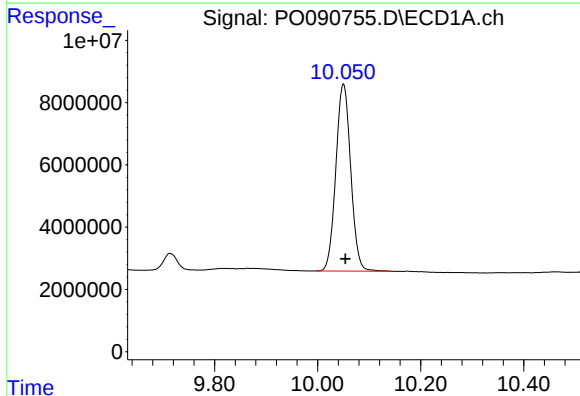
R.T.: 4.301 min
Delta R.T.: -0.006 min
Response: 159324712
Conc: 49.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



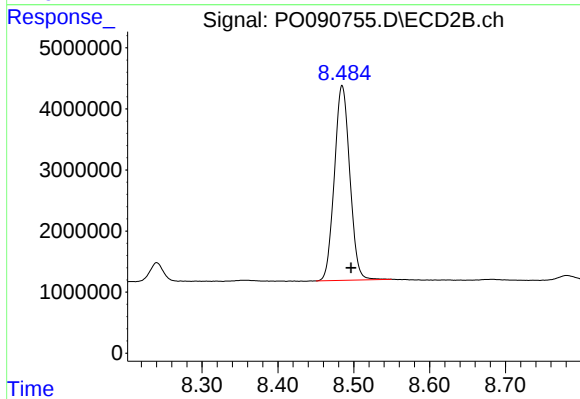
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: -0.009 min
Response: 47585021
Conc: 44.77 ng/ml



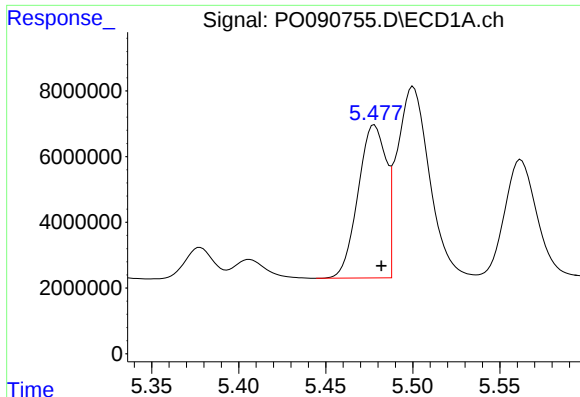
#2 Decachlorobiphenyl

R.T.: 10.050 min
Delta R.T.: -0.004 min
Response: 120562309
Conc: 49.20 ng/ml



#2 Decachlorobiphenyl

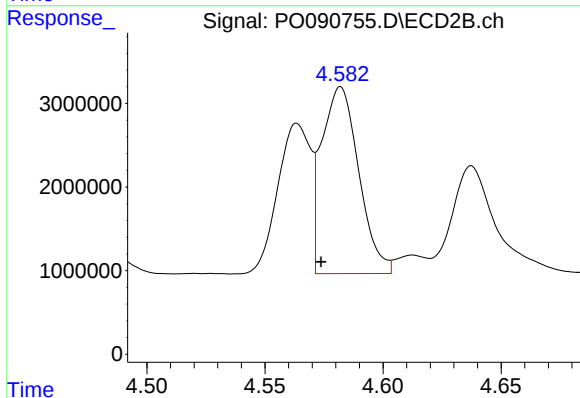
R.T.: 8.485 min
Delta R.T.: -0.012 min
Response: 44962658
Conc: 43.66 ng/ml



#3 AR-1016-1

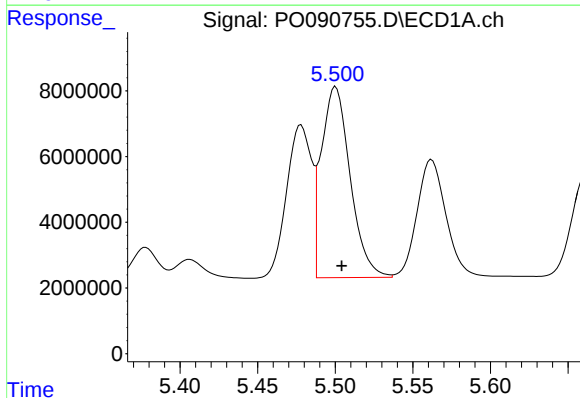
R.T.: 5.478 min
Delta R.T.: -0.004 min
Response: 52249524
Conc: 491.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



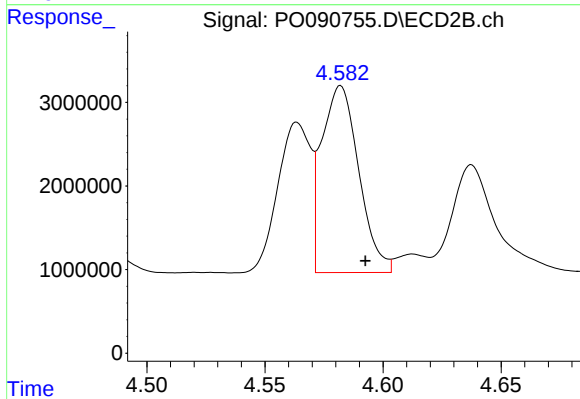
#3 AR-1016-1

R.T.: 4.582 min
Delta R.T.: 0.008 min
Response: 24457886
Conc: 633.18 ng/ml



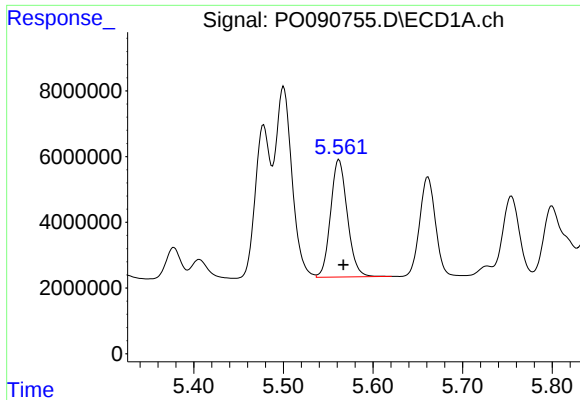
#4 AR-1016-2

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 75208455
Conc: 493.71 ng/ml



#4 AR-1016-2

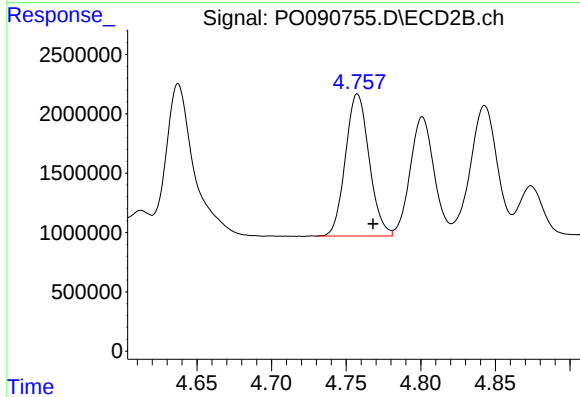
R.T.: 4.582 min
Delta R.T.: -0.011 min
Response: 24457886
Conc: 457.22 ng/ml



#5 AR-1016-3

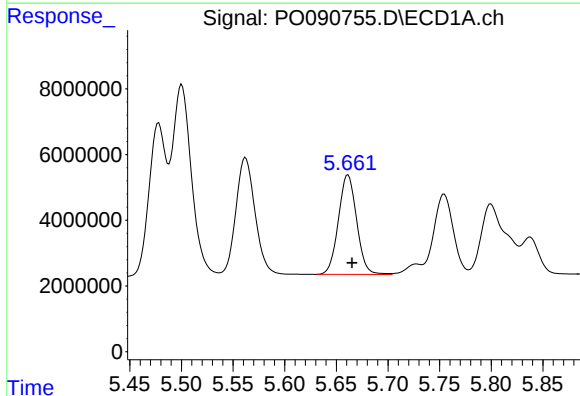
R.T.: 5.562 min
Delta R.T.: -0.005 min
Response: 46318627
Conc: 490.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



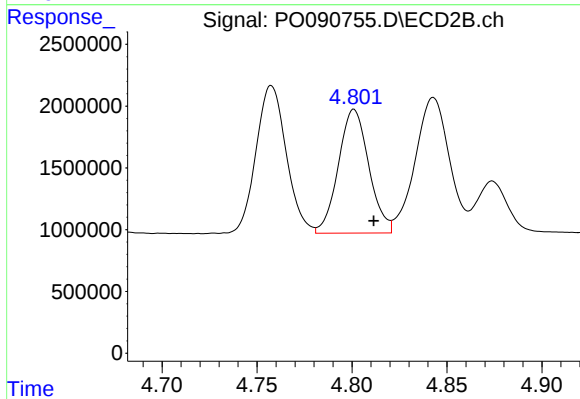
#5 AR-1016-3

R.T.: 4.758 min
Delta R.T.: -0.011 min
Response: 13274468
Conc: 457.22 ng/ml



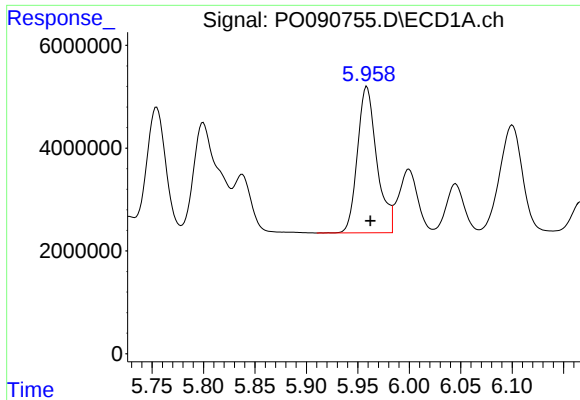
#6 AR-1016-4

R.T.: 5.661 min
Delta R.T.: -0.004 min
Response: 37271385
Conc: 497.03 ng/ml



#6 AR-1016-4

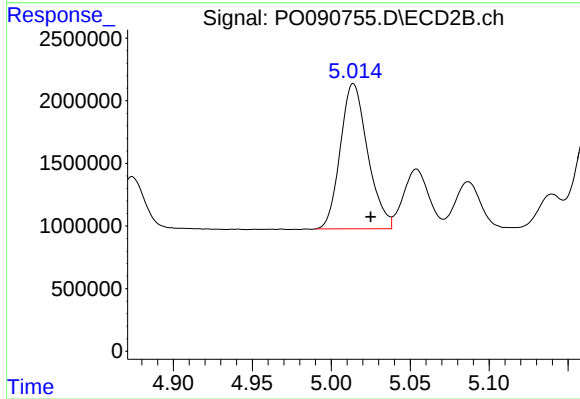
R.T.: 4.801 min
Delta R.T.: -0.010 min
Response: 11201811
Conc: 451.27 ng/ml



#7 AR-1016-5

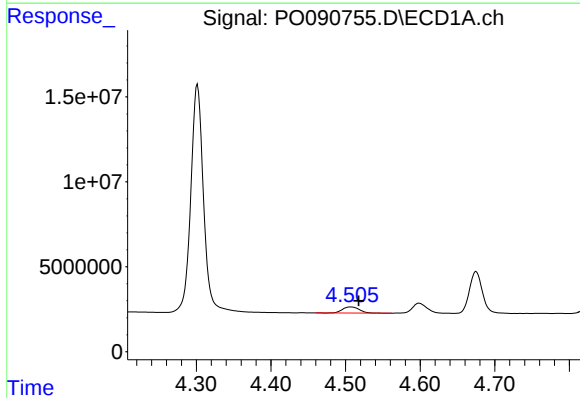
R.T.: 5.959 min
Delta R.T.: -0.003 min
Response: 37330574
Conc: 483.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



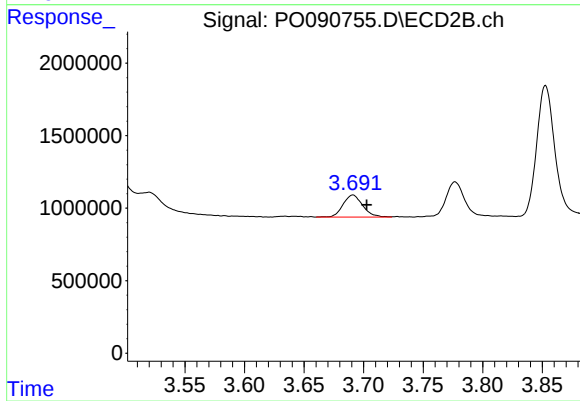
#7 AR-1016-5

R.T.: 5.014 min
Delta R.T.: -0.011 min
Response: 14009406
Conc: 456.05 ng/ml



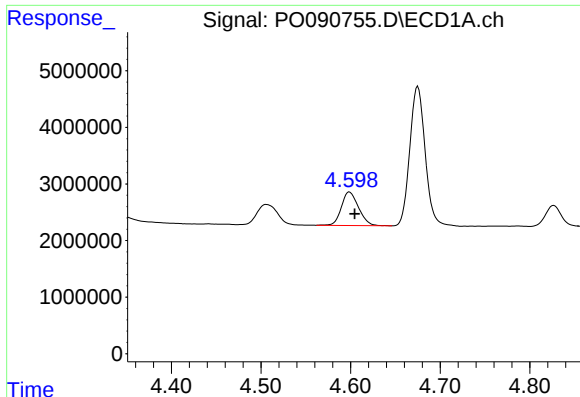
#8 AR-1221-1

R.T.: 4.506 min
Delta R.T.: -0.011 min
Response: 5529741
Conc: 144.87 ng/ml



#8 AR-1221-1

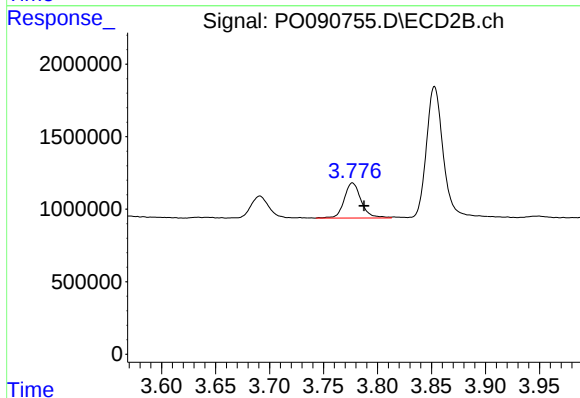
R.T.: 3.691 min
Delta R.T.: -0.012 min
Response: 1744228
Conc: 130.56 ng/ml



#9 AR-1221-2

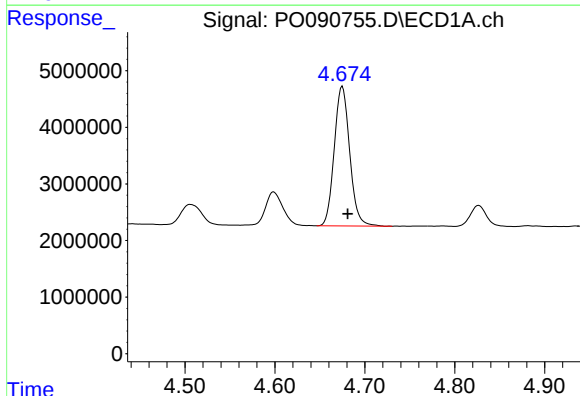
R.T.: 4.599 min
Delta R.T.: -0.006 min
Response: 7909577
Conc: 278.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



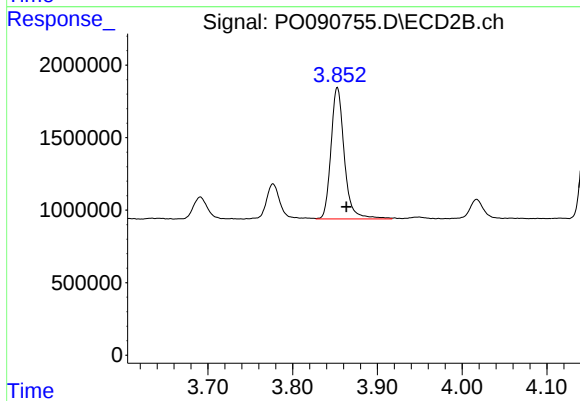
#9 AR-1221-2

R.T.: 3.777 min
Delta R.T.: -0.011 min
Response: 2657661
Conc: 261.87 ng/ml



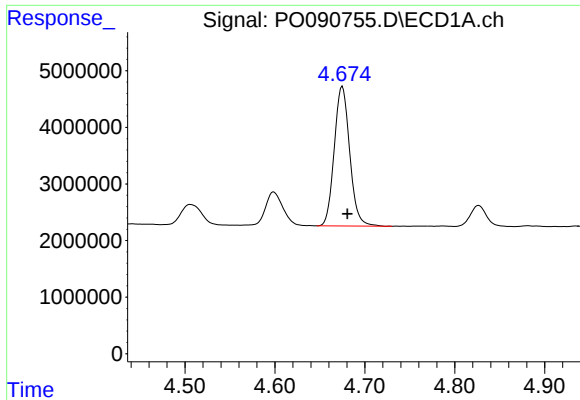
#10 AR-1221-3

R.T.: 4.675 min
Delta R.T.: -0.006 min
Response: 29444812
Conc: 343.86 ng/ml



#10 AR-1221-3

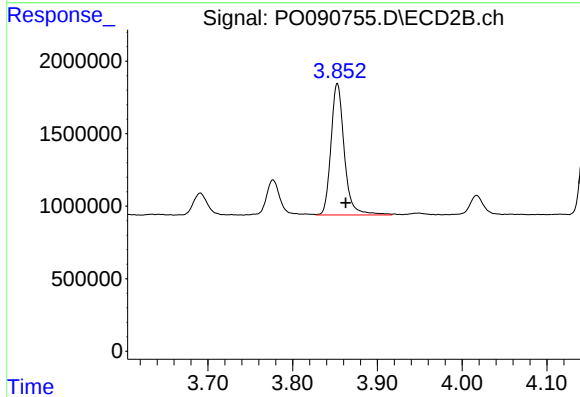
R.T.: 3.853 min
Delta R.T.: -0.011 min
Response: 9918660
Conc: 318.84 ng/ml



#11 AR-1232-1

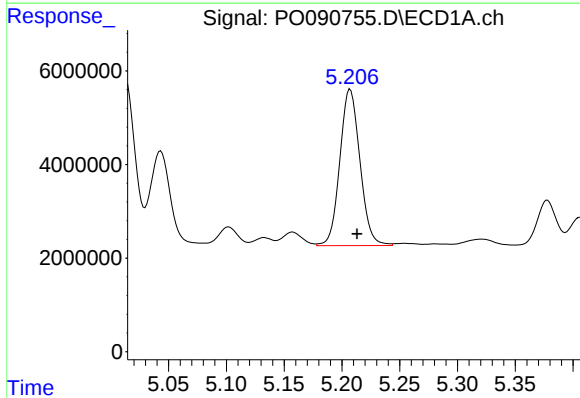
R.T.: 4.675 min
Delta R.T.: -0.006 min
Response: 29444812
Conc: 449.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



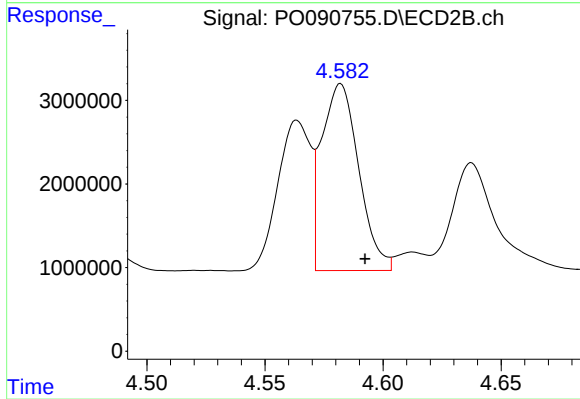
#11 AR-1232-1

R.T.: 3.853 min
Delta R.T.: -0.010 min
Response: 9918660
Conc: 416.92 ng/ml



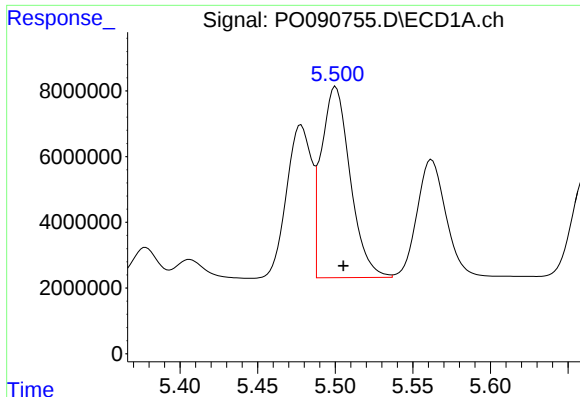
#12 AR-1232-2

R.T.: 5.207 min
Delta R.T.: -0.006 min
Response: 40309567
Conc: 1048.59 ng/ml



#12 AR-1232-2

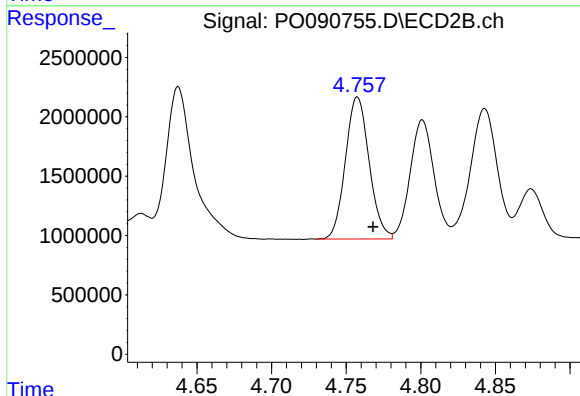
R.T.: 4.582 min
Delta R.T.: -0.010 min
Response: 24457886
Conc: 1020.64 ng/ml



#13 AR-1232-3

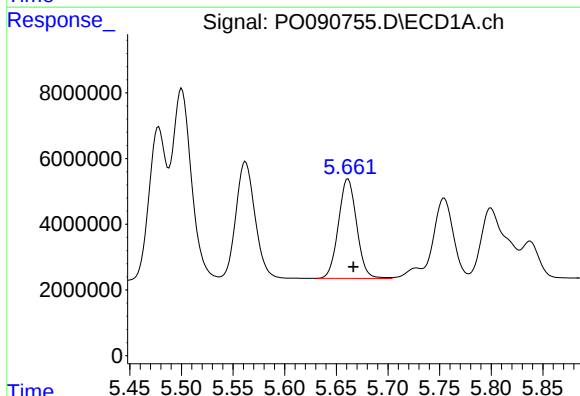
R.T.: 5.500 min
Delta R.T.: -0.005 min
Response: 75208455
Conc: 1122.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



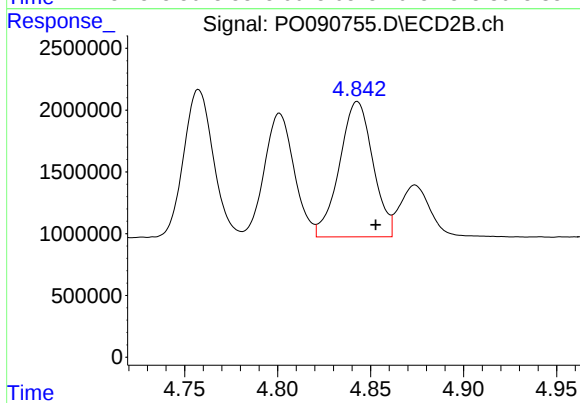
#13 AR-1232-3

R.T.: 4.758 min
Delta R.T.: -0.010 min
Response: 13274468
Conc: 1045.33 ng/ml



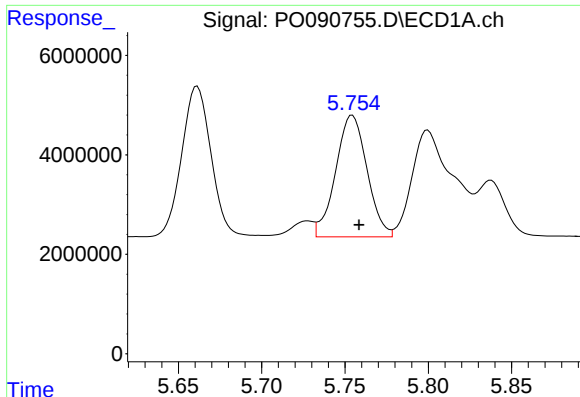
#14 AR-1232-4

R.T.: 5.661 min
Delta R.T.: -0.005 min
Response: 37271385
Conc: 1128.83 ng/ml



#14 AR-1232-4

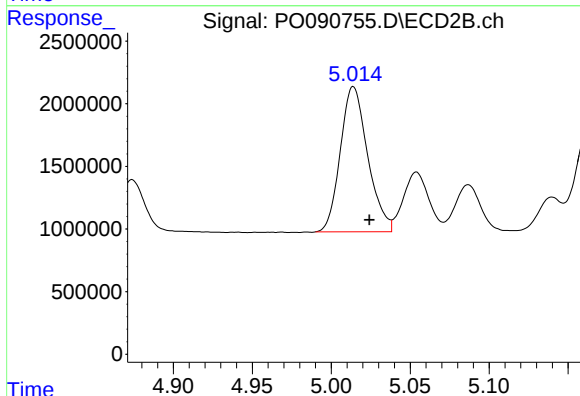
R.T.: 4.843 min
Delta R.T.: -0.010 min
Response: 13725691
Conc: 1125.75 ng/ml



#15 AR-1232-5

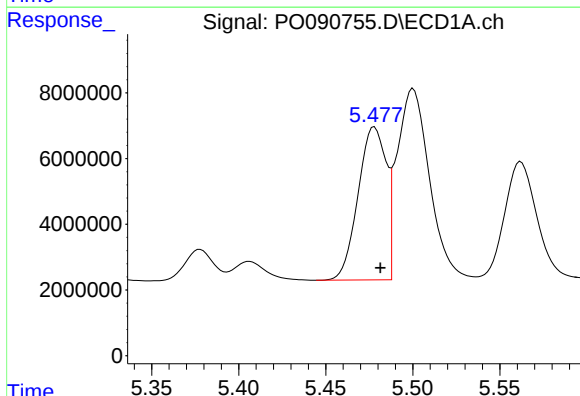
R.T.: 5.754 min
Delta R.T.: -0.004 min
Response: 32066288
Conc: 1210.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



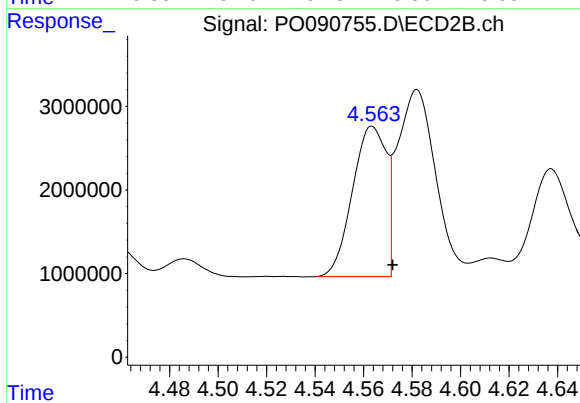
#15 AR-1232-5

R.T.: 5.014 min
Delta R.T.: -0.010 min
Response: 14009406
Conc: 1049.25 ng/ml



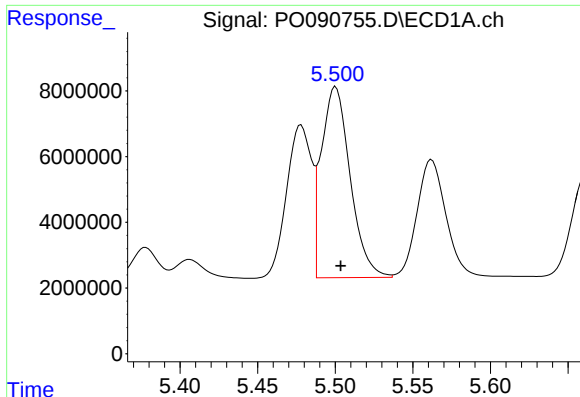
#16 AR-1242-1

R.T.: 5.478 min
Delta R.T.: -0.003 min
Response: 52249524
Conc: 631.48 ng/ml



#16 AR-1242-1

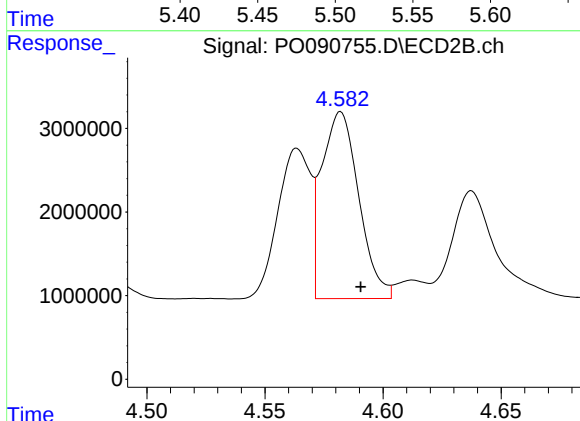
R.T.: 4.564 min
Delta R.T.: -0.008 min
Response: 17363817
Conc: 583.23 ng/ml



#17 AR-1242-2

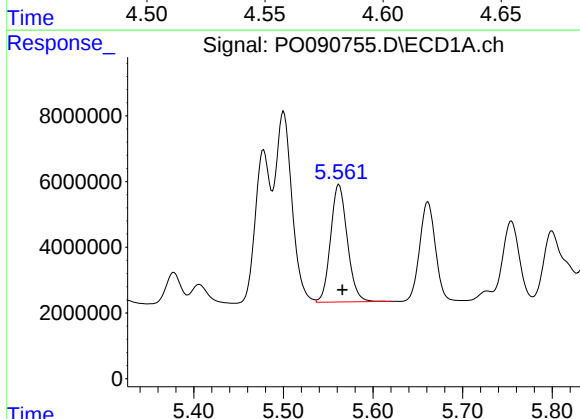
R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 75208455
Conc: 636.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



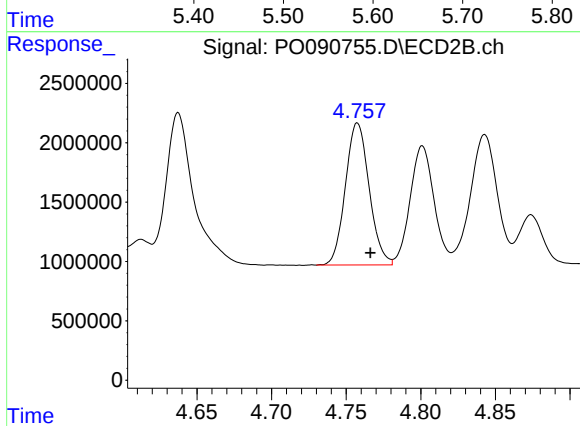
#17 AR-1242-2

R.T.: 4.582 min
Delta R.T.: -0.009 min
Response: 24457886
Conc: 601.30 ng/ml



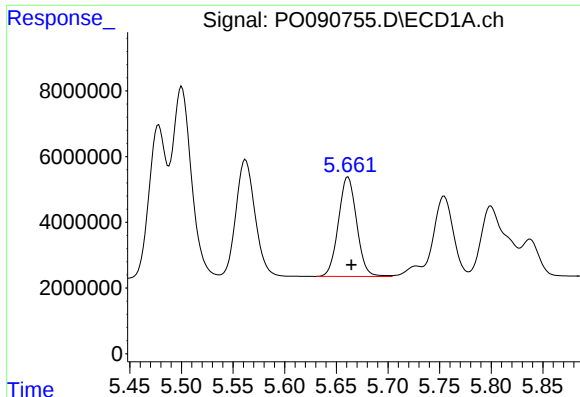
#18 AR-1242-3

R.T.: 5.562 min
Delta R.T.: -0.004 min
Response: 46318627
Conc: 622.25 ng/ml



#18 AR-1242-3

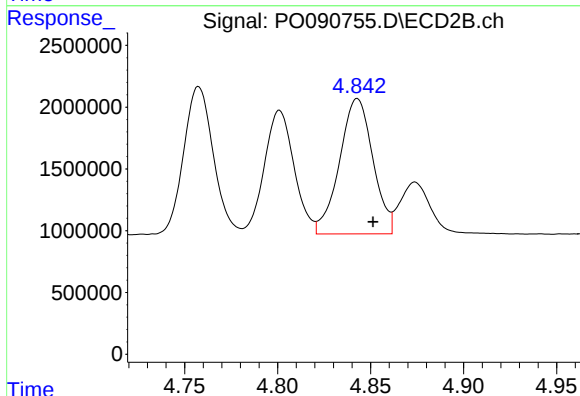
R.T.: 4.758 min
Delta R.T.: -0.009 min
Response: 13274468
Conc: 600.32 ng/ml



#19 AR-1242-4

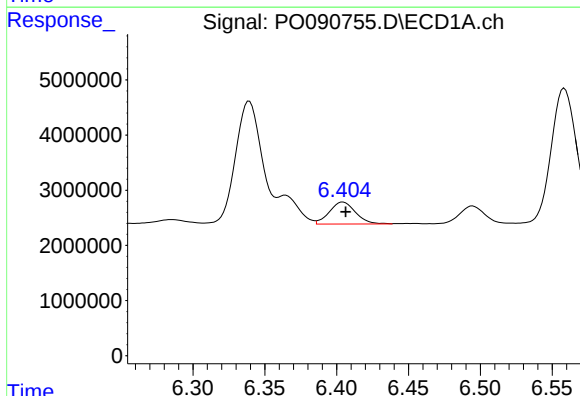
R.T.: 5.661 min
Delta R.T.: -0.003 min
Response: 37271385
Conc: 639.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



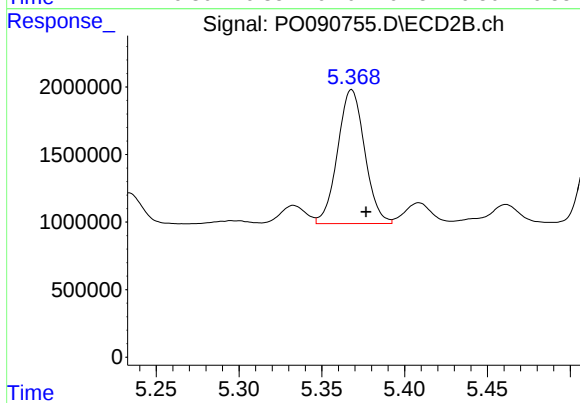
#19 AR-1242-4

R.T.: 4.843 min
Delta R.T.: -0.008 min
Response: 13725691
Conc: 578.81 ng/ml



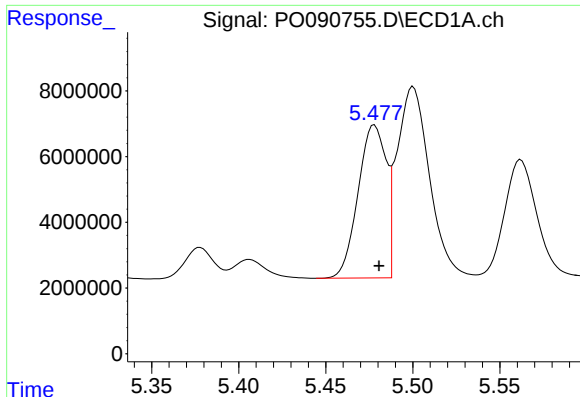
#20 AR-1242-5

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 5026986
Conc: 81.78 ng/ml



#20 AR-1242-5

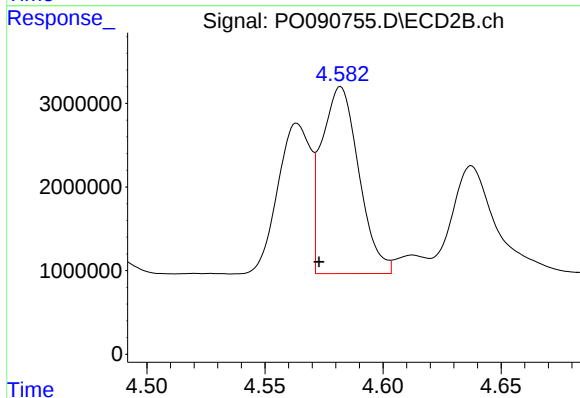
R.T.: 5.368 min
Delta R.T.: -0.009 min
Response: 11282384
Conc: 394.42 ng/ml



#21 AR-1248-1

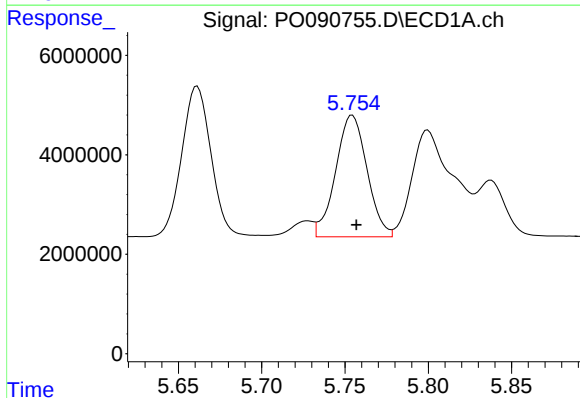
R.T.: 5.478 min
Delta R.T.: -0.003 min
Response: 52249524
Conc: 826.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



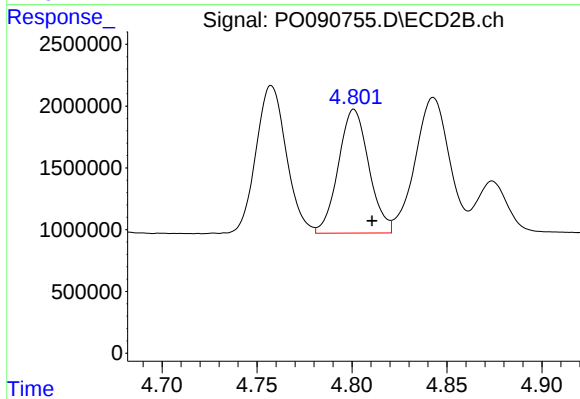
#21 AR-1248-1

R.T.: 4.582 min
Delta R.T.: 0.009 min
Response: 24457886
Conc: 1077.34 ng/ml



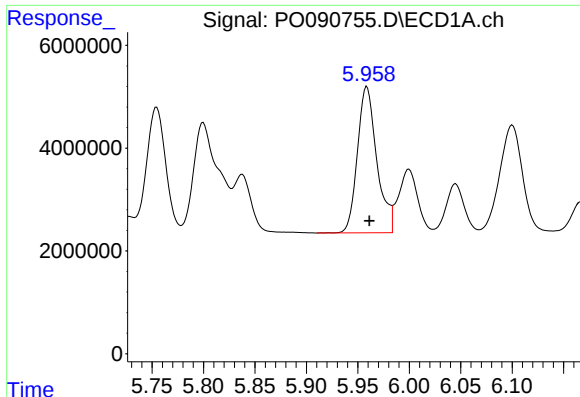
#22 AR-1248-2

R.T.: 5.754 min
Delta R.T.: -0.002 min
Response: 32066288
Conc: 338.61 ng/ml



#22 AR-1248-2

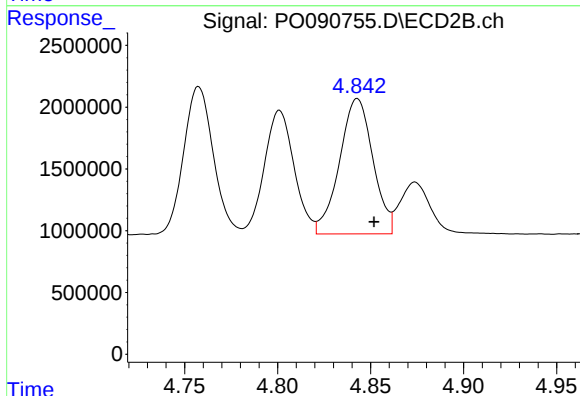
R.T.: 4.801 min
Delta R.T.: -0.010 min
Response: 11201811
Conc: 344.55 ng/ml



#23 AR-1248-3

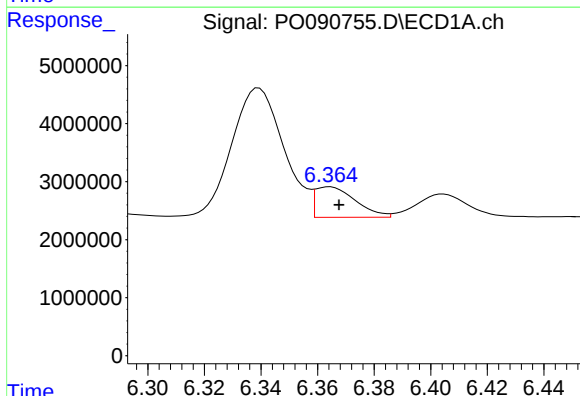
R.T.: 5.959 min
Delta R.T.: -0.003 min
Response: 37330574
Conc: 378.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



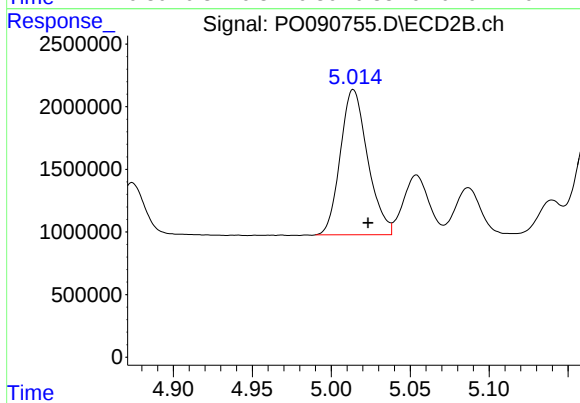
#23 AR-1248-3

R.T.: 4.843 min
Delta R.T.: -0.009 min
Response: 13725691
Conc: 407.19 ng/ml



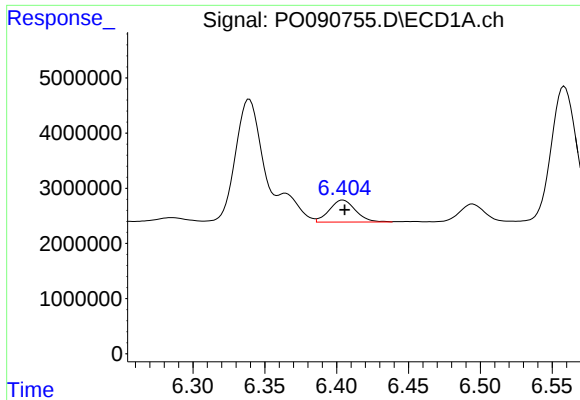
#24 AR-1248-4

R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 5174858
Conc: 48.54 ng/ml



#24 AR-1248-4

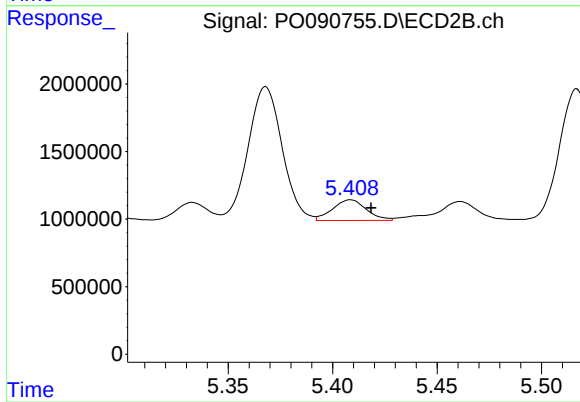
R.T.: 5.014 min
Delta R.T.: -0.009 min
Response: 14009406
Conc: 362.25 ng/ml



#25 AR-1248-5

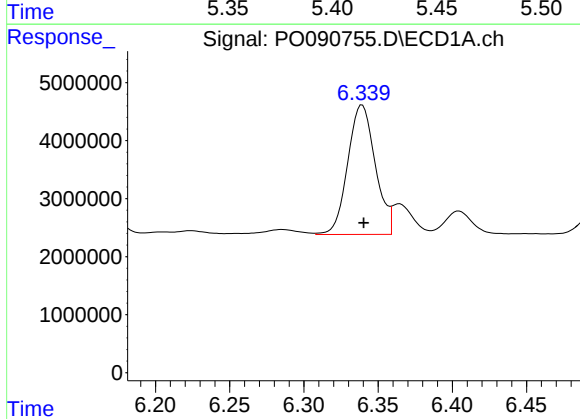
R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 5026986
Conc: 47.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



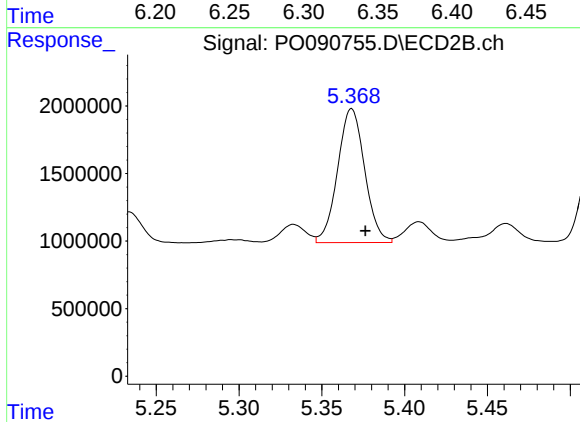
#25 AR-1248-5

R.T.: 5.409 min
Delta R.T.: -0.010 min
Response: 1713007
Conc: 47.31 ng/ml



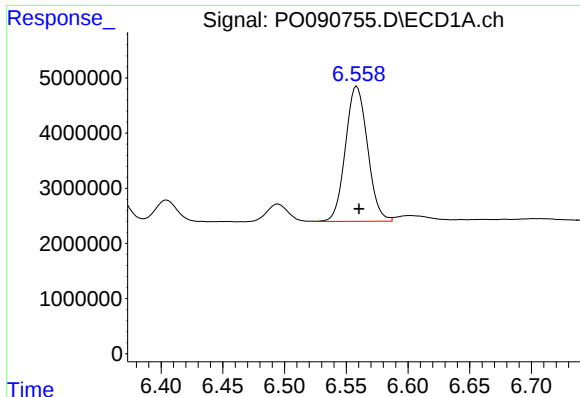
#26 AR-1254-1

R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 28781766
Conc: 248.34 ng/ml



#26 AR-1254-1

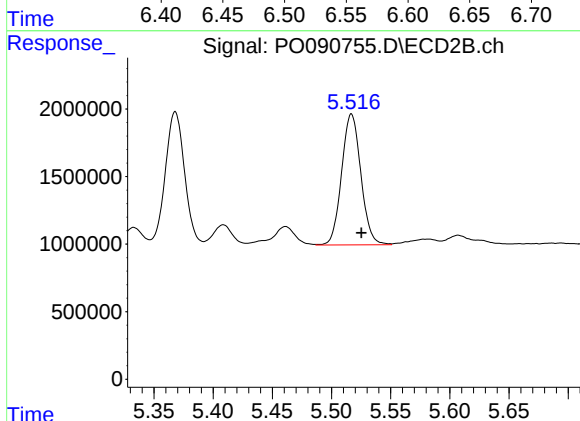
R.T.: 5.368 min
Delta R.T.: -0.008 min
Response: 11282384
Conc: 191.53 ng/ml



#27 AR-1254-2

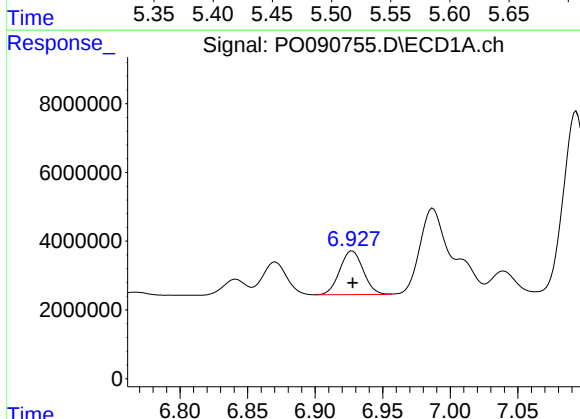
R.T.: 6.559 min
Delta R.T.: -0.002 min
Response: 30449592
Conc: 175.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



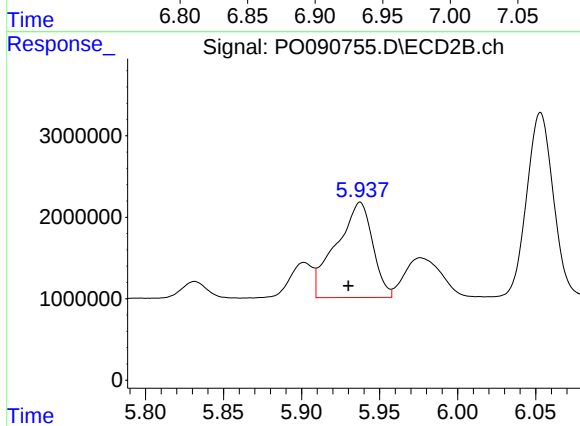
#27 AR-1254-2

R.T.: 5.517 min
Delta R.T.: -0.008 min
Response: 10972766
Conc: 204.79 ng/ml



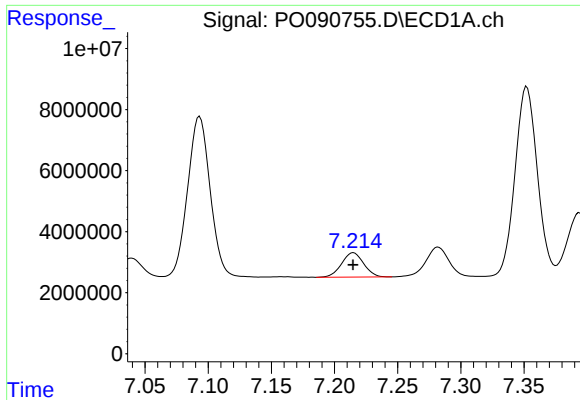
#28 AR-1254-3

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 15346850
Conc: 88.40 ng/ml



#28 AR-1254-3

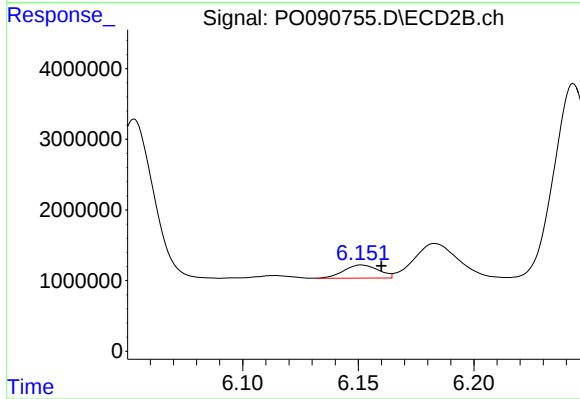
R.T.: 5.938 min
Delta R.T.: 0.008 min
Response: 19017152
Conc: 229.45 ng/ml



#29 AR-1254-4

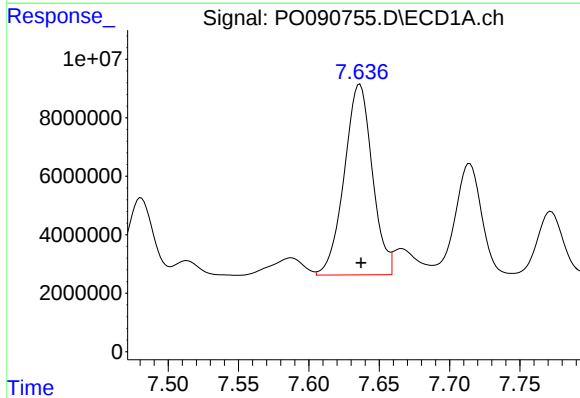
R.T.: 7.215 min
Delta R.T.: 0.000 min
Response: 9697417
Conc: 76.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



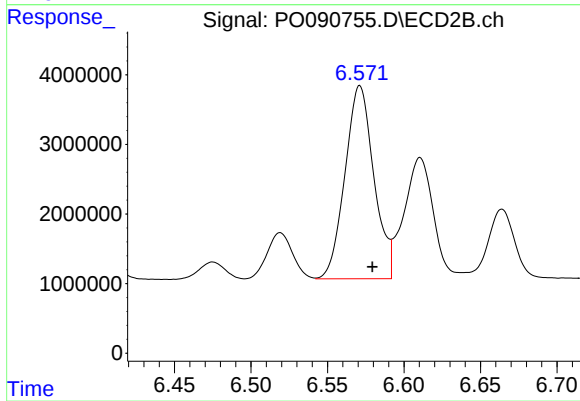
#29 AR-1254-4

R.T.: 6.151 min
Delta R.T.: -0.009 min
Response: 1954592
Conc: 39.36 ng/ml



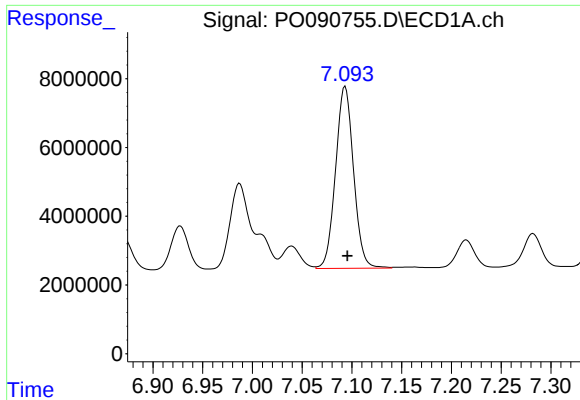
#30 AR-1254-5

R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 90531580
Conc: 642.71 ng/ml



#30 AR-1254-5

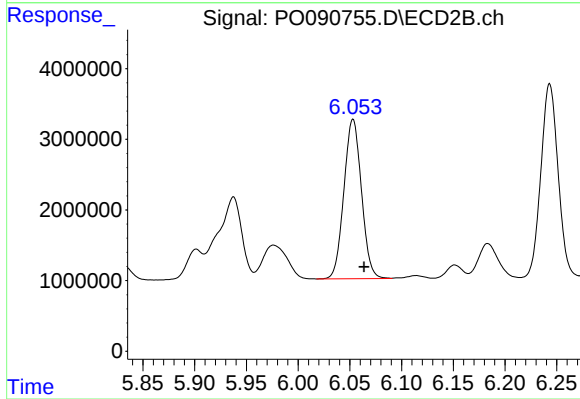
R.T.: 6.571 min
Delta R.T.: -0.008 min
Response: 36468184
Conc: 487.05 ng/ml



#31 AR-1260-1

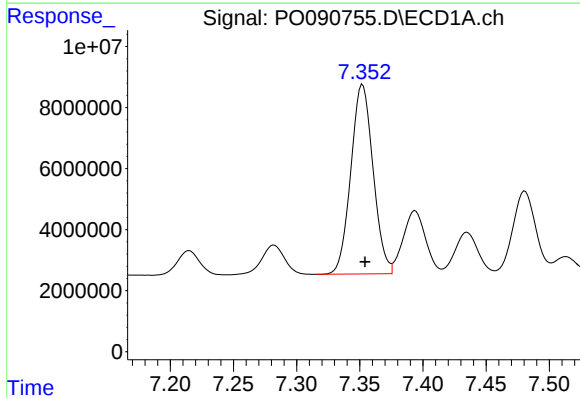
R.T.: 7.093 min
Delta R.T.: -0.002 min
Response: 66555631
Conc: 474.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



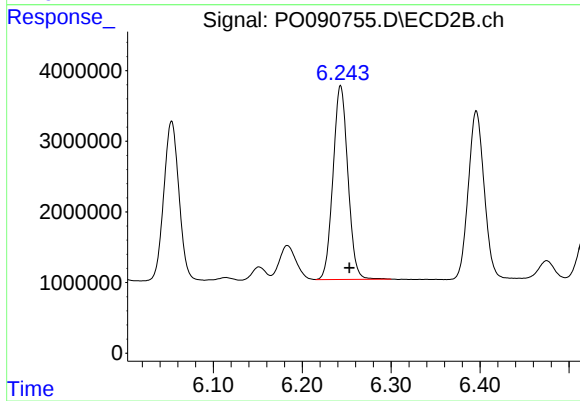
#31 AR-1260-1

R.T.: 6.053 min
Delta R.T.: -0.011 min
Response: 26760312
Conc: 444.51 ng/ml



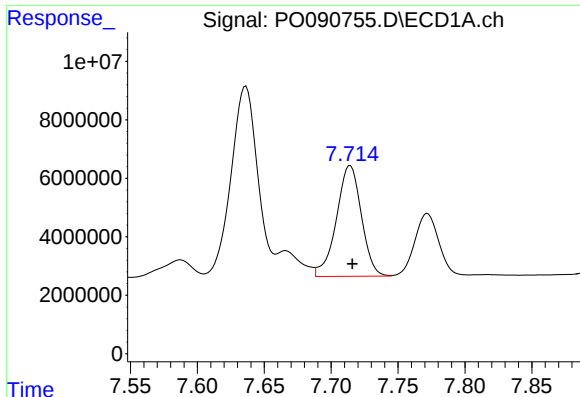
#32 AR-1260-2

R.T.: 7.352 min
Delta R.T.: -0.002 min
Response: 76085736
Conc: 470.30 ng/ml



#32 AR-1260-2

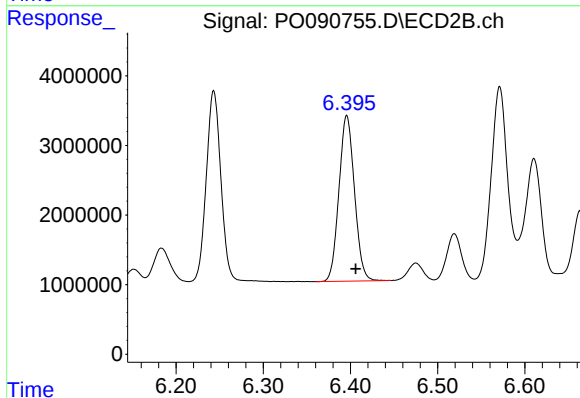
R.T.: 6.243 min
Delta R.T.: -0.010 min
Response: 31913694
Conc: 441.76 ng/ml



#33 AR-1260-3

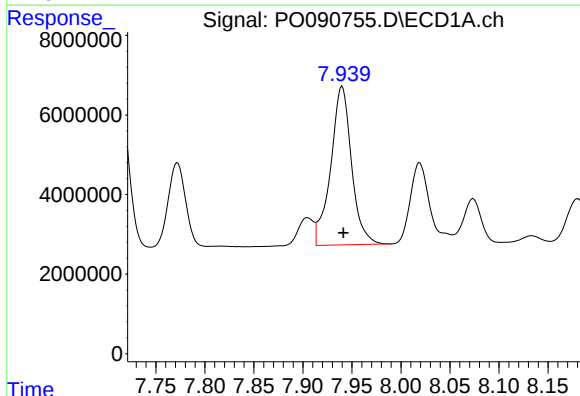
R.T.: 7.714 min
Delta R.T.: -0.002 min
Response: 49228590
Conc: 468.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



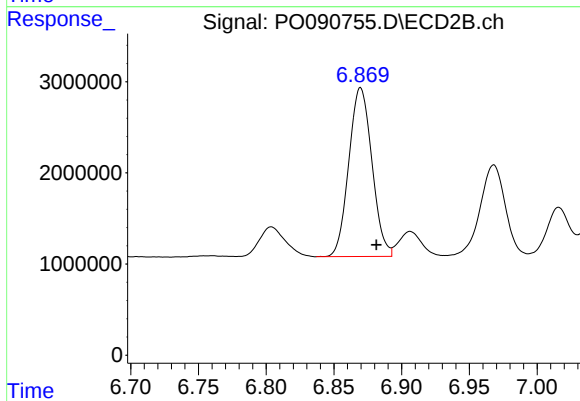
#33 AR-1260-3

R.T.: 6.396 min
Delta R.T.: -0.010 min
Response: 29398004
Conc: 441.19 ng/ml



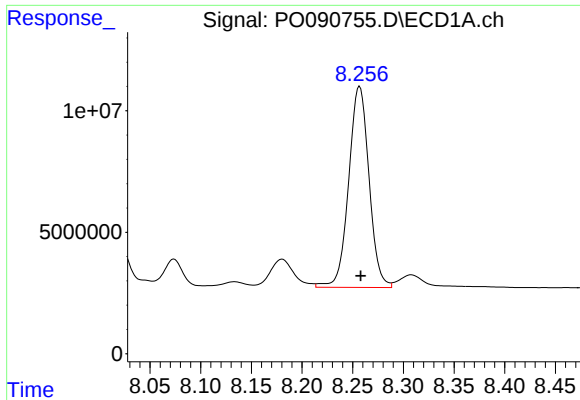
#34 AR-1260-4

R.T.: 7.940 min
Delta R.T.: -0.001 min
Response: 59157803
Conc: 478.85 ng/ml



#34 AR-1260-4

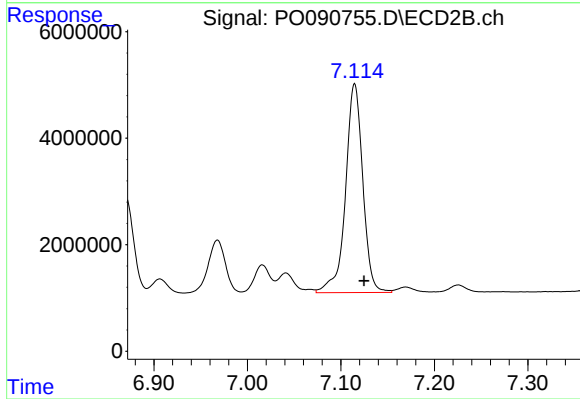
R.T.: 6.870 min
Delta R.T.: -0.012 min
Response: 22028551
Conc: 433.00 ng/ml



#35 AR-1260-5

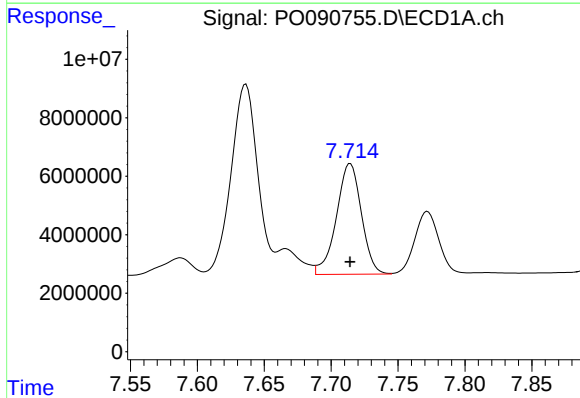
R.T.: 8.257 min
Delta R.T.: -0.001 min
Response: 115786010
Conc: 508.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



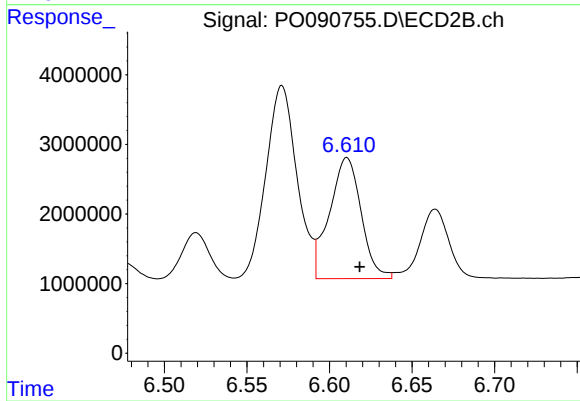
#35 AR-1260-5

R.T.: 7.115 min
Delta R.T.: -0.010 min
Response: 50298220
Conc: 433.04 ng/ml



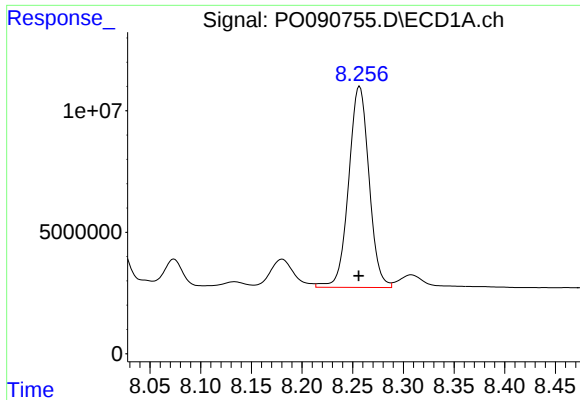
#36 AR-1262-1

R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 49228590
Conc: 296.97 ng/ml



#36 AR-1262-1

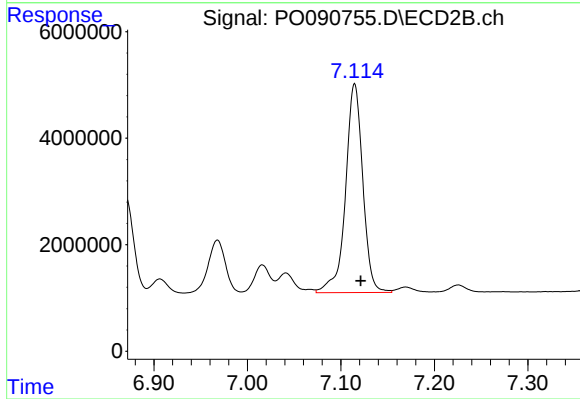
R.T.: 6.611 min
Delta R.T.: -0.008 min
Response: 23198667
Conc: 306.16 ng/ml



#37 AR-1262-2

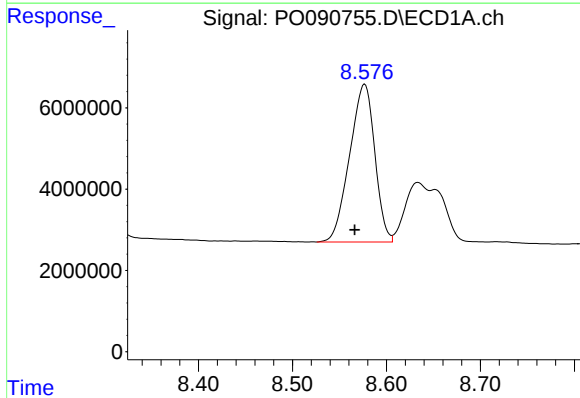
R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 115786010
Conc: 412.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



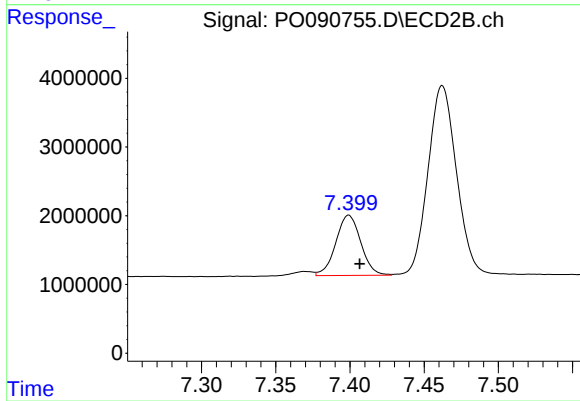
#37 AR-1262-2

R.T.: 7.115 min
Delta R.T.: -0.006 min
Response: 50298220
Conc: 392.25 ng/ml



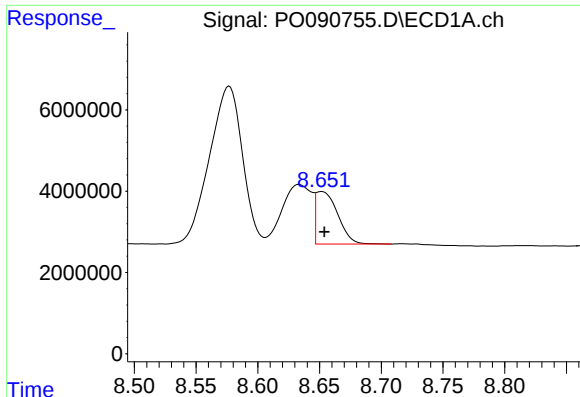
#38 AR-1262-3

R.T.: 8.577 min
Delta R.T.: 0.011 min
Response: 72201630
Conc: 367.72 ng/ml



#38 AR-1262-3

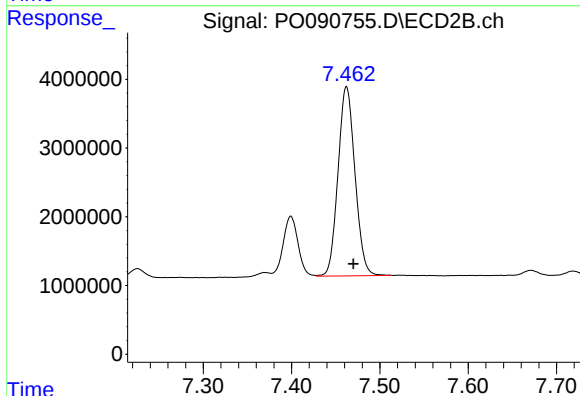
R.T.: 7.399 min
Delta R.T.: -0.007 min
Response: 10291826
Conc: 188.99 ng/ml



#39 AR-1262-4

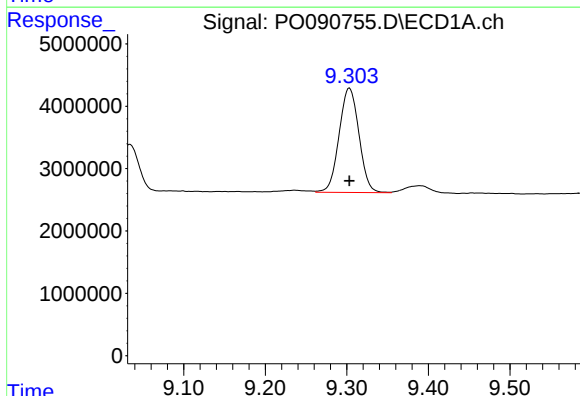
R.T.: 8.652 min
Delta R.T.: -0.002 min
Response: 15897155
Conc: 163.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



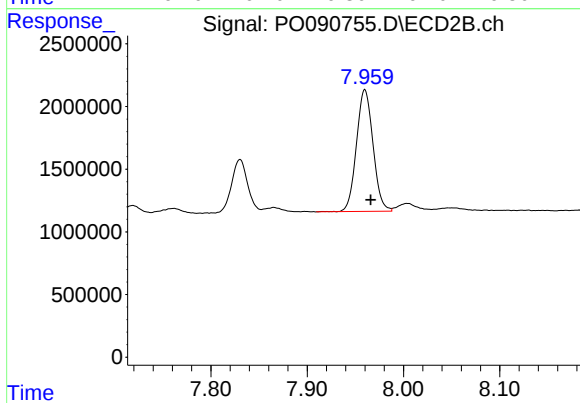
#39 AR-1262-4

R.T.: 7.462 min
Delta R.T.: -0.008 min
Response: 36757102
Conc: 378.47 ng/ml



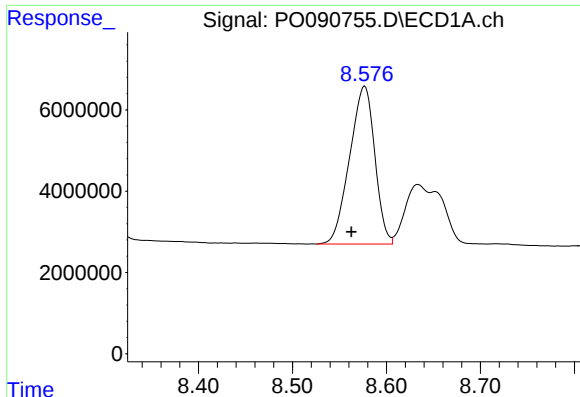
#40 AR-1262-5

R.T.: 9.303 min
Delta R.T.: 0.000 min
Response: 28368140
Conc: 269.22 ng/ml



#40 AR-1262-5

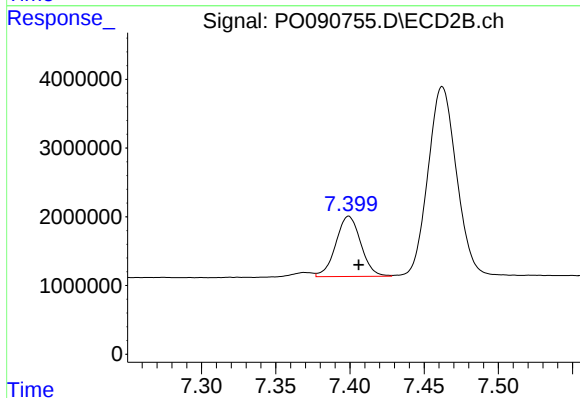
R.T.: 7.960 min
Delta R.T.: -0.006 min
Response: 11638963
Conc: 245.23 ng/ml



#41 AR-1268-1

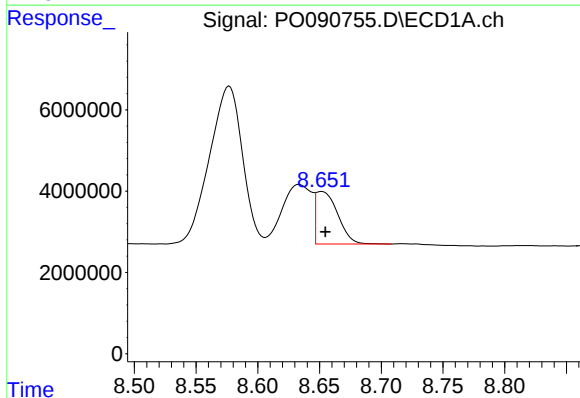
R.T.: 8.577 min
Delta R.T.: 0.014 min
Response: 72201630
Conc: 207.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



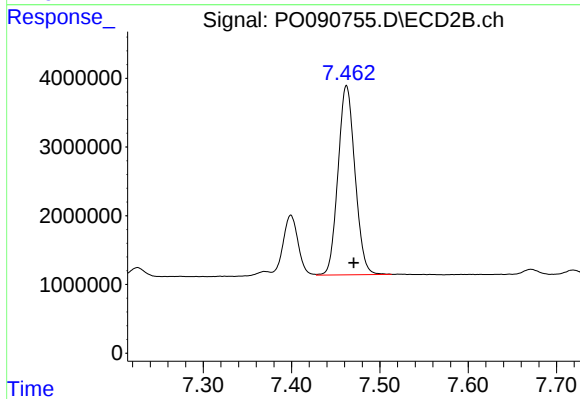
#41 AR-1268-1

R.T.: 7.399 min
Delta R.T.: -0.007 min
Response: 10291826
Conc: 65.32 ng/ml



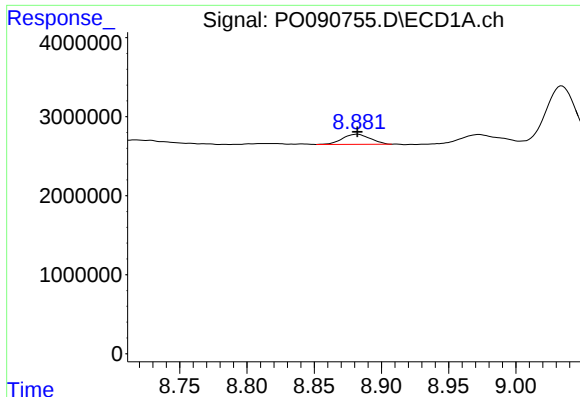
#42 AR-1268-2

R.T.: 8.652 min
Delta R.T.: -0.003 min
Response: 15897155
Conc: 50.96 ng/ml



#42 AR-1268-2

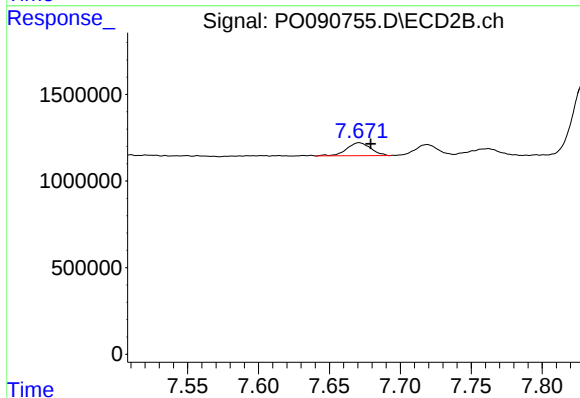
R.T.: 7.462 min
Delta R.T.: -0.008 min
Response: 36757102
Conc: 261.98 ng/ml



#43 AR-1268-3

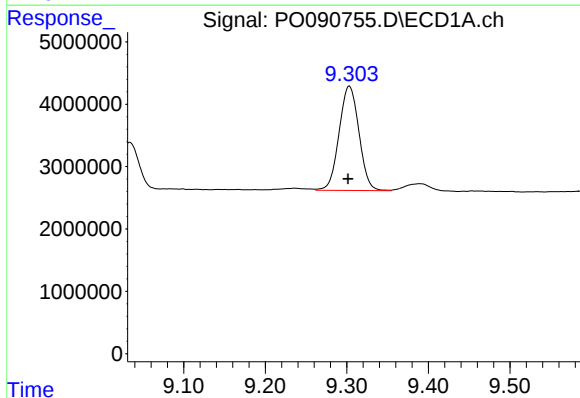
R.T.: 8.882 min
Delta R.T.: 0.000 min
Response: 1834388
Conc: 6.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



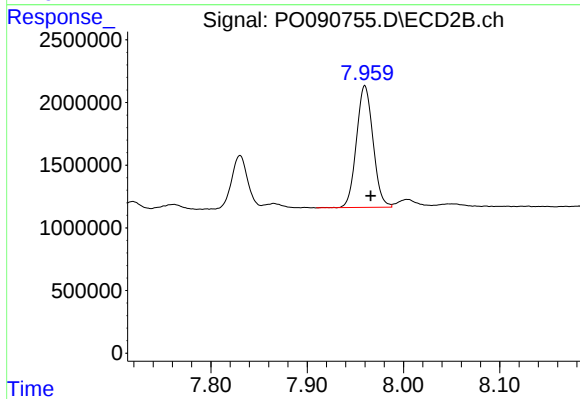
#43 AR-1268-3

R.T.: 7.671 min
Delta R.T.: -0.008 min
Response: 879164
Conc: 7.33 ng/ml



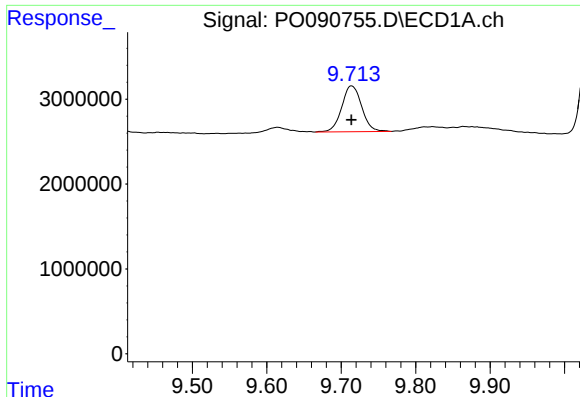
#44 AR-1268-4

R.T.: 9.303 min
Delta R.T.: 0.002 min
Response: 28368140
Conc: 243.46 ng/ml



#44 AR-1268-4

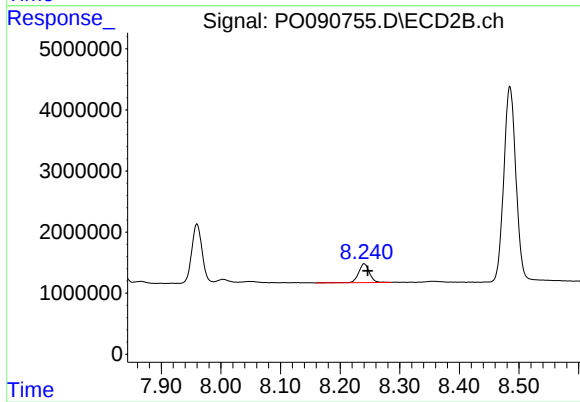
R.T.: 7.960 min
Delta R.T.: -0.006 min
Response: 11638963
Conc: 214.31 ng/ml



#45 AR-1268-5

R.T.: 9.714 min
Delta R.T.: 0.000 min
Response: 10056441
Conc: 11.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.240 min
Delta R.T.: -0.006 min
Response: 3897480
Conc: 11.13 ng/ml