

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011623\
 Data File : P0092054.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jan 2023 19:46
 Operator : YP/AJ
 Sample : 01159-04MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 16 21:01:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 11 04:41:00 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...	4.446	3.647	67339163	30157630	24.143	21.722
2)	SA Decachlor...	10.362	8.701	46880708	23763031	23.947	26.800
Target Compounds							
3)	L1 AR-1016-1	5.632	4.738	48359090	23775828	568.971	544.582
4)	L1 AR-1016-2	5.654	4.757	70409912	34167997	559.791	542.728
5)	L1 AR-1016-3	5.717	4.933	43769430	18675505	550.266	557.005
6)	L1 AR-1016-4	5.816	4.976	34643468	16463175	563.806	554.217
7)	L1 AR-1016-5	6.117	5.190	36195230	20328969	556.406	551.605
8)	L2 AR-1221-1	4.654	3.862	8124839	2560514	229.919	144.674 #
9)	L2 AR-1221-2	4.744	3.948	6736982	3583981	265.243	274.396
10)	L2 AR-1221-3	4.821	4.025	28591989	14566856	368.431	375.654
11)	L3 AR-1232-1	4.821	4.025	28591989	14566856	426.675	426.753
12)	L3 AR-1232-2	5.359	4.757	40545730	34167997	1249.333	1180.614
13)	L3 AR-1232-3	5.654	4.933	70409912	18675505	1228.414	1237.318
14)	L3 AR-1232-4	5.816	5.018	34643468	19854149	1281.847	1317.763
15)	L3 AR-1232-5	5.911	5.190	30874113	20328969	1286.906	1243.117
16)	L4 AR-1242-1	5.632	4.738	48359090	23775828	677.685	636.899
17)	L4 AR-1242-2	5.654	4.757	70409912	34167997	666.363	642.883
18)	L4 AR-1242-3	5.717	4.933	43769430	18675505	649.403	652.699
19)	L4 AR-1242-4	5.816	5.018	34643468	19854149	668.328	645.896
20)	L4 AR-1242-5	6.568	5.544	4940220	16129900	97.574	489.103 #
21)	L5 AR-1248-1	5.632	4.738	48359090	23775828	883.588	833.702
22)	L5 AR-1248-2	5.911	4.976	30874113	16463175	356.934	371.172
23)	L5 AR-1248-3	6.117	5.018	36195230	19854149	393.420	435.796
24)	L5 AR-1248-4	6.528	5.190	4762198	20328969	53.539	389.877 #
25)	L5 AR-1248-5	6.568	5.584	4940220	2509464	57.106	56.739
26)	L6 AR-1254-1	6.502	5.544	27785592	16129900	268.559	218.476
27)	L6 AR-1254-2	6.726	5.692	28482748	15484007	187.905	236.958 #
28)	L6 AR-1254-3	7.099	6.115	15089173	26231774	100.907	270.259 #
29)	L6 AR-1254-4	7.390	6.328	9116100	2603809	95.916	53.725 #
30)	L6 AR-1254-5	7.818	6.749	92083747	46349927	742.294	601.916
31)	L7 AR-1260-1	7.268	6.231	63776567	35916013	531.184	552.333
32)	L7 AR-1260-2	7.531	6.420	69555611	40708071	541.455	555.747
33)	L7 AR-1260-3	7.899	6.574	46152425	39093338	442.600	546.598
34)	L7 AR-1260-4	8.128	7.050	55071724	28018466	476.991	520.023
35)	L7 AR-1260-5	8.462	7.293	96273392	61746277	481.959	550.281
36)	L8 AR-1262-1	7.899	6.789	46152425	30372444	358.046	396.459
37)	L8 AR-1262-2	8.462	7.293	96273392	61746277	496.079	533.327
38)	L8 AR-1262-3	8.798	7.580	63717628	11681740	451.737	261.244 #
39)	L8 AR-1262-4	8.880	7.642	15611765	43495633	185.233	523.808 #
40)	L8 AR-1262-5	9.569	8.142	25007481	13804708	348.480	378.868
41)	L9 AR-1268-1	8.798	7.580	63717628	11681740	222.053	76.644 #

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 ALS Vial : 22 Sample Multiplier: 1

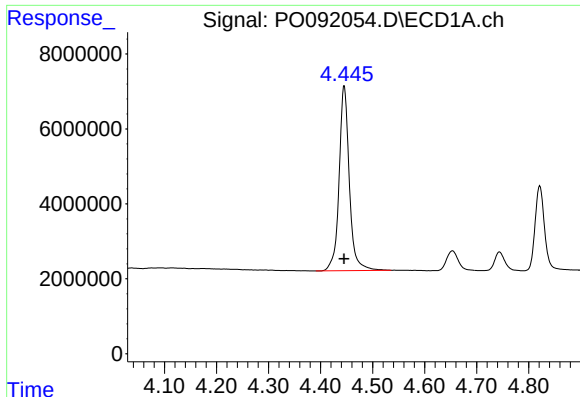
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 16 21:01:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011023.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	8.880	7.642	15611765	43495633	53.707	317.821 #
43) L9	AR-1268-3	9.121	7.853	1669014	1165015	7.039	9.173 #
44) L9	AR-1268-4	9.569	8.142	25007481	13804708	277.706	291.468
45) L9	AR-1268-5	10.004	8.439	8138381	4698848	11.067	12.604

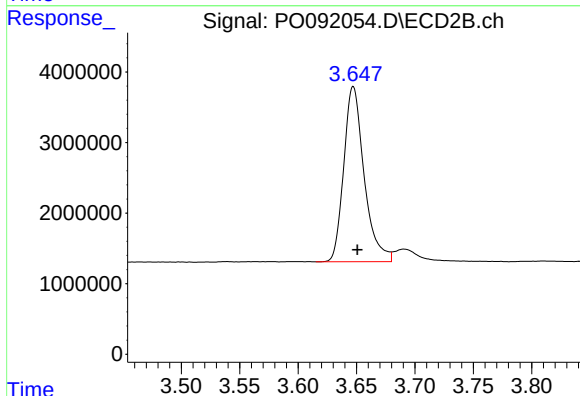
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

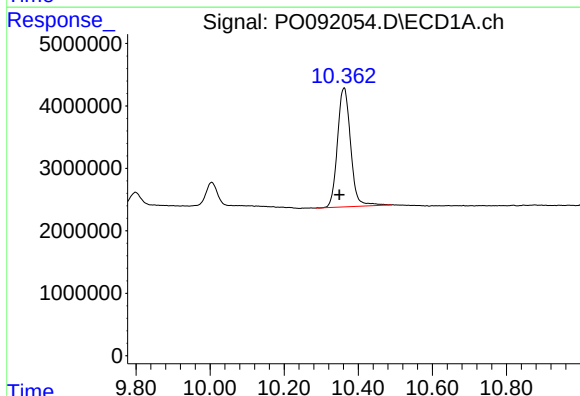
R.T.: 4.446 min
Delta R.T.: 0.000 min
Response: 67339163
Conc: 24.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



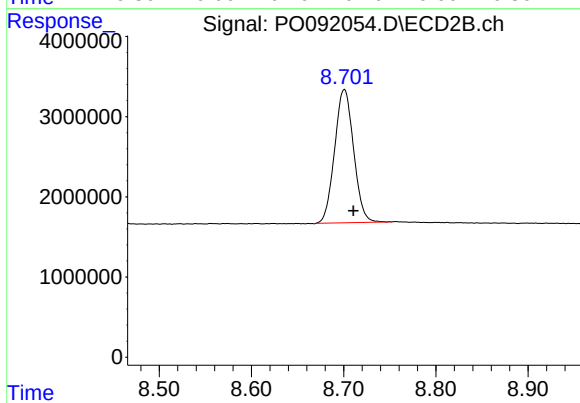
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.003 min
Response: 30157630
Conc: 21.72 ng/ml



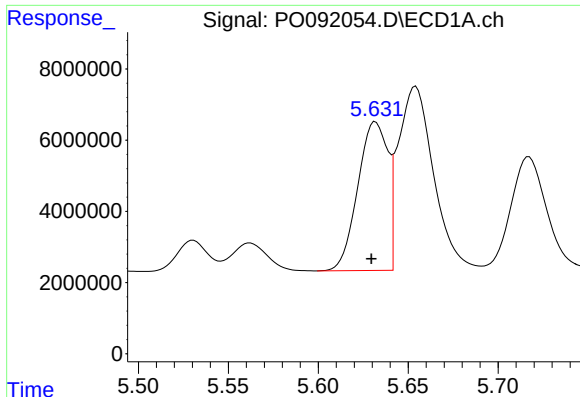
#2 Decachlorobiphenyl

R.T.: 10.362 min
Delta R.T.: 0.012 min
Response: 46880708
Conc: 23.95 ng/ml



#2 Decachlorobiphenyl

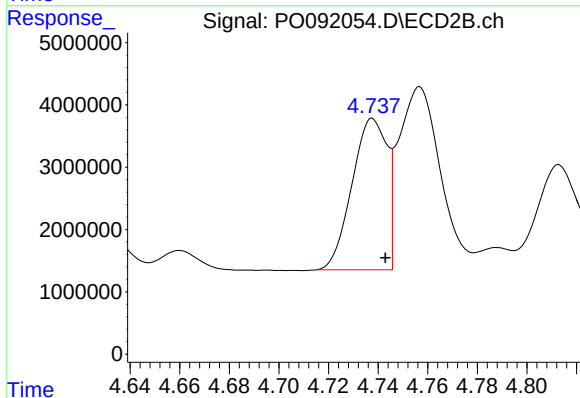
R.T.: 8.701 min
Delta R.T.: -0.010 min
Response: 23763031
Conc: 26.80 ng/ml



#3 AR-1016-1

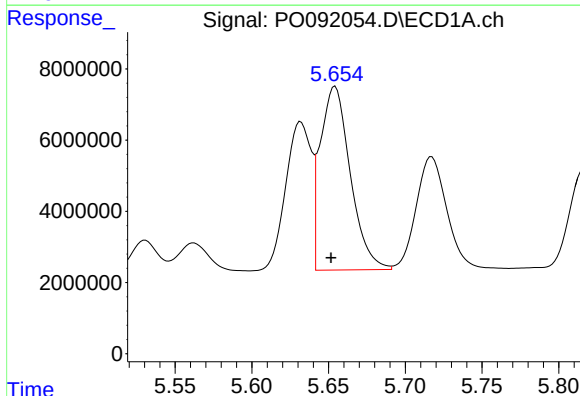
R.T.: 5.632 min
Delta R.T.: 0.002 min
Response: 48359090
Conc: 568.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



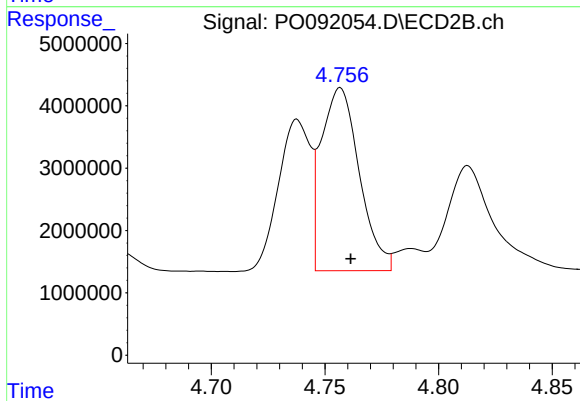
#3 AR-1016-1

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 23775828
Conc: 544.58 ng/ml



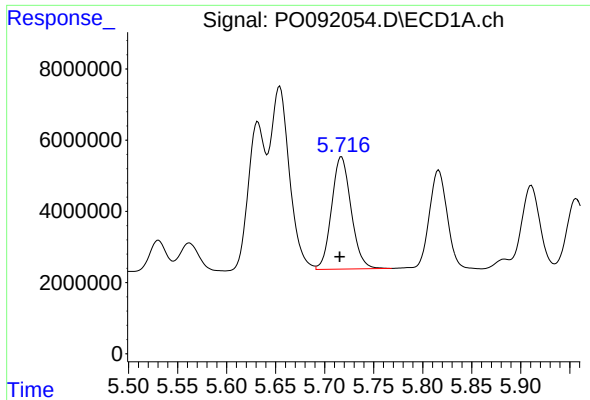
#4 AR-1016-2

R.T.: 5.654 min
Delta R.T.: 0.003 min
Response: 70409912
Conc: 559.79 ng/ml



#4 AR-1016-2

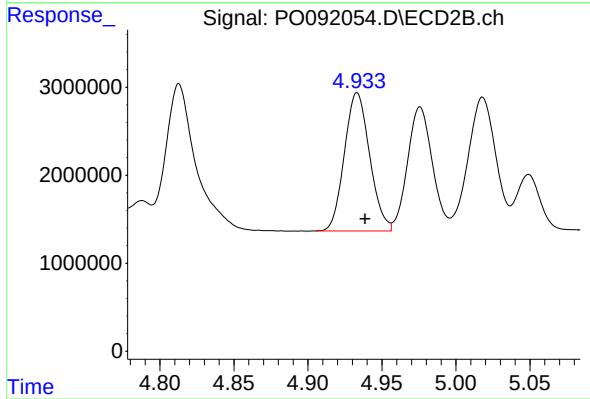
R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 34167997
Conc: 542.73 ng/ml



#5 AR-1016-3

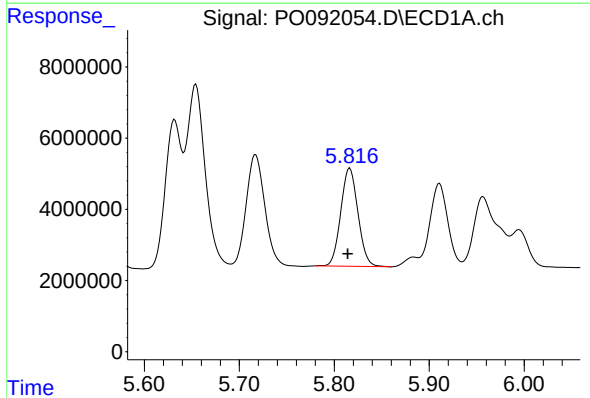
R.T.: 5.717 min
Delta R.T.: 0.002 min
Response: 43769430
Conc: 550.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



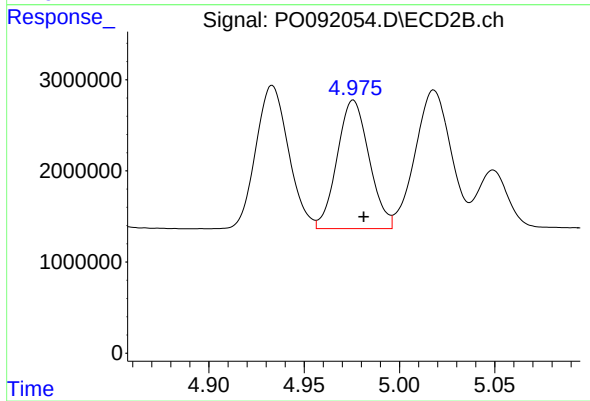
#5 AR-1016-3

R.T.: 4.933 min
Delta R.T.: -0.005 min
Response: 18675505
Conc: 557.01 ng/ml



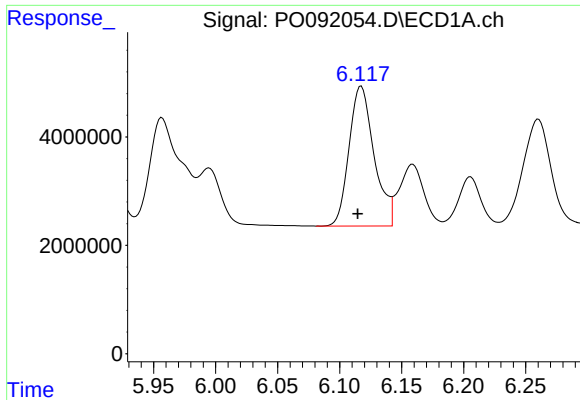
#6 AR-1016-4

R.T.: 5.816 min
Delta R.T.: 0.002 min
Response: 34643468
Conc: 563.81 ng/ml



#6 AR-1016-4

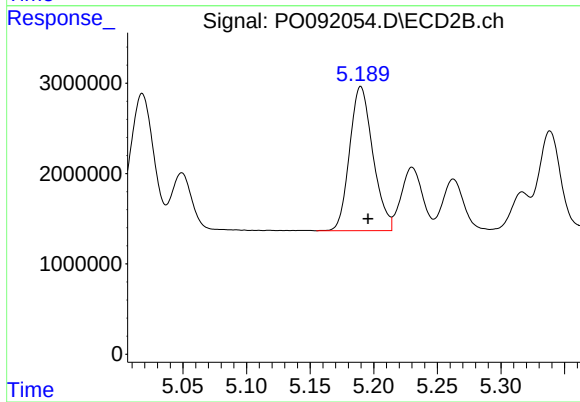
R.T.: 4.976 min
Delta R.T.: -0.005 min
Response: 16463175
Conc: 554.22 ng/ml



#7 AR-1016-5

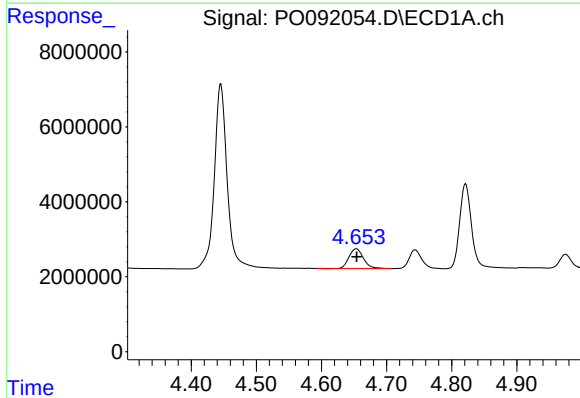
R.T.: 6.117 min
Delta R.T.: 0.003 min
Response: 36195230
Conc: 556.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



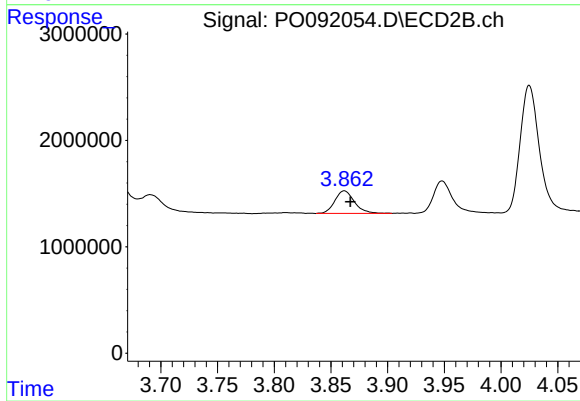
#7 AR-1016-5

R.T.: 5.190 min
Delta R.T.: -0.006 min
Response: 20328969
Conc: 551.61 ng/ml



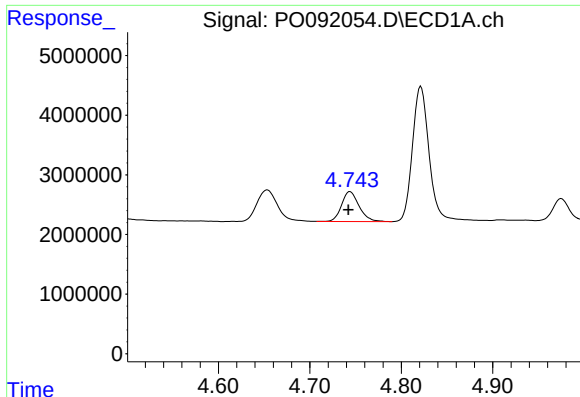
#8 AR-1221-1

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 8124839
Conc: 229.92 ng/ml



#8 AR-1221-1

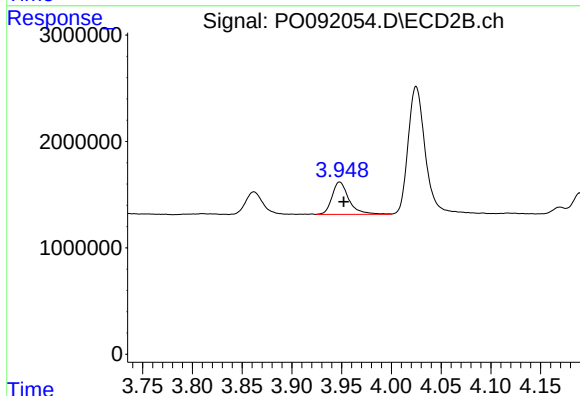
R.T.: 3.862 min
Delta R.T.: -0.005 min
Response: 2560514
Conc: 144.67 ng/ml



#9 AR-1221-2

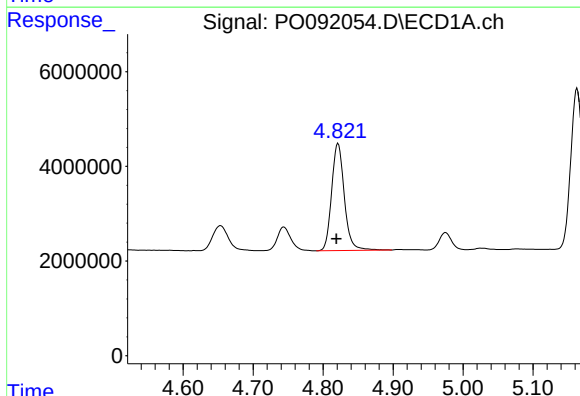
R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 6736982
Conc: 265.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



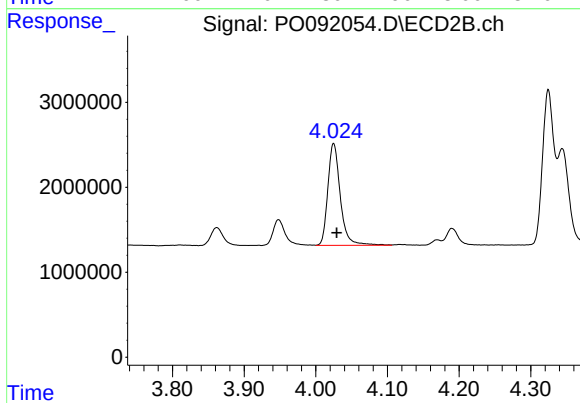
#9 AR-1221-2

R.T.: 3.948 min
Delta R.T.: -0.004 min
Response: 3583981
Conc: 274.40 ng/ml



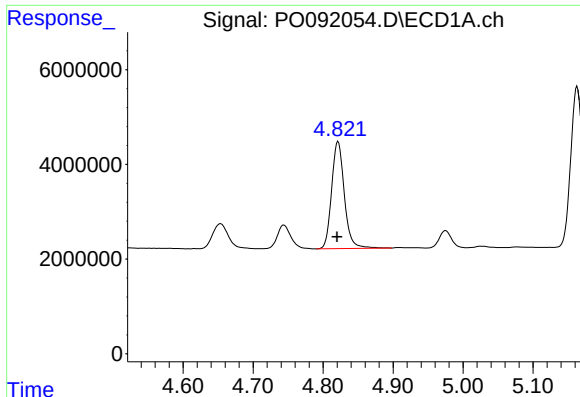
#10 AR-1221-3

R.T.: 4.821 min
Delta R.T.: 0.002 min
Response: 28591989
Conc: 368.43 ng/ml



#10 AR-1221-3

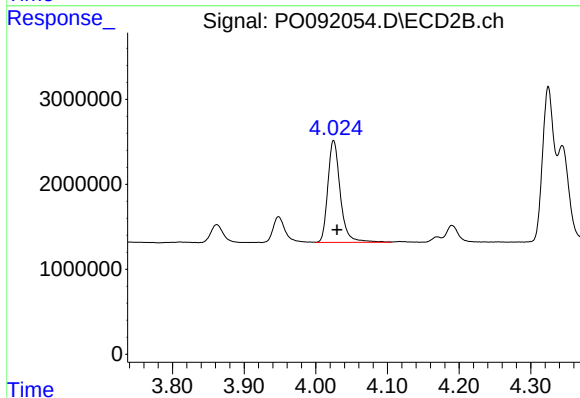
R.T.: 4.025 min
Delta R.T.: -0.004 min
Response: 14566856
Conc: 375.65 ng/ml



#11 AR-1232-1

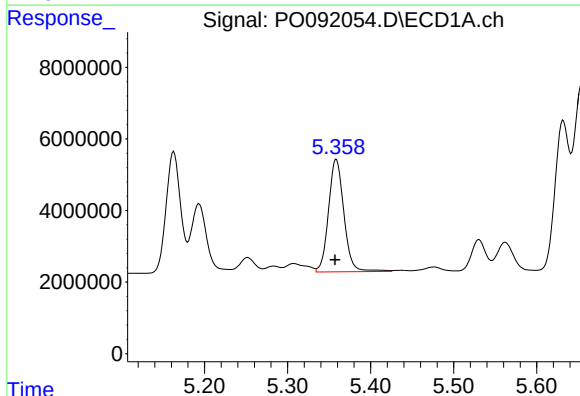
R.T.: 4.821 min
Delta R.T.: 0.001 min
Response: 28591989
Conc: 426.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



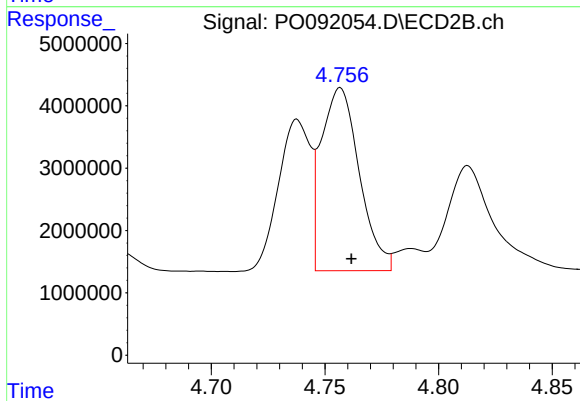
#11 AR-1232-1

R.T.: 4.025 min
Delta R.T.: -0.005 min
Response: 14566856
Conc: 426.75 ng/ml



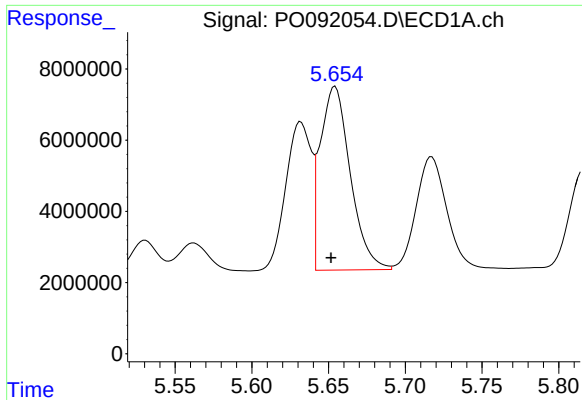
#12 AR-1232-2

R.T.: 5.359 min
Delta R.T.: 0.002 min
Response: 40545730
Conc: 1249.33 ng/ml



#12 AR-1232-2

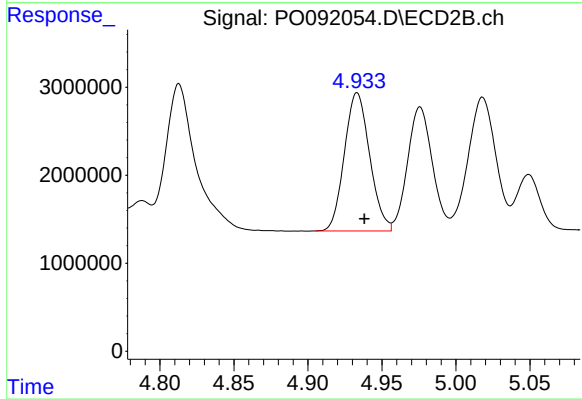
R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 34167997
Conc: 1180.61 ng/ml



#13 AR-1232-3

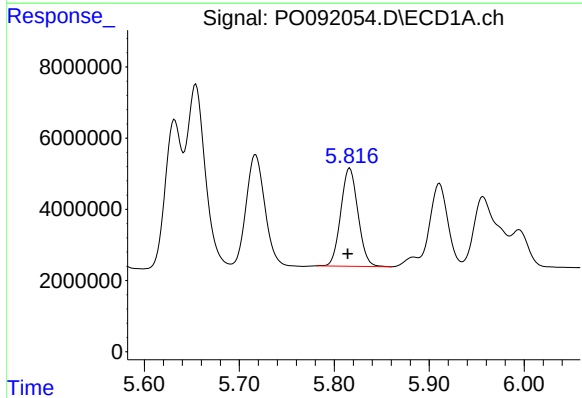
R.T.: 5.654 min
Delta R.T.: 0.003 min
Response: 70409912
Conc: 1228.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



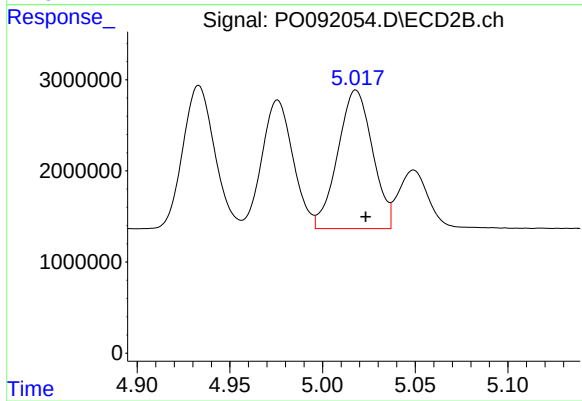
#13 AR-1232-3

R.T.: 4.933 min
Delta R.T.: -0.005 min
Response: 18675505
Conc: 1237.32 ng/ml



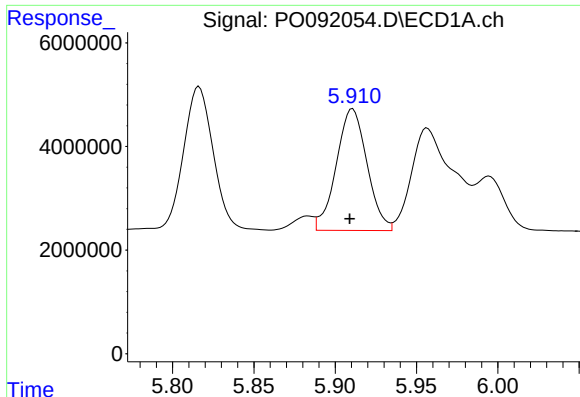
#14 AR-1232-4

R.T.: 5.816 min
Delta R.T.: 0.002 min
Response: 34643468
Conc: 1281.85 ng/ml



#14 AR-1232-4

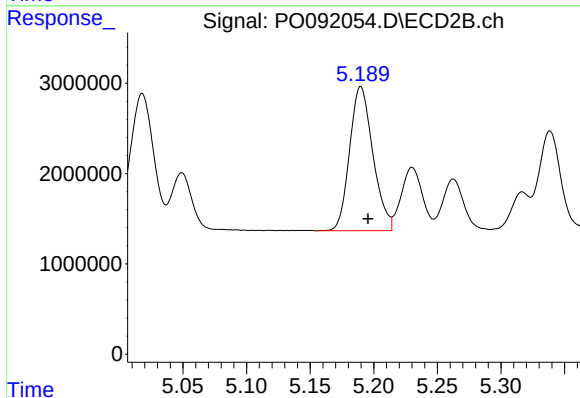
R.T.: 5.018 min
Delta R.T.: -0.005 min
Response: 19854149
Conc: 1317.76 ng/ml



#15 AR-1232-5

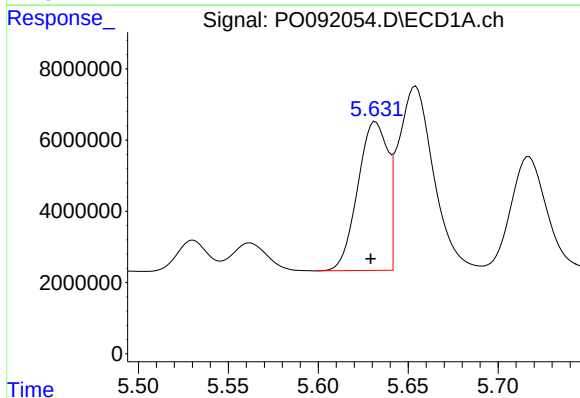
R.T.: 5.911 min
Delta R.T.: 0.002 min
Response: 30874113
Conc: 1286.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



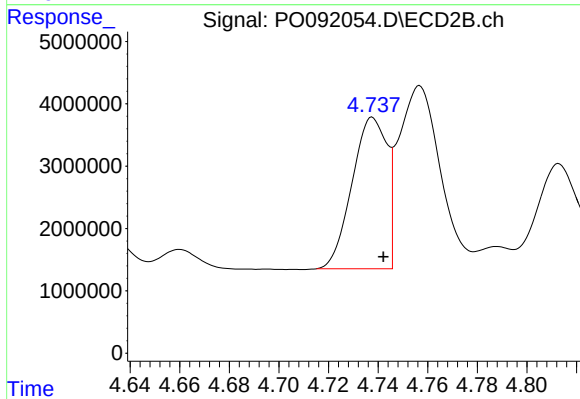
#15 AR-1232-5

R.T.: 5.190 min
Delta R.T.: -0.006 min
Response: 20328969
Conc: 1243.12 ng/ml



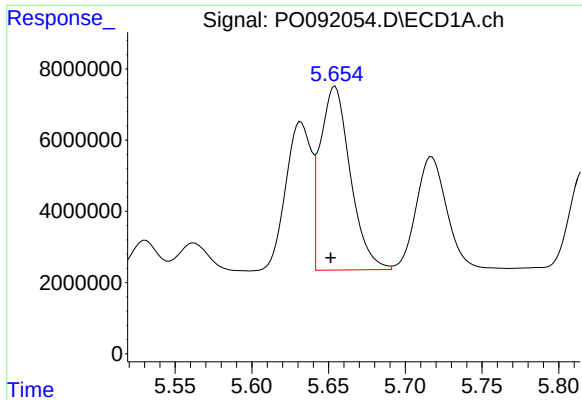
#16 AR-1242-1

R.T.: 5.632 min
Delta R.T.: 0.003 min
Response: 48359090
Conc: 677.69 ng/ml



#16 AR-1242-1

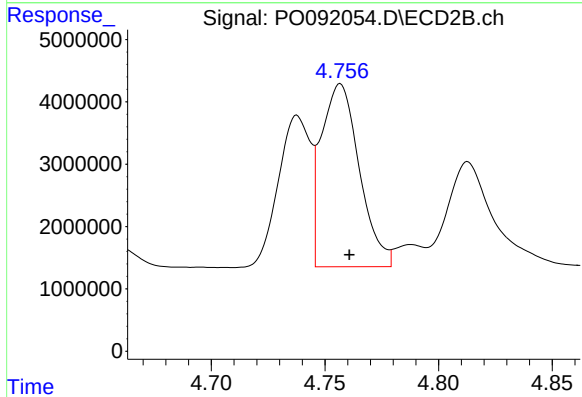
R.T.: 4.738 min
Delta R.T.: -0.004 min
Response: 23775828
Conc: 636.90 ng/ml



#17 AR-1242-2

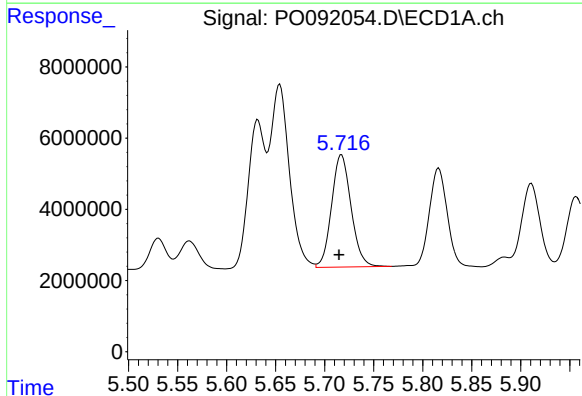
R.T.: 5.654 min
Delta R.T.: 0.003 min
Response: 70409912
Conc: 666.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



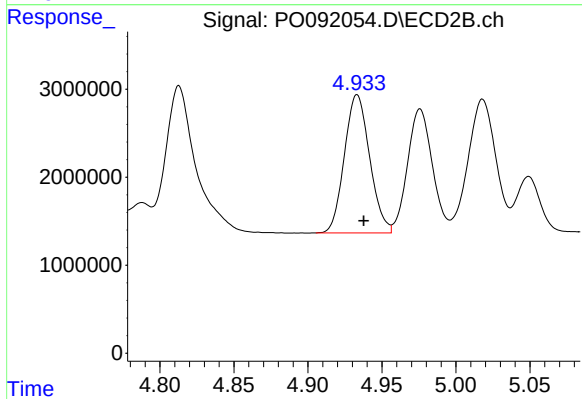
#17 AR-1242-2

R.T.: 4.757 min
Delta R.T.: -0.004 min
Response: 34167997
Conc: 642.88 ng/ml



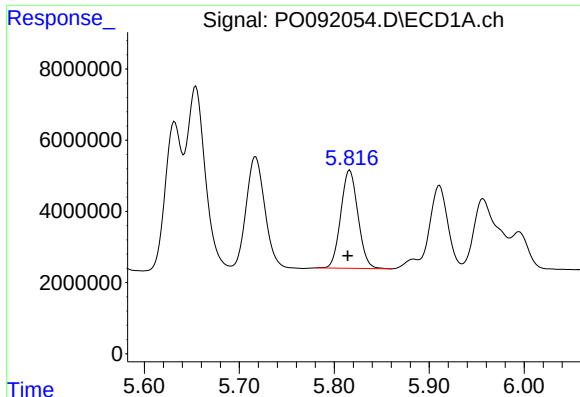
#18 AR-1242-3

R.T.: 5.717 min
Delta R.T.: 0.002 min
Response: 43769430
Conc: 649.40 ng/ml



#18 AR-1242-3

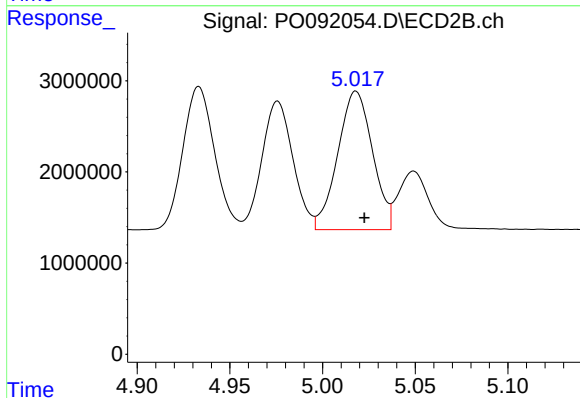
R.T.: 4.933 min
Delta R.T.: -0.004 min
Response: 18675505
Conc: 652.70 ng/ml



#19 AR-1242-4

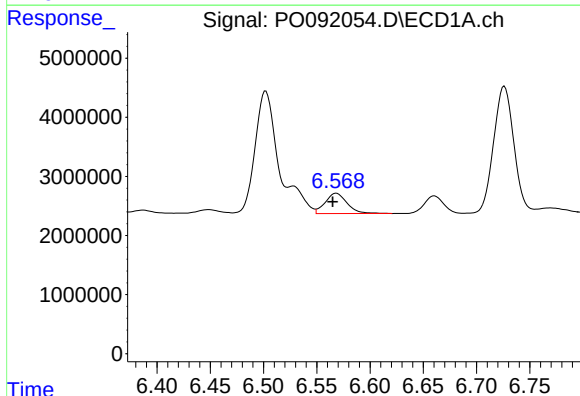
R.T.: 5.816 min
Delta R.T.: 0.002 min
Response: 34643468
Conc: 668.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



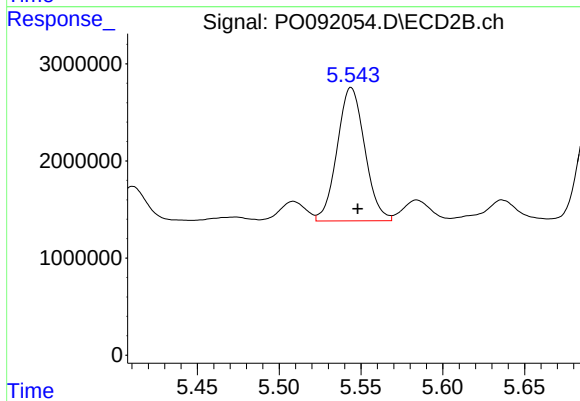
#19 AR-1242-4

R.T.: 5.018 min
Delta R.T.: -0.005 min
Response: 19854149
Conc: 645.90 ng/ml



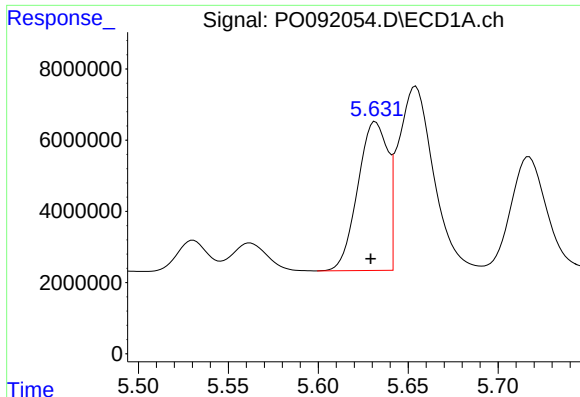
#20 AR-1242-5

R.T.: 6.568 min
Delta R.T.: 0.003 min
Response: 4940220
Conc: 97.57 ng/ml



#20 AR-1242-5

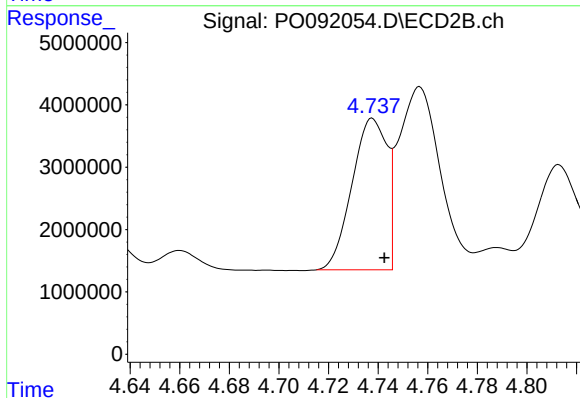
R.T.: 5.544 min
Delta R.T.: -0.004 min
Response: 16129900
Conc: 489.10 ng/ml



#21 AR-1248-1

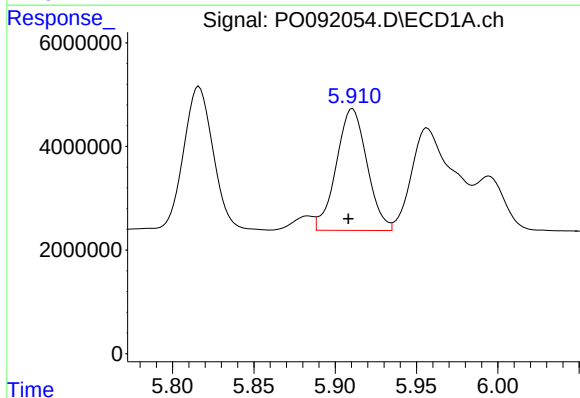
R.T.: 5.632 min
Delta R.T.: 0.003 min
Response: 48359090
Conc: 883.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



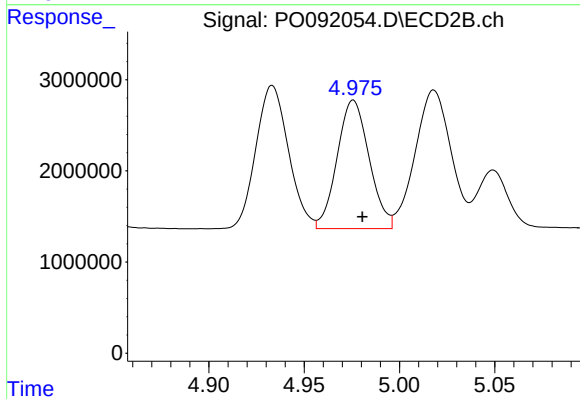
#21 AR-1248-1

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 23775828
Conc: 833.70 ng/ml



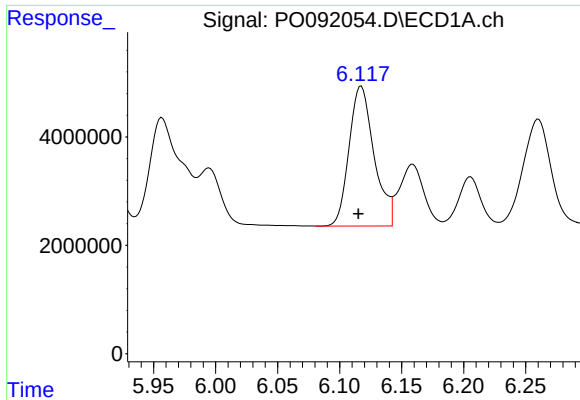
#22 AR-1248-2

R.T.: 5.911 min
Delta R.T.: 0.003 min
Response: 30874113
Conc: 356.93 ng/ml



#22 AR-1248-2

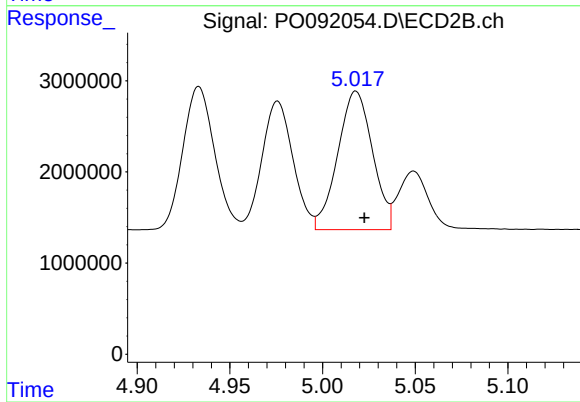
R.T.: 4.976 min
Delta R.T.: -0.005 min
Response: 16463175
Conc: 371.17 ng/ml



#23 AR-1248-3

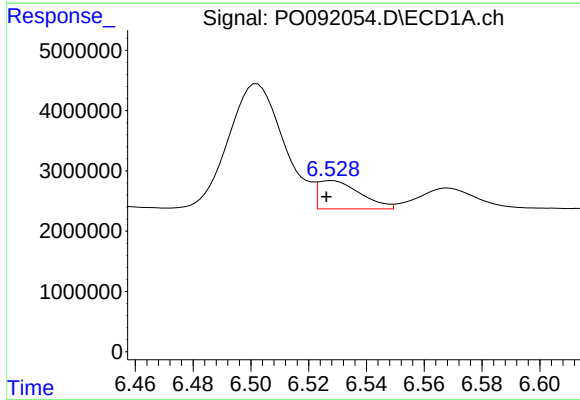
R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 36195230
Conc: 393.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



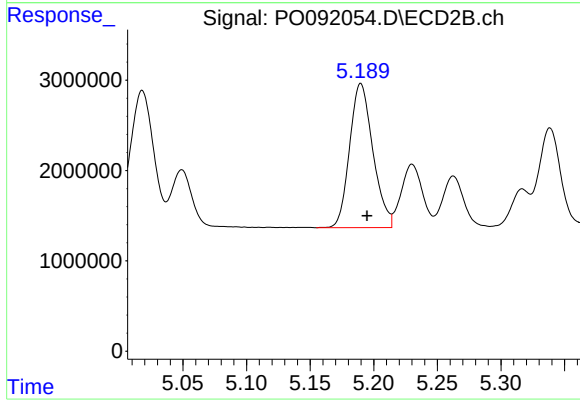
#23 AR-1248-3

R.T.: 5.018 min
Delta R.T.: -0.005 min
Response: 19854149
Conc: 435.80 ng/ml



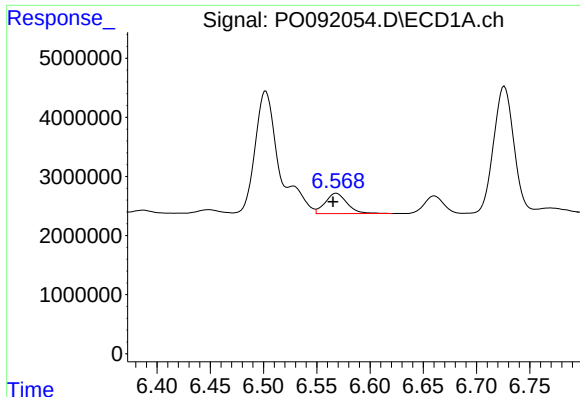
#24 AR-1248-4

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 4762198
Conc: 53.54 ng/ml



#24 AR-1248-4

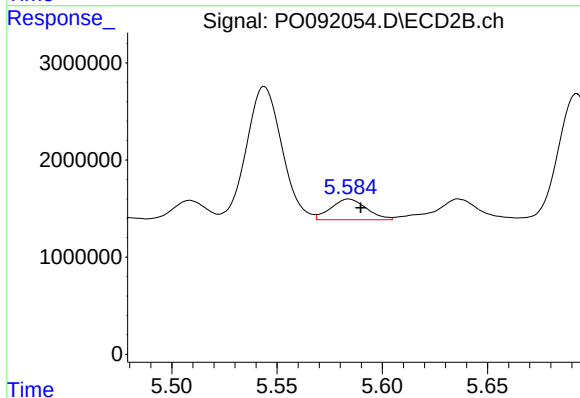
R.T.: 5.190 min
Delta R.T.: -0.005 min
Response: 20328969
Conc: 389.88 ng/ml



#25 AR-1248-5

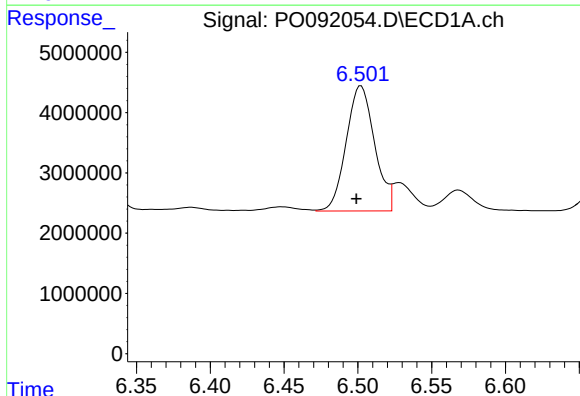
R.T.: 6.568 min
Delta R.T.: 0.003 min
Response: 4940220
Conc: 57.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



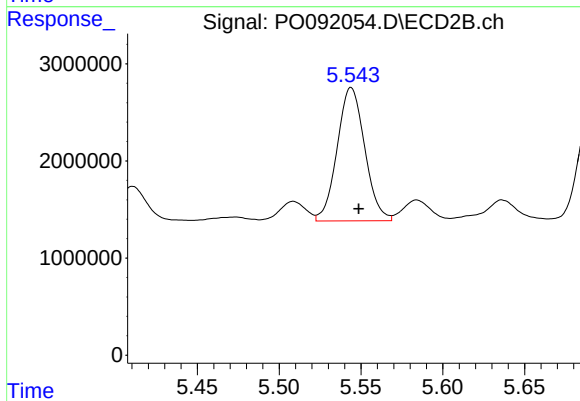
#25 AR-1248-5

R.T.: 5.584 min
Delta R.T.: -0.006 min
Response: 2509464
Conc: 56.74 ng/ml



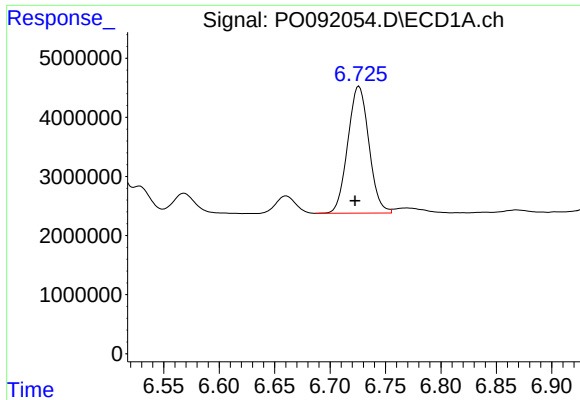
#26 AR-1254-1

R.T.: 6.502 min
Delta R.T.: 0.003 min
Response: 27785592
Conc: 268.56 ng/ml



#26 AR-1254-1

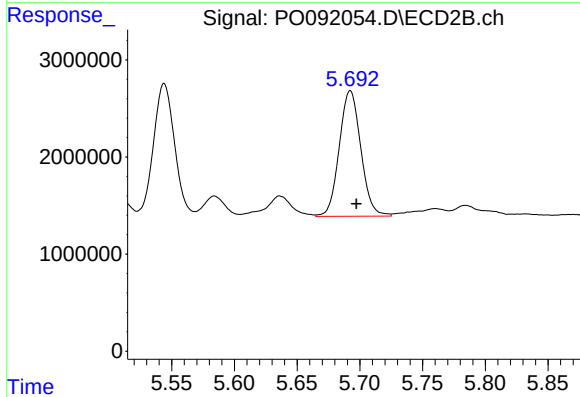
R.T.: 5.544 min
Delta R.T.: -0.005 min
Response: 16129900
Conc: 218.48 ng/ml



#27 AR-1254-2

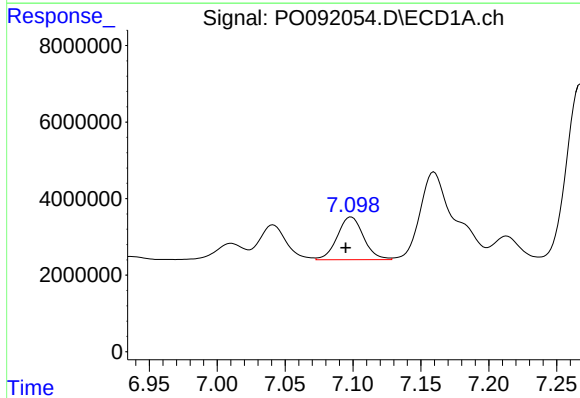
R.T.: 6.726 min
Delta R.T.: 0.004 min
Response: 28482748
Conc: 187.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



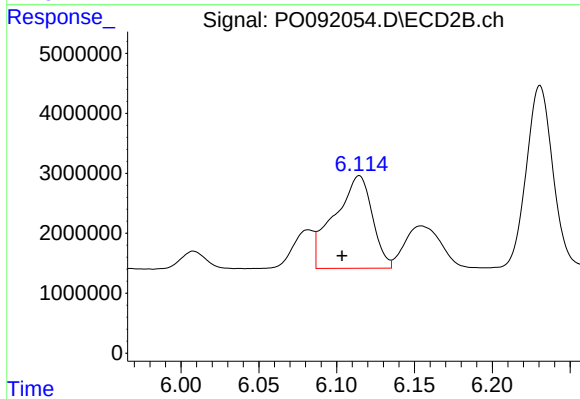
#27 AR-1254-2

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 15484007
Conc: 236.96 ng/ml



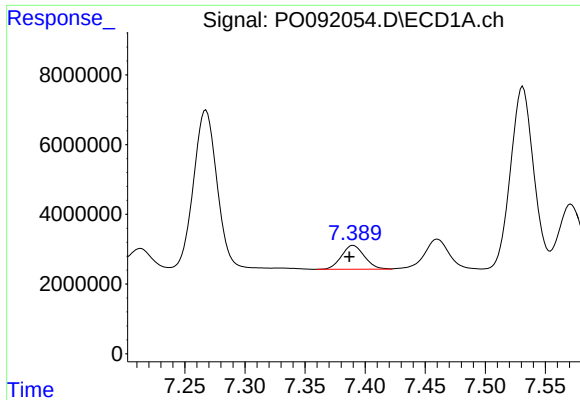
#28 AR-1254-3

R.T.: 7.099 min
Delta R.T.: 0.004 min
Response: 15089173
Conc: 100.91 ng/ml



#28 AR-1254-3

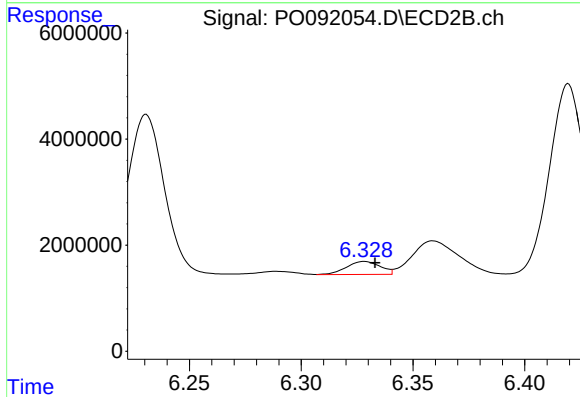
R.T.: 6.115 min
Delta R.T.: 0.011 min
Response: 26231774
Conc: 270.26 ng/ml



#29 AR-1254-4

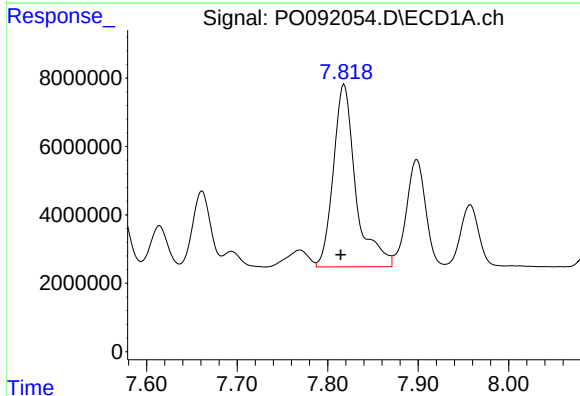
R.T.: 7.390 min
Delta R.T.: 0.003 min
Response: 9116100
Conc: 95.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



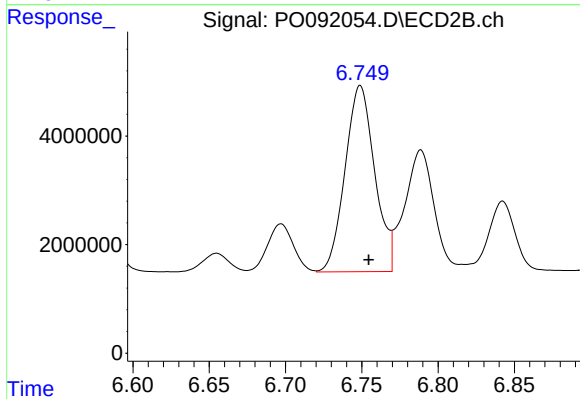
#29 AR-1254-4

R.T.: 6.328 min
Delta R.T.: -0.005 min
Response: 2603809
Conc: 53.73 ng/ml



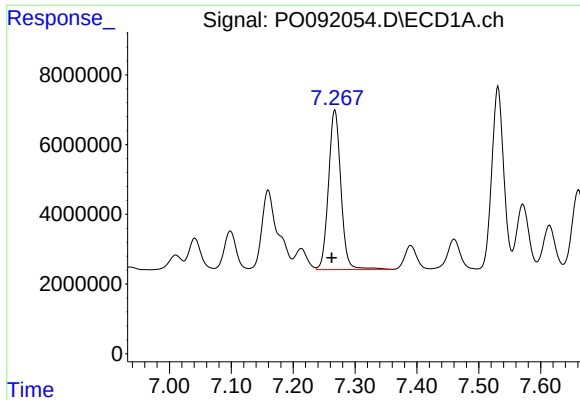
#30 AR-1254-5

R.T.: 7.818 min
Delta R.T.: 0.004 min
Response: 92083747
Conc: 742.29 ng/ml



#30 AR-1254-5

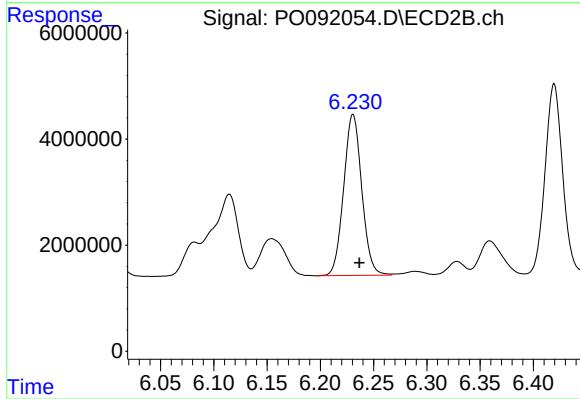
R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 46349927
Conc: 601.92 ng/ml



#31 AR-1260-1

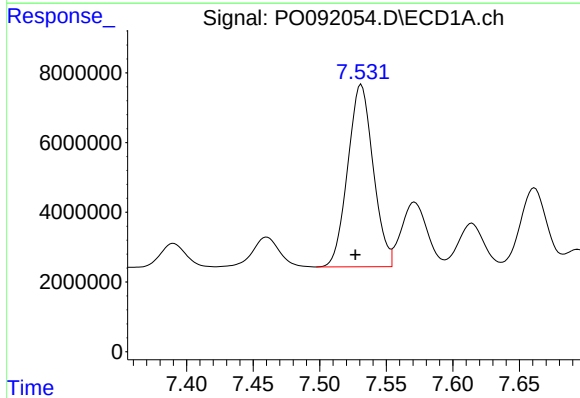
R.T.: 7.268 min
Delta R.T.: 0.005 min
Response: 63776567
Conc: 531.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



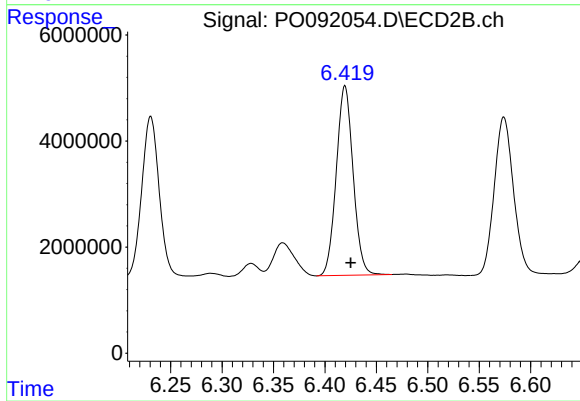
#31 AR-1260-1

R.T.: 6.231 min
Delta R.T.: -0.006 min
Response: 35916013
Conc: 552.33 ng/ml



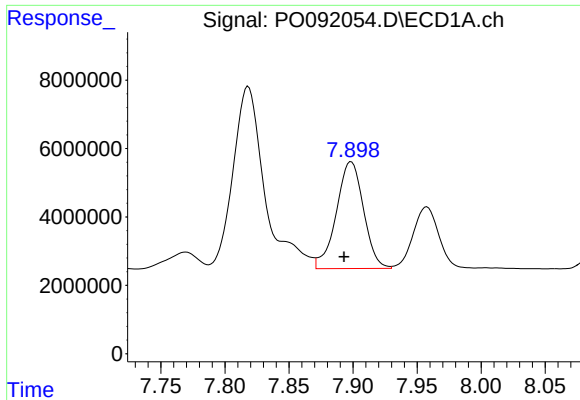
#32 AR-1260-2

R.T.: 7.531 min
Delta R.T.: 0.004 min
Response: 69555611
Conc: 541.46 ng/ml



#32 AR-1260-2

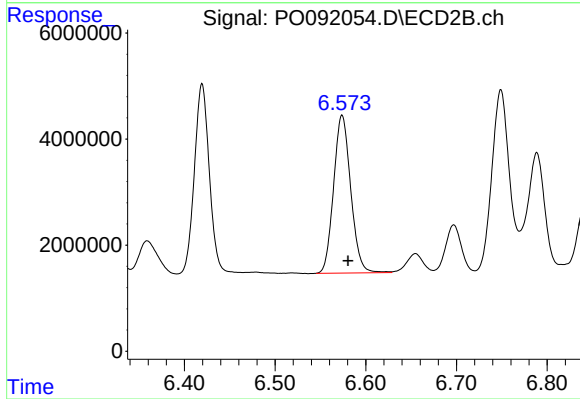
R.T.: 6.420 min
Delta R.T.: -0.006 min
Response: 40708071
Conc: 555.75 ng/ml



#33 AR-1260-3

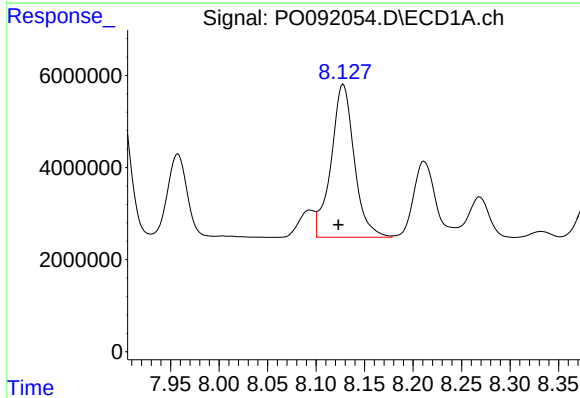
R.T.: 7.899 min
Delta R.T.: 0.006 min
Response: 46152425
Conc: 442.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



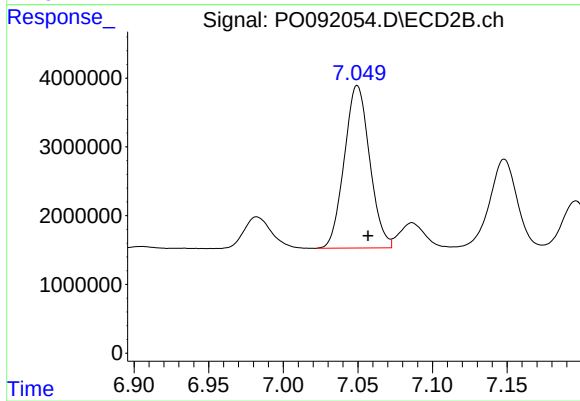
#33 AR-1260-3

R.T.: 6.574 min
Delta R.T.: -0.007 min
Response: 39093338
Conc: 546.60 ng/ml



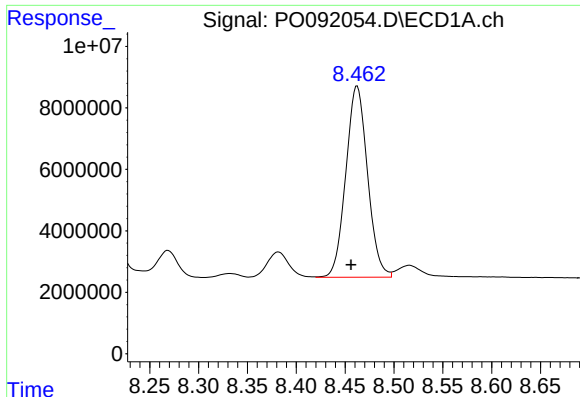
#34 AR-1260-4

R.T.: 8.128 min
Delta R.T.: 0.005 min
Response: 55071724
Conc: 476.99 ng/ml



#34 AR-1260-4

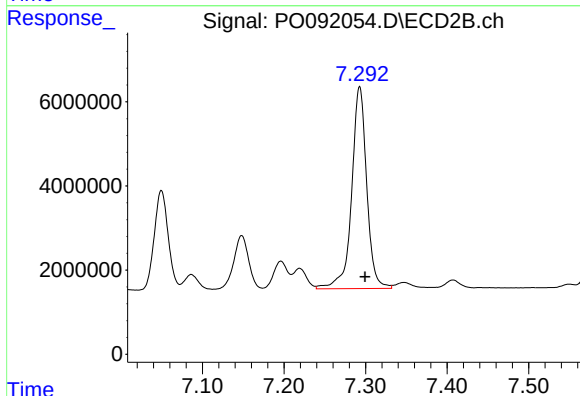
R.T.: 7.050 min
Delta R.T.: -0.007 min
Response: 28018466
Conc: 520.02 ng/ml



#35 AR-1260-5

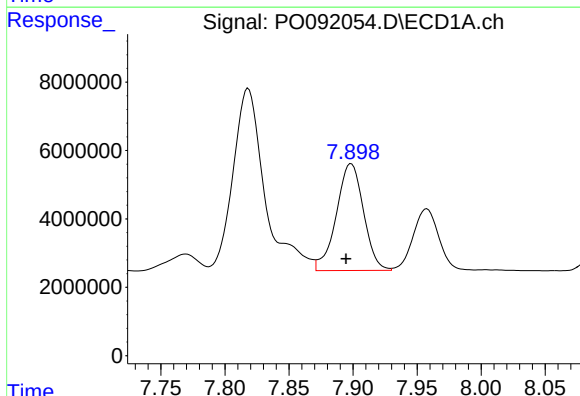
R.T.: 8.462 min
Delta R.T.: 0.006 min
Response: 96273392
Conc: 481.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



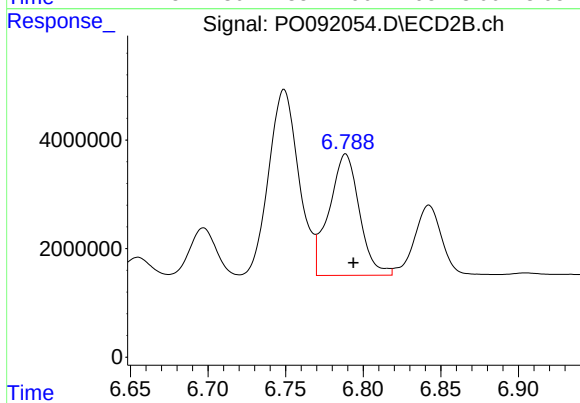
#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: -0.006 min
Response: 61746277
Conc: 550.28 ng/ml



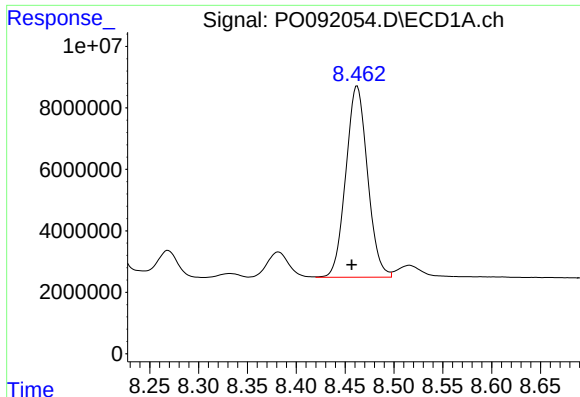
#36 AR-1262-1

R.T.: 7.899 min
Delta R.T.: 0.004 min
Response: 46152425
Conc: 358.05 ng/ml



#36 AR-1262-1

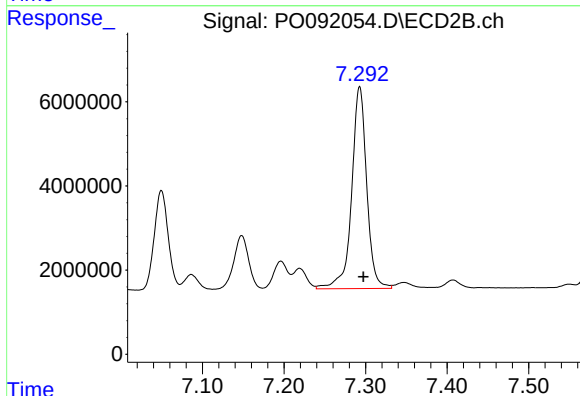
R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 30372444
Conc: 396.46 ng/ml



#37 AR-1262-2

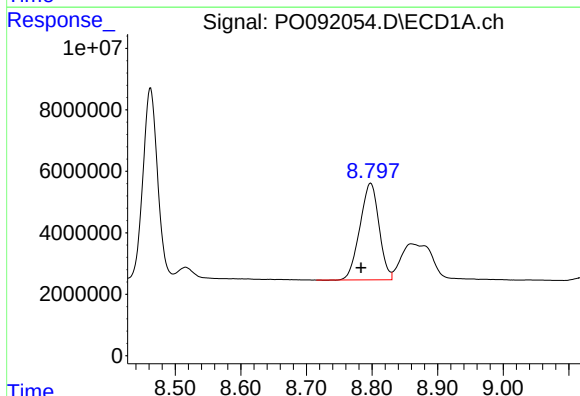
R.T.: 8.462 min
Delta R.T.: 0.006 min
Response: 96273392
Conc: 496.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



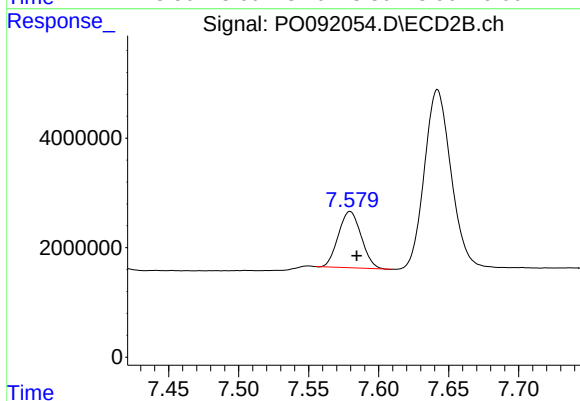
#37 AR-1262-2

R.T.: 7.293 min
Delta R.T.: -0.004 min
Response: 61746277
Conc: 533.33 ng/ml



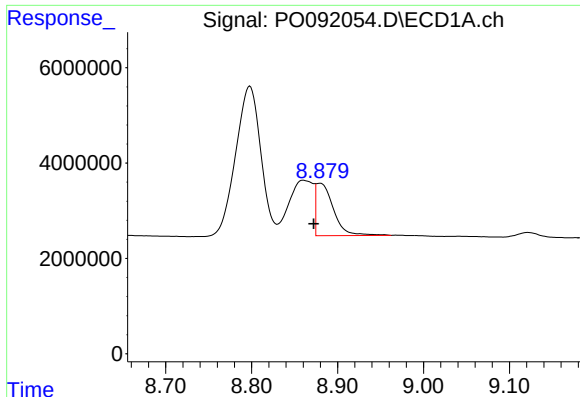
#38 AR-1262-3

R.T.: 8.798 min
Delta R.T.: 0.015 min
Response: 63717628
Conc: 451.74 ng/ml



#38 AR-1262-3

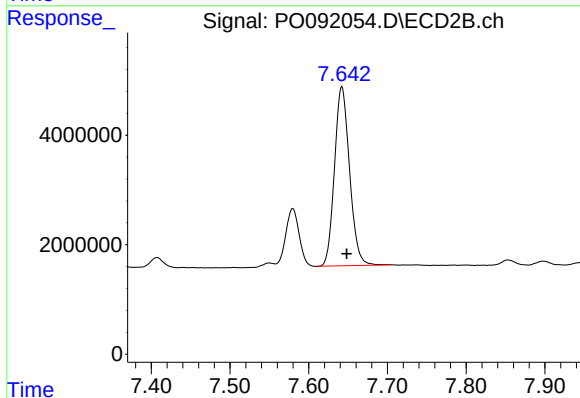
R.T.: 7.580 min
Delta R.T.: -0.005 min
Response: 11681740
Conc: 261.24 ng/ml



#39 AR-1262-4

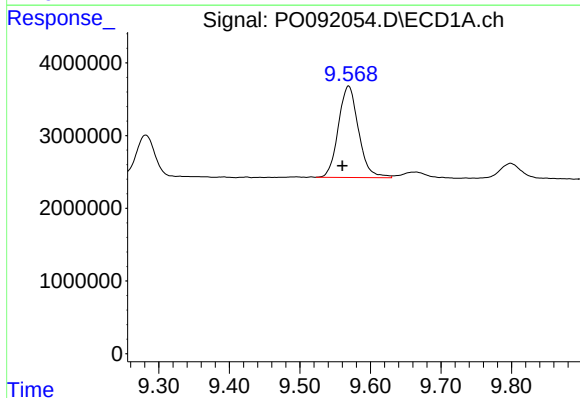
R.T.: 8.880 min
Delta R.T.: 0.007 min
Response: 15611765
Conc: 185.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



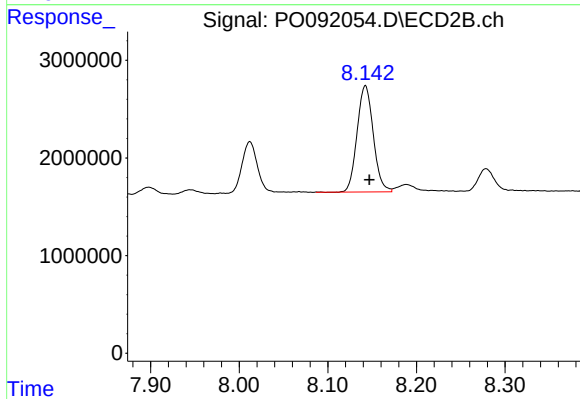
#39 AR-1262-4

R.T.: 7.642 min
Delta R.T.: -0.006 min
Response: 43495633
Conc: 523.81 ng/ml



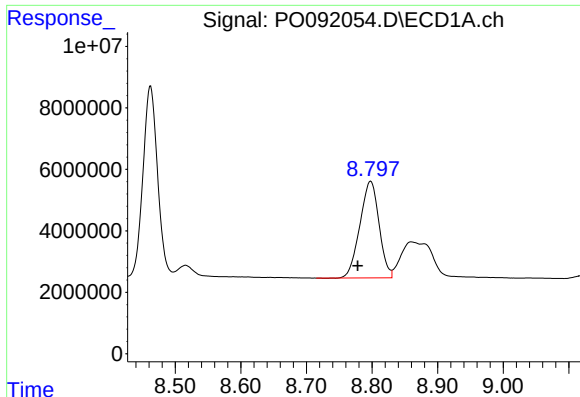
#40 AR-1262-5

R.T.: 9.569 min
Delta R.T.: 0.009 min
Response: 25007481
Conc: 348.48 ng/ml



#40 AR-1262-5

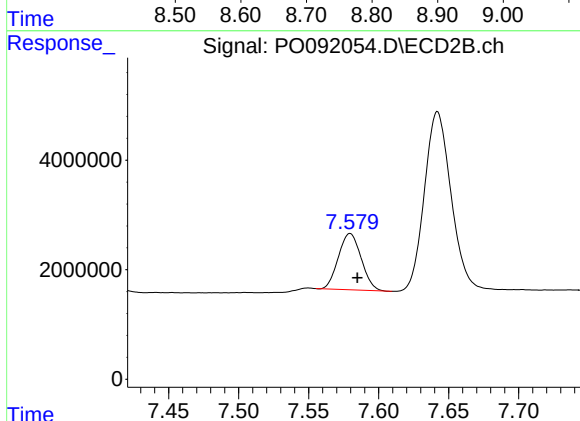
R.T.: 8.142 min
Delta R.T.: -0.005 min
Response: 13804708
Conc: 378.87 ng/ml



#41 AR-1268-1

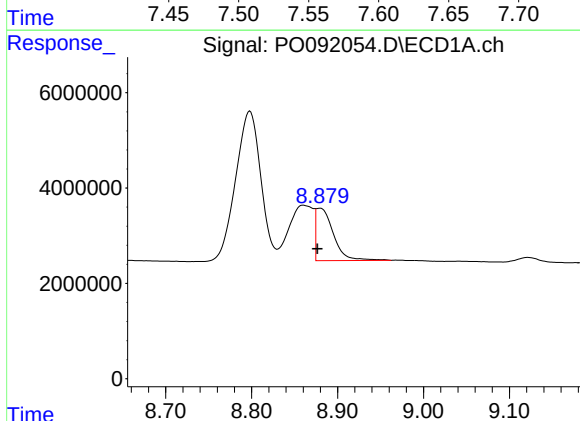
R.T.: 8.798 min
Delta R.T.: 0.020 min
Response: 63717628
Conc: 222.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



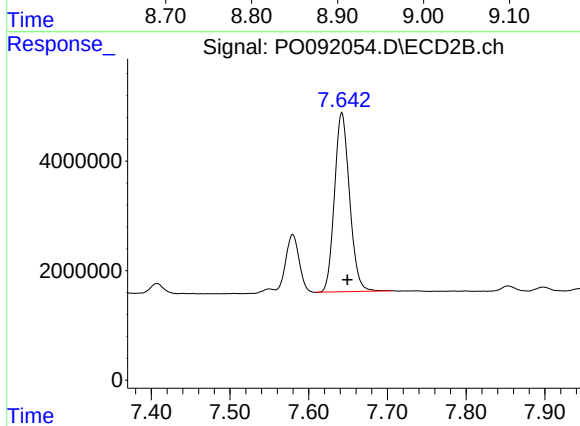
#41 AR-1268-1

R.T.: 7.580 min
Delta R.T.: -0.005 min
Response: 11681740
Conc: 76.64 ng/ml



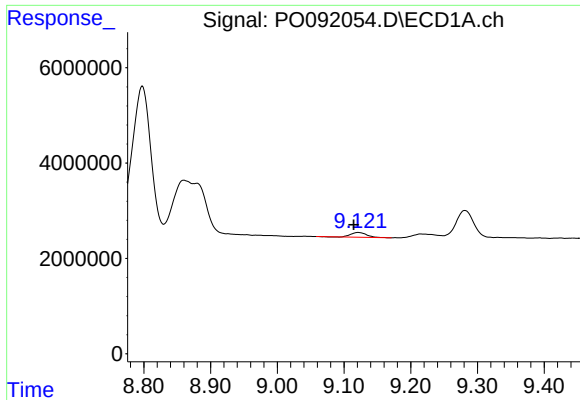
#42 AR-1268-2

R.T.: 8.880 min
Delta R.T.: 0.003 min
Response: 15611765
Conc: 53.71 ng/ml



#42 AR-1268-2

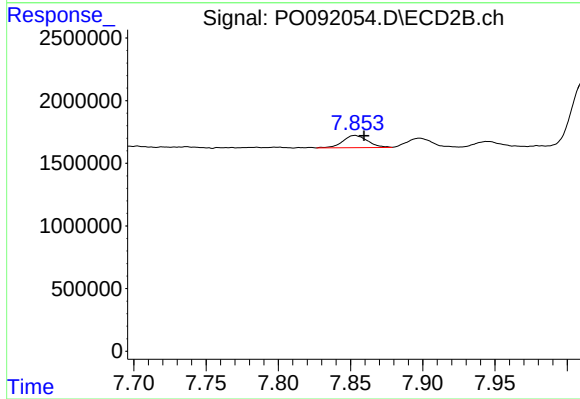
R.T.: 7.642 min
Delta R.T.: -0.007 min
Response: 43495633
Conc: 317.82 ng/ml



#43 AR-1268-3

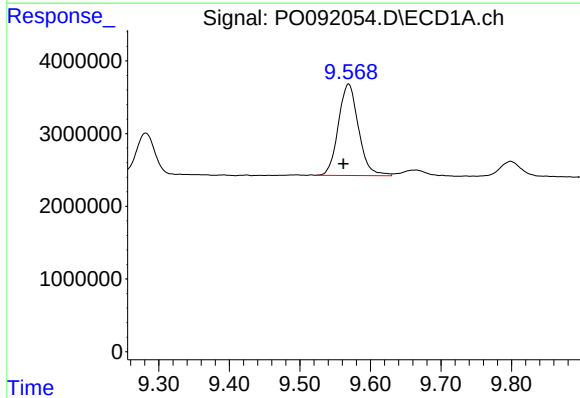
R.T.: 9.121 min
Delta R.T.: 0.007 min
Response: 1669014
Conc: 7.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



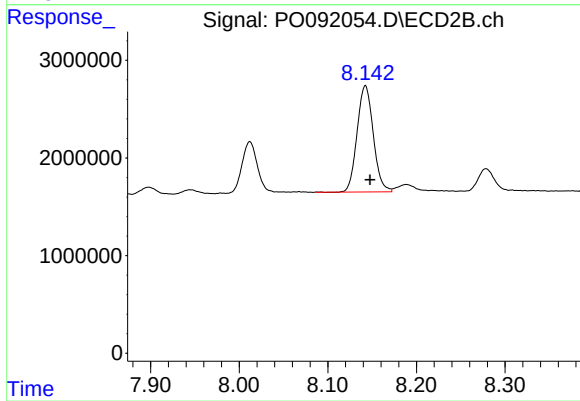
#43 AR-1268-3

R.T.: 7.853 min
Delta R.T.: -0.006 min
Response: 1165015
Conc: 9.17 ng/ml



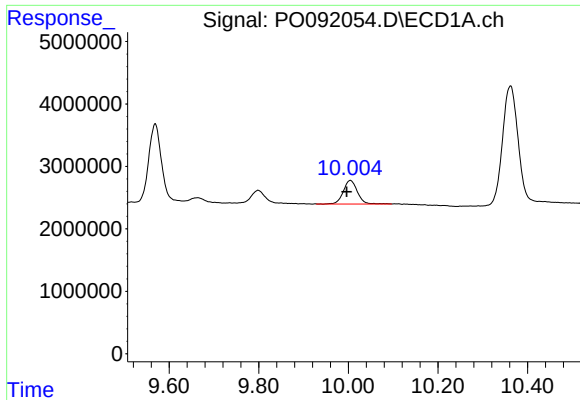
#44 AR-1268-4

R.T.: 9.569 min
Delta R.T.: 0.008 min
Response: 25007481
Conc: 277.71 ng/ml



#44 AR-1268-4

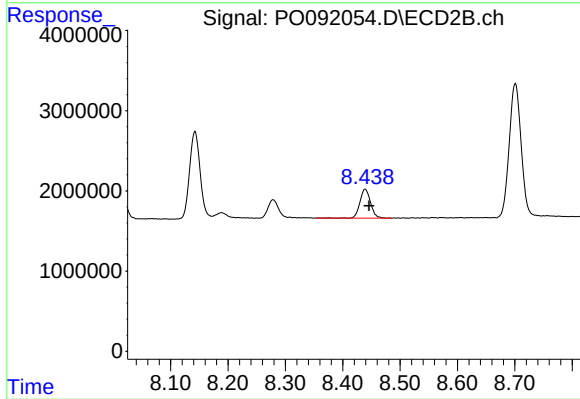
R.T.: 8.142 min
Delta R.T.: -0.005 min
Response: 13804708
Conc: 291.47 ng/ml



#45 AR-1268-5

R.T.: 10.004 min
Delta R.T.: 0.008 min
Response: 8138381
Conc: 11.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.439 min
Delta R.T.: -0.007 min
Response: 4698848
Conc: 12.60 ng/ml