

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO101623\
 Data File : PO098852.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2023 21:14
 Operator : YP/AJ
 Sample : 04730-10MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 01:13:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO092723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 28 01:18:56 2023
 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...	4.478	3.633	41628365	14637868	21.679	18.794
2)	SA Decachlor...	10.291	8.637	24574323	10546066	20.245	19.684
Target Compounds							
3)	L1 AR-1016-1	5.654	4.715	32780416	13552199	606.553	567.792
4)	L1 AR-1016-2	5.676	4.734	48226242	18819452	594.007	552.689
5)	L1 AR-1016-3	5.738	4.909	29766097	10043238	594.930	558.311
6)	L1 AR-1016-4	5.838	4.951	23070240	8472922	590.007	565.189
7)	L1 AR-1016-5	6.133	5.164	22787150	9990475	554.150	514.432
8)	L2 AR-1221-1	4.688	3.845	7187754	1434603	319.238	156.146 #
9)	L2 AR-1221-2	4.775	3.932	4689421	2527299	277.925	380.074 #
10)	L2 AR-1221-3	4.852	4.007	20073406	7621700	410.432	377.825
11)	L3 AR-1232-1	4.852	4.007	20073406	7621700	491.430	453.456
12)	L3 AR-1232-2	5.384	4.734	29163369	18819452	1348.414	1252.420
13)	L3 AR-1232-3	5.676	4.909	48226242	10043238	1356.634	1283.214
14)	L3 AR-1232-4	5.838	4.993	23070240	10387303	1358.936	1381.450
15)	L3 AR-1232-5	5.928	5.164	21592305	9990475	1516.548	1234.958
16)	L4 AR-1242-1	5.654	4.715	32780416	13552199	719.869	647.319
17)	L4 AR-1242-2	5.676	4.734	48226242	18819452	704.136	647.230
18)	L4 AR-1242-3	5.738	4.909	29766097	10043238	702.923	642.640
19)	L4 AR-1242-4	5.838	4.993	23070240	10387303	703.119	627.163
20)	L4 AR-1242-5	6.577	5.517	5658674	10848855	159.754	584.577 #
21)	L5 AR-1248-1	5.654	4.715	32780416	13552199	968.607	864.785
22)	L5 AR-1248-2	5.928	4.951	21592305	8472922	416.930	385.016
23)	L5 AR-1248-3	6.133	4.993	22787150	10387303	403.218	442.394
24)	L5 AR-1248-4	6.542	5.164	6979372	9990475	123.118	374.536 #
25)	L5 AR-1248-5	6.577	5.557	5658674	2230825	95.670	94.540
26)	L6 AR-1254-1	6.512	5.517	26046347	10848855	412.363	282.935 #
27)	L6 AR-1254-2	6.732	5.664	22928632	10487926	238.921	304.635 #
28)	L6 AR-1254-3	7.100	6.083	18390326	18942606	195.449	364.549 #
29)	L6 AR-1254-4	7.385	6.297	9605200	2799510	164.969	101.992 #
30)	L6 AR-1254-5	7.805	6.715	79207808	31349812	1134.054	723.714 #
31)	L7 AR-1260-1	7.264	6.198	47929658	22760708	659.144	620.342
32)	L7 AR-1260-2	7.520	6.387	64062091	23778419	778.011	566.686 #
33)	L7 AR-1260-3	7.881	6.540	34210923	22269615	553.015	556.503
34)	L7 AR-1260-4	8.107	7.013	44886835	15899835	665.852	493.736 #
35)	L7 AR-1260-5	8.435	7.255	71207437	36726493	548.088	524.212
36)	L8 AR-1262-1	7.881	6.753	34210923	17486391	393.364	386.327
37)	L8 AR-1262-2	8.435	7.013	71207437	15899835	504.819	394.304
38)	L8 AR-1262-3	8.765	7.538	46647217	7361808	472.462	237.143 #
39)	L8 AR-1262-4	8.823	7.602	27845153	26375748	362.844	486.878 #
40)	L8 AR-1262-5	9.516	8.098	17410385	7824570	358.917	316.845
41)	L9 AR-1268-1	8.765	7.538	46647217	7361808	268.639	80.563 #

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 ALS Vial : 25 Sample Multiplier: 1

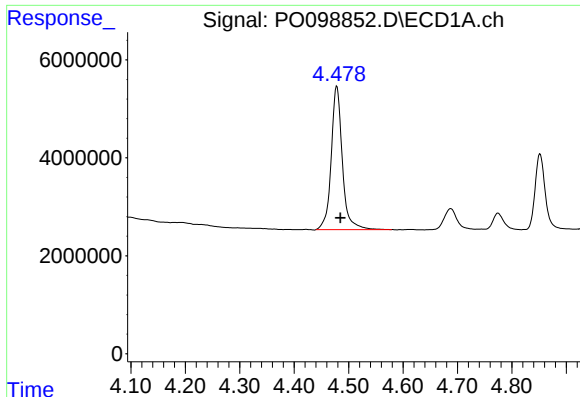
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 01:13:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO092723.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	8.823	7.602	27845153	26375748	178.579	340.164 #
43) L9	AR-1268-3	9.079	7.809	1213287	648238	8.874	9.783
44) L9	AR-1268-4	9.516	8.098	17410385	7824570	326.838	289.069
45) L9	AR-1268-5	9.941	8.385	6399254	2687300	14.573	13.578

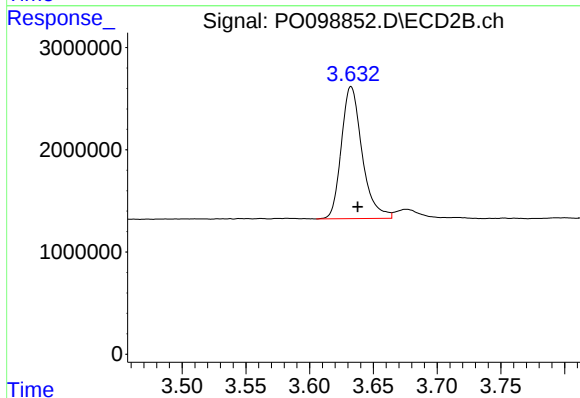
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

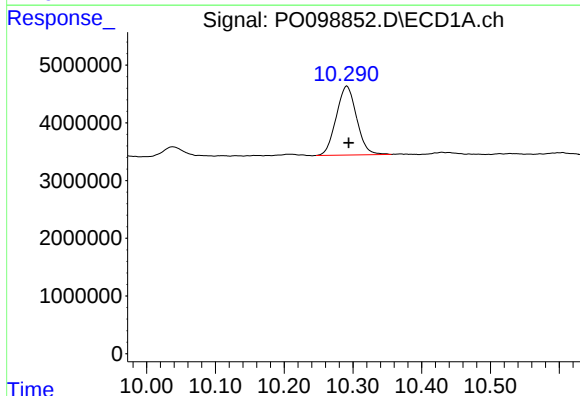
R.T.: 4.478 min
Delta R.T.: -0.007 min
Response: 41628365
Conc: 21.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



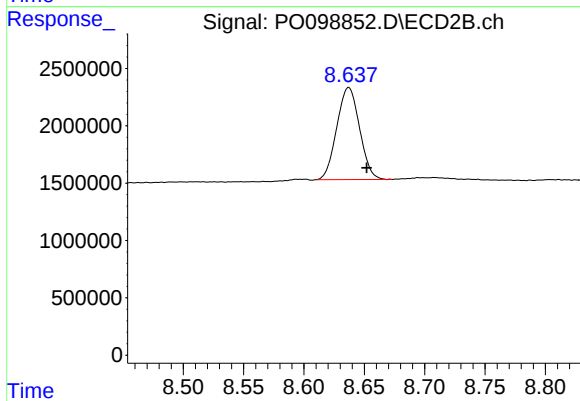
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: -0.005 min
Response: 14637868
Conc: 18.79 ng/ml



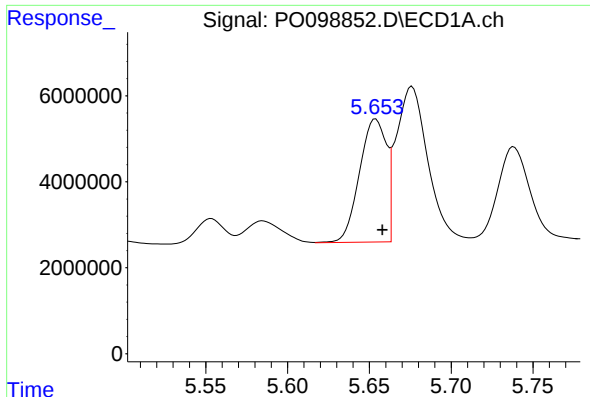
#2 Decachlorobiphenyl

R.T.: 10.291 min
Delta R.T.: -0.002 min
Response: 24574323
Conc: 20.24 ng/ml



#2 Decachlorobiphenyl

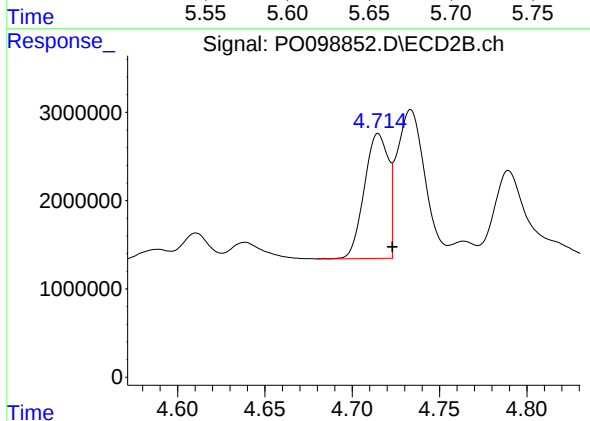
R.T.: 8.637 min
Delta R.T.: -0.015 min
Response: 10546066
Conc: 19.68 ng/ml



#3 AR-1016-1

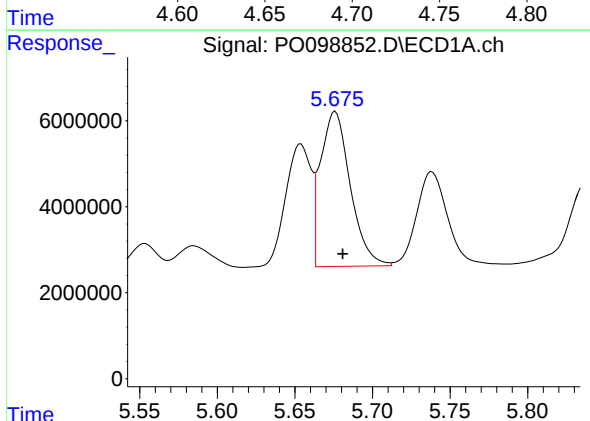
R.T.: 5.654 min
Delta R.T.: -0.004 min
Response: 32780416
Conc: 606.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



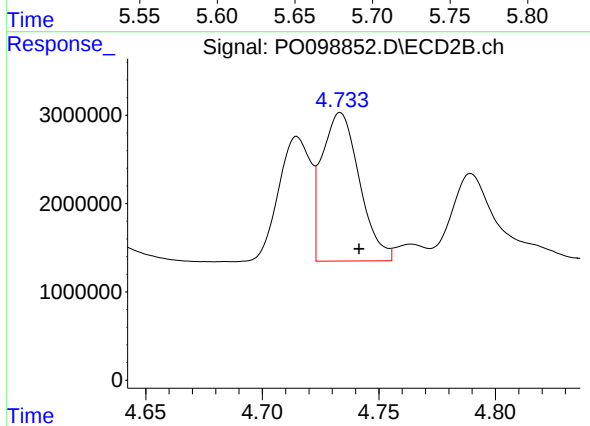
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: -0.008 min
Response: 13552199
Conc: 567.79 ng/ml



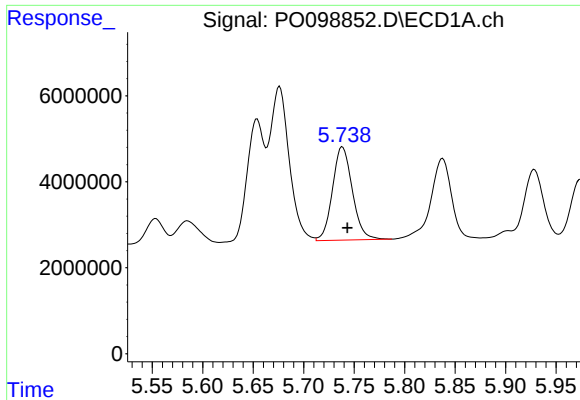
#4 AR-1016-2

R.T.: 5.676 min
Delta R.T.: -0.005 min
Response: 48226242
Conc: 594.01 ng/ml



#4 AR-1016-2

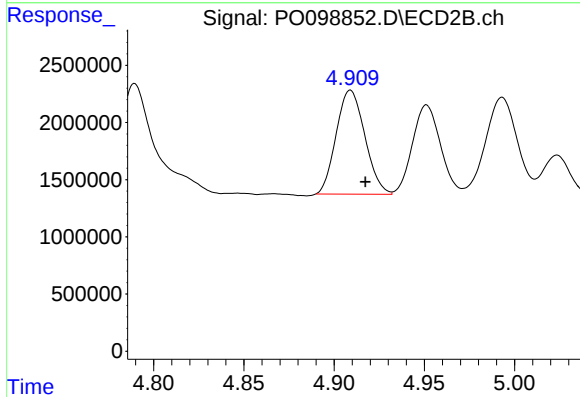
R.T.: 4.734 min
Delta R.T.: -0.008 min
Response: 18819452
Conc: 552.69 ng/ml



#5 AR-1016-3

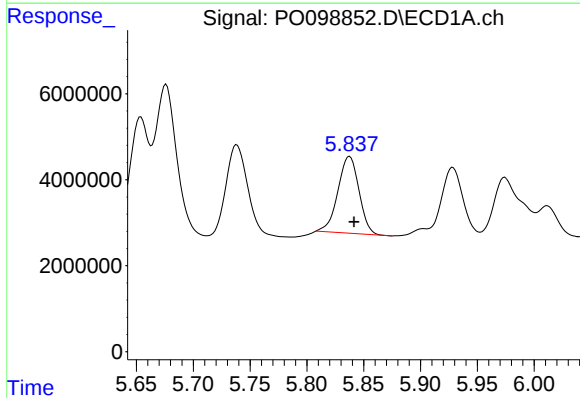
R.T.: 5.738 min
Delta R.T.: -0.005 min
Response: 29766097
Conc: 594.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



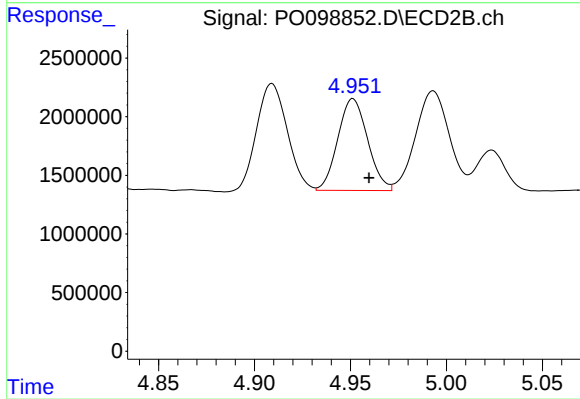
#5 AR-1016-3

R.T.: 4.909 min
Delta R.T.: -0.008 min
Response: 10043238
Conc: 558.31 ng/ml



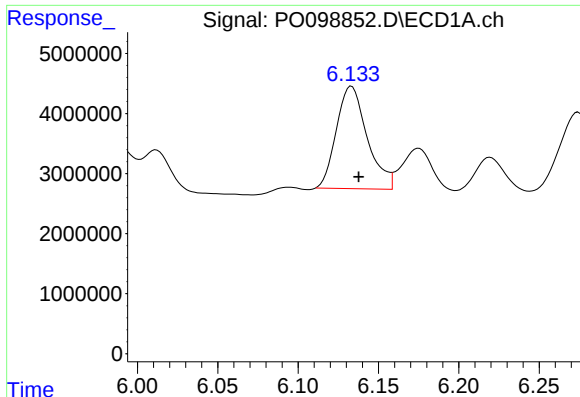
#6 AR-1016-4

R.T.: 5.838 min
Delta R.T.: -0.004 min
Response: 23070240
Conc: 590.01 ng/ml



#6 AR-1016-4

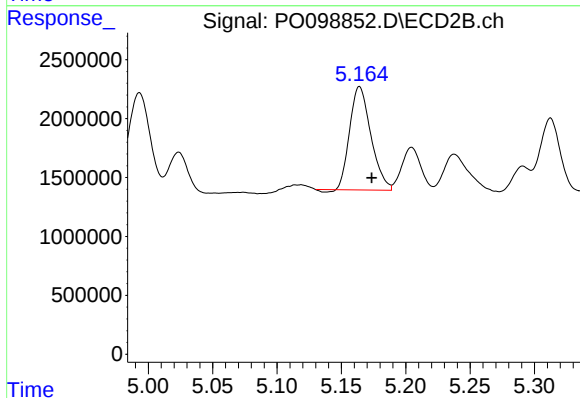
R.T.: 4.951 min
Delta R.T.: -0.008 min
Response: 8472922
Conc: 565.19 ng/ml



#7 AR-1016-5

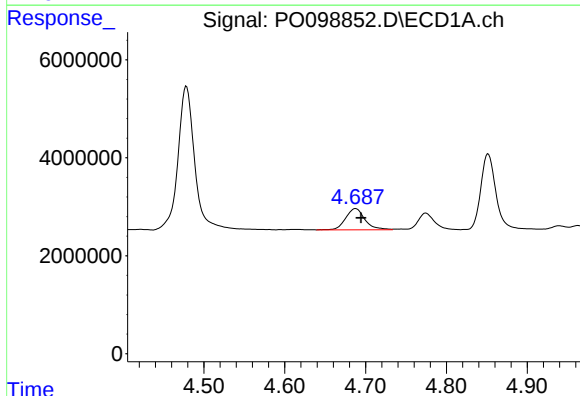
R.T.: 6.133 min
Delta R.T.: -0.004 min
Response: 22787150
Conc: 554.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



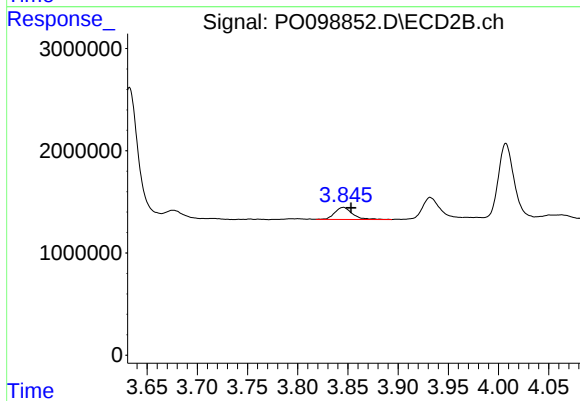
#7 AR-1016-5

R.T.: 5.164 min
Delta R.T.: -0.009 min
Response: 9990475
Conc: 514.43 ng/ml



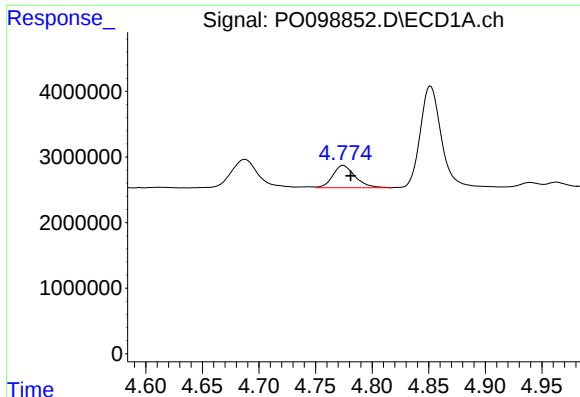
#8 AR-1221-1

R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 7187754
Conc: 319.24 ng/ml



#8 AR-1221-1

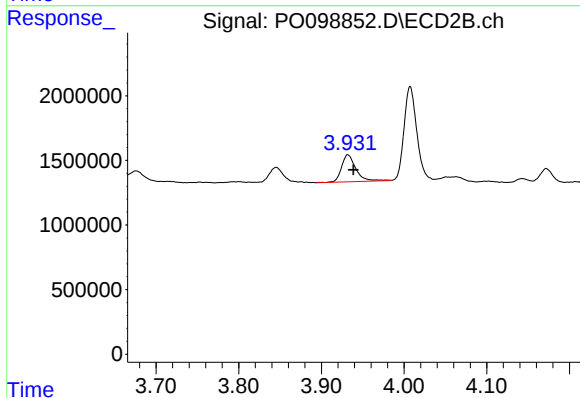
R.T.: 3.845 min
Delta R.T.: -0.008 min
Response: 1434603
Conc: 156.15 ng/ml



#9 AR-1221-2

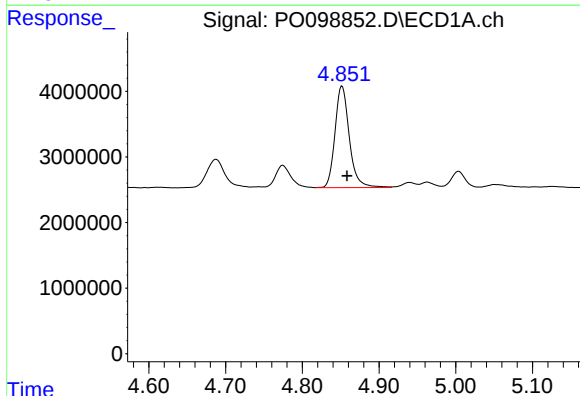
R.T.: 4.775 min
Delta R.T.: -0.006 min
Response: 4689421
Conc: 277.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



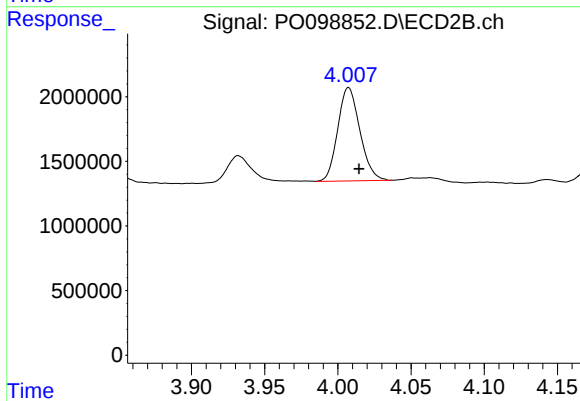
#9 AR-1221-2

R.T.: 3.932 min
Delta R.T.: -0.006 min
Response: 2527299
Conc: 380.07 ng/ml



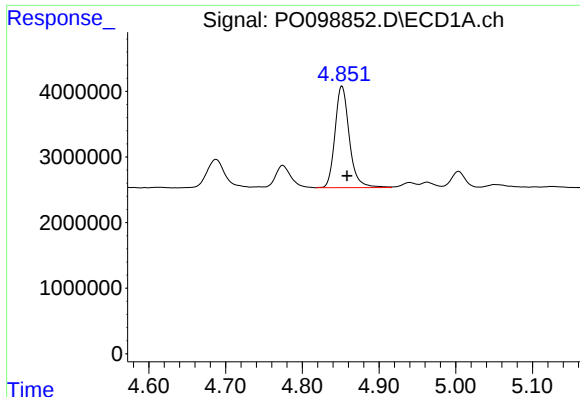
#10 AR-1221-3

R.T.: 4.852 min
Delta R.T.: -0.006 min
Response: 20073406
Conc: 410.43 ng/ml



#10 AR-1221-3

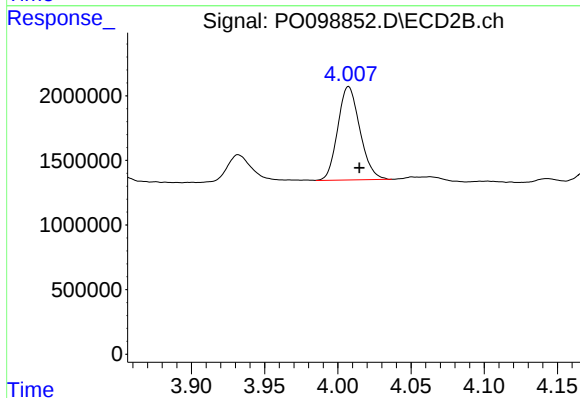
R.T.: 4.007 min
Delta R.T.: -0.007 min
Response: 7621700
Conc: 377.83 ng/ml



#11 AR-1232-1

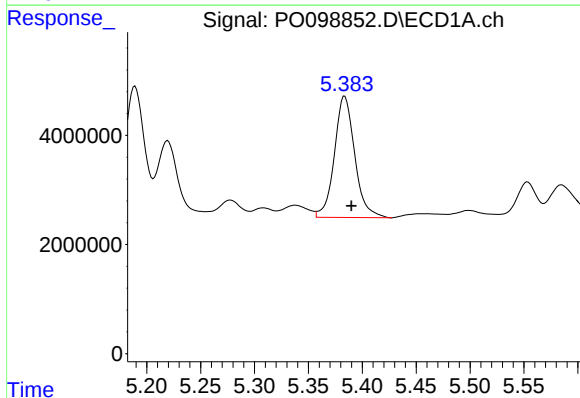
R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 20073406
Conc: 491.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



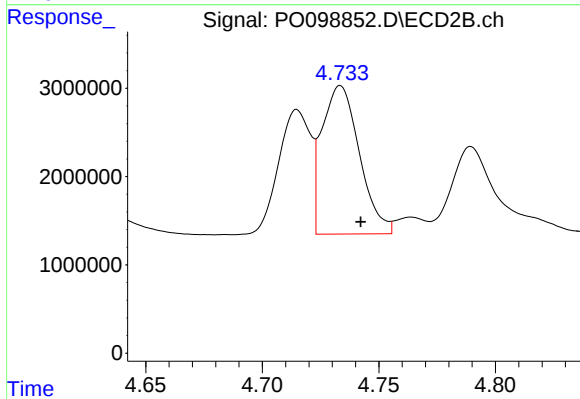
#11 AR-1232-1

R.T.: 4.007 min
Delta R.T.: -0.007 min
Response: 7621700
Conc: 453.46 ng/ml



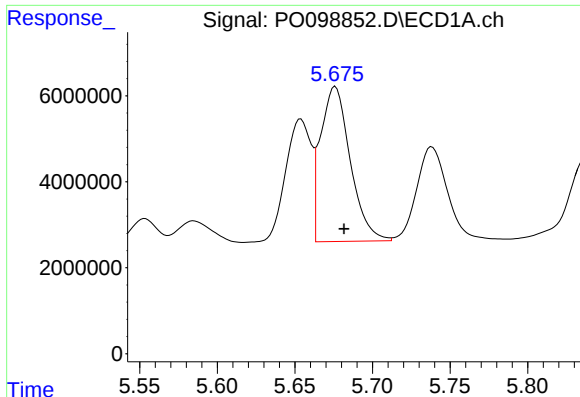
#12 AR-1232-2

R.T.: 5.384 min
Delta R.T.: -0.006 min
Response: 29163369
Conc: 1348.41 ng/ml



#12 AR-1232-2

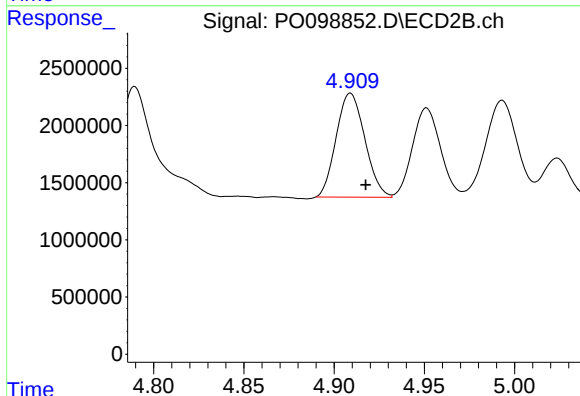
R.T.: 4.734 min
Delta R.T.: -0.009 min
Response: 18819452
Conc: 1252.42 ng/ml



#13 AR-1232-3

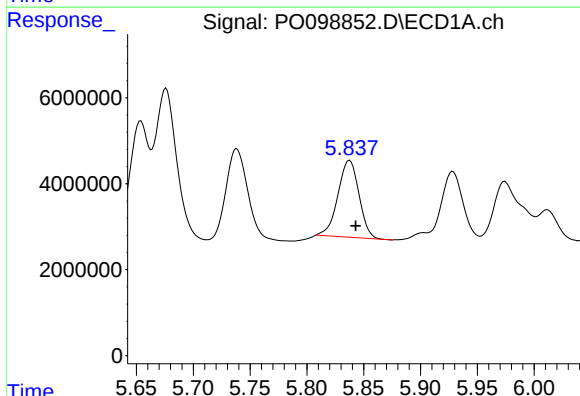
R.T.: 5.676 min
Delta R.T.: -0.006 min
Response: 48226242
Conc: 1356.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



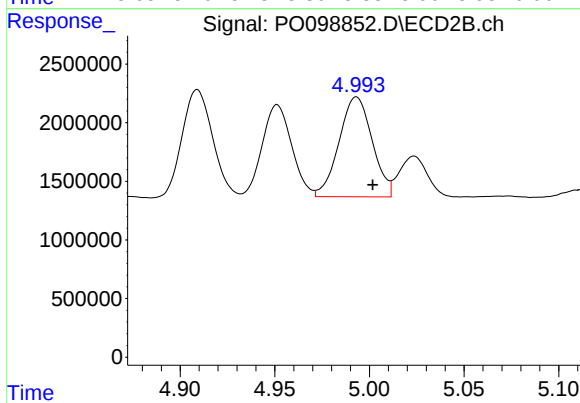
#13 AR-1232-3

R.T.: 4.909 min
Delta R.T.: -0.009 min
Response: 10043238
Conc: 1283.21 ng/ml



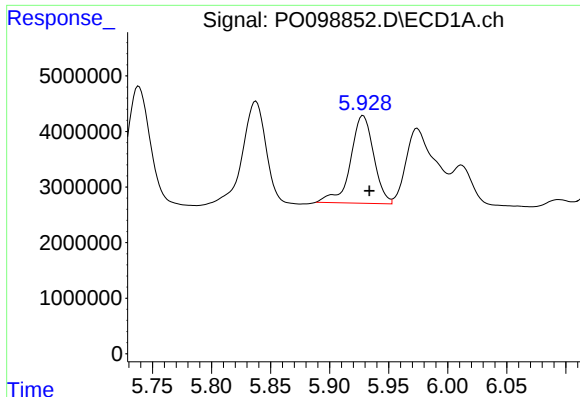
#14 AR-1232-4

R.T.: 5.838 min
Delta R.T.: -0.005 min
Response: 23070240
Conc: 1358.94 ng/ml



#14 AR-1232-4

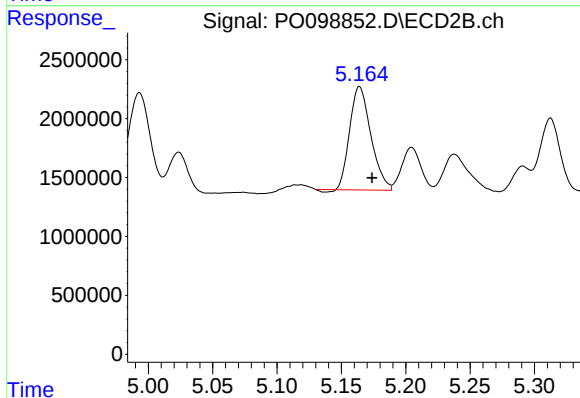
R.T.: 4.993 min
Delta R.T.: -0.009 min
Response: 10387303
Conc: 1381.45 ng/ml



#15 AR-1232-5

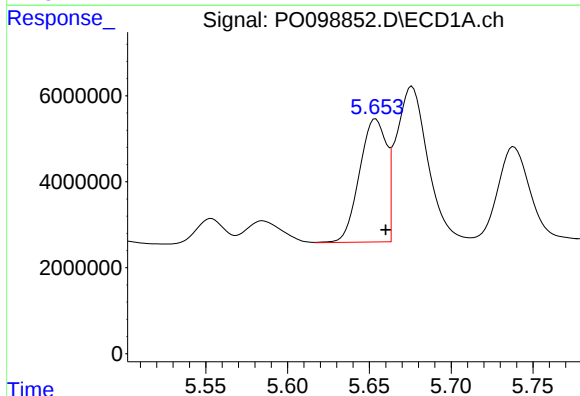
R.T.: 5.928 min
Delta R.T.: -0.005 min
Response: 21592305
Conc: 1516.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



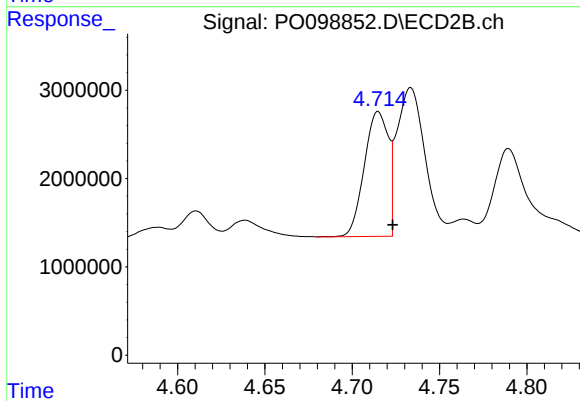
#15 AR-1232-5

R.T.: 5.164 min
Delta R.T.: -0.010 min
Response: 9990475
Conc: 1234.96 ng/ml



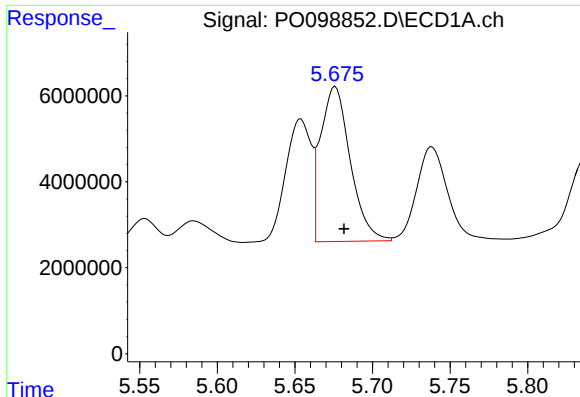
#16 AR-1242-1

R.T.: 5.654 min
Delta R.T.: -0.006 min
Response: 32780416
Conc: 719.87 ng/ml



#16 AR-1242-1

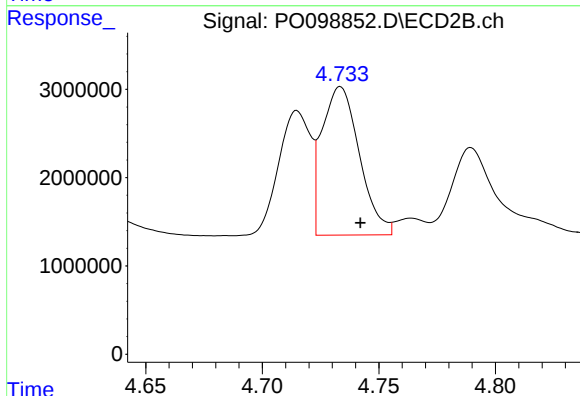
R.T.: 4.715 min
Delta R.T.: -0.008 min
Response: 13552199
Conc: 647.32 ng/ml



#17 AR-1242-2

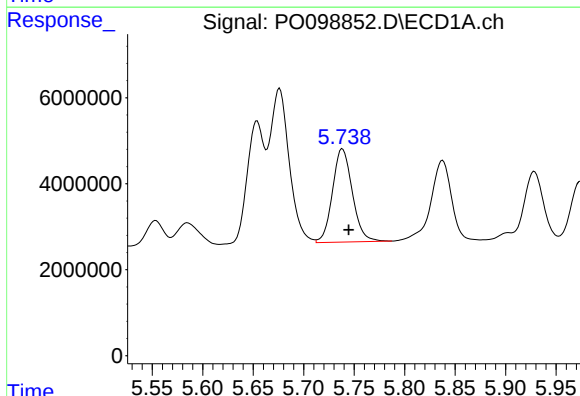
R.T.: 5.676 min
Delta R.T.: -0.006 min
Response: 48226242
Conc: 704.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



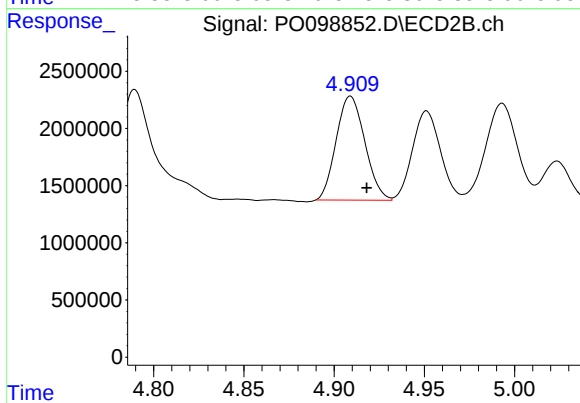
#17 AR-1242-2

R.T.: 4.734 min
Delta R.T.: -0.009 min
Response: 18819452
Conc: 647.23 ng/ml



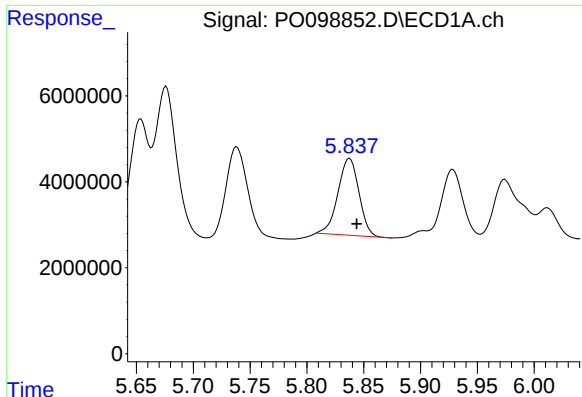
#18 AR-1242-3

R.T.: 5.738 min
Delta R.T.: -0.006 min
Response: 29766097
Conc: 702.92 ng/ml



#18 AR-1242-3

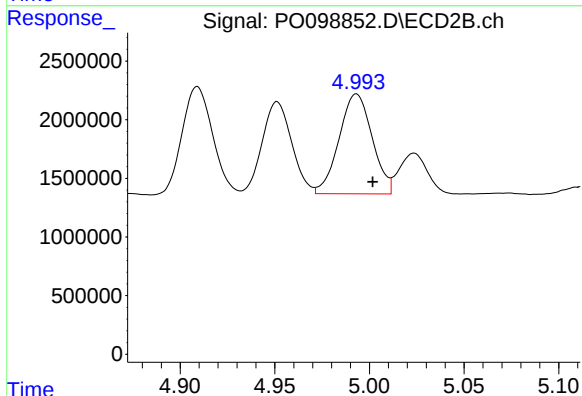
R.T.: 4.909 min
Delta R.T.: -0.009 min
Response: 10043238
Conc: 642.64 ng/ml



#19 AR-1242-4

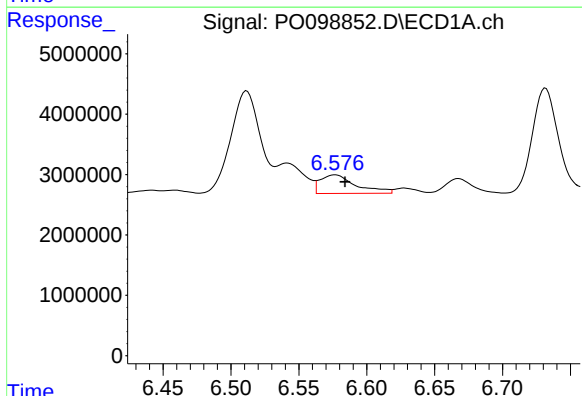
R.T.: 5.838 min
Delta R.T.: -0.006 min
Response: 23070240
Conc: 703.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



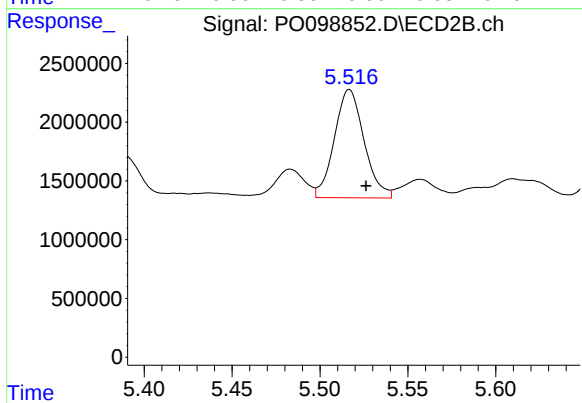
#19 AR-1242-4

R.T.: 4.993 min
Delta R.T.: -0.009 min
Response: 10387303
Conc: 627.16 ng/ml



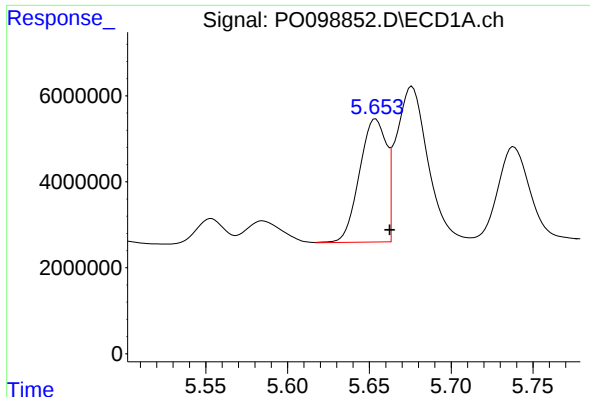
#20 AR-1242-5

R.T.: 6.577 min
Delta R.T.: -0.007 min
Response: 5658674
Conc: 159.75 ng/ml



#20 AR-1242-5

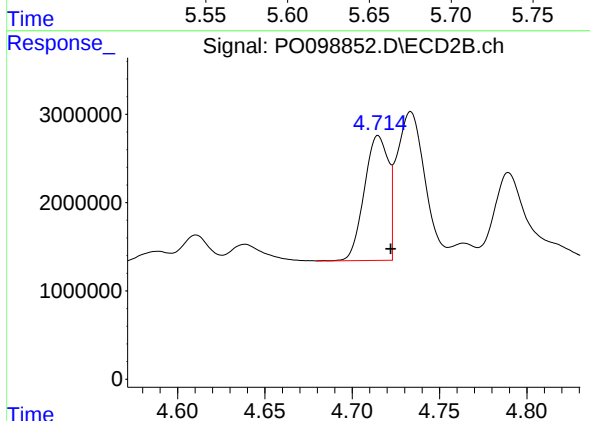
R.T.: 5.517 min
Delta R.T.: -0.009 min
Response: 10848855
Conc: 584.58 ng/ml



#21 AR-1248-1

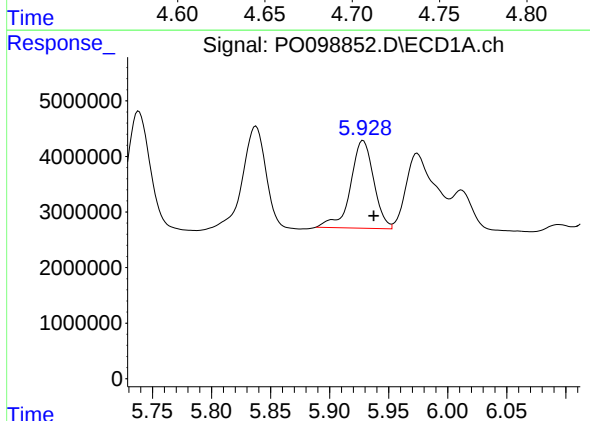
R.T.: 5.654 min
Delta R.T.: -0.009 min
Response: 32780416
Conc: 968.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



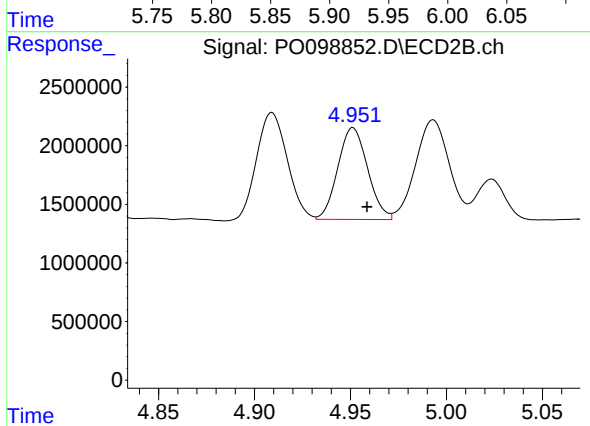
#21 AR-1248-1

R.T.: 4.715 min
Delta R.T.: -0.007 min
Response: 13552199
Conc: 864.79 ng/ml



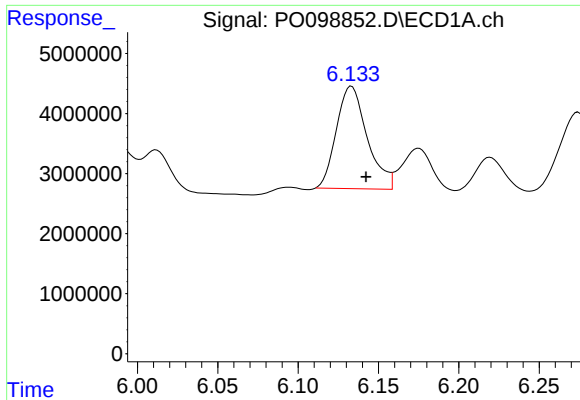
#22 AR-1248-2

R.T.: 5.928 min
Delta R.T.: -0.009 min
Response: 21592305
Conc: 416.93 ng/ml



#22 AR-1248-2

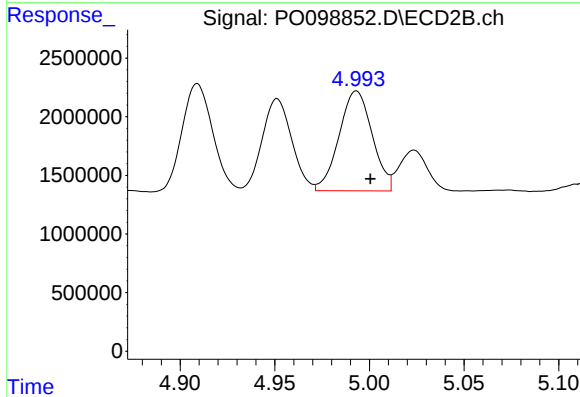
R.T.: 4.951 min
Delta R.T.: -0.007 min
Response: 8472922
Conc: 385.02 ng/ml



#23 AR-1248-3

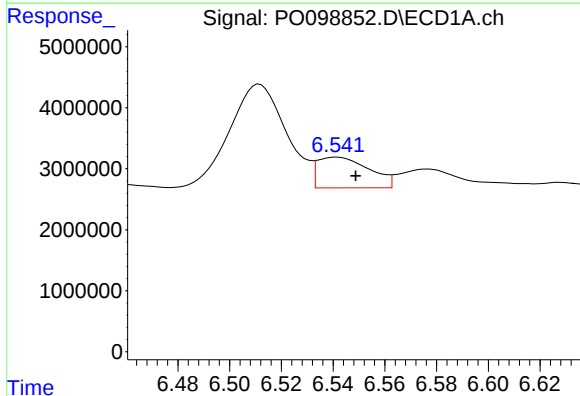
R.T.: 6.133 min
Delta R.T.: -0.009 min
Response: 22787150
Conc: 403.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



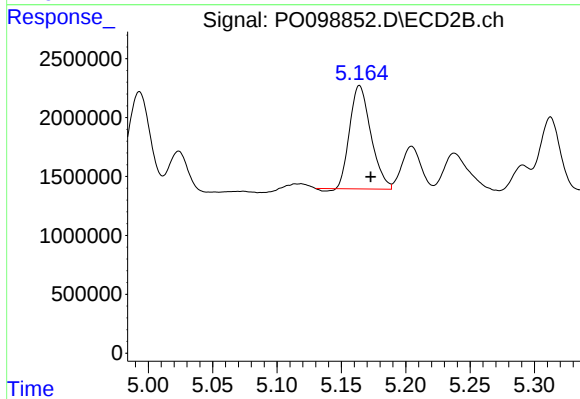
#23 AR-1248-3

R.T.: 4.993 min
Delta R.T.: -0.007 min
Response: 10387303
Conc: 442.39 ng/ml



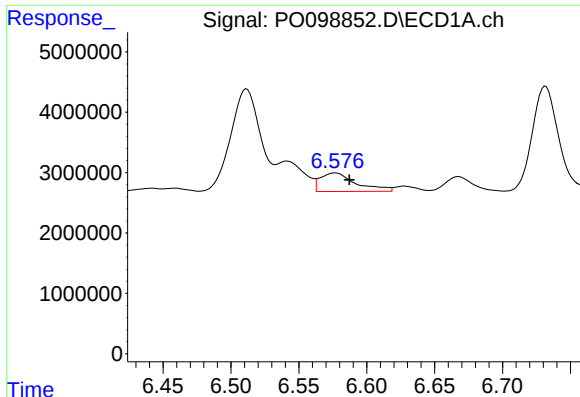
#24 AR-1248-4

R.T.: 6.542 min
Delta R.T.: -0.007 min
Response: 6979372
Conc: 123.12 ng/ml



#24 AR-1248-4

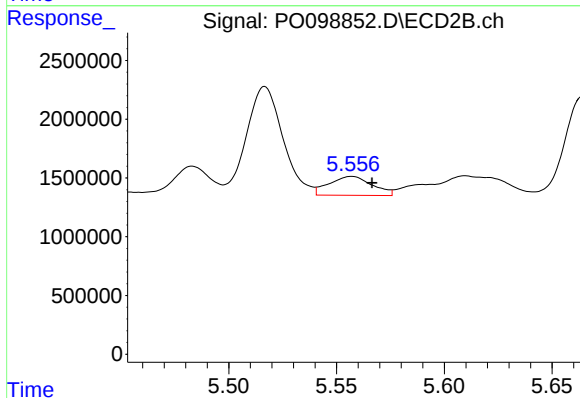
R.T.: 5.164 min
Delta R.T.: -0.009 min
Response: 9990475
Conc: 374.54 ng/ml



#25 AR-1248-5

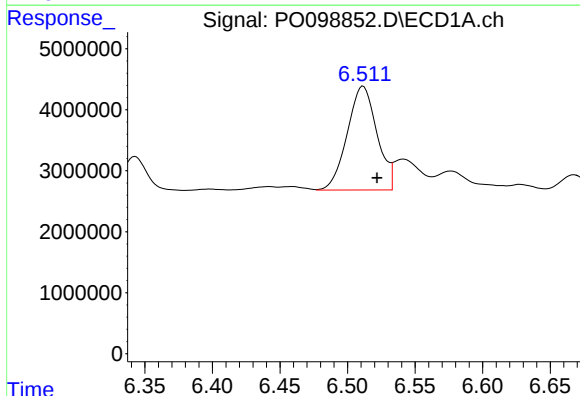
R.T.: 6.577 min
Delta R.T.: -0.010 min
Response: 5658674
Conc: 95.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



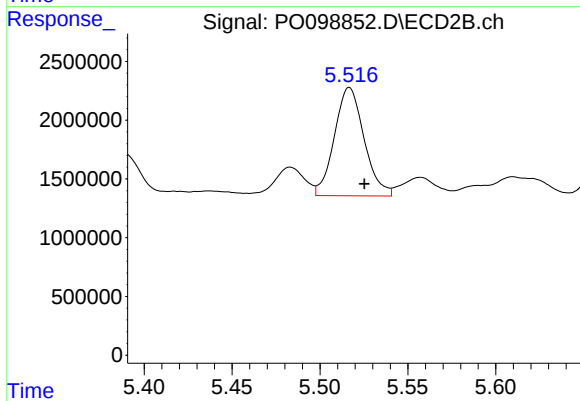
#25 AR-1248-5

R.T.: 5.557 min
Delta R.T.: -0.009 min
Response: 2230825
Conc: 94.54 ng/ml



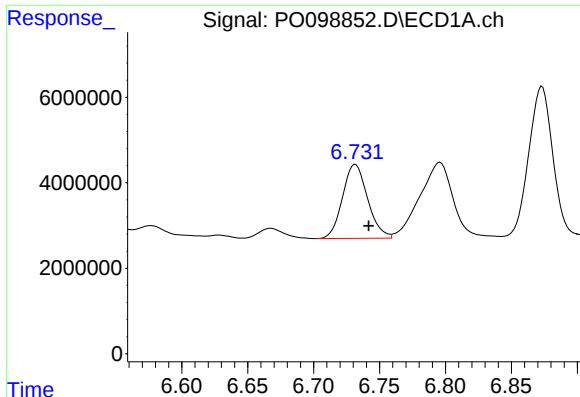
#26 AR-1254-1

R.T.: 6.512 min
Delta R.T.: -0.010 min
Response: 26046347
Conc: 412.36 ng/ml



#26 AR-1254-1

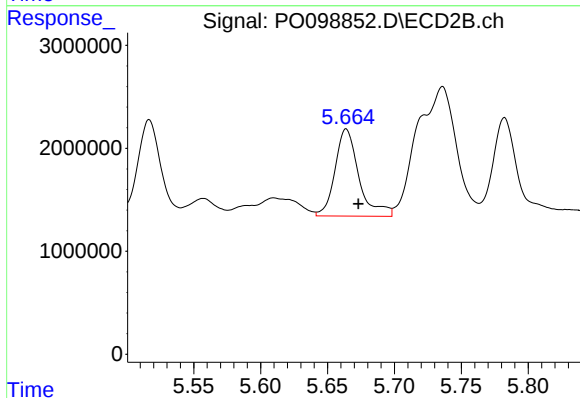
R.T.: 5.517 min
Delta R.T.: -0.008 min
Response: 10848855
Conc: 282.93 ng/ml



#27 AR-1254-2

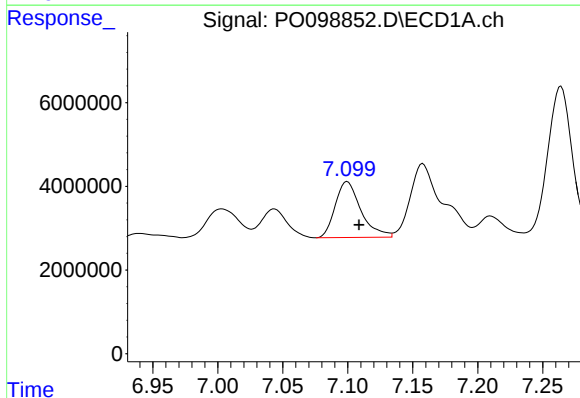
R.T.: 6.732 min
Delta R.T.: -0.010 min
Response: 22928632
Conc: 238.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



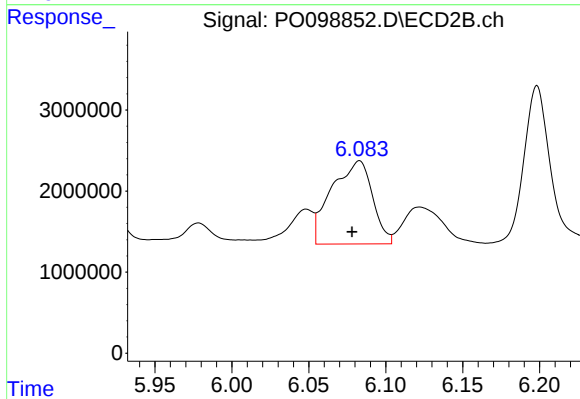
#27 AR-1254-2

R.T.: 5.664 min
Delta R.T.: -0.009 min
Response: 10487926
Conc: 304.64 ng/ml



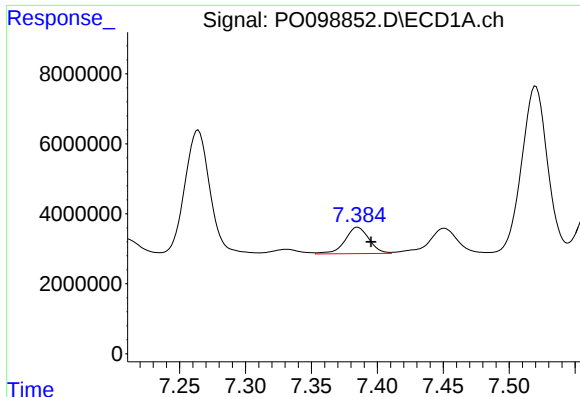
#28 AR-1254-3

R.T.: 7.100 min
Delta R.T.: -0.009 min
Response: 18390326
Conc: 195.45 ng/ml



#28 AR-1254-3

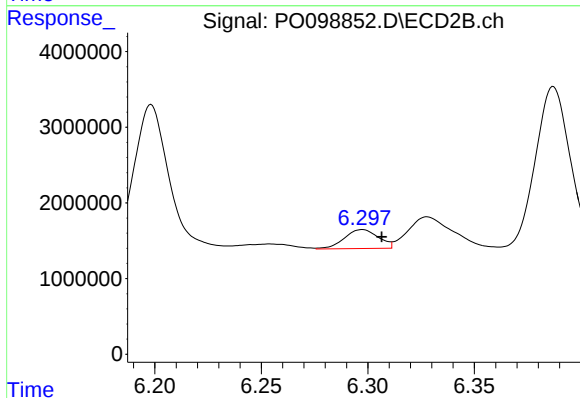
R.T.: 6.083 min
Delta R.T.: 0.005 min
Response: 18942606
Conc: 364.55 ng/ml



#29 AR-1254-4

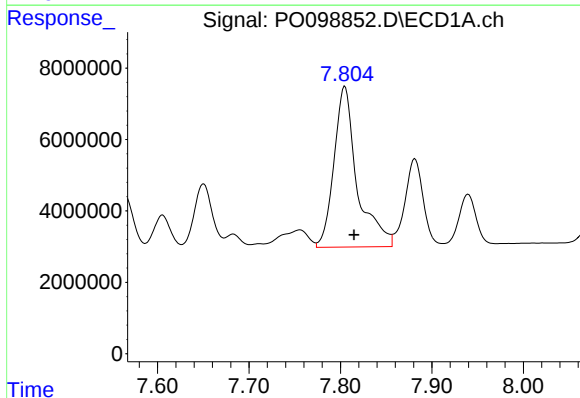
R.T.: 7.385 min
Delta R.T.: -0.010 min
Response: 9605200
Conc: 164.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



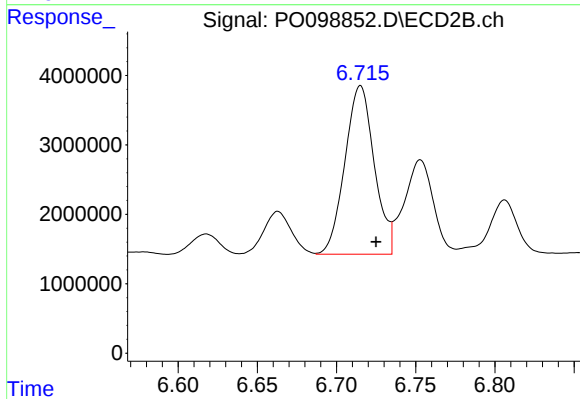
#29 AR-1254-4

R.T.: 6.297 min
Delta R.T.: -0.009 min
Response: 2799510
Conc: 101.99 ng/ml



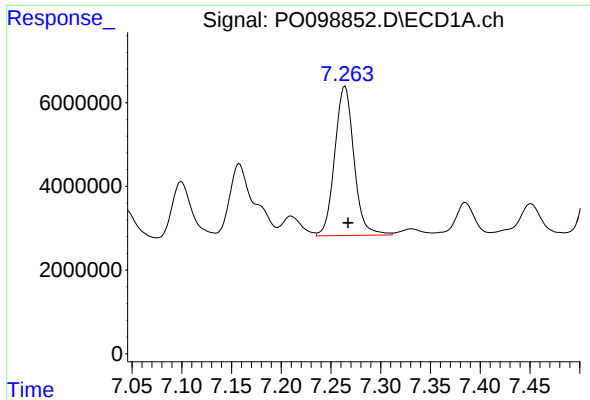
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.010 min
Response: 79207808
Conc: 1134.05 ng/ml



#30 AR-1254-5

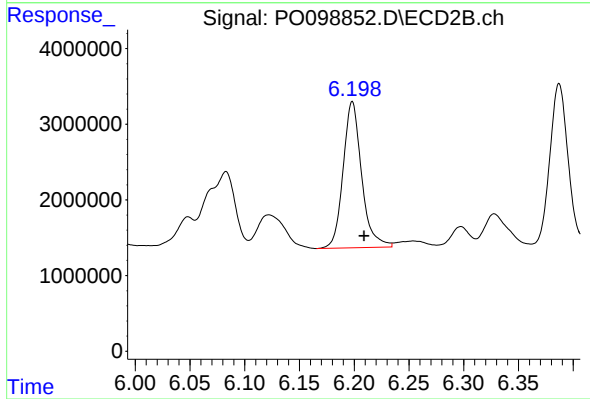
R.T.: 6.715 min
Delta R.T.: -0.010 min
Response: 31349812
Conc: 723.71 ng/ml



#31 AR-1260-1

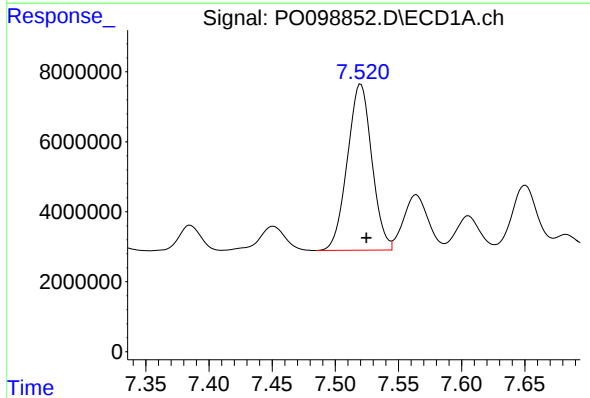
R.T.: 7.264 min
Delta R.T.: -0.003 min
Response: 47929658
Conc: 659.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



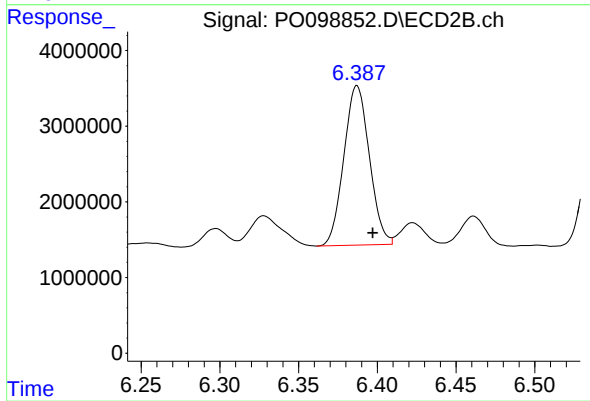
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.011 min
Response: 22760708
Conc: 620.34 ng/ml



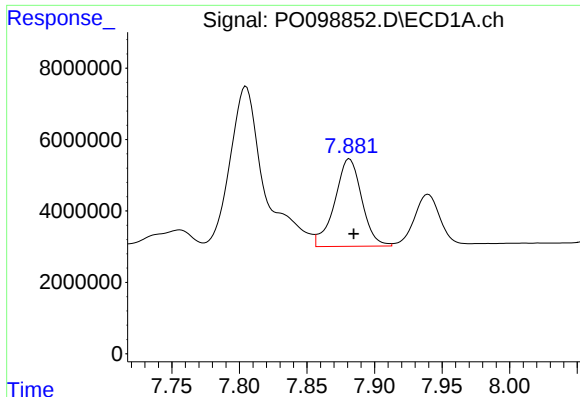
#32 AR-1260-2

R.T.: 7.520 min
Delta R.T.: -0.005 min
Response: 64062091
Conc: 778.01 ng/ml



#32 AR-1260-2

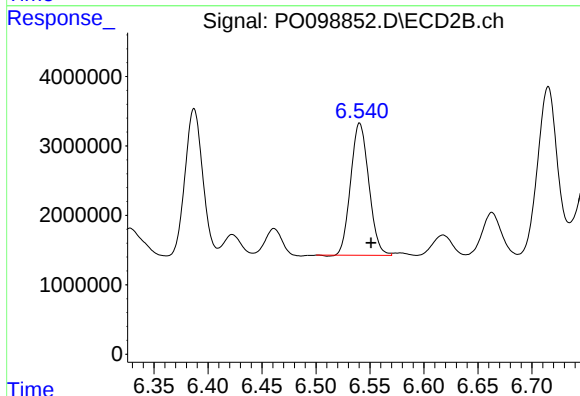
R.T.: 6.387 min
Delta R.T.: -0.010 min
Response: 23778419
Conc: 566.69 ng/ml



#33 AR-1260-3

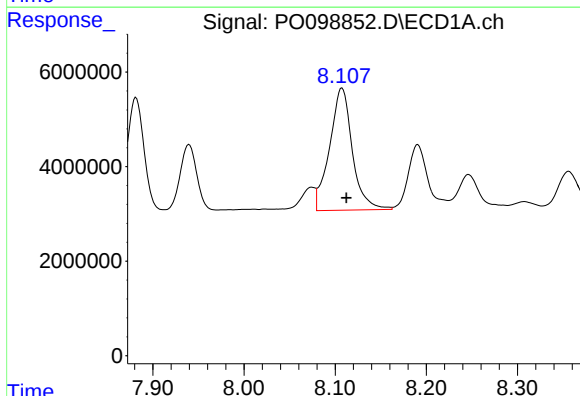
R.T.: 7.881 min
Delta R.T.: -0.003 min
Response: 34210923
Conc: 553.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



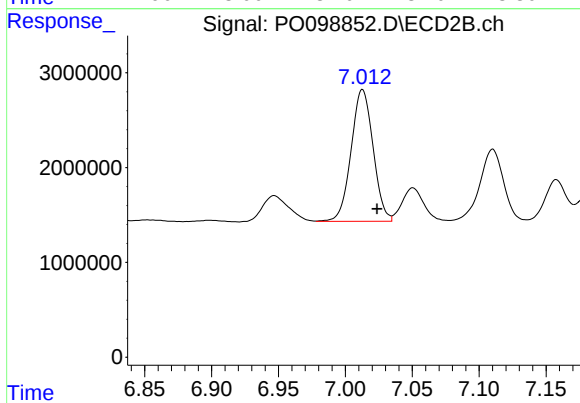
#33 AR-1260-3

R.T.: 6.540 min
Delta R.T.: -0.011 min
Response: 22269615
Conc: 556.50 ng/ml



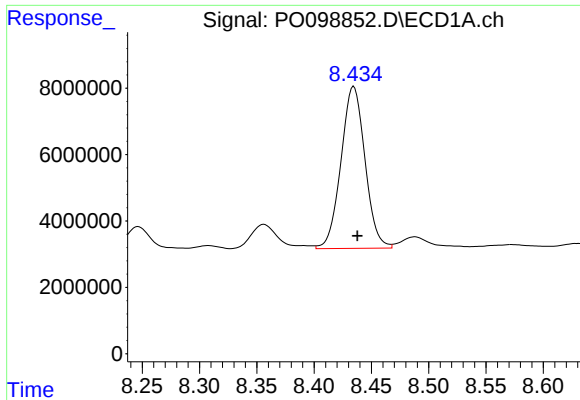
#34 AR-1260-4

R.T.: 8.107 min
Delta R.T.: -0.005 min
Response: 44886835
Conc: 665.85 ng/ml



#34 AR-1260-4

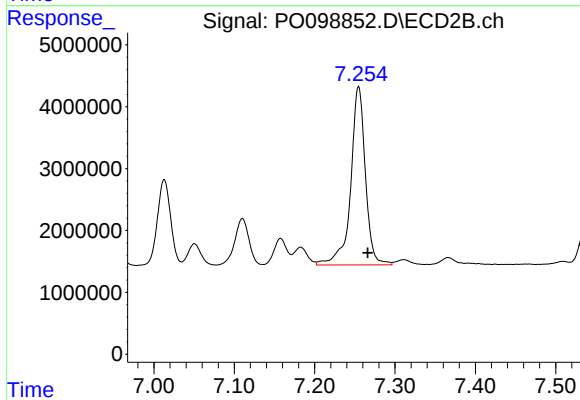
R.T.: 7.013 min
Delta R.T.: -0.011 min
Response: 15899835
Conc: 493.74 ng/ml



#35 AR-1260-5

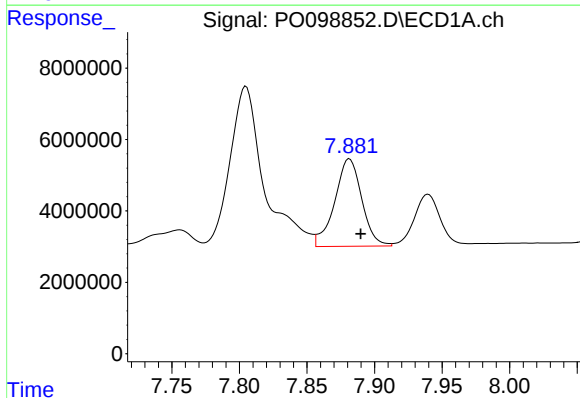
R.T.: 8.435 min
Delta R.T.: -0.003 min
Response: 71207437
Conc: 548.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



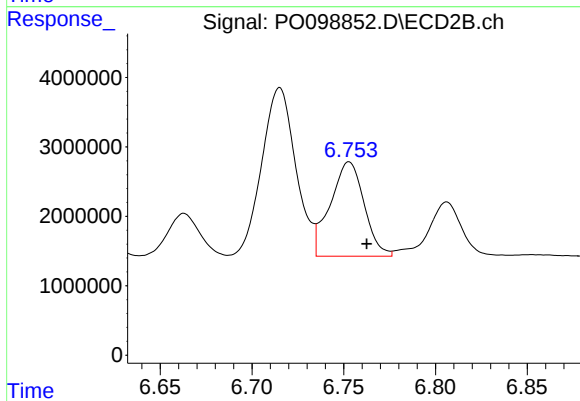
#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: -0.011 min
Response: 36726493
Conc: 524.21 ng/ml



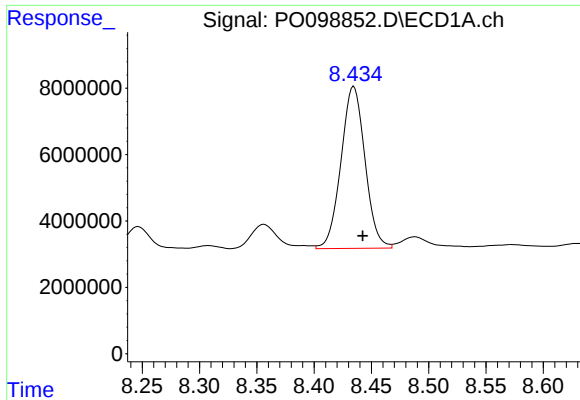
#36 AR-1262-1

R.T.: 7.881 min
Delta R.T.: -0.008 min
Response: 34210923
Conc: 393.36 ng/ml



#36 AR-1262-1

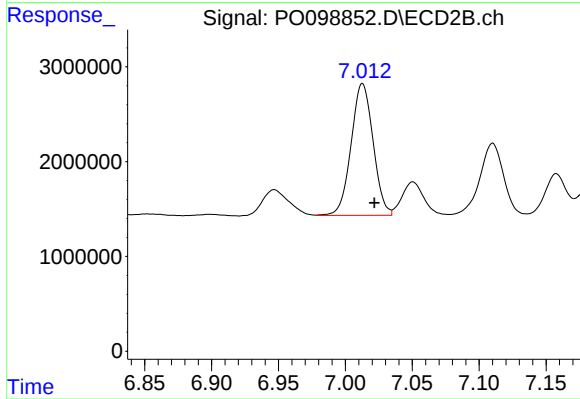
R.T.: 6.753 min
Delta R.T.: -0.010 min
Response: 17486391
Conc: 386.33 ng/ml



#37 AR-1262-2

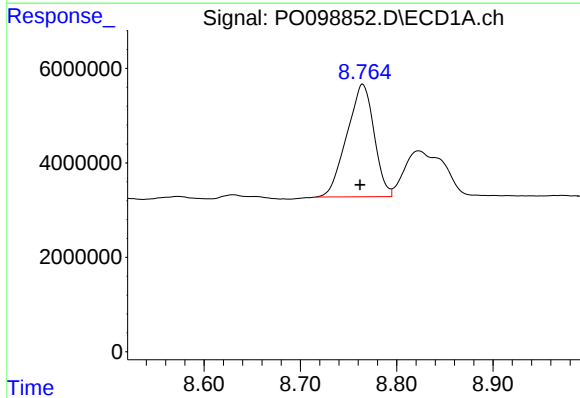
R.T.: 8.435 min
Delta R.T.: -0.008 min
Response: 71207437
Conc: 504.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



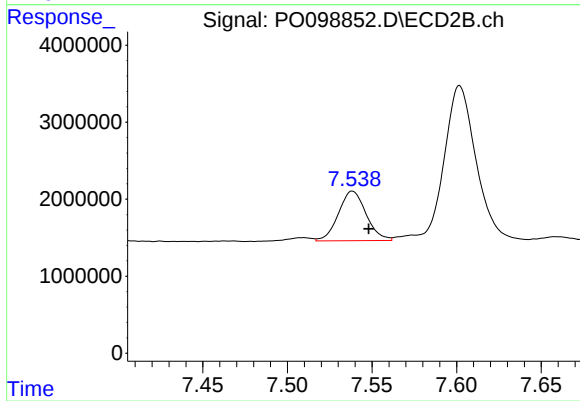
#37 AR-1262-2

R.T.: 7.013 min
Delta R.T.: -0.009 min
Response: 15899835
Conc: 394.30 ng/ml



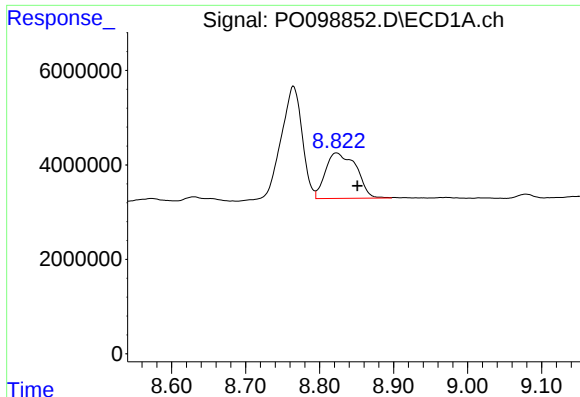
#38 AR-1262-3

R.T.: 8.765 min
Delta R.T.: 0.003 min
Response: 46647217
Conc: 472.46 ng/ml



#38 AR-1262-3

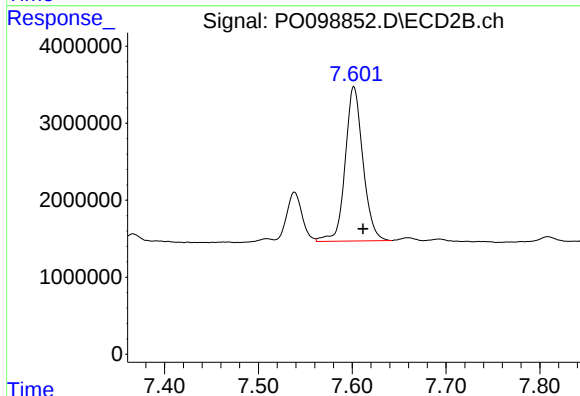
R.T.: 7.538 min
Delta R.T.: -0.009 min
Response: 7361808
Conc: 237.14 ng/ml



#39 AR-1262-4

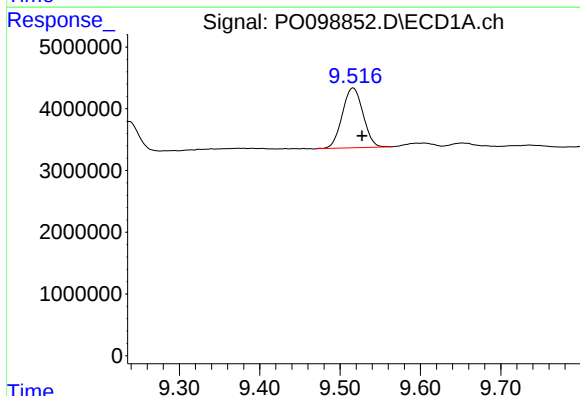
R.T.: 8.823 min
Delta R.T.: -0.028 min
Response: 27845153
Conc: 362.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



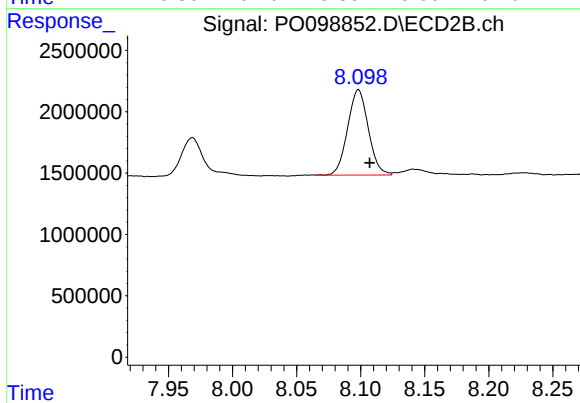
#39 AR-1262-4

R.T.: 7.602 min
Delta R.T.: -0.010 min
Response: 26375748
Conc: 486.88 ng/ml



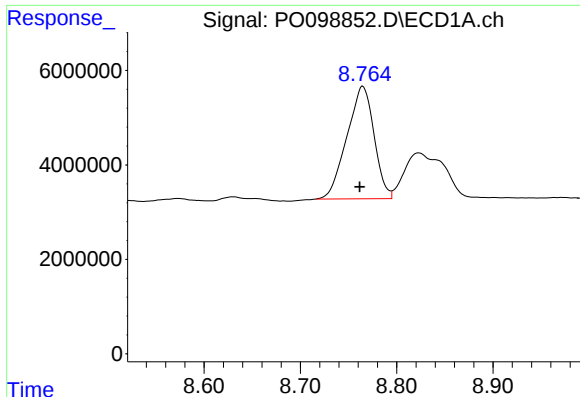
#40 AR-1262-5

R.T.: 9.516 min
Delta R.T.: -0.011 min
Response: 17410385
Conc: 358.92 ng/ml



#40 AR-1262-5

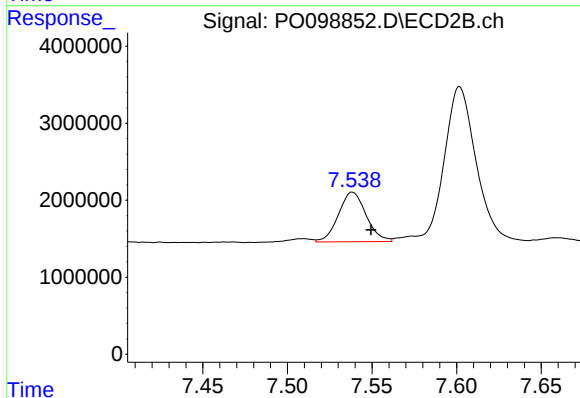
R.T.: 8.098 min
Delta R.T.: -0.009 min
Response: 7824570
Conc: 316.85 ng/ml



#41 AR-1268-1

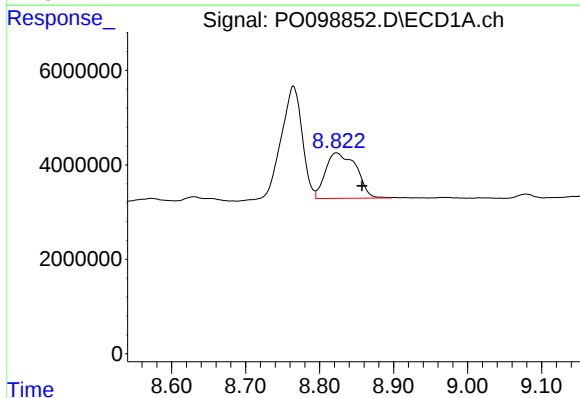
R.T.: 8.765 min
Delta R.T.: 0.003 min
Response: 46647217
Conc: 268.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



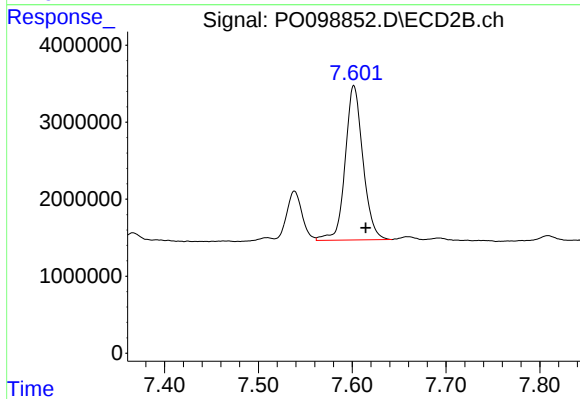
#41 AR-1268-1

R.T.: 7.538 min
Delta R.T.: -0.011 min
Response: 7361808
Conc: 80.56 ng/ml



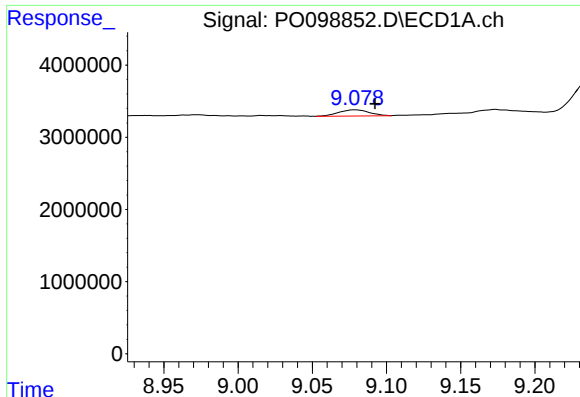
#42 AR-1268-2

R.T.: 8.823 min
Delta R.T.: -0.034 min
Response: 27845153
Conc: 178.58 ng/ml



#42 AR-1268-2

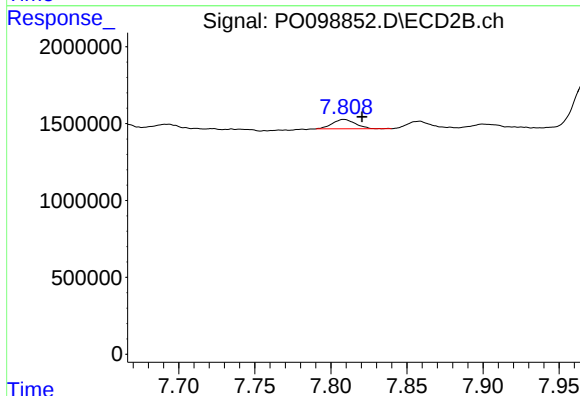
R.T.: 7.602 min
Delta R.T.: -0.013 min
Response: 26375748
Conc: 340.16 ng/ml



#43 AR-1268-3

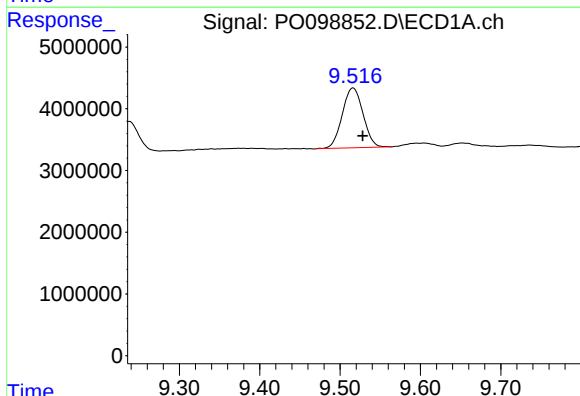
R.T.: 9.079 min
Delta R.T.: -0.013 min
Response: 1213287
Conc: 8.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



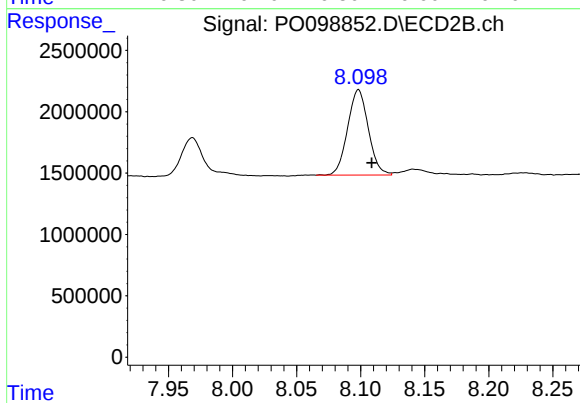
#43 AR-1268-3

R.T.: 7.809 min
Delta R.T.: -0.012 min
Response: 648238
Conc: 9.78 ng/ml



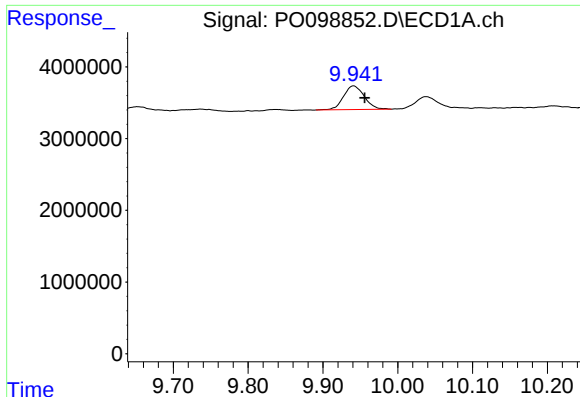
#44 AR-1268-4

R.T.: 9.516 min
Delta R.T.: -0.012 min
Response: 17410385
Conc: 326.84 ng/ml



#44 AR-1268-4

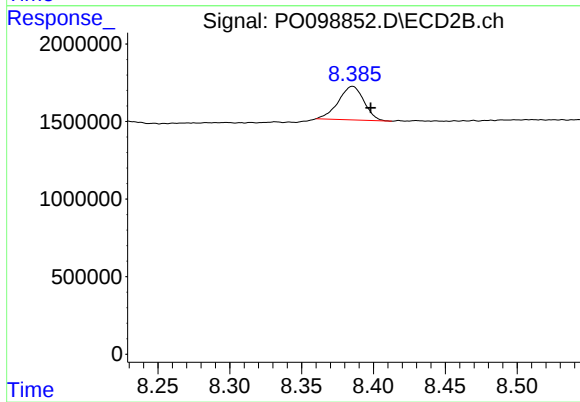
R.T.: 8.098 min
Delta R.T.: -0.010 min
Response: 7824570
Conc: 289.07 ng/ml



#45 AR-1268-5

R.T.: 9.941 min
Delta R.T.: -0.015 min
Response: 6399254
Conc: 14.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.385 min
Delta R.T.: -0.013 min
Response: 2687300
Conc: 13.58 ng/ml