

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0081523\
 Data File : P0097111.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2023 23:08
 Operator : YP/AJ
 Sample : 03999-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 02:45:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.409	3.615	64673629	25663736	19.538	19.387
2)	SA Decachlor...	10.349	8.630	47652219	22547395	21.777	19.489
Target Compounds							
3)	L1 AR-1016-1	5.595	4.700	1921801	747112	20.405	16.851
4)	L1 AR-1016-2	5.629	4.717	3029844	618211	22.649	10.106 #
5)	L1 AR-1016-3	5.682	4.895	916745	426350	10.535	13.051
6)	L1 AR-1016-4	5.782	4.937	955314	11568171	14.222	404.674 #
7)	L1 AR-1016-5	6.083	5.151	20232359	9309736	289.791	242.148
8)	L2 AR-1221-1	4.619	3.832	1378852	141072	33.833	8.128 #
9)	L2 AR-1221-2	4.720	3.916	1260655	789727	41.496	61.121 #
10)	L2 AR-1221-3	4.783	3.960f	743895	1769939	8.499	44.590 #
11)	L3 AR-1232-1	4.783	3.960f	743895	1769939	10.200	54.717 #
12)	L3 AR-1232-2	5.332	4.717	827597	618211	20.875	21.427
13)	L3 AR-1232-3	5.629	4.895	3029844	426350	49.529	28.120 #
14)	L3 AR-1232-4	5.782	4.978	955314	3984199	31.308	266.597 #
15)	L3 AR-1232-5	5.875	5.151	24790407	9309736	885.904	569.515 #
16)	L4 AR-1242-1	5.595	4.700	1921801	747112	22.929	18.950
17)	L4 AR-1242-2	5.629	4.717	3029844	618211	25.729	11.345 #
18)	L4 AR-1242-3	5.682	4.895	916745	426350	12.410	14.419
19)	L4 AR-1242-4	5.782	4.978	955314	3984199	16.048	126.427 #
20)	L4 AR-1242-5	6.539	5.504	32317869	44480839	587.387	1220.787 #
21)	L5 AR-1248-1	5.595	4.700	1921801	747112	32.799	26.623
22)	L5 AR-1248-2	5.875	4.937	24790407	11568171	263.678	272.957
23)	L5 AR-1248-3	6.083	4.978	20232359	3984199	206.856	90.829 #
24)	L5 AR-1248-4	6.496	5.151	42067513	9309736	463.077	182.365 #
25)	L5 AR-1248-5	6.539	5.544	32317869	8421026	366.890	180.122 #
26)	L6 AR-1254-1	6.470	5.504	65888378	44480839	602.873	602.752
27)	L6 AR-1254-2	6.694	5.652	158.5E6	59273535	983.038	899.716
28)	L6 AR-1254-3	7.071	6.056	220.8E6	122.5E6	1409.148	1212.242
29)	L6 AR-1254-4	7.365	6.286	178.5E6	84939605	1770.984	1467.644
30)	L6 AR-1254-5	7.795	6.705	161.8E6	100.5E6	1441.447	1143.461
31)	L7 AR-1260-1	7.240	6.187	106.6E6	67085077	847.848	953.346
32)	L7 AR-1260-2	7.503	6.376	119.6E6	58619259	887.430	702.337
33)	L7 AR-1260-3	7.858	6.528	22839430	51079304	220.088	661.481 #
34)	L7 AR-1260-4	8.092	7.002	47698965	4392611	426.631	68.547 #
35)	L7 AR-1260-5	8.439	7.245	11227506	4986421	53.469	35.968 #
36)	L8 AR-1262-1	7.858	6.794	22839430	3569033	153.773	90.657 #
37)	L8 AR-1262-2	8.439	7.002	11227506	4392611	48.506	54.159
38)	L8 AR-1262-3	8.783	7.524	6454113	2914094	38.694	45.410
39)	L8 AR-1262-4	8.856	7.591	682792	3564149	9.365	31.374 #
40)	L8 AR-1262-5	9.549	8.149f	219855	223871	2.640	4.263 #
41)	L9 AR-1268-1	8.783	7.524	6454113	2914094	20.996	15.727 #

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 ALS Vial : 31 Sample Multiplier: 1

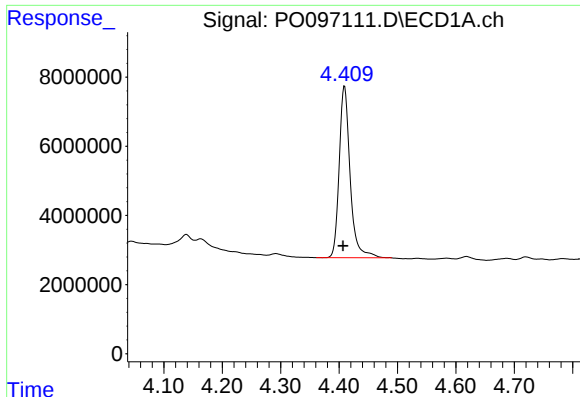
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 02:45:43 2023
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 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	8.856	7.591	682792	3564149	2.490	21.255 #
43) L9	AR-1268-3	9.094	7.801	207371	189860	0.812	1.314 #
44) L9	AR-1268-4	9.549	8.149f	219855	223871	2.371	3.758 #
45) L9	AR-1268-5	9.991	8.381	537244	341561	0.665	0.821

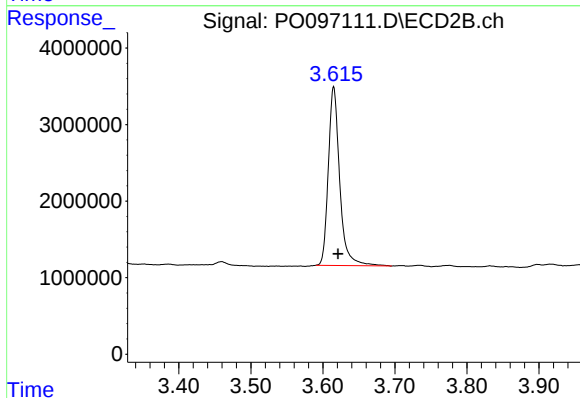
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

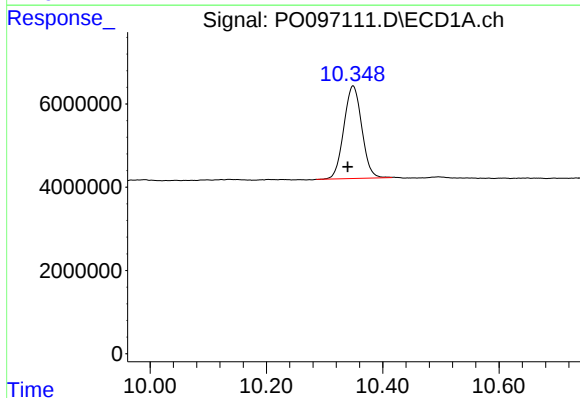
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 64673629
Conc: 19.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



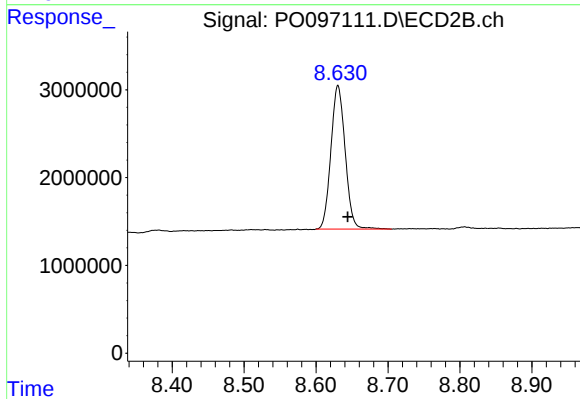
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.006 min
Response: 25663736
Conc: 19.39 ng/ml



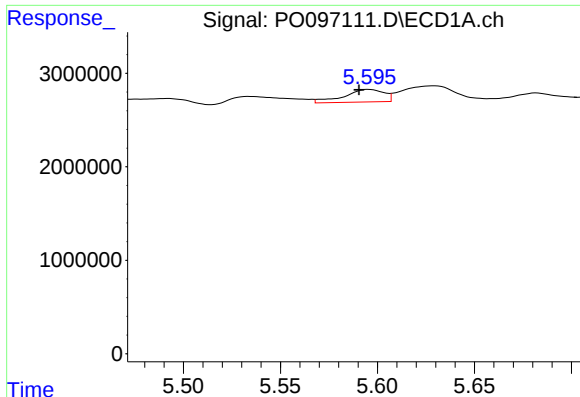
#2 Decachlorobiphenyl

R.T.: 10.349 min
Delta R.T.: 0.010 min
Response: 47652219
Conc: 21.78 ng/ml



#2 Decachlorobiphenyl

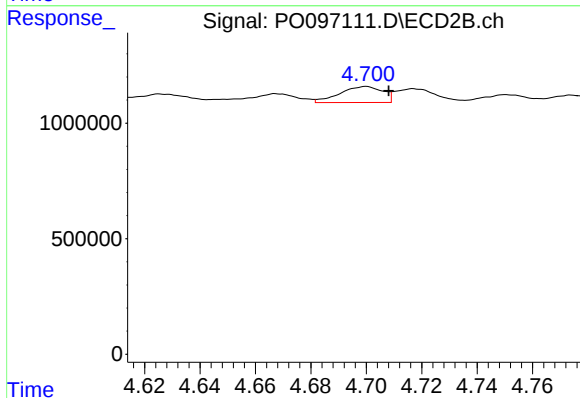
R.T.: 8.630 min
Delta R.T.: -0.014 min
Response: 22547395
Conc: 19.49 ng/ml



#3 AR-1016-1

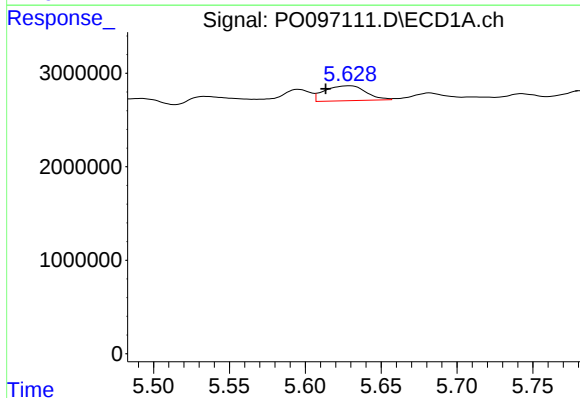
R.T.: 5.595 min
Delta R.T.: 0.005 min
Response: 1921801
Conc: 20.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



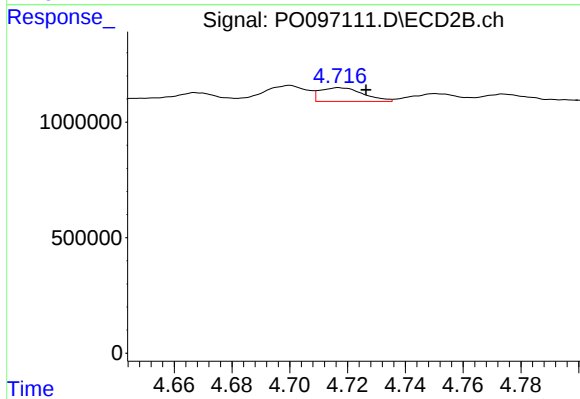
#3 AR-1016-1

R.T.: 4.700 min
Delta R.T.: -0.008 min
Response: 747112
Conc: 16.85 ng/ml



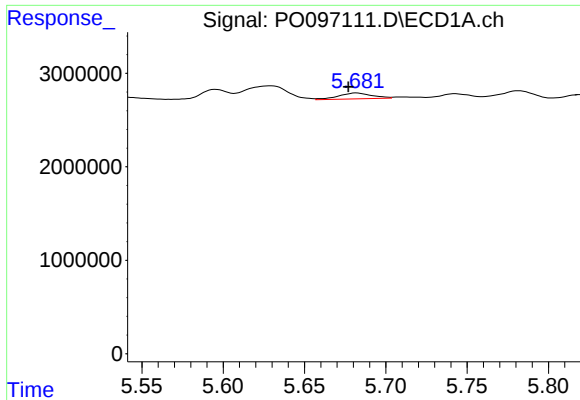
#4 AR-1016-2

R.T.: 5.629 min
Delta R.T.: 0.016 min
Response: 3029844
Conc: 22.65 ng/ml



#4 AR-1016-2

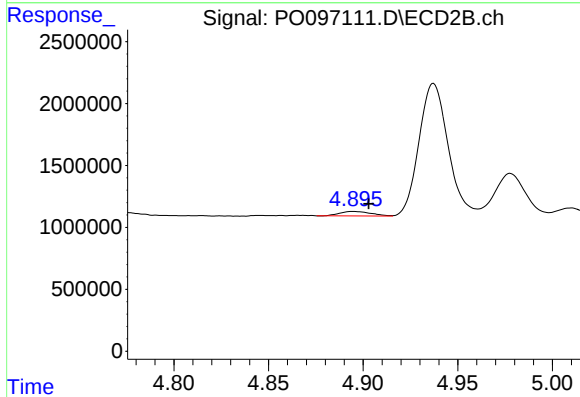
R.T.: 4.717 min
Delta R.T.: -0.009 min
Response: 618211
Conc: 10.11 ng/ml



#5 AR-1016-3

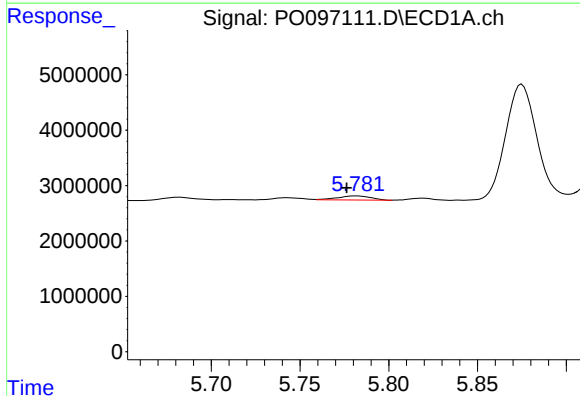
R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 916745
Conc: 10.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



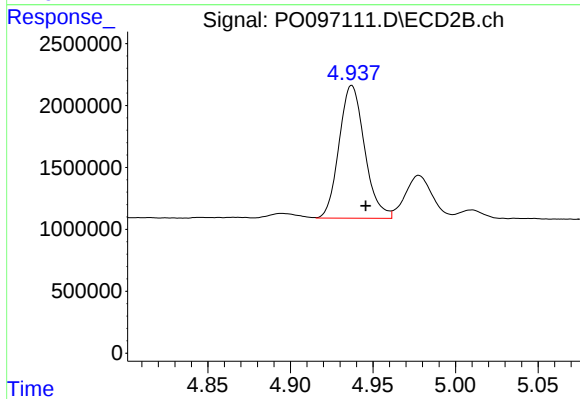
#5 AR-1016-3

R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 426350
Conc: 13.05 ng/ml



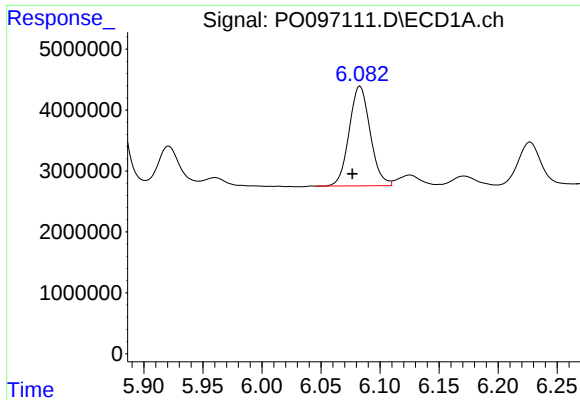
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 955314
Conc: 14.22 ng/ml



#6 AR-1016-4

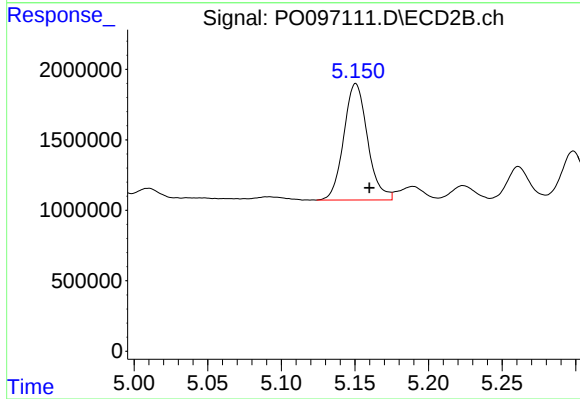
R.T.: 4.937 min
Delta R.T.: -0.008 min
Response: 11568171
Conc: 404.67 ng/ml



#7 AR-1016-5

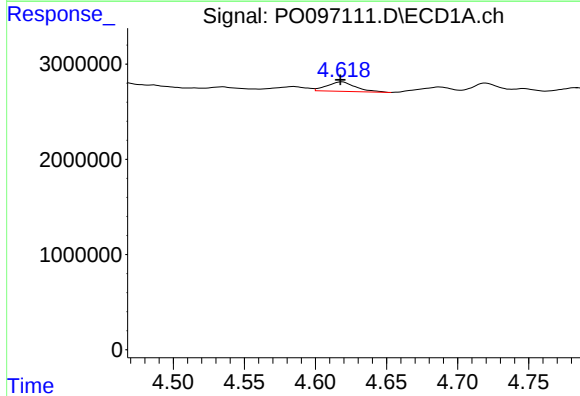
R.T.: 6.083 min
Delta R.T.: 0.007 min
Response: 20232359
Conc: 289.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



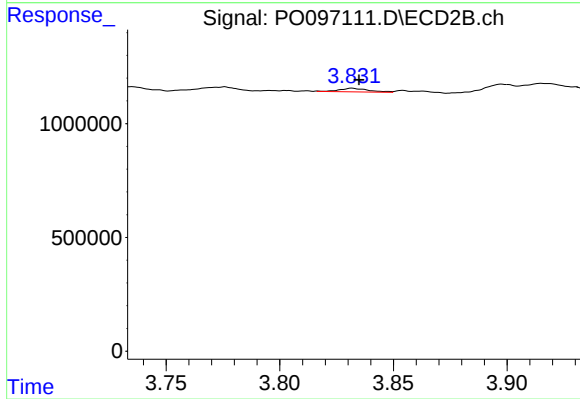
#7 AR-1016-5

R.T.: 5.151 min
Delta R.T.: -0.009 min
Response: 9309736
Conc: 242.15 ng/ml



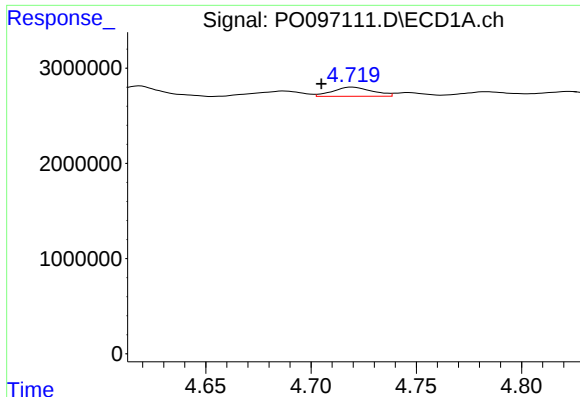
#8 AR-1221-1

R.T.: 4.619 min
Delta R.T.: 0.001 min
Response: 1378852
Conc: 33.83 ng/ml



#8 AR-1221-1

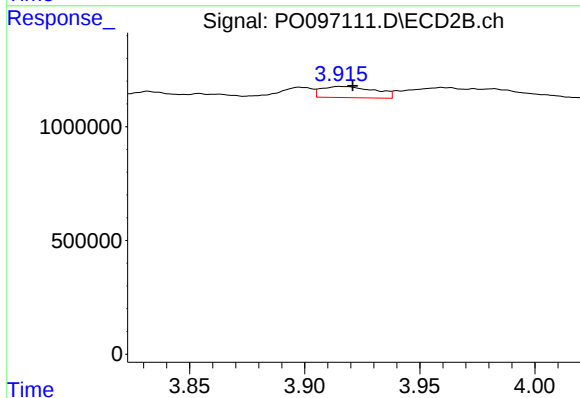
R.T.: 3.832 min
Delta R.T.: -0.003 min
Response: 141072
Conc: 8.13 ng/ml



#9 AR-1221-2

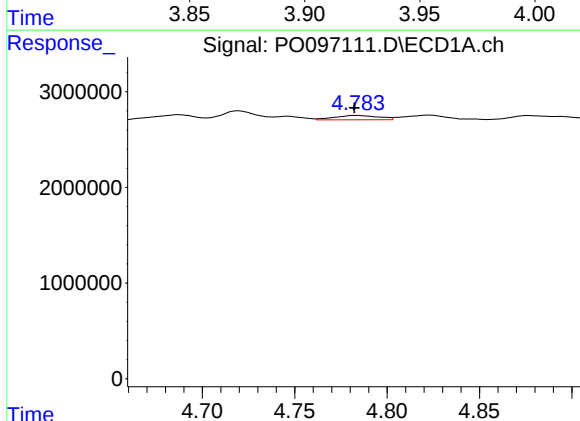
R.T.: 4.720 min
Delta R.T.: 0.015 min
Response: 1260655
Conc: 41.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



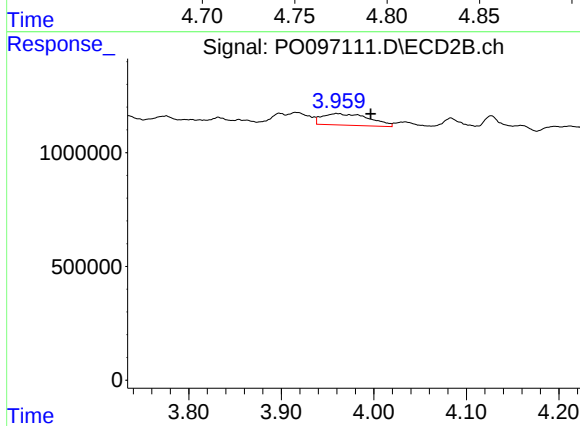
#9 AR-1221-2

R.T.: 3.916 min
Delta R.T.: -0.005 min
Response: 789727
Conc: 61.12 ng/ml



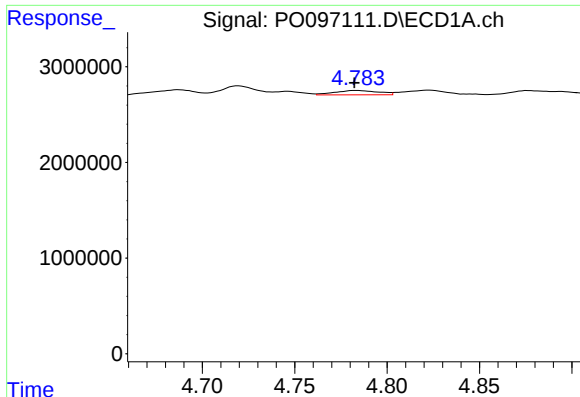
#10 AR-1221-3

R.T.: 4.783 min
Delta R.T.: 0.001 min
Response: 743895
Conc: 8.50 ng/ml



#10 AR-1221-3

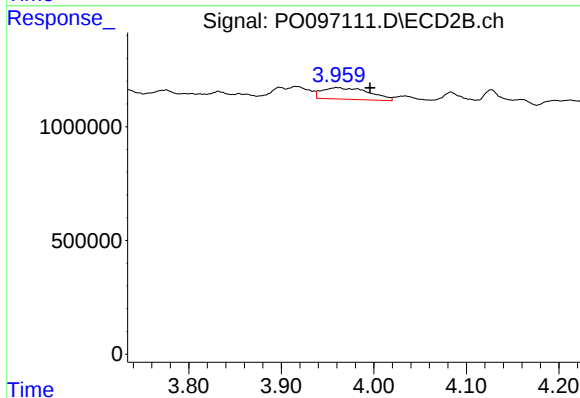
R.T.: 3.960 min
Delta R.T.: -0.037 min
Response: 1769939
Conc: 44.59 ng/ml



#11 AR-1232-1

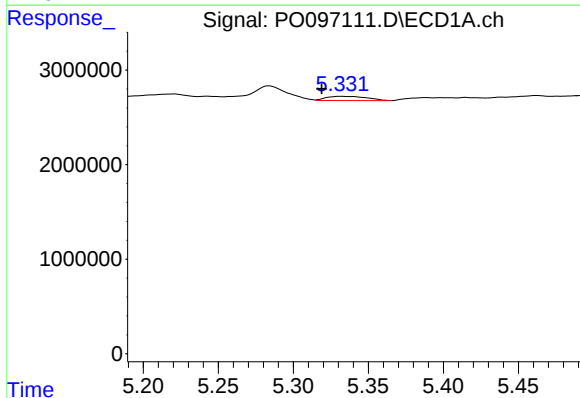
R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 743895
Conc: 10.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



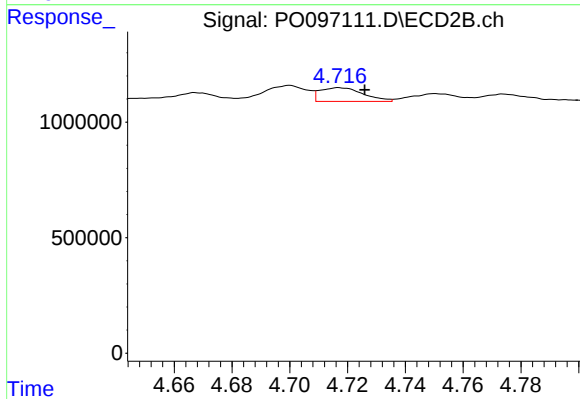
#11 AR-1232-1

R.T.: 3.960 min
Delta R.T.: -0.036 min
Response: 1769939
Conc: 54.72 ng/ml



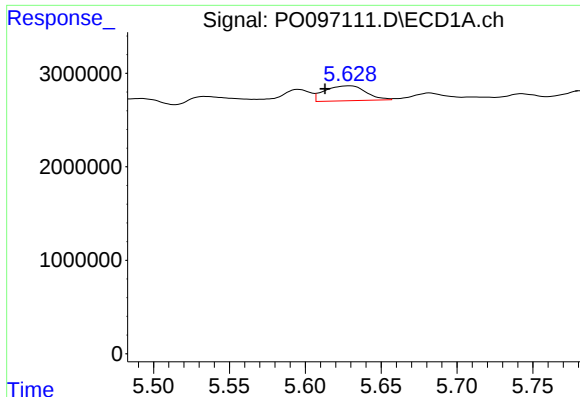
#12 AR-1232-2

R.T.: 5.332 min
Delta R.T.: 0.013 min
Response: 827597
Conc: 20.87 ng/ml



#12 AR-1232-2

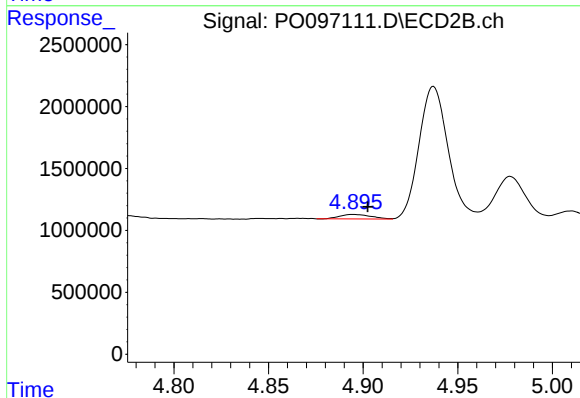
R.T.: 4.717 min
Delta R.T.: -0.009 min
Response: 618211
Conc: 21.43 ng/ml



#13 AR-1232-3

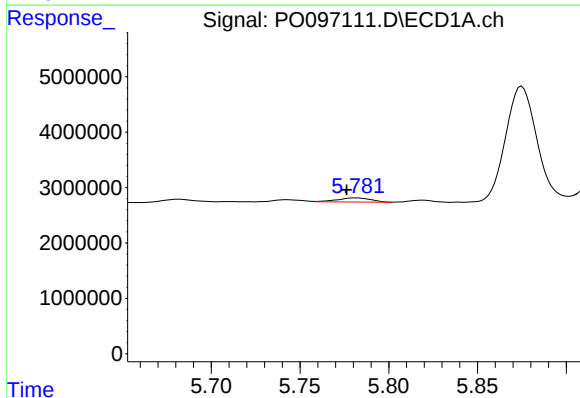
R.T.: 5.629 min
Delta R.T.: 0.016 min
Response: 3029844
Conc: 49.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



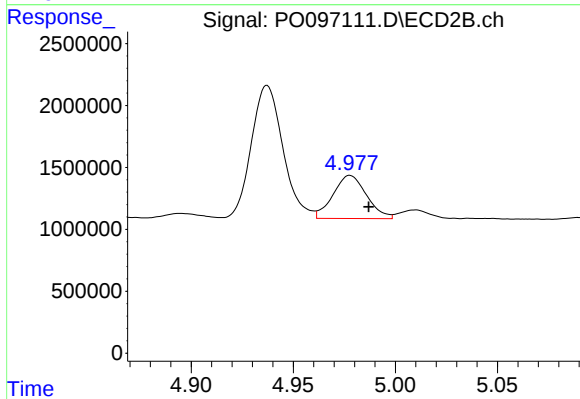
#13 AR-1232-3

R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 426350
Conc: 28.12 ng/ml



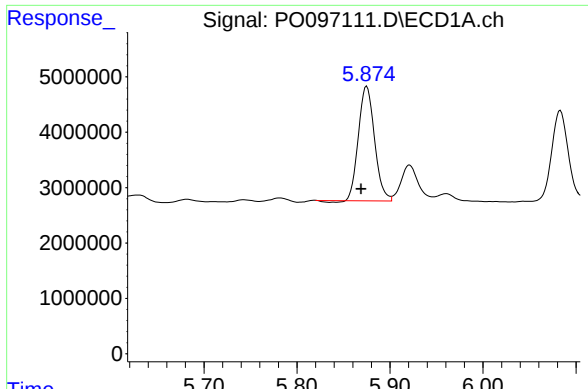
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 955314
Conc: 31.31 ng/ml



#14 AR-1232-4

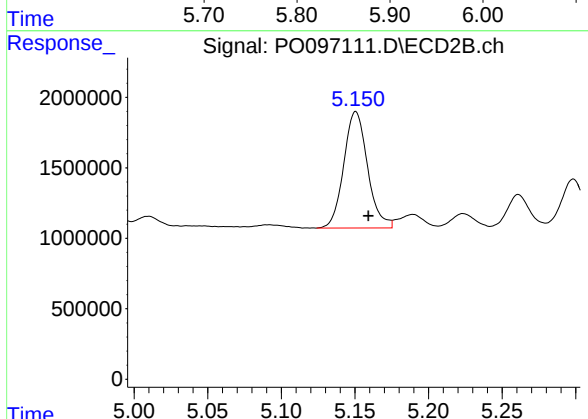
R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 3984199
Conc: 266.60 ng/ml



#15 AR-1232-5

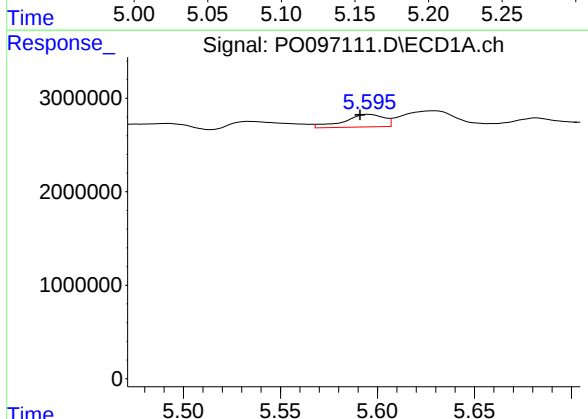
R.T.: 5.875 min
Delta R.T.: 0.006 min
Response: 24790407
Conc: 885.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



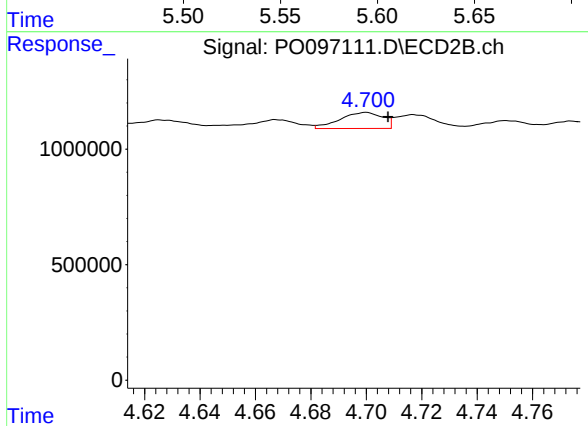
#15 AR-1232-5

R.T.: 5.151 min
Delta R.T.: -0.008 min
Response: 9309736
Conc: 569.52 ng/ml



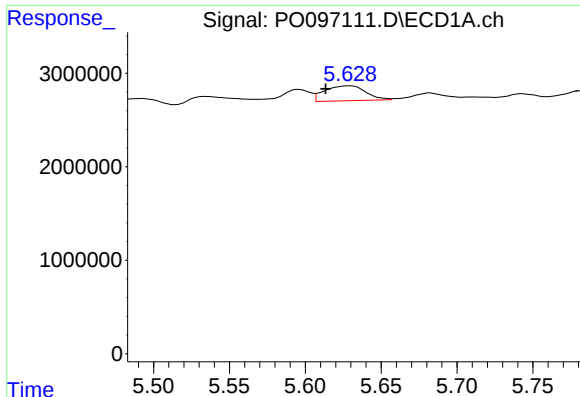
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 1921801
Conc: 22.93 ng/ml



#16 AR-1242-1

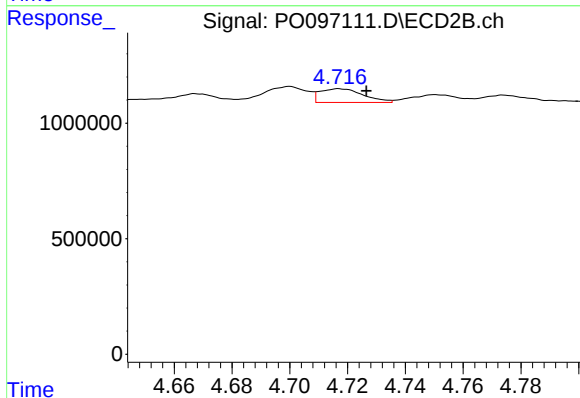
R.T.: 4.700 min
Delta R.T.: -0.008 min
Response: 747112
Conc: 18.95 ng/ml



#17 AR-1242-2

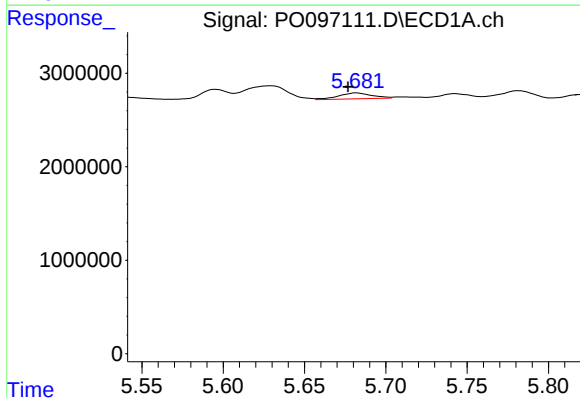
R.T.: 5.629 min
Delta R.T.: 0.016 min
Response: 3029844
Conc: 25.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



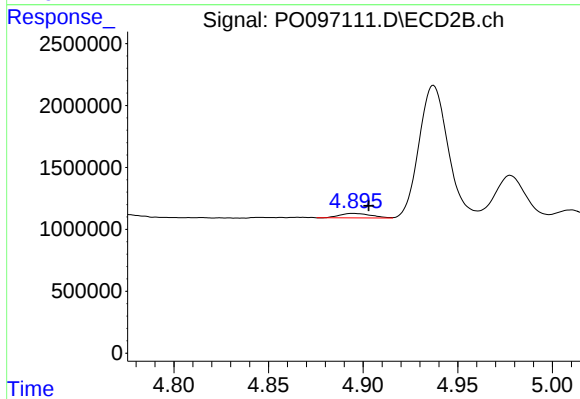
#17 AR-1242-2

R.T.: 4.717 min
Delta R.T.: -0.009 min
Response: 618211
Conc: 11.35 ng/ml



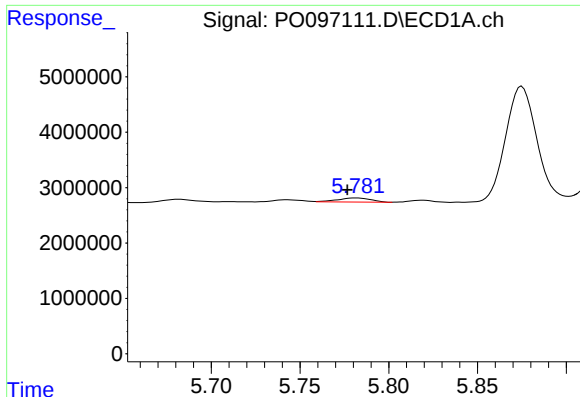
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.005 min
Response: 916745
Conc: 12.41 ng/ml



#18 AR-1242-3

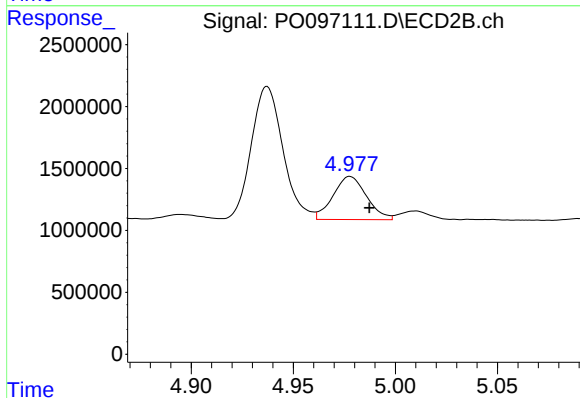
R.T.: 4.895 min
Delta R.T.: -0.008 min
Response: 426350
Conc: 14.42 ng/ml



#19 AR-1242-4

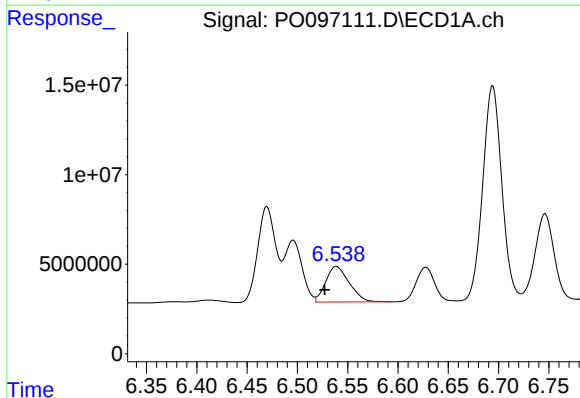
R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 955314
Conc: 16.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



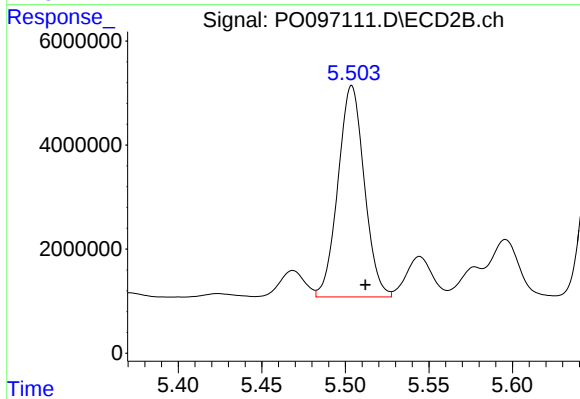
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.009 min
Response: 3984199
Conc: 126.43 ng/ml



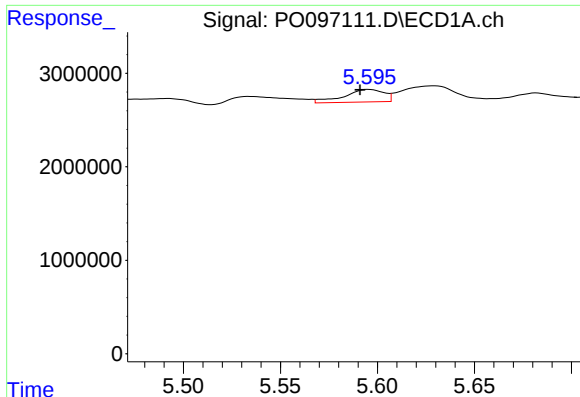
#20 AR-1242-5

R.T.: 6.539 min
Delta R.T.: 0.012 min
Response: 32317869
Conc: 587.39 ng/ml



#20 AR-1242-5

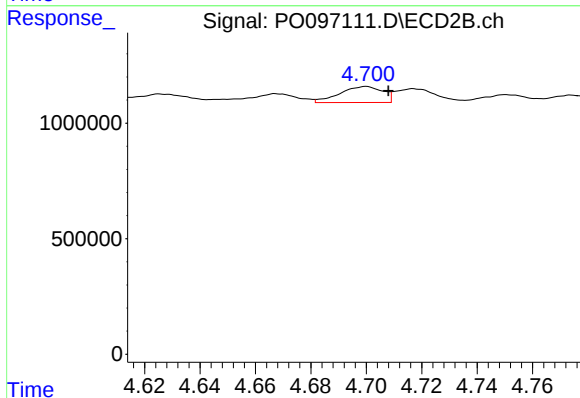
R.T.: 5.504 min
Delta R.T.: -0.008 min
Response: 44480839
Conc: 1220.79 ng/ml



#21 AR-1248-1

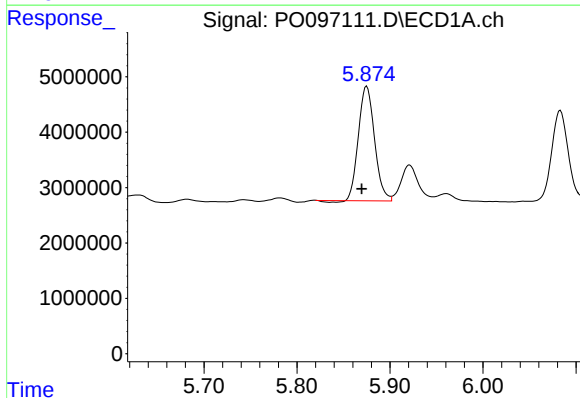
R.T.: 5.595 min
Delta R.T.: 0.004 min
Response: 1921801
Conc: 32.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



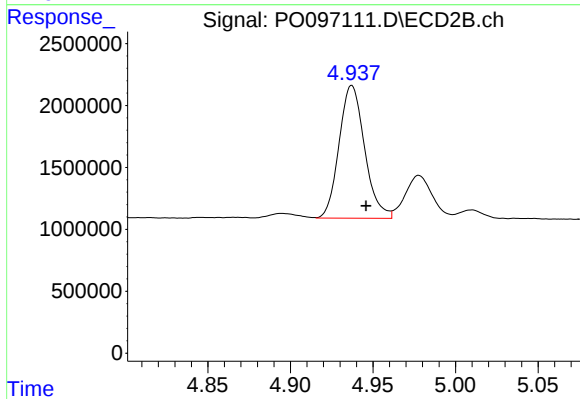
#21 AR-1248-1

R.T.: 4.700 min
Delta R.T.: -0.008 min
Response: 747112
Conc: 26.62 ng/ml



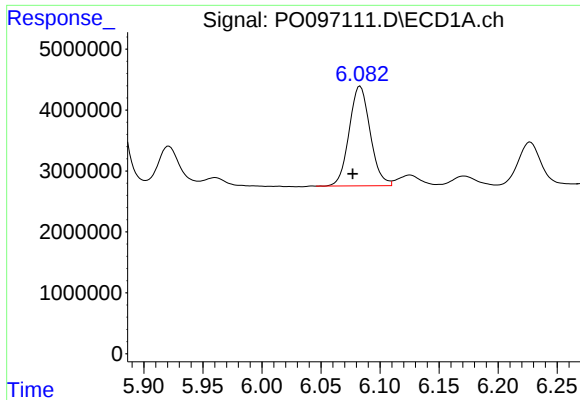
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: 0.005 min
Response: 24790407
Conc: 263.68 ng/ml



#22 AR-1248-2

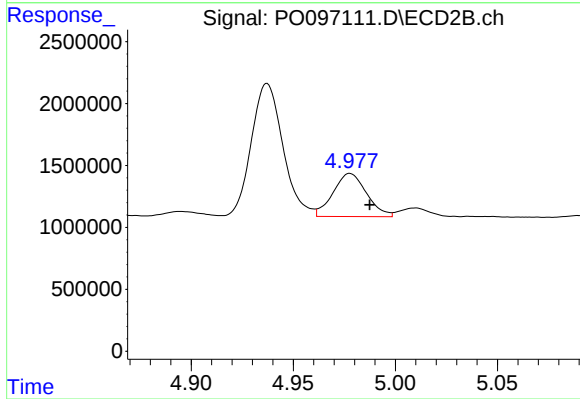
R.T.: 4.937 min
Delta R.T.: -0.009 min
Response: 11568171
Conc: 272.96 ng/ml



#23 AR-1248-3

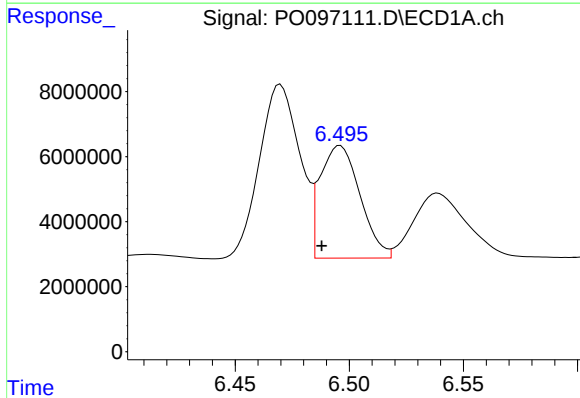
R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 20232359
Conc: 206.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



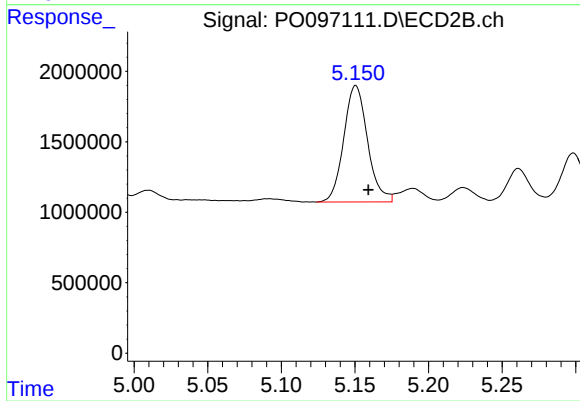
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.010 min
Response: 3984199
Conc: 90.83 ng/ml



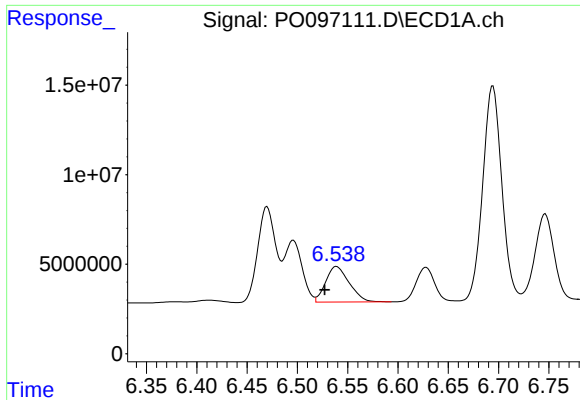
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.008 min
Response: 42067513
Conc: 463.08 ng/ml



#24 AR-1248-4

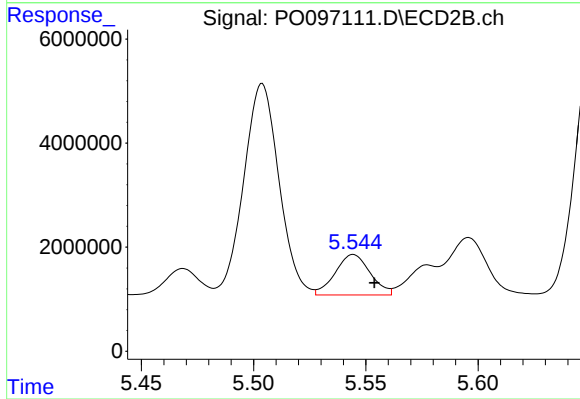
R.T.: 5.151 min
Delta R.T.: -0.009 min
Response: 9309736
Conc: 182.37 ng/ml



#25 AR-1248-5

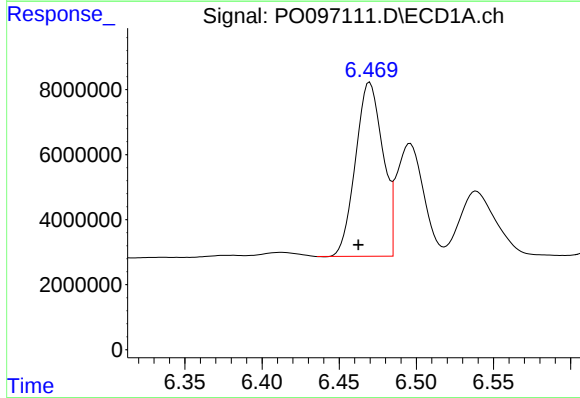
R.T.: 6.539 min
Delta R.T.: 0.012 min
Response: 32317869
Conc: 366.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



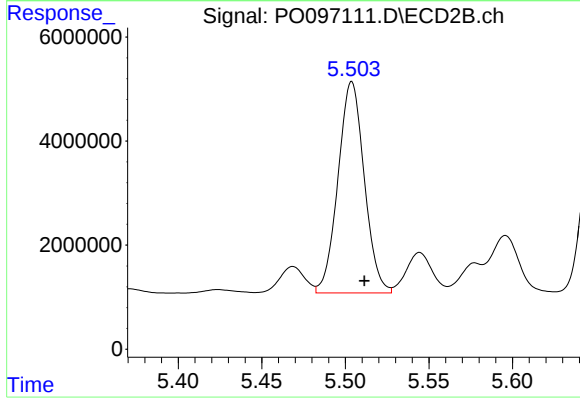
#25 AR-1248-5

R.T.: 5.544 min
Delta R.T.: -0.009 min
Response: 8421026
Conc: 180.12 ng/ml



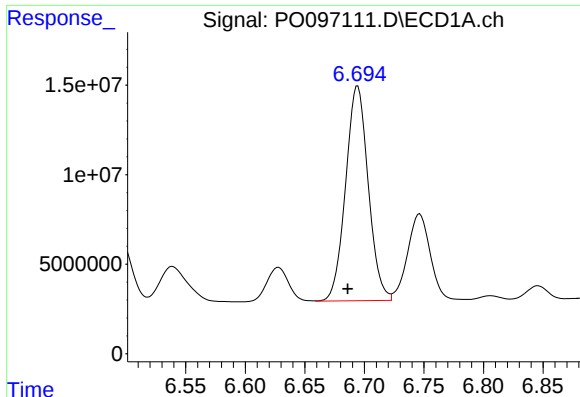
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.007 min
Response: 65888378
Conc: 602.87 ng/ml



#26 AR-1254-1

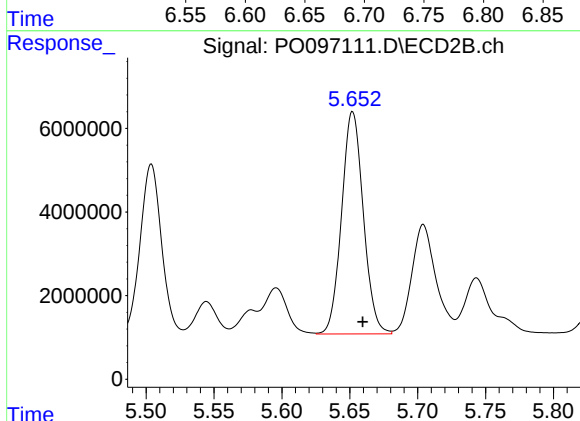
R.T.: 5.504 min
Delta R.T.: -0.008 min
Response: 44480839
Conc: 602.75 ng/ml



#27 AR-1254-2

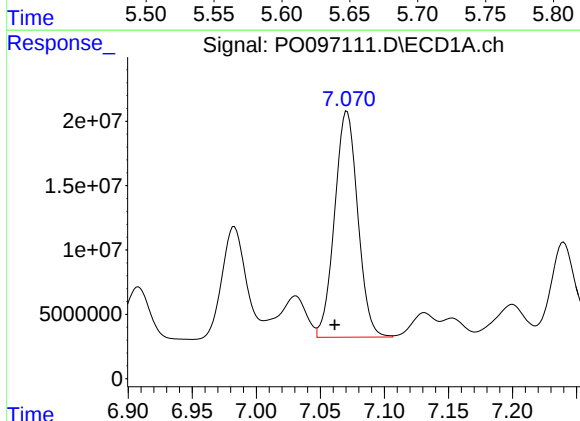
R.T.: 6.694 min
Delta R.T.: 0.008 min
Response: 158492716
Conc: 983.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



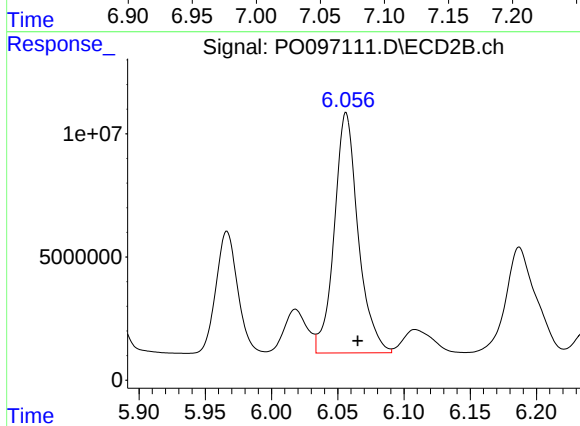
#27 AR-1254-2

R.T.: 5.652 min
Delta R.T.: -0.007 min
Response: 59273535
Conc: 899.72 ng/ml



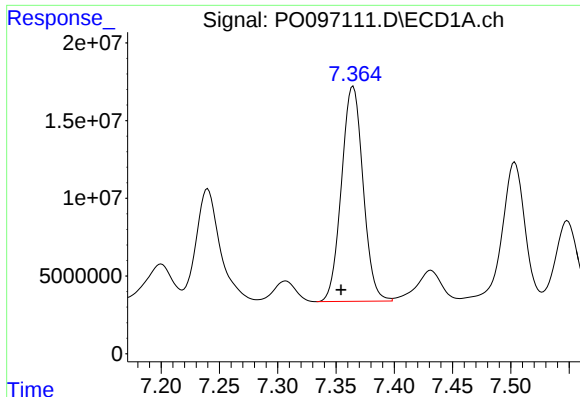
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: 0.010 min
Response: 220809090
Conc: 1409.15 ng/ml



#28 AR-1254-3

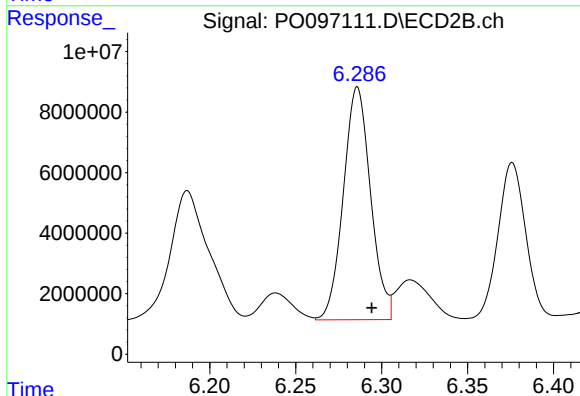
R.T.: 6.056 min
Delta R.T.: -0.009 min
Response: 122512254
Conc: 1212.24 ng/ml



#29 AR-1254-4

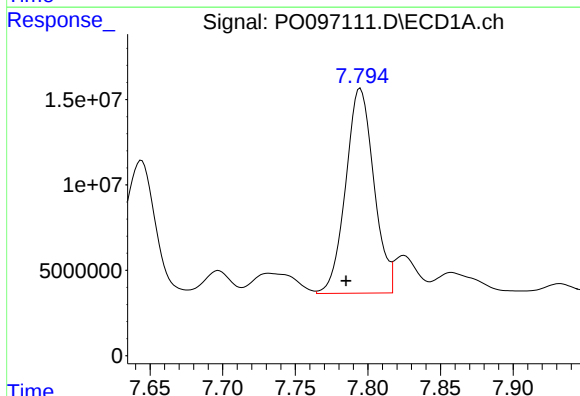
R.T.: 7.365 min
Delta R.T.: 0.010 min
Response: 178547296
Conc: 1770.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



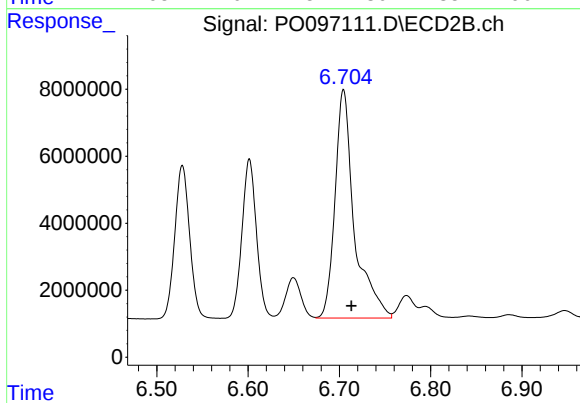
#29 AR-1254-4

R.T.: 6.286 min
Delta R.T.: -0.008 min
Response: 84939605
Conc: 1467.64 ng/ml



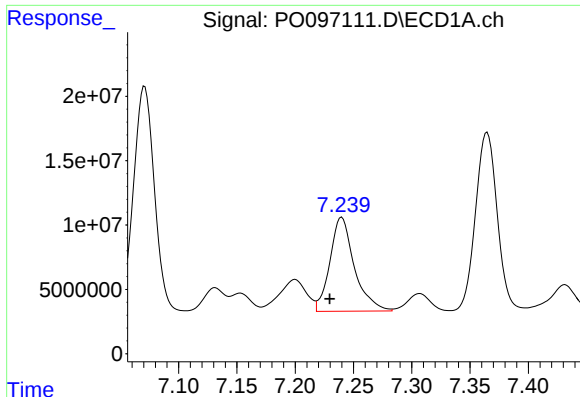
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: 0.010 min
Response: 161751051
Conc: 1441.45 ng/ml



#30 AR-1254-5

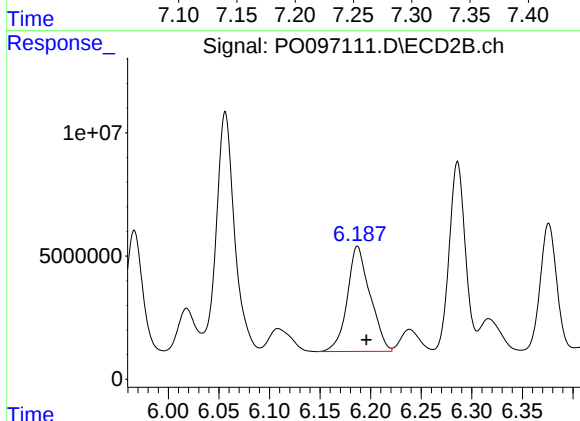
R.T.: 6.705 min
Delta R.T.: -0.008 min
Response: 100527483
Conc: 1143.46 ng/ml



#31 AR-1260-1

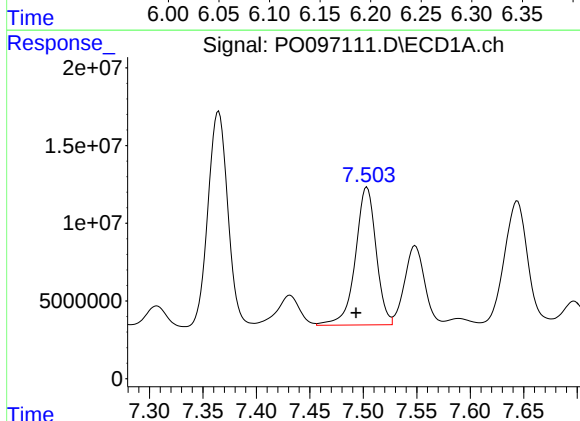
R.T.: 7.240 min
Delta R.T.: 0.010 min
Response: 106564257
Conc: 847.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



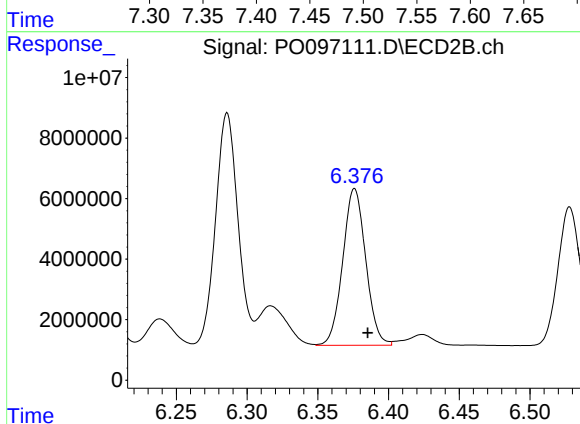
#31 AR-1260-1

R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 67085077
Conc: 953.35 ng/ml



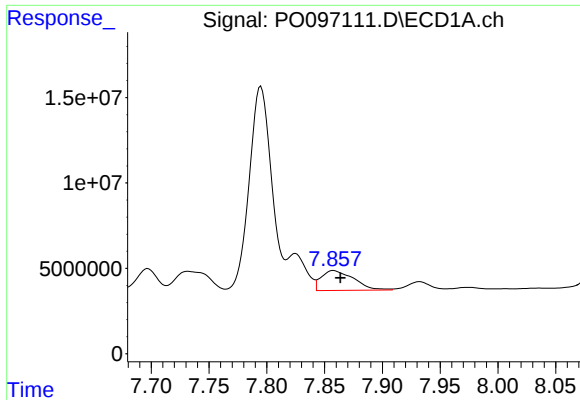
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.010 min
Response: 119567931
Conc: 887.43 ng/ml



#32 AR-1260-2

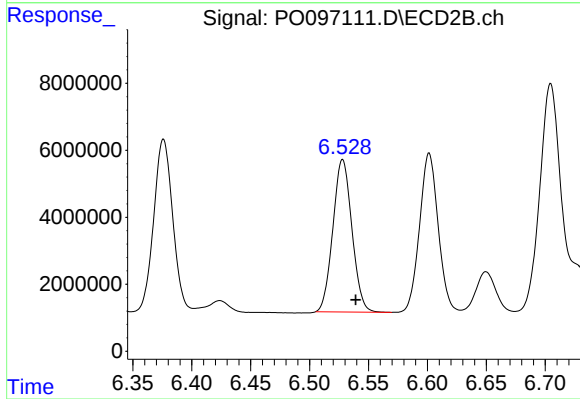
R.T.: 6.376 min
Delta R.T.: -0.009 min
Response: 58619259
Conc: 702.34 ng/ml



#33 AR-1260-3

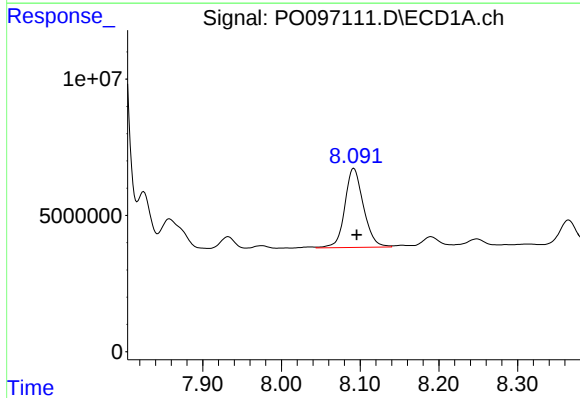
R.T.: 7.858 min
Delta R.T.: -0.006 min
Response: 22839430
Conc: 220.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



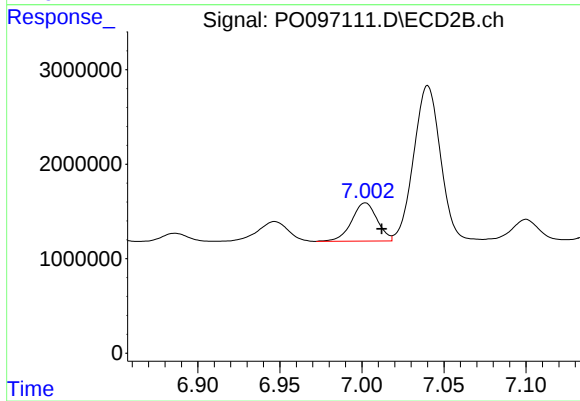
#33 AR-1260-3

R.T.: 6.528 min
Delta R.T.: -0.011 min
Response: 51079304
Conc: 661.48 ng/ml



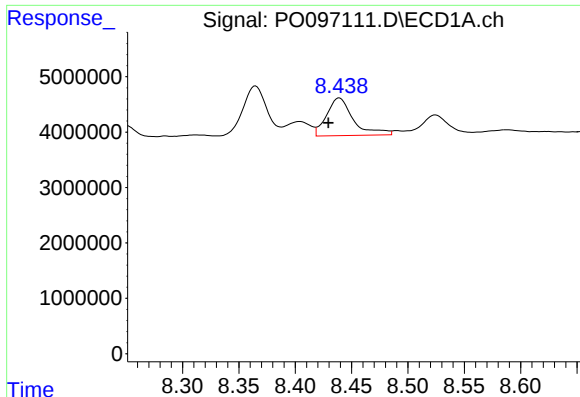
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 47698965
Conc: 426.63 ng/ml



#34 AR-1260-4

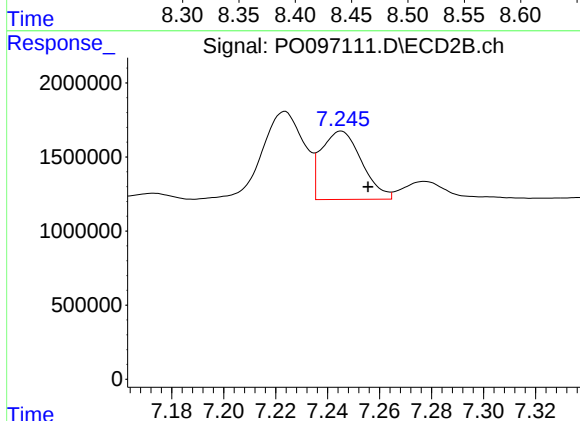
R.T.: 7.002 min
Delta R.T.: -0.010 min
Response: 4392611
Conc: 68.55 ng/ml



#35 AR-1260-5

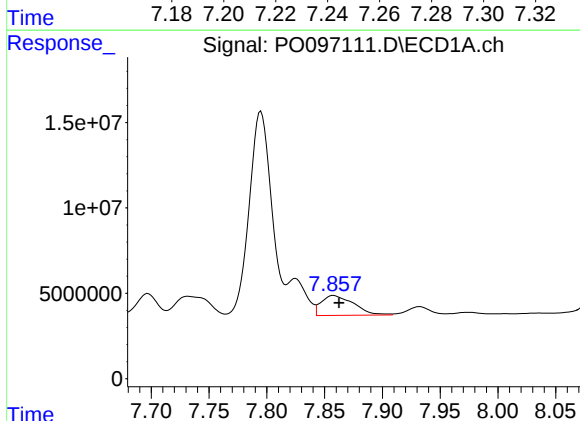
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 11227506
Conc: 53.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



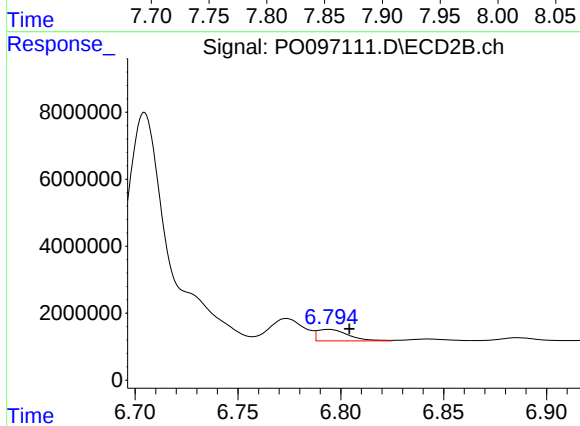
#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.010 min
Response: 4986421
Conc: 35.97 ng/ml



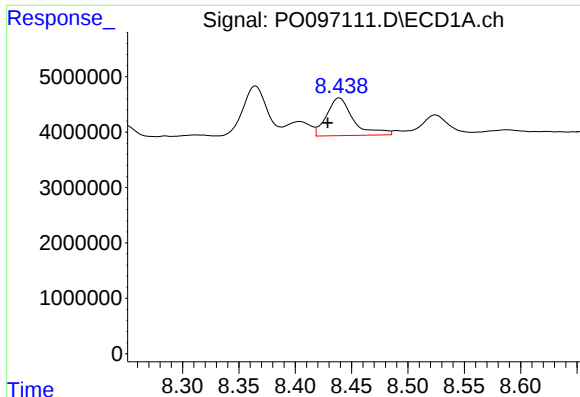
#36 AR-1262-1

R.T.: 7.858 min
Delta R.T.: -0.005 min
Response: 22839430
Conc: 153.77 ng/ml



#36 AR-1262-1

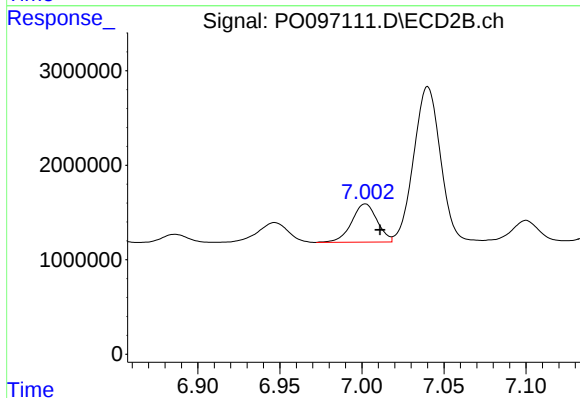
R.T.: 6.794 min
Delta R.T.: -0.010 min
Response: 3569033
Conc: 90.66 ng/ml



#37 AR-1262-2

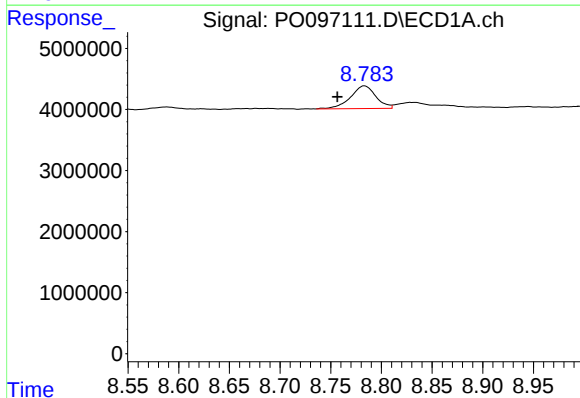
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 11227506
Conc: 48.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



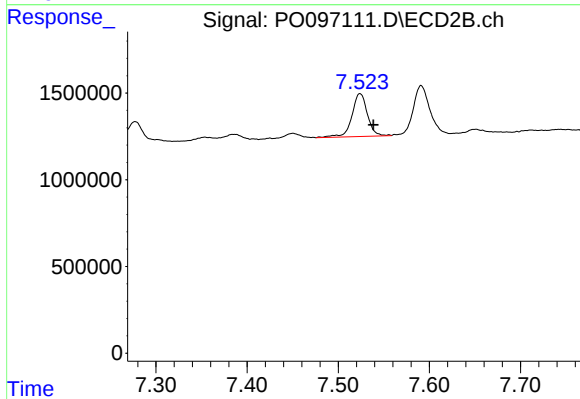
#37 AR-1262-2

R.T.: 7.002 min
Delta R.T.: -0.009 min
Response: 4392611
Conc: 54.16 ng/ml



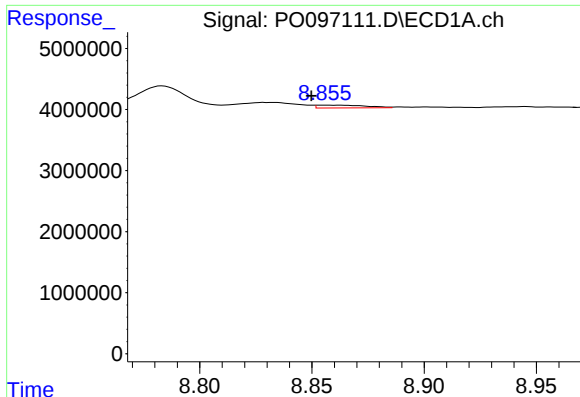
#38 AR-1262-3

R.T.: 8.783 min
Delta R.T.: 0.027 min
Response: 6454113
Conc: 38.69 ng/ml



#38 AR-1262-3

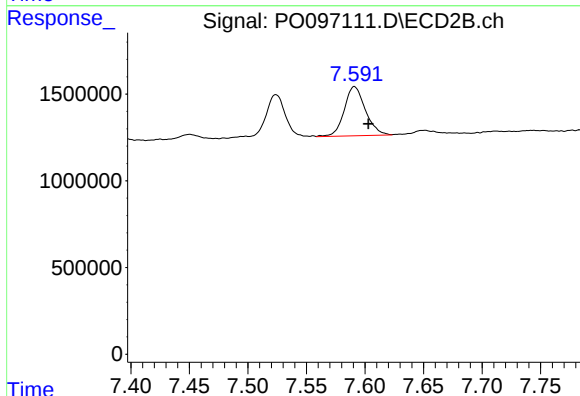
R.T.: 7.524 min
Delta R.T.: -0.015 min
Response: 2914094
Conc: 45.41 ng/ml



#39 AR-1262-4

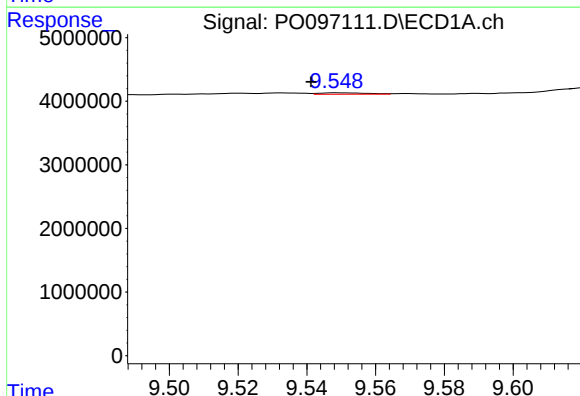
R.T.: 8.856 min
Delta R.T.: 0.006 min
Response: 682792
Conc: 9.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



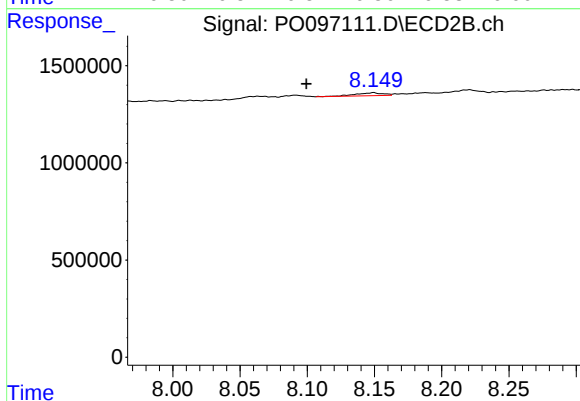
#39 AR-1262-4

R.T.: 7.591 min
Delta R.T.: -0.012 min
Response: 3564149
Conc: 31.37 ng/ml



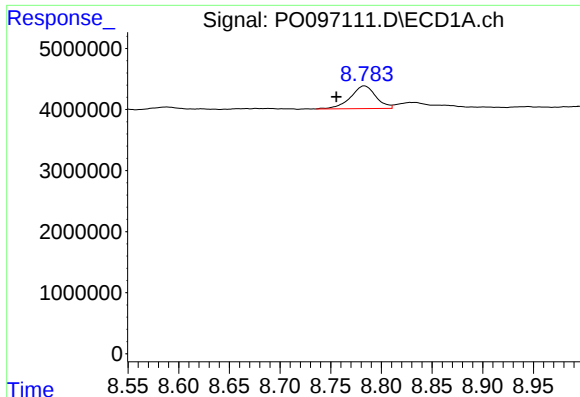
#40 AR-1262-5

R.T.: 9.549 min
Delta R.T.: 0.008 min
Response: 219855
Conc: 2.64 ng/ml



#40 AR-1262-5

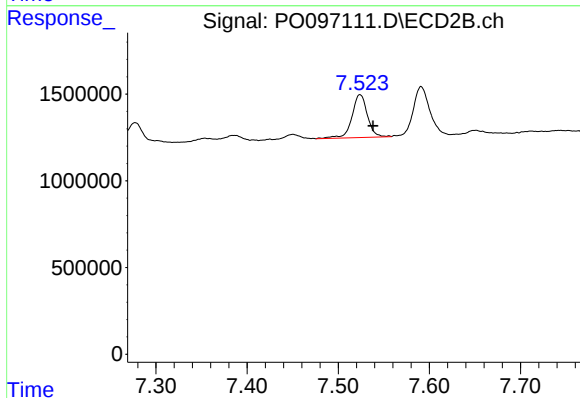
R.T.: 8.149 min
Delta R.T.: 0.050 min
Response: 223871
Conc: 4.26 ng/ml



#41 AR-1268-1

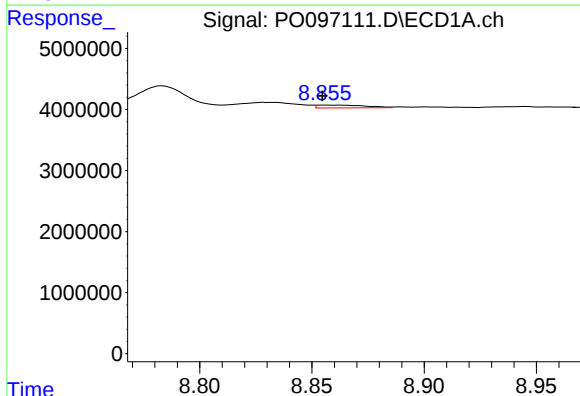
R.T.: 8.783 min
Delta R.T.: 0.028 min
Response: 6454113
Conc: 21.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



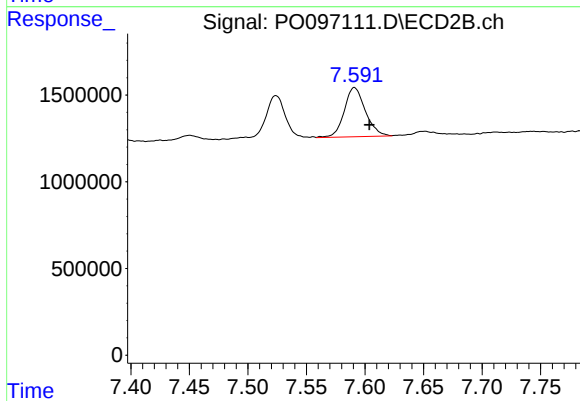
#41 AR-1268-1

R.T.: 7.524 min
Delta R.T.: -0.014 min
Response: 2914094
Conc: 15.73 ng/ml



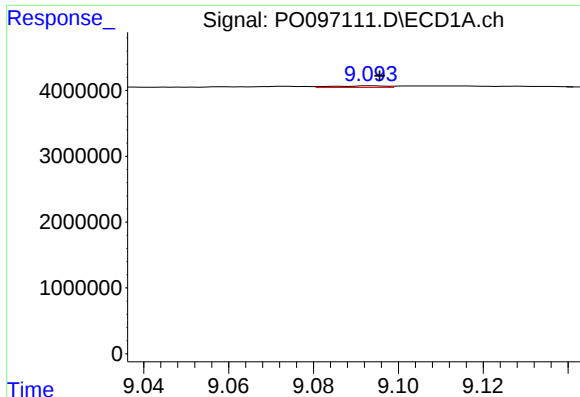
#42 AR-1268-2

R.T.: 8.856 min
Delta R.T.: 0.001 min
Response: 682792
Conc: 2.49 ng/ml



#42 AR-1268-2

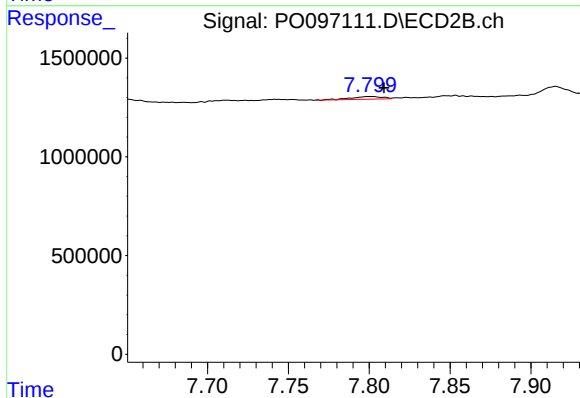
R.T.: 7.591 min
Delta R.T.: -0.013 min
Response: 3564149
Conc: 21.25 ng/ml



#43 AR-1268-3

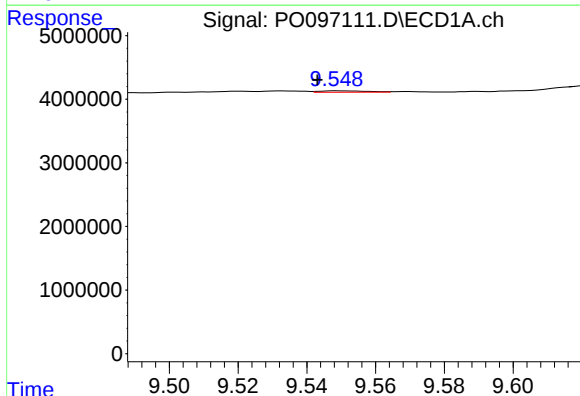
R.T.: 9.094 min
Delta R.T.: -0.002 min
Response: 207371
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



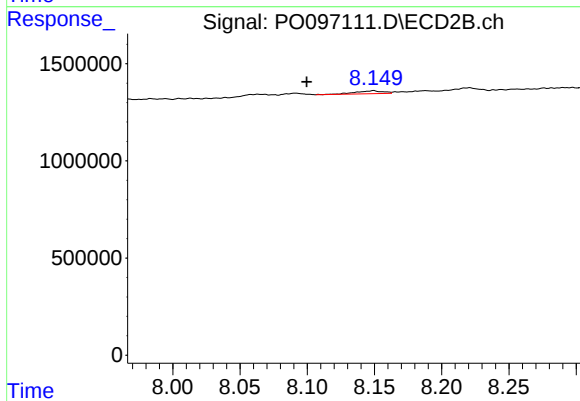
#43 AR-1268-3

R.T.: 7.801 min
Delta R.T.: -0.009 min
Response: 189860
Conc: 1.31 ng/ml



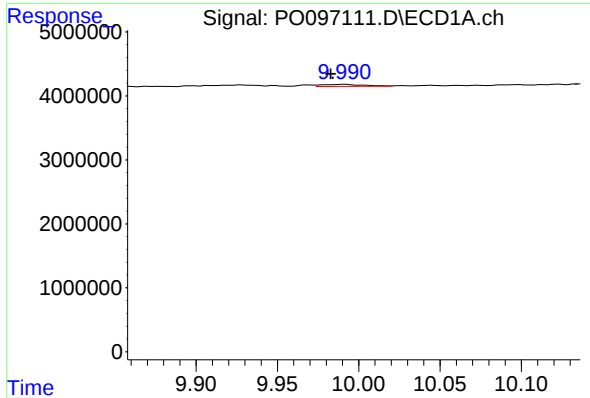
#44 AR-1268-4

R.T.: 9.549 min
Delta R.T.: 0.006 min
Response: 219855
Conc: 2.37 ng/ml



#44 AR-1268-4

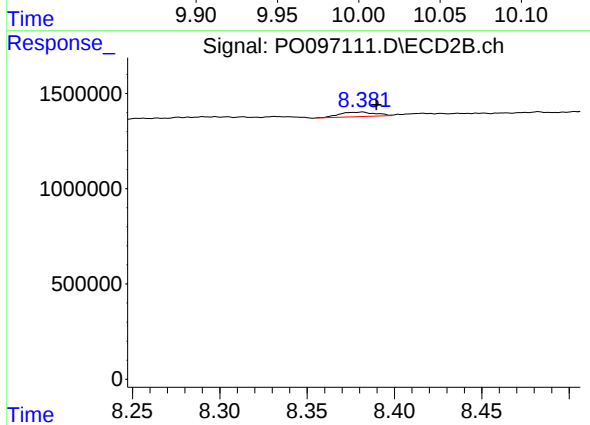
R.T.: 8.149 min
Delta R.T.: 0.050 min
Response: 223871
Conc: 3.76 ng/ml



#45 AR-1268-5

R.T.: 9.991 min
Delta R.T.: 0.008 min
Response: 537244
Conc: 0.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.381 min
Delta R.T.: -0.008 min
Response: 341561
Conc: 0.82 ng/ml