

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091622\
 Data File : P0089596.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2022 18:35
 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: Sep 16 18:52:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 16 08:48:17 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...	4.475	3.662	211.9E6	76769604	54.752	45.047
2)	SA Decachlor...	10.350	8.769	130.0E6	46193064	52.672	40.936
Target Compounds							
3)	L1 AR-1016-1	5.654	4.765	64542499	23099549	563.281	480.786
4)	L1 AR-1016-2	5.677	4.785	90766433	33321443	549.741	471.704
5)	L1 AR-1016-3	5.740	4.963	56219917	18137555	545.201	482.527
6)	L1 AR-1016-4	5.839	5.006	45332488	14687626	554.002	455.660
7)	L1 AR-1016-5	6.136	5.223	43780169	19184218	547.334	468.580
8)	L2 AR-1221-1	4.679	3.878	6906418	2681810	160.837	134.500
9)	L2 AR-1221-2	4.771	3.966	10025213	3795405	311.229	253.346
10)	L2 AR-1221-3	4.848	4.043	36419310	14277903	359.619	311.189
11)	L3 AR-1232-1	4.848	4.043	36419310	14277903	446.172	380.073
12)	L3 AR-1232-2	5.188	4.785	49054938	33321443	1255.510	1019.561
13)	L3 AR-1232-3	5.677	4.963	90766433	18137555	1225.095	1073.737
14)	L3 AR-1232-4	5.839	5.049	45332488	18157751	1252.124	1106.737
15)	L3 AR-1232-5	5.929	5.223	38235799	19184218	1311.912	1076.833
16)	L4 AR-1242-1	5.654	4.765	64542499	23099549	642.222	541.406
17)	L4 AR-1242-2	5.677	4.785	90766433	33321443	621.854	538.438
18)	L4 AR-1242-3	5.740	4.963	56219917	18137555	616.055	552.096
19)	L4 AR-1242-4	5.839	5.049	45332488	18157751	623.949	521.415
20)	L4 AR-1242-5	6.581	5.622	11239451	4493810	157.614	142.685
21)	L5 AR-1248-1	5.654	4.765	64542499	23099549	861.014	702.552
22)	L5 AR-1248-2	5.929	5.006	38235799	14687626	352.373	296.069
23)	L5 AR-1248-3	6.136	5.049	43780169	18157751	366.997	350.171
24)	L5 AR-1248-4	6.542	5.223	13639070	19184218	107.184	322.403 #
25)	L5 AR-1248-5	6.581	5.622	11239451	4493810	91.532	85.113
26)	L6 AR-1254-1	6.516	5.581	36740007	18025714	280.080	210.431
27)	L6 AR-1254-2	6.735	5.730	31259411	12917830	157.870	173.038
28)	L6 AR-1254-3	7.105	6.157	15592438	23006856	77.114	198.459 #
29)	L6 AR-1254-4	7.392	6.370	8847521	1857544	64.310	28.809 #
30)	L6 AR-1254-5	7.813	6.795	99542189	39720311	672.020	420.107 #
31)	L7 AR-1260-1	7.271	6.273	77019309	32344055	536.244	434.737
32)	L7 AR-1260-2	7.528	6.462	89732393	37932080	548.740	442.161
33)	L7 AR-1260-3	7.890	6.619	63203202	34752672	527.342	426.610
34)	L7 AR-1260-4	8.118	7.097	71576713	27455494	530.091	425.168
35)	L7 AR-1260-5	8.450	7.340	140.6E6	57066774	529.592	431.097
36)	L8 AR-1262-1	7.890	6.888	63203202	15344193	349.661	372.499
37)	L8 AR-1262-2	8.450	7.340	140.6E6	57066774	452.224	386.631
38)	L8 AR-1262-3	8.787	7.628	88091079	12607168	422.370	202.221 #
39)	L8 AR-1262-4	8.868	7.691	21230085	42490704	227.741	388.351 #
40)	L8 AR-1262-5	9.555	8.194	39181426	15045718	360.731	299.608
41)	L9 AR-1268-1	8.787	7.628	88091079	12607168	235.909	73.392 #

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 ALS Vial : 3 Sample Multiplier: 1

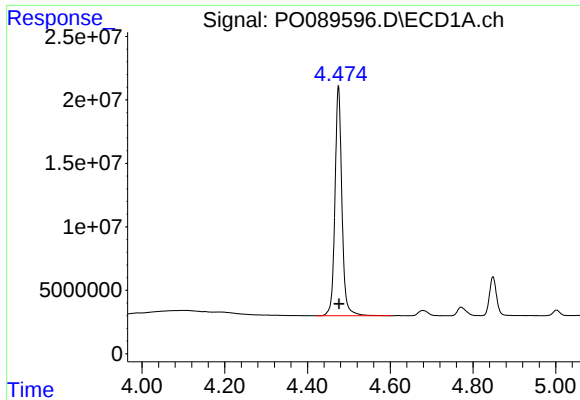
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 18:52:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091522.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	8.868	7.691	21230085	42490704	63.191	274.359 #
43) L9	AR-1268-3	9.112	7.903	1648419	574384	5.606	4.179 #
44) L9	AR-1268-4	9.555	8.194	39181426	15045718	324.784	263.983
45) L9	AR-1268-5	9.991	8.498	9015432	3920426	9.696	10.021

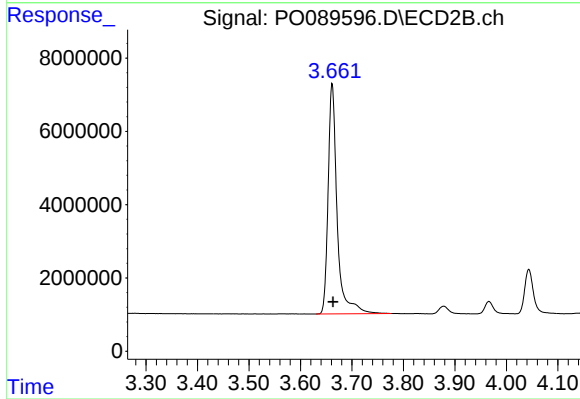
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

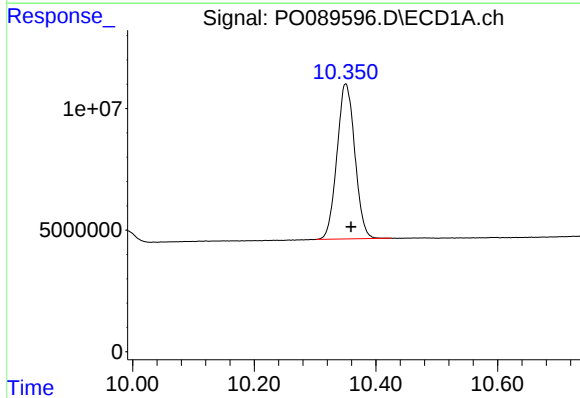
R.T.: 4.475 min
Delta R.T.: -0.001 min
Response: 211902138
Conc: 54.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



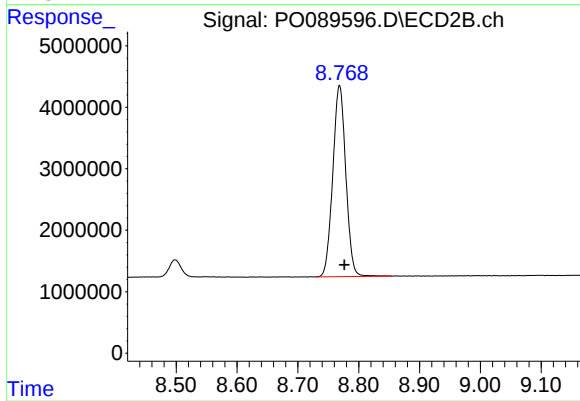
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.002 min
Response: 76769604
Conc: 45.05 ng/ml



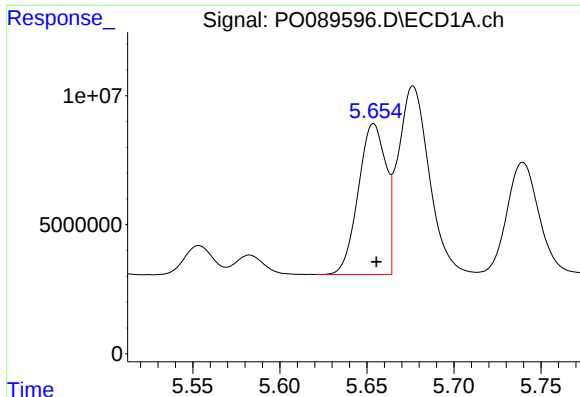
#2 Decachlorobiphenyl

R.T.: 10.350 min
Delta R.T.: -0.009 min
Response: 130031341
Conc: 52.67 ng/ml



#2 Decachlorobiphenyl

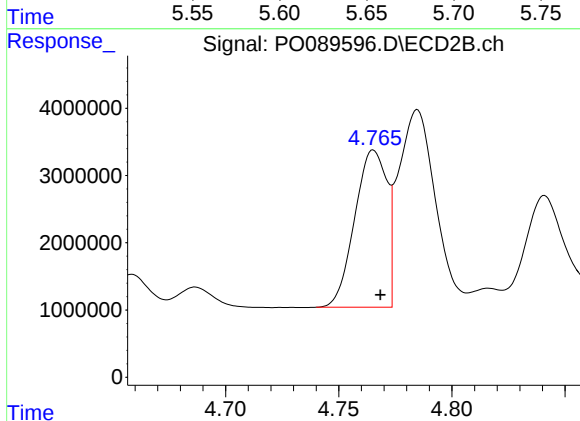
R.T.: 8.769 min
Delta R.T.: -0.008 min
Response: 46193064
Conc: 40.94 ng/ml



#3 AR-1016-1

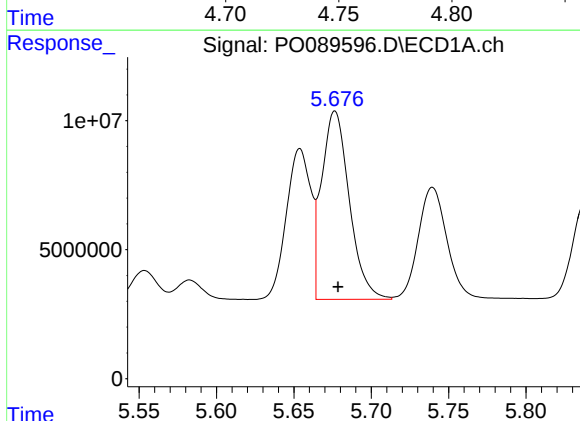
R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 64542499
Conc: 563.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



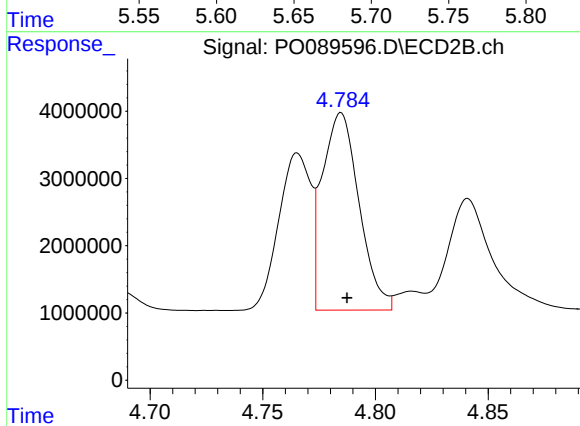
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: -0.003 min
Response: 23099549
Conc: 480.79 ng/ml



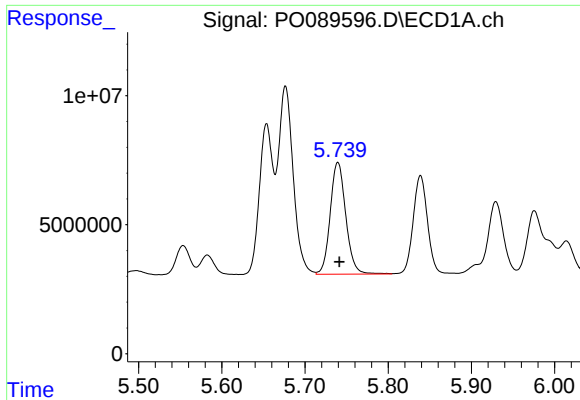
#4 AR-1016-2

R.T.: 5.677 min
Delta R.T.: -0.002 min
Response: 90766433
Conc: 549.74 ng/ml



#4 AR-1016-2

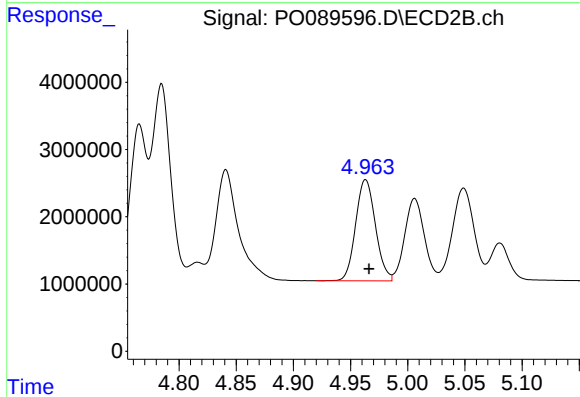
R.T.: 4.785 min
Delta R.T.: -0.003 min
Response: 33321443
Conc: 471.70 ng/ml



#5 AR-1016-3

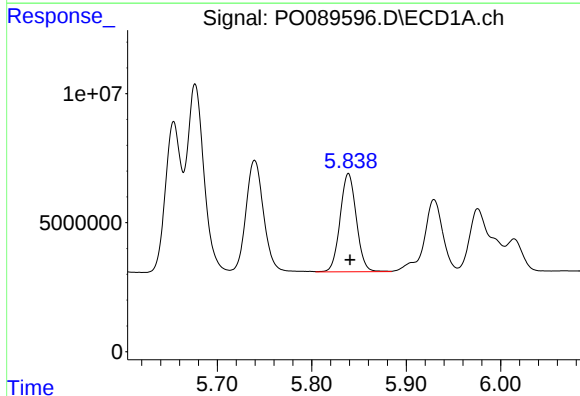
R.T.: 5.740 min
Delta R.T.: -0.002 min
Response: 56219917
Conc: 545.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



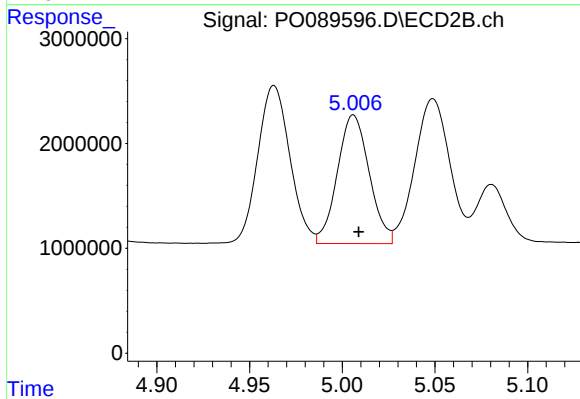
#5 AR-1016-3

R.T.: 4.963 min
Delta R.T.: -0.003 min
Response: 18137555
Conc: 482.53 ng/ml



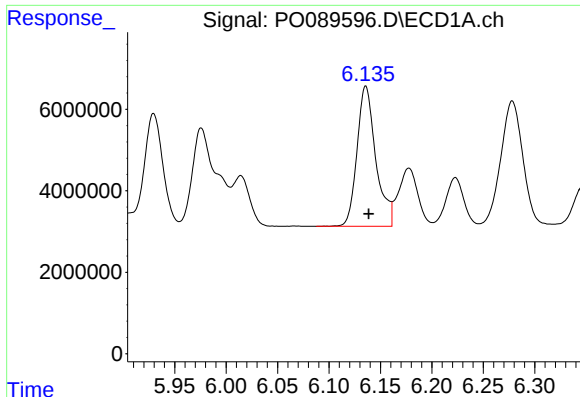
#6 AR-1016-4

R.T.: 5.839 min
Delta R.T.: -0.002 min
Response: 45332488
Conc: 554.00 ng/ml



#6 AR-1016-4

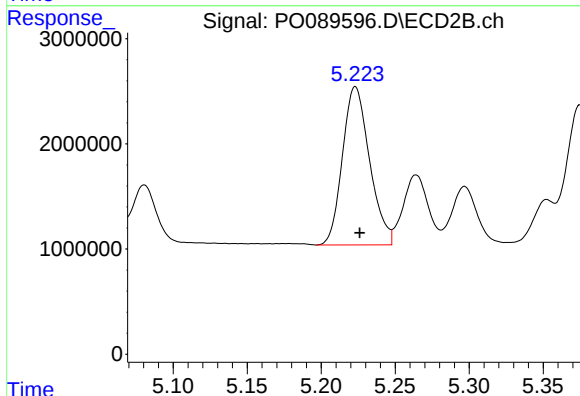
R.T.: 5.006 min
Delta R.T.: -0.003 min
Response: 14687626
Conc: 455.66 ng/ml



#7 AR-1016-5

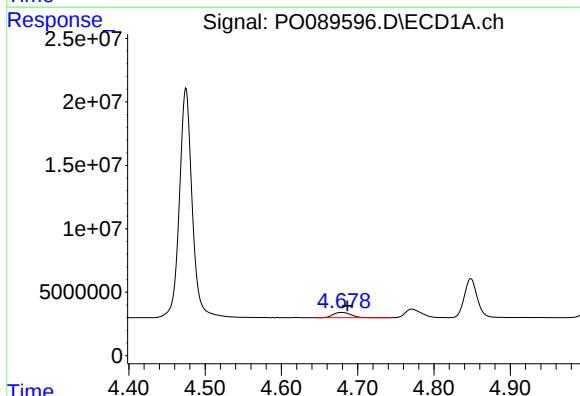
R.T.: 6.136 min
Delta R.T.: -0.003 min
Response: 43780169
Conc: 547.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



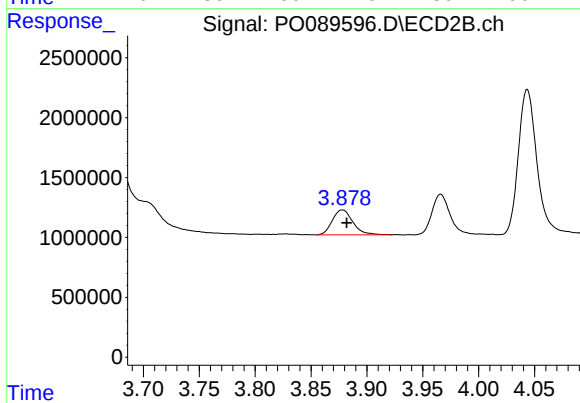
#7 AR-1016-5

R.T.: 5.223 min
Delta R.T.: -0.003 min
Response: 19184218
Conc: 468.58 ng/ml



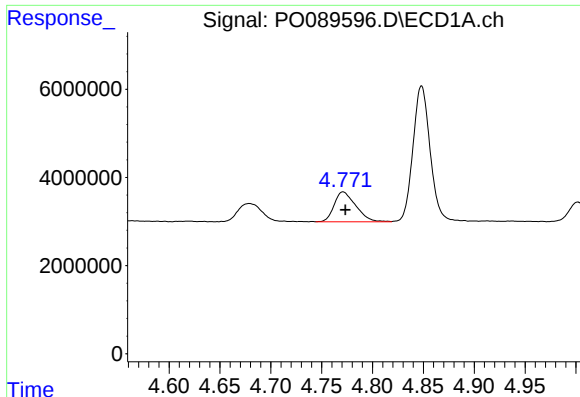
#8 AR-1221-1

R.T.: 4.679 min
Delta R.T.: -0.008 min
Response: 6906418
Conc: 160.84 ng/ml



#8 AR-1221-1

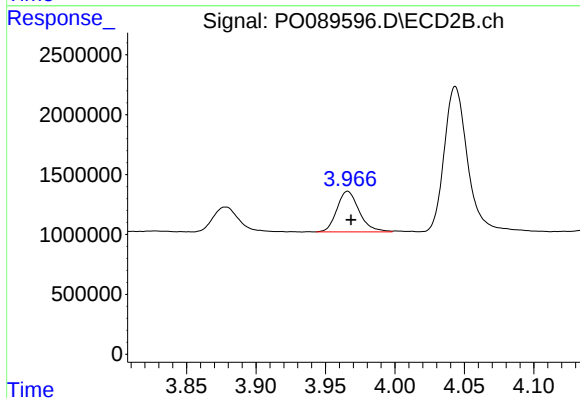
R.T.: 3.878 min
Delta R.T.: -0.004 min
Response: 2681810
Conc: 134.50 ng/ml



#9 AR-1221-2

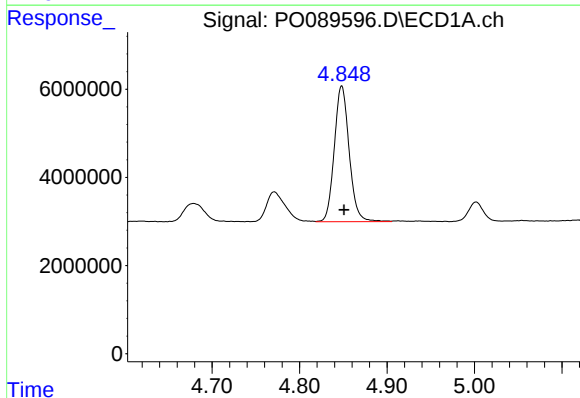
R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 10025213
Conc: 311.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



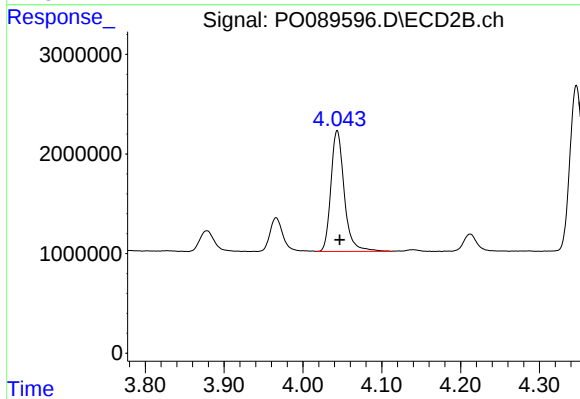
#9 AR-1221-2

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 3795405
Conc: 253.35 ng/ml



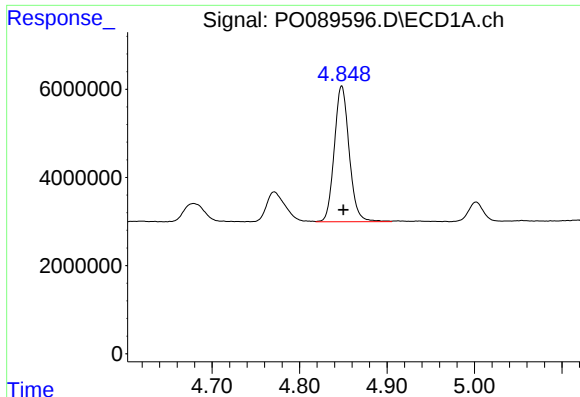
#10 AR-1221-3

R.T.: 4.848 min
Delta R.T.: -0.003 min
Response: 36419310
Conc: 359.62 ng/ml



#10 AR-1221-3

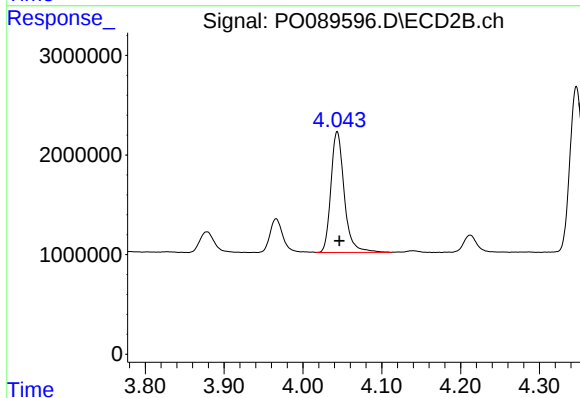
R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 14277903
Conc: 311.19 ng/ml



#11 AR-1232-1

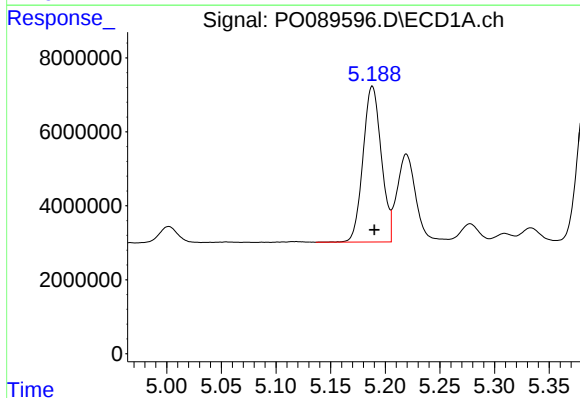
R.T.: 4.848 min
Delta R.T.: -0.002 min
Response: 36419310
Conc: 446.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



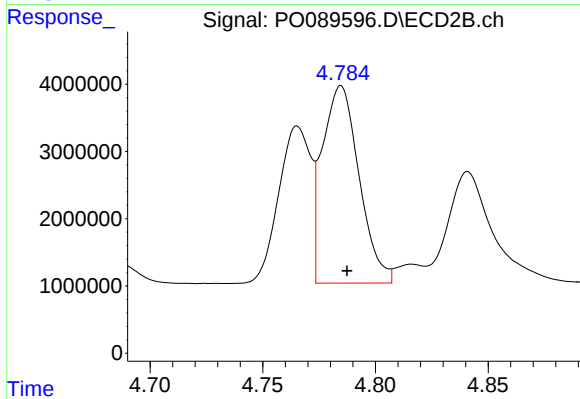
#11 AR-1232-1

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 14277903
Conc: 380.07 ng/ml



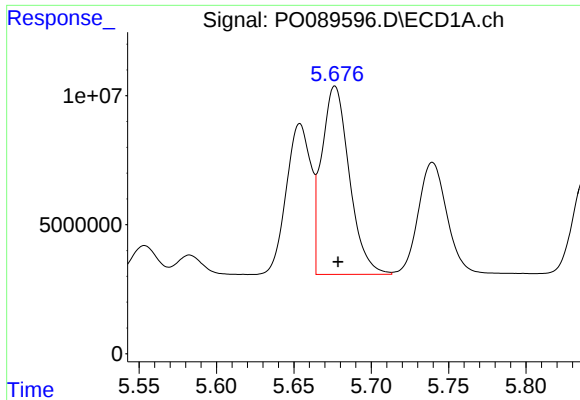
#12 AR-1232-2

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 49054938
Conc: 1255.51 ng/ml



#12 AR-1232-2

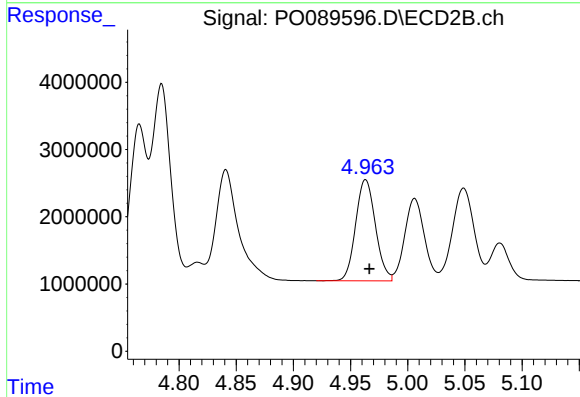
R.T.: 4.785 min
Delta R.T.: -0.003 min
Response: 33321443
Conc: 1019.56 ng/ml



#13 AR-1232-3

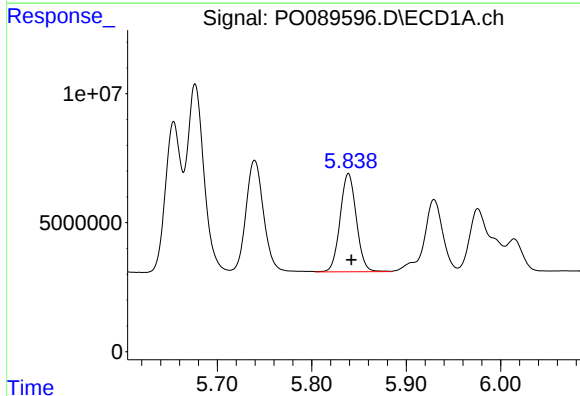
R.T.: 5.677 min
Delta R.T.: -0.002 min
Response: 90766433
Conc: 1225.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



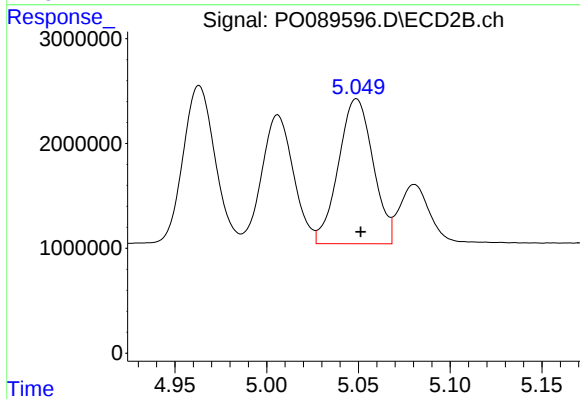
#13 AR-1232-3

R.T.: 4.963 min
Delta R.T.: -0.003 min
Response: 18137555
Conc: 1073.74 ng/ml



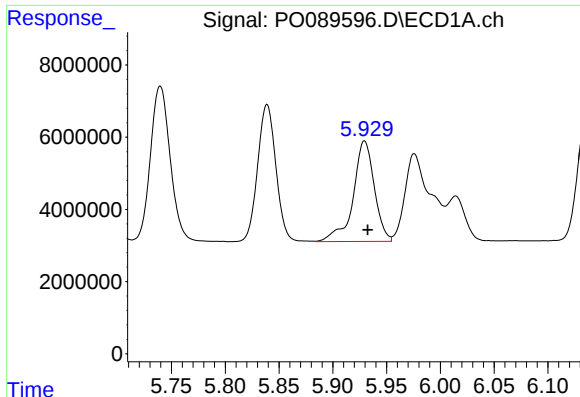
#14 AR-1232-4

R.T.: 5.839 min
Delta R.T.: -0.003 min
Response: 45332488
Conc: 1252.12 ng/ml



#14 AR-1232-4

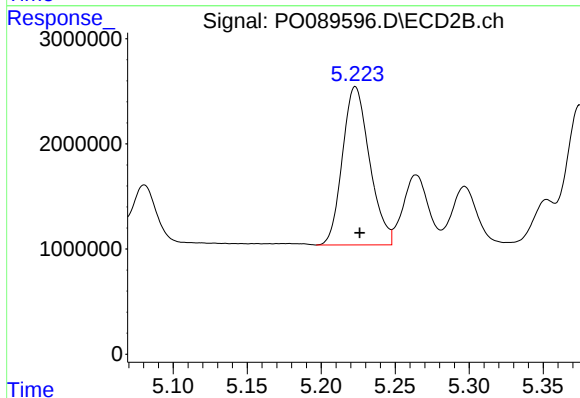
R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 18157751
Conc: 1106.74 ng/ml



#15 AR-1232-5

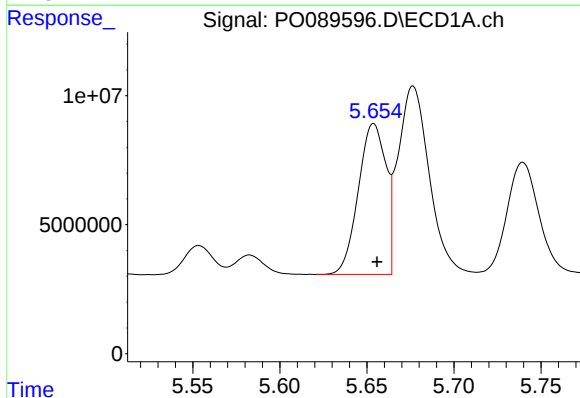
R.T.: 5.929 min
Delta R.T.: -0.003 min
Response: 38235799
Conc: 1311.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



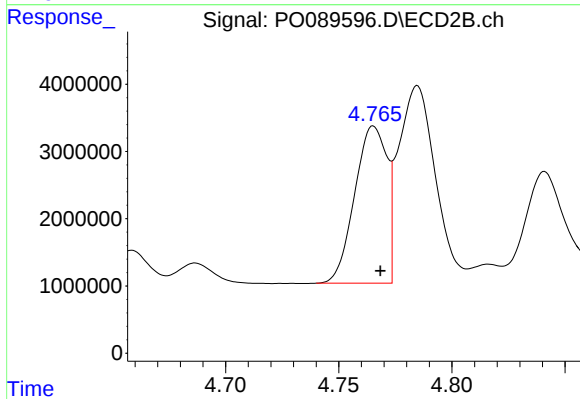
#15 AR-1232-5

R.T.: 5.223 min
Delta R.T.: -0.003 min
Response: 19184218
Conc: 1076.83 ng/ml



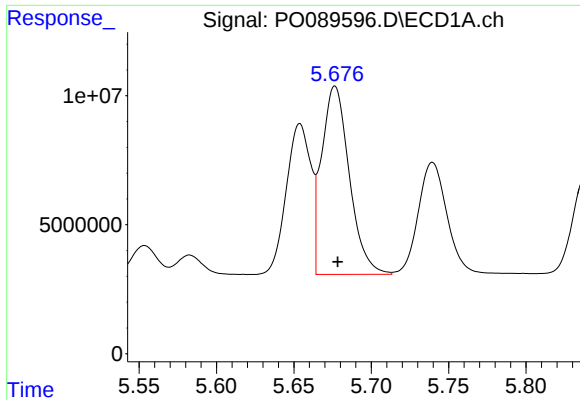
#16 AR-1242-1

R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 64542499
Conc: 642.22 ng/ml



#16 AR-1242-1

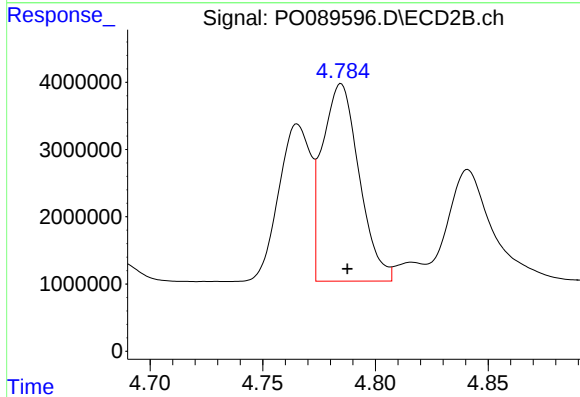
R.T.: 4.765 min
Delta R.T.: -0.003 min
Response: 23099549
Conc: 541.41 ng/ml



#17 AR-1242-2

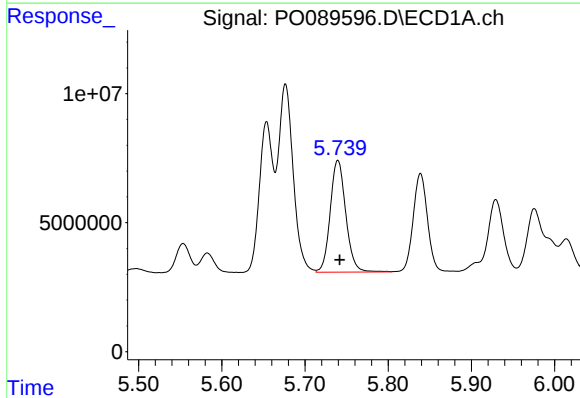
R.T.: 5.677 min
Delta R.T.: -0.002 min
Response: 90766433
Conc: 621.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



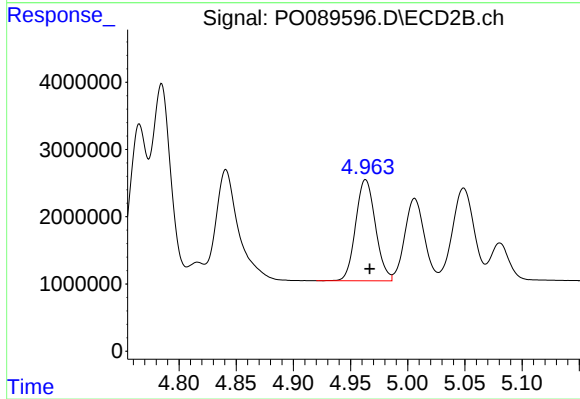
#17 AR-1242-2

R.T.: 4.785 min
Delta R.T.: -0.003 min
Response: 33321443
Conc: 538.44 ng/ml



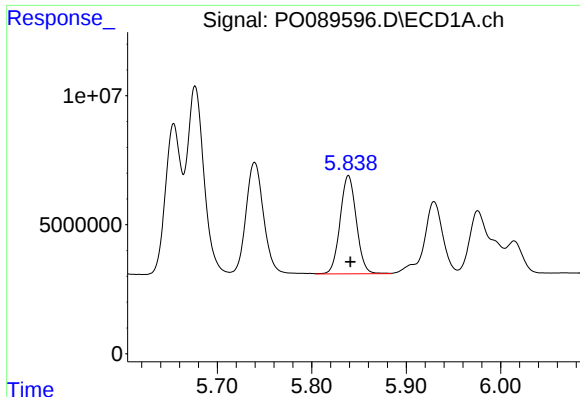
#18 AR-1242-3

R.T.: 5.740 min
Delta R.T.: -0.002 min
Response: 56219917
Conc: 616.05 ng/ml



#18 AR-1242-3

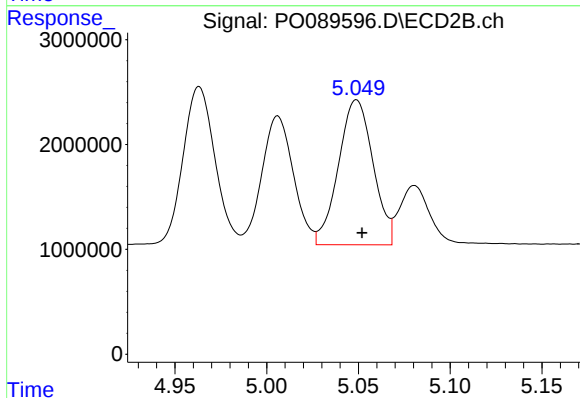
R.T.: 4.963 min
Delta R.T.: -0.004 min
Response: 18137555
Conc: 552.10 ng/ml



#19 AR-1242-4

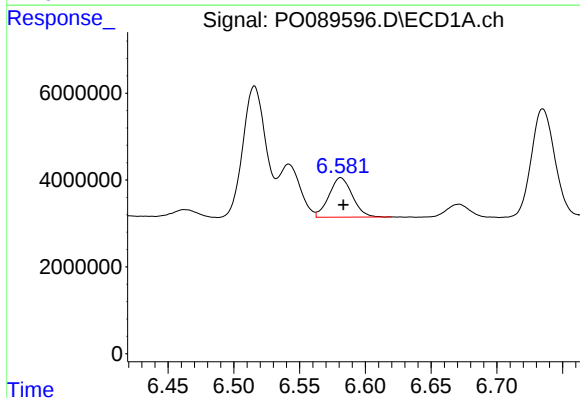
R.T.: 5.839 min
Delta R.T.: -0.002 min
Response: 45332488
Conc: 623.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



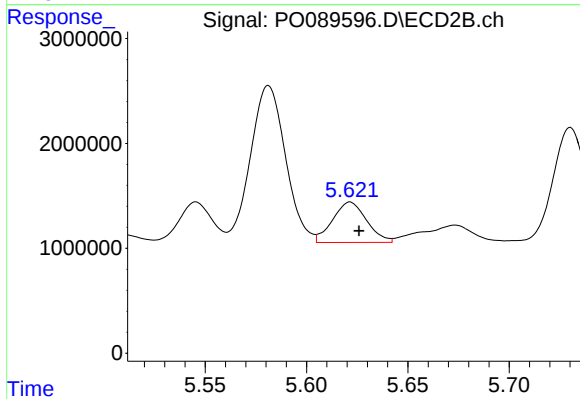
#19 AR-1242-4

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 18157751
Conc: 521.42 ng/ml



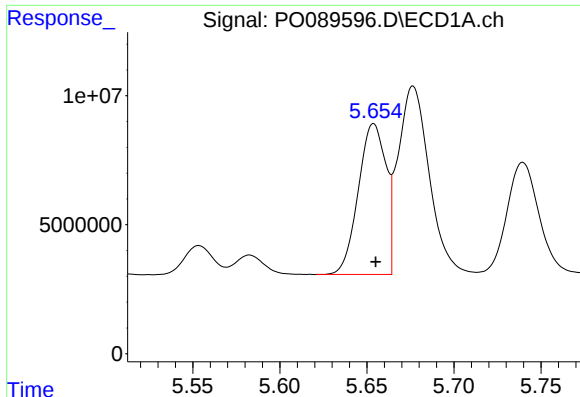
#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: -0.002 min
Response: 11239451
Conc: 157.61 ng/ml



#20 AR-1242-5

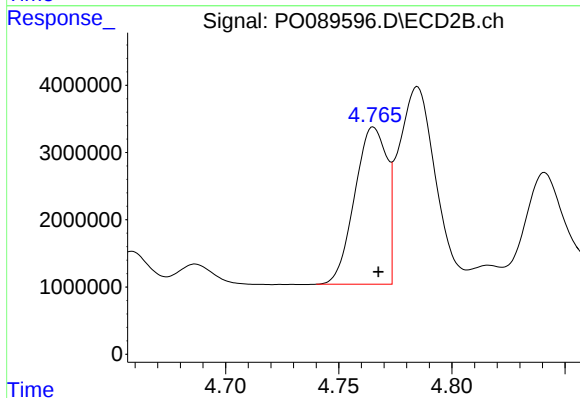
R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 4493810
Conc: 142.68 ng/ml



#21 AR-1248-1

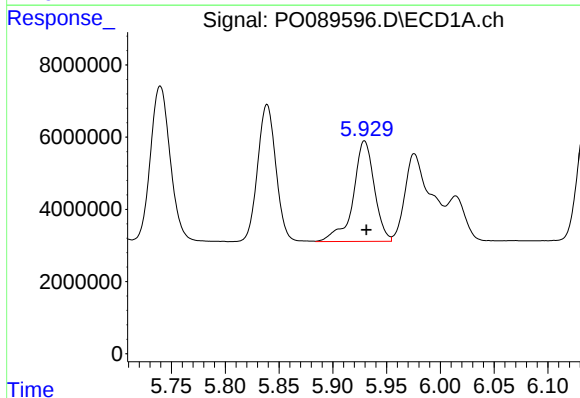
R.T.: 5.654 min
Delta R.T.: -0.001 min
Response: 64542499
Conc: 861.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



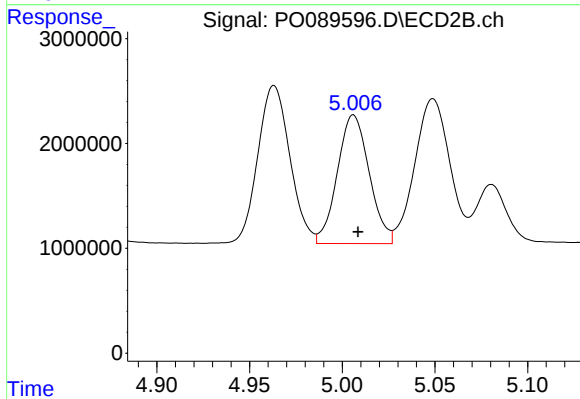
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: -0.002 min
Response: 23099549
Conc: 702.55 ng/ml



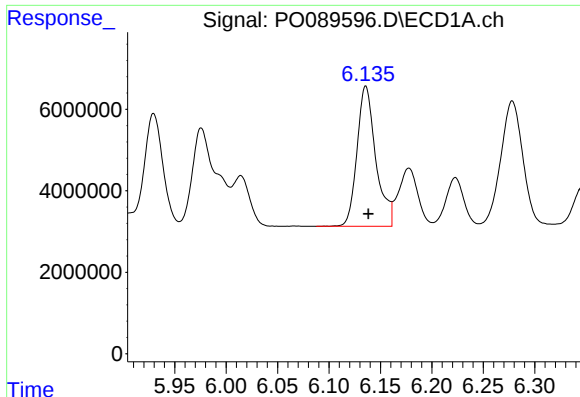
#22 AR-1248-2

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 38235799
Conc: 352.37 ng/ml



#22 AR-1248-2

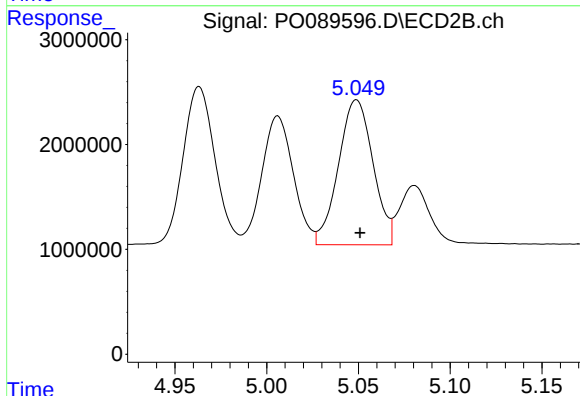
R.T.: 5.006 min
Delta R.T.: -0.002 min
Response: 14687626
Conc: 296.07 ng/ml



#23 AR-1248-3

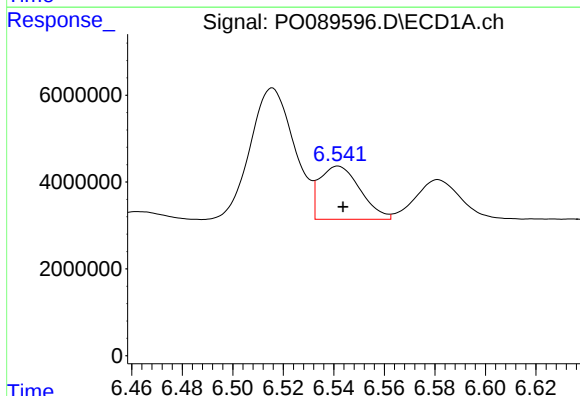
R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 43780169
Conc: 367.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



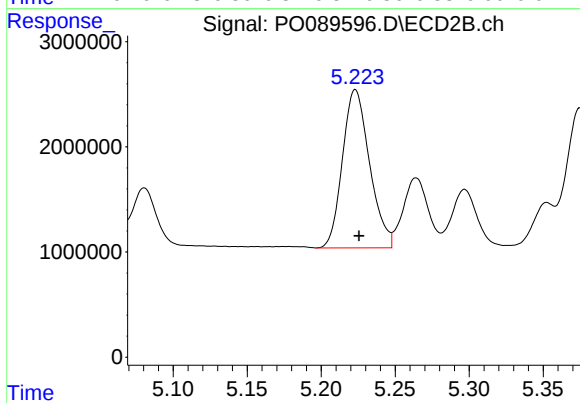
#23 AR-1248-3

R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 18157751
Conc: 350.17 ng/ml



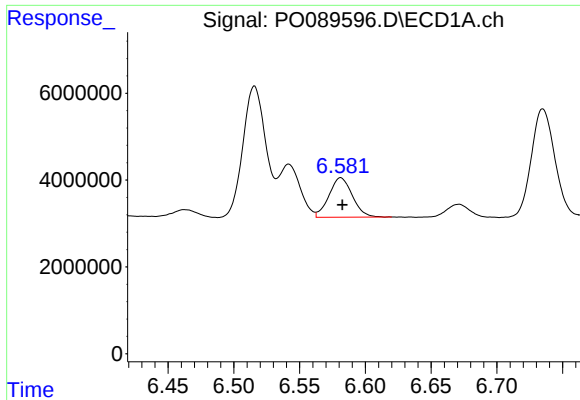
#24 AR-1248-4

R.T.: 6.542 min
Delta R.T.: -0.002 min
Response: 13639070
Conc: 107.18 ng/ml



#24 AR-1248-4

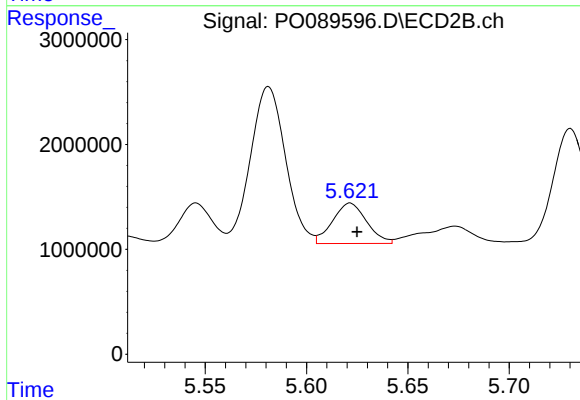
R.T.: 5.223 min
Delta R.T.: -0.002 min
Response: 19184218
Conc: 322.40 ng/ml



#25 AR-1248-5

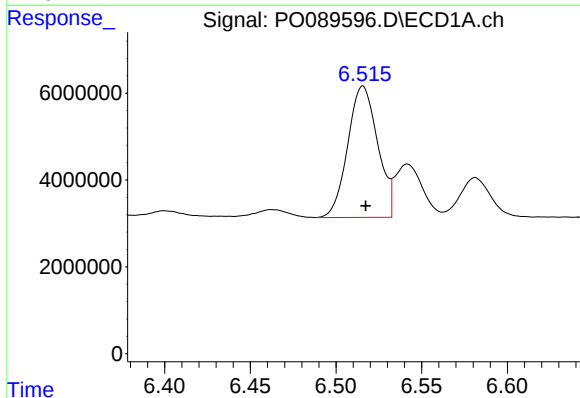
R.T.: 6.581 min
Delta R.T.: -0.001 min
Response: 11239451
Conc: 91.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



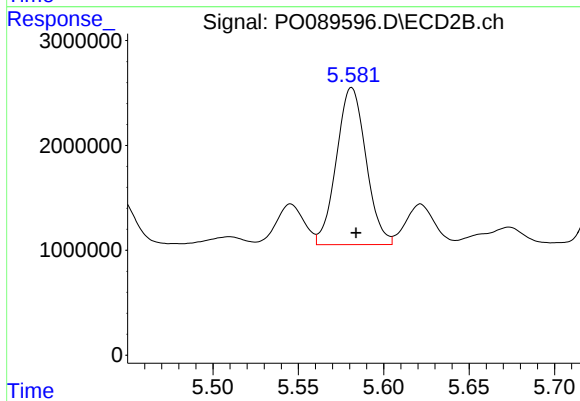
#25 AR-1248-5

R.T.: 5.622 min
Delta R.T.: -0.003 min
Response: 4493810
Conc: 85.11 ng/ml



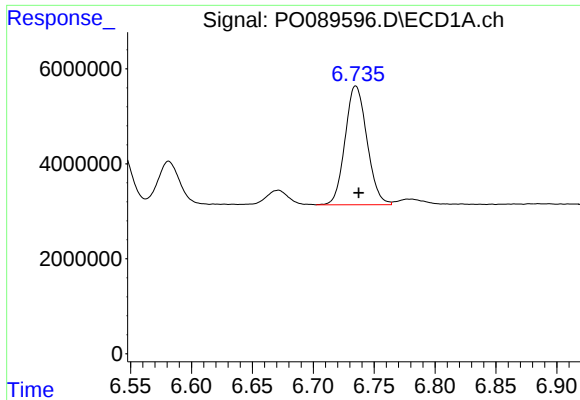
#26 AR-1254-1

R.T.: 6.516 min
Delta R.T.: -0.002 min
Response: 36740007
Conc: 280.08 ng/ml



#26 AR-1254-1

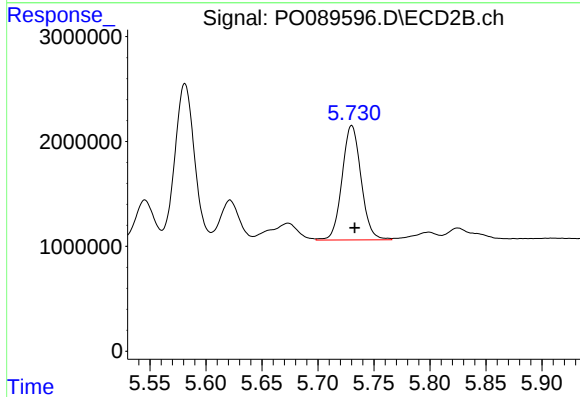
R.T.: 5.581 min
Delta R.T.: -0.003 min
Response: 18025714
Conc: 210.43 ng/ml



#27 AR-1254-2

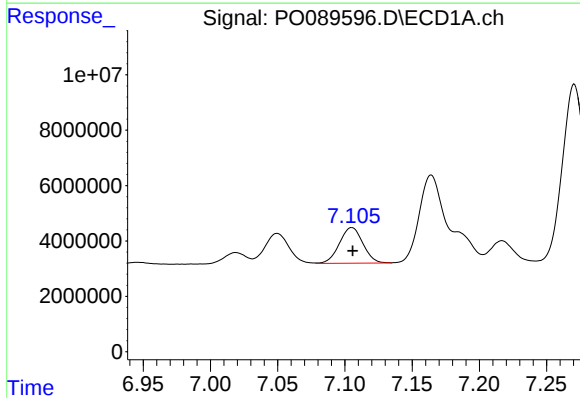
R.T.: 6.735 min
Delta R.T.: -0.003 min
Response: 31259411
Conc: 157.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



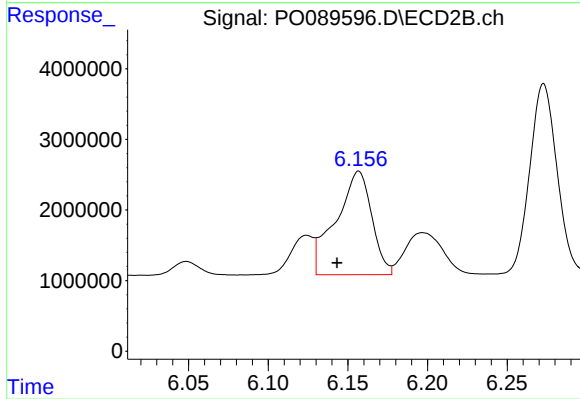
#27 AR-1254-2

R.T.: 5.730 min
Delta R.T.: -0.003 min
Response: 12917830
Conc: 173.04 ng/ml



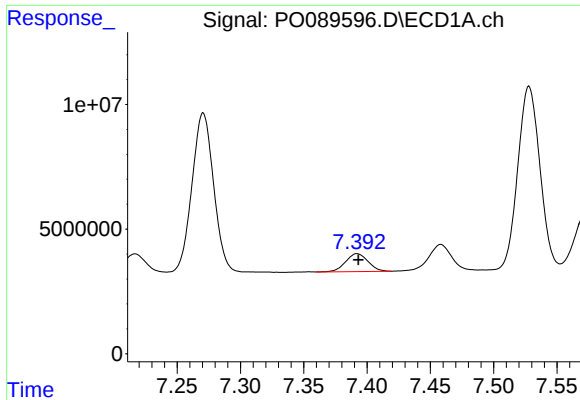
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 15592438
Conc: 77.11 ng/ml



#28 AR-1254-3

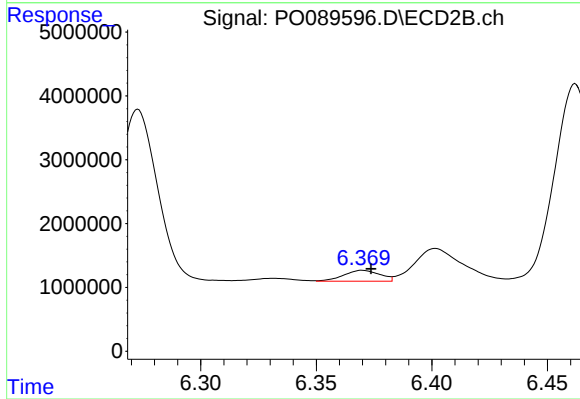
R.T.: 6.157 min
Delta R.T.: 0.013 min
Response: 23006856
Conc: 198.46 ng/ml



#29 AR-1254-4

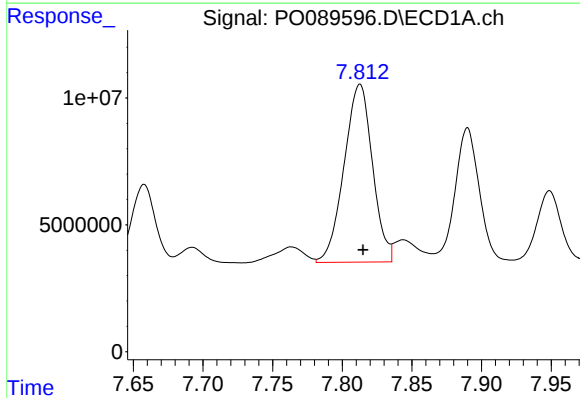
R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 8847521
Conc: 64.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



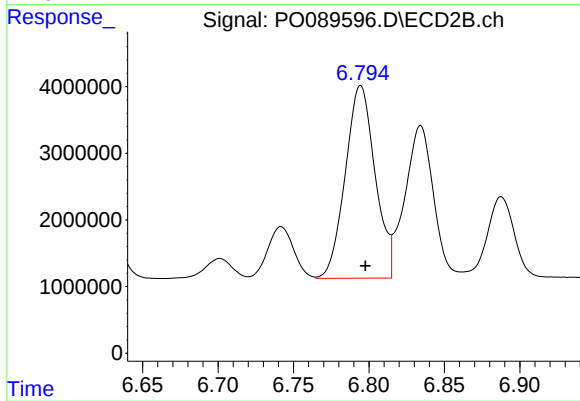
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: -0.004 min
Response: 1857544
Conc: 28.81 ng/ml



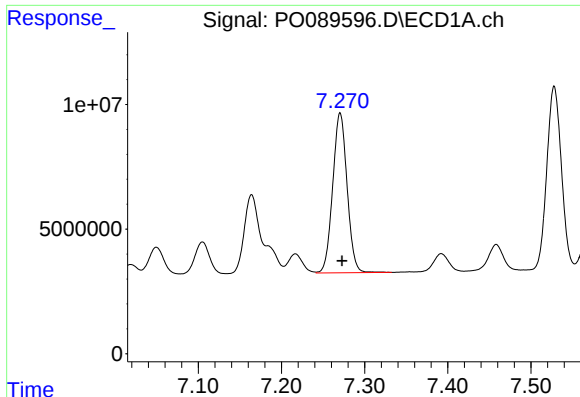
#30 AR-1254-5

R.T.: 7.813 min
Delta R.T.: -0.002 min
Response: 99542189
Conc: 672.02 ng/ml



#30 AR-1254-5

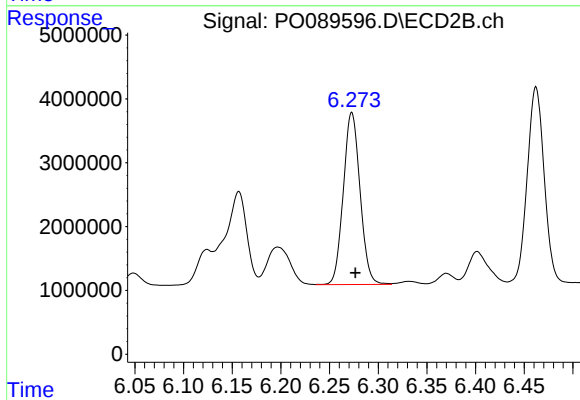
R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 39720311
Conc: 420.11 ng/ml



#31 AR-1260-1

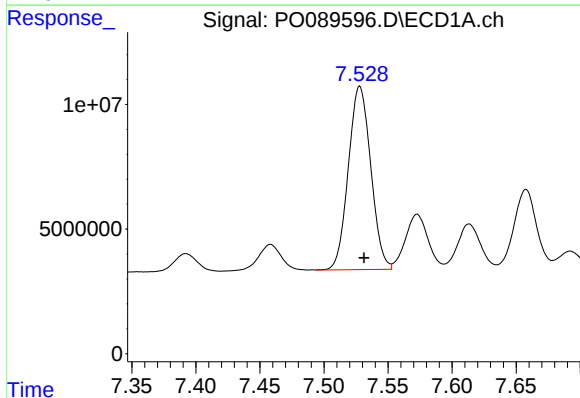
R.T.: 7.271 min
Delta R.T.: -0.002 min
Response: 77019309
Conc: 536.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



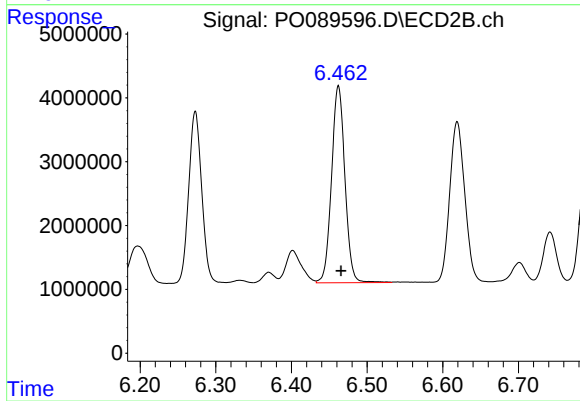
#31 AR-1260-1

R.T.: 6.273 min
Delta R.T.: -0.004 min
Response: 32344055
Conc: 434.74 ng/ml



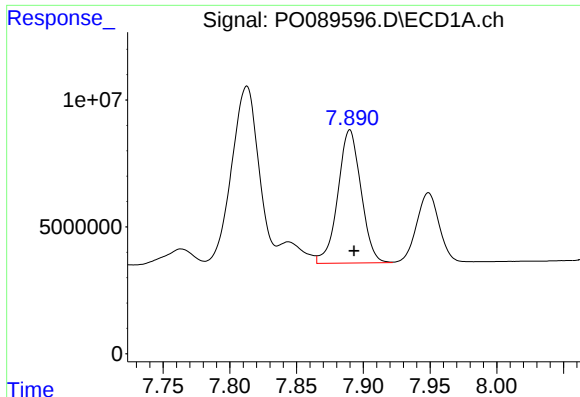
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: -0.003 min
Response: 89732393
Conc: 548.74 ng/ml



#32 AR-1260-2

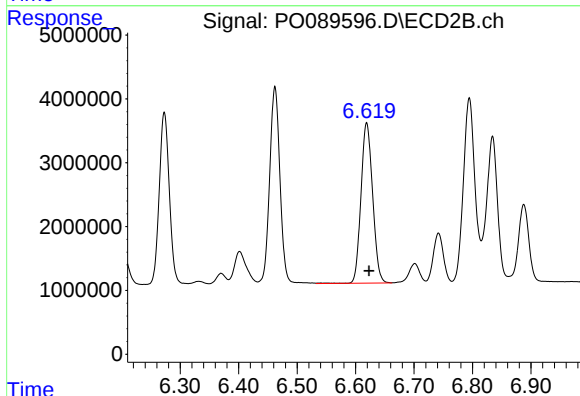
R.T.: 6.462 min
Delta R.T.: -0.004 min
Response: 37932080
Conc: 442.16 ng/ml



#33 AR-1260-3

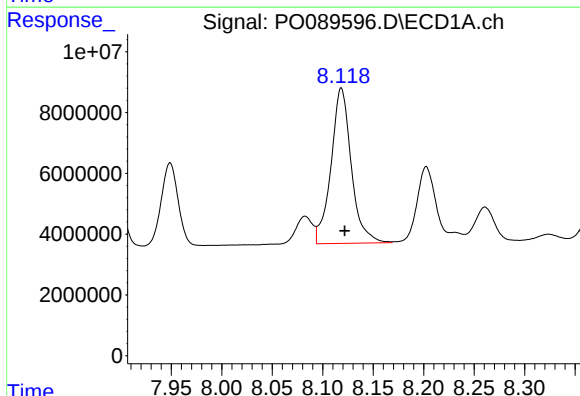
R.T.: 7.890 min
Delta R.T.: -0.003 min
Response: 63203202
Conc: 527.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



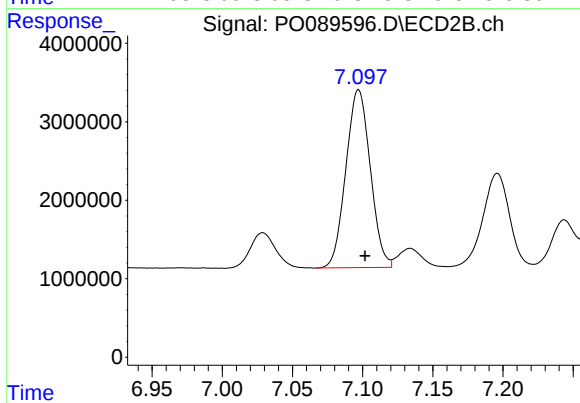
#33 AR-1260-3

R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 34752672
Conc: 426.61 ng/ml



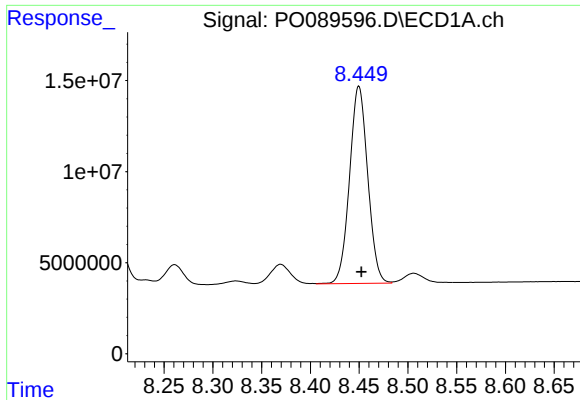
#34 AR-1260-4

R.T.: 8.118 min
Delta R.T.: -0.003 min
Response: 71576713
Conc: 530.09 ng/ml



#34 AR-1260-4

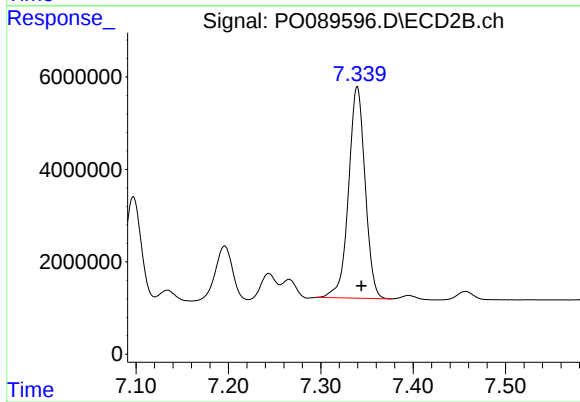
R.T.: 7.097 min
Delta R.T.: -0.005 min
Response: 27455494
Conc: 425.17 ng/ml



#35 AR-1260-5

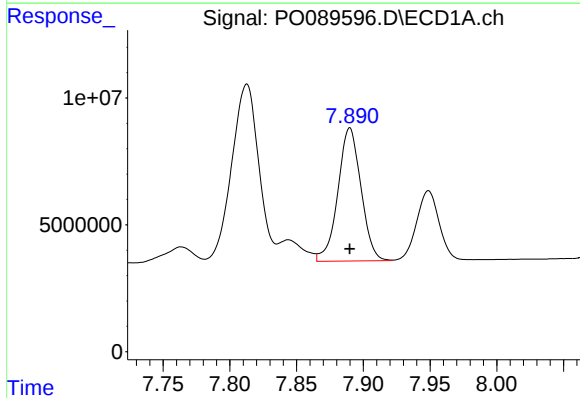
R.T.: 8.450 min
Delta R.T.: -0.003 min
Response: 140550077
Conc: 529.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



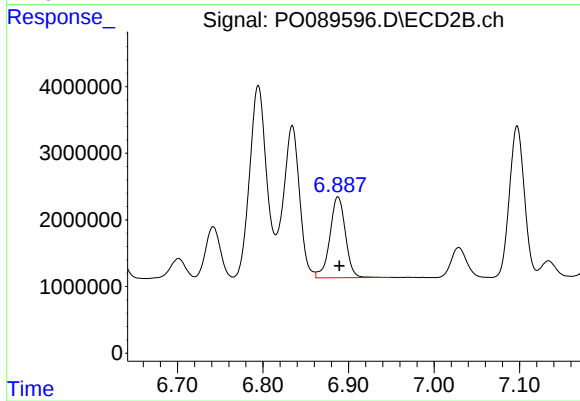
#35 AR-1260-5

R.T.: 7.340 min
Delta R.T.: -0.005 min
Response: 57066774
Conc: 431.10 ng/ml



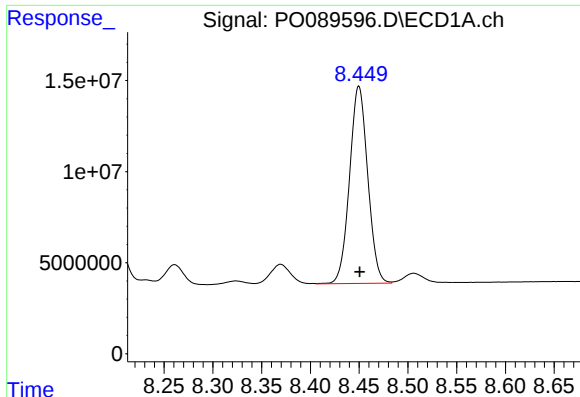
#36 AR-1262-1

R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 63203202
Conc: 349.66 ng/ml



#36 AR-1262-1

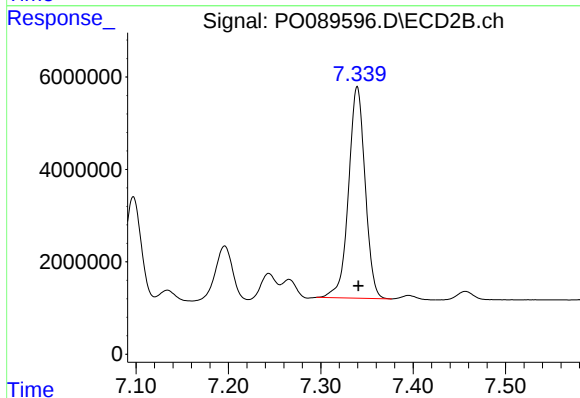
R.T.: 6.888 min
Delta R.T.: -0.002 min
Response: 15344193
Conc: 372.50 ng/ml



#37 AR-1262-2

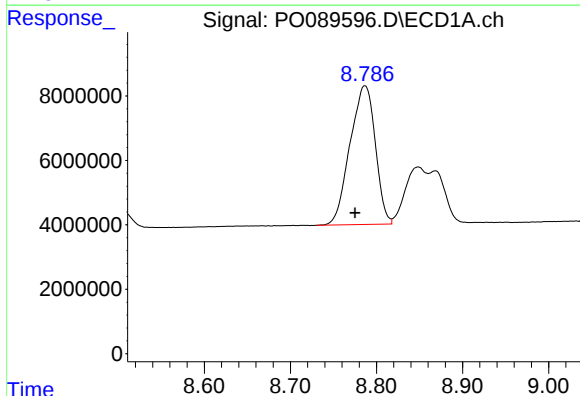
R.T.: 8.450 min
Delta R.T.: 0.000 min
Response: 140550077
Conc: 452.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



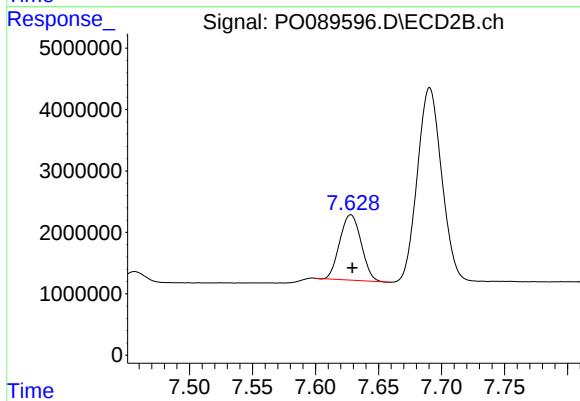
#37 AR-1262-2

R.T.: 7.340 min
Delta R.T.: -0.001 min
Response: 57066774
Conc: 386.63 ng/ml



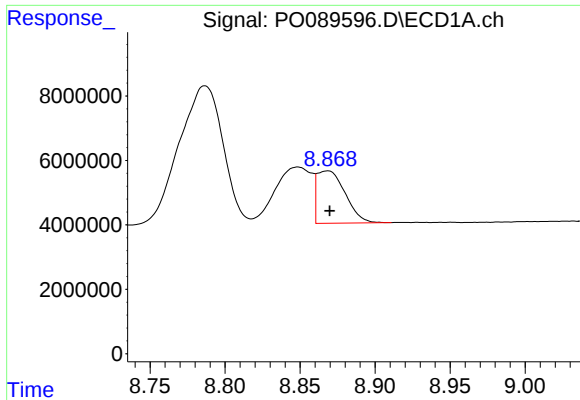
#38 AR-1262-3

R.T.: 8.787 min
Delta R.T.: 0.011 min
Response: 88091079
Conc: 422.37 ng/ml



#38 AR-1262-3

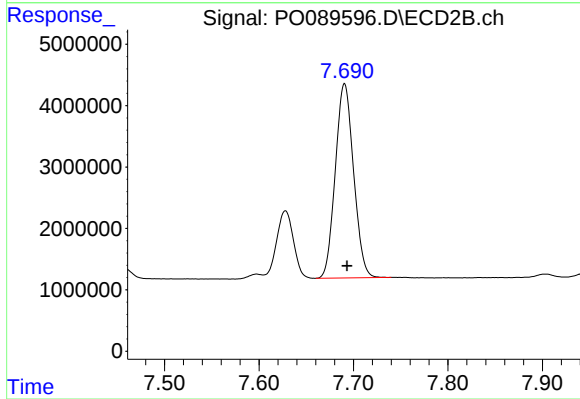
R.T.: 7.628 min
Delta R.T.: -0.001 min
Response: 12607168
Conc: 202.22 ng/ml



#39 AR-1262-4

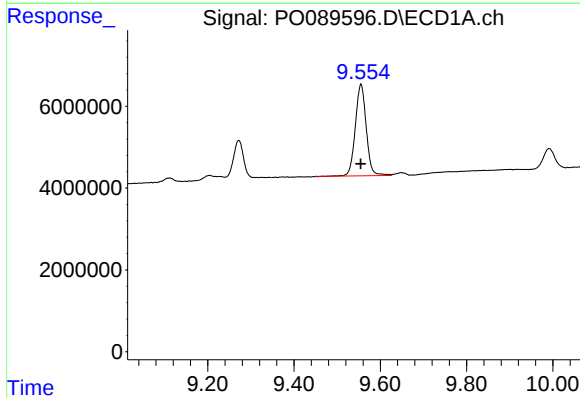
R.T.: 8.868 min
Delta R.T.: -0.001 min
Response: 21230085
Conc: 227.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



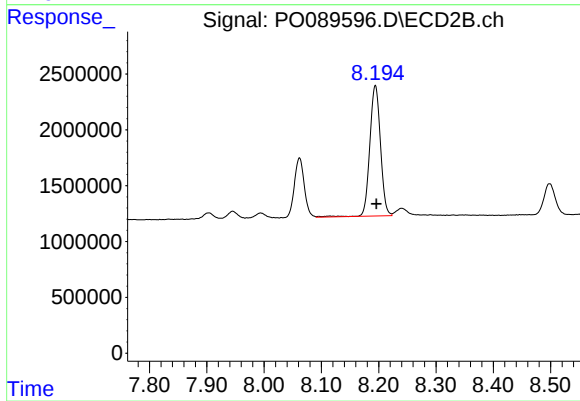
#39 AR-1262-4

R.T.: 7.691 min
Delta R.T.: -0.003 min
Response: 42490704
Conc: 388.35 ng/ml



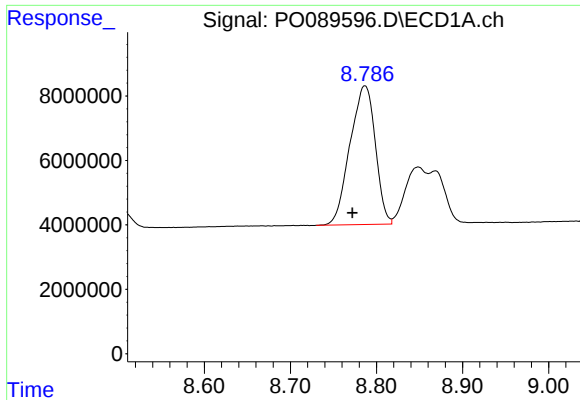
#40 AR-1262-5

R.T.: 9.555 min
Delta R.T.: 0.000 min
Response: 39181426
Conc: 360.73 ng/ml



#40 AR-1262-5

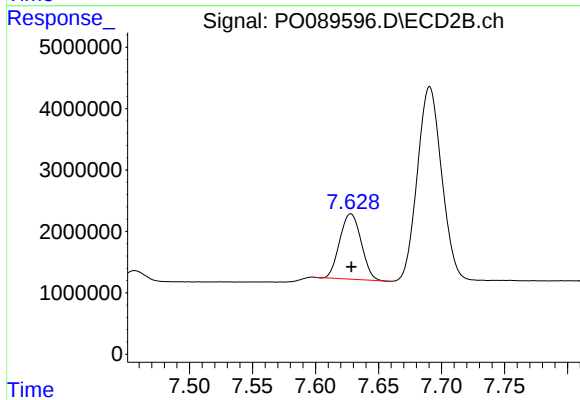
R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 15045718
Conc: 299.61 ng/ml



#41 AR-1268-1

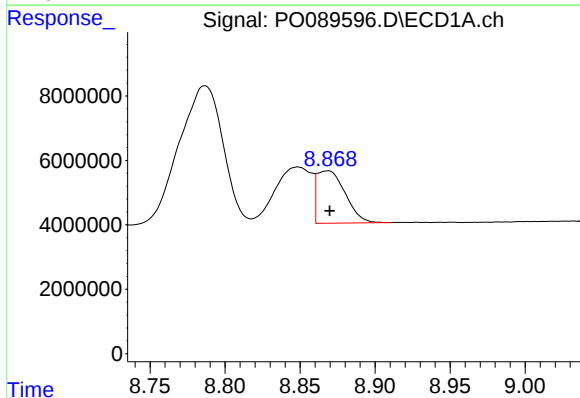
R.T.: 8.787 min
Delta R.T.: 0.015 min
Response: 88091079
Conc: 235.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



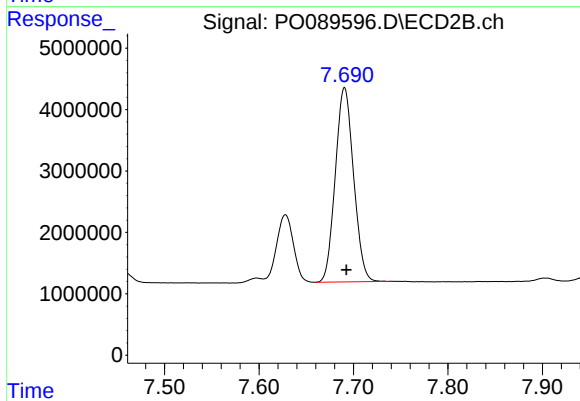
#41 AR-1268-1

R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 12607168
Conc: 73.39 ng/ml



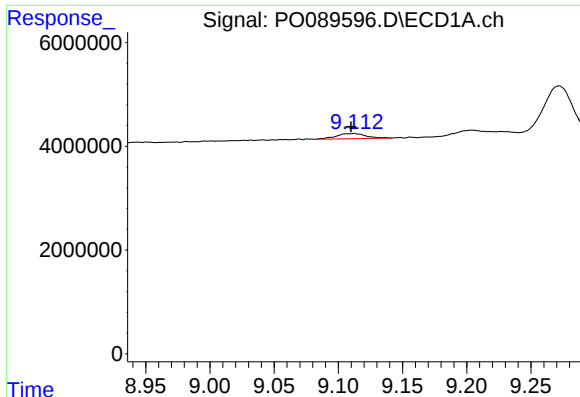
#42 AR-1268-2

R.T.: 8.868 min
Delta R.T.: -0.001 min
Response: 21230085
Conc: 63.19 ng/ml



#42 AR-1268-2

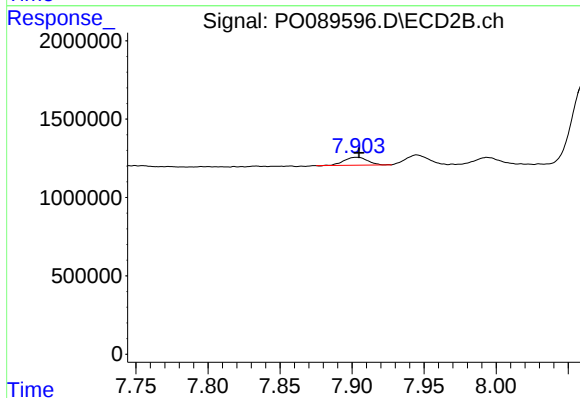
R.T.: 7.691 min
Delta R.T.: -0.002 min
Response: 42490704
Conc: 274.36 ng/ml



#43 AR-1268-3

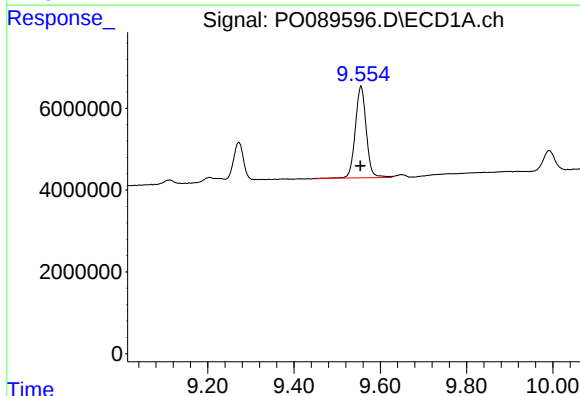
R.T.: 9.112 min
Delta R.T.: 0.002 min
Response: 1648419
Conc: 5.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



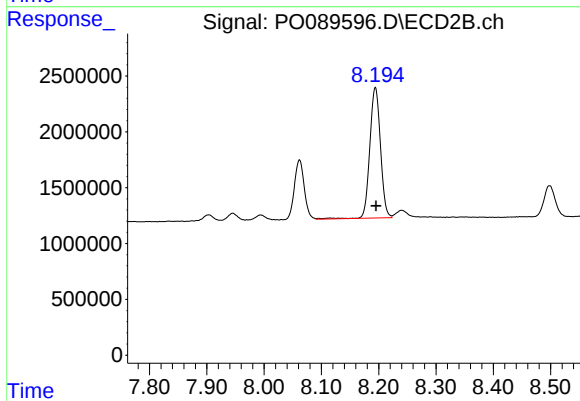
#43 AR-1268-3

R.T.: 7.903 min
Delta R.T.: -0.002 min
Response: 574384
Conc: 4.18 ng/ml



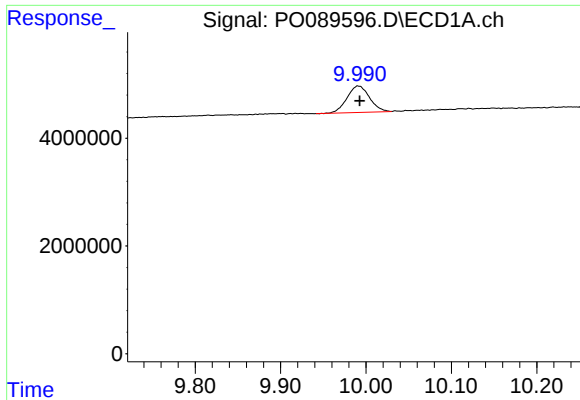
#44 AR-1268-4

R.T.: 9.555 min
Delta R.T.: 0.001 min
Response: 39181426
Conc: 324.78 ng/ml



#44 AR-1268-4

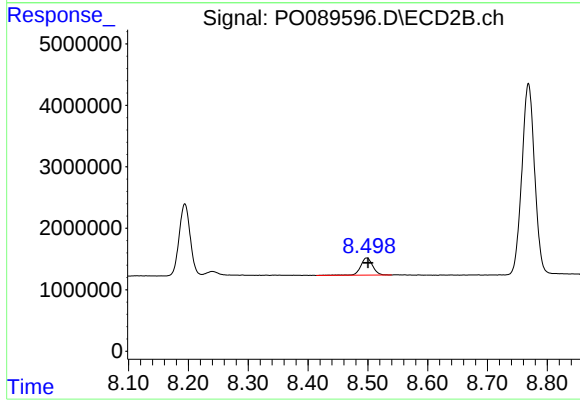
R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 15045718
Conc: 263.98 ng/ml



#45 AR-1268-5

R.T.: 9.991 min
Delta R.T.: -0.001 min
Response: 9015432
Conc: 9.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 3920426
Conc: 10.02 ng/ml