

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062422\
 Data File : P0087381.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2022 19:29
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 02:00:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 24 18:17:14 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...	4.473	3.624	134.8E6	44218565	50.971	49.602
2)	SA Decachlor...	10.342	8.649	105.6E6	36494427	48.432	50.674
Target Compounds							
3)	L1 AR-1016-1	5.653	4.708	47214515	15904073	507.618	493.484
4)	L1 AR-1016-2	5.675	4.728	66022230	21512808	504.634	488.235
5)	L1 AR-1016-3	5.738	4.903	41040878	11530995	499.116	499.356
6)	L1 AR-1016-4	5.837	4.946	33087739	9407536	507.051	491.018
7)	L1 AR-1016-5	6.134	5.160	33614527	11945989	504.979	496.564
8)	L2 AR-1221-1	4.678	3.837	4579334	1621220	141.145	147.441
9)	L2 AR-1221-2	4.770	3.923	6812054	2343396	284.908	279.212
10)	L2 AR-1221-3	4.847	3.999	25315098	8665025	343.565	336.138
11)	L3 AR-1232-1	4.847	3.999	25315098	8665025	370.508	357.956
12)	L3 AR-1232-2	5.186	4.728	36231834	21512808	1062.617	1010.461
13)	L3 AR-1232-3	5.675	4.903	66022230	11530995	1035.190	1062.984
14)	L3 AR-1232-4	5.837	4.988	33087739	11606272	1071.136	1141.919
15)	L3 AR-1232-5	5.928	5.160	30615313	11945989	1177.549	1074.137
16)	L4 AR-1242-1	5.653	4.708	47214515	15904073	636.949	626.187
17)	L4 AR-1242-2	5.675	4.728	66022230	21512808	641.919	625.503
18)	L4 AR-1242-3	5.738	4.903	41040878	11530995	624.087	628.303
19)	L4 AR-1242-4	5.837	4.988	33087739	11606272	653.068	616.775
20)	L4 AR-1242-5	6.579	5.513	4781217	9121015	85.602	394.857 #
21)	L5 AR-1248-1	5.653	4.708	47214515	15904073	822.553	791.840
22)	L5 AR-1248-2	5.928	4.946	30615313	9407536	364.809	345.876
23)	L5 AR-1248-3	6.134	4.988	33614527	11606272	371.574	414.310
24)	L5 AR-1248-4	6.539	5.160	4893887	11945989	49.794	365.835 #
25)	L5 AR-1248-5	6.579	5.553	4781217	1383610	50.158	44.939
26)	L6 AR-1254-1	6.514	5.513	24995846	9121015	243.537	188.539
27)	L6 AR-1254-2	6.734	5.660	26749802	8650934	170.937	201.127
28)	L6 AR-1254-3	7.103	6.047	14771899	3408943	92.550	51.128 #
29)	L6 AR-1254-4	7.390	6.294	9820328	1880670	83.407	46.128 #
30)	L6 AR-1254-5	7.810	6.712	82886027	28811040	643.286	497.763
31)	L7 AR-1260-1	7.269	6.196	60084971	21654562	502.653	493.719
32)	L7 AR-1260-2	7.525	6.384	69564019	26090809	503.027	498.997
33)	L7 AR-1260-3	7.888	6.538	48917999	23572382	504.108	496.830
34)	L7 AR-1260-4	8.116	7.011	58393817	17986484	508.026	501.080
35)	L7 AR-1260-5	8.446	7.253	106.5E6	41838162	503.132	504.754
36)	L8 AR-1262-1	7.888	6.805	48917999	9751961	182240.221	426.668 #
37)	L8 AR-1262-2	8.503	7.253	6438695	41838162	16887.242	75430.906 #
38)	L8 AR-1262-3	8.783	7.539	72040119	8677188	30503.805	19090.253 #
39)	L8 AR-1262-4	8.862	7.601	19709189	30437540	24632.172	58951.909 #
40)	L8 AR-1262-5	9.549	8.098	30030043	10165529	67446.625	53717.992
41)	L9 AR-1268-1	8.783	7.539	72040119	8677188	30503.805	19090.253 #

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 ALS Vial : 31 Sample Multiplier: 1

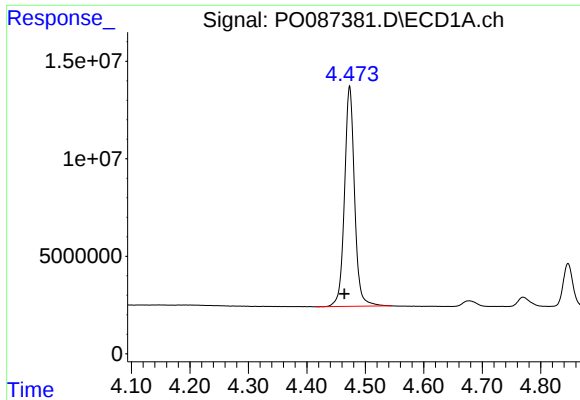
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 02:00:08 2022
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 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	8.862	7.601	19709189	30437540	24632.172	58951.909 #
43) L9	AR-1268-3	9.104	7.811	2734438	719568	1593.676	1591.146
44) L9	AR-1268-4	9.549	8.098	30030043	10165529	67446.625	53717.992
45) L9	AR-1268-5	9.985	8.392	10250119	2970992	5811.275	3362.871 #

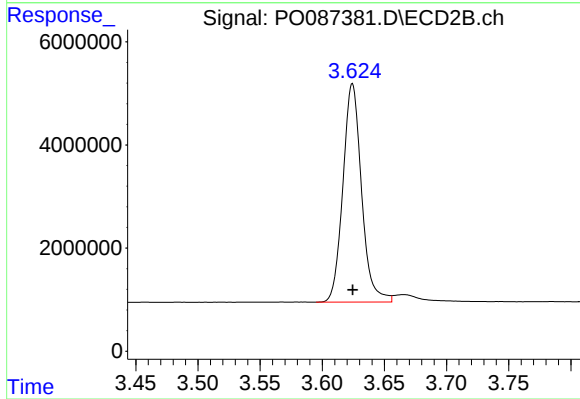
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

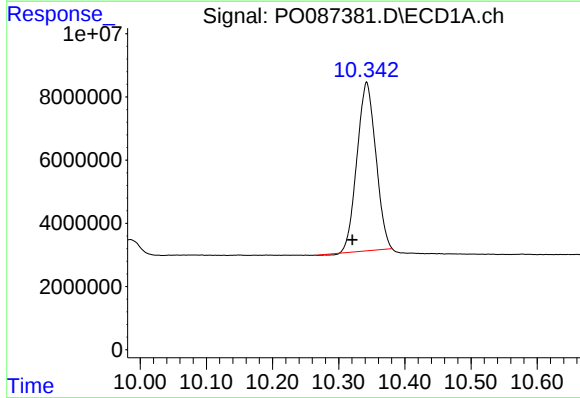
R.T.: 4.473 min
Delta R.T.: 0.009 min
Response: 134830519
Conc: 50.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



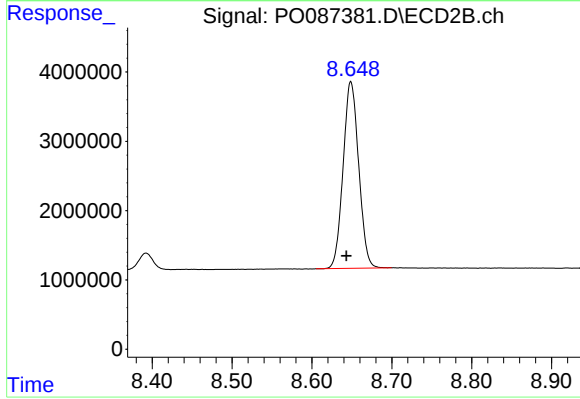
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 44218565
Conc: 49.60 ng/ml



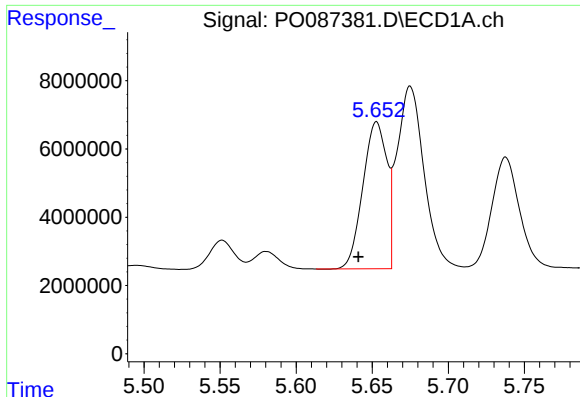
#2 Decachlorobiphenyl

R.T.: 10.342 min
Delta R.T.: 0.022 min
Response: 105577229
Conc: 48.43 ng/ml



#2 Decachlorobiphenyl

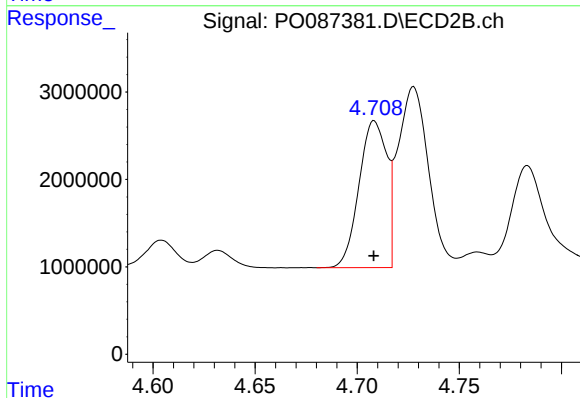
R.T.: 8.649 min
Delta R.T.: 0.005 min
Response: 36494427
Conc: 50.67 ng/ml



#3 AR-1016-1

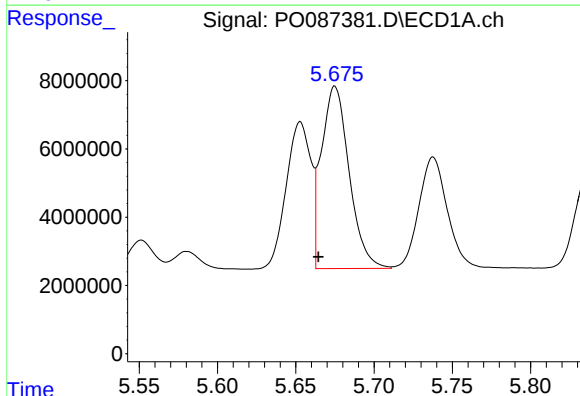
R.T.: 5.653 min
Delta R.T.: 0.012 min
Response: 47214515
Conc: 507.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



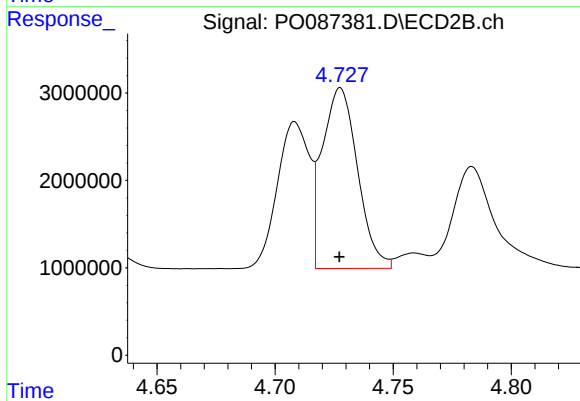
#3 AR-1016-1

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 15904073
Conc: 493.48 ng/ml



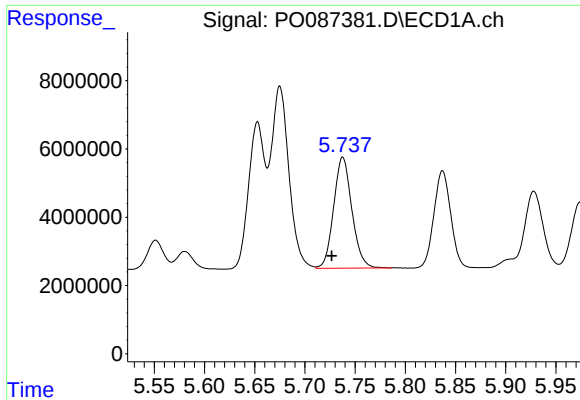
#4 AR-1016-2

R.T.: 5.675 min
Delta R.T.: 0.011 min
Response: 66022230
Conc: 504.63 ng/ml



#4 AR-1016-2

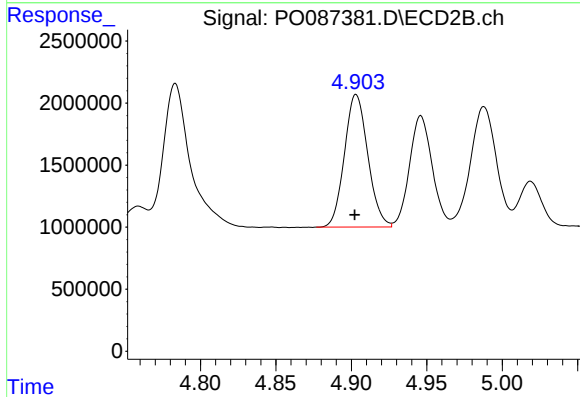
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 21512808
Conc: 488.23 ng/ml



#5 AR-1016-3

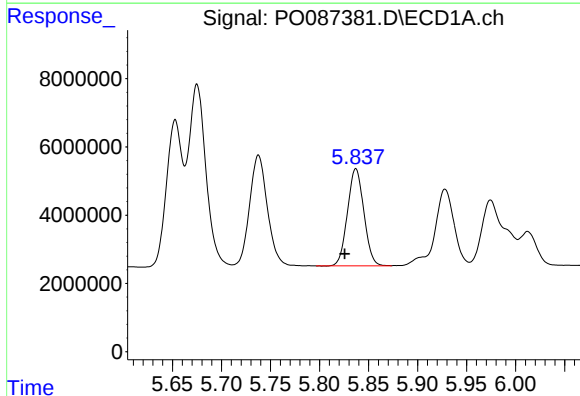
R.T.: 5.738 min
Delta R.T.: 0.011 min
Response: 41040878
Conc: 499.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



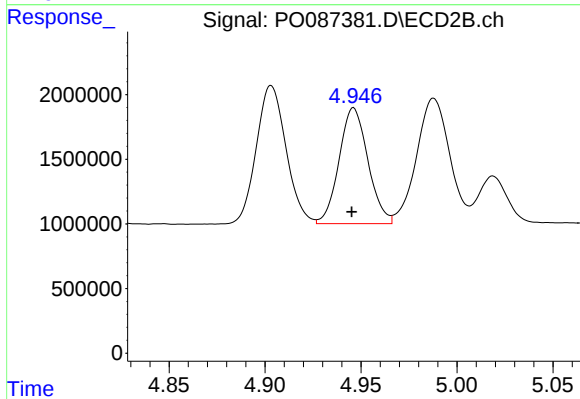
#5 AR-1016-3

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 11530995
Conc: 499.36 ng/ml



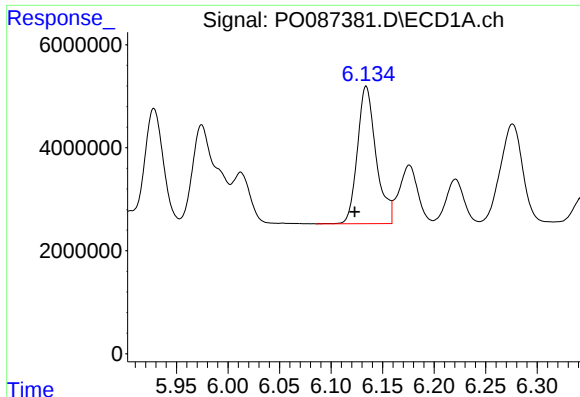
#6 AR-1016-4

R.T.: 5.837 min
Delta R.T.: 0.012 min
Response: 33087739
Conc: 507.05 ng/ml



#6 AR-1016-4

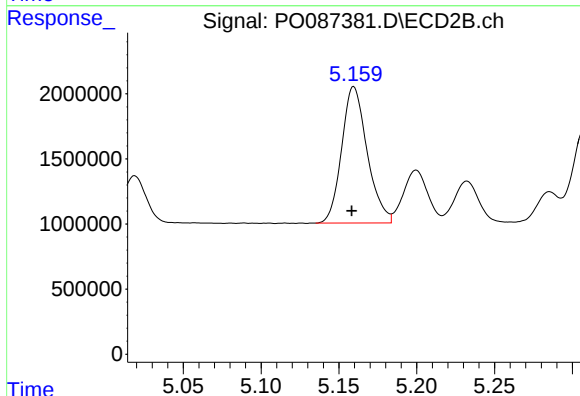
R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 9407536
Conc: 491.02 ng/ml



#7 AR-1016-5

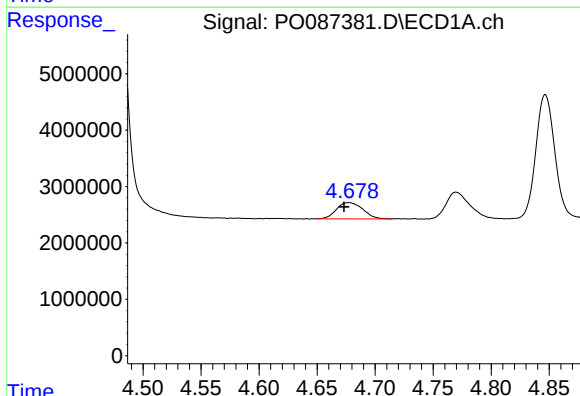
R.T.: 6.134 min
Delta R.T.: 0.011 min
Response: 33614527
Conc: 504.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



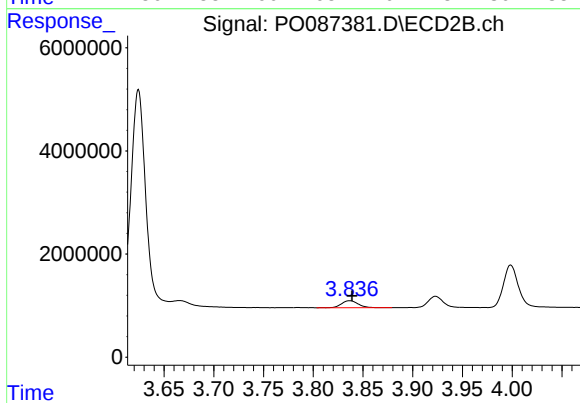
#7 AR-1016-5

R.T.: 5.160 min
Delta R.T.: 0.001 min
Response: 11945989
Conc: 496.56 ng/ml



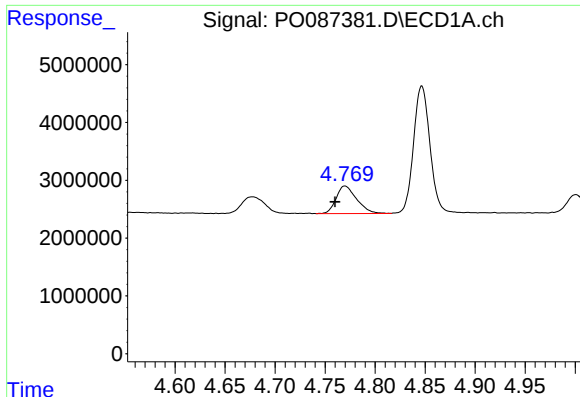
#8 AR-1221-1

R.T.: 4.678 min
Delta R.T.: 0.004 min
Response: 4579334
Conc: 141.14 ng/ml



#8 AR-1221-1

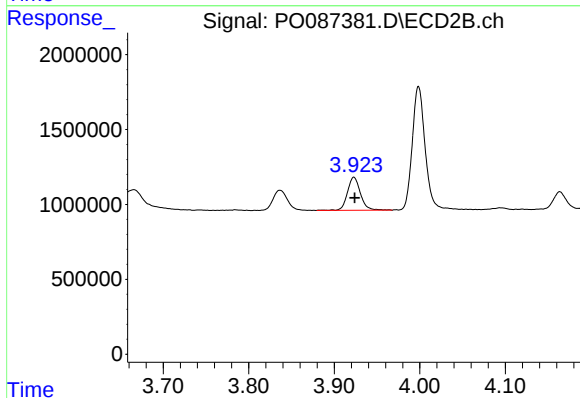
R.T.: 3.837 min
Delta R.T.: -0.002 min
Response: 1621220
Conc: 147.44 ng/ml



#9 AR-1221-2

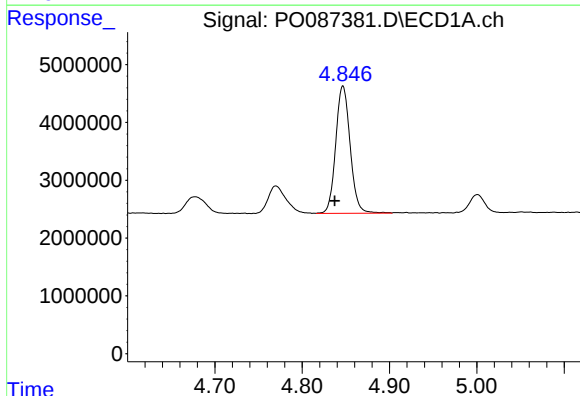
R.T.: 4.770 min
Delta R.T.: 0.010 min
Response: 6812054
Conc: 284.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



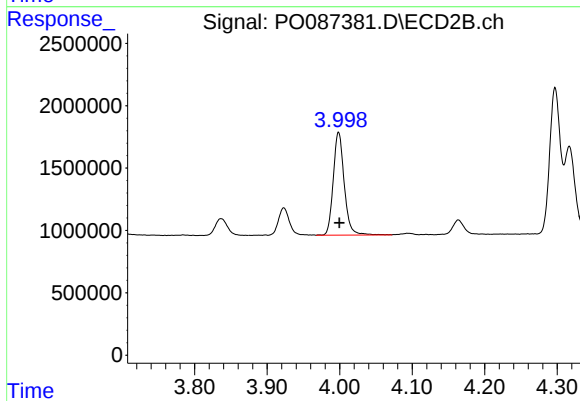
#9 AR-1221-2

R.T.: 3.923 min
Delta R.T.: -0.001 min
Response: 2343396
Conc: 279.21 ng/ml



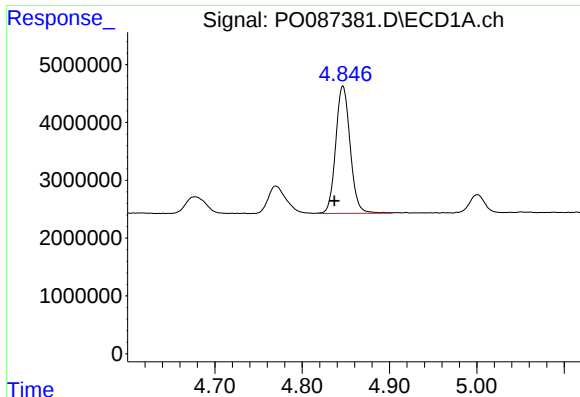
#10 AR-1221-3

R.T.: 4.847 min
Delta R.T.: 0.009 min
Response: 25315098
Conc: 343.57 ng/ml



#10 AR-1221-3

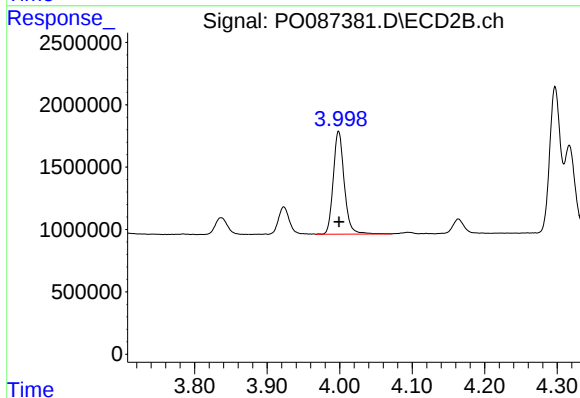
R.T.: 3.999 min
Delta R.T.: -0.001 min
Response: 8665025
Conc: 336.14 ng/ml



#11 AR-1232-1

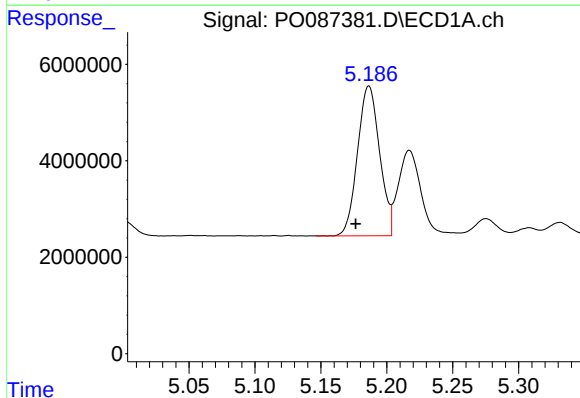
R.T.: 4.847 min
Delta R.T.: 0.010 min
Response: 25315098
Conc: 370.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



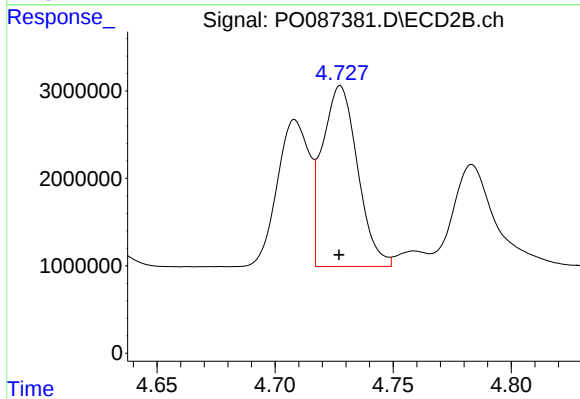
#11 AR-1232-1

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 8665025
Conc: 357.96 ng/ml



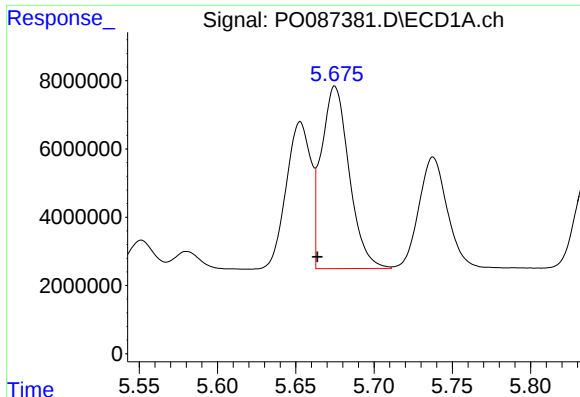
#12 AR-1232-2

R.T.: 5.186 min
Delta R.T.: 0.010 min
Response: 36231834
Conc: 1062.62 ng/ml



#12 AR-1232-2

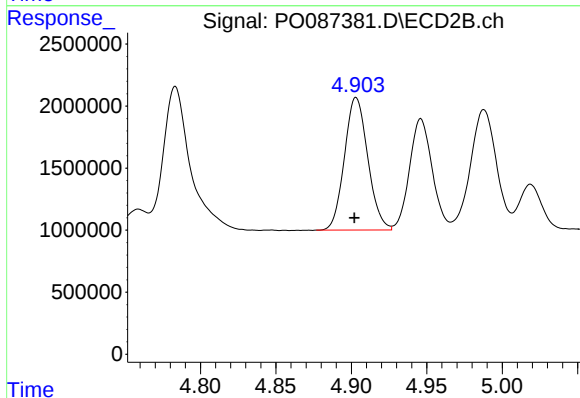
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 21512808
Conc: 1010.46 ng/ml



#13 AR-1232-3

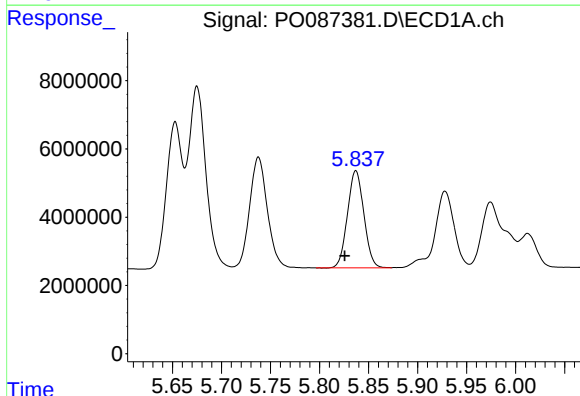
R.T.: 5.675 min
Delta R.T.: 0.011 min
Response: 66022230
Conc: 1035.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



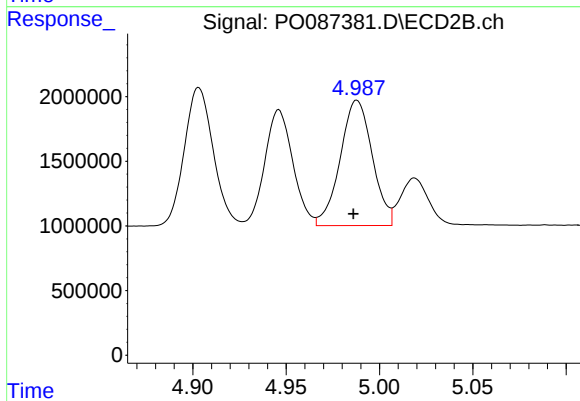
#13 AR-1232-3

R.T.: 4.903 min
Delta R.T.: 0.001 min
Response: 11530995
Conc: 1062.98 ng/ml



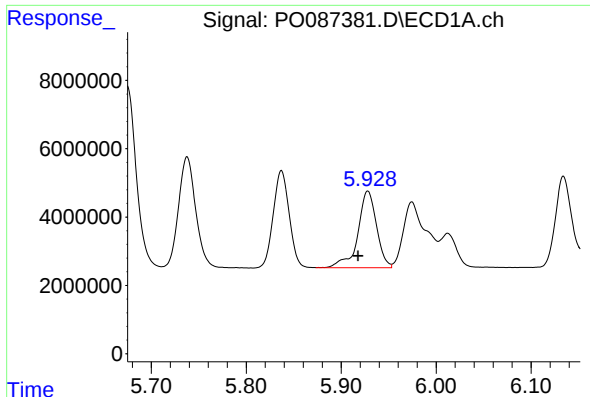
#14 AR-1232-4

R.T.: 5.837 min
Delta R.T.: 0.011 min
Response: 33087739
Conc: 1071.14 ng/ml



#14 AR-1232-4

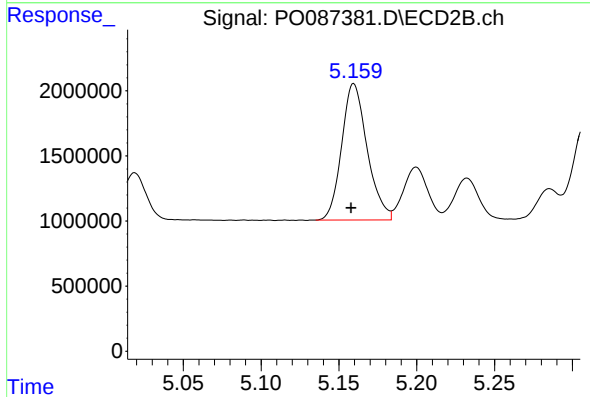
R.T.: 4.988 min
Delta R.T.: 0.002 min
Response: 11606272
Conc: 1141.92 ng/ml



#15 AR-1232-5

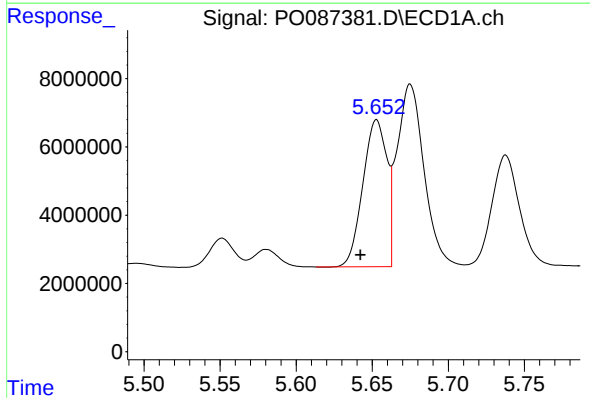
R.T.: 5.928 min
Delta R.T.: 0.010 min
Response: 30615313
Conc: 1177.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



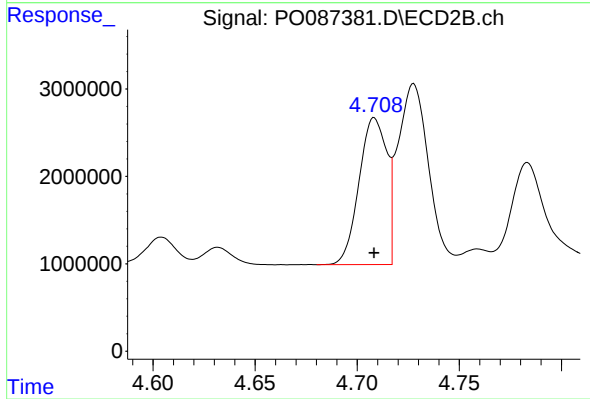
#15 AR-1232-5

R.T.: 5.160 min
Delta R.T.: 0.002 min
Response: 11945989
Conc: 1074.14 ng/ml



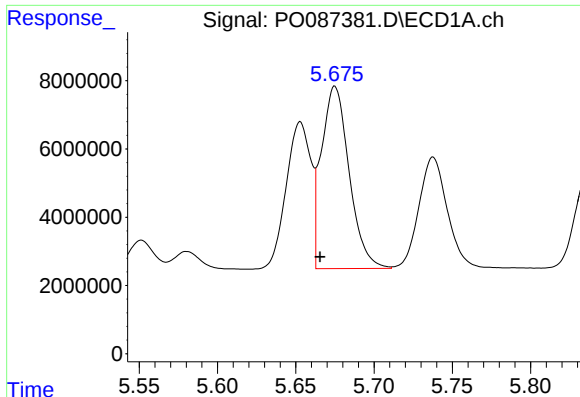
#16 AR-1242-1

R.T.: 5.653 min
Delta R.T.: 0.011 min
Response: 47214515
Conc: 636.95 ng/ml



#16 AR-1242-1

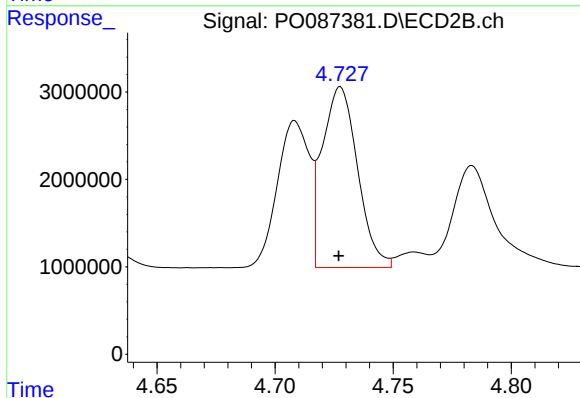
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 15904073
Conc: 626.19 ng/ml



#17 AR-1242-2

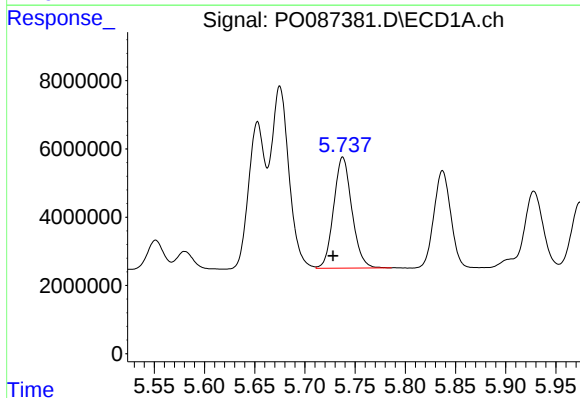
R.T.: 5.675 min
Delta R.T.: 0.010 min
Response: 66022230
Conc: 641.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



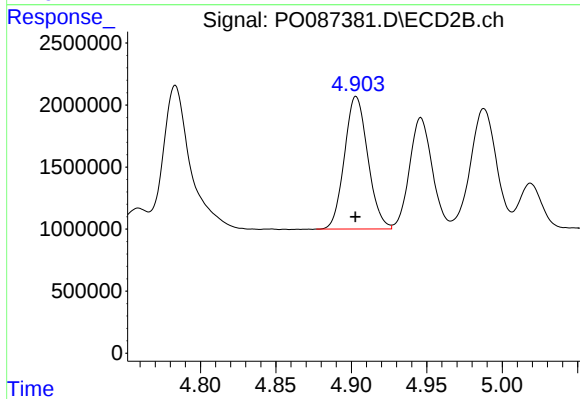
#17 AR-1242-2

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 21512808
Conc: 625.50 ng/ml



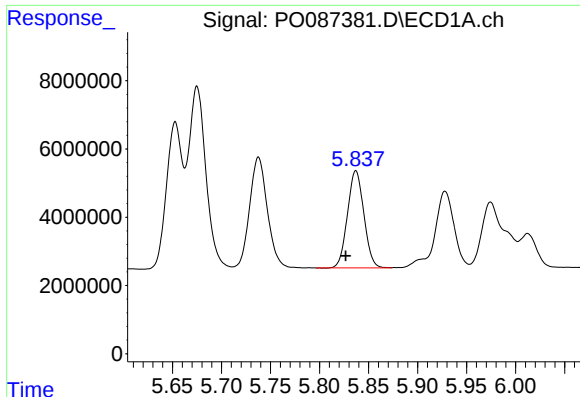
#18 AR-1242-3

R.T.: 5.738 min
Delta R.T.: 0.010 min
Response: 41040878
Conc: 624.09 ng/ml



#18 AR-1242-3

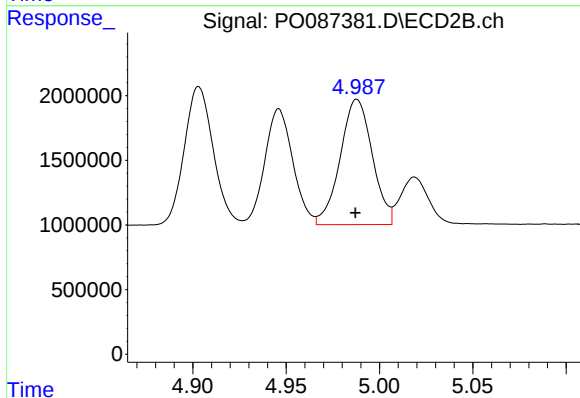
R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 11530995
Conc: 628.30 ng/ml



#19 AR-1242-4

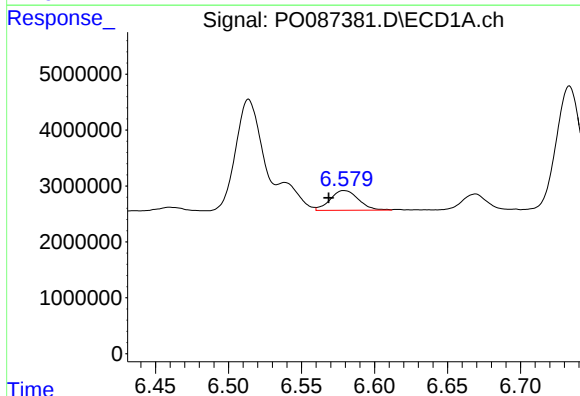
R.T.: 5.837 min
Delta R.T.: 0.010 min
Response: 33087739
Conc: 653.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



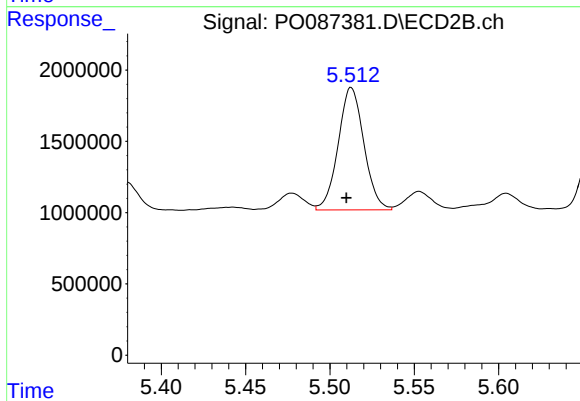
#19 AR-1242-4

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 11606272
Conc: 616.78 ng/ml



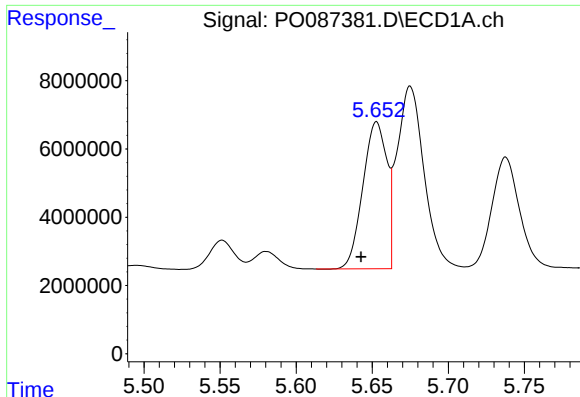
#20 AR-1242-5

R.T.: 6.579 min
Delta R.T.: 0.011 min
Response: 4781217
Conc: 85.60 ng/ml



#20 AR-1242-5

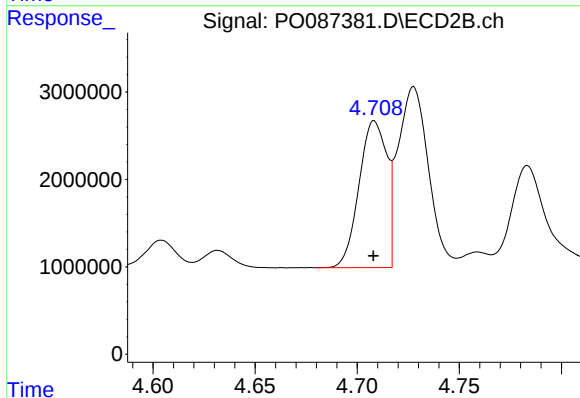
R.T.: 5.513 min
Delta R.T.: 0.003 min
Response: 9121015
Conc: 394.86 ng/ml



#21 AR-1248-1

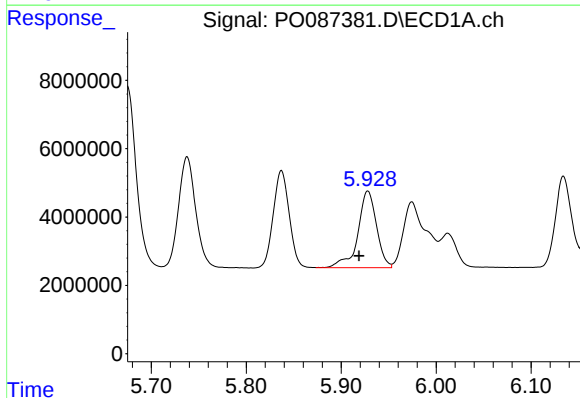
R.T.: 5.653 min
Delta R.T.: 0.010 min
Response: 47214515
Conc: 822.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



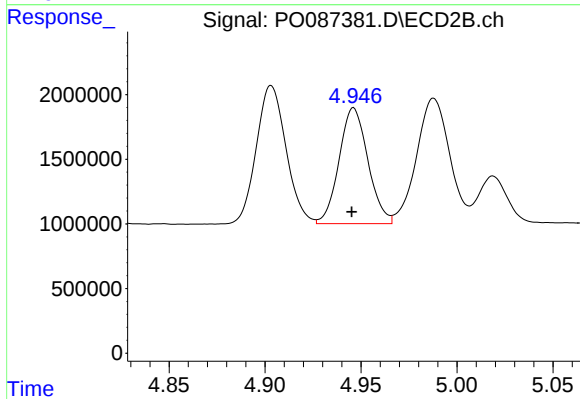
#21 AR-1248-1

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 15904073
Conc: 791.84 ng/ml



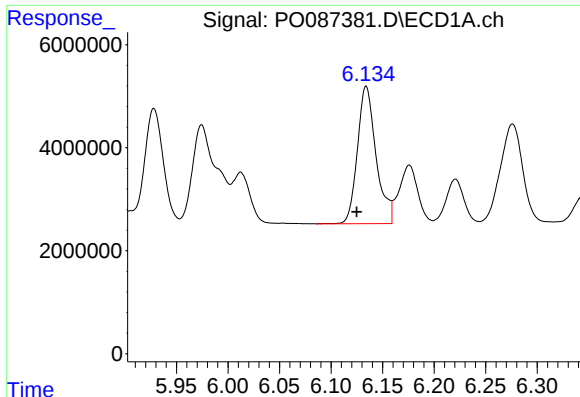
#22 AR-1248-2

R.T.: 5.928 min
Delta R.T.: 0.009 min
Response: 30615313
Conc: 364.81 ng/ml



#22 AR-1248-2

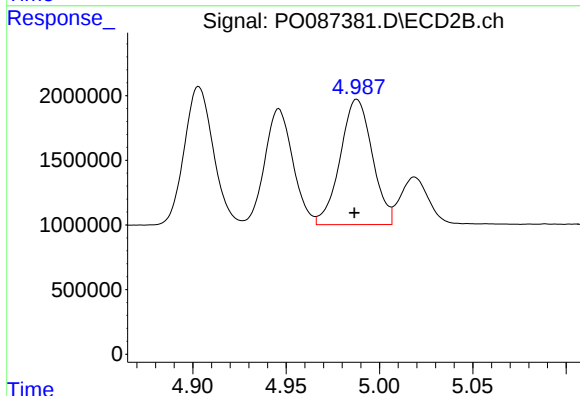
R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 9407536
Conc: 345.88 ng/ml



#23 AR-1248-3

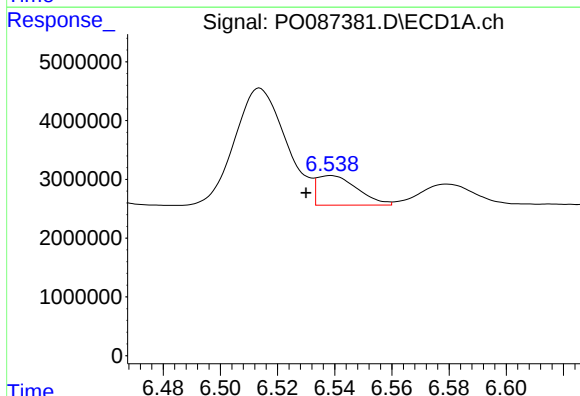
R.T.: 6.134 min
Delta R.T.: 0.009 min
Response: 33614527
Conc: 371.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



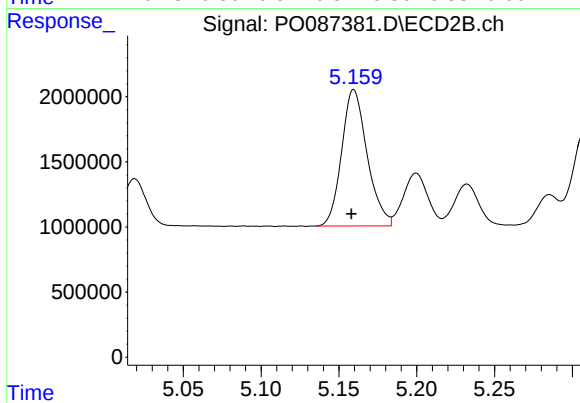
#23 AR-1248-3

R.T.: 4.988 min
Delta R.T.: 0.001 min
Response: 11606272
Conc: 414.31 ng/ml



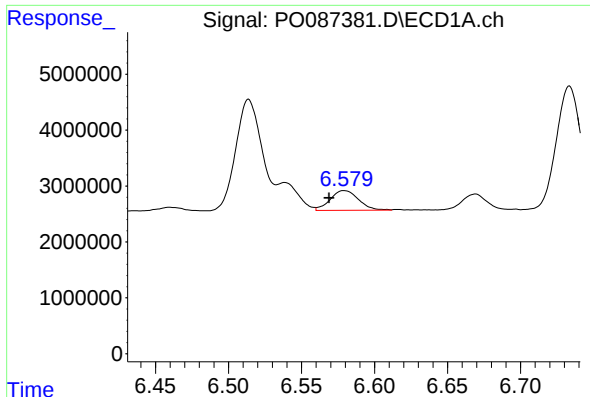
#24 AR-1248-4

R.T.: 6.539 min
Delta R.T.: 0.009 min
Response: 4893887
Conc: 49.79 ng/ml



#24 AR-1248-4

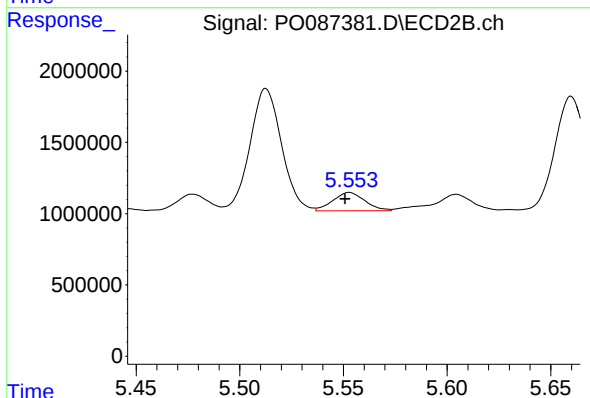
R.T.: 5.160 min
Delta R.T.: 0.002 min
Response: 11945989
Conc: 365.84 ng/ml



#25 AR-1248-5

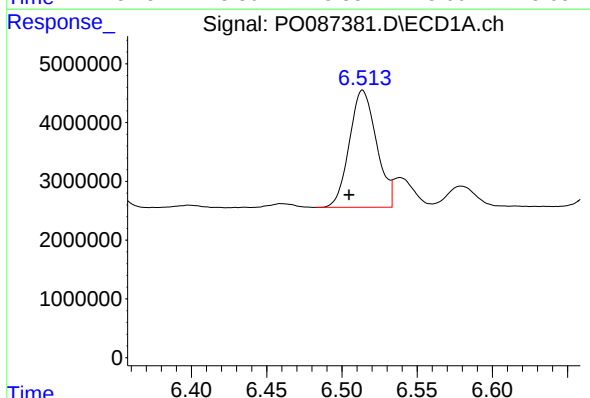
R.T.: 6.579 min
Delta R.T.: 0.010 min
Response: 4781217
Conc: 50.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



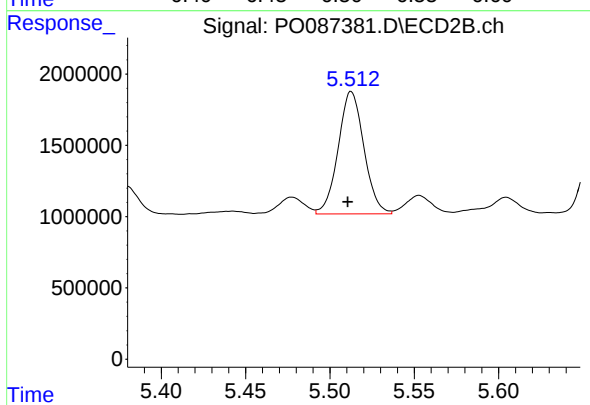
#25 AR-1248-5

R.T.: 5.553 min
Delta R.T.: 0.002 min
Response: 1383610
Conc: 44.94 ng/ml



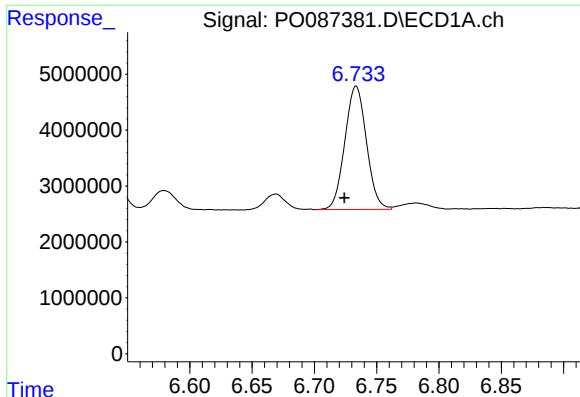
#26 AR-1254-1

R.T.: 6.514 min
Delta R.T.: 0.009 min
Response: 24995846
Conc: 243.54 ng/ml



#26 AR-1254-1

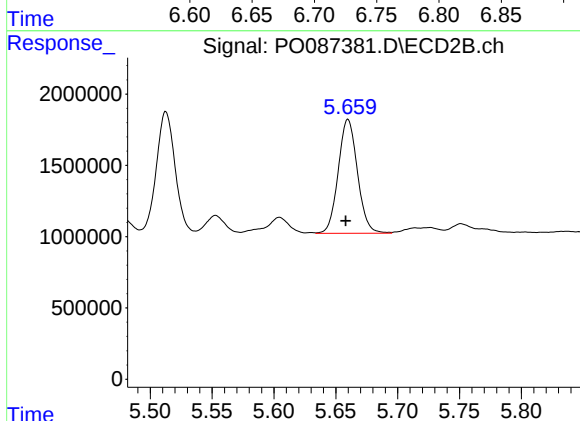
R.T.: 5.513 min
Delta R.T.: 0.002 min
Response: 9121015
Conc: 188.54 ng/ml



#27 AR-1254-2

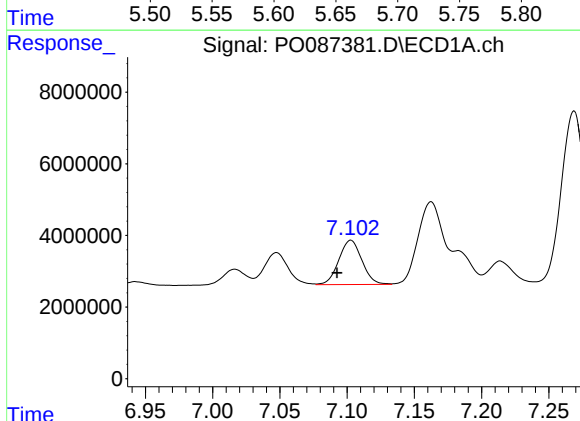
R.T.: 6.734 min
Delta R.T.: 0.010 min
Response: 26749802
Conc: 170.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



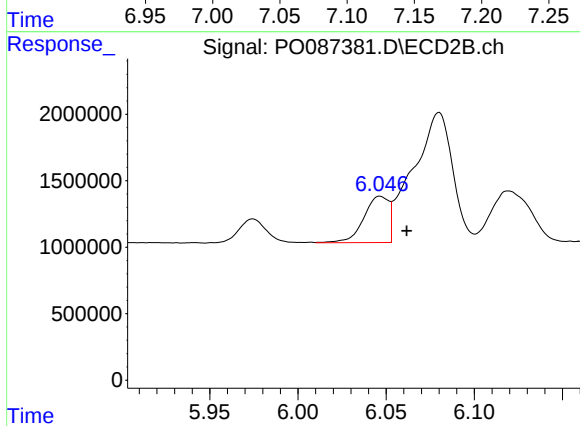
#27 AR-1254-2

R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 8650934
Conc: 201.13 ng/ml



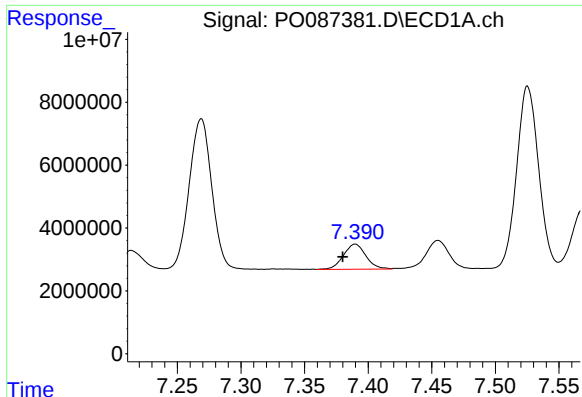
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: 0.010 min
Response: 14771899
Conc: 92.55 ng/ml



#28 AR-1254-3

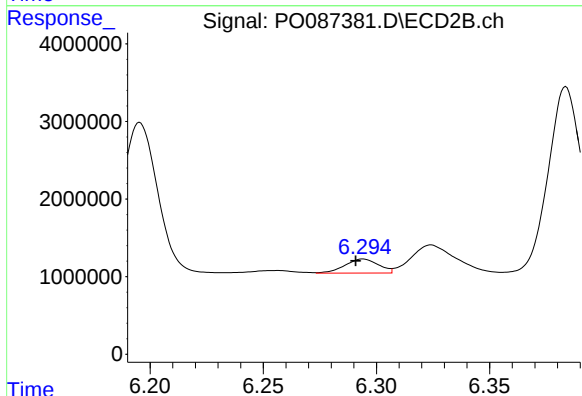
R.T.: 6.047 min
Delta R.T.: -0.015 min
Response: 3408943
Conc: 51.13 ng/ml



#29 AR-1254-4

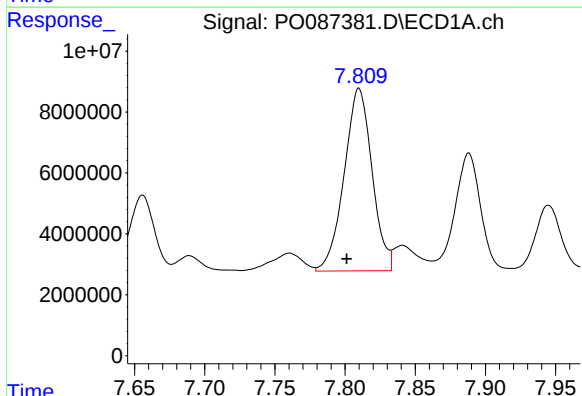
R.T.: 7.390 min
Delta R.T.: 0.010 min
Response: 9820328
Conc: 83.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



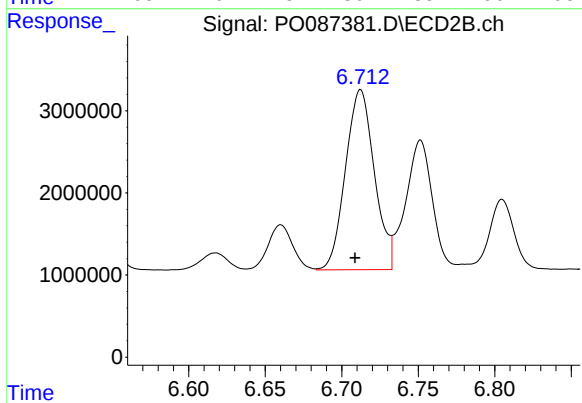
#29 AR-1254-4

R.T.: 6.294 min
Delta R.T.: 0.003 min
Response: 1880670
Conc: 46.13 ng/ml



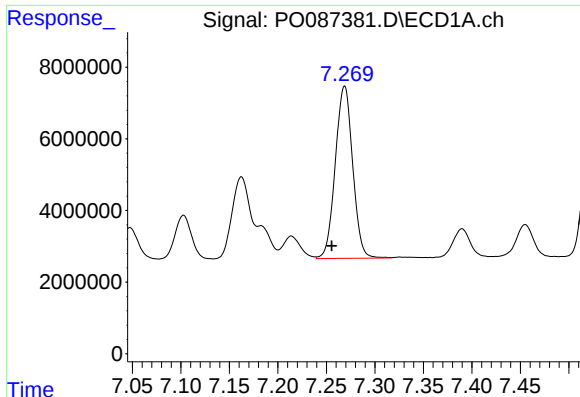
#30 AR-1254-5

R.T.: 7.810 min
Delta R.T.: 0.009 min
Response: 82886027
Conc: 643.29 ng/ml



#30 AR-1254-5

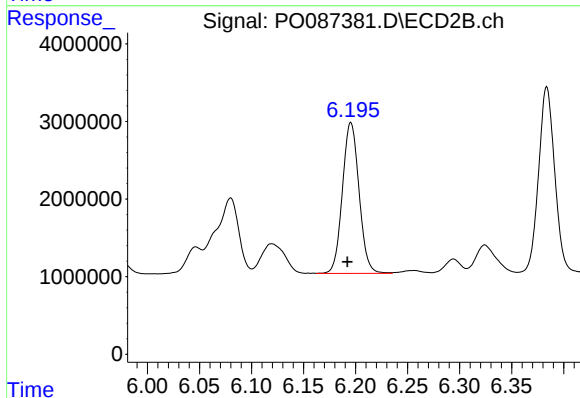
R.T.: 6.712 min
Delta R.T.: 0.004 min
Response: 28811040
Conc: 497.76 ng/ml



#31 AR-1260-1

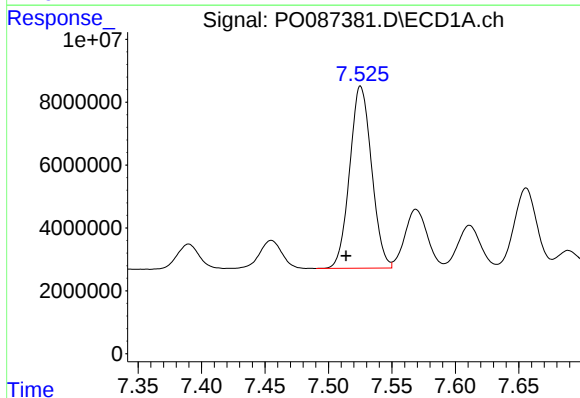
R.T.: 7.269 min
Delta R.T.: 0.013 min
Response: 60084971
Conc: 502.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



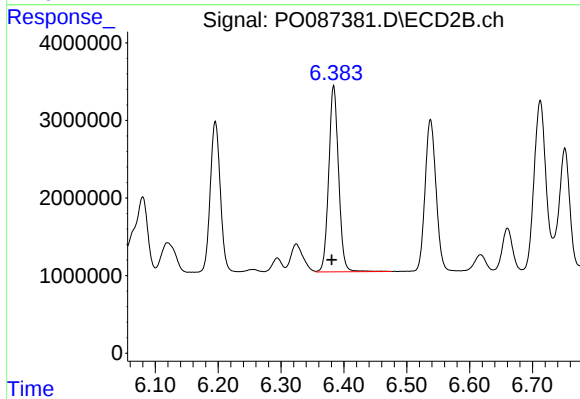
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 21654562
Conc: 493.72 ng/ml



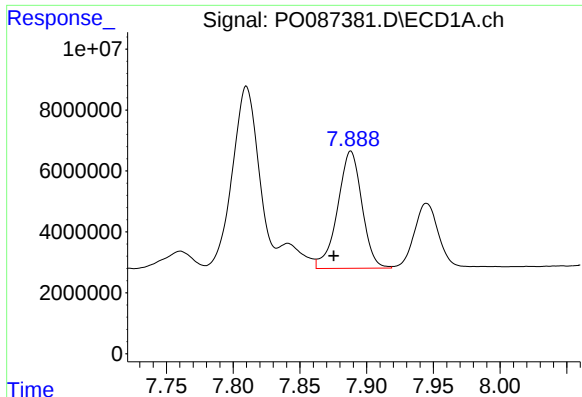
#32 AR-1260-2

R.T.: 7.525 min
Delta R.T.: 0.012 min
Response: 69564019
Conc: 503.03 ng/ml



#32 AR-1260-2

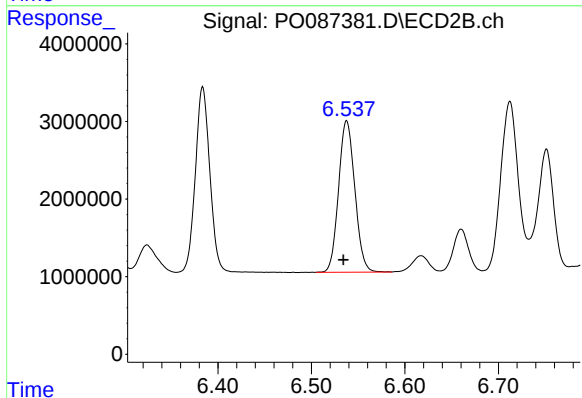
R.T.: 6.384 min
Delta R.T.: 0.003 min
Response: 26090809
Conc: 499.00 ng/ml



#33 AR-1260-3

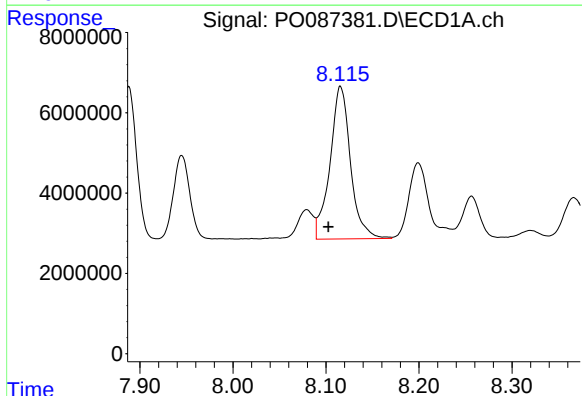
R.T.: 7.888 min
Delta R.T.: 0.013 min
Response: 48917999
Conc: 504.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



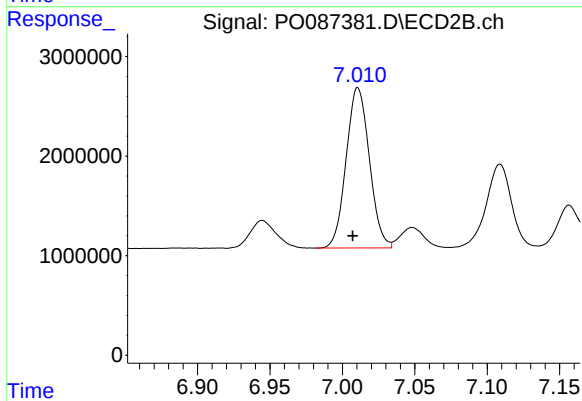
#33 AR-1260-3

R.T.: 6.538 min
Delta R.T.: 0.003 min
Response: 23572382
Conc: 496.83 ng/ml



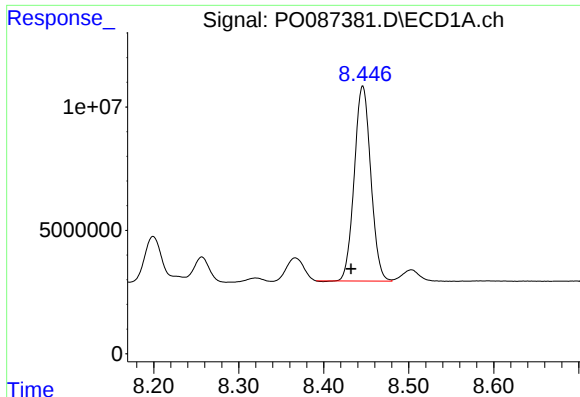
#34 AR-1260-4

R.T.: 8.116 min
Delta R.T.: 0.013 min
Response: 58393817
Conc: 508.03 ng/ml



#34 AR-1260-4

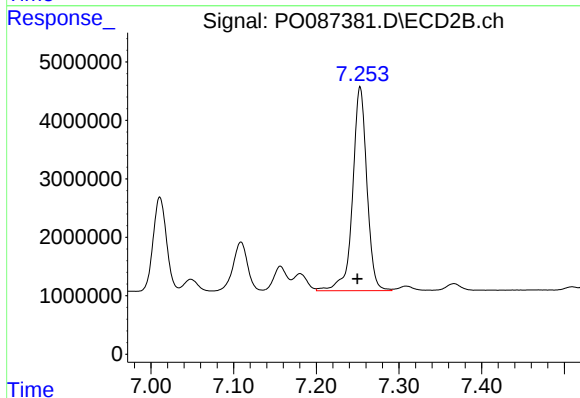
R.T.: 7.011 min
Delta R.T.: 0.004 min
Response: 17986484
Conc: 501.08 ng/ml



#35 AR-1260-5

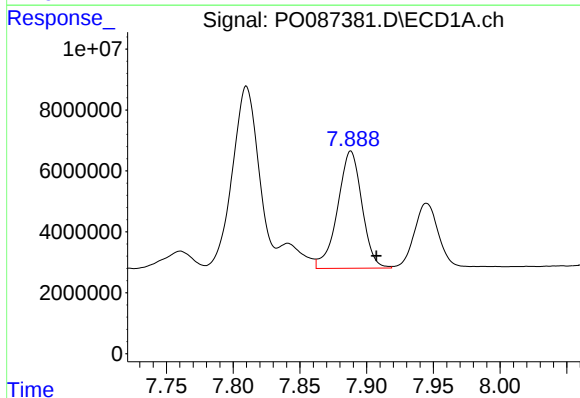
R.T.: 8.446 min
Delta R.T.: 0.014 min
Response: 106478721
Conc: 503.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



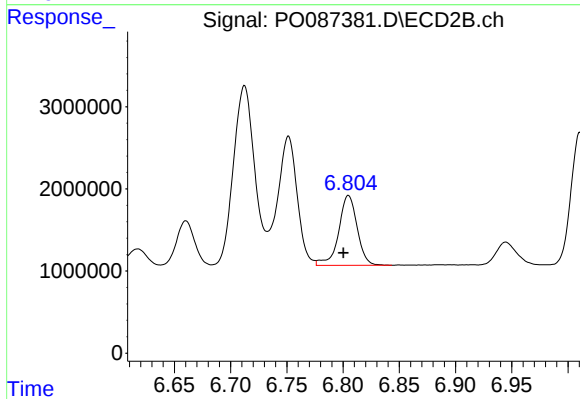
#35 AR-1260-5

R.T.: 7.253 min
Delta R.T.: 0.003 min
Response: 41838162
Conc: 504.75 ng/ml



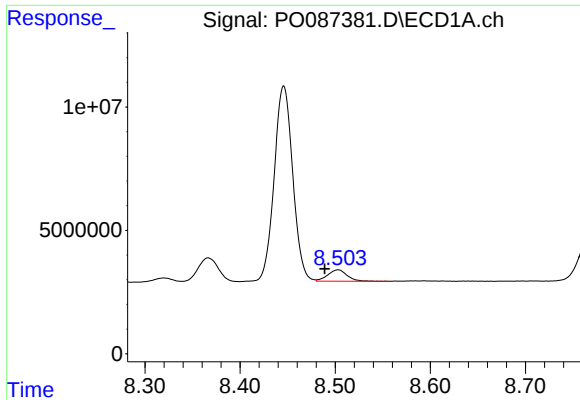
#36 AR-1262-1

R.T.: 7.888 min
Delta R.T.: -0.019 min
Response: 48917999
Conc: 182240.22 ng/ml



#36 AR-1262-1

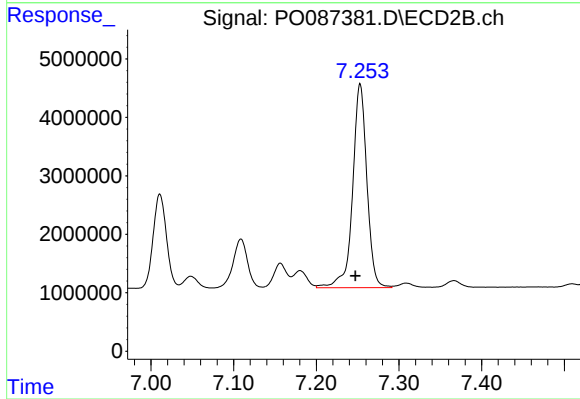
R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 9751961
Conc: 426.67 ng/ml



#37 AR-1262-2

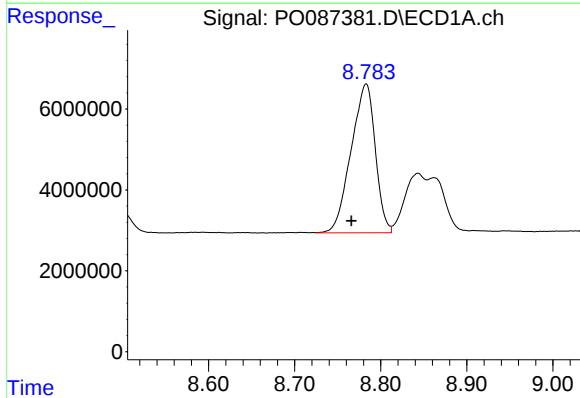
R.T.: 8.503 min
Delta R.T.: 0.014 min
Response: 6438695
Conc: 16887.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



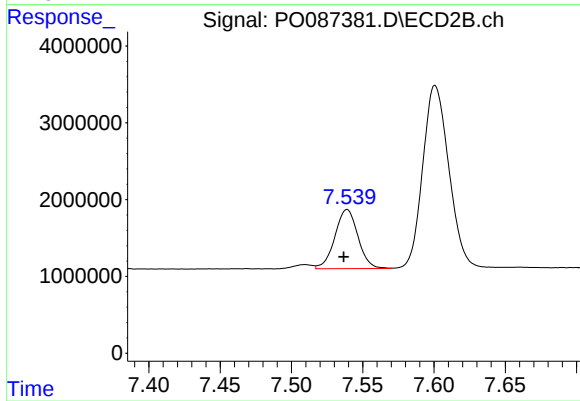
#37 AR-1262-2

R.T.: 7.253 min
Delta R.T.: 0.006 min
Response: 41838162
Conc: 75430.91 ng/ml



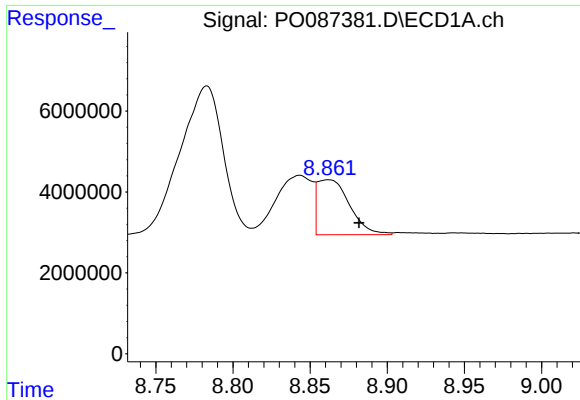
#38 AR-1262-3

R.T.: 8.783 min
Delta R.T.: 0.017 min
Response: 72040119
Conc: 30503.80 ng/ml



#38 AR-1262-3

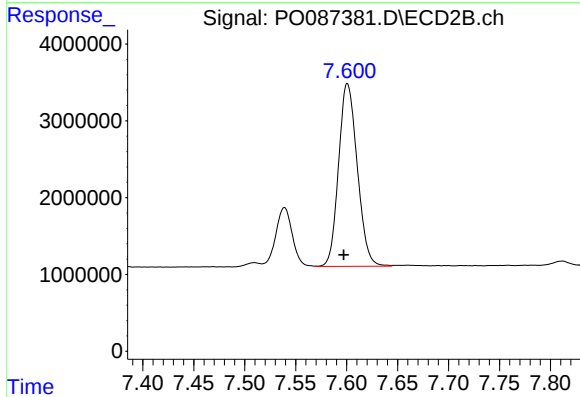
R.T.: 7.539 min
Delta R.T.: 0.002 min
Response: 8677188
Conc: 19090.25 ng/ml



#39 AR-1262-4

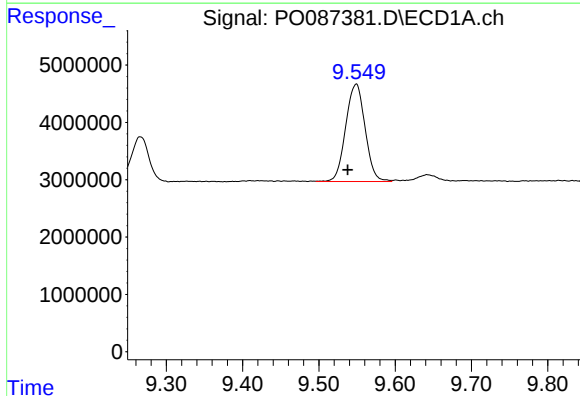
R.T.: 8.862 min
Delta R.T.: -0.020 min
Response: 19709189
Conc: 24632.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



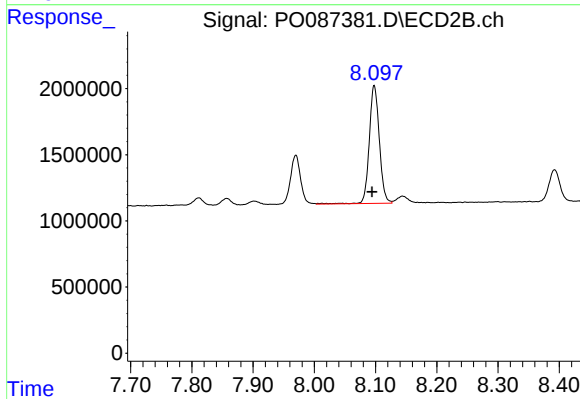
#39 AR-1262-4

R.T.: 7.601 min
Delta R.T.: 0.003 min
Response: 30437540
Conc: 58951.91 ng/ml



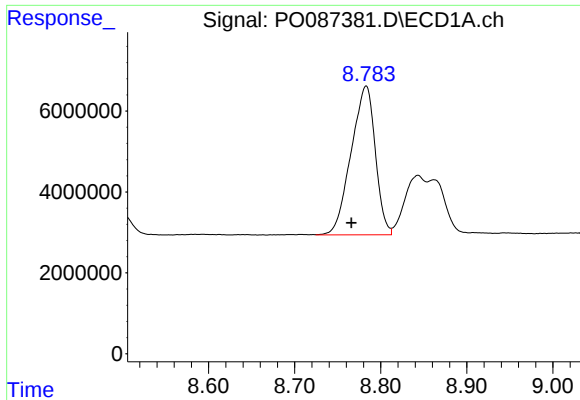
#40 AR-1262-5

R.T.: 9.549 min
Delta R.T.: 0.011 min
Response: 30030043
Conc: 67446.62 ng/ml



#40 AR-1262-5

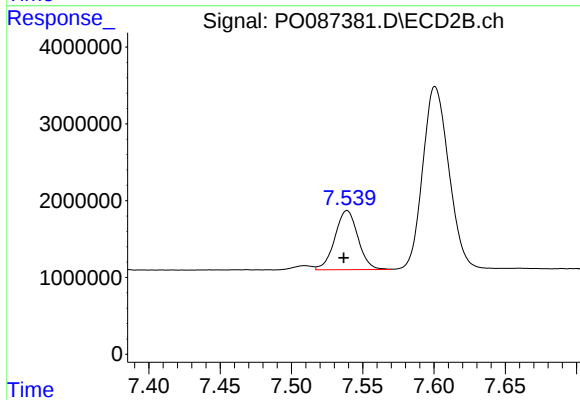
R.T.: 8.098 min
Delta R.T.: 0.004 min
Response: 10165529
Conc: 53717.99 ng/ml



#41 AR-1268-1

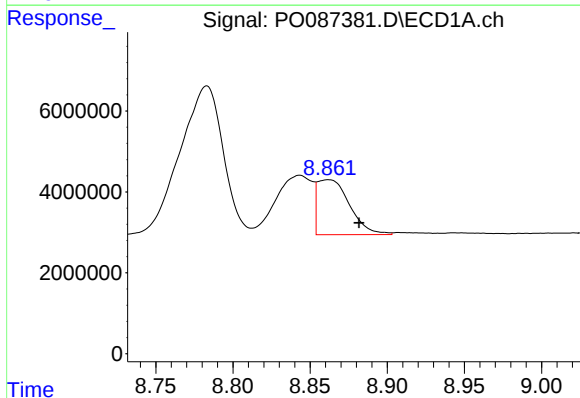
R.T.: 8.783 min
Delta R.T.: 0.017 min
Response: 72040119
Conc: 30503.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



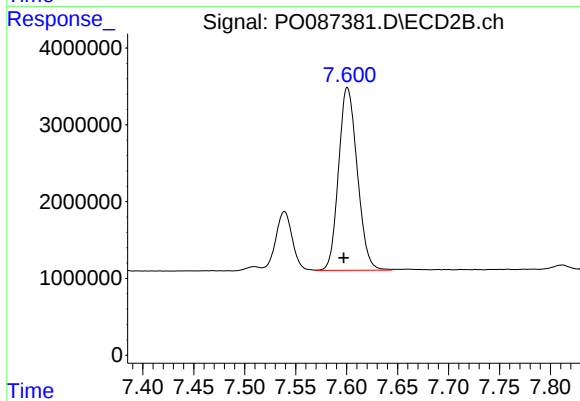
#41 AR-1268-1

R.T.: 7.539 min
Delta R.T.: 0.002 min
Response: 8677188
Conc: 19090.25 ng/ml



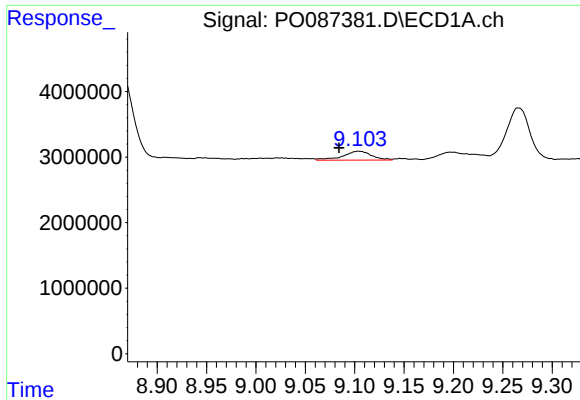
#42 AR-1268-2

R.T.: 8.862 min
Delta R.T.: -0.020 min
Response: 19709189
Conc: 24632.17 ng/ml



#42 AR-1268-2

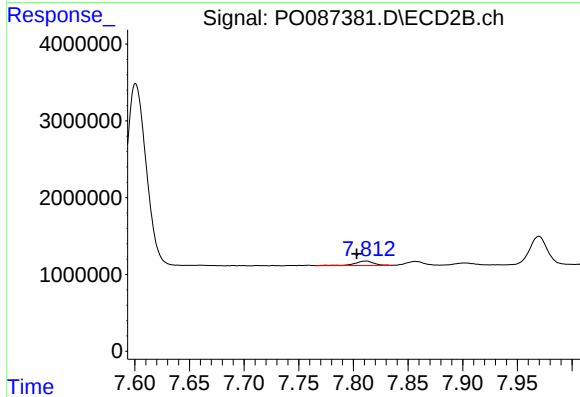
R.T.: 7.601 min
Delta R.T.: 0.003 min
Response: 30437540
Conc: 58951.91 ng/ml



#43 AR-1268-3

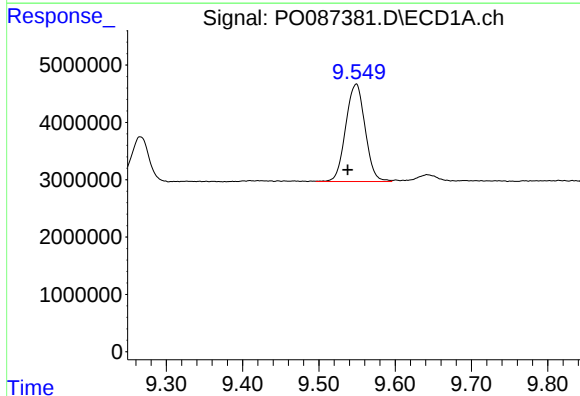
R.T.: 9.104 min
Delta R.T.: 0.020 min
Response: 2734438
Conc: 1593.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



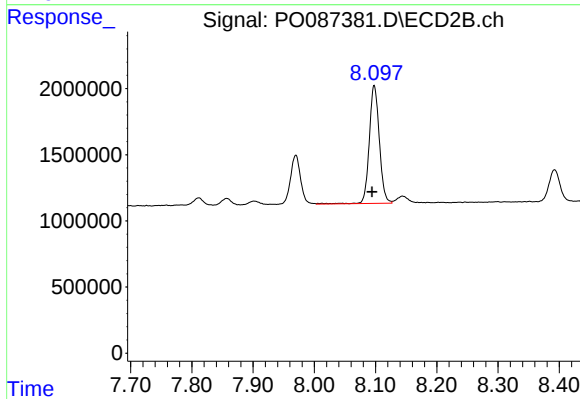
#43 AR-1268-3

R.T.: 7.811 min
Delta R.T.: 0.008 min
Response: 719568
Conc: 1591.15 ng/ml



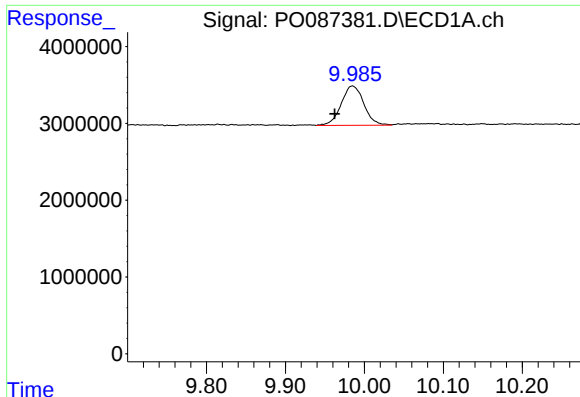
#44 AR-1268-4

R.T.: 9.549 min
Delta R.T.: 0.011 min
Response: 30030043
Conc: 67446.62 ng/ml



#44 AR-1268-4

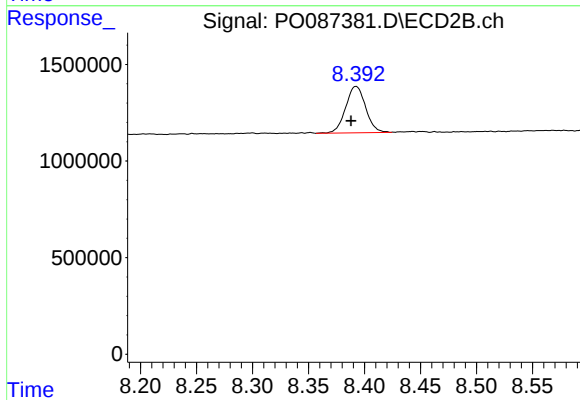
R.T.: 8.098 min
Delta R.T.: 0.004 min
Response: 10165529
Conc: 53717.99 ng/ml



#45 AR-1268-5

R.T.: 9.985 min
Delta R.T.: 0.022 min
Response: 10250119
Conc: 5811.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.392 min
Delta R.T.: 0.004 min
Response: 2970992
Conc: 3362.87 ng/ml