

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010623\
 Data File : P0091860.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2023 09:07
 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 06 20:48:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 01:51:19 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...	4.292	3.467	188.0E6	76349591	58.497	55.304
2)	SA Decachlor...	10.035	8.462	133.3E6	67158544	56.151	53.360
Target Compounds							
3)	L1 AR-1016-1	5.468	4.550	62718557	27009250	564.965	547.527
4)	L1 AR-1016-2	5.490	4.568	91029884	39422962	576.127	560.591
5)	L1 AR-1016-3	5.552	4.743	57286187	21278629	551.747	545.485
6)	L1 AR-1016-4	5.651	4.787	45211285	16702779	573.138	512.314
7)	L1 AR-1016-5	5.949	5.000	48120146	24336451	550.825	587.866
8)	L2 AR-1221-1	4.498	3.678	6968936	2903304	171.882	158.969
9)	L2 AR-1221-2	4.589	3.765	10033222	4597927	336.478	332.413
10)	L2 AR-1221-3	4.665	3.840	36398413	16560380	404.544	396.724
11)	L3 AR-1232-1	4.665	3.840	36398413	16560380	469.958	452.611
12)	L3 AR-1232-2	5.198	4.568	48635037	39422962	1277.060	1201.659
13)	L3 AR-1232-3	5.490	4.743	91029884	21278629	1282.490	1204.173
14)	L3 AR-1232-4	5.651	4.829	45211285	21928116	1298.423	1261.730
15)	L3 AR-1232-5	5.744	5.000	40317781	24336451	1473.474	1284.673
16)	L4 AR-1242-1	5.468	4.550	62718557	27009250	679.895	644.903
17)	L4 AR-1242-2	5.490	4.568	91029884	39422962	685.639	666.519
18)	L4 AR-1242-3	5.552	4.743	57286187	21278629	680.517	659.075
19)	L4 AR-1242-4	5.651	4.829	45211285	21928116	692.369	643.220
20)	L4 AR-1242-5	6.394	5.352	12859924	23797039	186.222	597.794 #
21)	L5 AR-1248-1	5.468	4.550	62718557	27009250	902.724	864.630
22)	L5 AR-1248-2	5.744	4.787	40317781	16702779	391.239	348.110
23)	L5 AR-1248-3	5.949	4.829	48120146	21928116	421.388	439.192
24)	L5 AR-1248-4	6.355	5.000	15446712	24336451	127.892	419.900 #
25)	L5 AR-1248-5	6.394	5.392	12859924	6939212	108.989	128.825
26)	L6 AR-1254-1	6.329	5.352	40059240	23797039	313.229	281.817
27)	L6 AR-1254-2	6.549	5.501	35015312	16863270	176.423	218.988
28)	L6 AR-1254-3	6.917	5.921	13702860	31354966	69.018	261.775 #
29)	L6 AR-1254-4	7.205	6.135	13481386	2801436	94.702	37.641 #
30)	L6 AR-1254-5	7.626	6.554	106.7E6	55512893	724.391	524.117 #
31)	L7 AR-1260-1	7.083	6.036	86862271	45210271	564.155	551.193
32)	L7 AR-1260-2	7.342	6.226	96108591	52738882	540.892	544.697
33)	L7 AR-1260-3	7.704	6.378	71575399	49185180	557.266	502.624
34)	L7 AR-1260-4	7.931	6.853	81041702	40536920	542.148	538.894
35)	L7 AR-1260-5	8.247	7.098	157.2E6	89271243	579.296	540.430
36)	L8 AR-1262-1	7.704	6.593	71575399	43731651	431.240	443.386
37)	L8 AR-1262-2	8.247	7.098	157.2E6	89271243	566.075	546.540
38)	L8 AR-1262-3	8.566	7.381	98650714	21437881	505.532	311.793 #
39)	L8 AR-1262-4	8.642	7.444	26768775	64768259	274.091	533.407 #
40)	L8 AR-1262-5	9.292	7.941	43590103	22714438	420.314	392.622
41)	L9 AR-1268-1	8.566	7.381	98650714	21437881	271.784	101.068 #

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 ALS Vial : 3 Sample Multiplier: 1

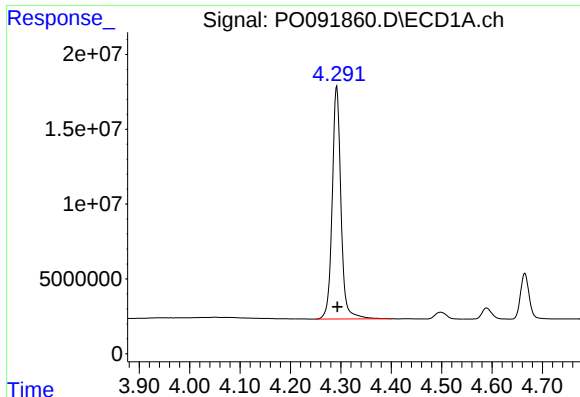
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 06 20:48:05 2023
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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	8.642	7.444	26768775	64768259	80.906	345.292 #
43) L9	AR-1268-3	8.870	7.651	1876238	1207660	6.741	7.301
44) L9	AR-1268-4	9.292	7.941	43590103	22714438	356.038	330.980
45) L9	AR-1268-5	9.702	8.220	12032288	6582832	13.763	14.140

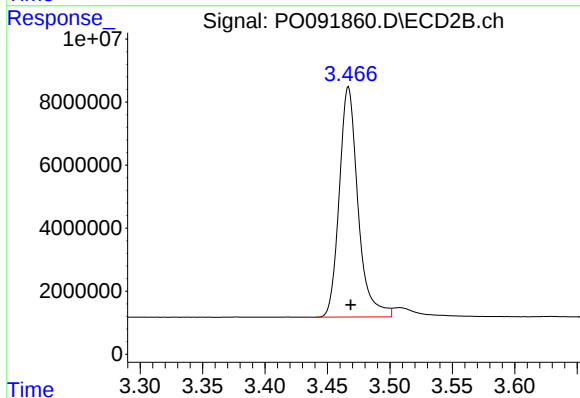
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

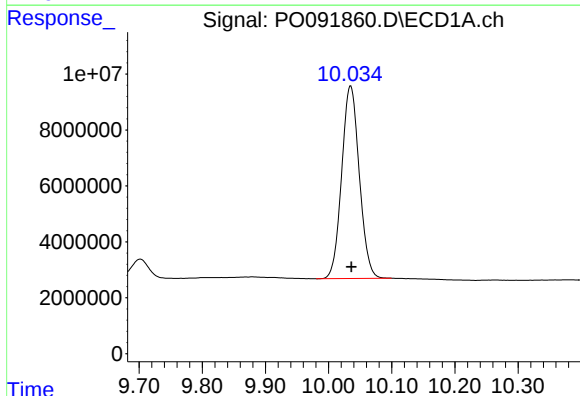
R.T.: 4.292 min
Delta R.T.: -0.001 min
Response: 187984110
Conc: 58.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



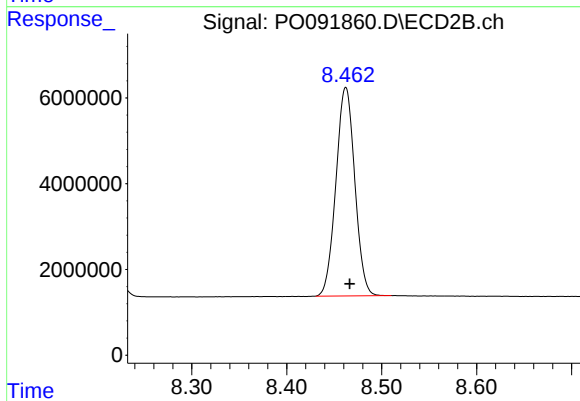
#1 Tetrachloro-m-xylene

R.T.: 3.467 min
Delta R.T.: -0.002 min
Response: 76349591
Conc: 55.30 ng/ml



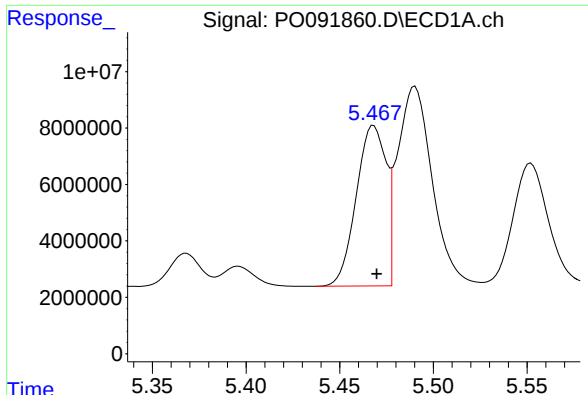
#2 Decachlorobiphenyl

R.T.: 10.035 min
Delta R.T.: 0.000 min
Response: 133289480
Conc: 56.15 ng/ml



#2 Decachlorobiphenyl

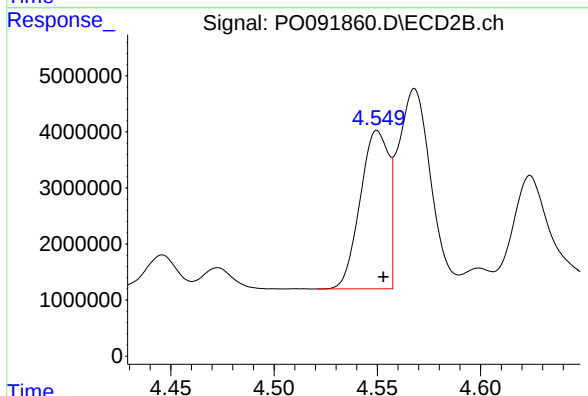
R.T.: 8.462 min
Delta R.T.: -0.004 min
Response: 67158544
Conc: 53.36 ng/ml



#3 AR-1016-1

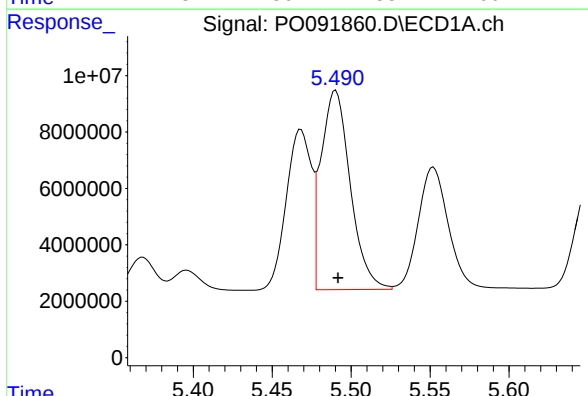
R.T.: 5.468 min
Delta R.T.: -0.001 min
Response: 62718557
Conc: 564.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



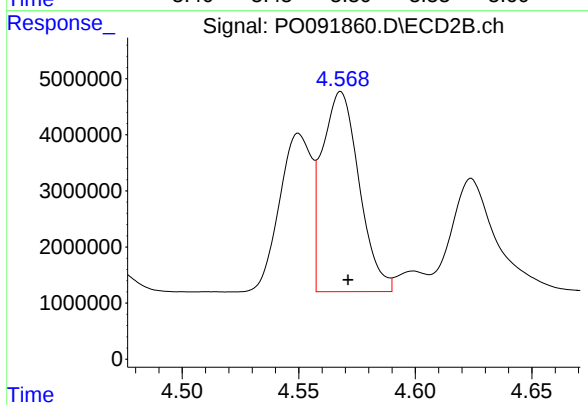
#3 AR-1016-1

R.T.: 4.550 min
Delta R.T.: -0.003 min
Response: 27009250
Conc: 547.53 ng/ml



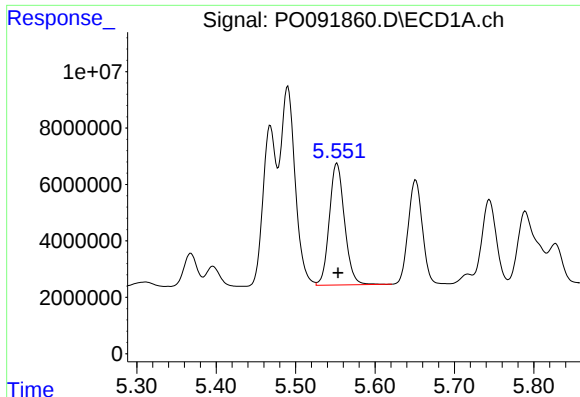
#4 AR-1016-2

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 91029884
Conc: 576.13 ng/ml



#4 AR-1016-2

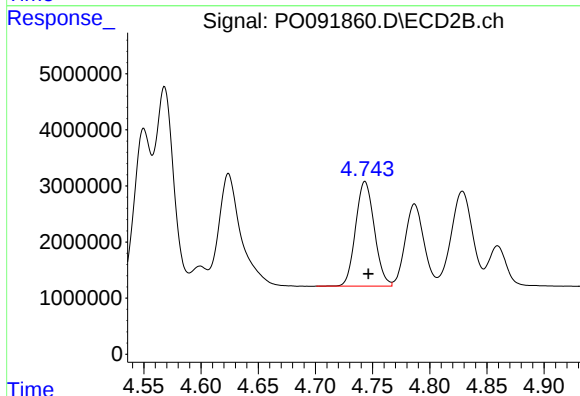
R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 39422962
Conc: 560.59 ng/ml



#5 AR-1016-3

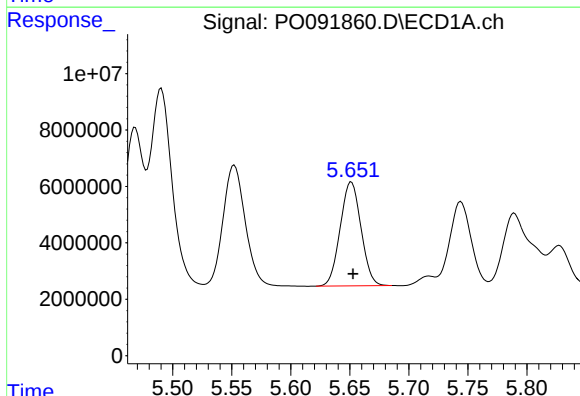
R.T.: 5.552 min
Delta R.T.: -0.001 min
Response: 57286187
Conc: 551.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



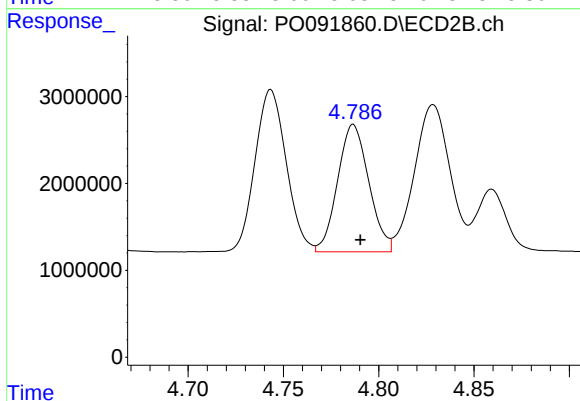
#5 AR-1016-3

R.T.: 4.743 min
Delta R.T.: -0.003 min
Response: 21278629
Conc: 545.48 ng/ml



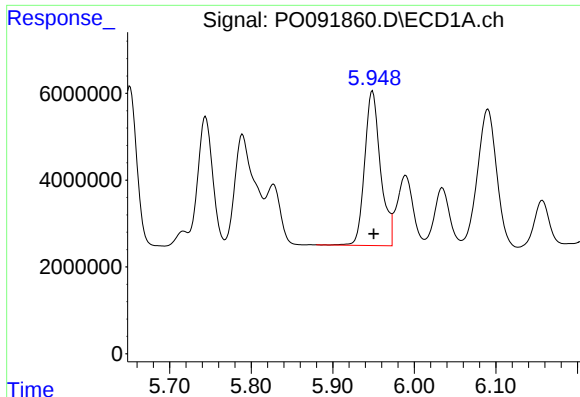
#6 AR-1016-4

R.T.: 5.651 min
Delta R.T.: -0.001 min
Response: 45211285
Conc: 573.14 ng/ml



#6 AR-1016-4

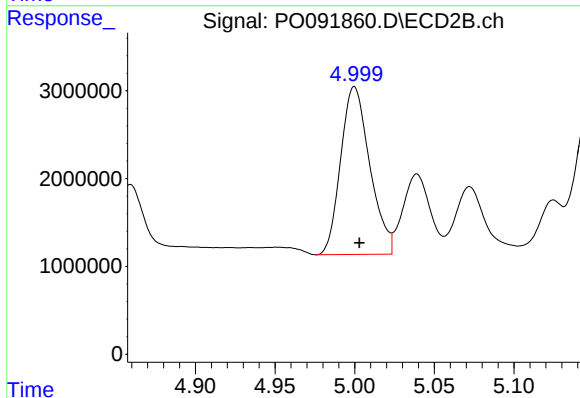
R.T.: 4.787 min
Delta R.T.: -0.004 min
Response: 16702779
Conc: 512.31 ng/ml



#7 AR-1016-5

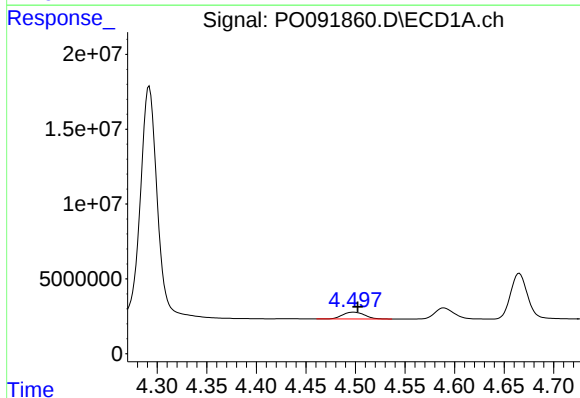
R.T.: 5.949 min
Delta R.T.: -0.001 min
Response: 48120146
Conc: 550.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



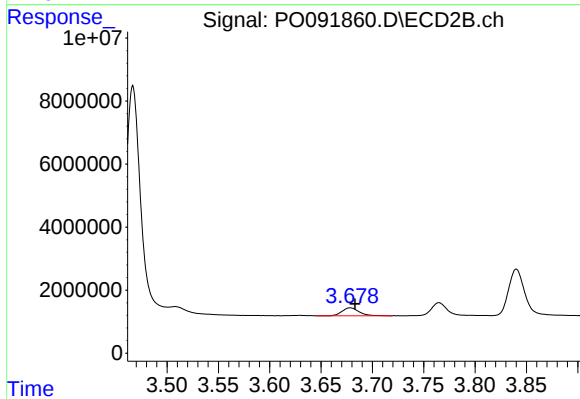
#7 AR-1016-5

R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 24336451
Conc: 587.87 ng/ml



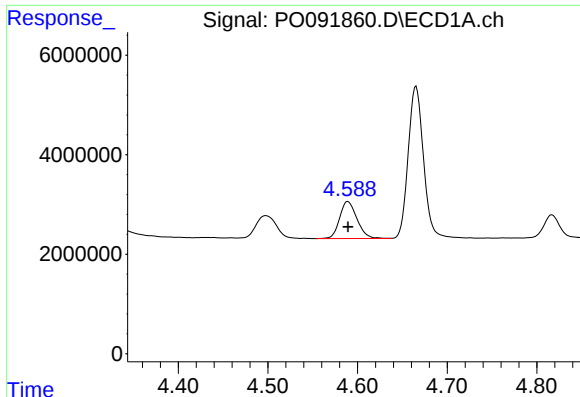
#8 AR-1221-1

R.T.: 4.498 min
Delta R.T.: -0.005 min
Response: 6968936
Conc: 171.88 ng/ml



#8 AR-1221-1

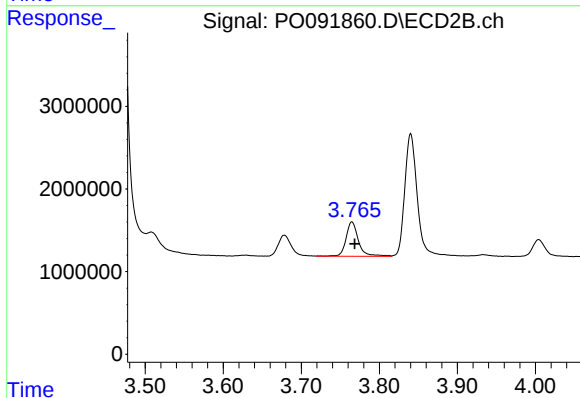
R.T.: 3.678 min
Delta R.T.: -0.005 min
Response: 2903304
Conc: 158.97 ng/ml



#9 AR-1221-2

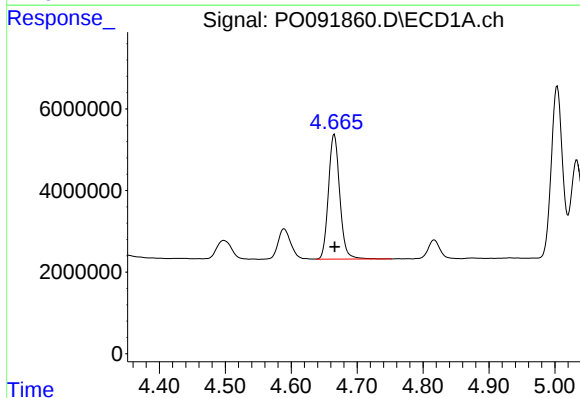
R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 10033222
Conc: 336.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



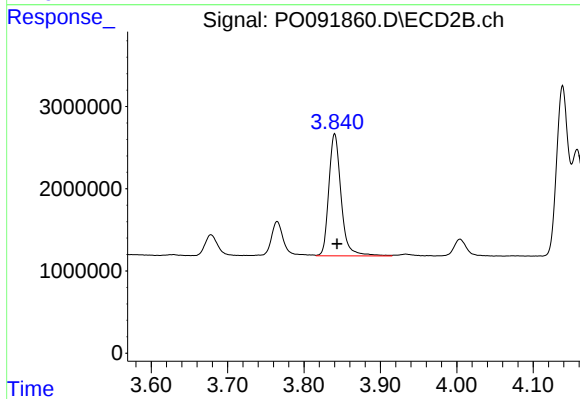
#9 AR-1221-2

R.T.: 3.765 min
Delta R.T.: -0.004 min
Response: 4597927
Conc: 332.41 ng/ml



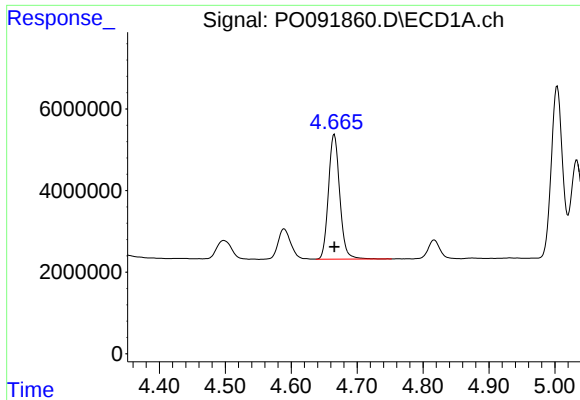
#10 AR-1221-3

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 36398413
Conc: 404.54 ng/ml



#10 AR-1221-3

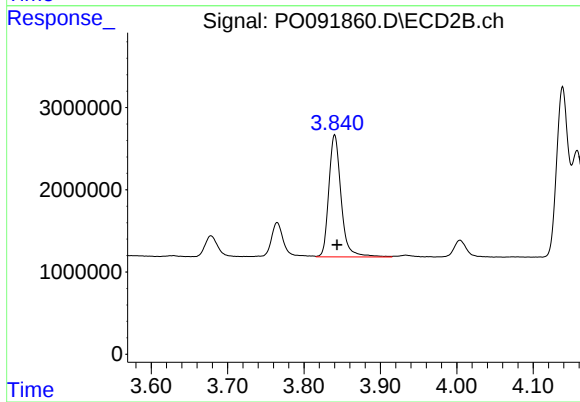
R.T.: 3.840 min
Delta R.T.: -0.003 min
Response: 16560380
Conc: 396.72 ng/ml



#11 AR-1232-1

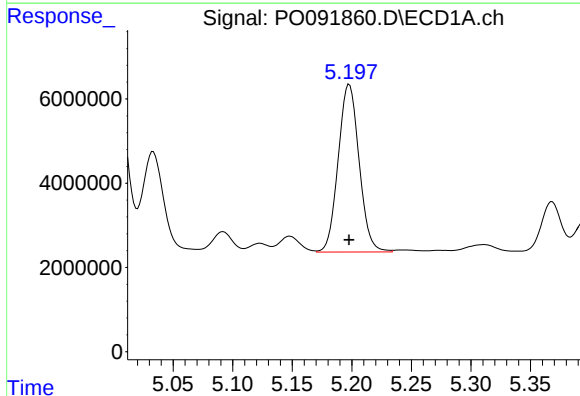
R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 36398413
Conc: 469.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



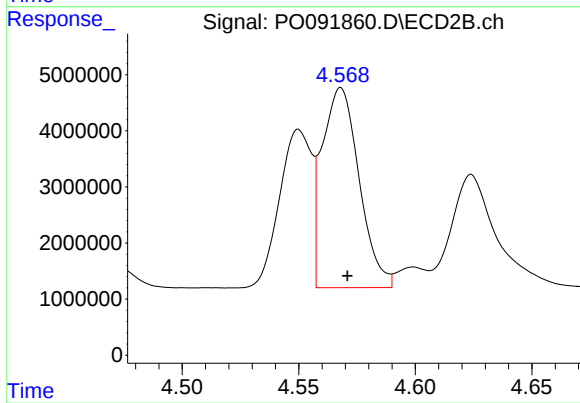
#11 AR-1232-1

R.T.: 3.840 min
Delta R.T.: -0.003 min
Response: 16560380
Conc: 452.61 ng/ml



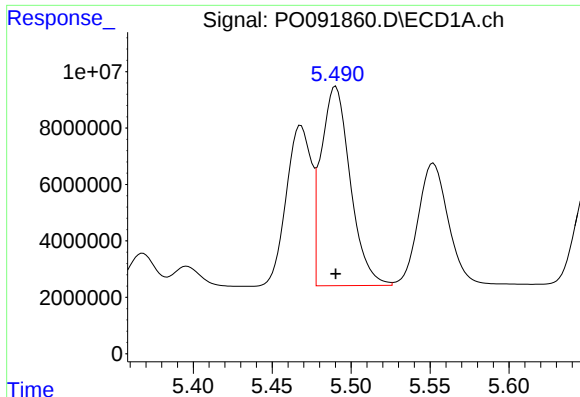
#12 AR-1232-2

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 48635037
Conc: 1277.06 ng/ml



#12 AR-1232-2

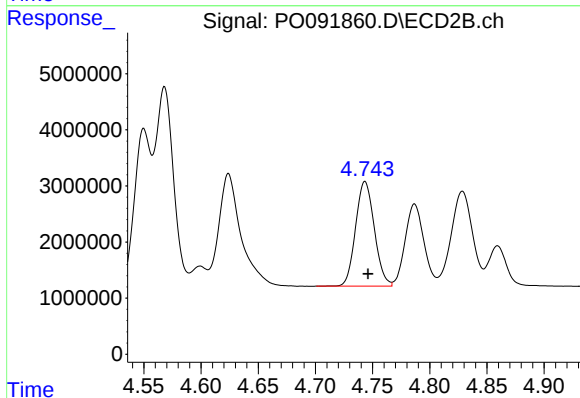
R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 39422962
Conc: 1201.66 ng/ml



#13 AR-1232-3

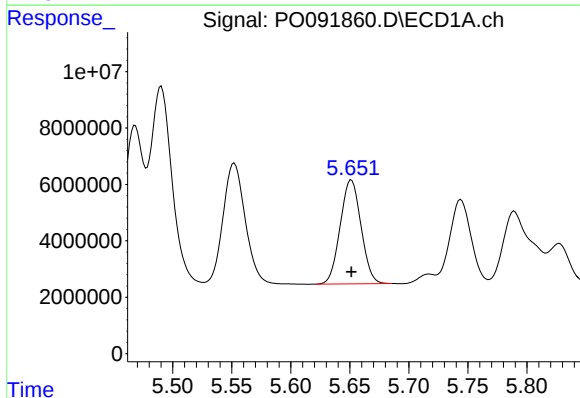
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 91029884
Conc: 1282.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



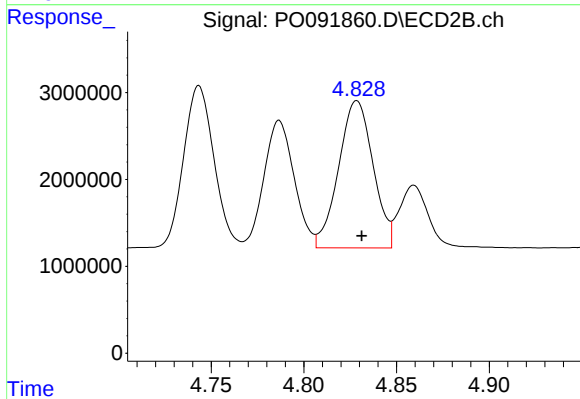
#13 AR-1232-3

R.T.: 4.743 min
Delta R.T.: -0.003 min
Response: 21278629
Conc: 1204.17 ng/ml



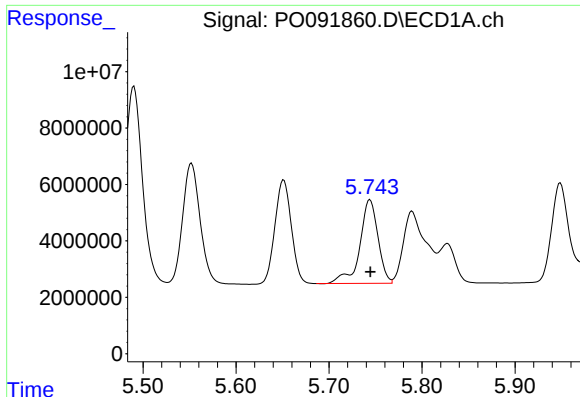
#14 AR-1232-4

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 45211285
Conc: 1298.42 ng/ml



#14 AR-1232-4

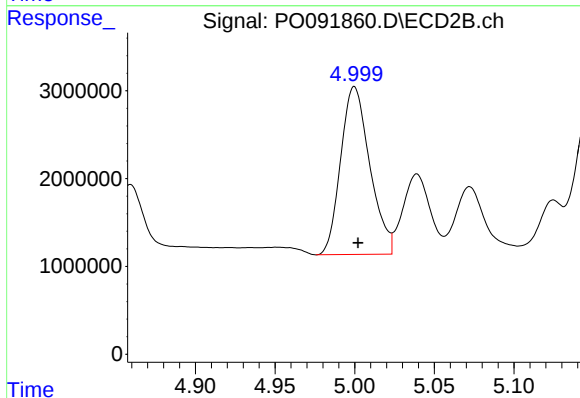
R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 21928116
Conc: 1261.73 ng/ml



#15 AR-1232-5

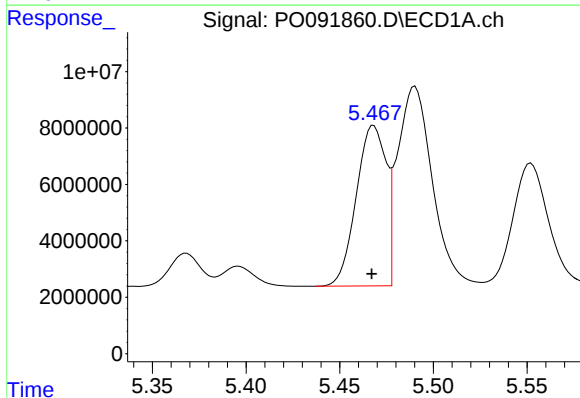
R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 40317781
Conc: 1473.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



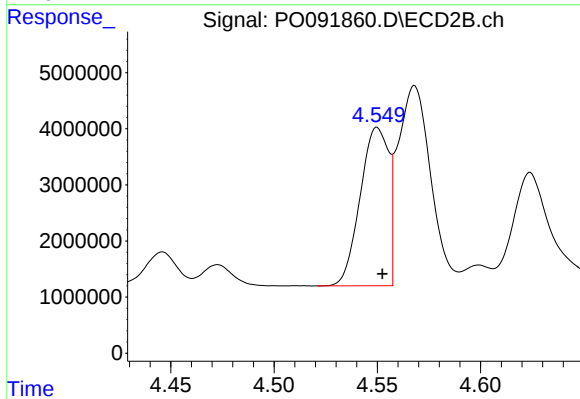
#15 AR-1232-5

R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 24336451
Conc: 1284.67 ng/ml



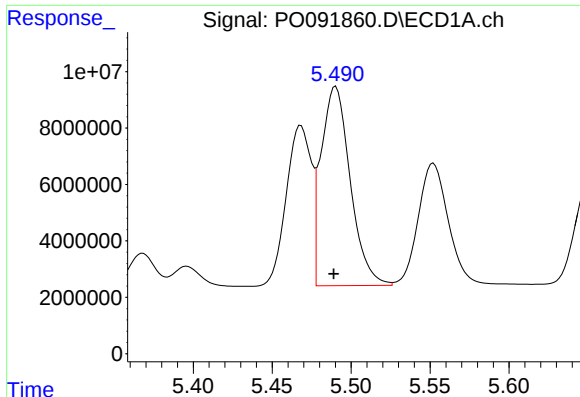
#16 AR-1242-1

R.T.: 5.468 min
Delta R.T.: 0.001 min
Response: 62718557
Conc: 679.90 ng/ml



#16 AR-1242-1

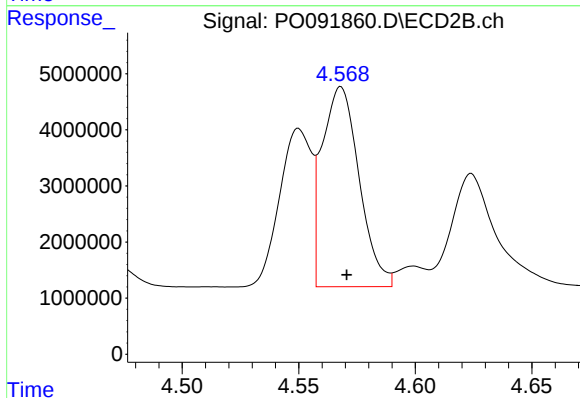
R.T.: 4.550 min
Delta R.T.: -0.002 min
Response: 27009250
Conc: 644.90 ng/ml



#17 AR-1242-2

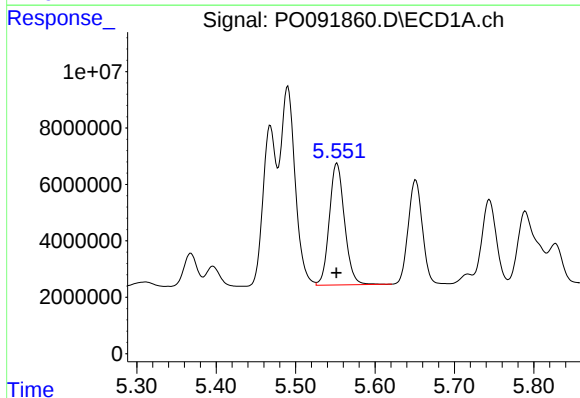
R.T.: 5.490 min
Delta R.T.: 0.001 min
Response: 91029884
Conc: 685.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



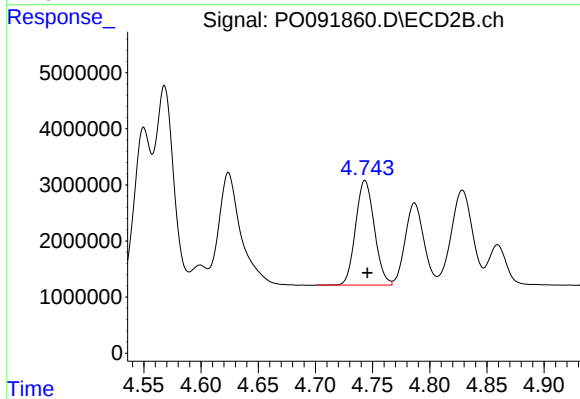
#17 AR-1242-2

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 39422962
Conc: 666.52 ng/ml



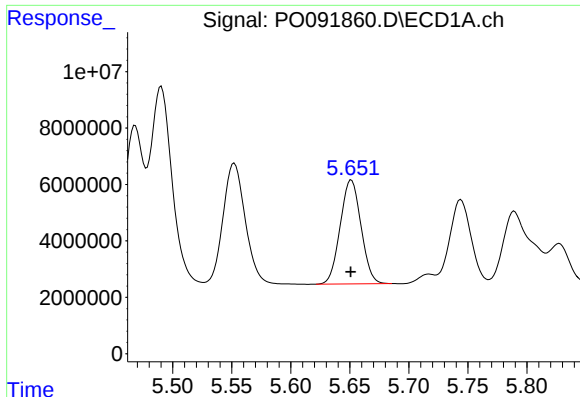
#18 AR-1242-3

R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 57286187
Conc: 680.52 ng/ml



#18 AR-1242-3

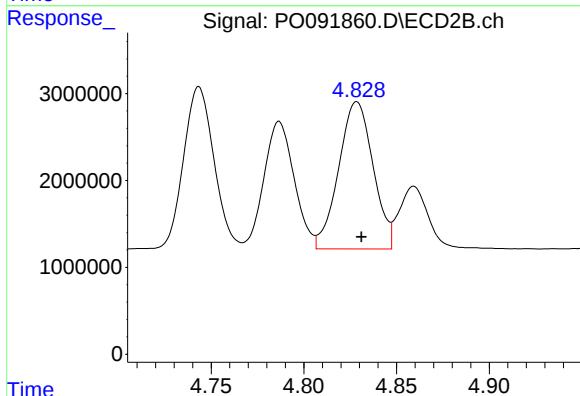
R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 21278629
Conc: 659.08 ng/ml



#19 AR-1242-4

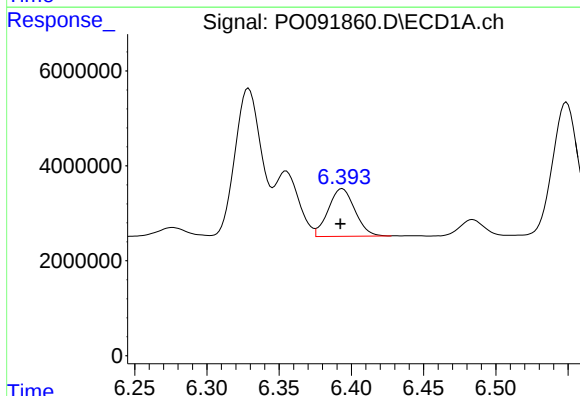
R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 45211285
Conc: 692.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



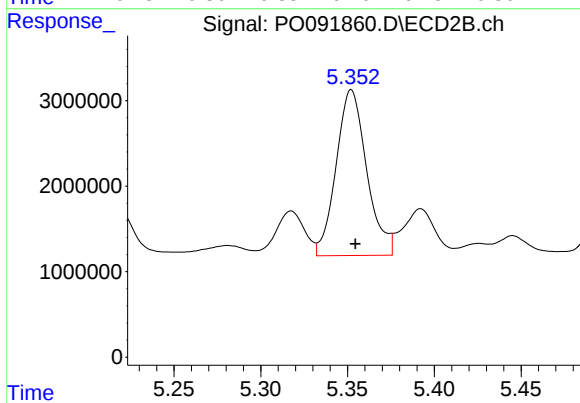
#19 AR-1242-4

R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 21928116
Conc: 643.22 ng/ml



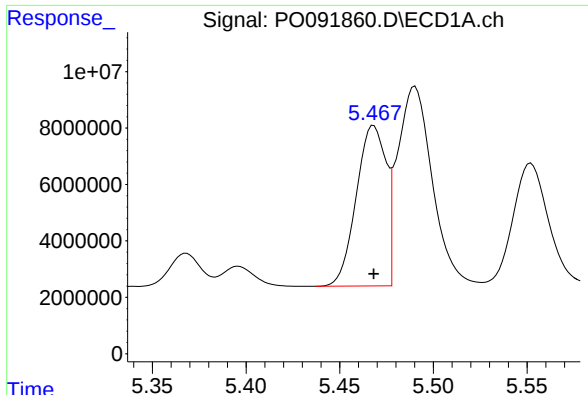
#20 AR-1242-5

R.T.: 6.394 min
Delta R.T.: 0.001 min
Response: 12859924
Conc: 186.22 ng/ml



#20 AR-1242-5

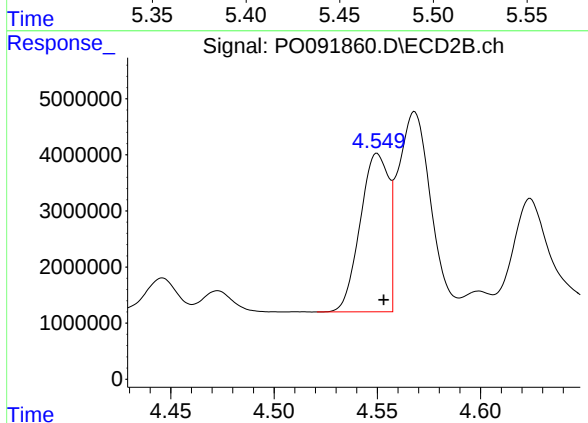
R.T.: 5.352 min
Delta R.T.: -0.002 min
Response: 23797039
Conc: 597.79 ng/ml



#21 AR-1248-1

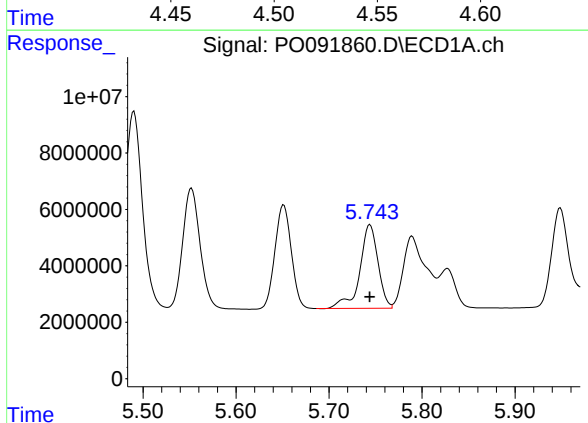
R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 62718557
Conc: 902.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



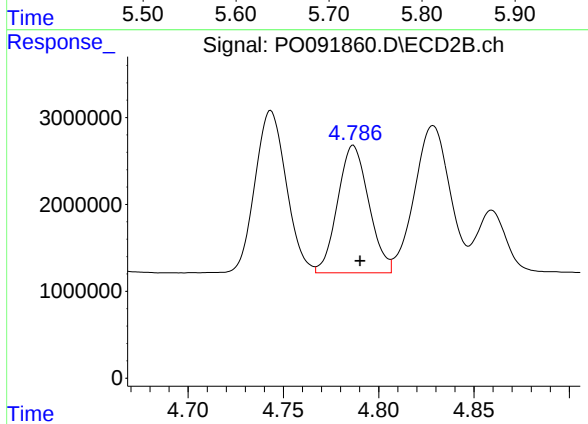
#21 AR-1248-1

R.T.: 4.550 min
Delta R.T.: -0.003 min
Response: 27009250
Conc: 864.63 ng/ml



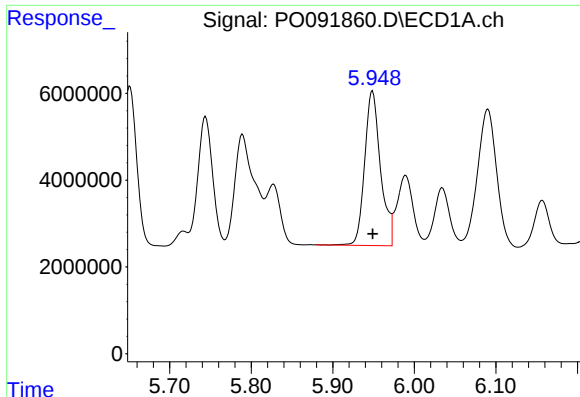
#22 AR-1248-2

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 40317781
Conc: 391.24 ng/ml



#22 AR-1248-2

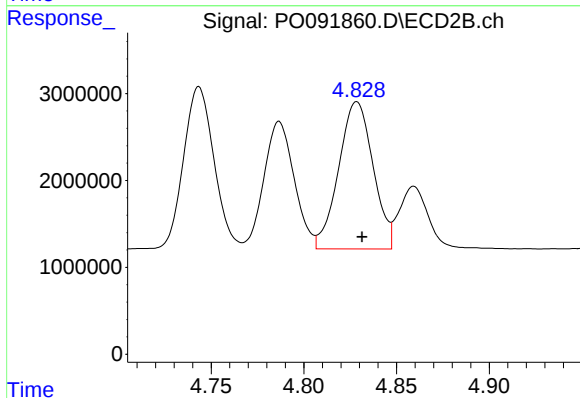
R.T.: 4.787 min
Delta R.T.: -0.004 min
Response: 16702779
Conc: 348.11 ng/ml



#23 AR-1248-3

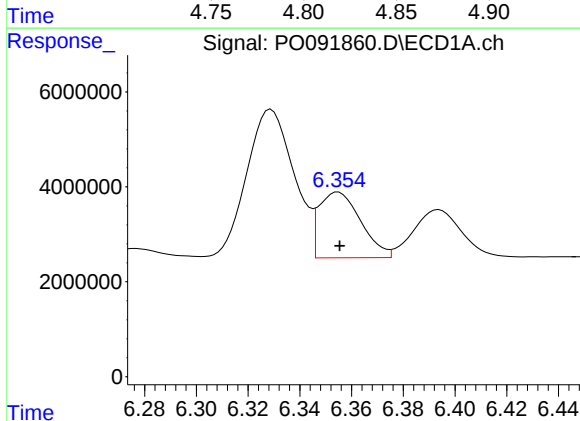
R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 48120146
Conc: 421.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



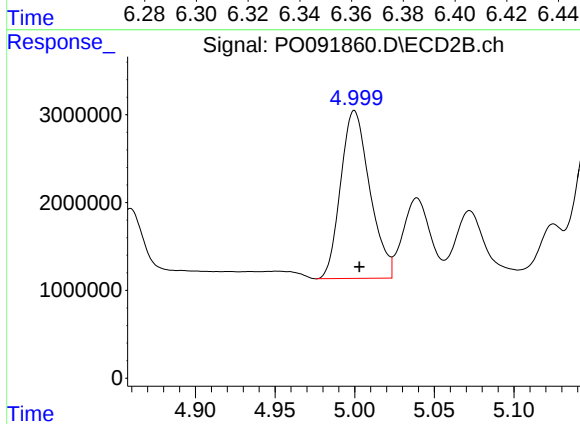
#23 AR-1248-3

R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 21928116
Conc: 439.19 ng/ml



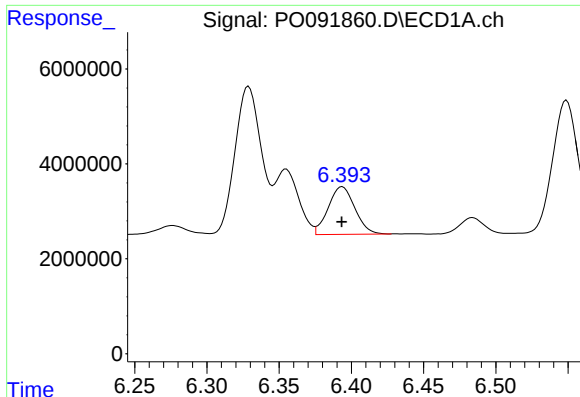
#24 AR-1248-4

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 15446712
Conc: 127.89 ng/ml



#24 AR-1248-4

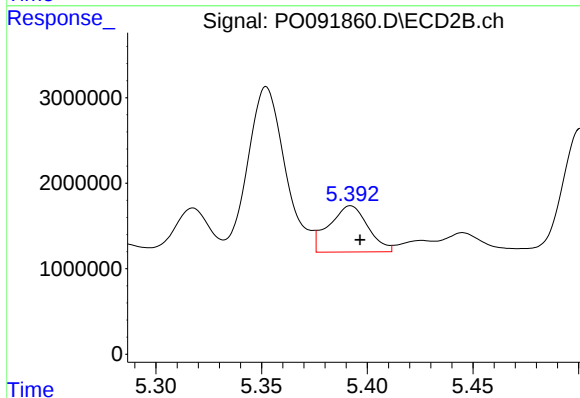
R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 24336451
Conc: 419.90 ng/ml



#25 AR-1248-5

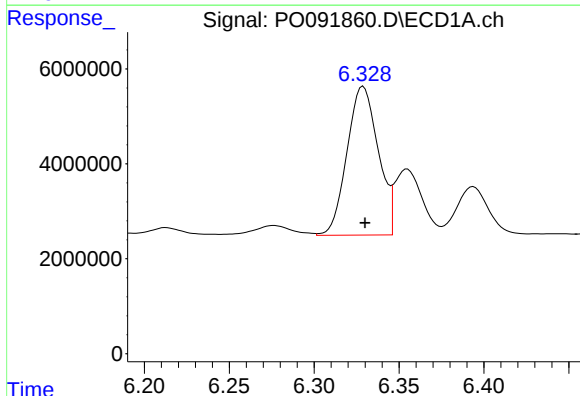
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 12859924
Conc: 108.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



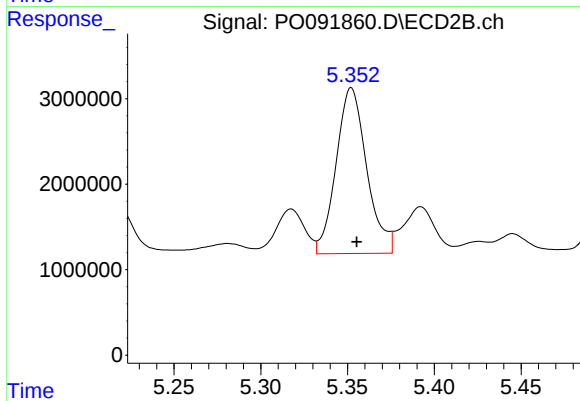
#25 AR-1248-5

R.T.: 5.392 min
Delta R.T.: -0.004 min
Response: 6939212
Conc: 128.82 ng/ml



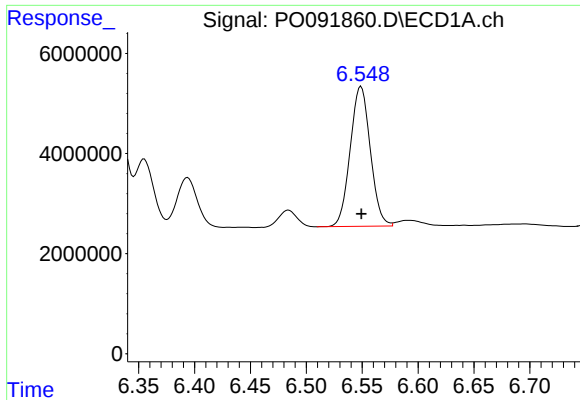
#26 AR-1254-1

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 40059240
Conc: 313.23 ng/ml



#26 AR-1254-1

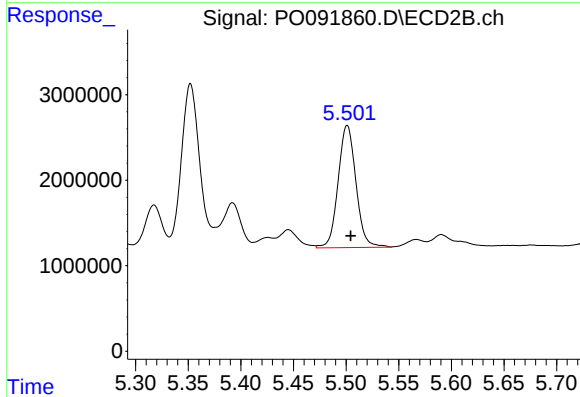
R.T.: 5.352 min
Delta R.T.: -0.003 min
Response: 23797039
Conc: 281.82 ng/ml



#27 AR-1254-2

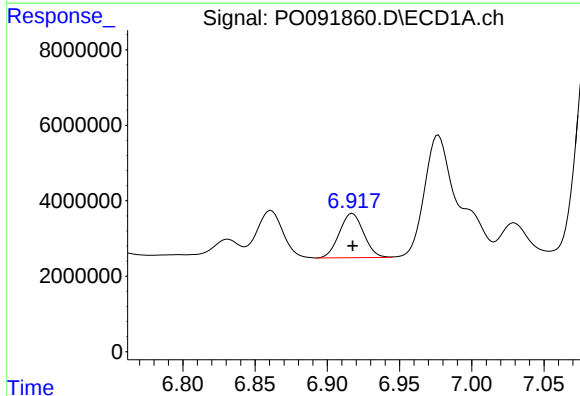
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 35015312
Conc: 176.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



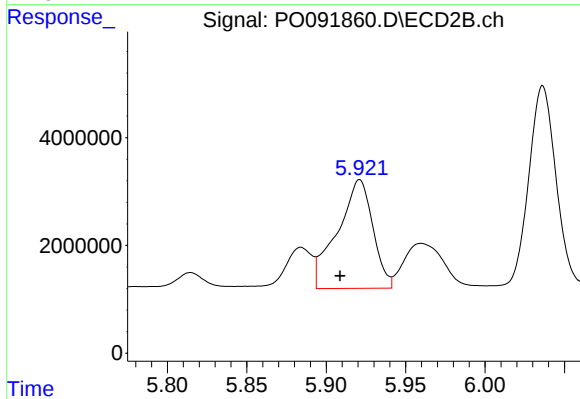
#27 AR-1254-2

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 16863270
Conc: 218.99 ng/ml



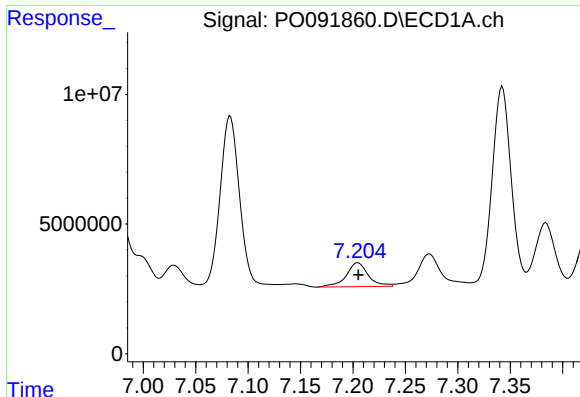
#28 AR-1254-3

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 13702860
Conc: 69.02 ng/ml



#28 AR-1254-3

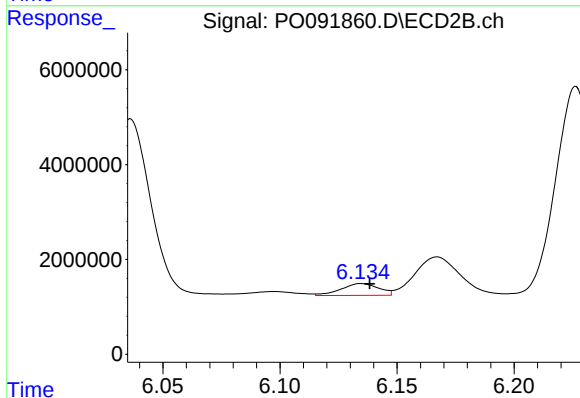
R.T.: 5.921 min
Delta R.T.: 0.012 min
Response: 31354966
Conc: 261.78 ng/ml



#29 AR-1254-4

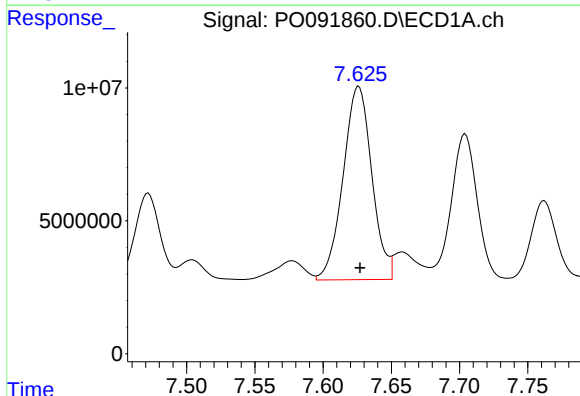
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 13481386
Conc: 94.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



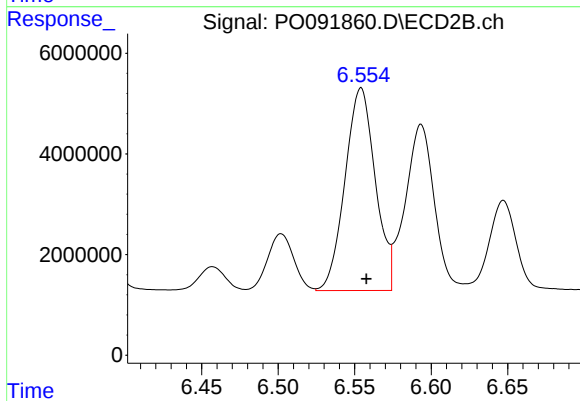
#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: -0.004 min
Response: 2801436
Conc: 37.64 ng/ml



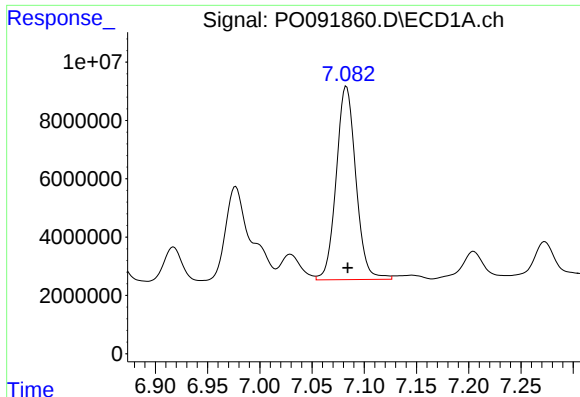
#30 AR-1254-5

R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 106667876
Conc: 724.39 ng/ml



#30 AR-1254-5

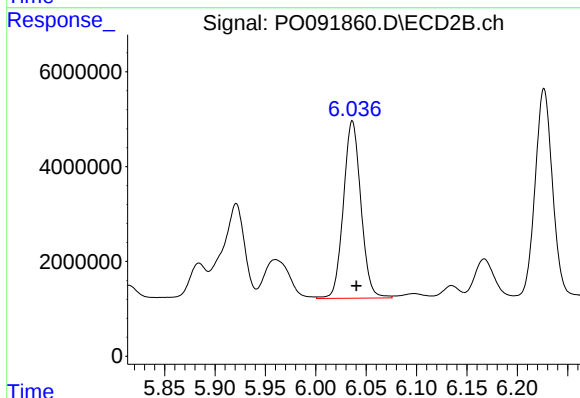
R.T.: 6.554 min
Delta R.T.: -0.004 min
Response: 55512893
Conc: 524.12 ng/ml



#31 AR-1260-1

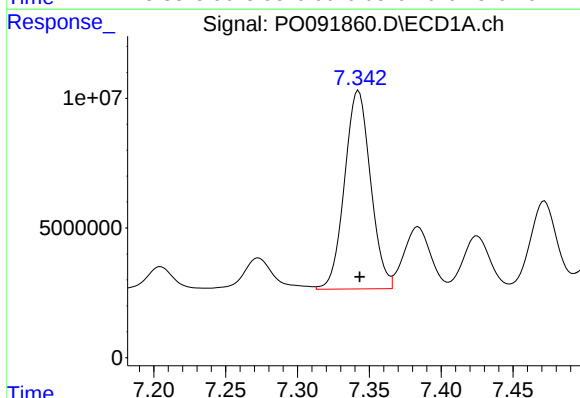
R.T.: 7.083 min
Delta R.T.: -0.001 min
Response: 86862271
Conc: 564.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



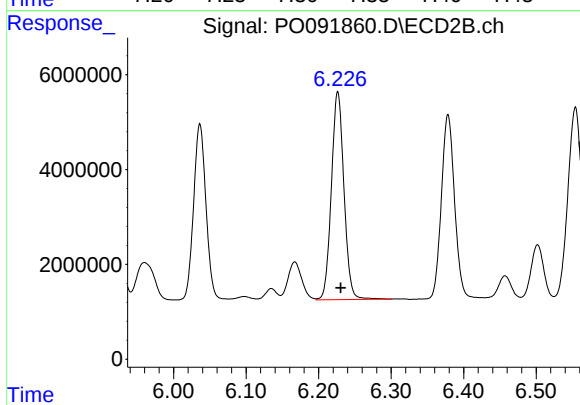
#31 AR-1260-1

R.T.: 6.036 min
Delta R.T.: -0.004 min
Response: 45210271
Conc: 551.19 ng/ml



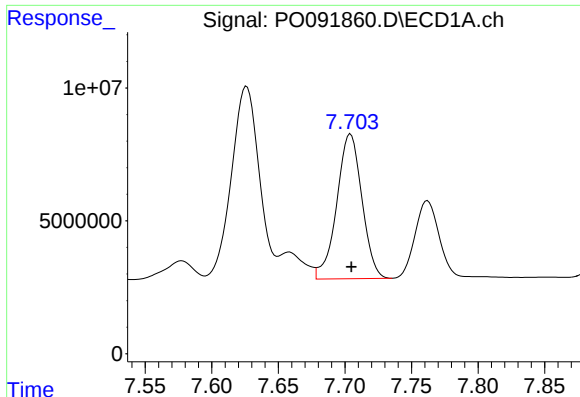
#32 AR-1260-2

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 96108591
Conc: 540.89 ng/ml



#32 AR-1260-2

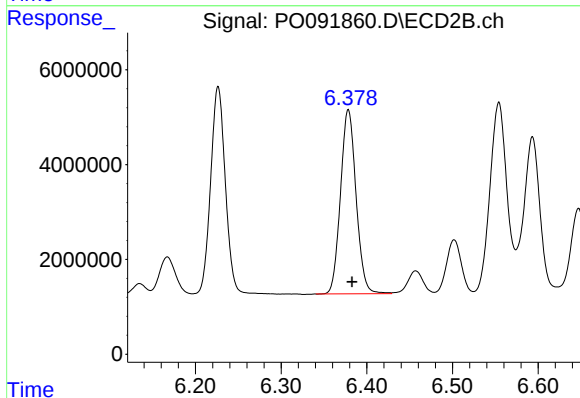
R.T.: 6.226 min
Delta R.T.: -0.004 min
Response: 52738882
Conc: 544.70 ng/ml



#33 AR-1260-3

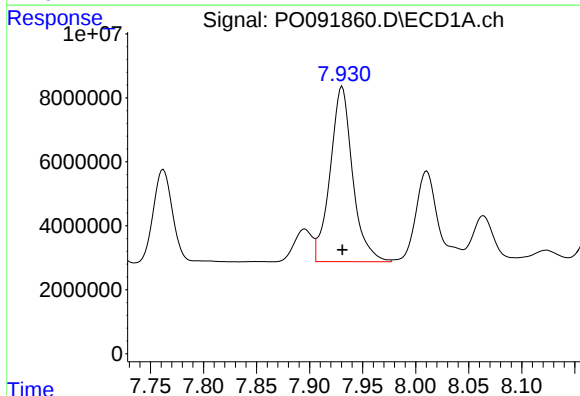
R.T.: 7.704 min
Delta R.T.: 0.000 min
Response: 71575399
Conc: 557.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



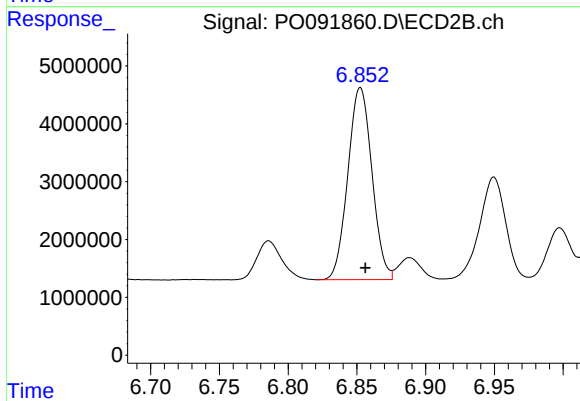
#33 AR-1260-3

R.T.: 6.378 min
Delta R.T.: -0.004 min
Response: 49185180
Conc: 502.62 ng/ml



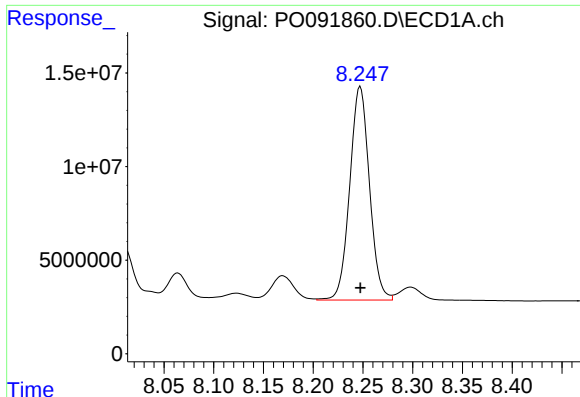
#34 AR-1260-4

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 81041702
Conc: 542.15 ng/ml



#34 AR-1260-4

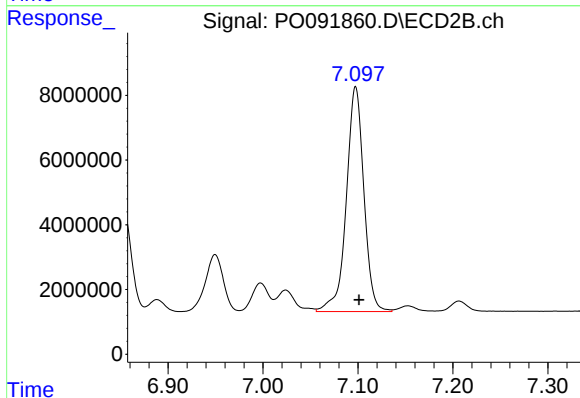
R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 40536920
Conc: 538.89 ng/ml



#35 AR-1260-5

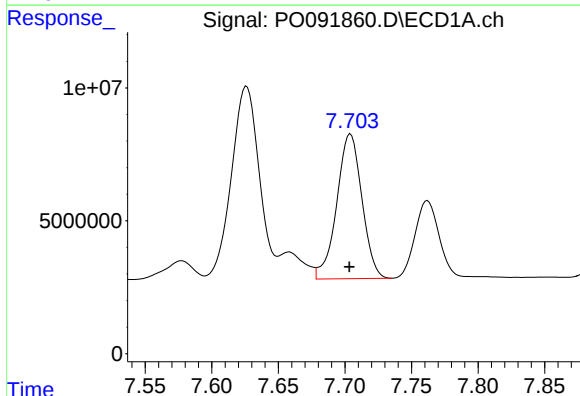
R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 157188303
Conc: 579.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



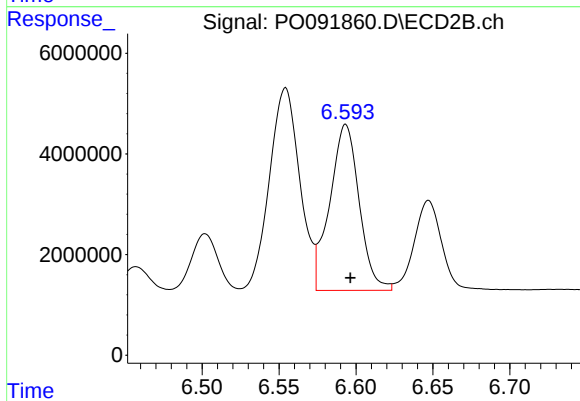
#35 AR-1260-5

R.T.: 7.098 min
Delta R.T.: -0.004 min
Response: 89271243
Conc: 540.43 ng/ml



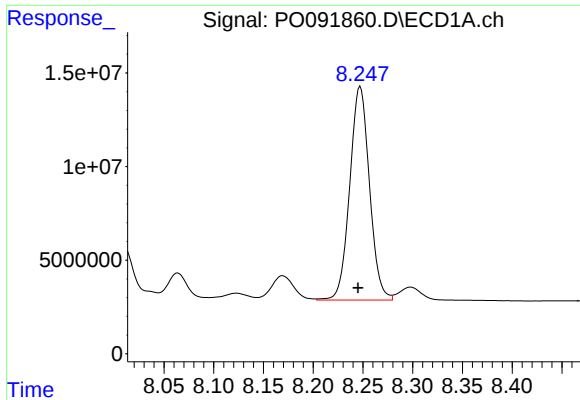
#36 AR-1262-1

R.T.: 7.704 min
Delta R.T.: 0.000 min
Response: 71575399
Conc: 431.24 ng/ml



#36 AR-1262-1

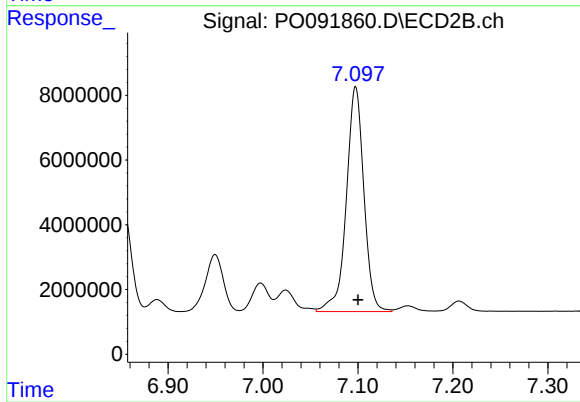
R.T.: 6.593 min
Delta R.T.: -0.003 min
Response: 43731651
Conc: 443.39 ng/ml



#37 AR-1262-2

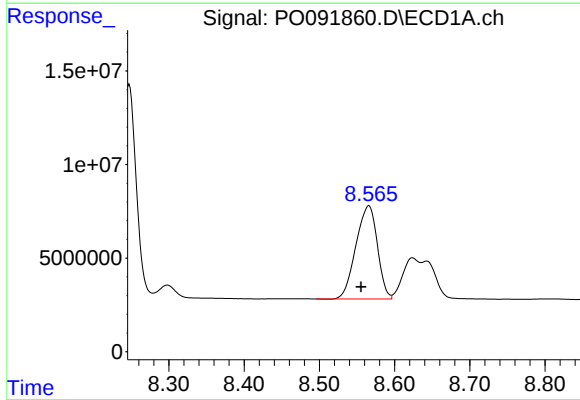
R.T.: 8.247 min
Delta R.T.: 0.002 min
Response: 157188303
Conc: 566.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



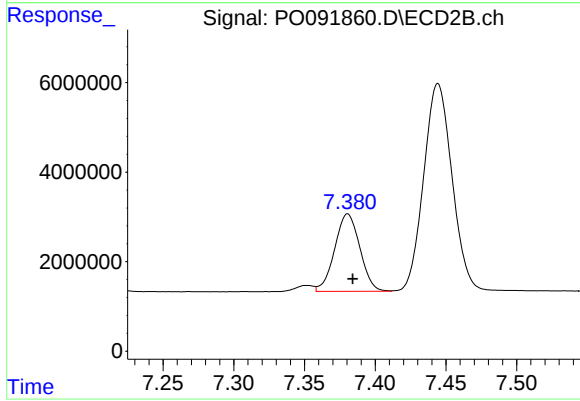
#37 AR-1262-2

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 89271243
Conc: 546.54 ng/ml



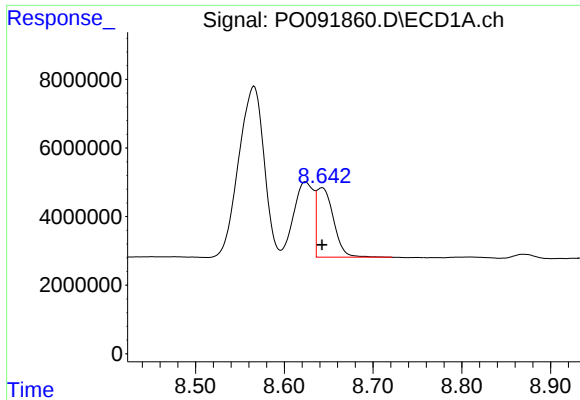
#38 AR-1262-3

R.T.: 8.566 min
Delta R.T.: 0.010 min
Response: 98650714
Conc: 505.53 ng/ml



#38 AR-1262-3

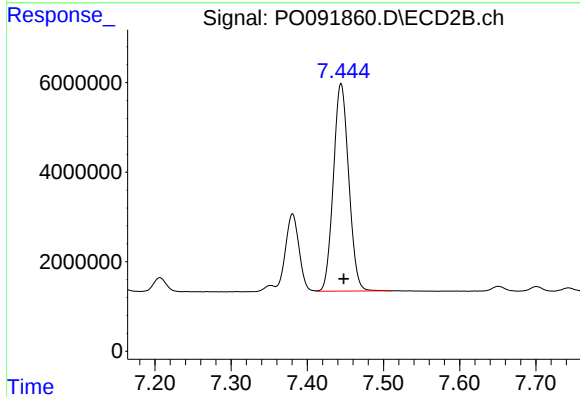
R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 21437881
Conc: 311.79 ng/ml



#39 AR-1262-4

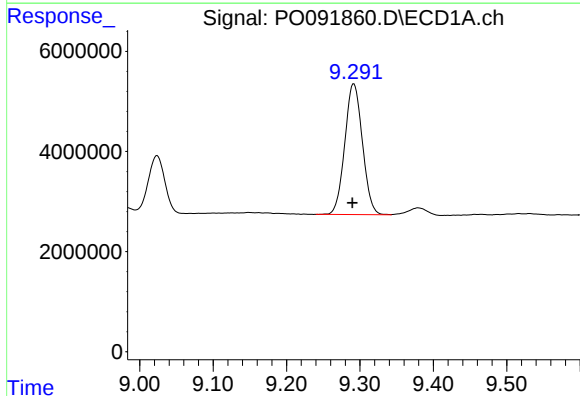
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 26768775
Conc: 274.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



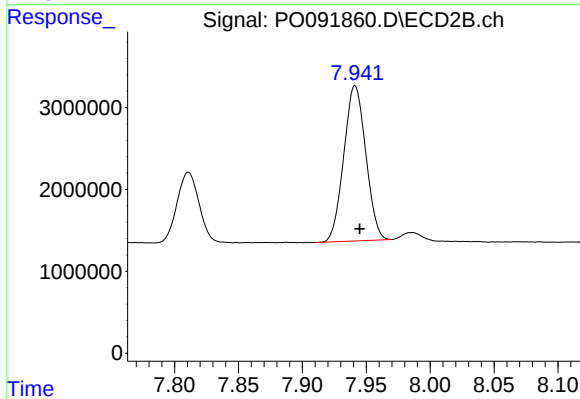
#39 AR-1262-4

R.T.: 7.444 min
Delta R.T.: -0.004 min
Response: 64768259
Conc: 533.41 ng/ml



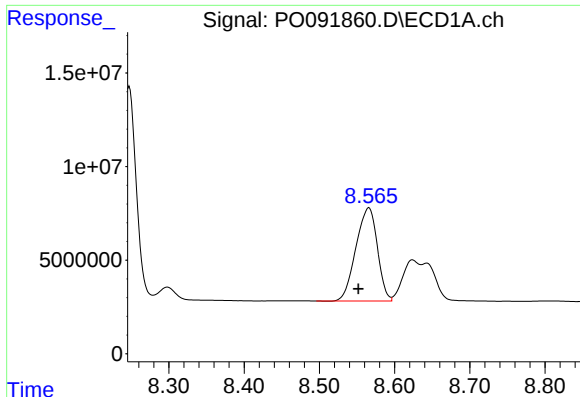
#40 AR-1262-5

R.T.: 9.292 min
Delta R.T.: 0.002 min
Response: 43590103
Conc: 420.31 ng/ml



#40 AR-1262-5

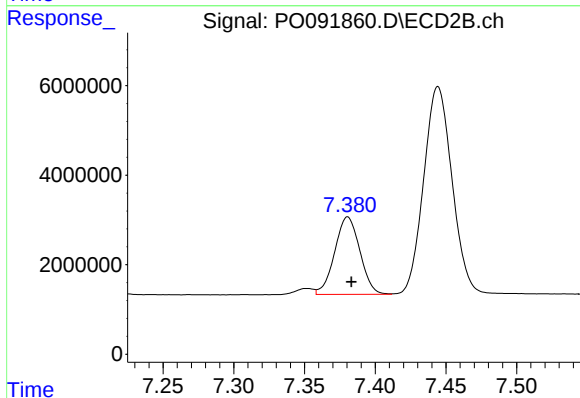
R.T.: 7.941 min
Delta R.T.: -0.004 min
Response: 22714438
Conc: 392.62 ng/ml



#41 AR-1268-1

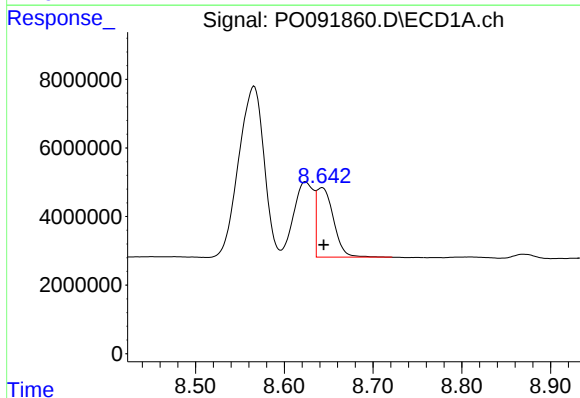
R.T.: 8.566 min
Delta R.T.: 0.014 min
Response: 98650714
Conc: 271.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



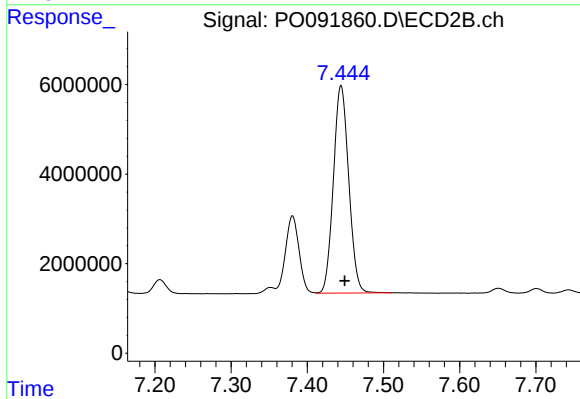
#41 AR-1268-1

R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 21437881
Conc: 101.07 ng/ml



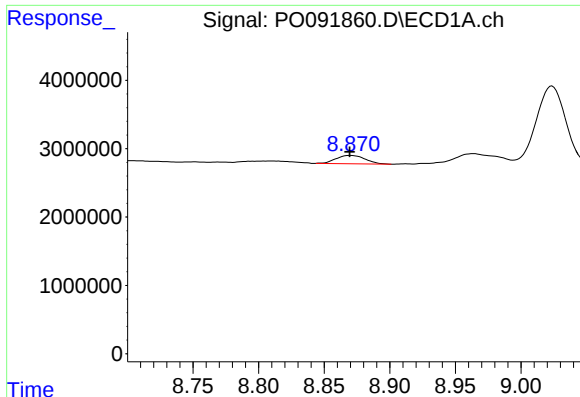
#42 AR-1268-2

R.T.: 8.642 min
Delta R.T.: -0.002 min
Response: 26768775
Conc: 80.91 ng/ml



#42 AR-1268-2

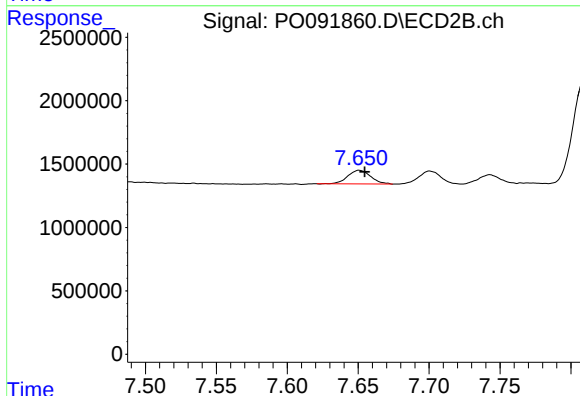
R.T.: 7.444 min
Delta R.T.: -0.005 min
Response: 64768259
Conc: 345.29 ng/ml



#43 AR-1268-3

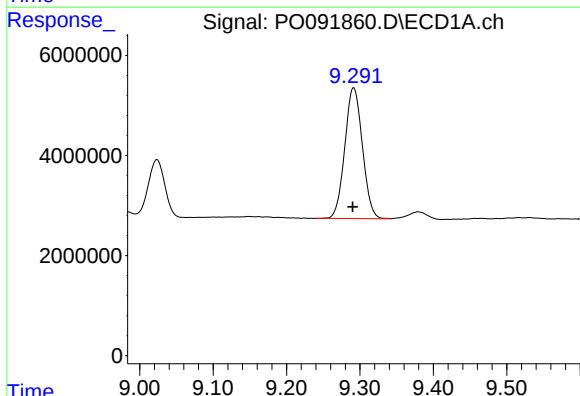
R.T.: 8.870 min
Delta R.T.: 0.000 min
Response: 1876238
Conc: 6.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



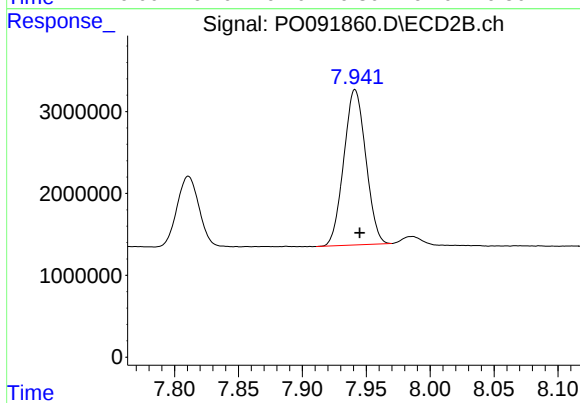
#43 AR-1268-3

R.T.: 7.651 min
Delta R.T.: -0.004 min
Response: 1207660
Conc: 7.30 ng/ml



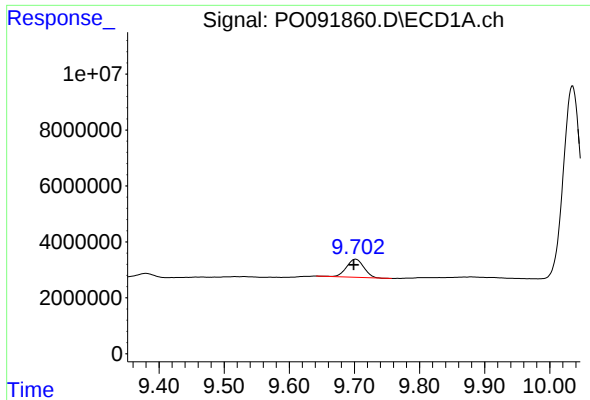
#44 AR-1268-4

R.T.: 9.292 min
Delta R.T.: 0.001 min
Response: 43590103
Conc: 356.04 ng/ml



#44 AR-1268-4

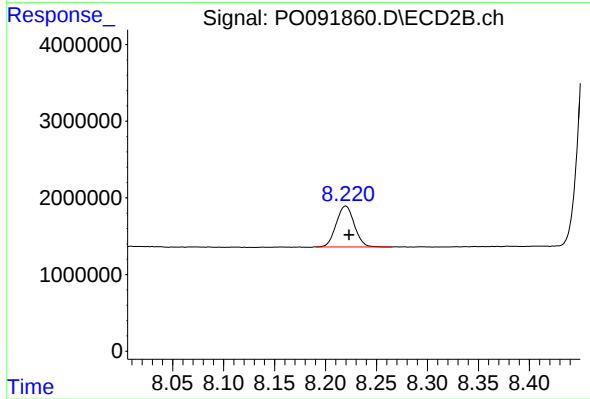
R.T.: 7.941 min
Delta R.T.: -0.004 min
Response: 22714438
Conc: 330.98 ng/ml



#45 AR-1268-5

R.T.: 9.702 min
Delta R.T.: 0.003 min
Response: 12032288
Conc: 13.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.220 min
Delta R.T.: -0.003 min
Response: 6582832
Conc: 14.14 ng/ml