

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
 Data File : P0099597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 18:48
 Operator : YP/AJ
 Sample : PB157063BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 22:34:06 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	35762809	23072602	20.774	19.032
2) SA Decachlor...	10.381	8.836	14833685	17575058	23.239	23.927
Target Compounds						
3) L1 AR-1016-1	5.681	4.830	18673106	11887940	480.488	442.099
4) L1 AR-1016-2	5.704	4.849	30409697	16671574	474.809	457.391
5) L1 AR-1016-3	5.767	5.029	20528623	8902861	473.747	444.228
6) L1 AR-1016-4	5.866	5.071	15143561	7641468	487.299	459.821
7) L1 AR-1016-5	6.165	5.289	14291337	9073917	469.926	439.253
8) L2 AR-1221-1	4.701	3.939	2617260	1751715	137.416	119.564
9) L2 AR-1221-2	4.793	4.027	3229764	1873330	229.280	204.545
10) L2 AR-1221-3	4.870	4.106	12470607	8932579	300.725	288.627
11) L3 AR-1232-1	4.870	4.106	12470607	8932579	370.193	345.546
12) L3 AR-1232-2	5.408	4.849	17121550	16671574	1026.048	962.431
13) L3 AR-1232-3	5.704	5.029	30409697	8902861	1071.965	1013.736
14) L3 AR-1232-4	5.866	5.114	15143561	9184708	1122.776	1132.409
15) L3 AR-1232-5	5.958	5.289	13778906	9073917	1201.801	1060.780
16) L4 AR-1242-1	5.681	4.830	18673106	11887940	595.451	537.225
17) L4 AR-1242-2	5.704	4.849	30409697	16671574	589.522	559.911
18) L4 AR-1242-3	5.767	5.029	20528623	8902861	589.032	539.613
19) L4 AR-1242-4	5.866	5.114	15143561	9184708	598.830	545.145
20) L4 AR-1242-5	6.614	5.647	1695350	7313526	82.864	418.944 #
21) L5 AR-1248-1	5.681	4.830	18673106	11887940	790.760	688.619
22) L5 AR-1248-2	5.958	5.071	13778906	7641468	354.377	324.586
23) L5 AR-1248-3	6.165	5.114	14291337	9184708	344.464	370.774
24) L5 AR-1248-4	6.572	5.289	1735634	9073917	45.187	329.119 #
25) L5 AR-1248-5	6.614	5.686	1695350	924921	44.708	40.534
26) L6 AR-1254-1	6.547	5.647	10793336	7313526	239.833	201.061
27) L6 AR-1254-2	6.768	5.796	11075958	7068306	175.636	217.587
28) L6 AR-1254-3	7.139	6.221	4976848	13929011	85.447	256.884 #
29) L6 AR-1254-4	7.429	6.434	2597541	1136618	76.216	40.360 #
30) L6 AR-1254-5	7.851	6.858	28323901	26069013	723.876	535.025 #
31) L7 AR-1260-1	7.305	6.337	24316179	20308604	489.235	470.879
32) L7 AR-1260-2	7.566	6.526	25135012	22795490	492.080	486.500
33) L7 AR-1260-3	7.929	6.683	17701910	22674839	493.738	496.803
34) L7 AR-1260-4	8.158	7.160	19743263	17198126	500.131	468.001
35) L7 AR-1260-5	8.489	7.401	31409604	34984568	524.293	479.964
36) L8 AR-1262-1	7.851	6.858	28323901	26069013	896.688	1060.552
37) L8 AR-1262-2	8.489	7.160	31409604	17198126	424.609	346.931
38) L8 AR-1262-3	8.824	7.688	19938746	7151008	388.230	193.409 #
39) L8 AR-1262-4	8.903	7.752	4653259	26432620	119.693	411.484 #
40) L8 AR-1262-5	9.590	8.256	6117191	7239125	287.820	263.413
41) L9 AR-1268-1	8.824	7.688	19938746	7151008	197.976	65.052 #

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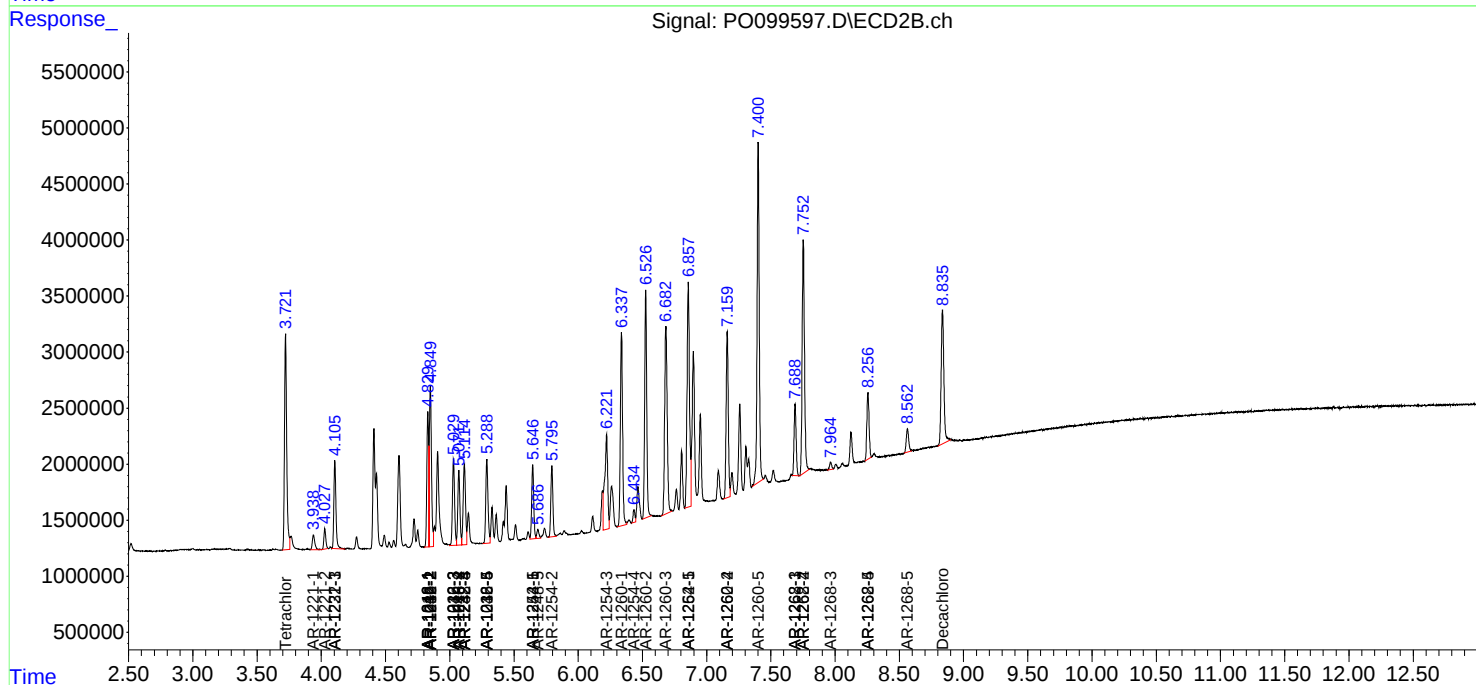
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

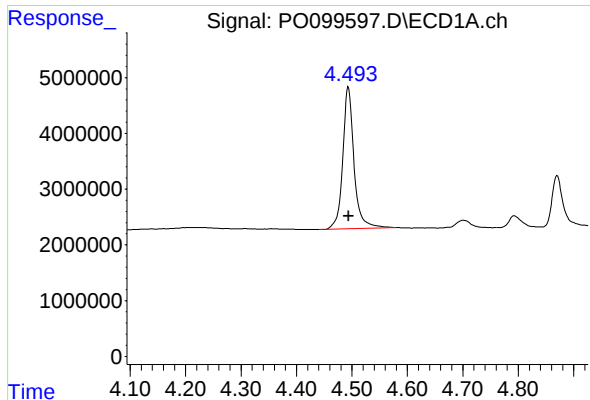
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.903	7.752	4653259	26432620	54.852	268.093 #
43) L9	AR-1268-3	9.144	7.965	709075	794746	8.315	8.392
44) L9	AR-1268-4	9.590	8.256	6117191	7239125	251.615	241.646
45) L9	AR-1268-5	10.024	8.563	2358407	2742314	11.098	10.897

(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

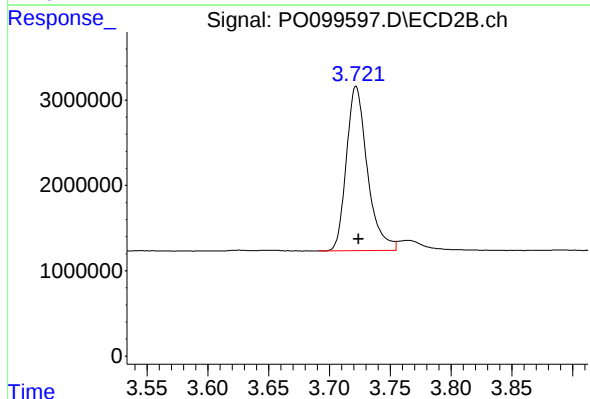




#1 Tetrachloro-m-xylene

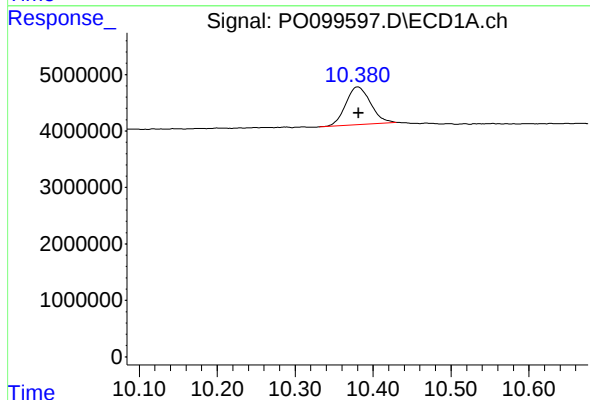
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 35762809
Conc: 20.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



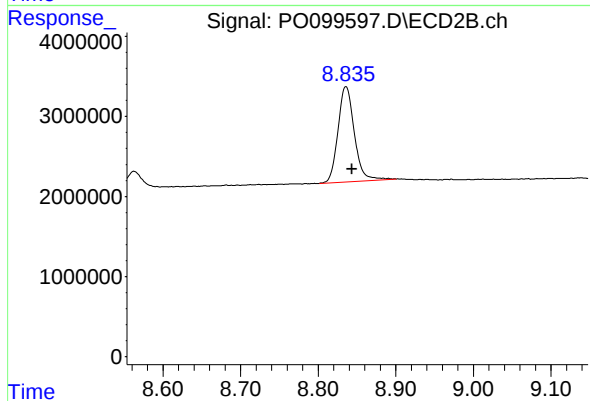
#1 Tetrachloro-m-xylene

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 23072602
Conc: 19.03 ng/ml



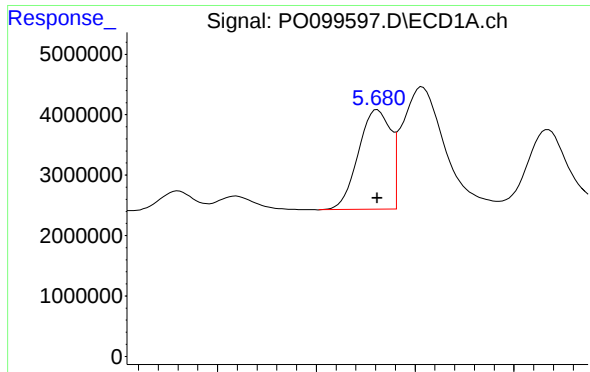
#2 Decachlorobiphenyl

R.T.: 10.381 min
Delta R.T.: -0.001 min
Response: 14833685
Conc: 23.24 ng/ml



#2 Decachlorobiphenyl

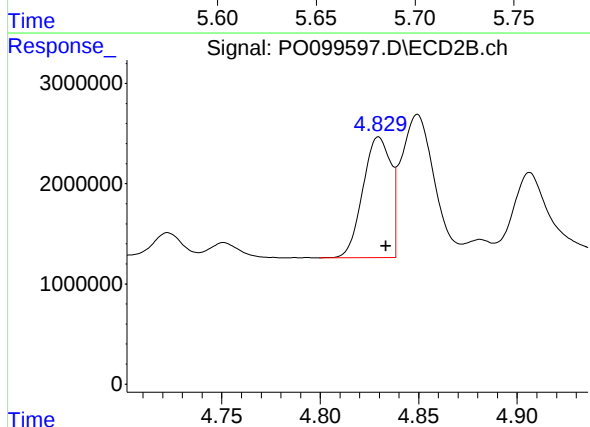
R.T.: 8.836 min
Delta R.T.: -0.008 min
Response: 17575058
Conc: 23.93 ng/ml



#3 AR-1016-1

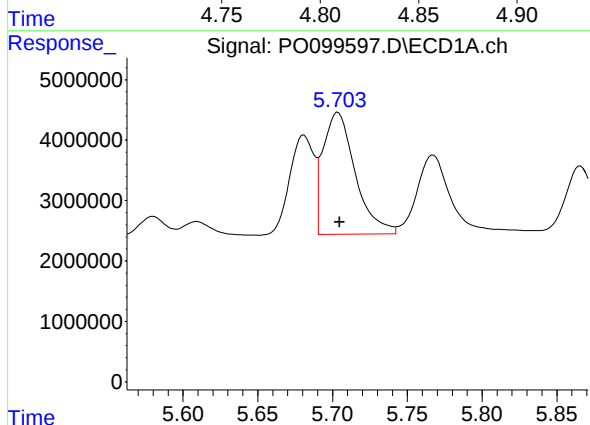
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 18673106
Conc: 480.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



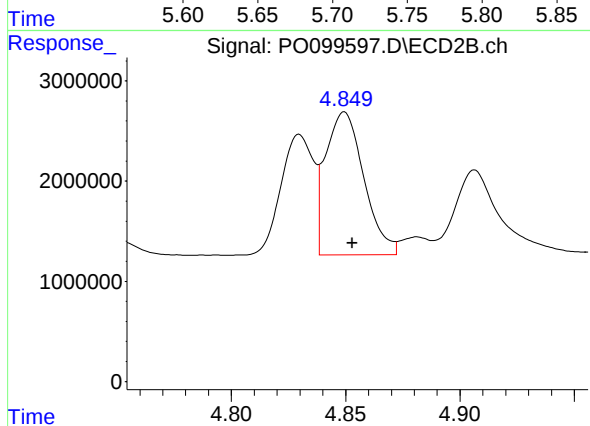
#3 AR-1016-1

R.T.: 4.830 min
Delta R.T.: -0.004 min
Response: 11887940
Conc: 442.10 ng/ml



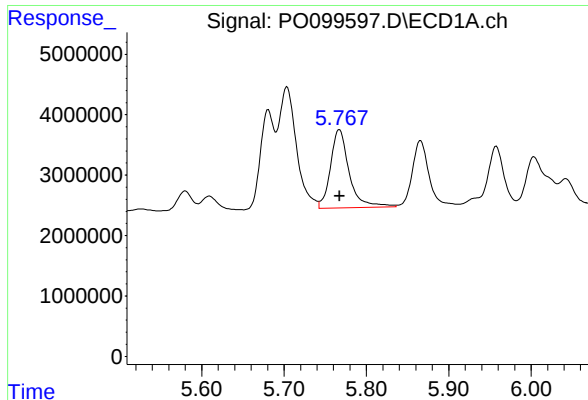
#4 AR-1016-2

R.T.: 5.704 min
Delta R.T.: -0.001 min
Response: 30409697
Conc: 474.81 ng/ml



#4 AR-1016-2

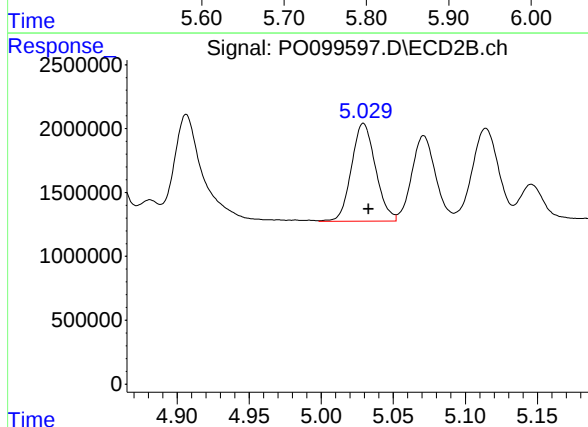
R.T.: 4.849 min
Delta R.T.: -0.004 min
Response: 16671574
Conc: 457.39 ng/ml



#5 AR-1016-3

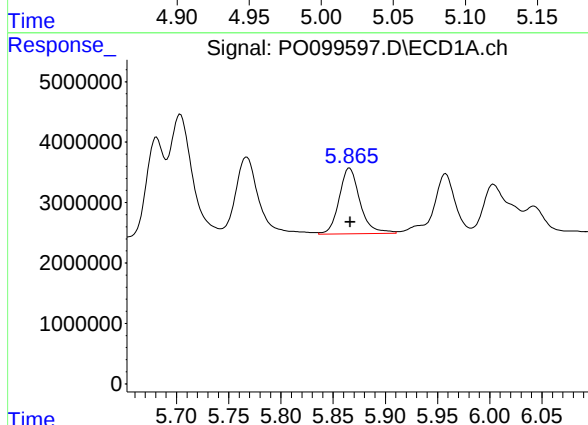
R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 20528623
Conc: 473.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



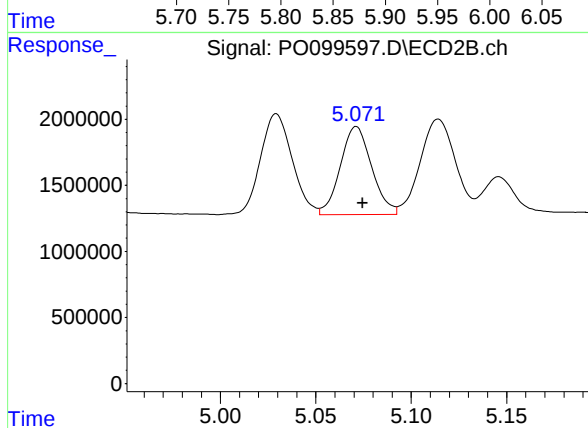
#5 AR-1016-3

R.T.: 5.029 min
Delta R.T.: -0.004 min
Response: 8902861
Conc: 444.23 ng/ml



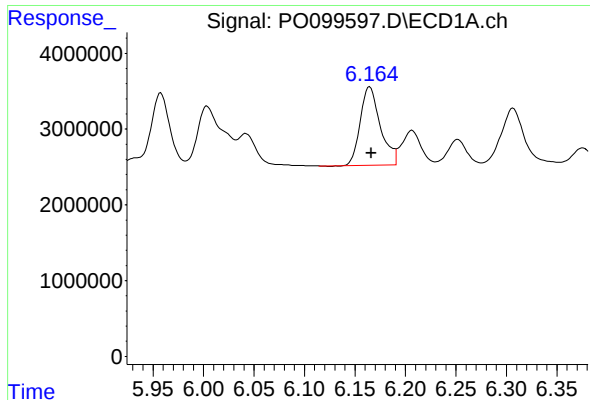
#6 AR-1016-4

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 15143561
Conc: 487.30 ng/ml



#6 AR-1016-4

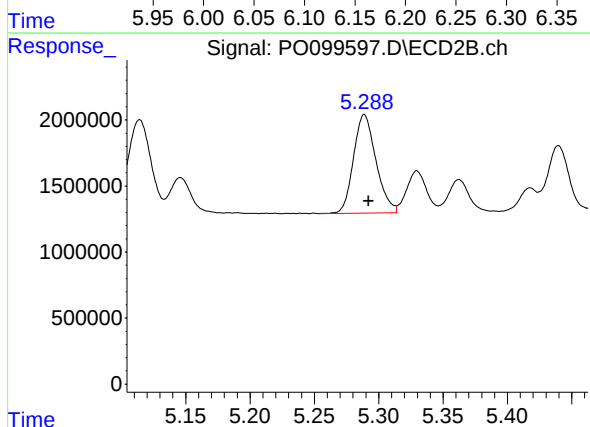
R.T.: 5.071 min
Delta R.T.: -0.003 min
Response: 7641468
Conc: 459.82 ng/ml



#7 AR-1016-5

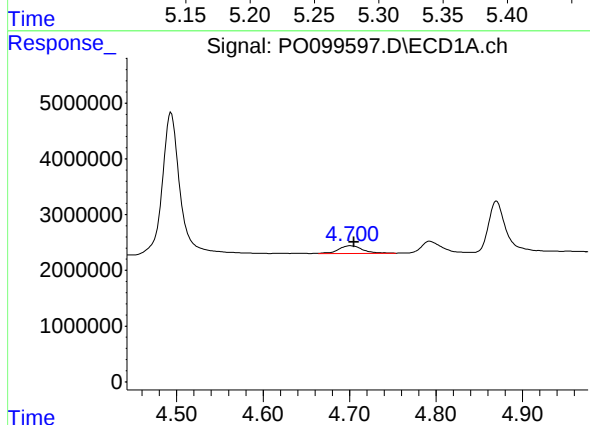
R.T.: 6.165 min
Delta R.T.: -0.001 min
Response: 14291337
Conc: 469.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



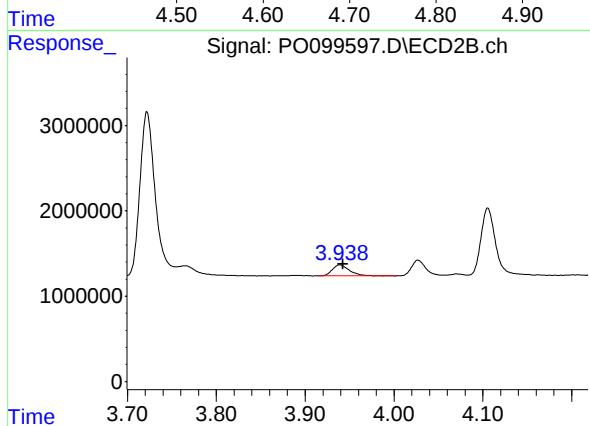
#7 AR-1016-5

R.T.: 5.289 min
Delta R.T.: -0.003 min
Response: 9073917
Conc: 439.25 ng/ml



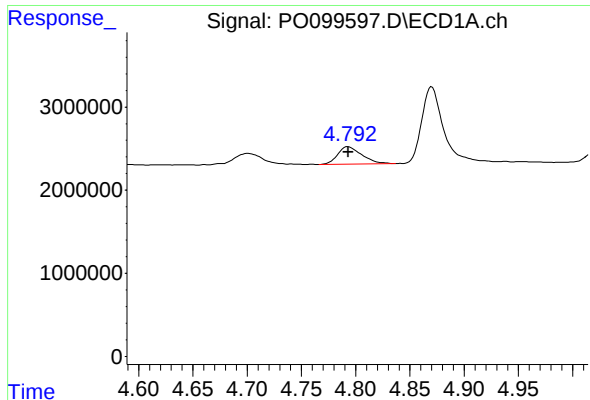
#8 AR-1221-1

R.T.: 4.701 min
Delta R.T.: -0.005 min
Response: 2617260
Conc: 137.42 ng/ml



#8 AR-1221-1

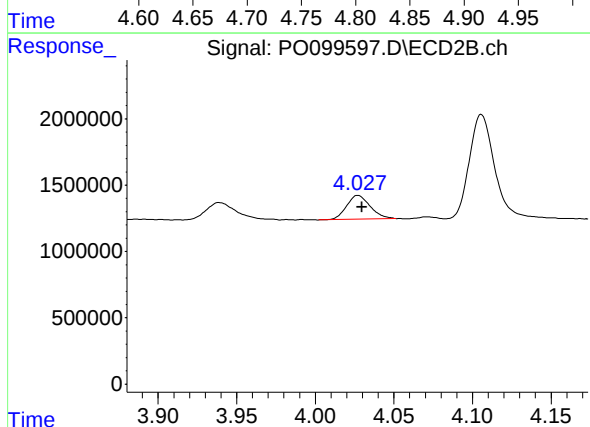
R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 1751715
Conc: 119.56 ng/ml



#9 AR-1221-2

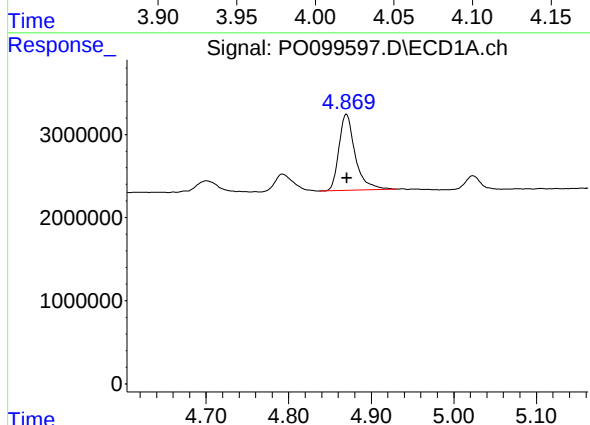
R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 3229764
Conc: 229.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



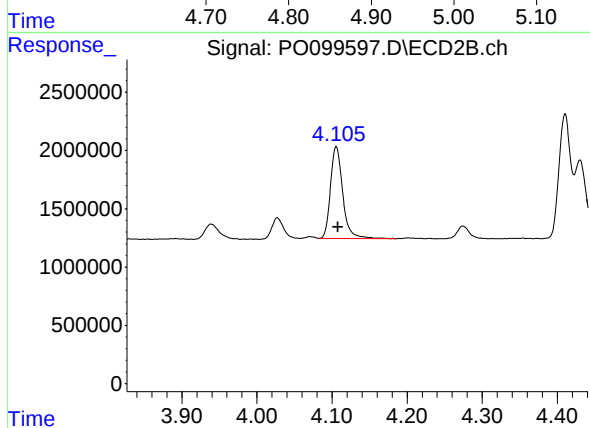
#9 AR-1221-2

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 1873330
Conc: 204.54 ng/ml



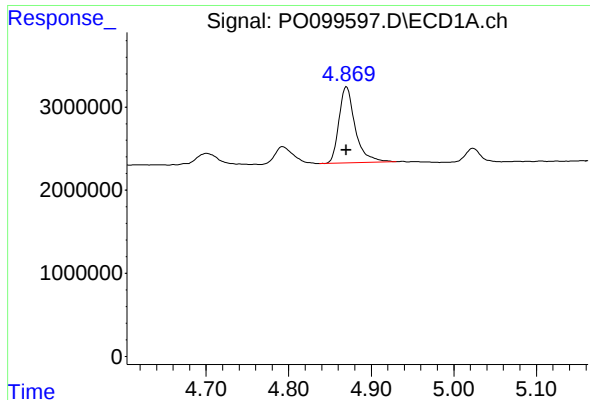
#10 AR-1221-3

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 12470607
Conc: 300.73 ng/ml



#10 AR-1221-3

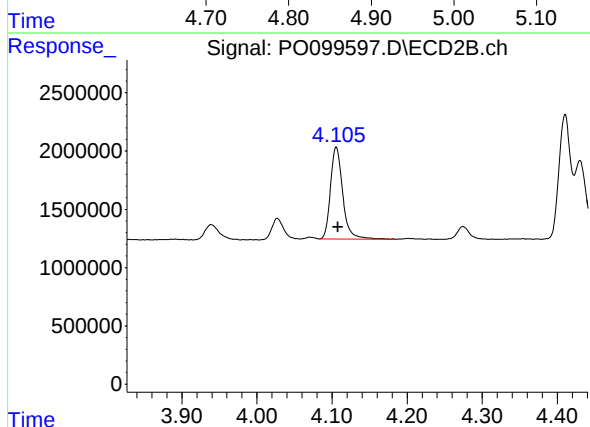
R.T.: 4.106 min
Delta R.T.: -0.002 min
Response: 8932579
Conc: 288.63 ng/ml



#11 AR-1232-1

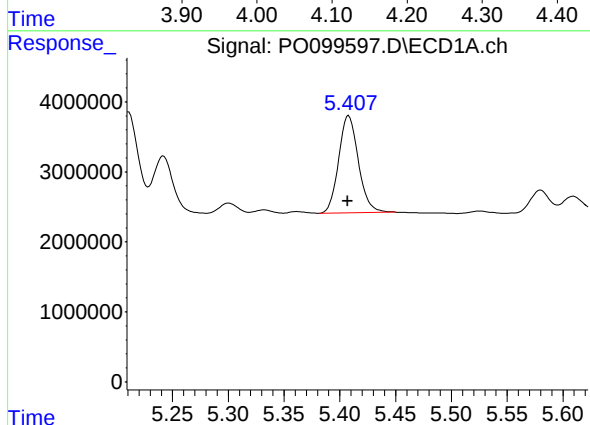
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 12470607
Conc: 370.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



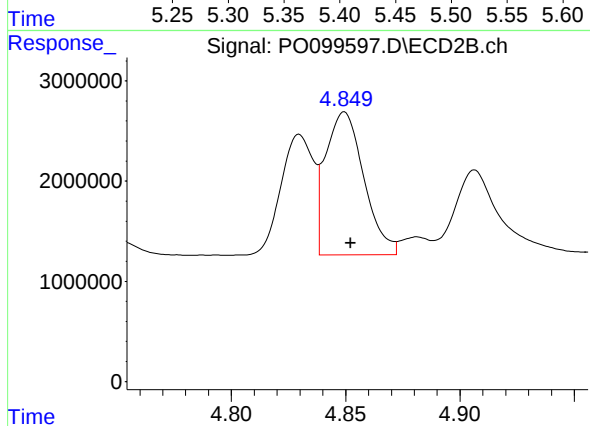
#11 AR-1232-1

R.T.: 4.106 min
Delta R.T.: -0.002 min
Response: 8932579
Conc: 345.55 ng/ml



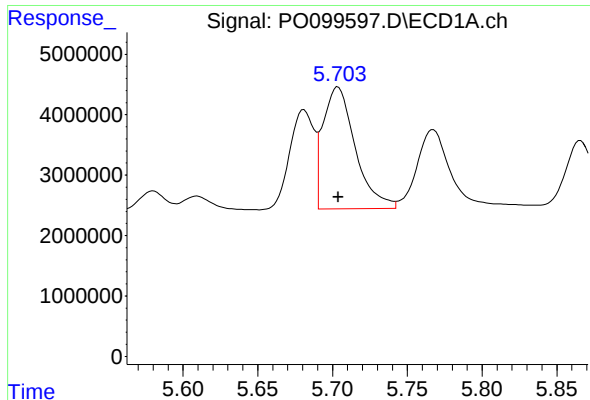
#12 AR-1232-2

R.T.: 5.408 min
Delta R.T.: 0.001 min
Response: 17121550
Conc: 1026.05 ng/ml



#12 AR-1232-2

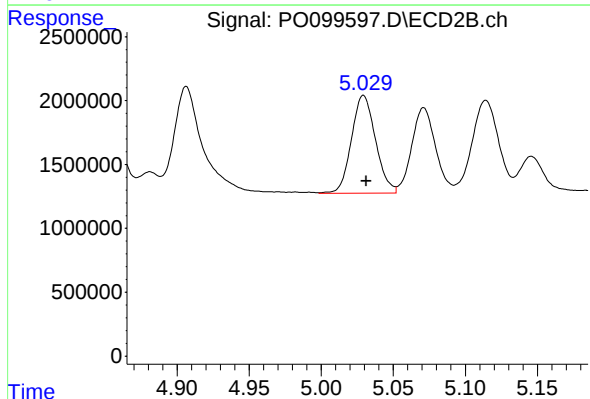
R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 16671574
Conc: 962.43 ng/ml



#13 AR-1232-3

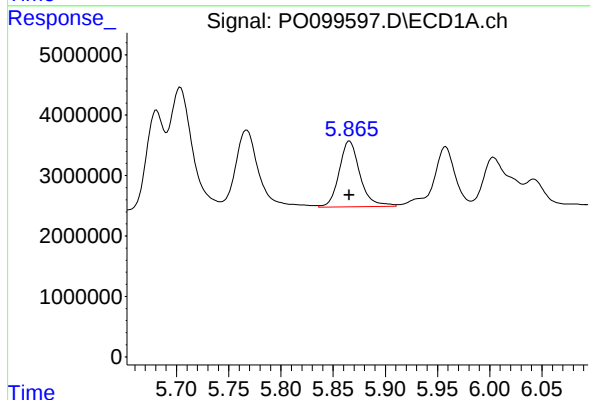
R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 30409697
Conc: 1071.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



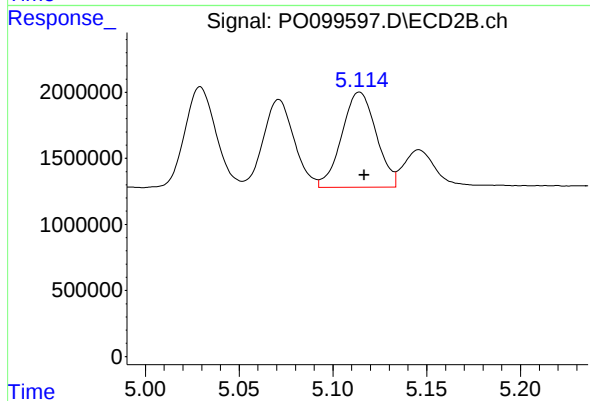
#13 AR-1232-3

R.T.: 5.029 min
Delta R.T.: -0.002 min
Response: 8902861
Conc: 1013.74 ng/ml



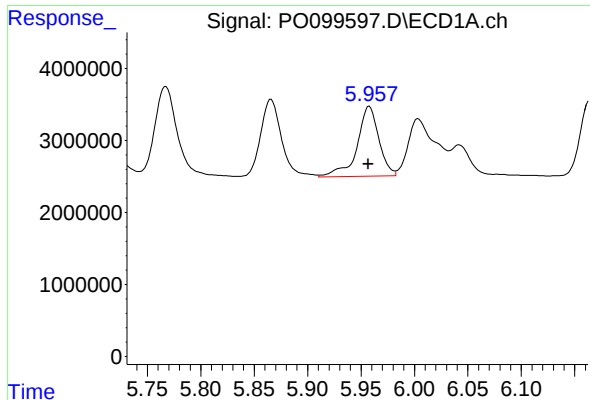
#14 AR-1232-4

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 15143561
Conc: 1122.78 ng/ml



#14 AR-1232-4

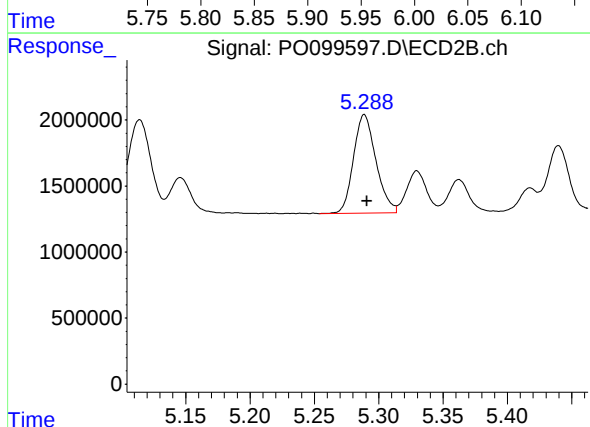
R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 9184708
Conc: 1132.41 ng/ml



#15 AR-1232-5

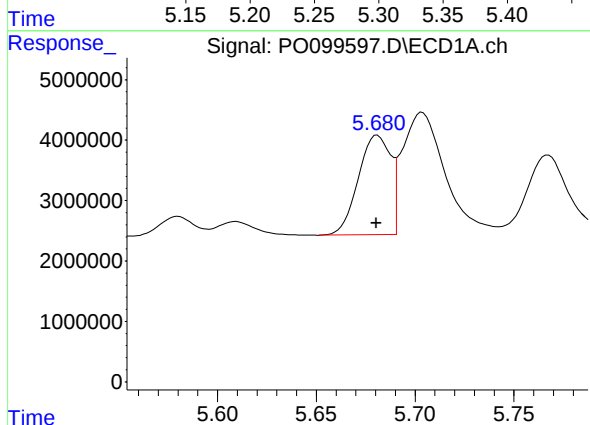
R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 13778906
Conc: 1201.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



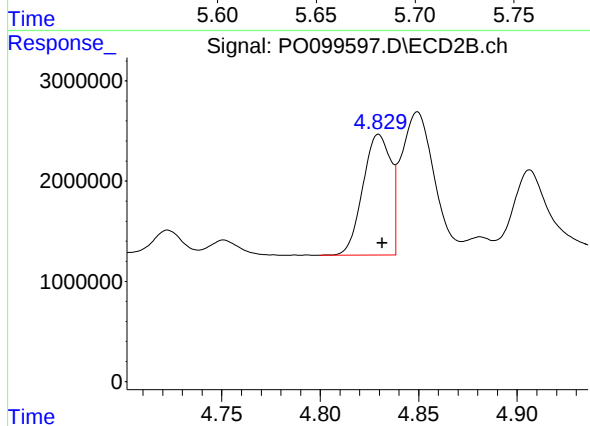
#15 AR-1232-5

R.T.: 5.289 min
Delta R.T.: -0.002 min
Response: 9073917
Conc: 1060.78 ng/ml



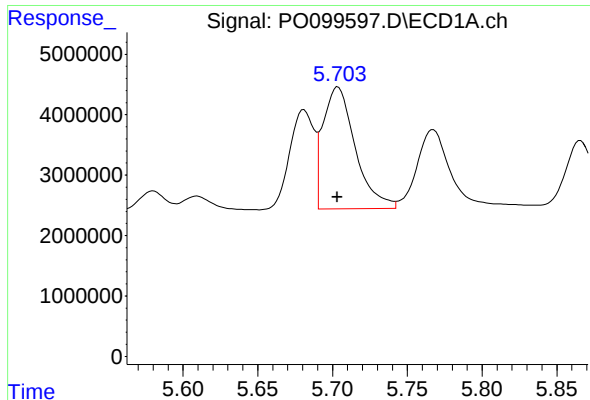
#16 AR-1242-1

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 18673106
Conc: 595.45 ng/ml



#16 AR-1242-1

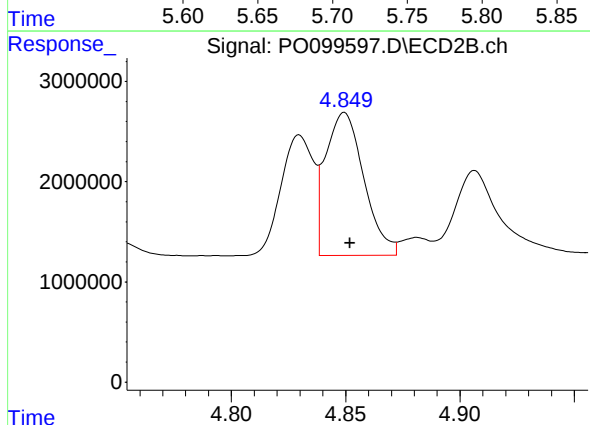
R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 11887940
Conc: 537.22 ng/ml



#17 AR-1242-2

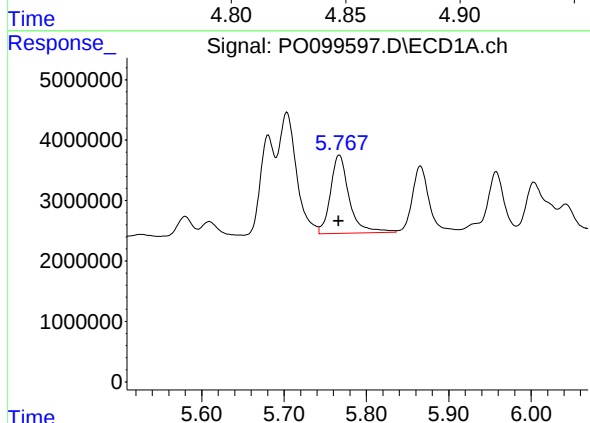
R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 30409697
Conc: 589.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



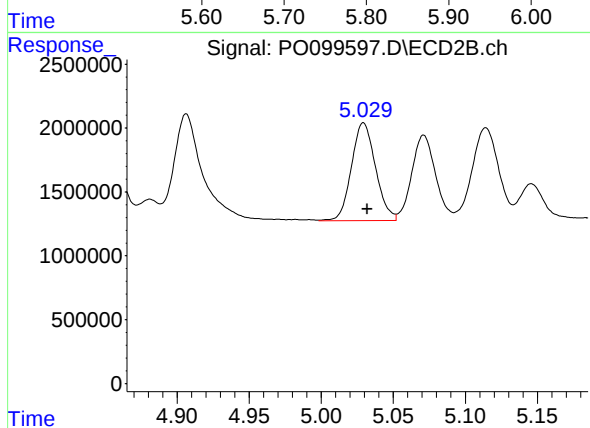
#17 AR-1242-2

R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 16671574
Conc: 559.91 ng/ml



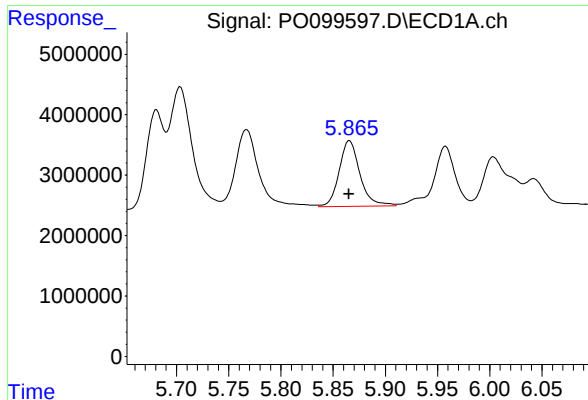
#18 AR-1242-3

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 20528623
Conc: 589.03 ng/ml



#18 AR-1242-3

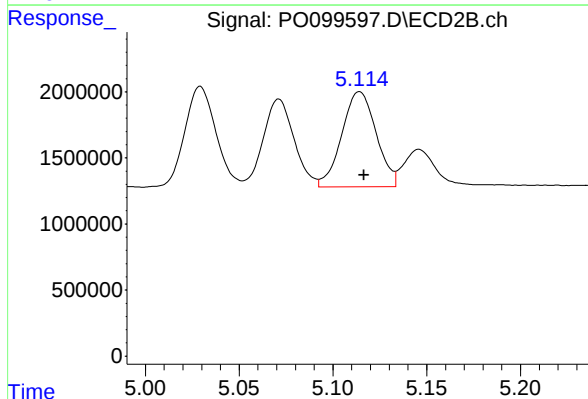
R.T.: 5.029 min
Delta R.T.: -0.003 min
Response: 8902861
Conc: 539.61 ng/ml



#19 AR-1242-4

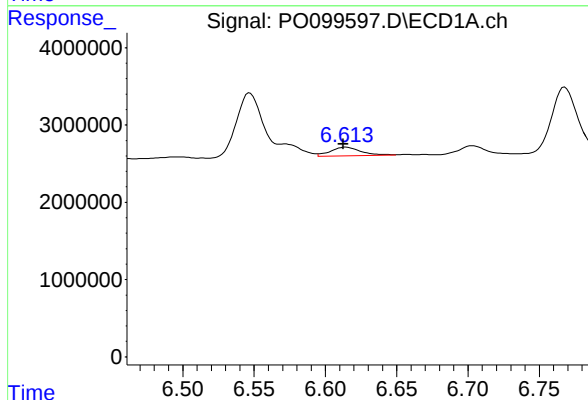
R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 15143561
Conc: 598.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



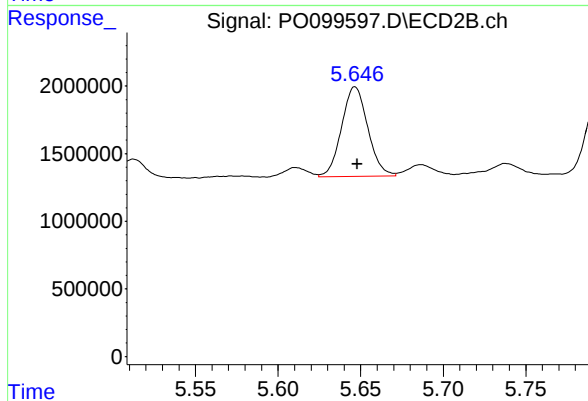
#19 AR-1242-4

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 9184708
Conc: 545.14 ng/ml



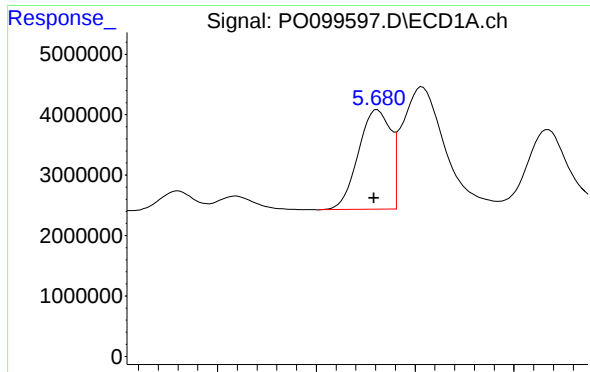
#20 AR-1242-5

R.T.: 6.614 min
Delta R.T.: 0.002 min
Response: 1695350
Conc: 82.86 ng/ml



#20 AR-1242-5

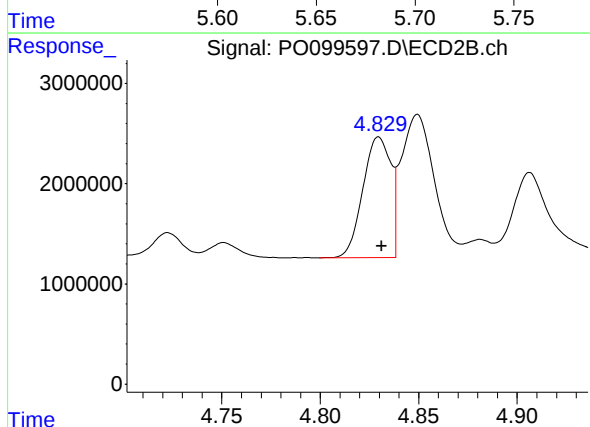
R.T.: 5.647 min
Delta R.T.: -0.001 min
Response: 7313526
Conc: 418.94 ng/ml



#21 AR-1248-1

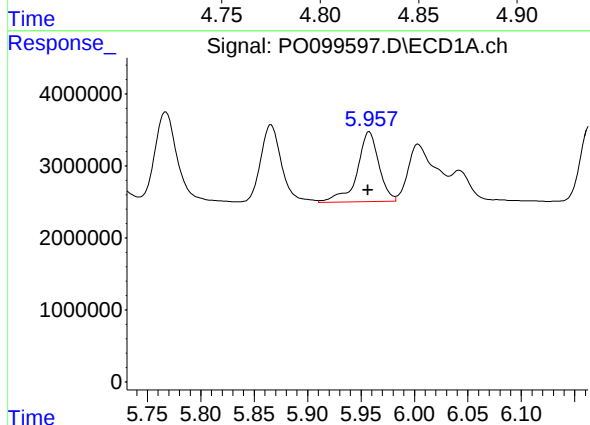
R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 18673106
Conc: 790.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



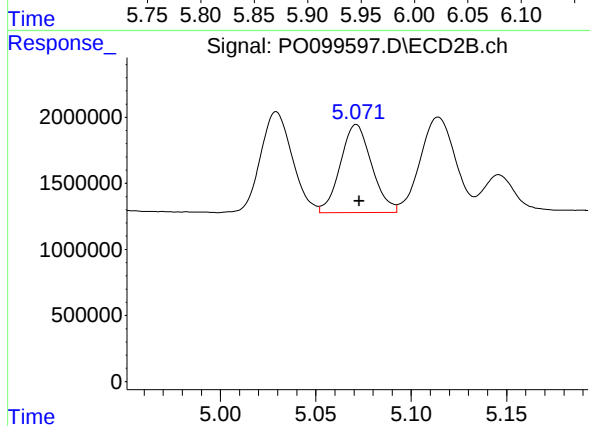
#21 AR-1248-1

R.T.: 4.830 min
Delta R.T.: -0.001 min
Response: 11887940
Conc: 688.62 ng/ml



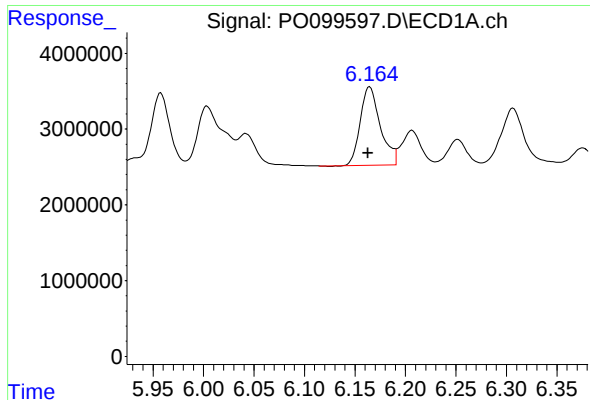
#22 AR-1248-2

R.T.: 5.958 min
Delta R.T.: 0.001 min
Response: 13778906
Conc: 354.38 ng/ml



#22 AR-1248-2

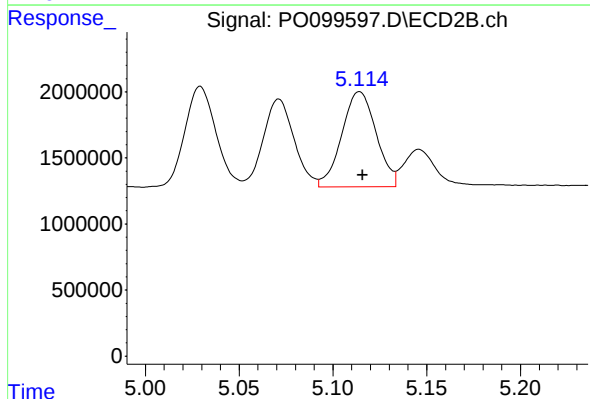
R.T.: 5.071 min
Delta R.T.: -0.002 min
Response: 7641468
Conc: 324.59 ng/ml



#23 AR-1248-3

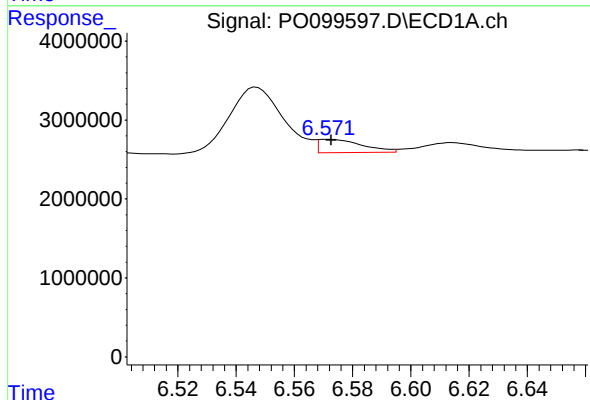
R.T.: 6.165 min
Delta R.T.: 0.002 min
Response: 14291337
Conc: 344.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



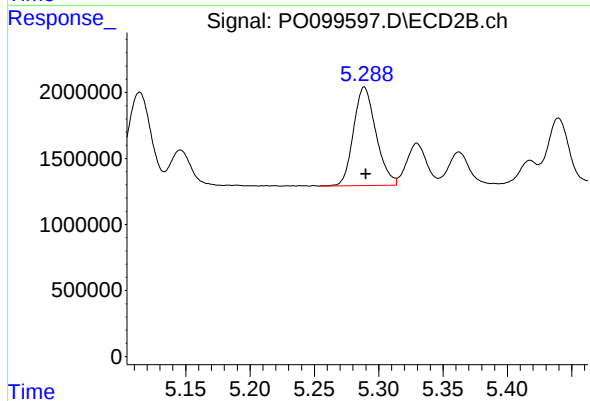
#23 AR-1248-3

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 9184708
Conc: 370.77 ng/ml



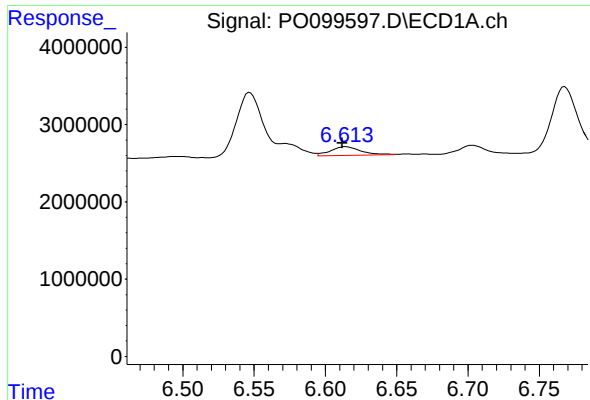
#24 AR-1248-4

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 1735634
Conc: 45.19 ng/ml



#24 AR-1248-4

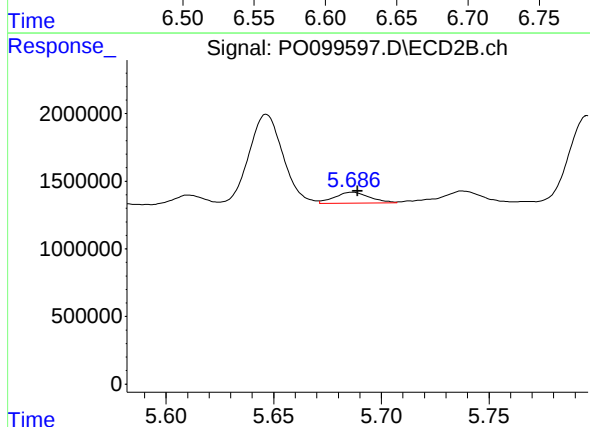
R.T.: 5.289 min
Delta R.T.: -0.001 min
Response: 9073917
Conc: 329.12 ng/ml



#25 AR-1248-5

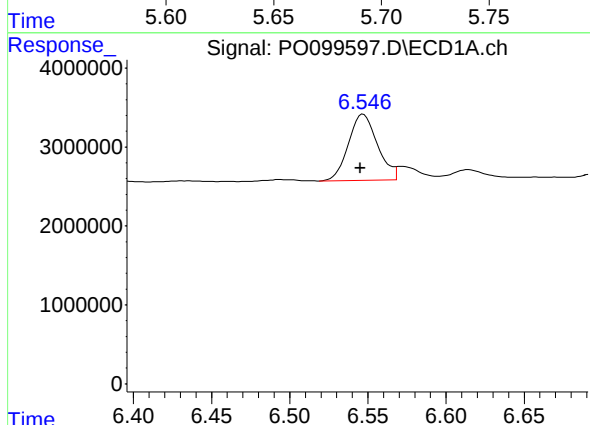
R.T.: 6.614 min
Delta R.T.: 0.002 min
Response: 1695350
Conc: 44.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



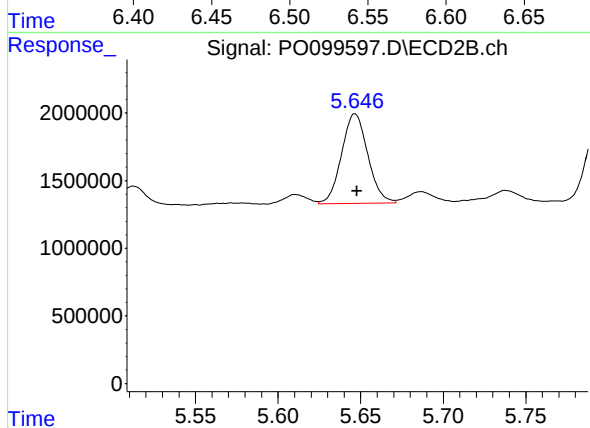
#25 AR-1248-5

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 924921
Conc: 40.53 ng/ml



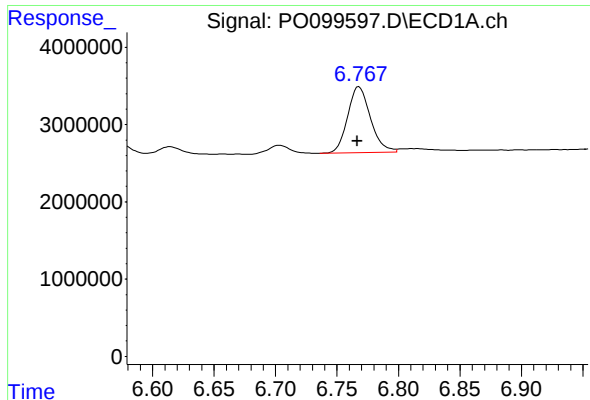
#26 AR-1254-1

R.T.: 6.547 min
Delta R.T.: 0.002 min
Response: 10793336
Conc: 239.83 ng/ml



#26 AR-1254-1

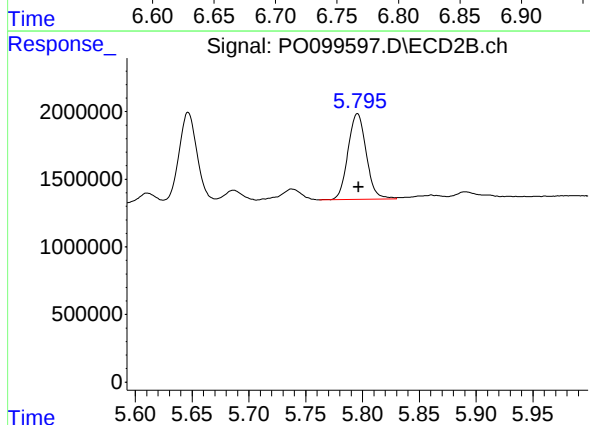
R.T.: 5.647 min
Delta R.T.: -0.001 min
Response: 7313526
Conc: 201.06 ng/ml



#27 AR-1254-2

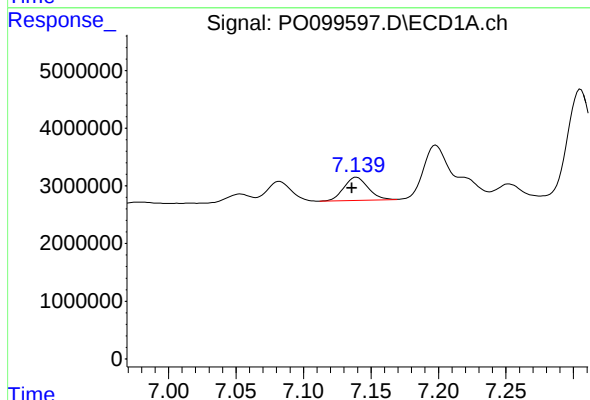
R.T.: 6.768 min
Delta R.T.: 0.002 min
Response: 11075958
Conc: 175.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



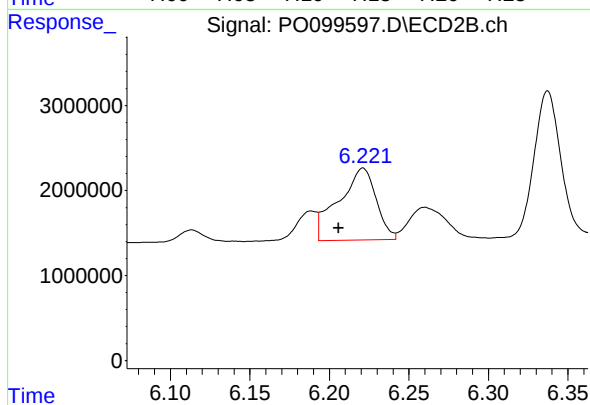
#27 AR-1254-2

R.T.: 5.796 min
Delta R.T.: -0.001 min
Response: 7068306
Conc: 217.59 ng/ml



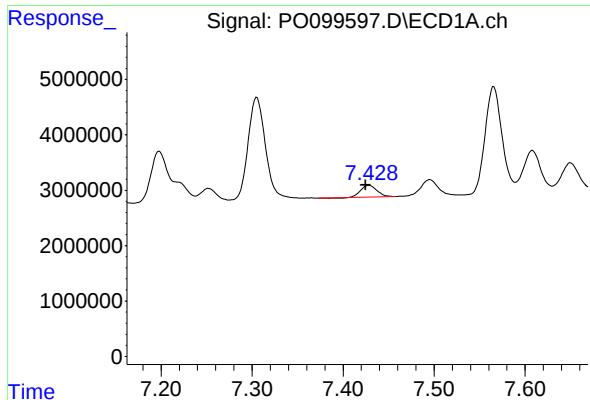
#28 AR-1254-3

R.T.: 7.139 min
Delta R.T.: 0.003 min
Response: 4976848
Conc: 85.45 ng/ml



#28 AR-1254-3

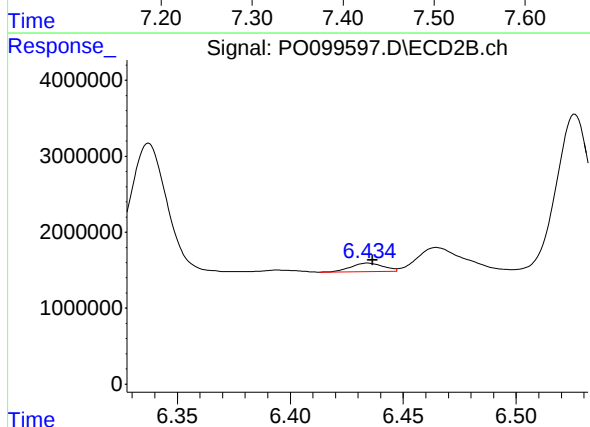
R.T.: 6.221 min
Delta R.T.: 0.015 min
Response: 13929011
Conc: 256.88 ng/ml



#29 AR-1254-4

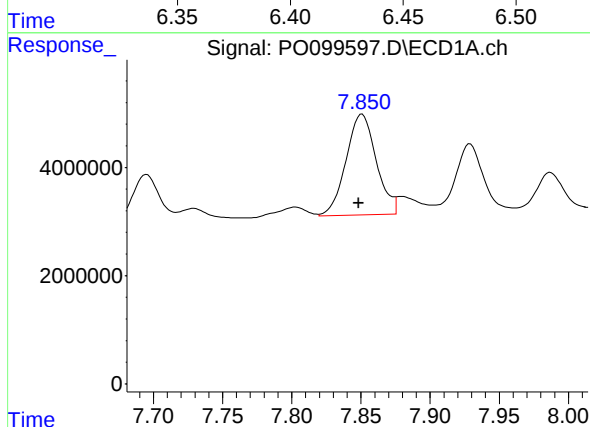
R.T.: 7.429 min
Delta R.T.: 0.004 min
Response: 2597541
Conc: 76.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



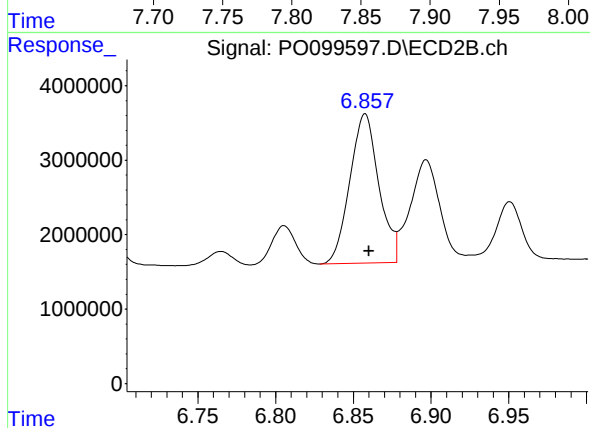
#29 AR-1254-4

R.T.: 6.434 min
Delta R.T.: -0.002 min
Response: 1136618
Conc: 40.36 ng/ml



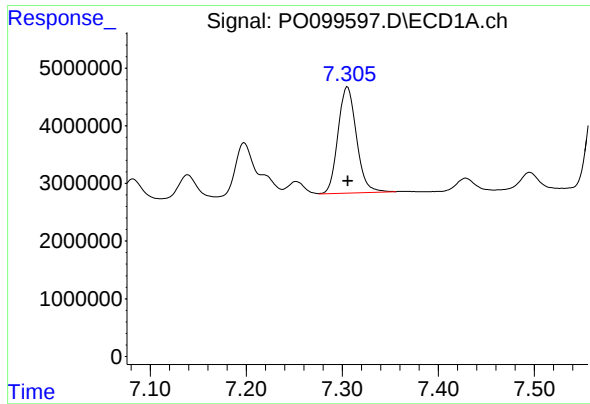
#30 AR-1254-5

R.T.: 7.851 min
Delta R.T.: 0.003 min
Response: 28323901
Conc: 723.88 ng/ml



#30 AR-1254-5

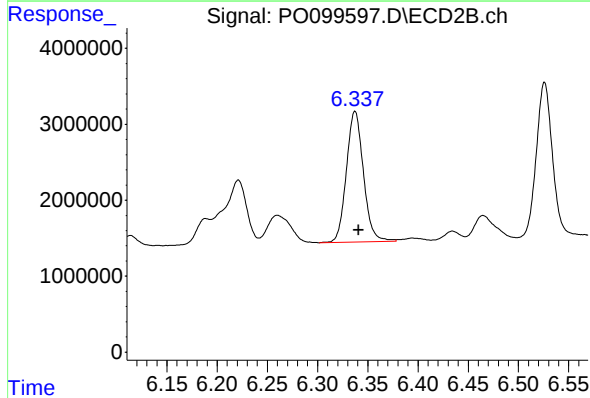
R.T.: 6.858 min
Delta R.T.: -0.003 min
Response: 26069013
Conc: 535.03 ng/ml



#31 AR-1260-1

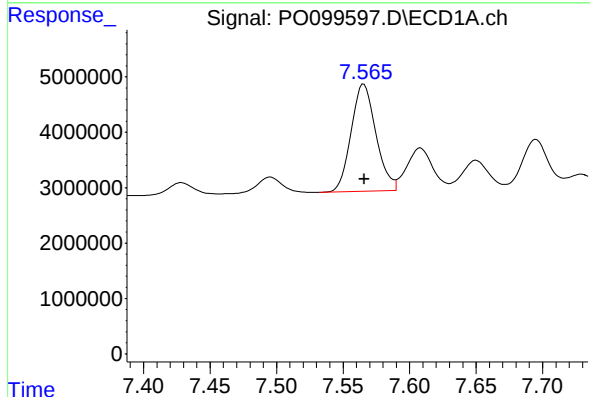
R.T.: 7.305 min
Delta R.T.: 0.000 min
Response: 24316179
Conc: 489.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



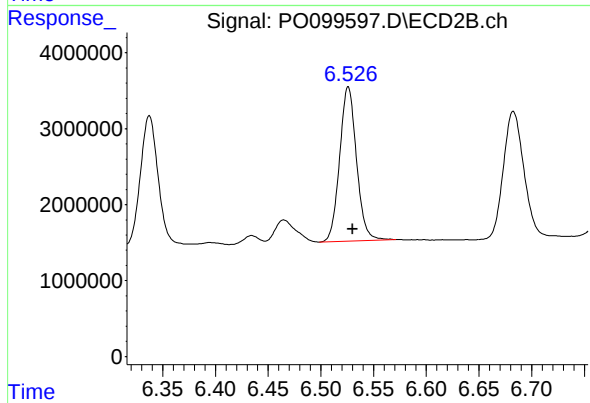
#31 AR-1260-1

R.T.: 6.337 min
Delta R.T.: -0.004 min
Response: 20308604
Conc: 470.88 ng/ml



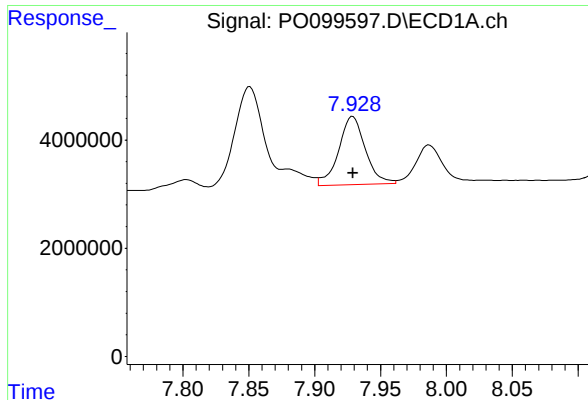
#32 AR-1260-2

R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 25135012
Conc: 492.08 ng/ml



#32 AR-1260-2

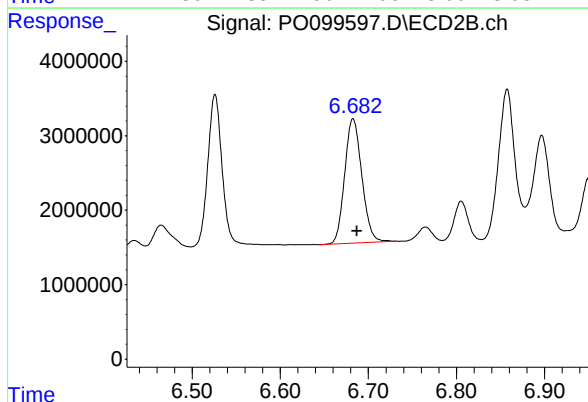
R.T.: 6.526 min
Delta R.T.: -0.004 min
Response: 22795490
Conc: 486.50 ng/ml



#33 AR-1260-3

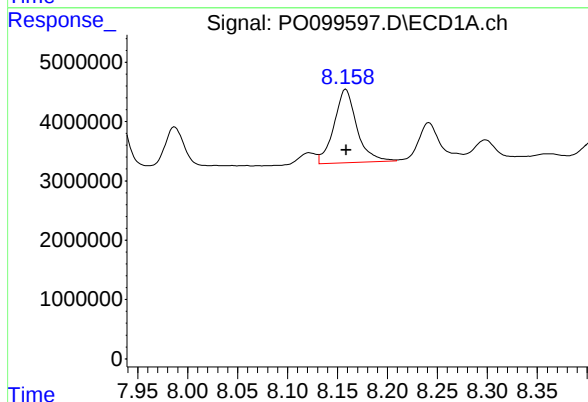
R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 17701910
Conc: 493.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



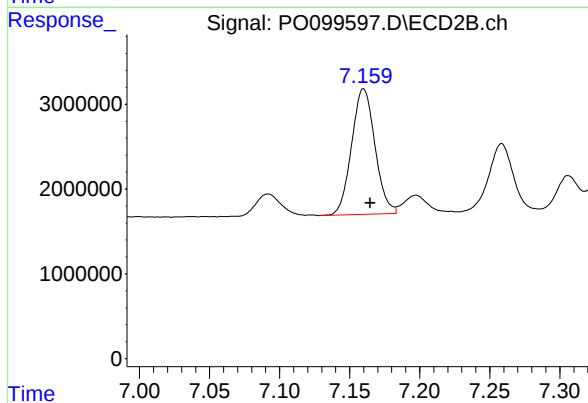
#33 AR-1260-3

R.T.: 6.683 min
Delta R.T.: -0.004 min
Response: 22674839
Conc: 496.80 ng/ml



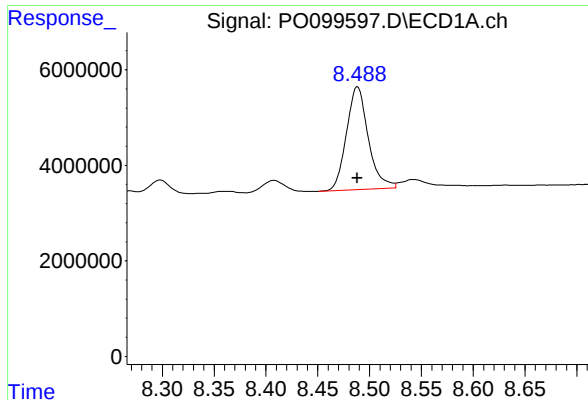
#34 AR-1260-4

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 19743263
Conc: 500.13 ng/ml



#34 AR-1260-4

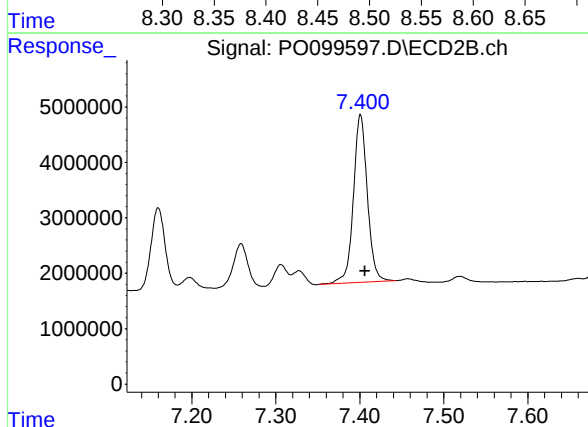
R.T.: 7.160 min
Delta R.T.: -0.005 min
Response: 17198126
Conc: 468.00 ng/ml



#35 AR-1260-5

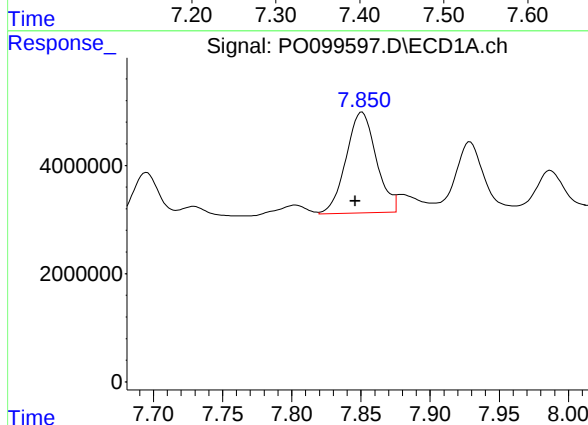
R.T.: 8.489 min
Delta R.T.: 0.000 min
Response: 31409604
Conc: 524.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



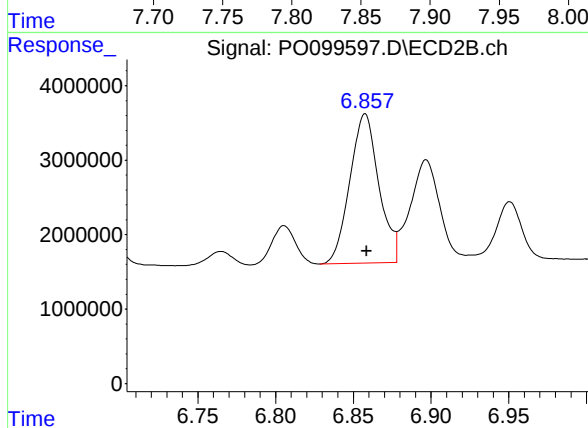
#35 AR-1260-5

R.T.: 7.401 min
Delta R.T.: -0.005 min
Response: 34984568
Conc: 479.96 ng/ml



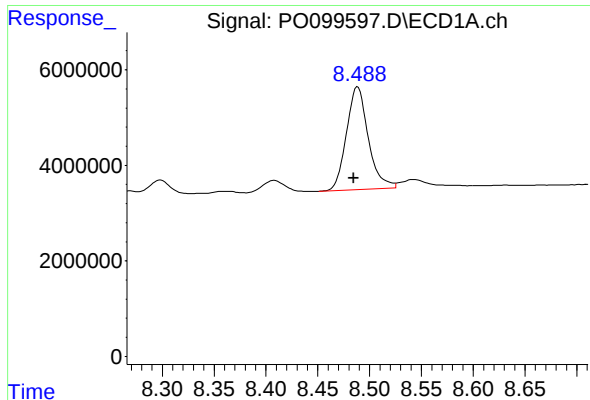
#36 AR-1262-1

R.T.: 7.851 min
Delta R.T.: 0.005 min
Response: 28323901
Conc: 896.69 ng/ml



#36 AR-1262-1

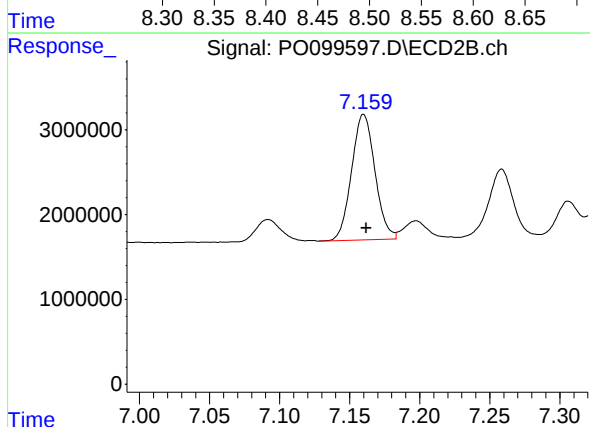
R.T.: 6.858 min
Delta R.T.: -0.001 min
Response: 26069013
Conc: 1060.55 ng/ml



#37 AR-1262-2

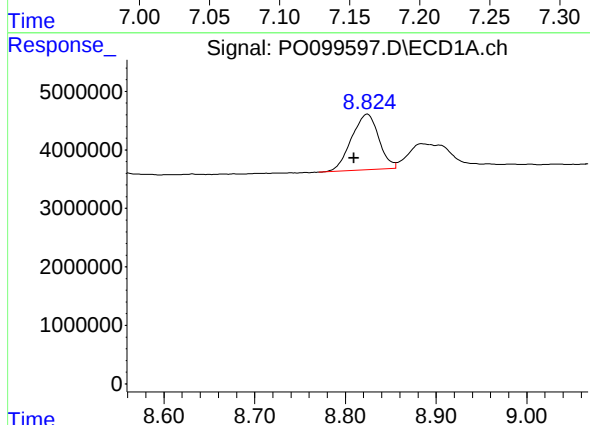
R.T.: 8.489 min
Delta R.T.: 0.004 min
Response: 31409604
Conc: 424.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



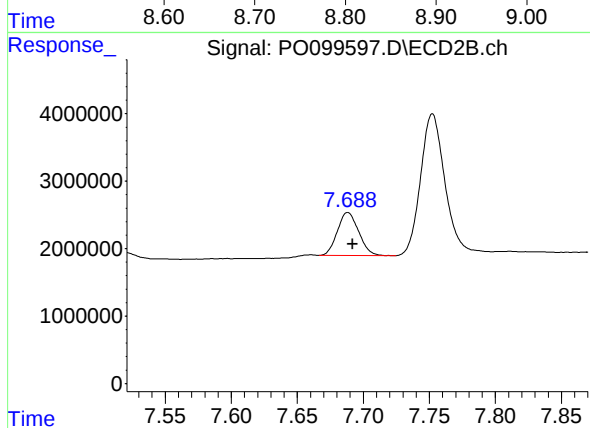
#37 AR-1262-2

R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 17198126
Conc: 346.93 ng/ml



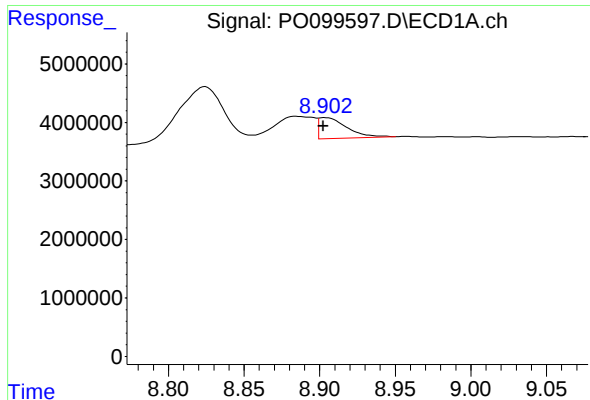
#38 AR-1262-3

R.T.: 8.824 min
Delta R.T.: 0.015 min
Response: 19938746
Conc: 388.23 ng/ml



#38 AR-1262-3

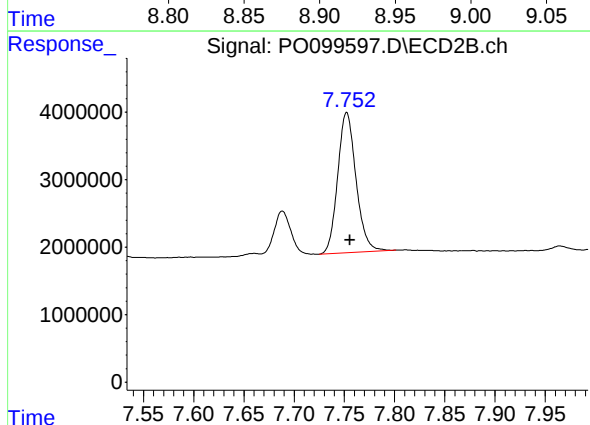
R.T.: 7.688 min
Delta R.T.: -0.004 min
Response: 7151008
Conc: 193.41 ng/ml



#39 AR-1262-4

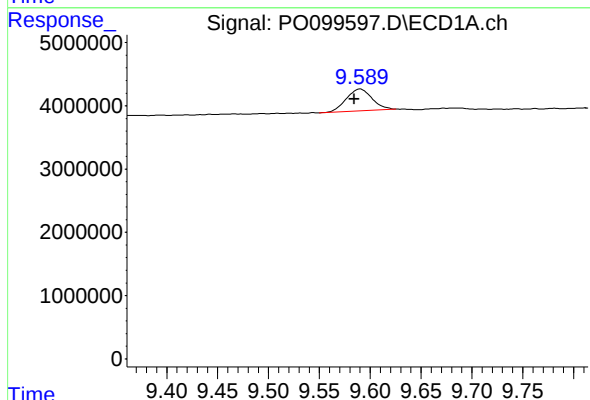
R.T.: 8.903 min
Delta R.T.: 0.000 min
Response: 4653259
Conc: 119.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



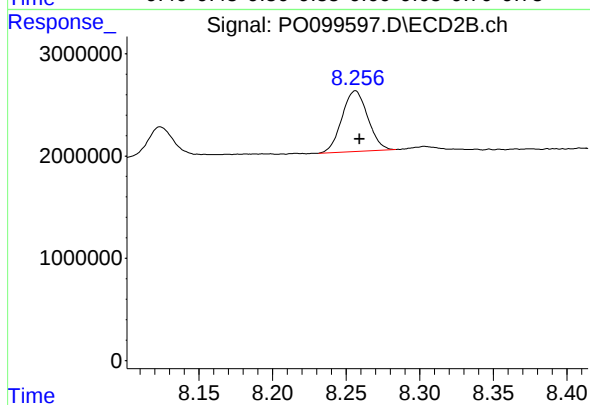
#39 AR-1262-4

R.T.: 7.752 min
Delta R.T.: -0.003 min
Response: 26432620
Conc: 411.48 ng/ml



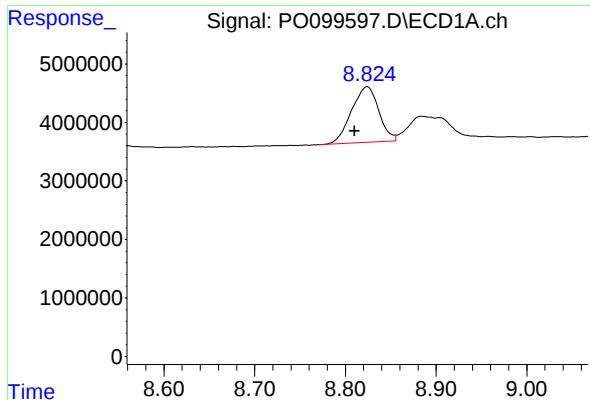
#40 AR-1262-5

R.T.: 9.590 min
Delta R.T.: 0.006 min
Response: 6117191
Conc: 287.82 ng/ml



#40 AR-1262-5

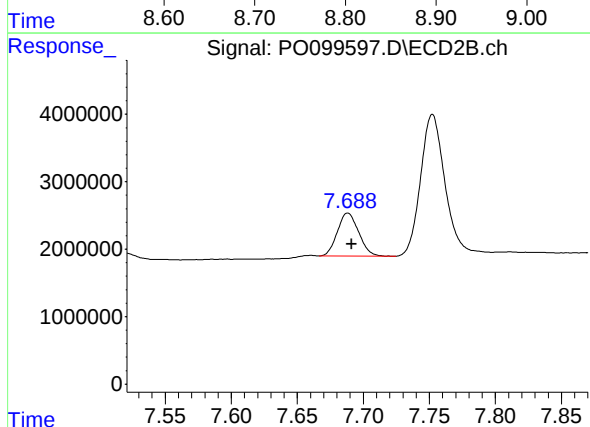
R.T.: 8.256 min
Delta R.T.: -0.003 min
Response: 7239125
Conc: 263.41 ng/ml



#41 AR-1268-1

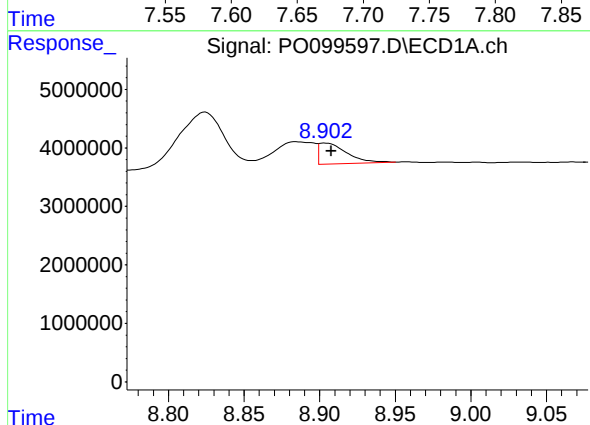
R.T.: 8.824 min
Delta R.T.: 0.014 min
Response: 19938746
Conc: 197.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



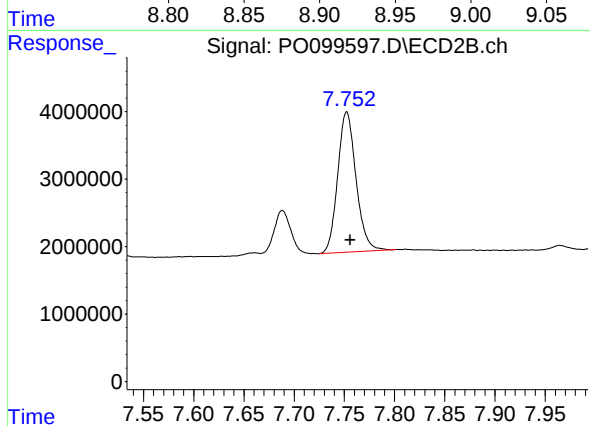
#41 AR-1268-1

R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 7151008
Conc: 65.05 ng/ml



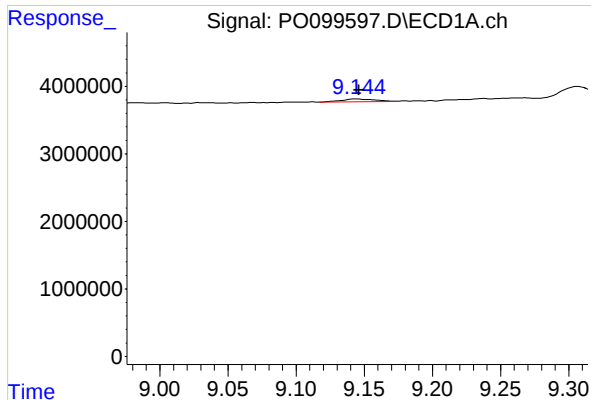
#42 AR-1268-2

R.T.: 8.903 min
Delta R.T.: -0.004 min
Response: 4653259
Conc: 54.85 ng/ml



#42 AR-1268-2

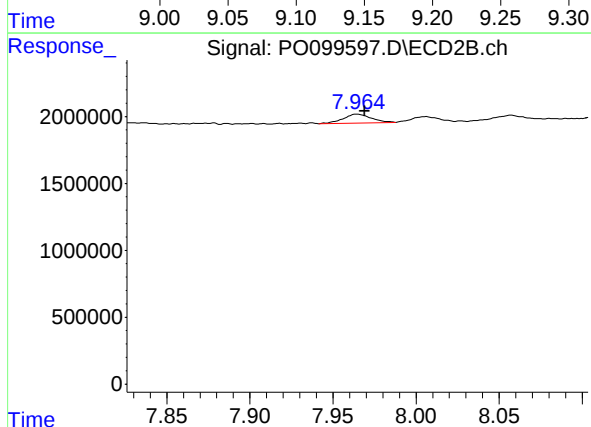
R.T.: 7.752 min
Delta R.T.: -0.004 min
Response: 26432620
Conc: 268.09 ng/ml



#43 AR-1268-3

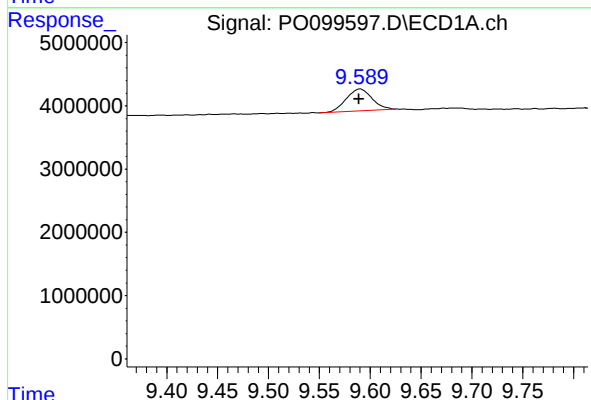
R.T.: 9.144 min
Delta R.T.: -0.002 min
Response: 709075
Conc: 8.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



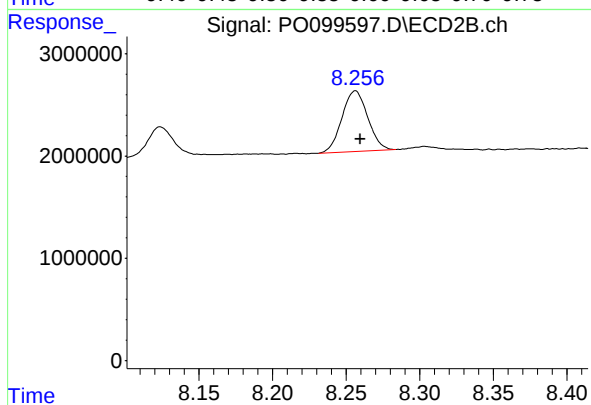
#43 AR-1268-3

R.T.: 7.965 min
Delta R.T.: -0.004 min
Response: 794746
Conc: 8.39 ng/ml



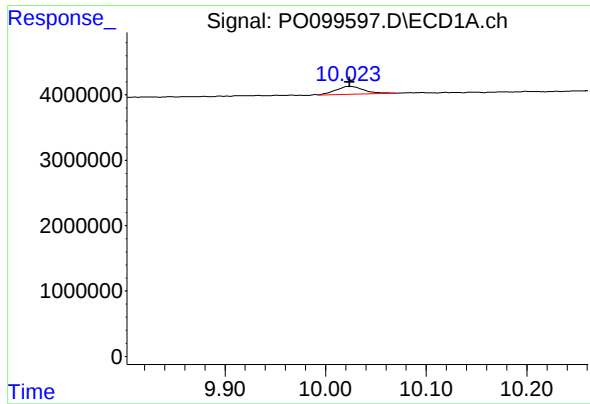
#44 AR-1268-4

R.T.: 9.590 min
Delta R.T.: 0.001 min
Response: 6117191
Conc: 251.62 ng/ml



#44 AR-1268-4

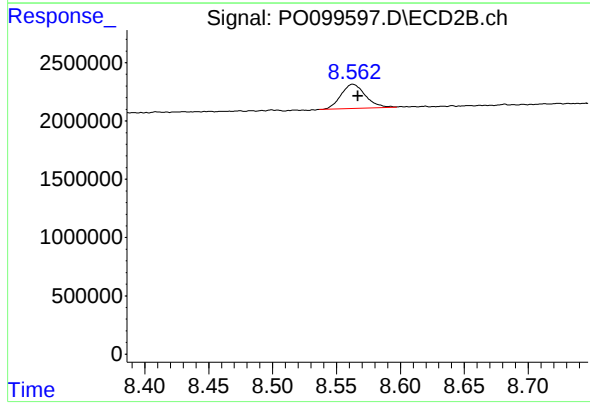
R.T.: 8.256 min
Delta R.T.: -0.003 min
Response: 7239125
Conc: 241.65 ng/ml



#45 AR-1268-5

R.T.: 10.024 min
Delta R.T.: 0.000 min
Response: 2358407
Conc: 11.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 2742314
Conc: 10.90 ng/ml