

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032223\
 Data File : P0093456.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2023 02:29
 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: Mar 23 03:33:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 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...	4.424	3.630	166.1E6	59138084	53.057	52.434
2)	SA Decachlor...	10.248	8.654	119.3E6	50667163	55.136	51.747
Target Compounds							
3)	L1 AR-1016-1	5.600	4.714	50853578	18804349	532.208	525.324
4)	L1 AR-1016-2	5.623	4.732	74661012	27329491	522.866	526.619
5)	L1 AR-1016-3	5.685	4.908	47835164	14762890	527.204	533.624
6)	L1 AR-1016-4	5.784	4.951	36595086	12598790	540.139	506.712
7)	L1 AR-1016-5	6.081	5.164	40608209	18863388	542.367	596.022
8)	L2 AR-1221-1	4.629	3.842	6156246	2235236	152.298	152.010
9)	L2 AR-1221-2	4.721	3.929	8543187	3169745	281.909	290.251
10)	L2 AR-1221-3	4.797	4.004	31898661	12091385	348.918	354.927
11)	L3 AR-1232-1	4.797	4.004	31898661	12091385	436.916	428.102
12)	L3 AR-1232-2	5.330	4.732	41271756	27329491	1147.829	1109.138
13)	L3 AR-1232-3	5.623	4.908	74661012	14762890	1140.475	1166.865
14)	L3 AR-1232-4	5.784	4.993	36595086	15876505	1195.258	1239.612
15)	L3 AR-1232-5	5.876	5.164	34723843	18863388	1251.372	1345.067
16)	L4 AR-1242-1	5.600	4.714	50853578	18804349	620.443	618.835
17)	L4 AR-1242-2	5.623	4.732	74661012	27329491	622.055	615.560
18)	L4 AR-1242-3	5.685	4.908	47835164	14762890	623.274	631.441
19)	L4 AR-1242-4	5.784	4.993	36595086	15876505	638.552	609.460
20)	L4 AR-1242-5	6.527	5.517	17419412	17601571	278.755	616.148 #
21)	L5 AR-1248-1	5.600	4.714	50853578	18804349	818.056	808.036
22)	L5 AR-1248-2	5.876	4.951	34723843	12598790	363.563	347.643
23)	L5 AR-1248-3	6.081	4.993	40608209	15876505	390.242	423.073
24)	L5 AR-1248-4	6.488	5.164	14942798	18863388	146.741	438.465 #
25)	L5 AR-1248-5	6.527	5.555	17419412	5935511	170.179	161.390
26)	L6 AR-1254-1	6.463	5.517	35162644	17601571	300.895	280.442
27)	L6 AR-1254-2	6.682	5.664	36007716	12838187	210.734	227.822
28)	L6 AR-1254-3	7.052	6.085	19481125	23891280	117.188	277.502 #
29)	L6 AR-1254-4	7.339	6.298	15889777	2601645	149.062	56.890 #
30)	L6 AR-1254-5	7.761	6.718	88549944	39449965	653.946	534.176
31)	L7 AR-1260-1	7.218	6.200	80005586	35116318	617.553	577.585
32)	L7 AR-1260-2	7.477	6.389	83018571	40716046	562.361	563.180
33)	L7 AR-1260-3	7.840	6.543	62552839	36548746	556.120	546.575
34)	L7 AR-1260-4	8.067	7.017	68122743	29567285	531.221	537.279
35)	L7 AR-1260-5	8.393	7.260	126.1E6	63477656	564.542	539.177
36)	L8 AR-1262-1	7.761	6.718	88549944	39449965	890.812	1055.699
37)	L8 AR-1262-2	8.393	7.260	126.1E6	63477656	531.496	533.053
38)	L8 AR-1262-3	8.724	7.608	81480133	46577296	482.467	515.319
39)	L8 AR-1262-4	8.786	7.608	53118844	46577296	593.095	515.319
40)	L8 AR-1262-5	9.475	8.106	37047369	16163289	387.891	394.952
41)	L9 AR-1268-1	8.724	7.545	81480133	14985907	255.161	95.759 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

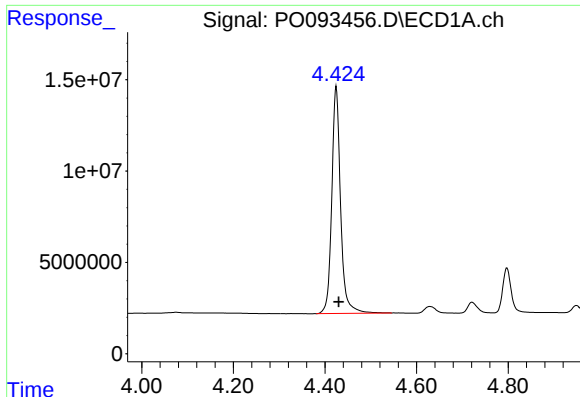
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 03:33:14 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	8.786	7.608	53118844	46577296	182.970	333.612 #
43) L9	AR-1268-3	9.040	7.816	2090540	848892	8.190	6.822
44) L9	AR-1268-4	9.475	8.106	37047369	16163289	346.904	327.772
45) L9	AR-1268-5	9.901	8.399	10441854	4553932	13.007	12.896

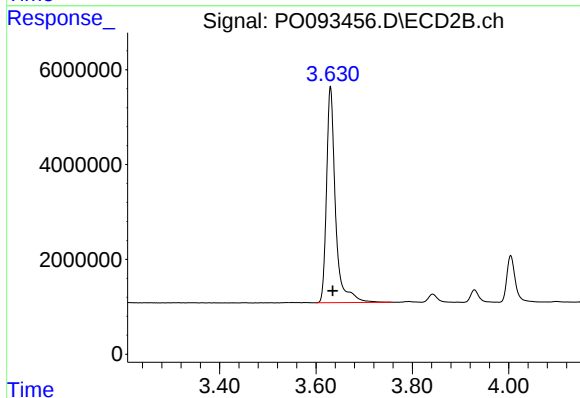
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

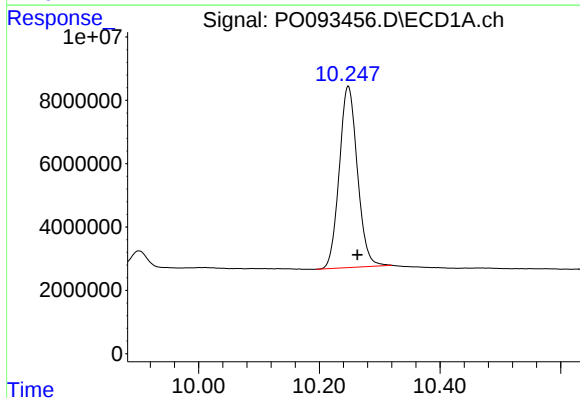
R.T.: 4.424 min
Delta R.T.: -0.006 min
Response: 166146836
Conc: 53.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



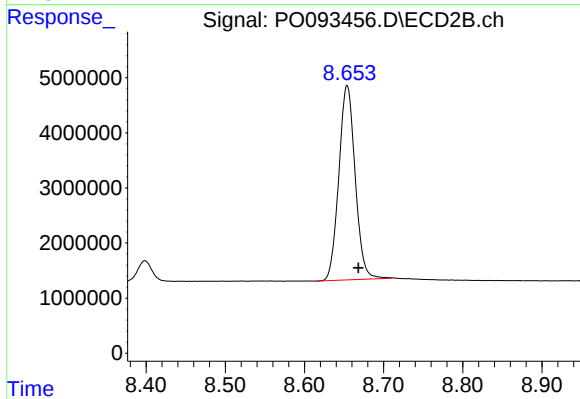
#1 Tetrachloro-m-xylene

R.T.: 3.630 min
Delta R.T.: -0.005 min
Response: 59138084
Conc: 52.43 ng/ml



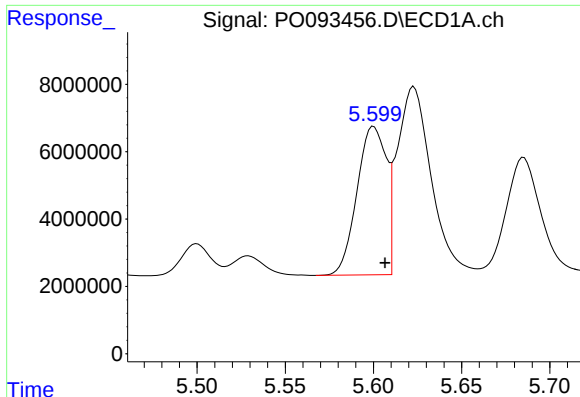
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: -0.015 min
Response: 119329985
Conc: 55.14 ng/ml



#2 Decachlorobiphenyl

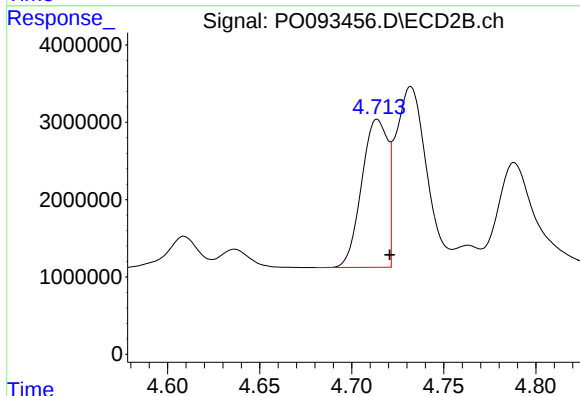
R.T.: 8.654 min
Delta R.T.: -0.014 min
Response: 50667163
Conc: 51.75 ng/ml



#3 AR-1016-1

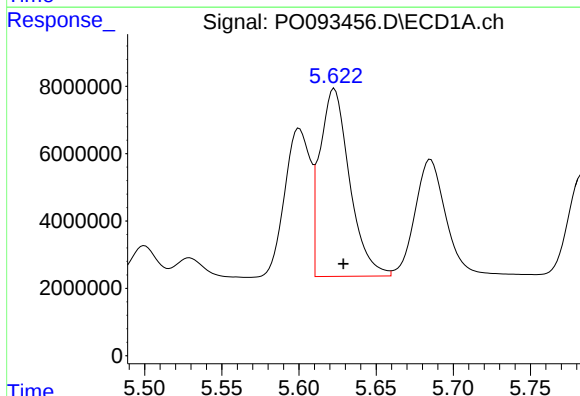
R.T.: 5.600 min
Delta R.T.: -0.006 min
Response: 50853578
Conc: 532.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



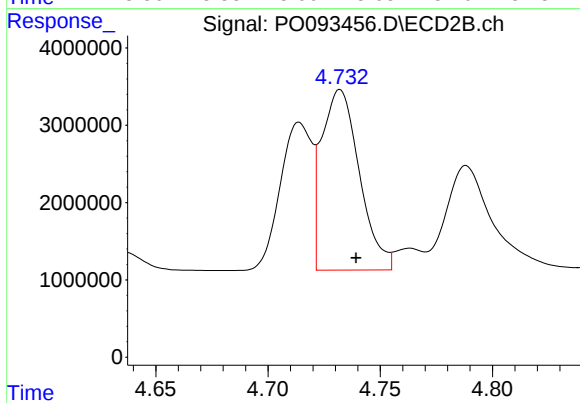
#3 AR-1016-1

R.T.: 4.714 min
Delta R.T.: -0.007 min
Response: 18804349
Conc: 525.32 ng/ml



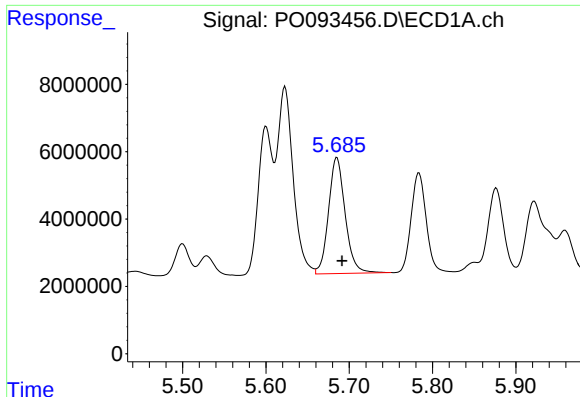
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 74661012
Conc: 522.87 ng/ml



#4 AR-1016-2

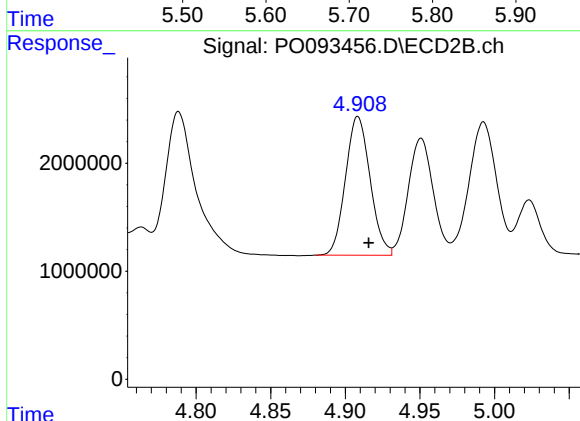
R.T.: 4.732 min
Delta R.T.: -0.007 min
Response: 27329491
Conc: 526.62 ng/ml



#5 AR-1016-3

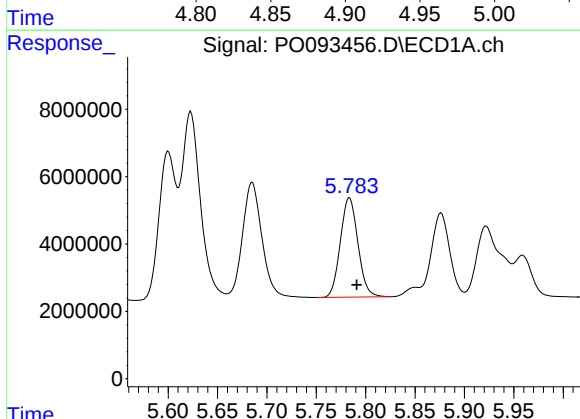
R.T.: 5.685 min
Delta R.T.: -0.006 min
Response: 47835164
Conc: 527.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



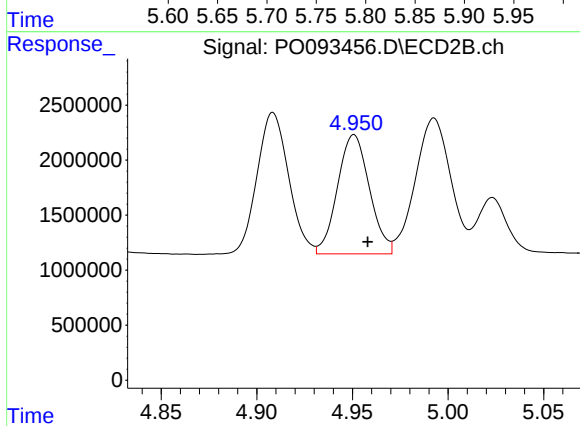
#5 AR-1016-3

R.T.: 4.908 min
Delta R.T.: -0.007 min
Response: 14762890
Conc: 533.62 ng/ml



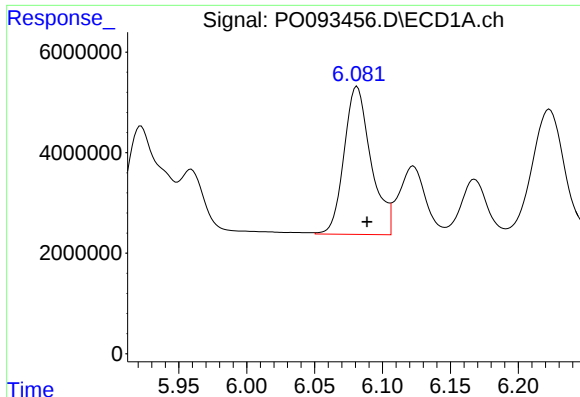
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 36595086
Conc: 540.14 ng/ml



#6 AR-1016-4

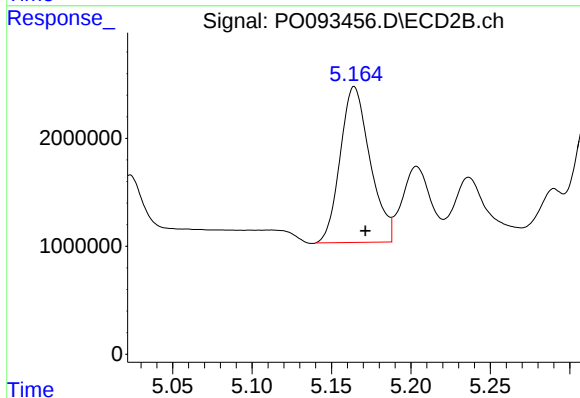
R.T.: 4.951 min
Delta R.T.: -0.007 min
Response: 12598790
Conc: 506.71 ng/ml



#7 AR-1016-5

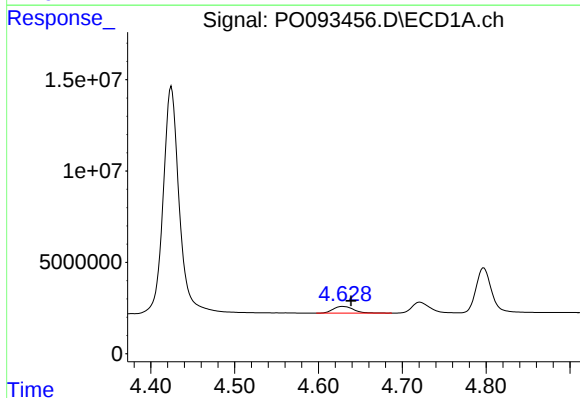
R.T.: 6.081 min
Delta R.T.: -0.007 min
Response: 40608209
Conc: 542.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



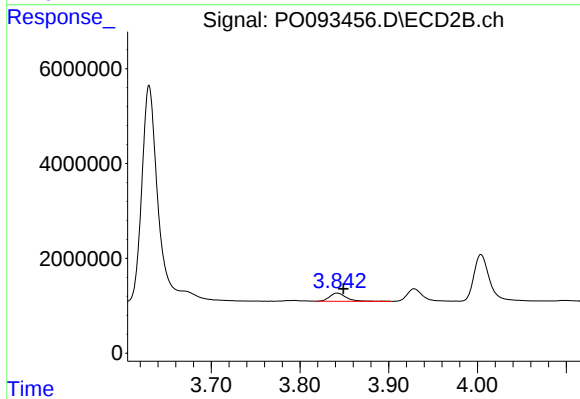
#7 AR-1016-5

R.T.: 5.164 min
Delta R.T.: -0.007 min
Response: 18863388
Conc: 596.02 ng/ml



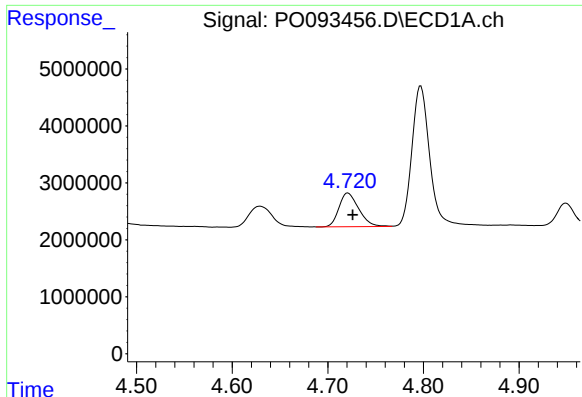
#8 AR-1221-1

R.T.: 4.629 min
Delta R.T.: -0.010 min
Response: 6156246
Conc: 152.30 ng/ml



#8 AR-1221-1

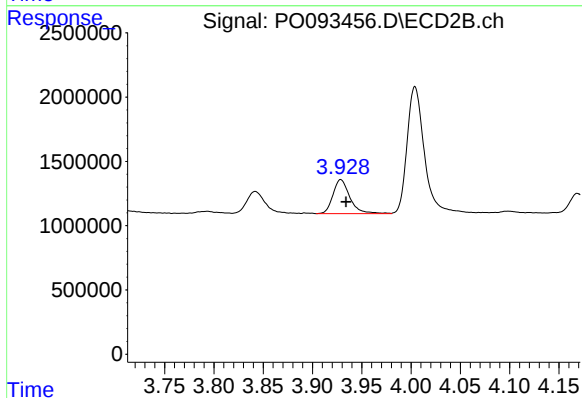
R.T.: 3.842 min
Delta R.T.: -0.007 min
Response: 2235236
Conc: 152.01 ng/ml



#9 AR-1221-2

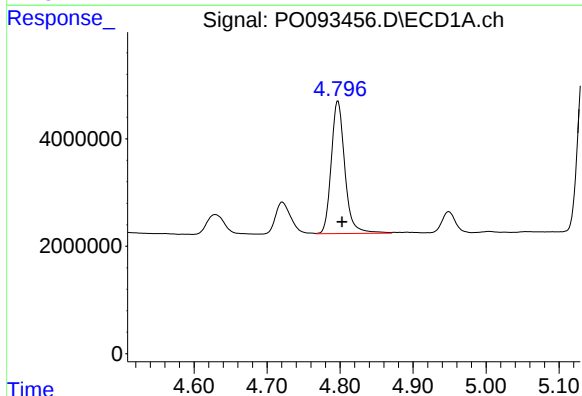
R.T.: 4.721 min
Delta R.T.: -0.005 min
Response: 8543187
Conc: 281.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



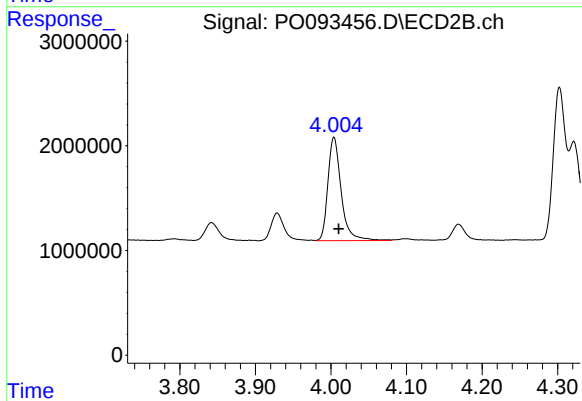
#9 AR-1221-2

R.T.: 3.929 min
Delta R.T.: -0.005 min
Response: 3169745
Conc: 290.25 ng/ml



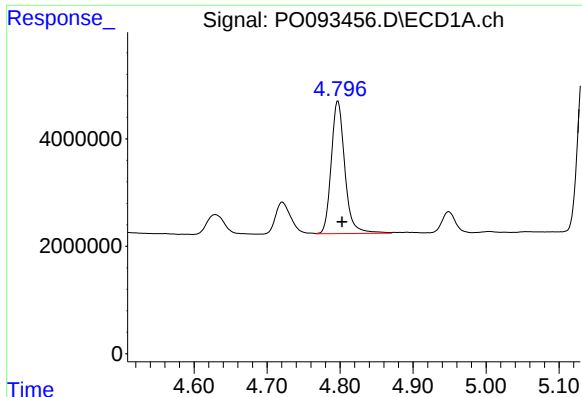
#10 AR-1221-3

R.T.: 4.797 min
Delta R.T.: -0.006 min
Response: 31898661
Conc: 348.92 ng/ml



#10 AR-1221-3

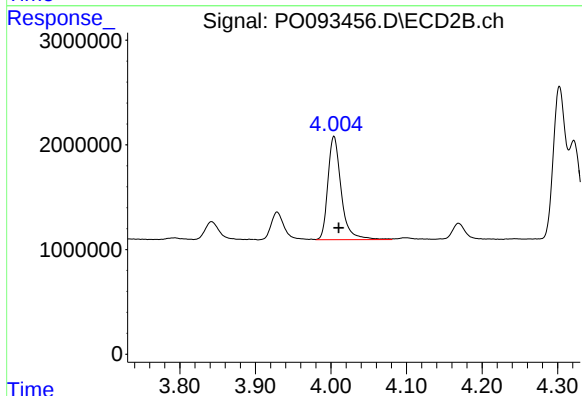
R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 12091385
Conc: 354.93 ng/ml



#11 AR-1232-1

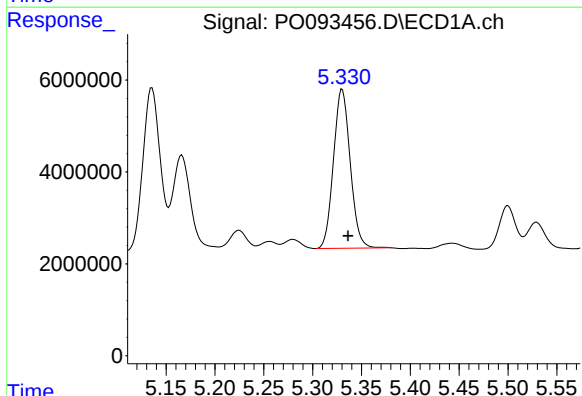
R.T.: 4.797 min
Delta R.T.: -0.006 min
Response: 31898661
Conc: 436.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



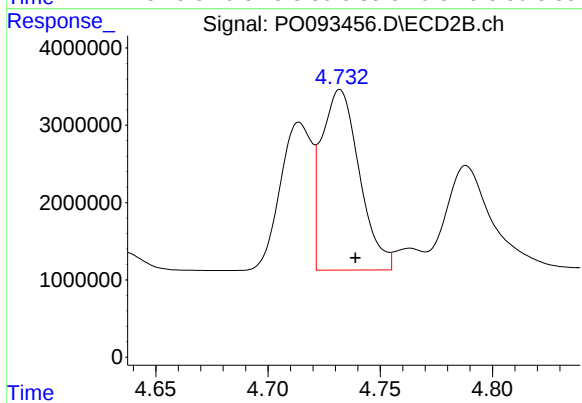
#11 AR-1232-1

R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 12091385
Conc: 428.10 ng/ml



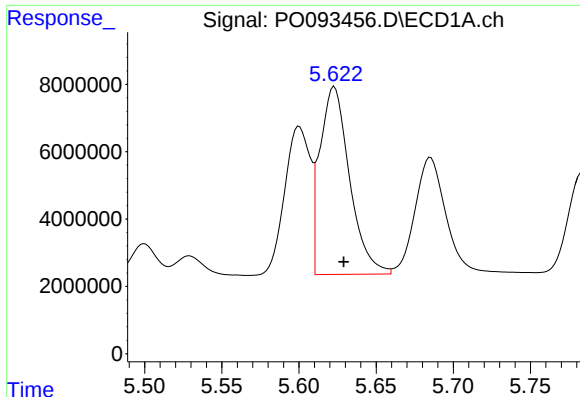
#12 AR-1232-2

R.T.: 5.330 min
Delta R.T.: -0.006 min
Response: 41271756
Conc: 1147.83 ng/ml



#12 AR-1232-2

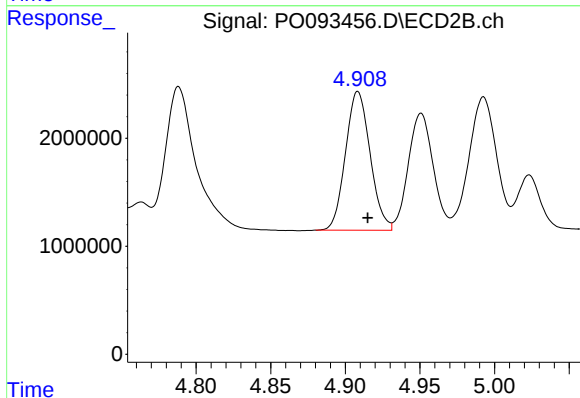
R.T.: 4.732 min
Delta R.T.: -0.007 min
Response: 27329491
Conc: 1109.14 ng/ml



#13 AR-1232-3

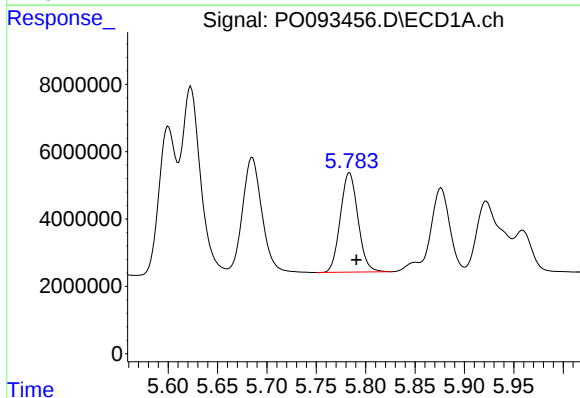
R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 74661012
Conc: 1140.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



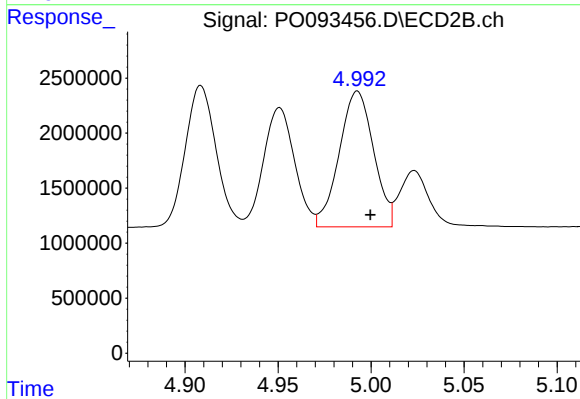
#13 AR-1232-3

R.T.: 4.908 min
Delta R.T.: -0.007 min
Response: 14762890
Conc: 1166.86 ng/ml



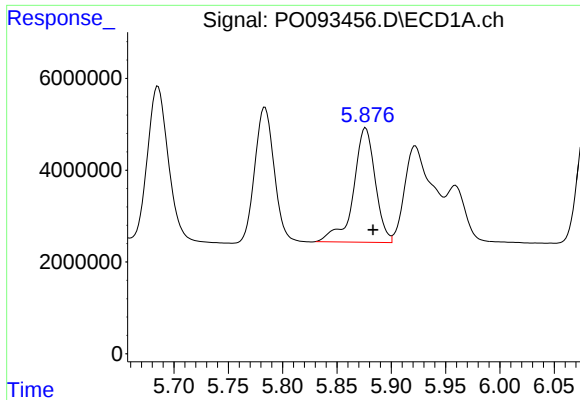
#14 AR-1232-4

R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 36595086
Conc: 1195.26 ng/ml



#14 AR-1232-4

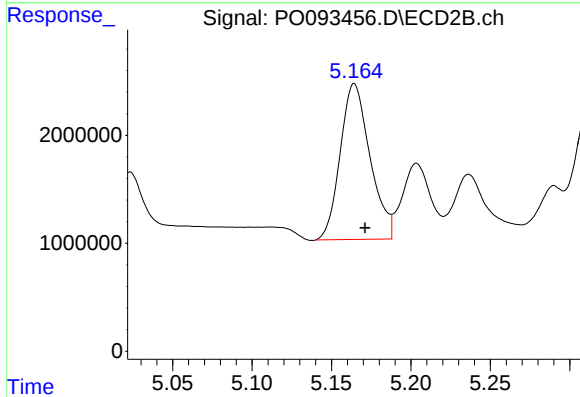
R.T.: 4.993 min
Delta R.T.: -0.007 min
Response: 15876505
Conc: 1239.61 ng/ml



#15 AR-1232-5

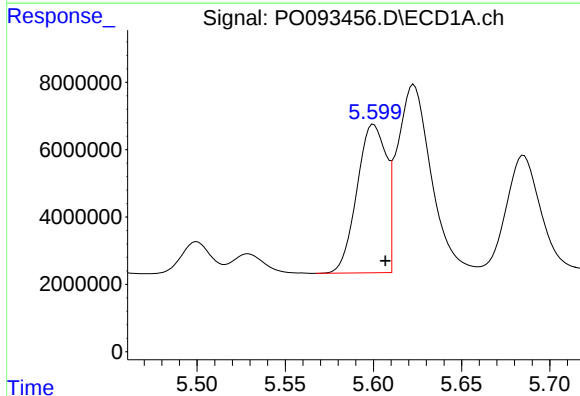
R.T.: 5.876 min
Delta R.T.: -0.007 min
Response: 34723843
Conc: 1251.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



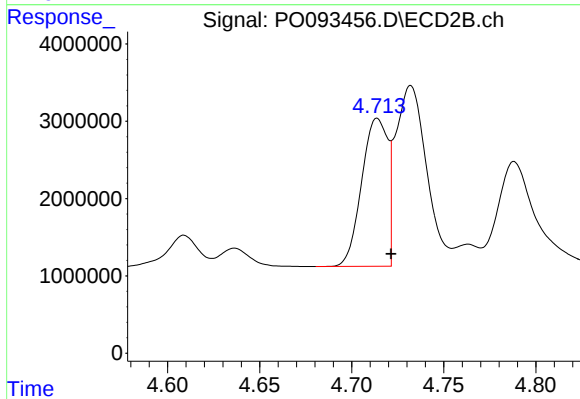
#15 AR-1232-5

R.T.: 5.164 min
Delta R.T.: -0.007 min
Response: 18863388
Conc: 1345.07 ng/ml



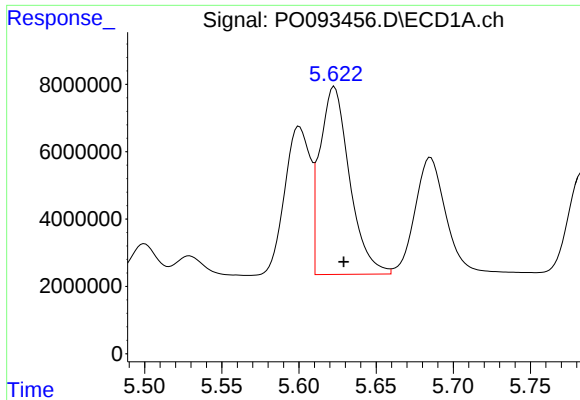
#16 AR-1242-1

R.T.: 5.600 min
Delta R.T.: -0.007 min
Response: 50853578
Conc: 620.44 ng/ml



#16 AR-1242-1

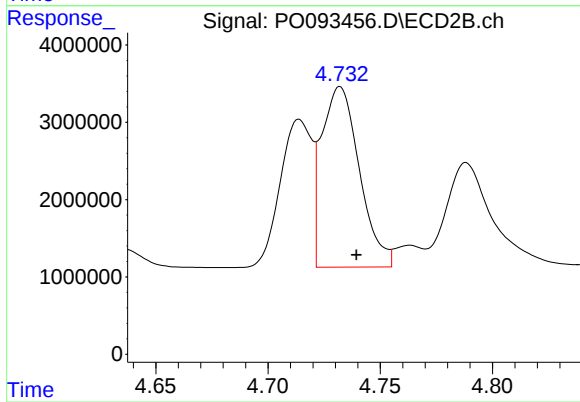
R.T.: 4.714 min
Delta R.T.: -0.007 min
Response: 18804349
Conc: 618.83 ng/ml



#17 AR-1242-2

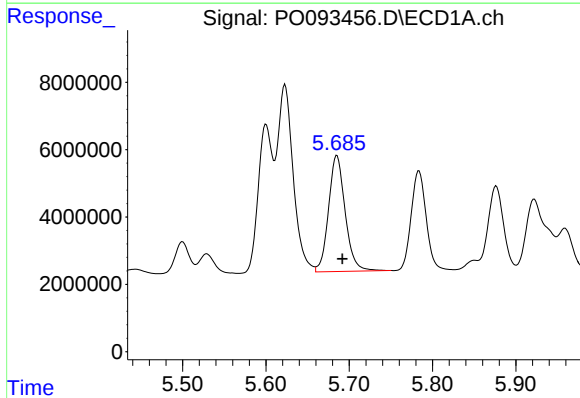
R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 74661012
Conc: 622.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



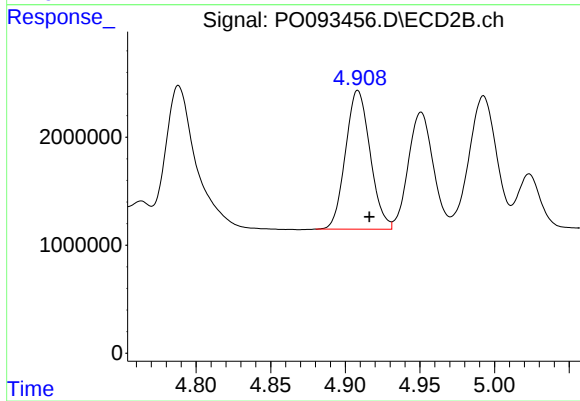
#17 AR-1242-2

R.T.: 4.732 min
Delta R.T.: -0.007 min
Response: 27329491
Conc: 615.56 ng/ml



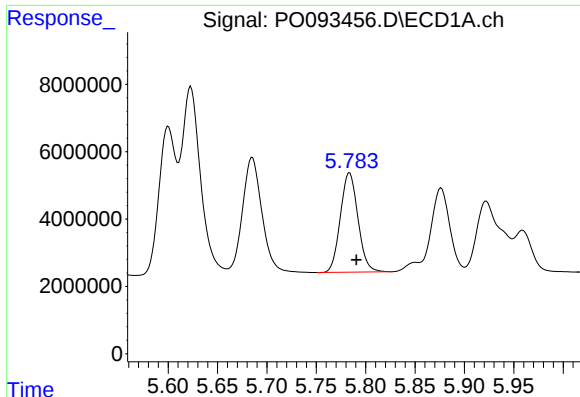
#18 AR-1242-3

R.T.: 5.685 min
Delta R.T.: -0.007 min
Response: 47835164
Conc: 623.27 ng/ml



#18 AR-1242-3

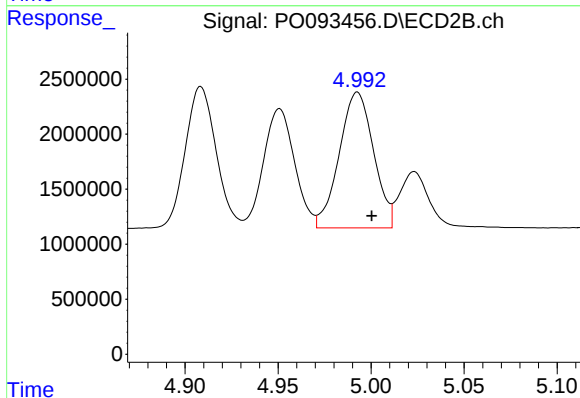
R.T.: 4.908 min
Delta R.T.: -0.008 min
Response: 14762890
Conc: 631.44 ng/ml



#19 AR-1242-4

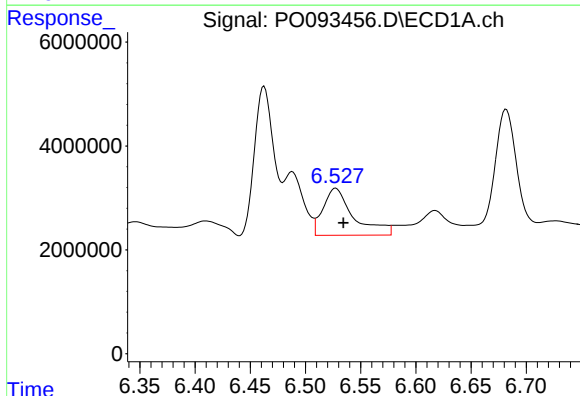
R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 36595086
Conc: 638.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



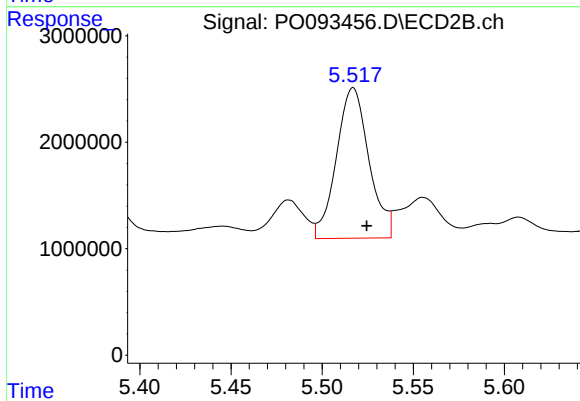
#19 AR-1242-4

R.T.: 4.993 min
Delta R.T.: -0.008 min
Response: 15876505
Conc: 609.46 ng/ml



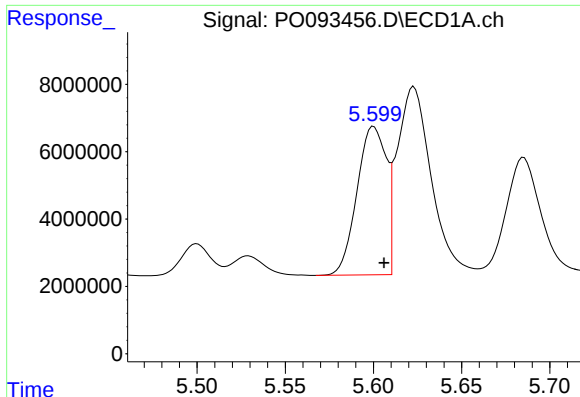
#20 AR-1242-5

R.T.: 6.527 min
Delta R.T.: -0.007 min
Response: 17419412
Conc: 278.76 ng/ml



#20 AR-1242-5

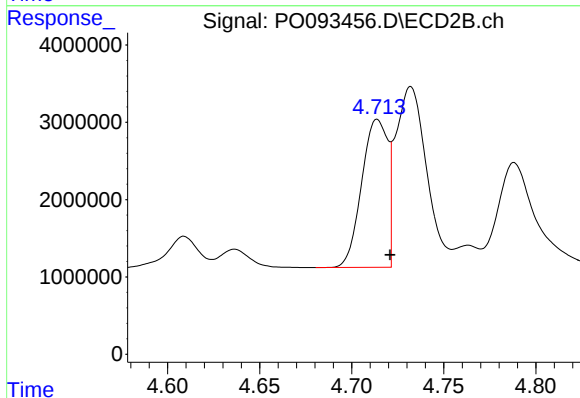
R.T.: 5.517 min
Delta R.T.: -0.007 min
Response: 17601571
Conc: 616.15 ng/ml



#21 AR-1248-1

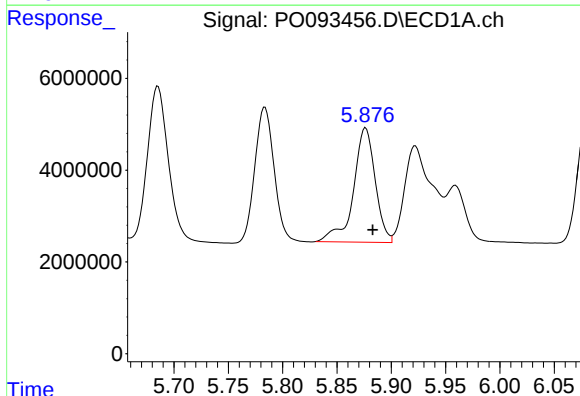
R.T.: 5.600 min
Delta R.T.: -0.006 min
Response: 50853578
Conc: 818.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



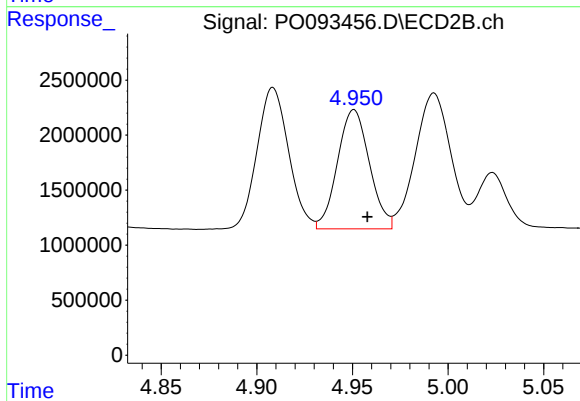
#21 AR-1248-1

R.T.: 4.714 min
Delta R.T.: -0.007 min
Response: 18804349
Conc: 808.04 ng/ml



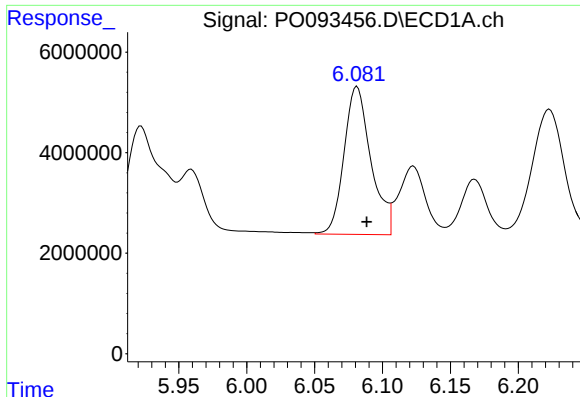
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: -0.007 min
Response: 34723843
Conc: 363.56 ng/ml



#22 AR-1248-2

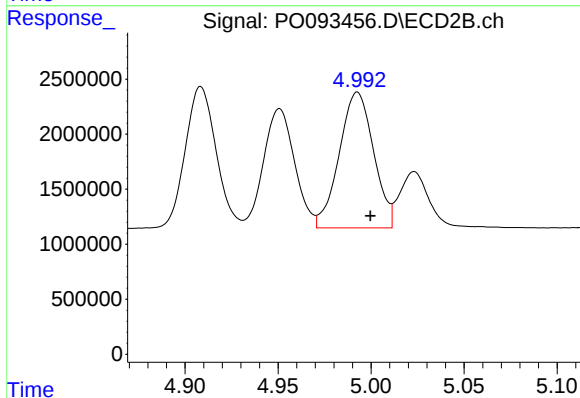
R.T.: 4.951 min
Delta R.T.: -0.007 min
Response: 12598790
Conc: 347.64 ng/ml



#23 AR-1248-3

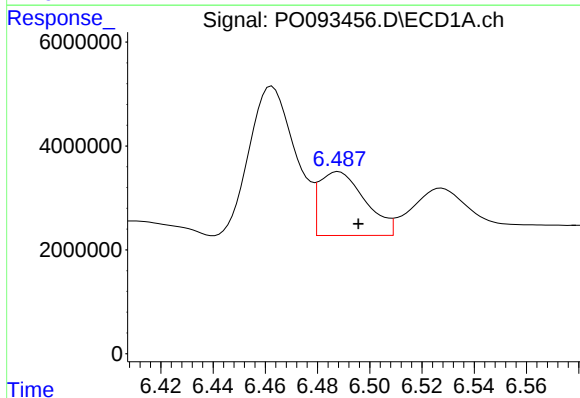
R.T.: 6.081 min
Delta R.T.: -0.007 min
Response: 40608209
Conc: 390.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



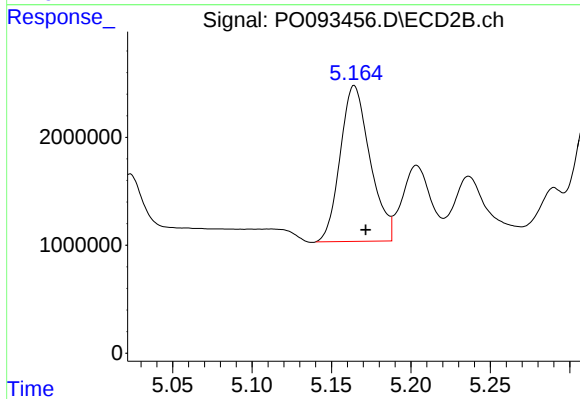
#23 AR-1248-3

R.T.: 4.993 min
Delta R.T.: -0.007 min
Response: 15876505
Conc: 423.07 ng/ml



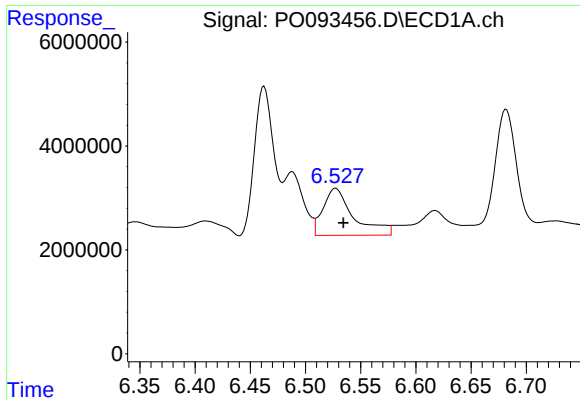
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: -0.008 min
Response: 14942798
Conc: 146.74 ng/ml



#24 AR-1248-4

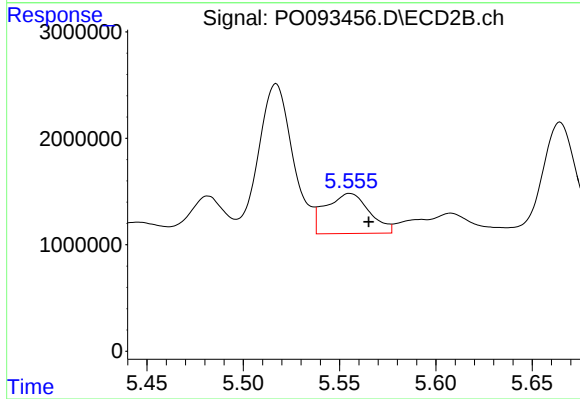
R.T.: 5.164 min
Delta R.T.: -0.007 min
Response: 18863388
Conc: 438.46 ng/ml



#25 AR-1248-5

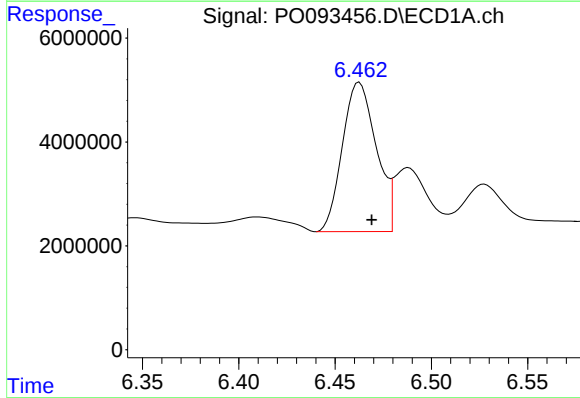
R.T.: 6.527 min
Delta R.T.: -0.007 min
Response: 17419412
Conc: 170.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



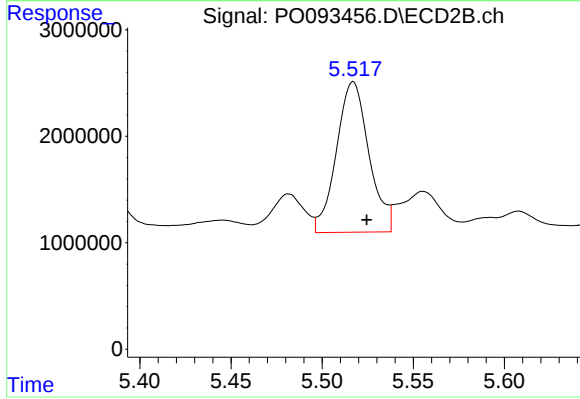
#25 AR-1248-5

R.T.: 5.555 min
Delta R.T.: -0.010 min
Response: 5935511
Conc: 161.39 ng/ml



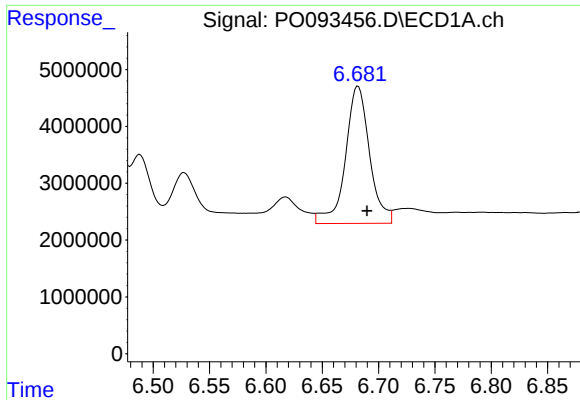
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: -0.006 min
Response: 35162644
Conc: 300.89 ng/ml



#26 AR-1254-1

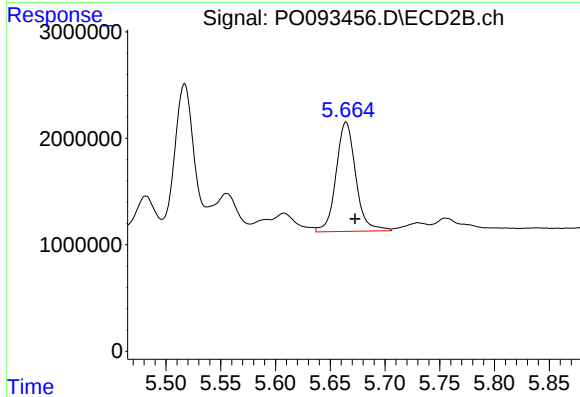
R.T.: 5.517 min
Delta R.T.: -0.007 min
Response: 17601571
Conc: 280.44 ng/ml



#27 AR-1254-2

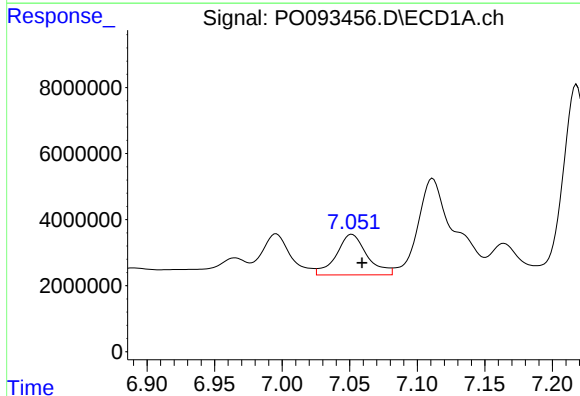
R.T.: 6.682 min
Delta R.T.: -0.008 min
Response: 36007716
Conc: 210.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



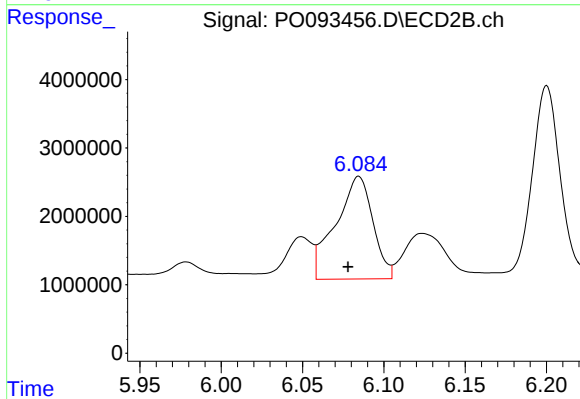
#27 AR-1254-2

R.T.: 5.664 min
Delta R.T.: -0.008 min
Response: 12838187
Conc: 227.82 ng/ml



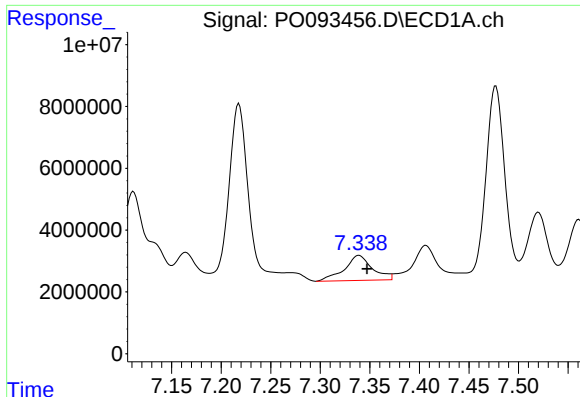
#28 AR-1254-3

R.T.: 7.052 min
Delta R.T.: -0.008 min
Response: 19481125
Conc: 117.19 ng/ml



#28 AR-1254-3

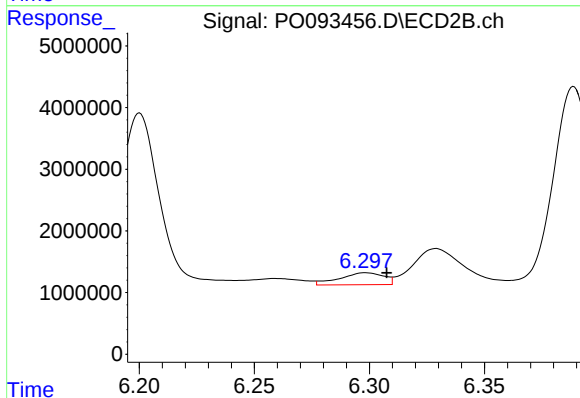
R.T.: 6.085 min
Delta R.T.: 0.007 min
Response: 23891280
Conc: 277.50 ng/ml



#29 AR-1254-4

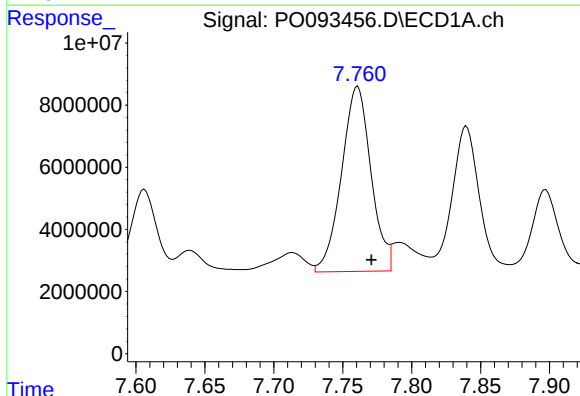
R.T.: 7.339 min
Delta R.T.: -0.008 min
Response: 15889777
Conc: 149.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



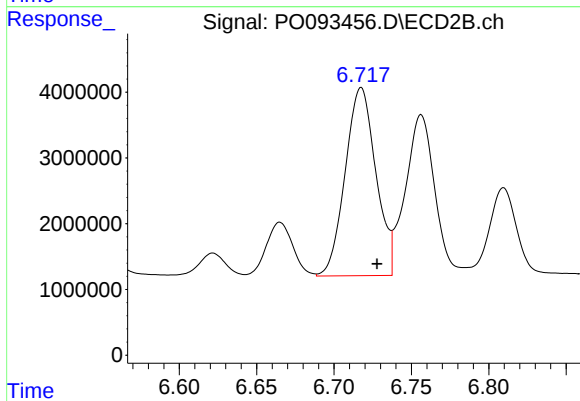
#29 AR-1254-4

R.T.: 6.298 min
Delta R.T.: -0.009 min
Response: 2601645
Conc: 56.89 ng/ml



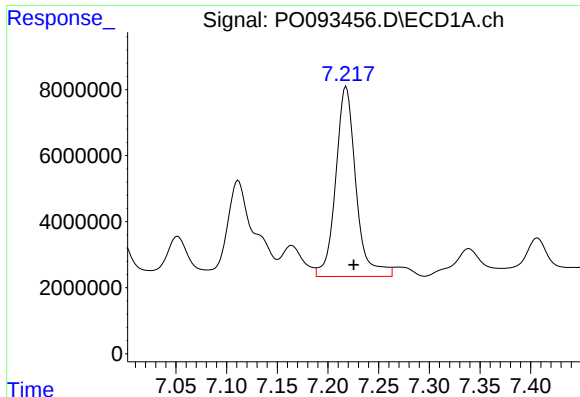
#30 AR-1254-5

R.T.: 7.761 min
Delta R.T.: -0.010 min
Response: 88549944
Conc: 653.95 ng/ml



#30 AR-1254-5

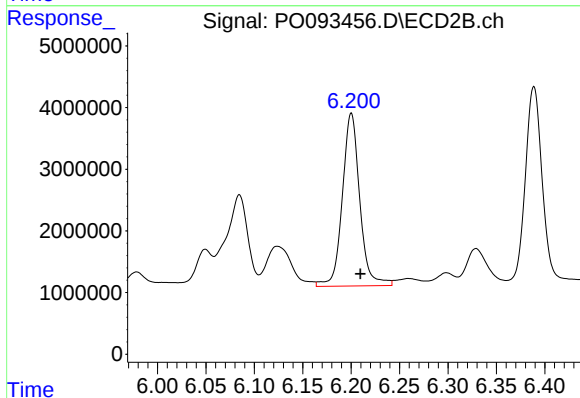
R.T.: 6.718 min
Delta R.T.: -0.010 min
Response: 39449965
Conc: 534.18 ng/ml



#31 AR-1260-1

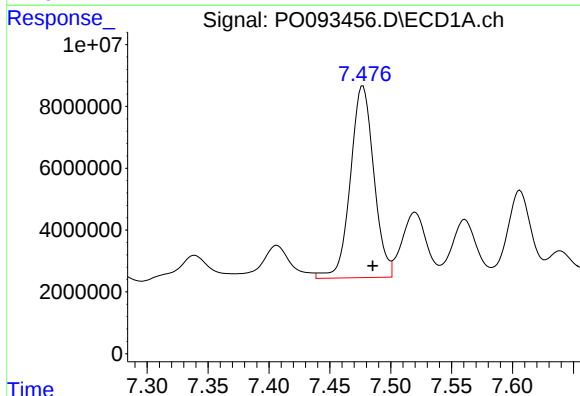
R.T.: 7.218 min
Delta R.T.: -0.007 min
Response: 80005586
Conc: 617.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



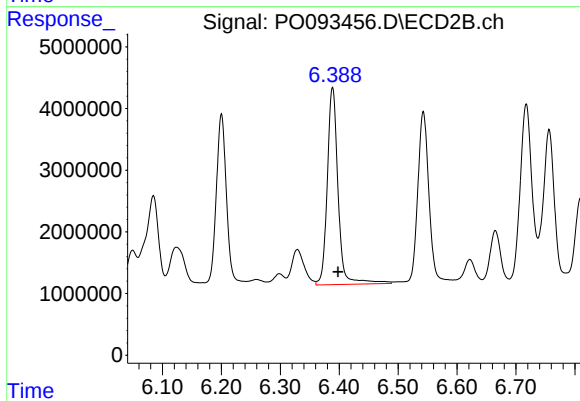
#31 AR-1260-1

R.T.: 6.200 min
Delta R.T.: -0.009 min
Response: 35116318
Conc: 577.59 ng/ml



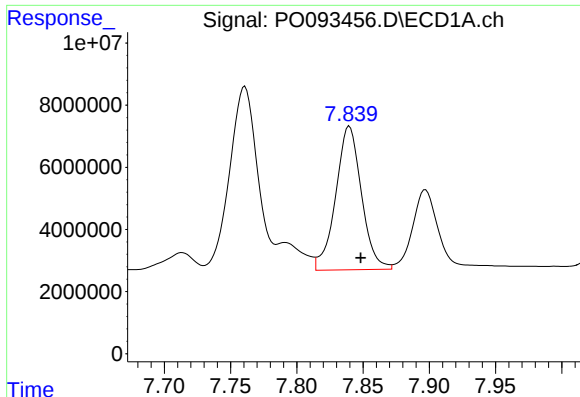
#32 AR-1260-2

R.T.: 7.477 min
Delta R.T.: -0.008 min
Response: 83018571
Conc: 562.36 ng/ml



#32 AR-1260-2

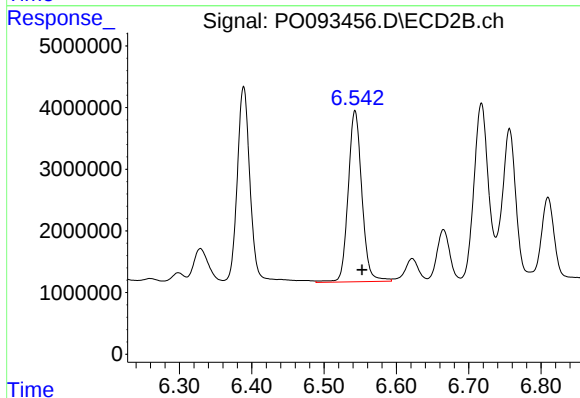
R.T.: 6.389 min
Delta R.T.: -0.010 min
Response: 40716046
Conc: 563.18 ng/ml



#33 AR-1260-3

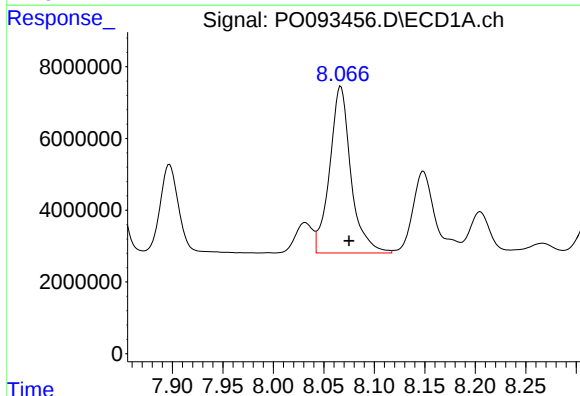
R.T.: 7.840 min
Delta R.T.: -0.008 min
Response: 62552839
Conc: 556.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



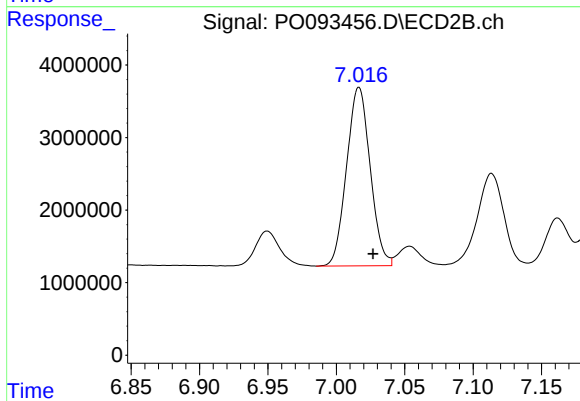
#33 AR-1260-3

R.T.: 6.543 min
Delta R.T.: -0.010 min
Response: 36548746
Conc: 546.58 ng/ml



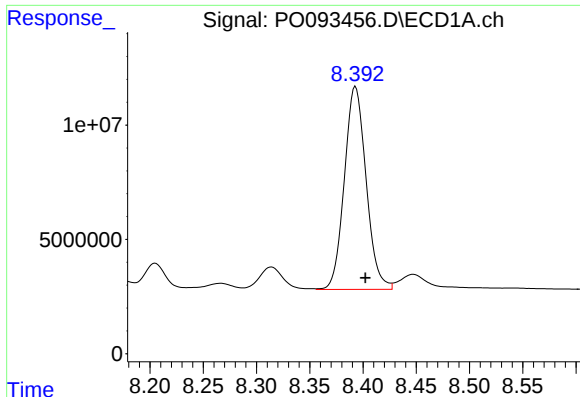
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: -0.008 min
Response: 68122743
Conc: 531.22 ng/ml



#34 AR-1260-4

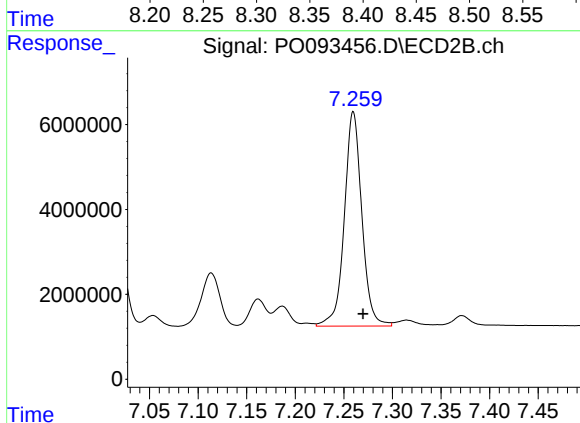
R.T.: 7.017 min
Delta R.T.: -0.010 min
Response: 29567285
Conc: 537.28 ng/ml



#35 AR-1260-5

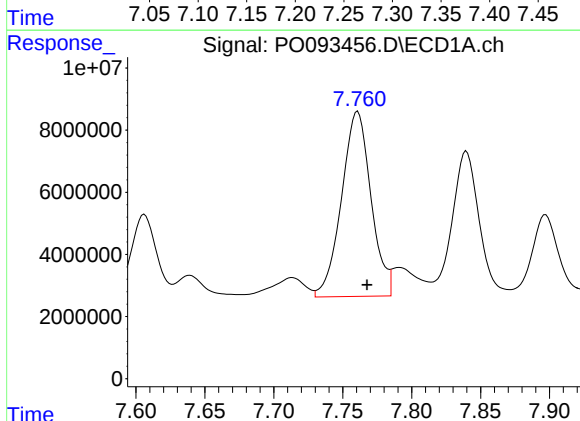
R.T.: 8.393 min
Delta R.T.: -0.009 min
Response: 126138470
Conc: 564.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



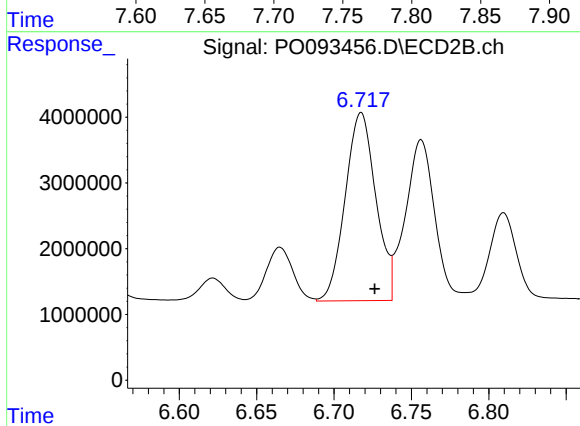
#35 AR-1260-5

R.T.: 7.260 min
Delta R.T.: -0.010 min
Response: 63477656
Conc: 539.18 ng/ml



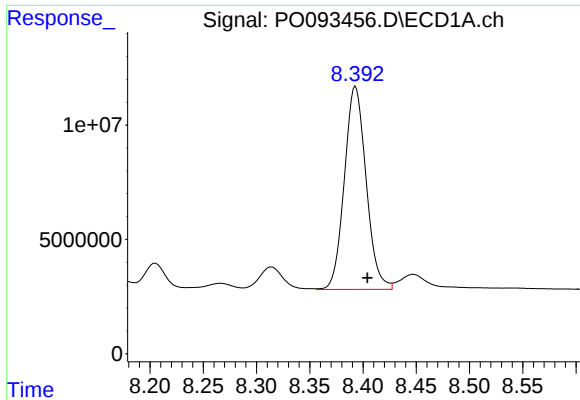
#36 AR-1262-1

R.T.: 7.761 min
Delta R.T.: -0.007 min
Response: 88549944
Conc: 890.81 ng/ml



#36 AR-1262-1

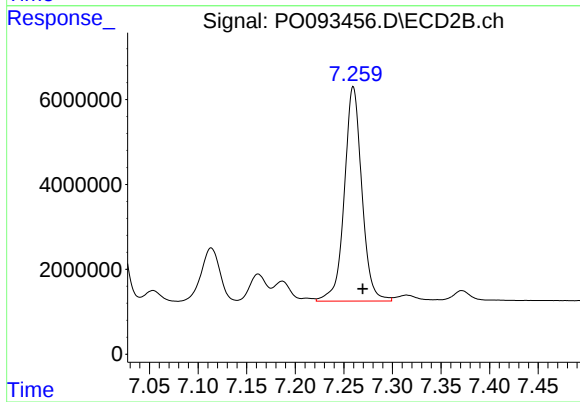
R.T.: 6.718 min
Delta R.T.: -0.009 min
Response: 39449965
Conc: 1055.70 ng/ml



#37 AR-1262-2

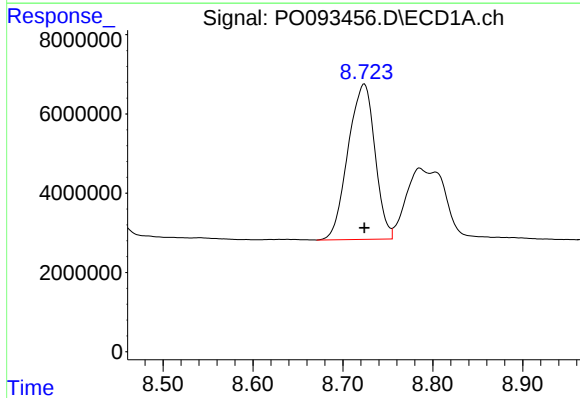
R.T.: 8.393 min
Delta R.T.: -0.011 min
Response: 126138470
Conc: 531.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



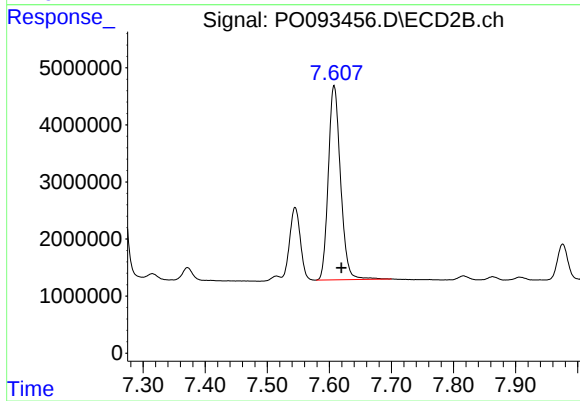
#37 AR-1262-2

R.T.: 7.260 min
Delta R.T.: -0.010 min
Response: 63477656
Conc: 533.05 ng/ml



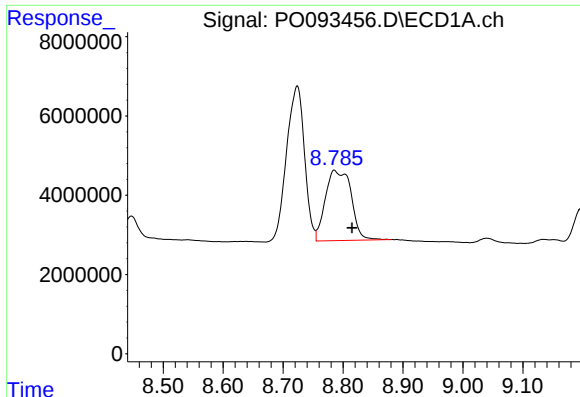
#38 AR-1262-3

R.T.: 8.724 min
Delta R.T.: 0.000 min
Response: 81480133
Conc: 482.47 ng/ml



#38 AR-1262-3

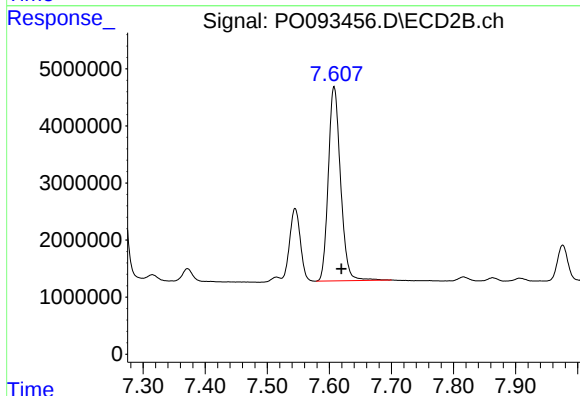
R.T.: 7.608 min
Delta R.T.: -0.012 min
Response: 46577296
Conc: 515.32 ng/ml



#39 AR-1262-4

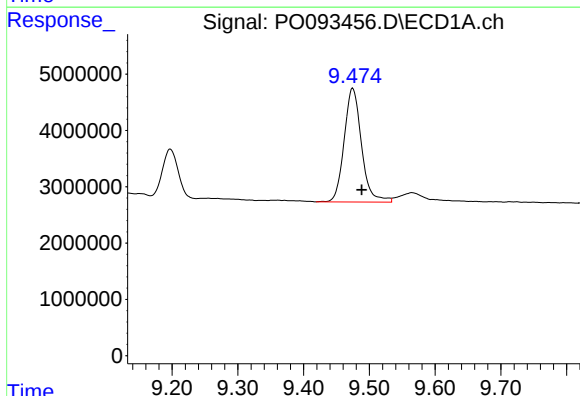
R.T.: 8.786 min
Delta R.T.: -0.029 min
Response: 53118844
Conc: 593.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



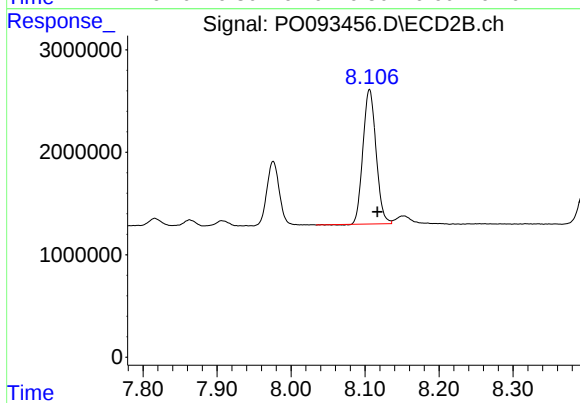
#39 AR-1262-4

R.T.: 7.608 min
Delta R.T.: -0.012 min
Response: 46577296
Conc: 515.32 ng/ml



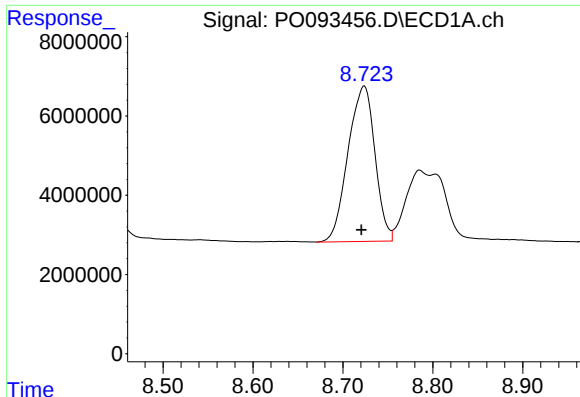
#40 AR-1262-5

R.T.: 9.475 min
Delta R.T.: -0.014 min
Response: 37047369
Conc: 387.89 ng/ml



#40 AR-1262-5

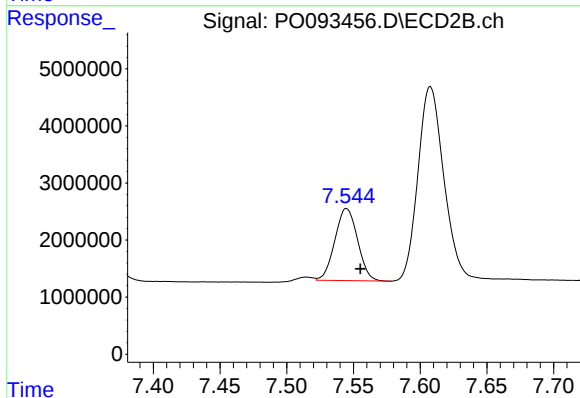
R.T.: 8.106 min
Delta R.T.: -0.011 min
Response: 16163289
Conc: 394.95 ng/ml



#41 AR-1268-1

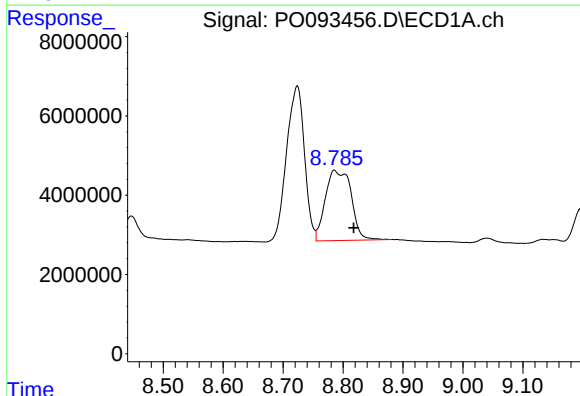
R.T.: 8.724 min
Delta R.T.: 0.003 min
Response: 81480133
Conc: 255.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



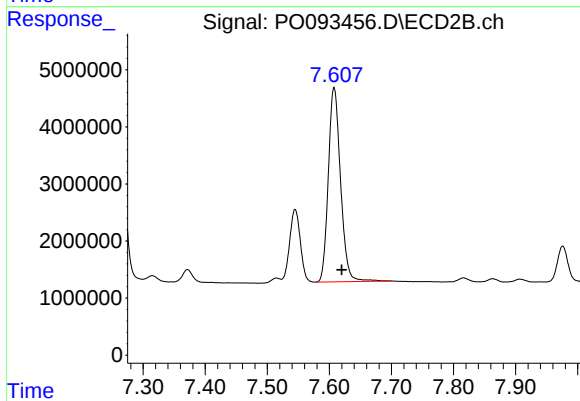
#41 AR-1268-1

R.T.: 7.545 min
Delta R.T.: -0.010 min
Response: 14985907
Conc: 95.76 ng/ml



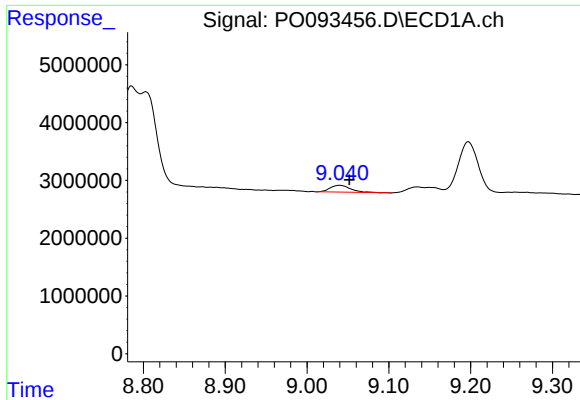
#42 AR-1268-2

R.T.: 8.786 min
Delta R.T.: -0.032 min
Response: 53118844
Conc: 182.97 ng/ml



#42 AR-1268-2

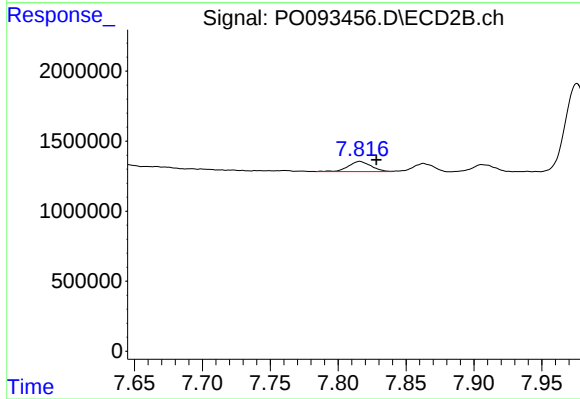
R.T.: 7.608 min
Delta R.T.: -0.013 min
Response: 46577296
Conc: 333.61 ng/ml



#43 AR-1268-3

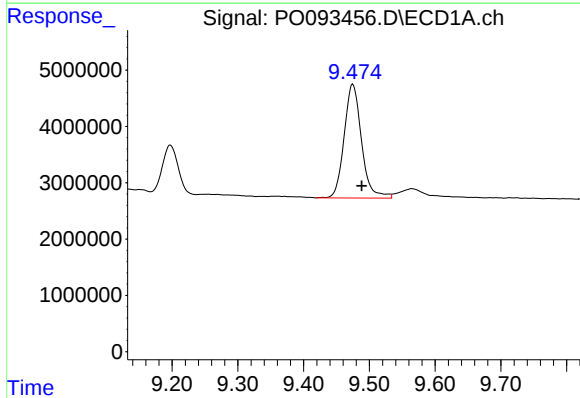
R.T.: 9.040 min
Delta R.T.: -0.012 min
Response: 2090540
Conc: 8.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



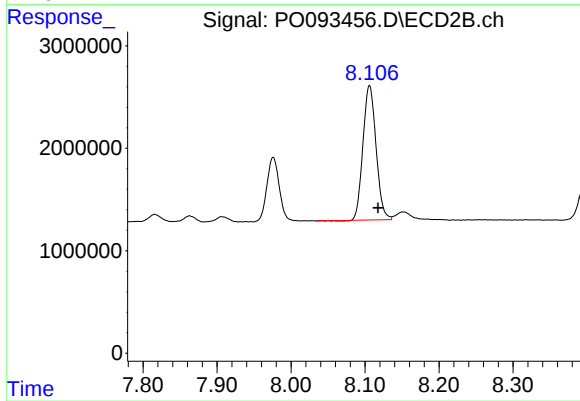
#43 AR-1268-3

R.T.: 7.816 min
Delta R.T.: -0.012 min
Response: 848892
Conc: 6.82 ng/ml



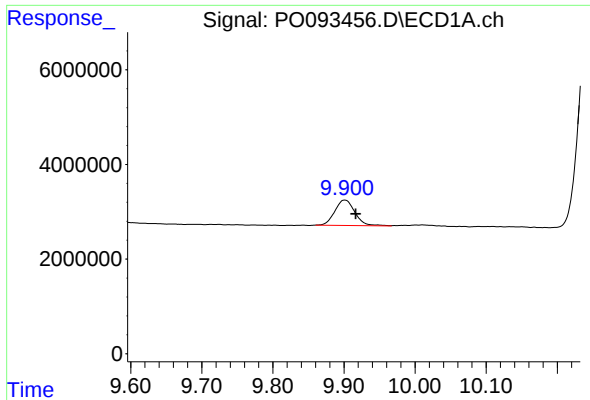
#44 AR-1268-4

R.T.: 9.475 min
Delta R.T.: -0.014 min
Response: 37047369
Conc: 346.90 ng/ml



#44 AR-1268-4

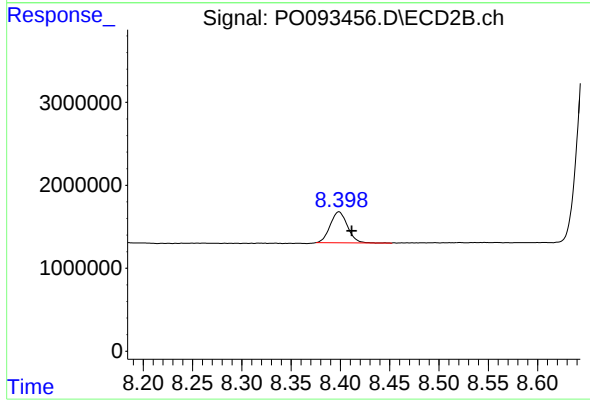
R.T.: 8.106 min
Delta R.T.: -0.012 min
Response: 16163289
Conc: 327.77 ng/ml



#45 AR-1268-5

R.T.: 9.901 min
Delta R.T.: -0.015 min
Response: 10441854
Conc: 13.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.399 min
Delta R.T.: -0.013 min
Response: 4553932
Conc: 12.90 ng/ml