

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
 Data File : P0099579.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 13:30
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 22:28:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0110923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 10 11:13:12 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...	4.493	3.722	90535277	65661359	52.591	54.161
2) SA Decachlor...	10.379	8.839	35532047	40963848	55.666	55.770
Target Compounds						
3) L1 AR-1016-1	5.681	4.831	12280791	10932238	316.004	406.557 #
4) L1 AR-1016-2	5.705	4.850	17245247	10326804	269.263	283.320
5) L1 AR-1016-3	5.767	5.032	8985434	9089641	207.360	453.548 #
6) L1 AR-1016-4	5.865	5.072	8683005	13721103	279.407	825.659 #
7) L1 AR-1016-5	6.164	5.290	22028035	16555218	724.323	801.411
8) L2 AR-1221-1	4.702	3.946	172854	376373	9.075	25.690 #
9) L2 AR-1221-2	4.803	4.028	1657334	911390	117.654	99.513
10) L2 AR-1221-3	4.871	4.106	1367826	988284	32.985	31.933
11) L3 AR-1232-1	4.871	4.106	1367826	988284	40.604	38.231
12) L3 AR-1232-2	5.408	4.850	6621313	10326804	396.797	596.154 #
13) L3 AR-1232-3	5.705	5.032	17245247	9089641	607.908	1035.004 #
14) L3 AR-1232-4	5.865	5.115	8683005	15074259	643.777	1858.548 #
15) L3 AR-1232-5	5.957	5.290	20258723	16555218	1766.973	1935.376
16) L4 AR-1242-1	5.681	4.831	12280791	10932238	391.612	494.036 #
17) L4 AR-1242-2	5.705	4.850	17245247	10326804	334.316	346.824
18) L4 AR-1242-3	5.767	5.032	8985434	9089641	257.821	550.934 #
19) L4 AR-1242-4	5.865	5.115	8683005	15074259	343.357	894.711 #
20) L4 AR-1242-5	6.614	5.646	20689588	18416958	1011.254	1054.986
21) L5 AR-1248-1	5.681	4.831	12280791	10932238	520.061	633.259
22) L5 AR-1248-2	5.957	5.072	20258723	13721103	521.029	582.830
23) L5 AR-1248-3	6.164	5.115	22028035	15074259	530.941	608.527
24) L5 AR-1248-4	6.574	5.290	21145141	16555218	550.514	600.473
25) L5 AR-1248-5	6.614	5.688	20689588	13726083	545.602	601.529
26) L6 AR-1254-1	6.546	5.646	17249361	18416958	383.289	506.312 #
27) L6 AR-1254-2	6.771	5.797	19981133	6426638	316.849	197.834 #
28) L6 AR-1254-3	7.139	6.206	11100149	8677876	190.578	160.041
29) L6 AR-1254-4	7.428	6.437	5261533	5281117	154.381	187.526
30) L6 AR-1254-5	7.852	6.859	1376064	1840252	35.168	37.768
31) L7 AR-1260-1	7.305	6.354	1134775	4152602	22.831	96.283 #
32) L7 AR-1260-2	7.566	6.526	1242693	1015635	24.329	21.676
33) L7 AR-1260-3	7.935	6.683	57890	1144932	1.615	25.085 #
34) L7 AR-1260-4	8.146	7.163	951491	194003	24.103	5.279 #
35) L7 AR-1260-5	8.483	7.404	305604	342768	5.101	4.703
36) L8 AR-1262-1	7.852	6.859	1376064	1840252	43.564	74.866 #
37) L8 AR-1262-2	8.483	7.163	305604	194003	4.131	3.914
38) L8 AR-1262-3	8.828	7.732f	229794	930686	4.474	25.172 #
39) L8 AR-1262-4	8.902	7.756	148038	564490	3.808	8.788 #
40) L8 AR-1262-5	9.580	8.252	98753	46931	4.646	1.708 #
41) L9 AR-1268-1	8.828	7.732f	229794	930686	2.282	8.466 #

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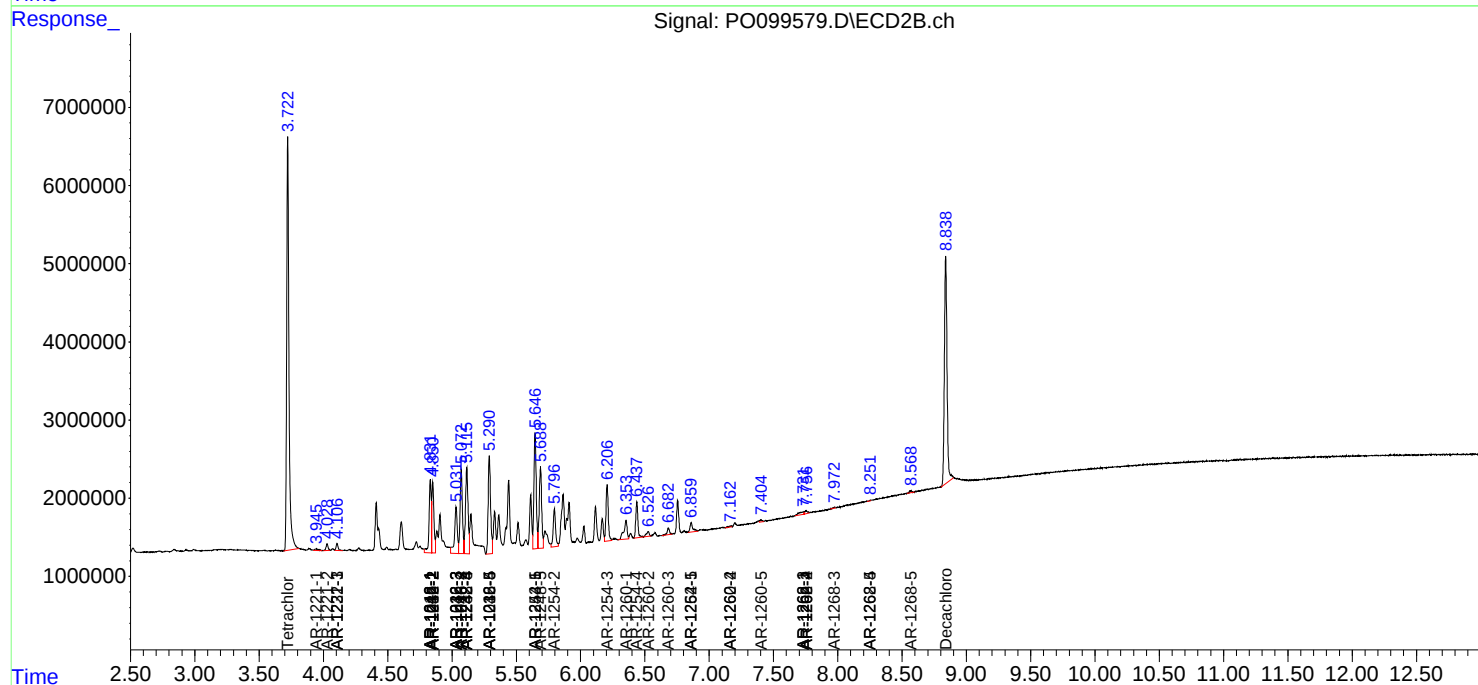
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

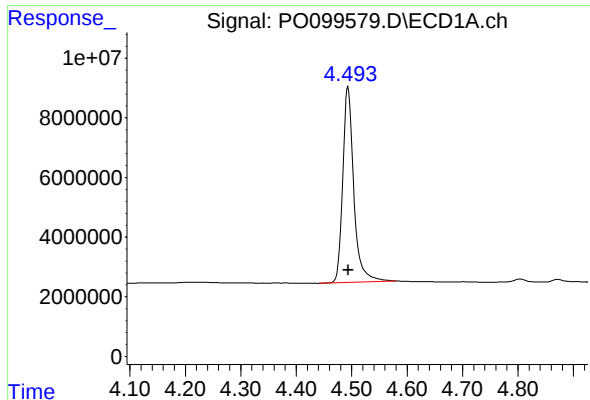
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.902	7.756	148038	564490	1.745	5.725 #
43) L9	AR-1268-3	9.153	7.972	55643	115820	0.652	1.223 #
44) L9	AR-1268-4	9.598	8.252	89267	46931	3.672	1.567 #
45) L9	AR-1268-5	10.028	8.569	251039	323776	1.181	1.287

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

Instrument :
ECD_O
ClientSampleId :

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

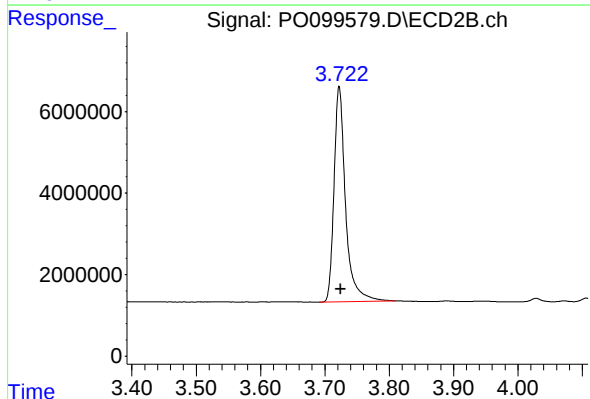




#1 Tetrachloro-m-xylene

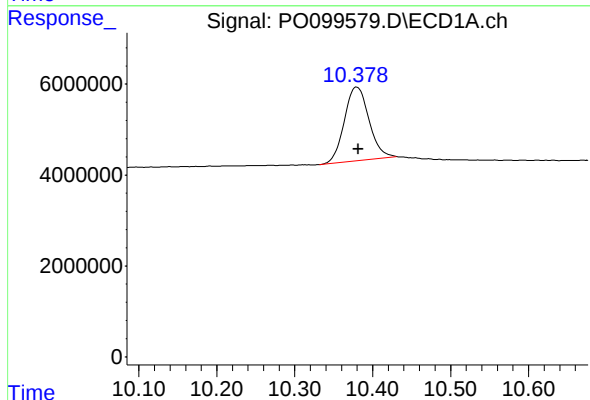
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 90535277
Conc: 52.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



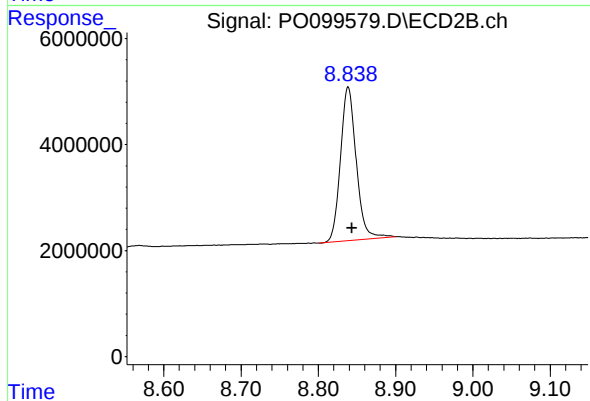
#1 Tetrachloro-m-xylene

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 65661359
Conc: 54.16 ng/ml



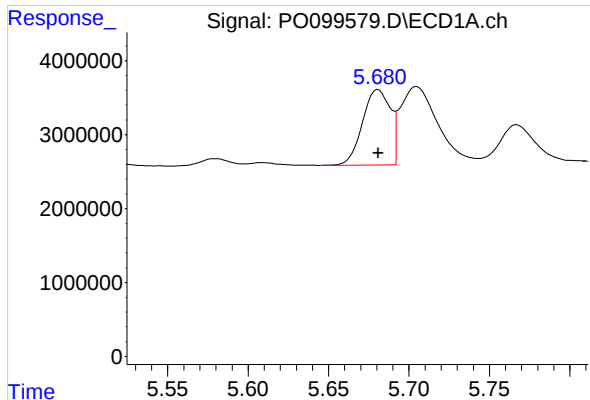
#2 Decachlorobiphenyl

R.T.: 10.379 min
Delta R.T.: -0.002 min
Response: 35532047
Conc: 55.67 ng/ml



#2 Decachlorobiphenyl

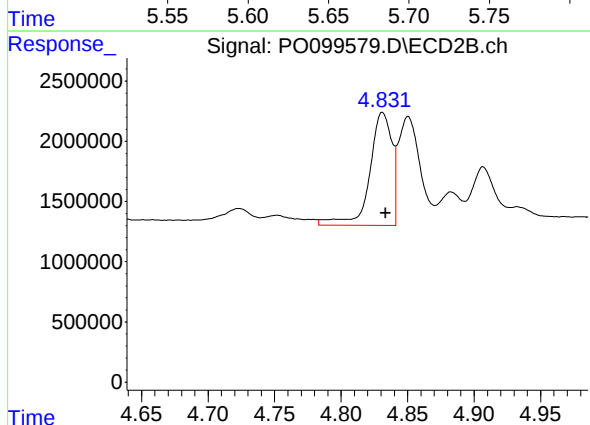
R.T.: 8.839 min
Delta R.T.: -0.005 min
Response: 40963848
Conc: 55.77 ng/ml



#3 AR-1016-1

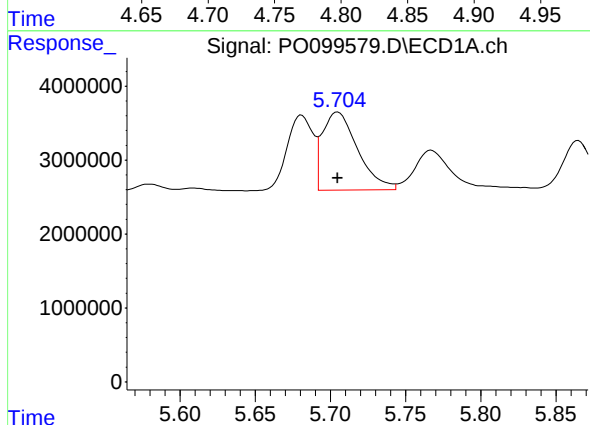
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 12280791
Conc: 316.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



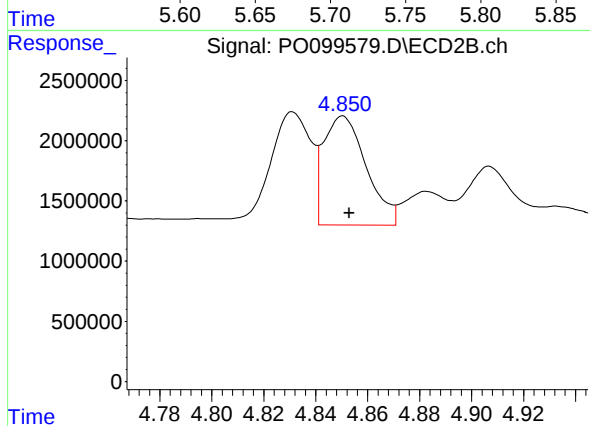
#3 AR-1016-1

R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 10932238
Conc: 406.56 ng/ml



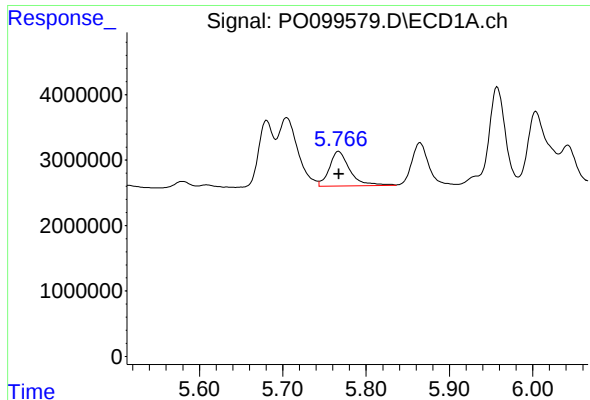
#4 AR-1016-2

R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 17245247
Conc: 269.26 ng/ml



#4 AR-1016-2

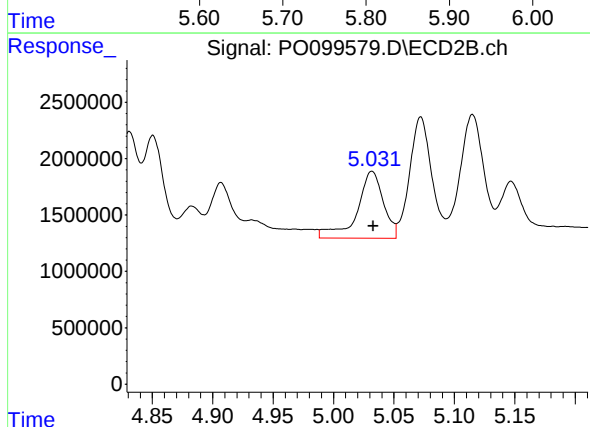
R.T.: 4.850 min
Delta R.T.: -0.002 min
Response: 10326804
Conc: 283.32 ng/ml



#5 AR-1016-3

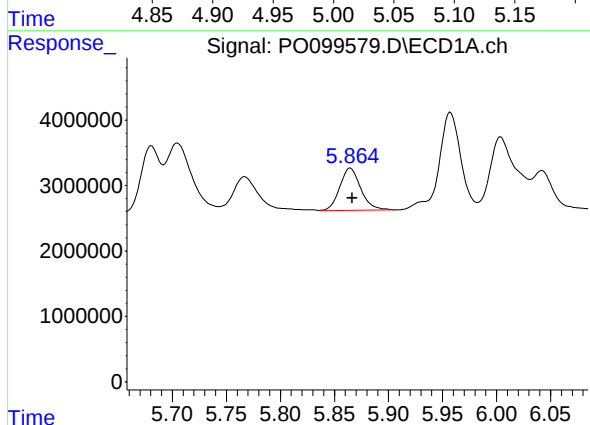
R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 8985434
Conc: 207.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



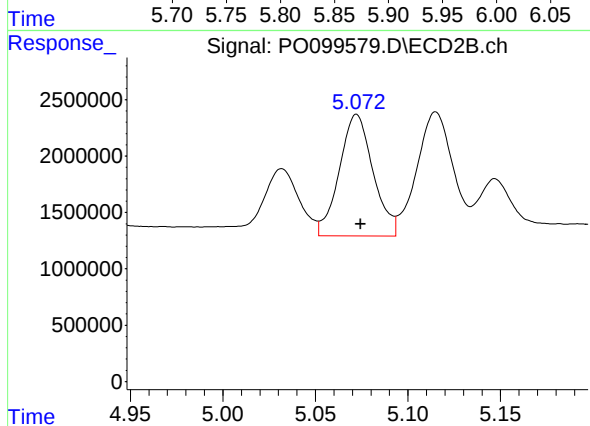
#5 AR-1016-3

R.T.: 5.032 min
Delta R.T.: -0.001 min
Response: 9089641
Conc: 453.55 ng/ml



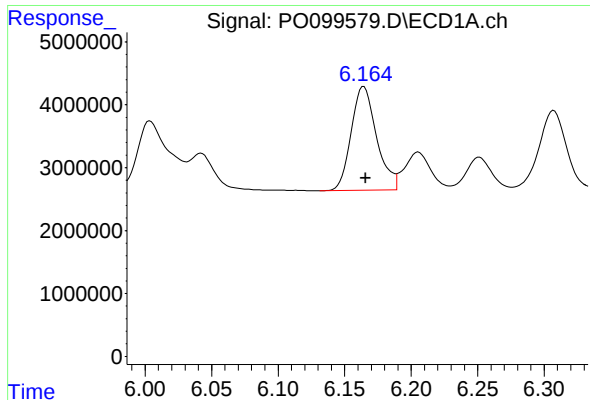
#6 AR-1016-4

R.T.: 5.865 min
Delta R.T.: -0.002 min
Response: 8683005
Conc: 279.41 ng/ml



#6 AR-1016-4

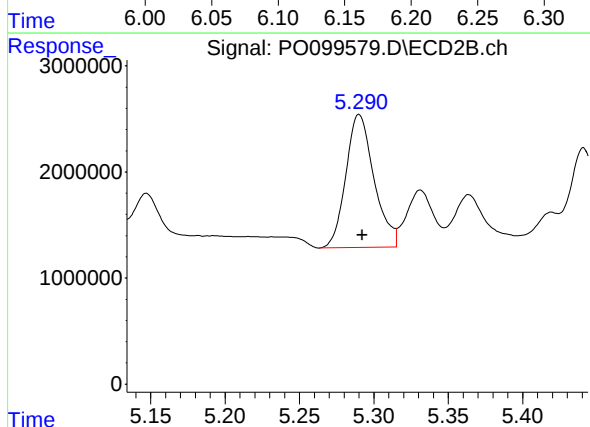
R.T.: 5.072 min
Delta R.T.: -0.002 min
Response: 13721103
Conc: 825.66 ng/ml



#7 AR-1016-5

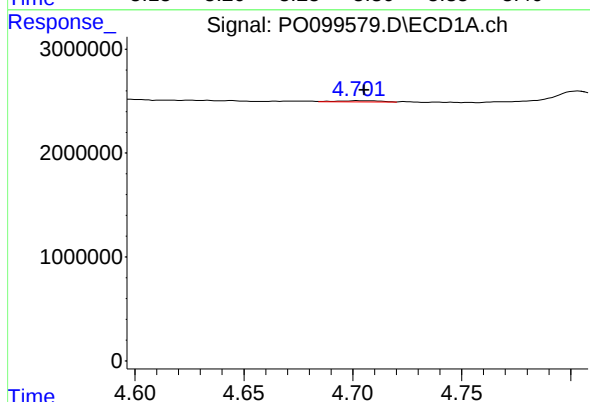
R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 22028035
Conc: 724.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



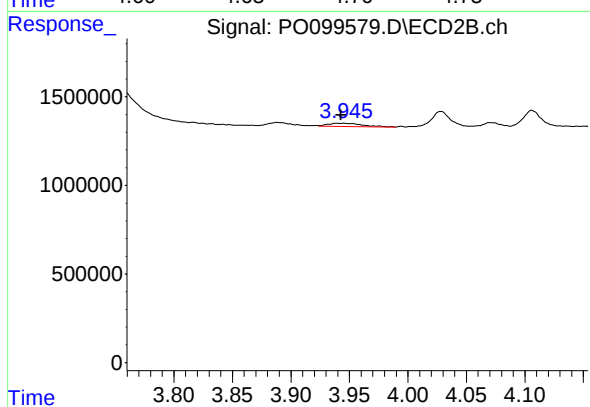
#7 AR-1016-5

R.T.: 5.290 min
Delta R.T.: -0.002 min
Response: 16555218
Conc: 801.41 ng/ml



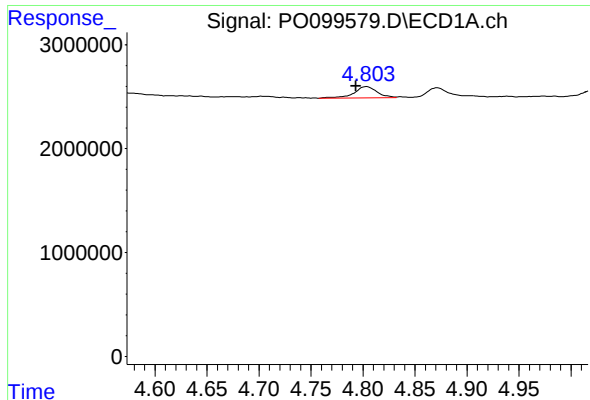
#8 AR-1221-1

R.T.: 4.702 min
Delta R.T.: -0.003 min
Response: 172854
Conc: 9.08 ng/ml



#8 AR-1221-1

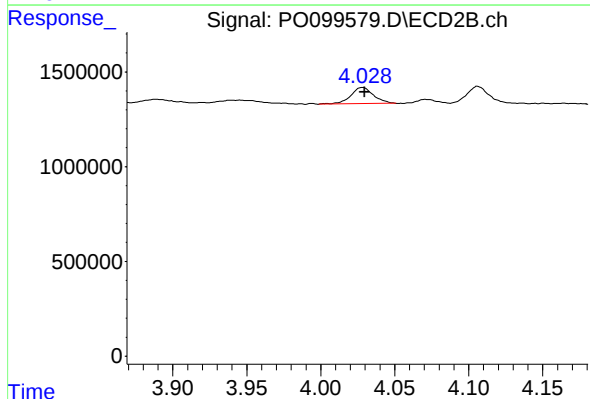
R.T.: 3.946 min
Delta R.T.: 0.003 min
Response: 376373
Conc: 25.69 ng/ml



#9 AR-1221-2

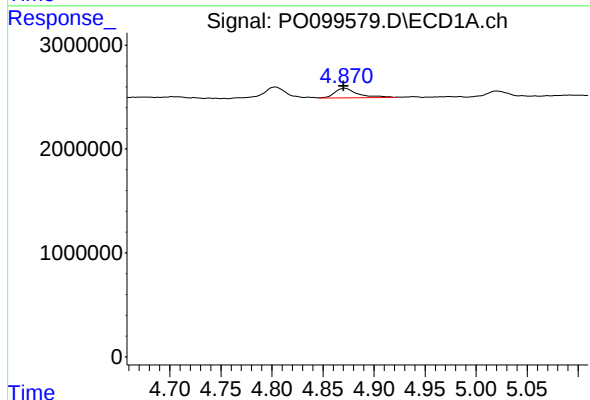
R.T.: 4.803 min
Delta R.T.: 0.010 min
Response: 1657334
Conc: 117.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



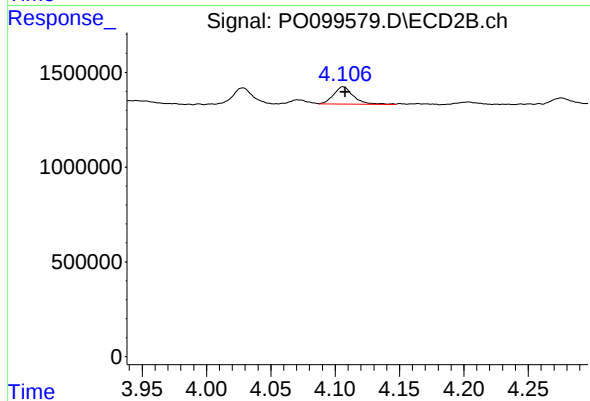
#9 AR-1221-2

R.T.: 4.028 min
Delta R.T.: -0.001 min
Response: 911390
Conc: 99.51 ng/ml



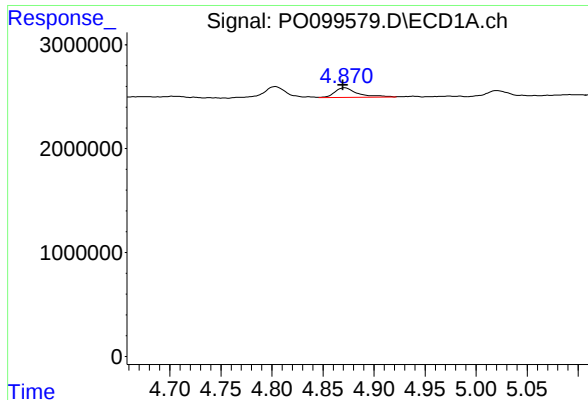
#10 AR-1221-3

R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 1367826
Conc: 32.98 ng/ml



#10 AR-1221-3

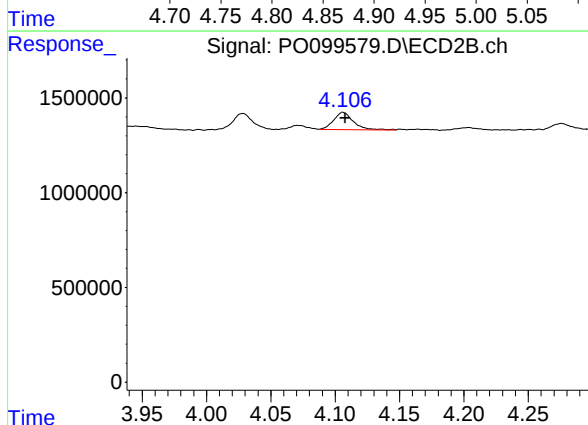
R.T.: 4.106 min
Delta R.T.: -0.002 min
Response: 988284
Conc: 31.93 ng/ml



#11 AR-1232-1

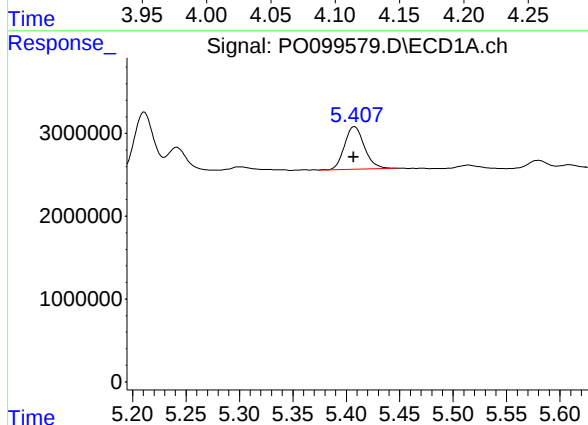
R.T.: 4.871 min
Delta R.T.: 0.002 min
Response: 1367826
Conc: 40.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



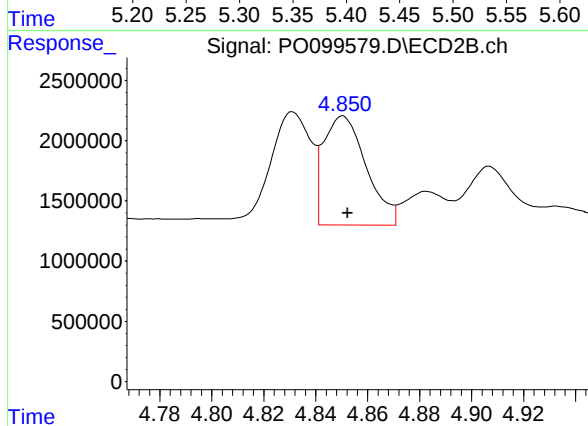
#11 AR-1232-1

R.T.: 4.106 min
Delta R.T.: -0.002 min
Response: 988284
Conc: 38.23 ng/ml



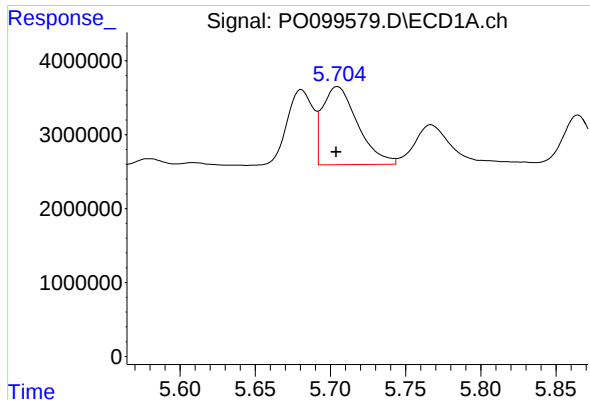
#12 AR-1232-2

R.T.: 5.408 min
Delta R.T.: 0.000 min
Response: 6621313
Conc: 396.80 ng/ml



#12 AR-1232-2

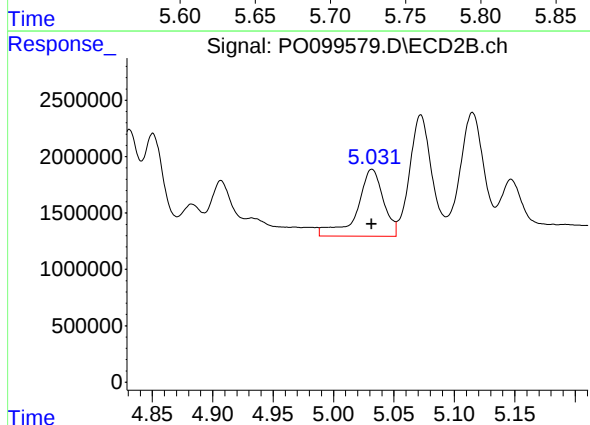
R.T.: 4.850 min
Delta R.T.: -0.002 min
Response: 10326804
Conc: 596.15 ng/ml



#13 AR-1232-3

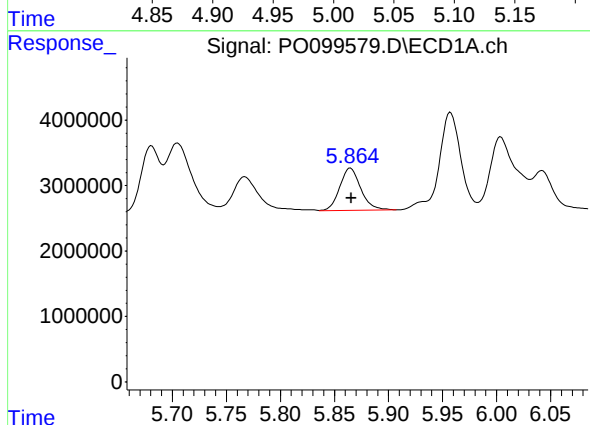
R.T.: 5.705 min
Delta R.T.: 0.001 min
Response: 17245247
Conc: 607.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



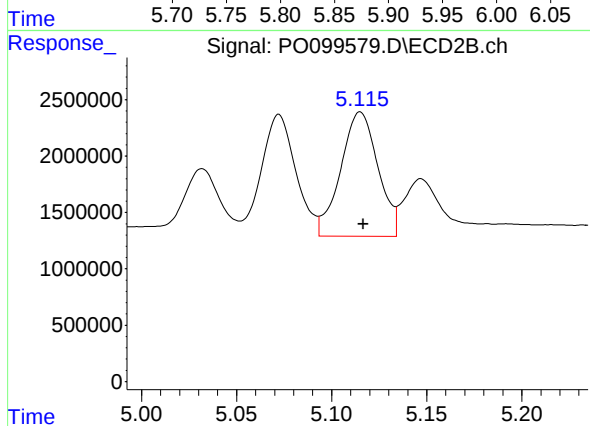
#13 AR-1232-3

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 9089641
Conc: 1035.00 ng/ml



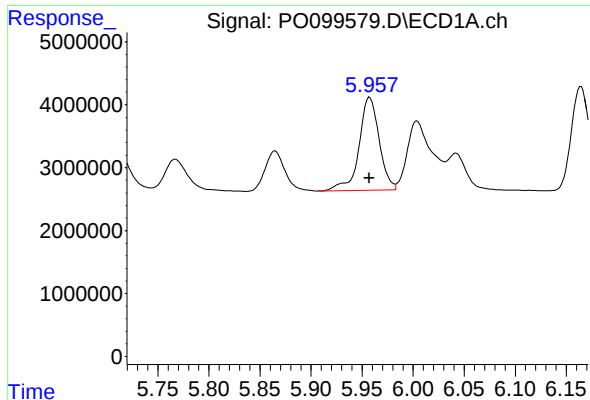
#14 AR-1232-4

R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 8683005
Conc: 643.78 ng/ml



#14 AR-1232-4

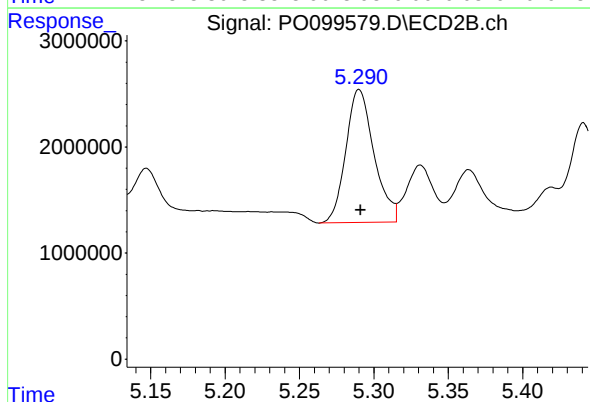
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 15074259
Conc: 1858.55 ng/ml



#15 AR-1232-5

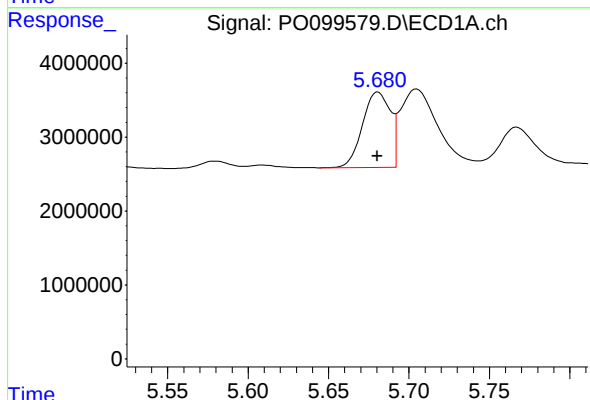
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 20258723
Conc: 1766.97 ng/ml

Instrument :
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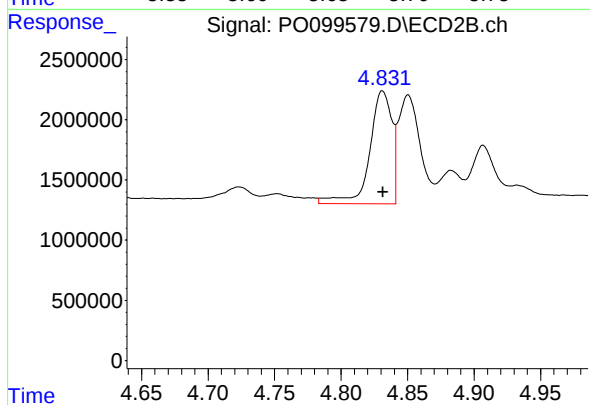
#15 AR-1232-5

R.T.: 5.290 min
Delta R.T.: 0.000 min
Response: 16555218
Conc: 1935.38 ng/ml



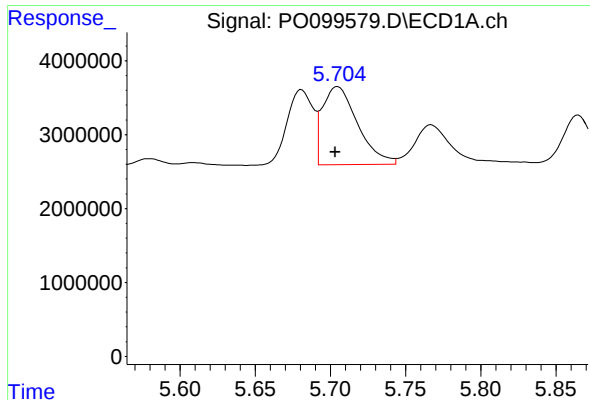
#16 AR-1242-1

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 12280791
Conc: 391.61 ng/ml



#16 AR-1242-1

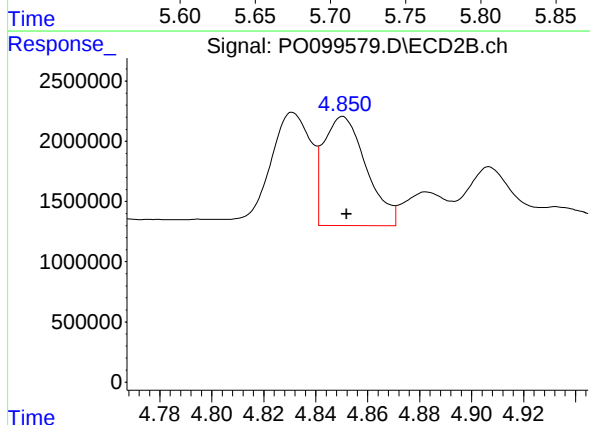
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 10932238
Conc: 494.04 ng/ml



#17 AR-1242-2

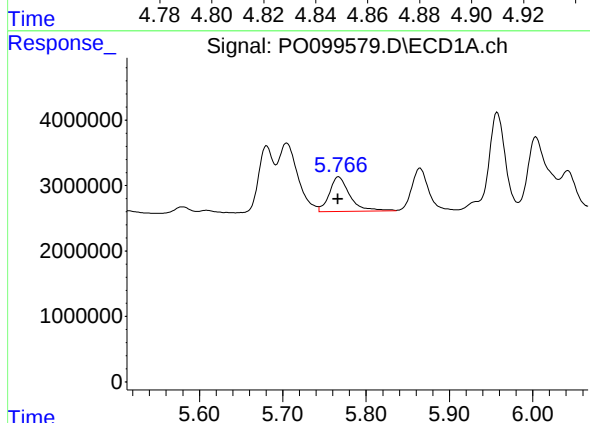
R.T.: 5.705 min
Delta R.T.: 0.002 min
Response: 17245247
Conc: 334.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



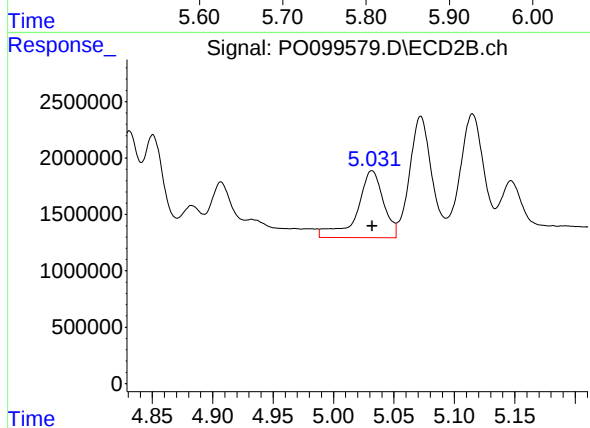
#17 AR-1242-2

R.T.: 4.850 min
Delta R.T.: -0.001 min
Response: 10326804
Conc: 346.82 ng/ml



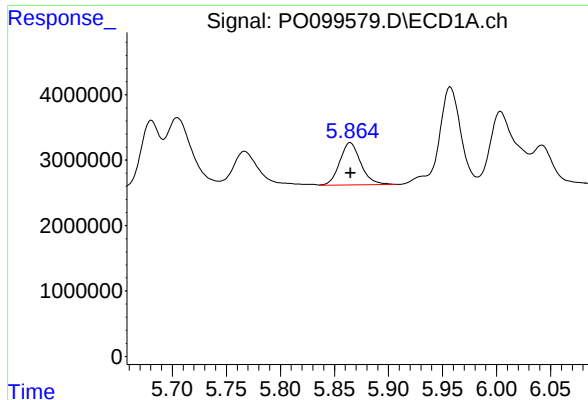
#18 AR-1242-3

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 8985434
Conc: 257.82 ng/ml



#18 AR-1242-3

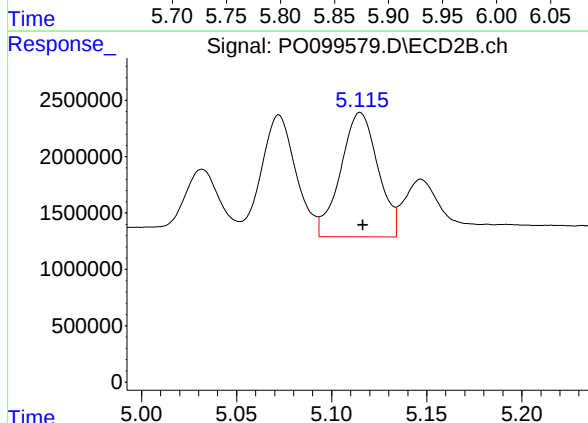
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 9089641
Conc: 550.93 ng/ml



#19 AR-1242-4

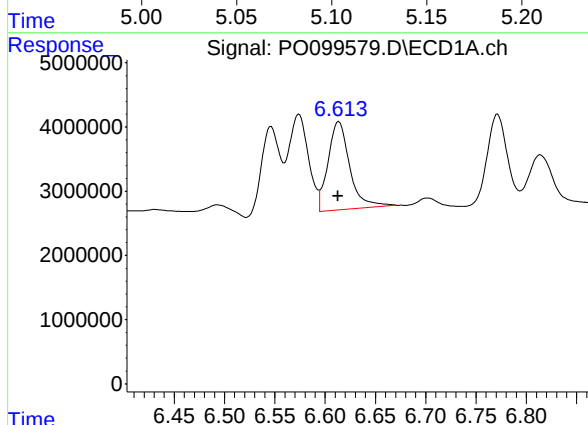
R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 8683005
Conc: 343.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



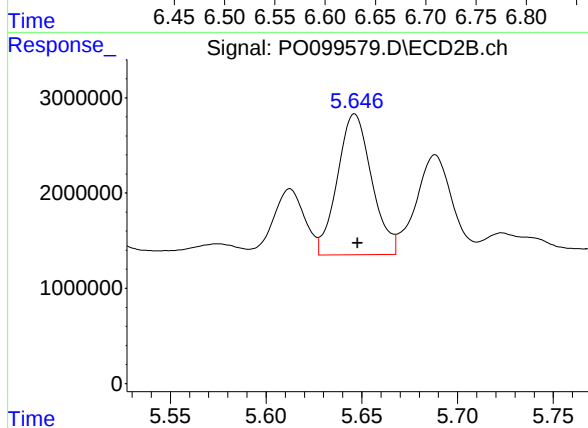
#19 AR-1242-4

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 15074259
Conc: 894.71 ng/ml



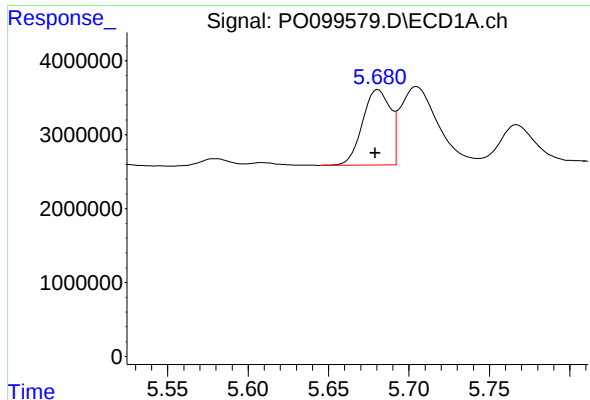
#20 AR-1242-5

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 20689588
Conc: 1011.25 ng/ml



#20 AR-1242-5

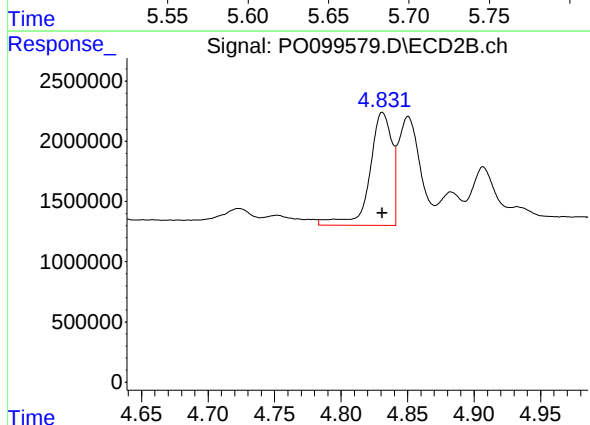
R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 18416958
Conc: 1054.99 ng/ml



#21 AR-1248-1

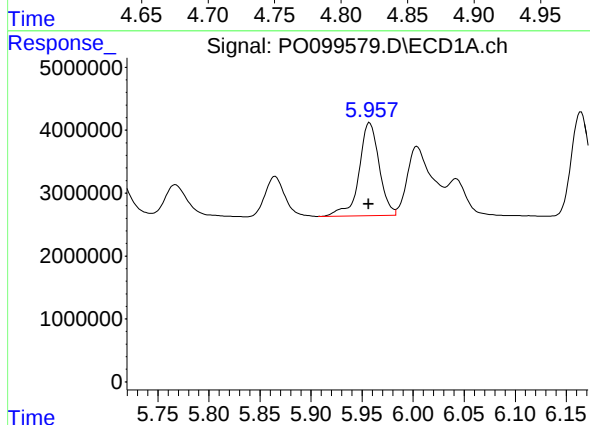
R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 12280791
Conc: 520.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



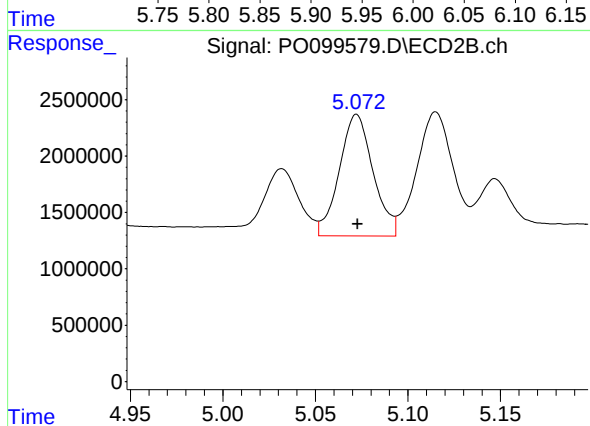
#21 AR-1248-1

R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 10932238
Conc: 633.26 ng/ml



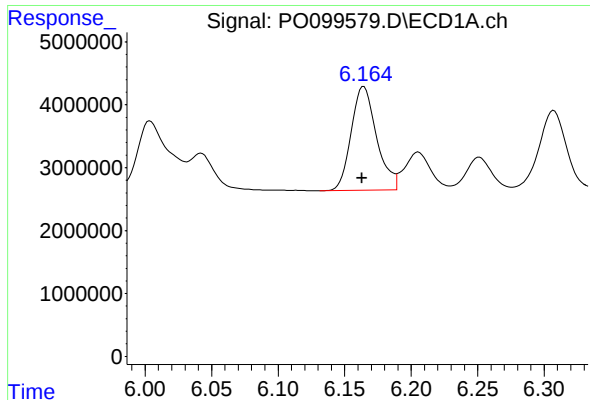
#22 AR-1248-2

R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 20258723
Conc: 521.03 ng/ml



#22 AR-1248-2

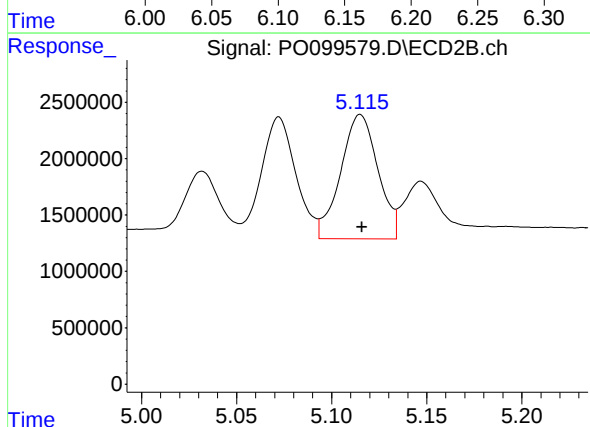
R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 13721103
Conc: 582.83 ng/ml



#23 AR-1248-3

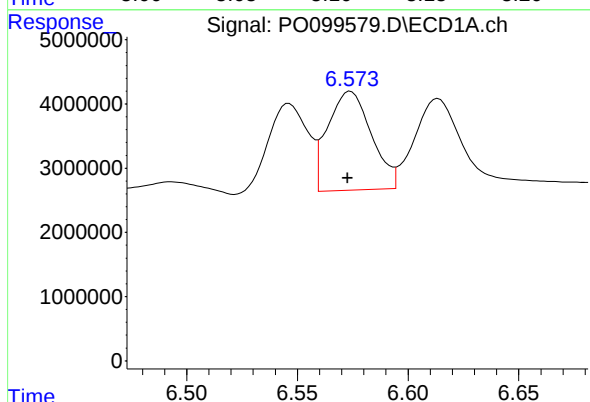
R.T.: 6.164 min
Delta R.T.: 0.001 min
Response: 22028035
Conc: 530.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



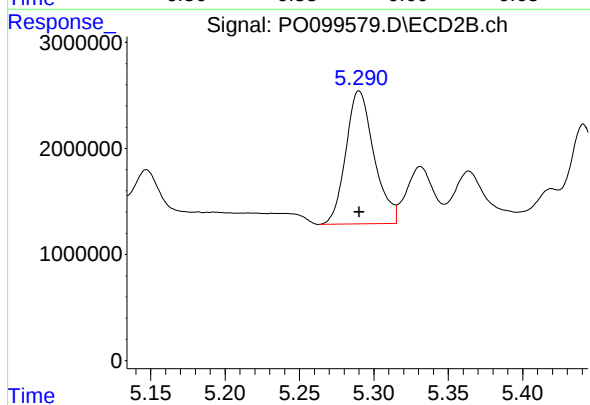
#23 AR-1248-3

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 15074259
Conc: 608.53 ng/ml



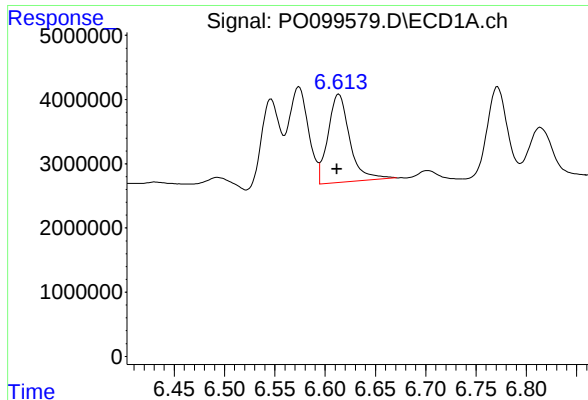
#24 AR-1248-4

R.T.: 6.574 min
Delta R.T.: 0.001 min
Response: 21145141
Conc: 550.51 ng/ml



#24 AR-1248-4

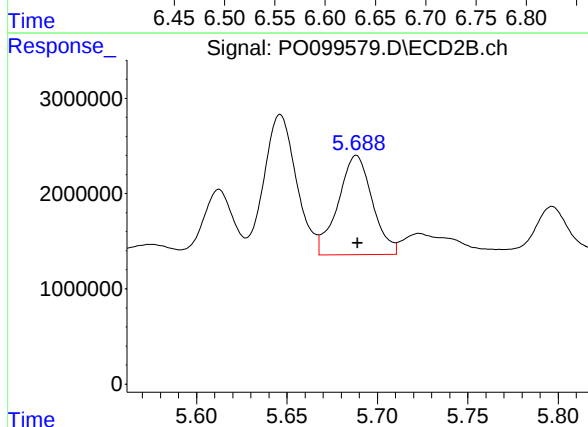
R.T.: 5.290 min
Delta R.T.: 0.000 min
Response: 16555218
Conc: 600.47 ng/ml



#25 AR-1248-5

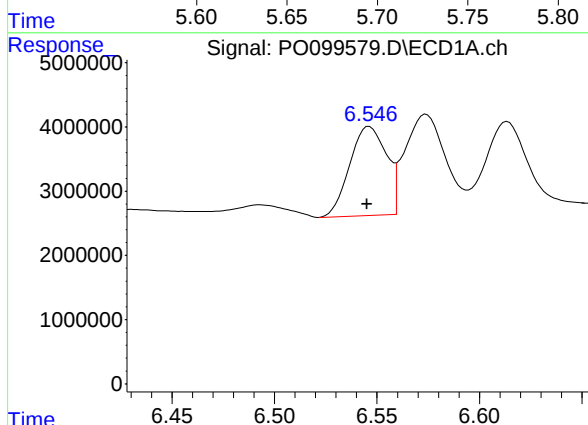
R.T.: 6.614 min
Delta R.T.: 0.002 min
Response: 20689588
Conc: 545.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



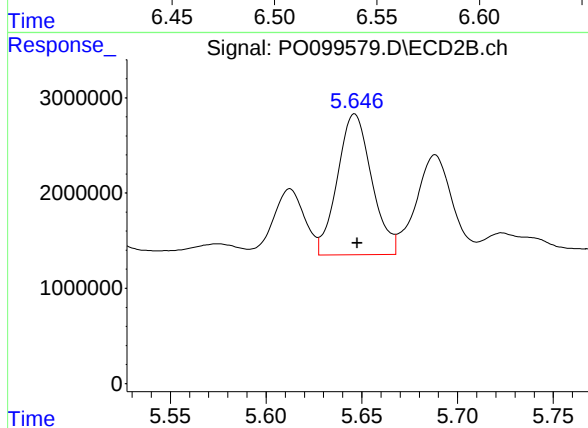
#25 AR-1248-5

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 13726083
Conc: 601.53 ng/ml



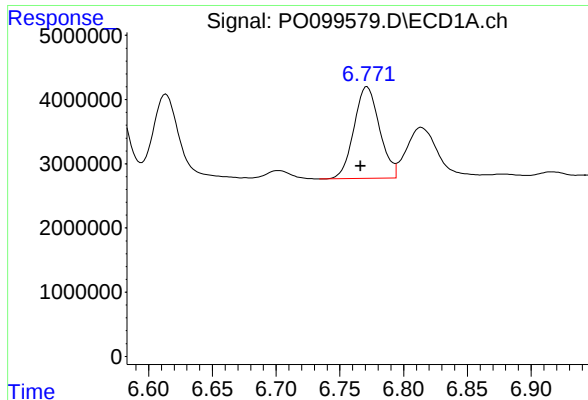
#26 AR-1254-1

R.T.: 6.546 min
Delta R.T.: 0.001 min
Response: 17249361
Conc: 383.29 ng/ml



#26 AR-1254-1

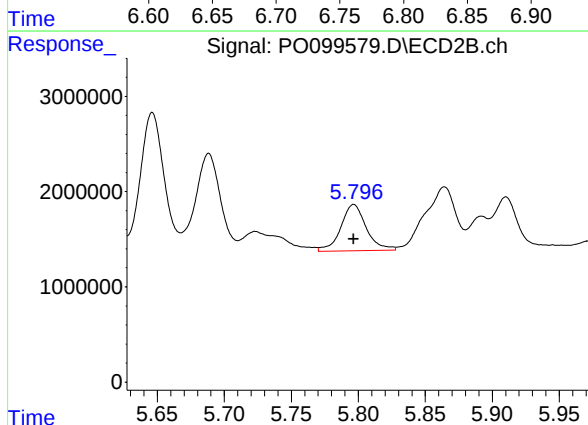
R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 18416958
Conc: 506.31 ng/ml



#27 AR-1254-2

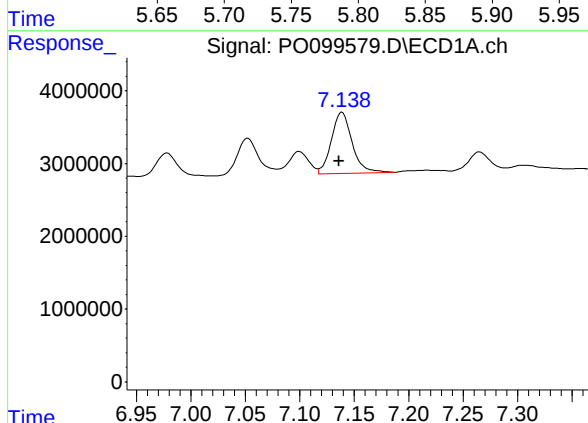
R.T.: 6.771 min
Delta R.T.: 0.005 min
Response: 19981133
Conc: 316.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



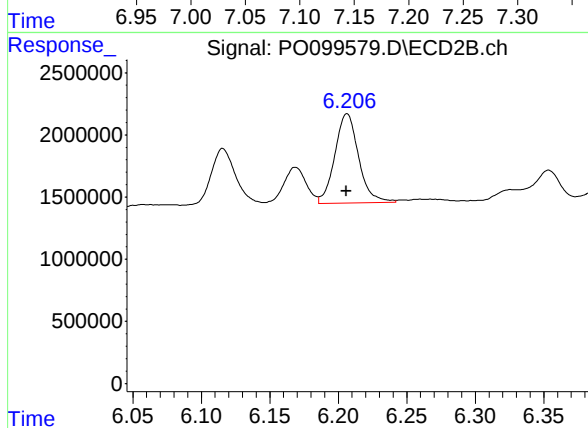
#27 AR-1254-2

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 6426638
Conc: 197.83 ng/ml



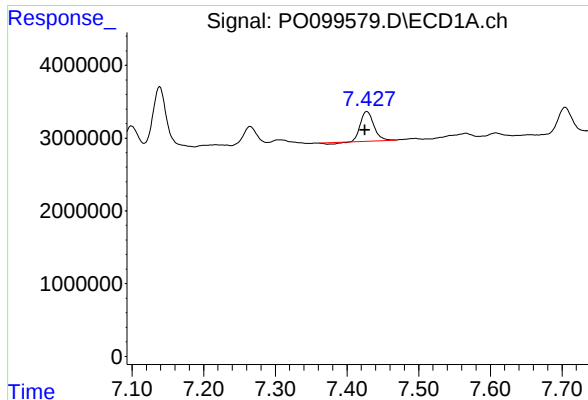
#28 AR-1254-3

R.T.: 7.139 min
Delta R.T.: 0.003 min
Response: 11100149
Conc: 190.58 ng/ml



#28 AR-1254-3

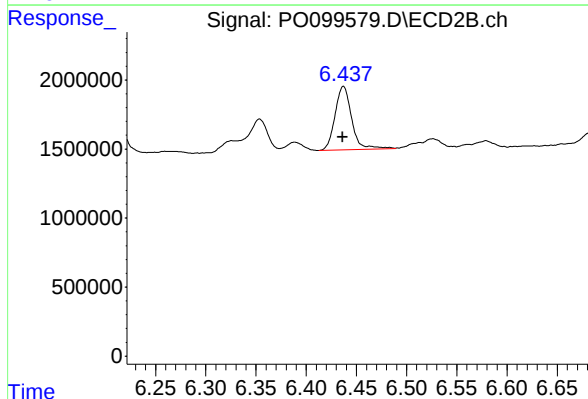
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 8677876
Conc: 160.04 ng/ml



#29 AR-1254-4

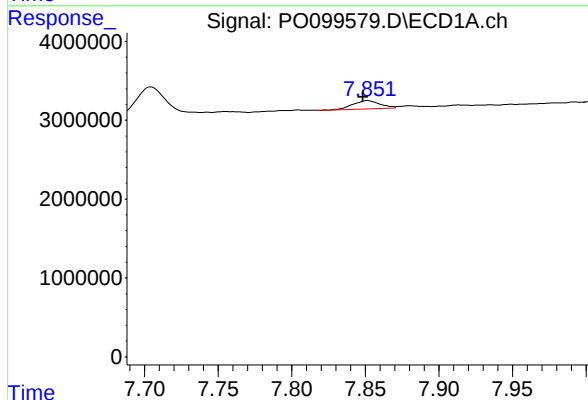
R.T.: 7.428 min
Delta R.T.: 0.003 min
Response: 5261533
Conc: 154.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



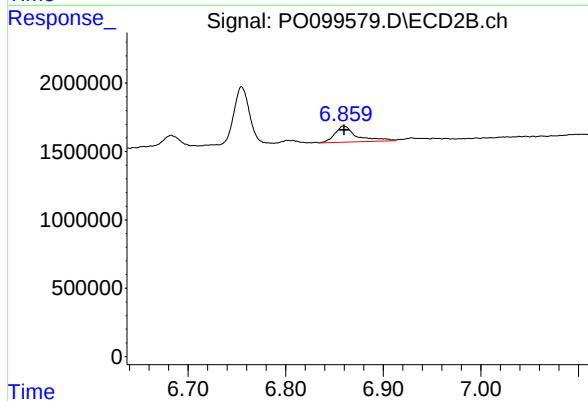
#29 AR-1254-4

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 5281117
Conc: 187.53 ng/ml



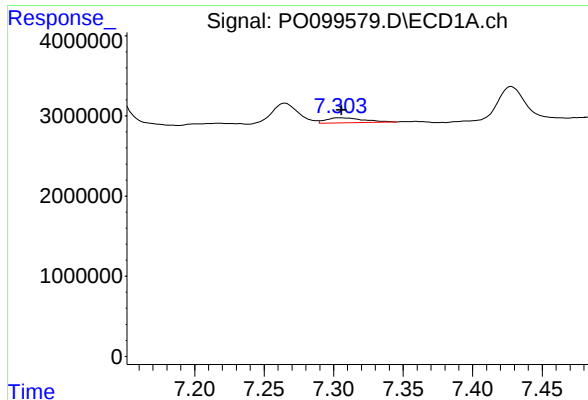
#30 AR-1254-5

R.T.: 7.852 min
Delta R.T.: 0.003 min
Response: 1376064
Conc: 35.17 ng/ml



#30 AR-1254-5

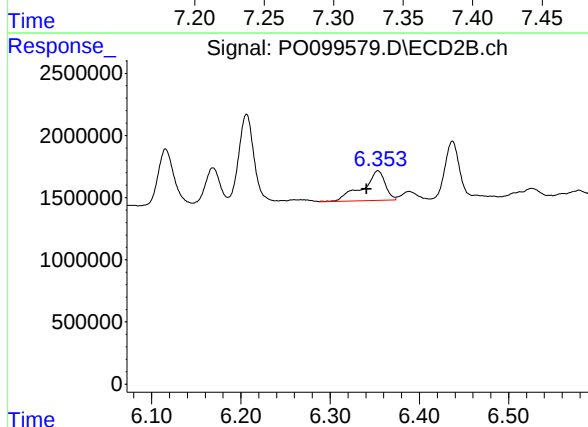
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 1840252
Conc: 37.77 ng/ml



#31 AR-1260-1

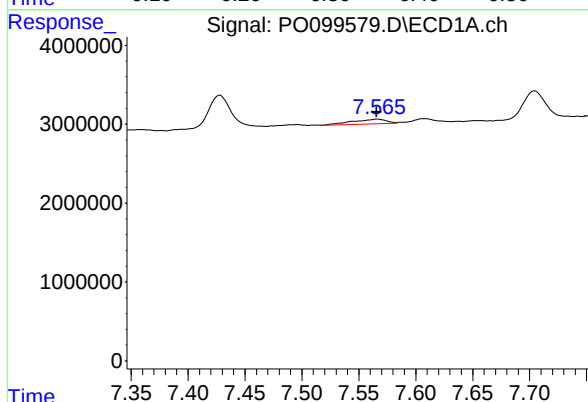
R.T.: 7.305 min
Delta R.T.: -0.001 min
Response: 1134775
Conc: 22.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



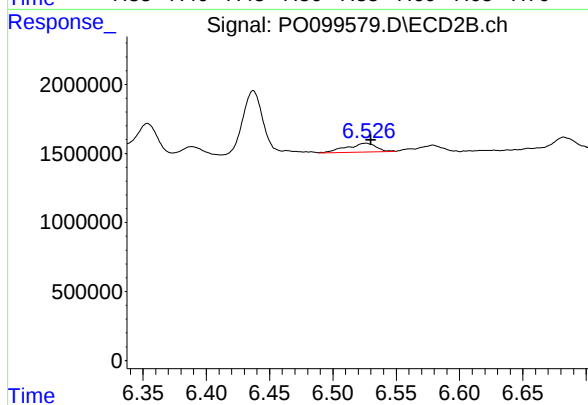
#31 AR-1260-1

R.T.: 6.354 min
Delta R.T.: 0.012 min
Response: 4152602
Conc: 96.28 ng/ml



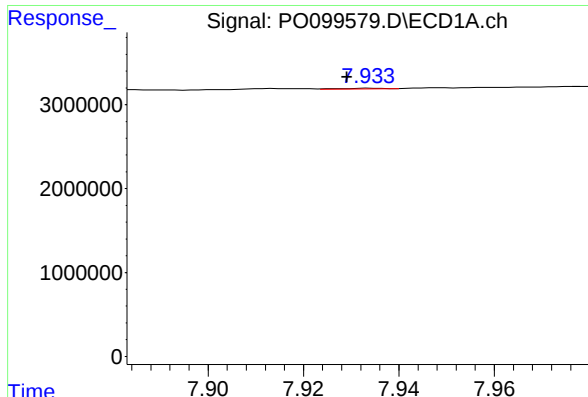
#32 AR-1260-2

R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 1242693
Conc: 24.33 ng/ml



#32 AR-1260-2

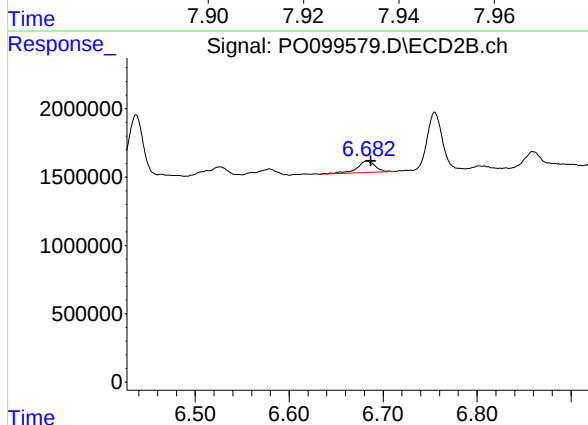
R.T.: 6.526 min
Delta R.T.: -0.004 min
Response: 1015635
Conc: 21.68 ng/ml



#33 AR-1260-3

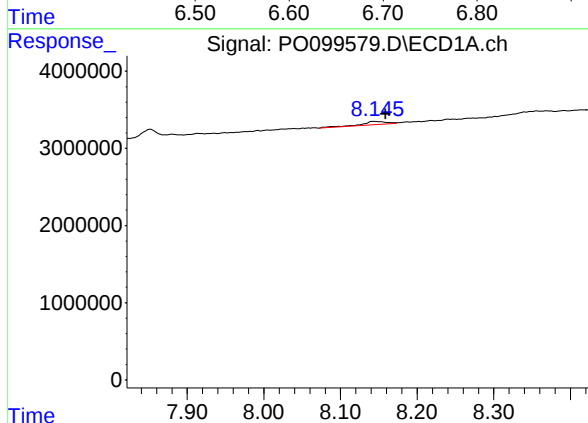
R.T.: 7.935 min
Delta R.T.: 0.006 min
Response: 57890
Conc: 1.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



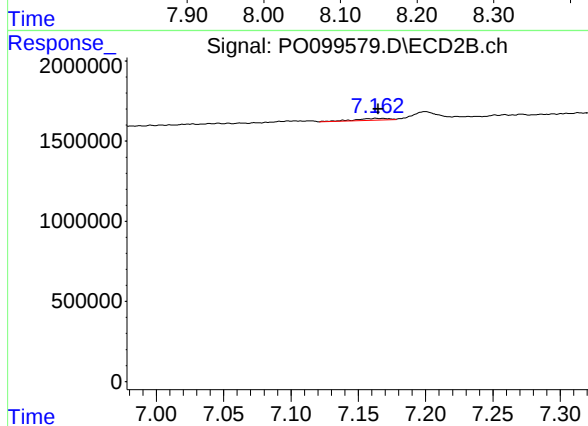
#33 AR-1260-3

R.T.: 6.683 min
Delta R.T.: -0.004 min
Response: 1144932
Conc: 25.09 ng/ml



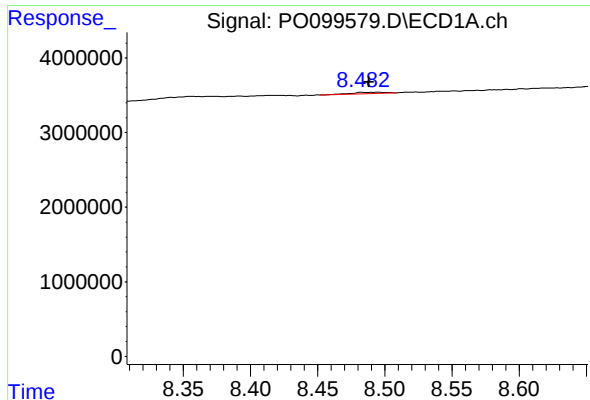
#34 AR-1260-4

R.T.: 8.146 min
Delta R.T.: -0.013 min
Response: 951491
Conc: 24.10 ng/ml



#34 AR-1260-4

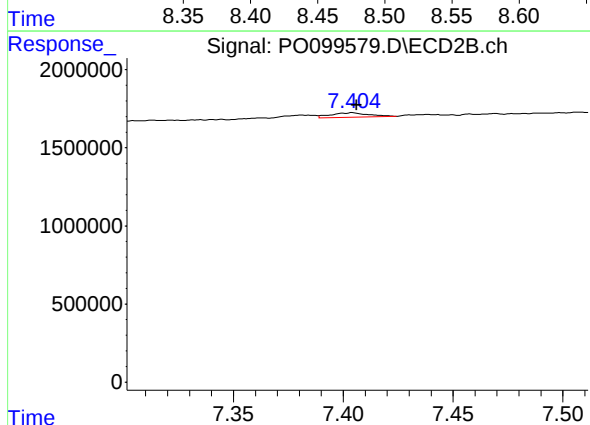
R.T.: 7.163 min
Delta R.T.: -0.002 min
Response: 194003
Conc: 5.28 ng/ml



#35 AR-1260-5

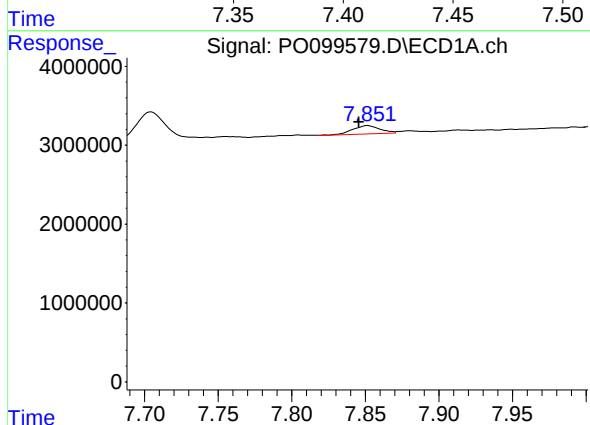
R.T.: 8.483 min
Delta R.T.: -0.006 min
Response: 305604
Conc: 5.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



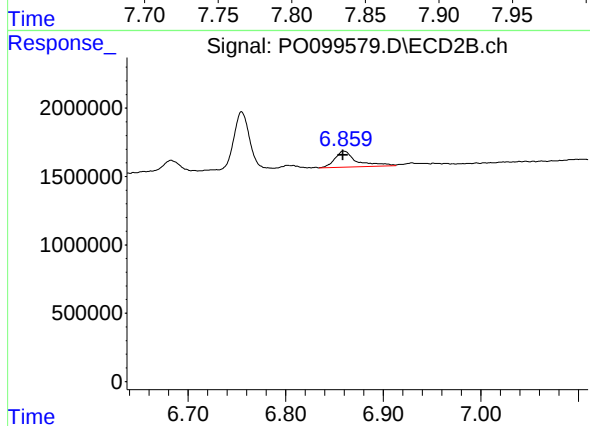
#35 AR-1260-5

R.T.: 7.404 min
Delta R.T.: -0.002 min
Response: 342768
Conc: 4.70 ng/ml



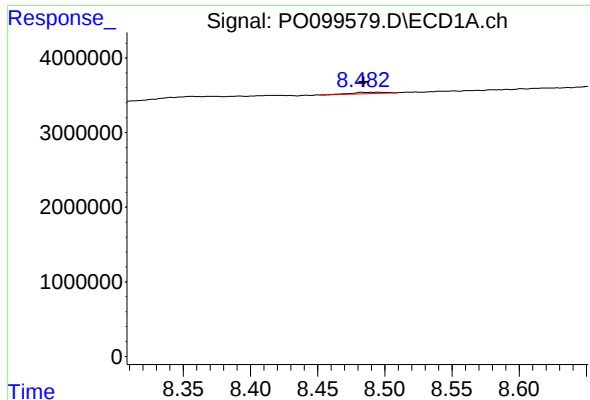
#36 AR-1262-1

R.T.: 7.852 min
Delta R.T.: 0.006 min
Response: 1376064
Conc: 43.56 ng/ml



#36 AR-1262-1

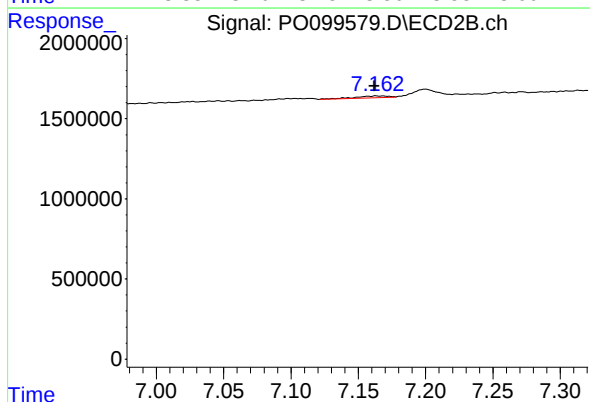
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 1840252
Conc: 74.87 ng/ml



#37 AR-1262-2

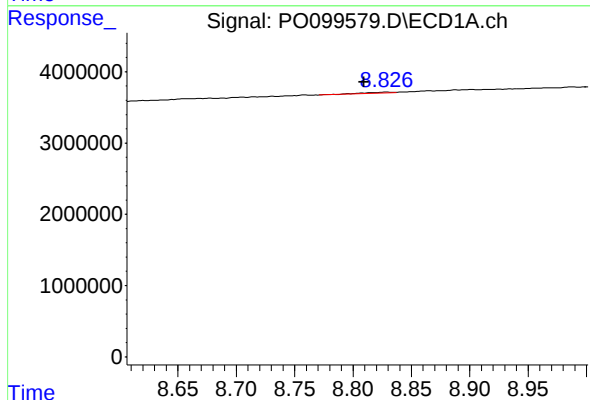
R.T.: 8.483 min
Delta R.T.: -0.002 min
Response: 305604
Conc: 4.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



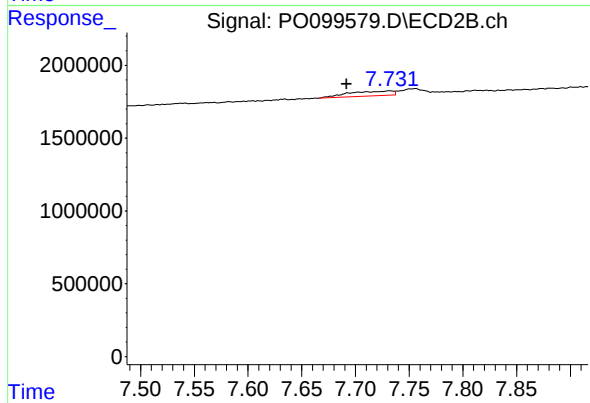
#37 AR-1262-2

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 194003
Conc: 3.91 ng/ml



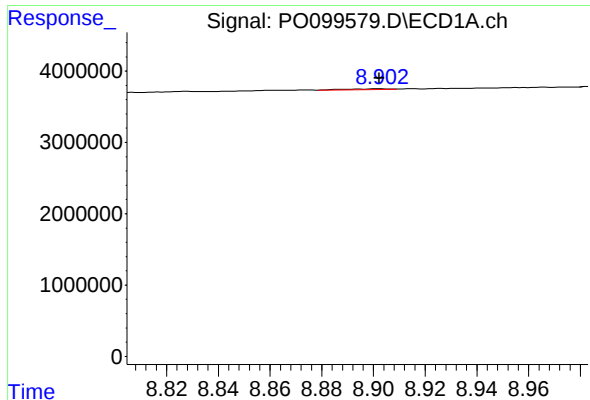
#38 AR-1262-3

R.T.: 8.828 min
Delta R.T.: 0.019 min
Response: 229794
Conc: 4.47 ng/ml



#38 AR-1262-3

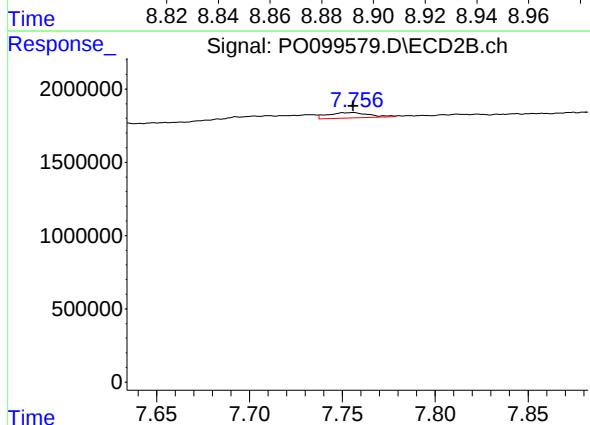
R.T.: 7.732 min
Delta R.T.: 0.040 min
Response: 930686
Conc: 25.17 ng/ml



#39 AR-1262-4

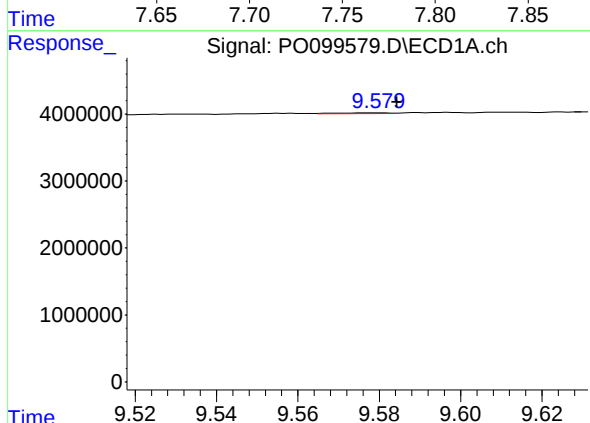
R.T.: 8.902 min
Delta R.T.: 0.000 min
Response: 148038
Conc: 3.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



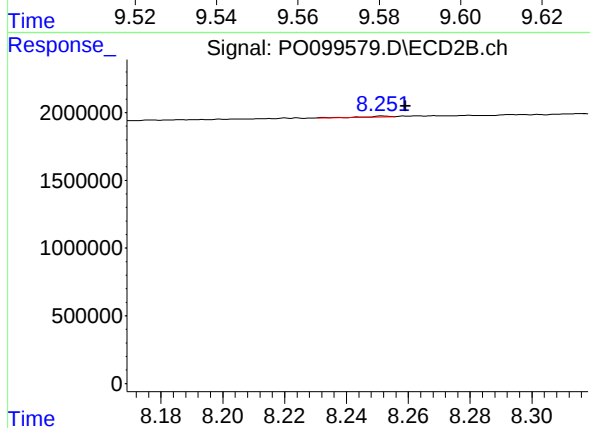
#39 AR-1262-4

R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 564490
Conc: 8.79 ng/ml



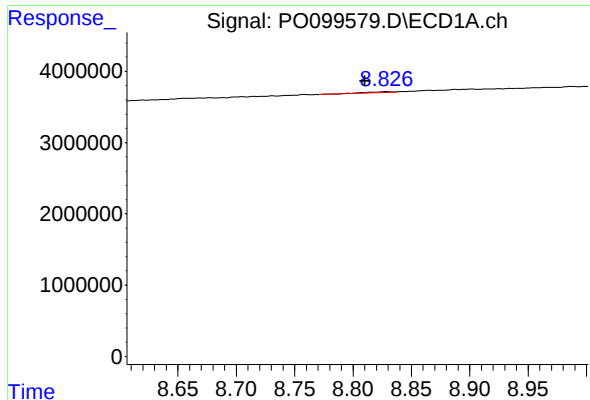
#40 AR-1262-5

R.T.: 9.580 min
Delta R.T.: -0.005 min
Response: 98753
Conc: 4.65 ng/ml



#40 AR-1262-5

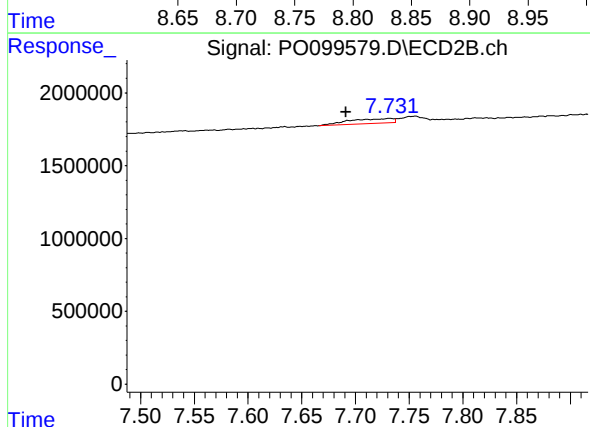
R.T.: 8.252 min
Delta R.T.: -0.007 min
Response: 46931
Conc: 1.71 ng/ml



#41 AR-1268-1

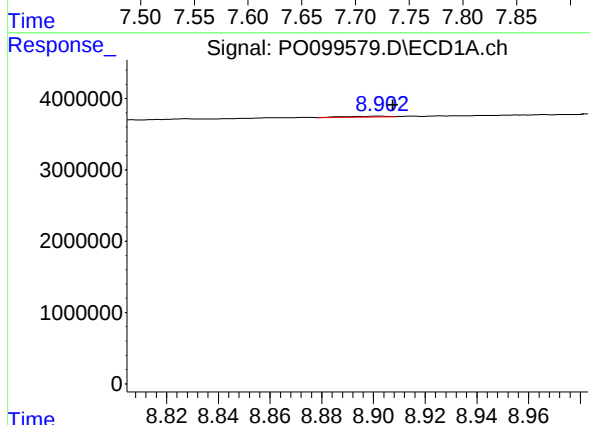
R.T.: 8.828 min
Delta R.T.: 0.018 min
Response: 229794
Conc: 2.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



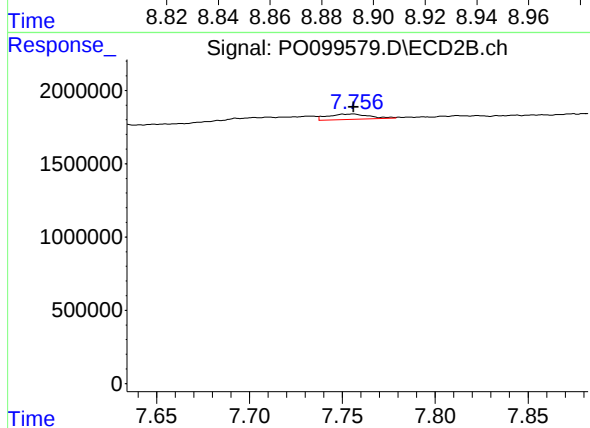
#41 AR-1268-1

R.T.: 7.732 min
Delta R.T.: 0.041 min
Response: 930686
Conc: 8.47 ng/ml



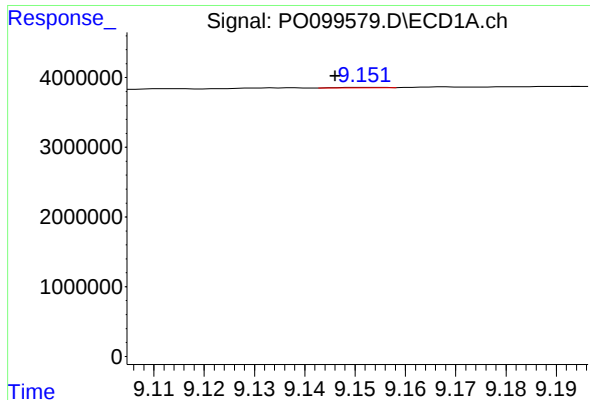
#42 AR-1268-2

R.T.: 8.902 min
Delta R.T.: -0.005 min
Response: 148038
Conc: 1.75 ng/ml



#42 AR-1268-2

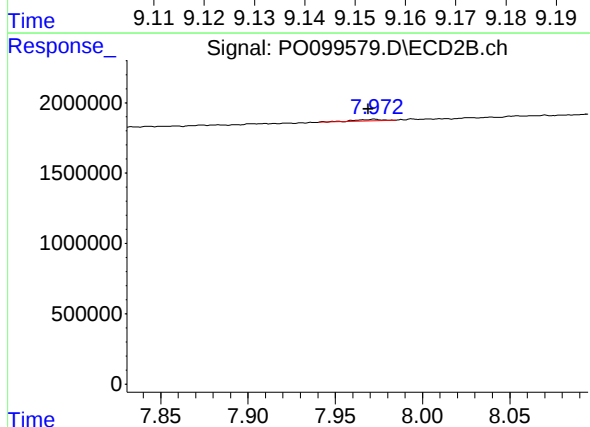
R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 564490
Conc: 5.73 ng/ml



#43 AR-1268-3

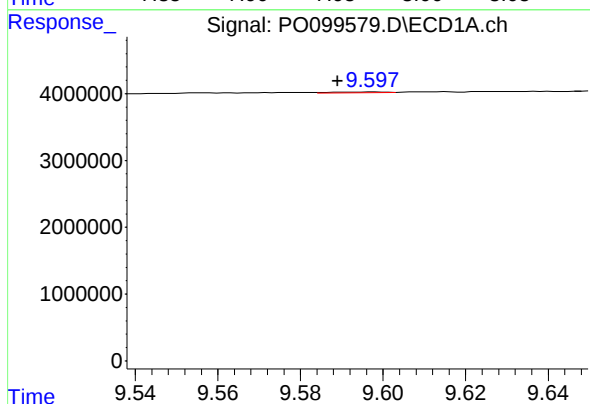
R.T.: 9.153 min
Delta R.T.: 0.006 min
Response: 55643
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



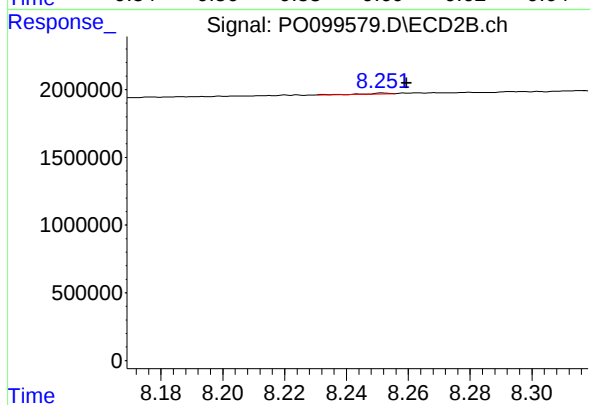
#43 AR-1268-3

R.T.: 7.972 min
Delta R.T.: 0.003 min
Response: 115820
Conc: 1.22 ng/ml



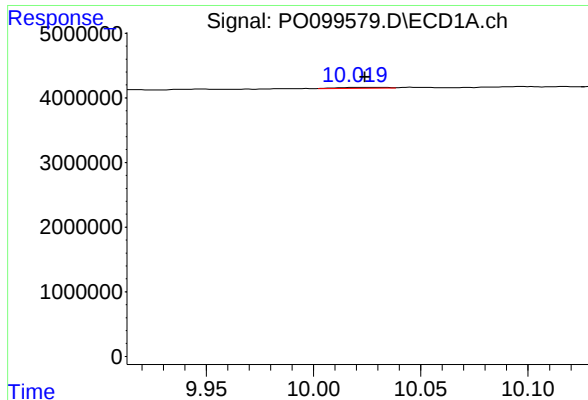
#44 AR-1268-4

R.T.: 9.598 min
Delta R.T.: 0.009 min
Response: 89267
Conc: 3.67 ng/ml



#44 AR-1268-4

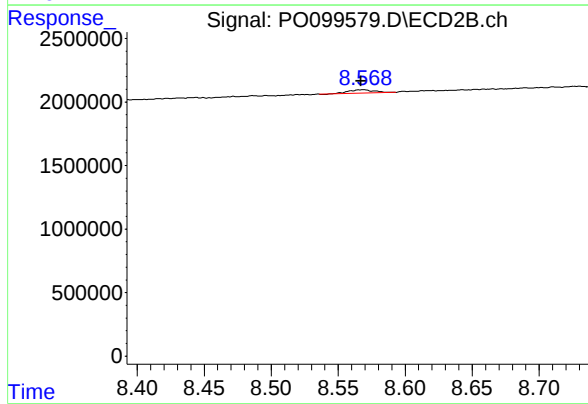
R.T.: 8.252 min
Delta R.T.: -0.008 min
Response: 46931
Conc: 1.57 ng/ml



#45 AR-1268-5

R.T.: 10.028 min
Delta R.T.: 0.004 min
Response: 251039
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.569 min
Delta R.T.: 0.002 min
Response: 323776
Conc: 1.29 ng/ml