

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111623\
 Data File : P0099899.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2023 02:09
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 03:07:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 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...	4.488	3.715	83013986	64001959	48.543	54.183
2) SA Decachlor...	10.367	8.813	50286119	46059062	53.858	46.925
Target Compounds						
3) L1 AR-1016-1	5.673	4.819	18420078	11820250	416.353	443.741
4) L1 AR-1016-2	5.696	4.839	27857638	16127702	408.033	434.926
5) L1 AR-1016-3	5.759	5.018	18175356	9164621	397.665	464.159
6) L1 AR-1016-4	5.858	5.060	14056688	7691074	407.226	456.330
7) L1 AR-1016-5	6.158	5.277	14124568	9879691	423.265	495.425
8) L2 AR-1221-1	4.695	3.930	2829344	2210374	134.748	146.385
9) L2 AR-1221-2	4.787	4.019	3945350	2967752	256.854	280.852
10) L2 AR-1221-3	4.864	4.096	12287134	9265529	272.795	304.133
11) L3 AR-1232-1	4.864	4.096	12287134	9265529	332.605	361.541
12) L3 AR-1232-2	5.402	4.839	15862344	16127702	861.548	905.316
13) L3 AR-1232-3	5.696	5.018	27857638	9164621	882.587	999.772
14) L3 AR-1232-4	5.858	5.102	14056688	9893405	919.444	1160.395 #
15) L3 AR-1232-5	5.950	5.277	12654530	9879691	984.497	1076.740
16) L4 AR-1242-1	5.673	4.819	18420078	11820250	502.803	514.533
17) L4 AR-1242-2	5.696	4.839	27857638	16127702	491.825	513.390
18) L4 AR-1242-3	5.759	5.018	18175356	9164621	479.636	547.611
19) L4 AR-1242-4	5.858	5.102	14056688	9893405	490.128	572.554
20) L4 AR-1242-5	6.606	5.632	13741501	11421882	559.098	574.117
21) L5 AR-1248-1	5.673	4.819	18420078	11820250	685.455	675.558
22) L5 AR-1248-2	5.950	5.060	12654530	7691074	297.882	319.983
23) L5 AR-1248-3	6.158	5.102	14124568	9893405	306.983	400.453 #
24) L5 AR-1248-4	6.566	5.277	13009140	9879691	313.622	349.929
25) L5 AR-1248-5	6.606	5.674	13741501	9840270	337.153	387.208
26) L6 AR-1254-1	6.539	5.632	10505567	11421882	216.979	275.813 #
27) L6 AR-1254-2	6.764	5.782	11372857	3539035	161.170	93.191 #
28) L6 AR-1254-3	7.131	6.191	5796811	4592333	85.390	71.030
29) L6 AR-1254-4	7.420	6.421	3261979	3068962	82.291	89.562
30) L6 AR-1254-5	7.843	6.844	1222938	1635648	24.904	26.668
31) L7 AR-1260-1	7.299	6.338	1180897	1759469	21.164	36.549 #
32) L7 AR-1260-2	7.558	6.509	887907	1069529	14.718	18.859 #
33) L7 AR-1260-3	7.928	6.667	54871	735768	1.313	13.310 #
34) L7 AR-1260-4	8.159	7.145	67115	98405	1.363	2.233 #
35) L7 AR-1260-5	8.485	7.388	55286	150837	0.659	1.518 #
36) L8 AR-1262-1	7.843	6.844	1222938	1635648	27.291	50.268 #
37) L8 AR-1262-2	8.485	7.145	55286	98405	0.537	1.505 #
38) L8 AR-1262-3	8.818	7.704	110019	440949	1.500	8.577 #
39) L8 AR-1262-4	8.896	7.733	33660	416035	0.581	4.669 #
40) L8 AR-1262-5	9.580	8.256	24508	29891	0.749	0.767
41) L9 AR-1268-1	8.818	7.704	110019	440949	0.828	3.082 #

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Integration File signal 1: autoint1.e
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 Quant Time: Nov 17 03:07:11 2023
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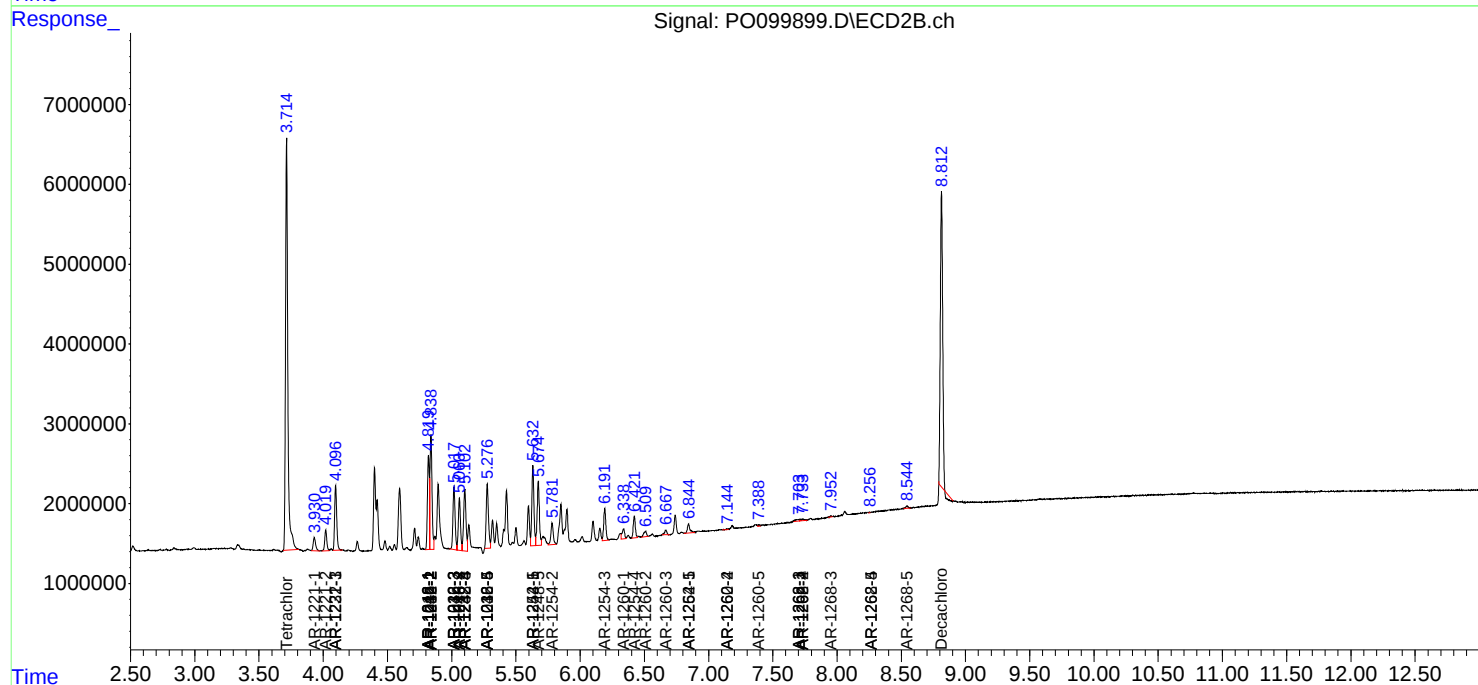
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

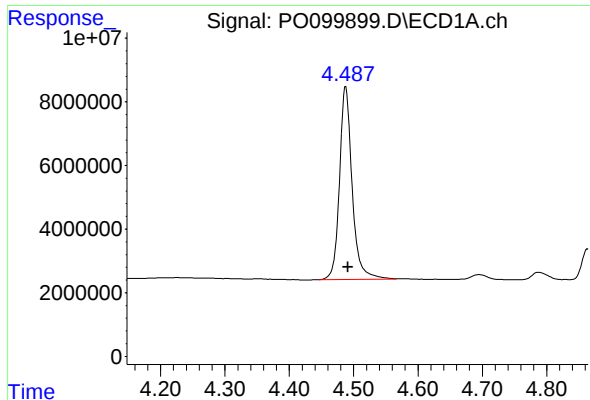
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.896	7.733	33660	416035	0.293	3.194 #
43) L9	AR-1268-3	9.132	7.951	118205	120502	1.085	0.990
44) L9	AR-1268-4	9.580	8.256	24508	29891	0.702	0.693
45) L9	AR-1268-5	10.013	8.545	372064	411243	1.163	1.183

(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

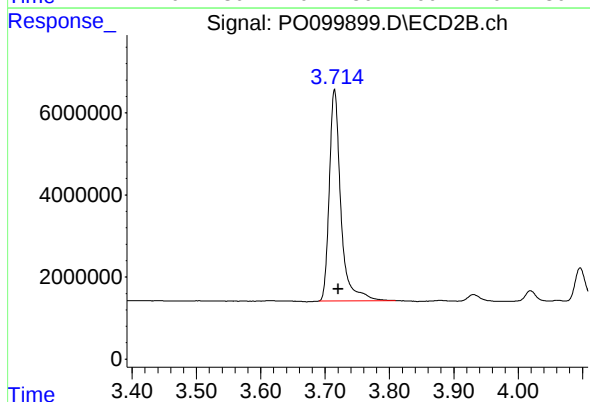




#1 Tetrachloro-m-xylene

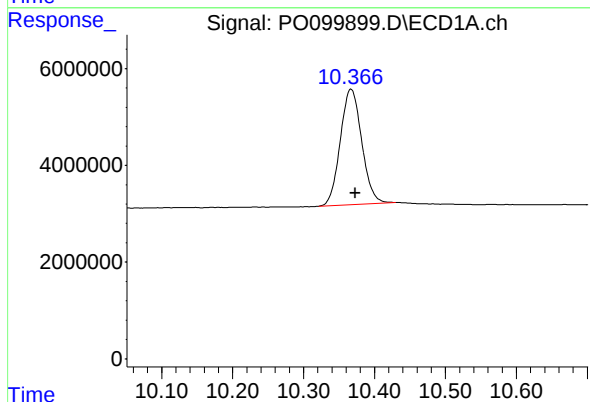
R.T.: 4.488 min
Delta R.T.: -0.003 min
Response: 83013986
Conc: 48.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



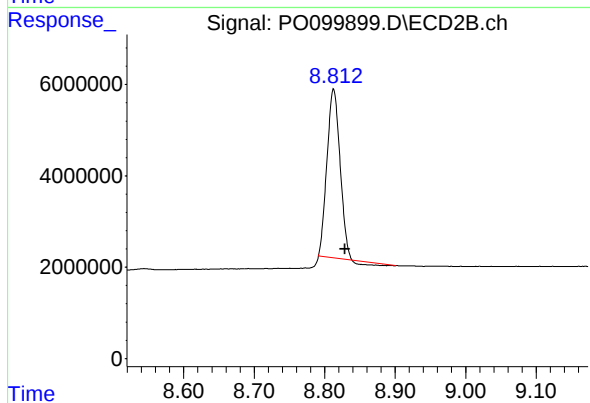
#1 Tetrachloro-m-xylene

R.T.: 3.715 min
Delta R.T.: -0.006 min
Response: 64001959
Conc: 54.18 ng/ml



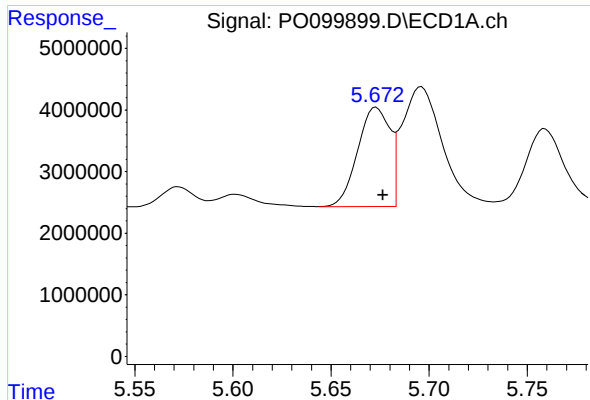
#2 Decachlorobiphenyl

R.T.: 10.367 min
Delta R.T.: -0.006 min
Response: 50286119
Conc: 53.86 ng/ml



#2 Decachlorobiphenyl

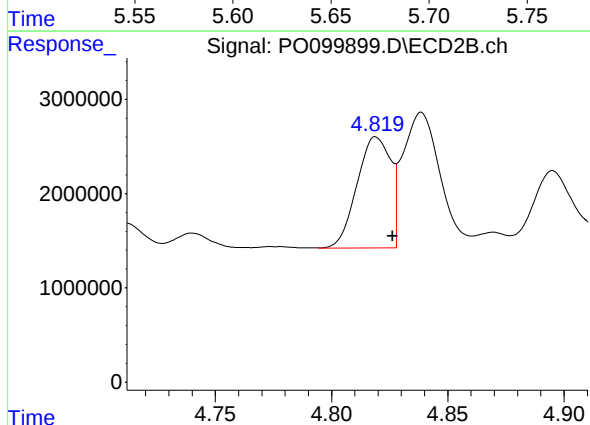
R.T.: 8.813 min
Delta R.T.: -0.016 min
Response: 46059062
Conc: 46.93 ng/ml



#3 AR-1016-1

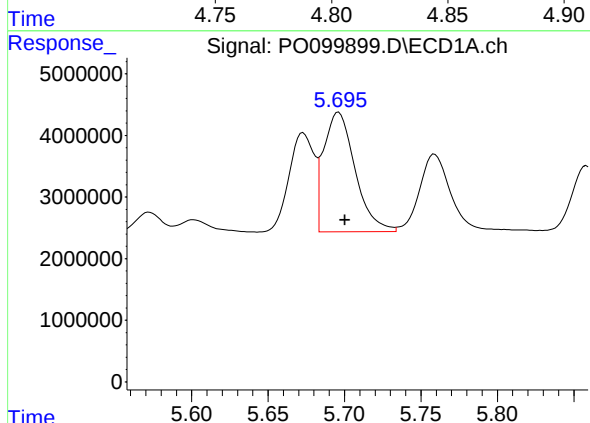
R.T.: 5.673 min
Delta R.T.: -0.003 min
Response: 18420078
Conc: 416.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



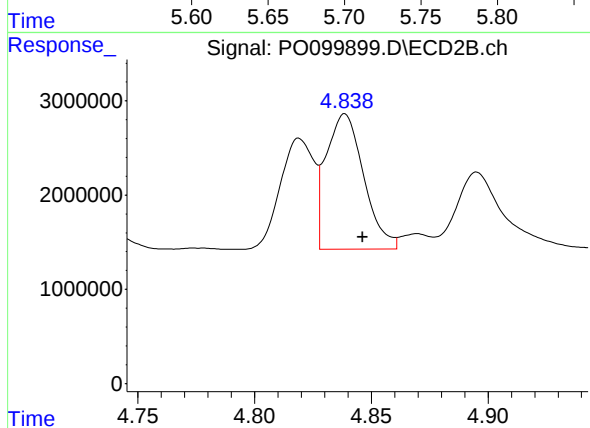
#3 AR-1016-1

R.T.: 4.819 min
Delta R.T.: -0.007 min
Response: 11820250
Conc: 443.74 ng/ml



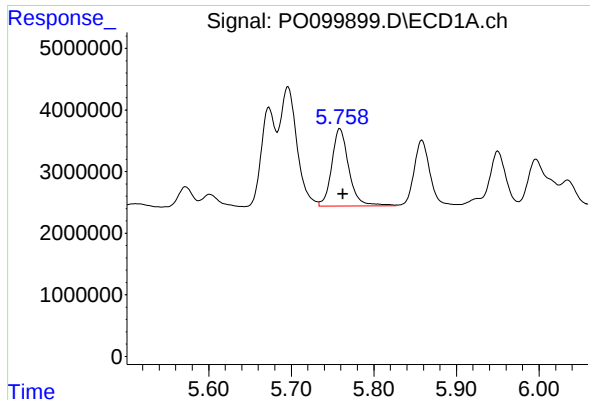
#4 AR-1016-2

R.T.: 5.696 min
Delta R.T.: -0.004 min
Response: 27857638
Conc: 408.03 ng/ml



#4 AR-1016-2

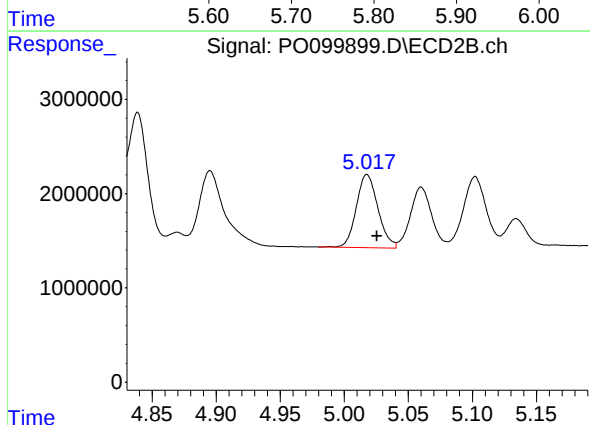
R.T.: 4.839 min
Delta R.T.: -0.008 min
Response: 16127702
Conc: 434.93 ng/ml



#5 AR-1016-3

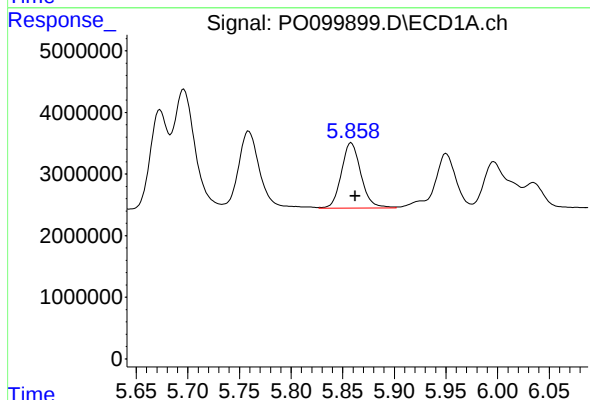
R.T.: 5.759 min
Delta R.T.: -0.004 min
Response: 18175356
Conc: 397.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



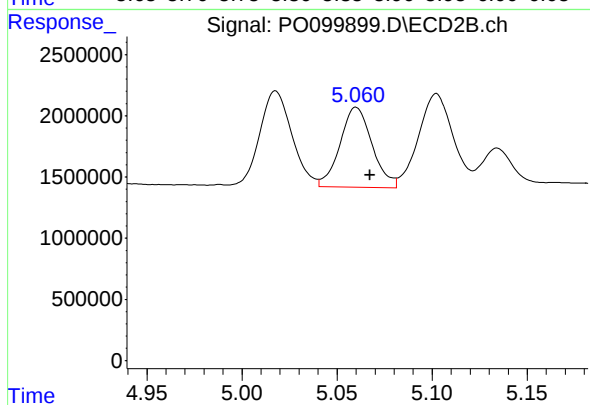
#5 AR-1016-3

R.T.: 5.018 min
Delta R.T.: -0.008 min
Response: 9164621
Conc: 464.16 ng/ml



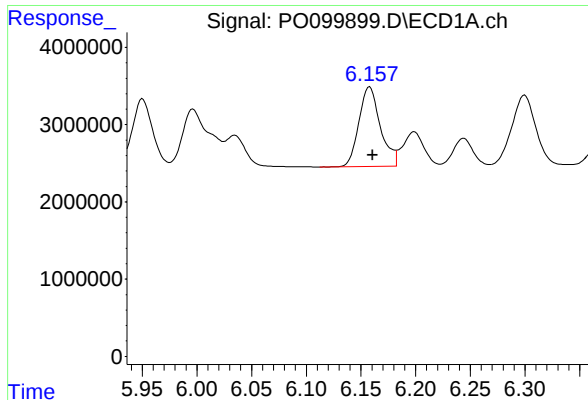
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: -0.004 min
Response: 14056688
Conc: 407.23 ng/ml



#6 AR-1016-4

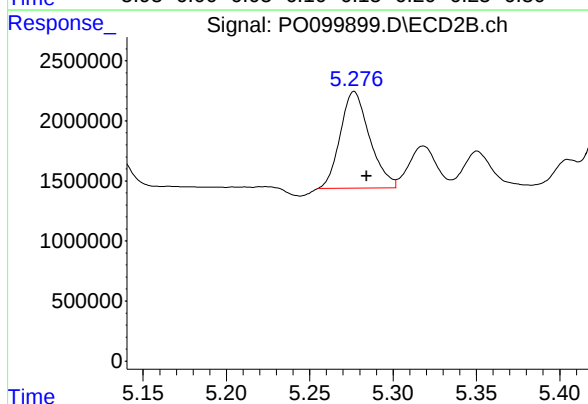
R.T.: 5.060 min
Delta R.T.: -0.007 min
Response: 7691074
Conc: 456.33 ng/ml



#7 AR-1016-5

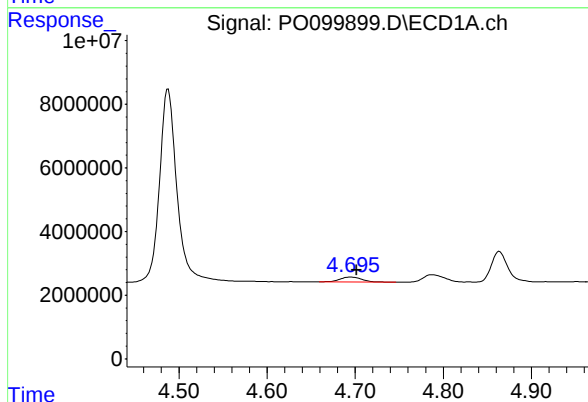
R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 14124568
Conc: 423.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



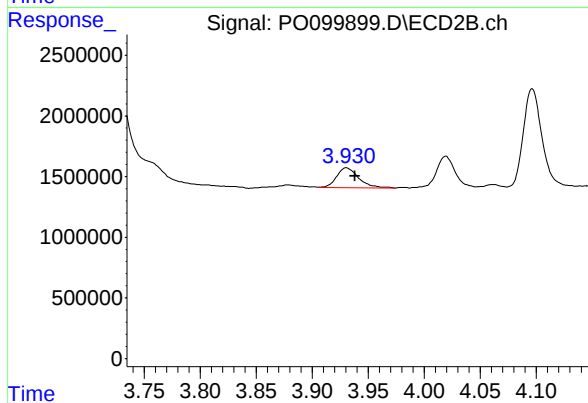
#7 AR-1016-5

R.T.: 5.277 min
Delta R.T.: -0.008 min
Response: 9879691
Conc: 495.43 ng/ml



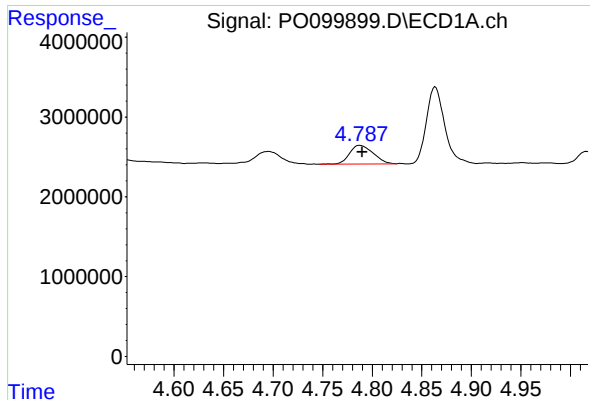
#8 AR-1221-1

R.T.: 4.695 min
Delta R.T.: -0.006 min
Response: 2829344
Conc: 134.75 ng/ml



#8 AR-1221-1

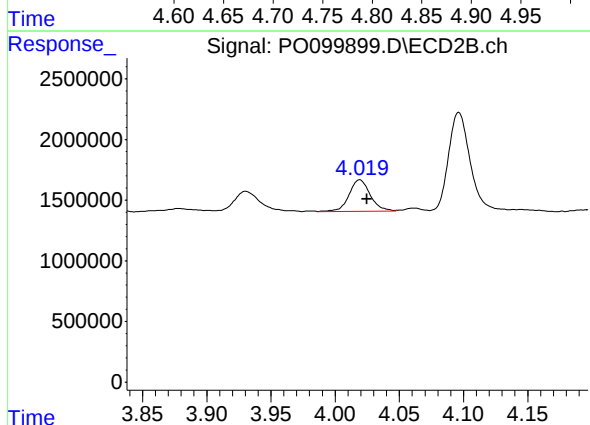
R.T.: 3.930 min
Delta R.T.: -0.008 min
Response: 2210374
Conc: 146.39 ng/ml



#9 AR-1221-2

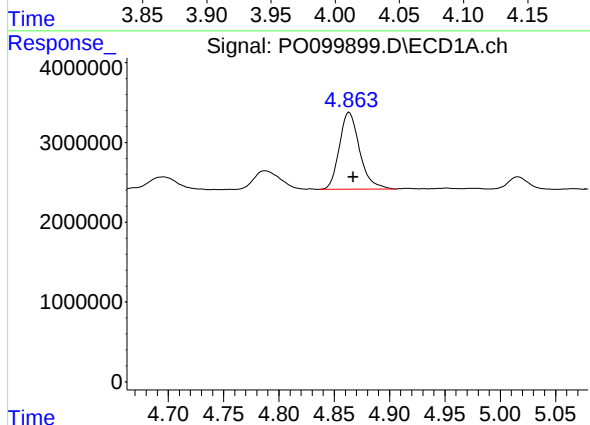
R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 3945350
Conc: 256.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



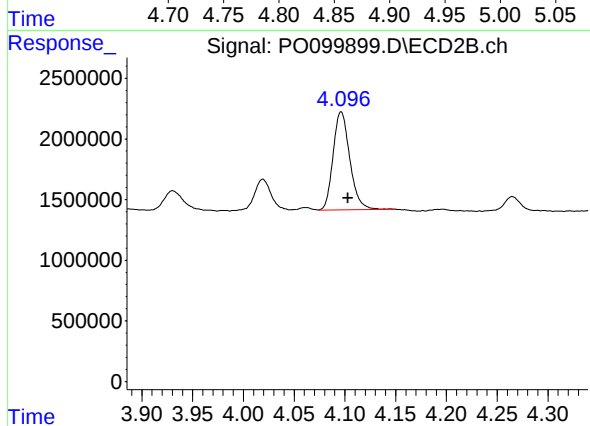
#9 AR-1221-2

R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 2967752
Conc: 280.85 ng/ml



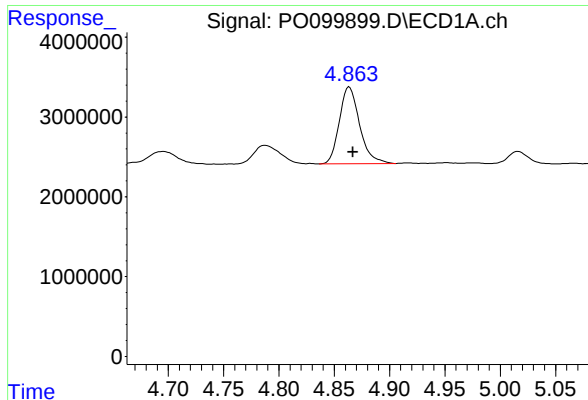
#10 AR-1221-3

R.T.: 4.864 min
Delta R.T.: -0.004 min
Response: 12287134
Conc: 272.79 ng/ml



#10 AR-1221-3

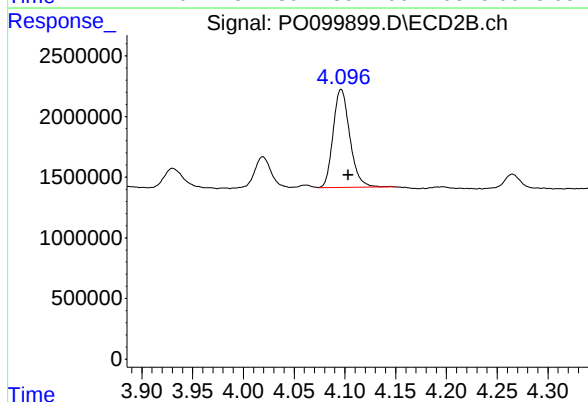
R.T.: 4.096 min
Delta R.T.: -0.007 min
Response: 9265529
Conc: 304.13 ng/ml



#11 AR-1232-1

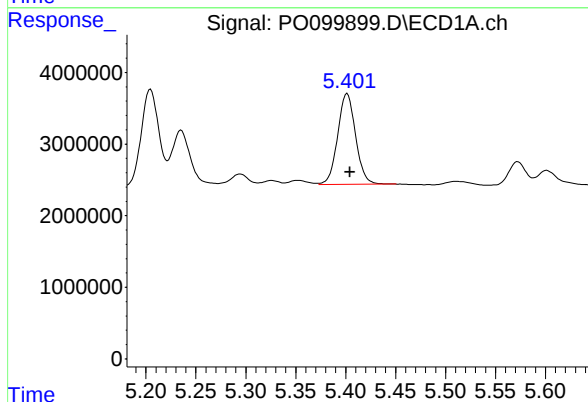
R.T.: 4.864 min
Delta R.T.: -0.003 min
Response: 12287134
Conc: 332.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



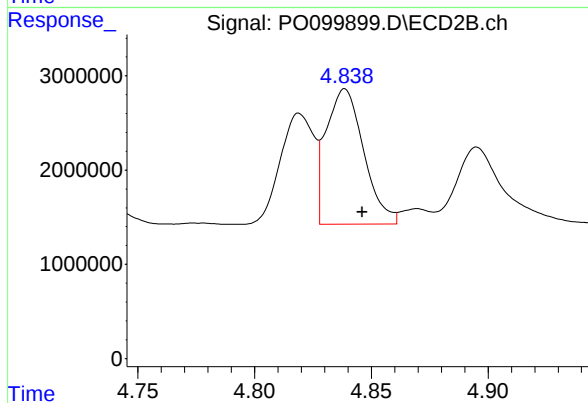
#11 AR-1232-1

R.T.: 4.096 min
Delta R.T.: -0.007 min
Response: 9265529
Conc: 361.54 ng/ml



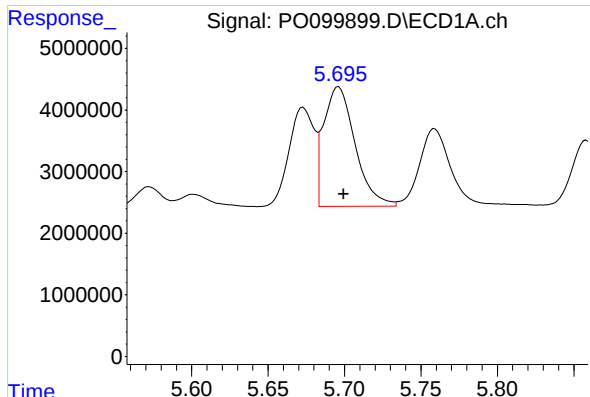
#12 AR-1232-2

R.T.: 5.402 min
Delta R.T.: -0.003 min
Response: 15862344
Conc: 861.55 ng/ml



#12 AR-1232-2

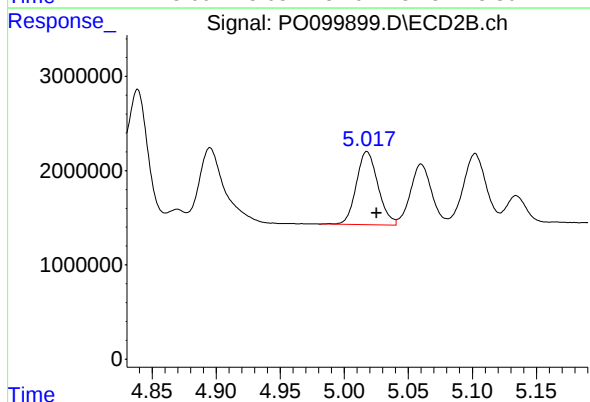
R.T.: 4.839 min
Delta R.T.: -0.007 min
Response: 16127702
Conc: 905.32 ng/ml



#13 AR-1232-3

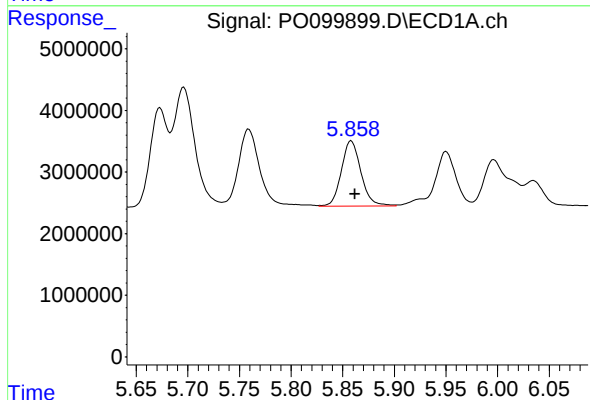
R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 27857638
Conc: 882.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



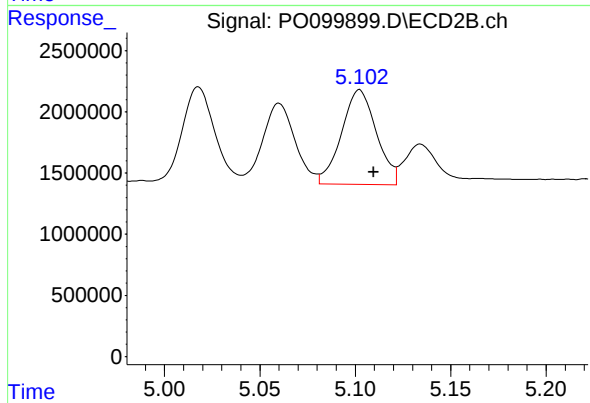
#13 AR-1232-3

R.T.: 5.018 min
Delta R.T.: -0.008 min
Response: 9164621
Conc: 999.77 ng/ml



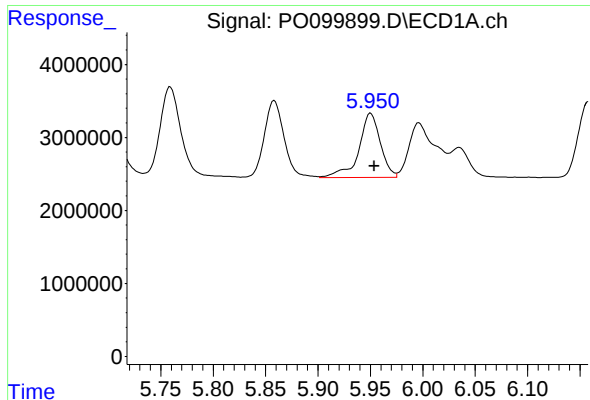
#14 AR-1232-4

R.T.: 5.858 min
Delta R.T.: -0.003 min
Response: 14056688
Conc: 919.44 ng/ml



#14 AR-1232-4

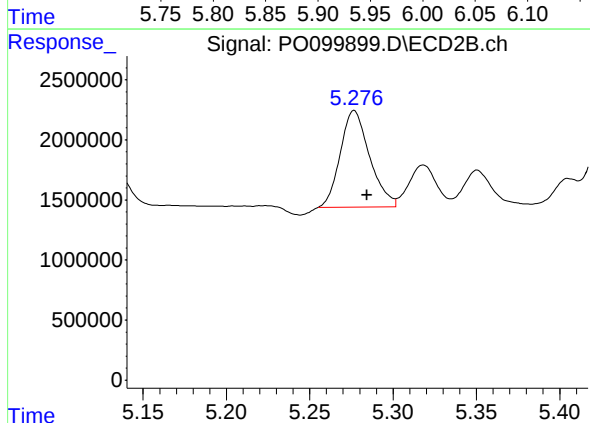
R.T.: 5.102 min
Delta R.T.: -0.007 min
Response: 9893405
Conc: 1160.39 ng/ml



#15 AR-1232-5

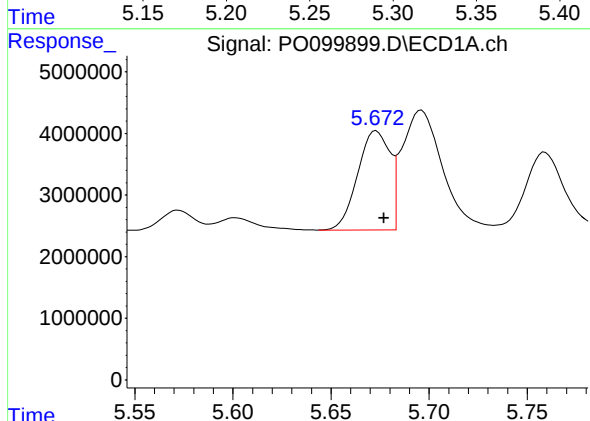
R.T.: 5.950 min
Delta R.T.: -0.004 min
Response: 12654530
Conc: 984.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



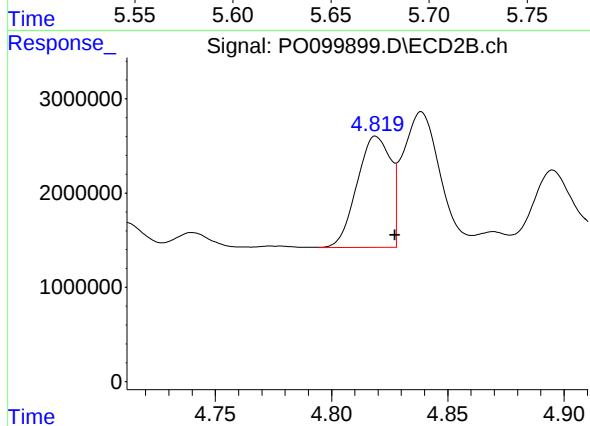
#15 AR-1232-5

R.T.: 5.277 min
Delta R.T.: -0.008 min
Response: 9879691
Conc: 1076.74 ng/ml



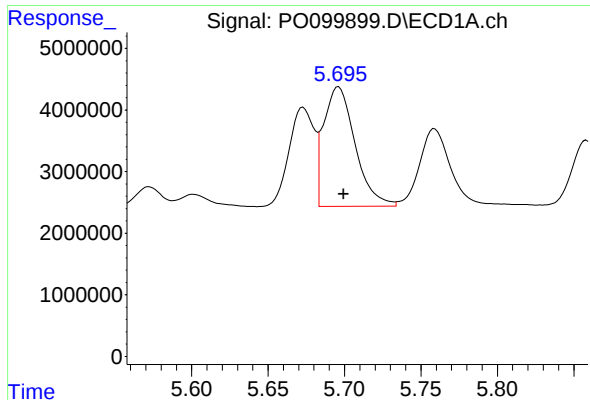
#16 AR-1242-1

R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 18420078
Conc: 502.80 ng/ml



#16 AR-1242-1

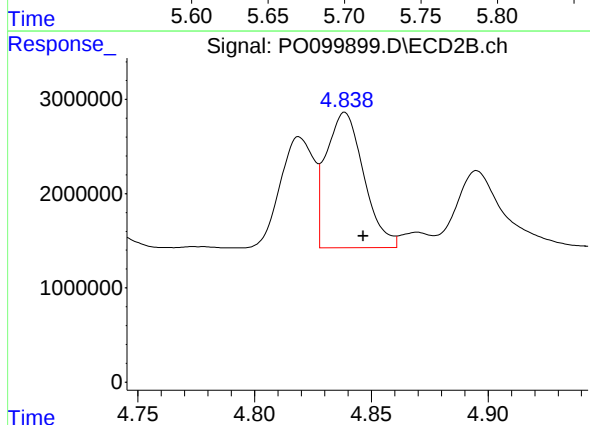
R.T.: 4.819 min
Delta R.T.: -0.008 min
Response: 11820250
Conc: 514.53 ng/ml



#17 AR-1242-2

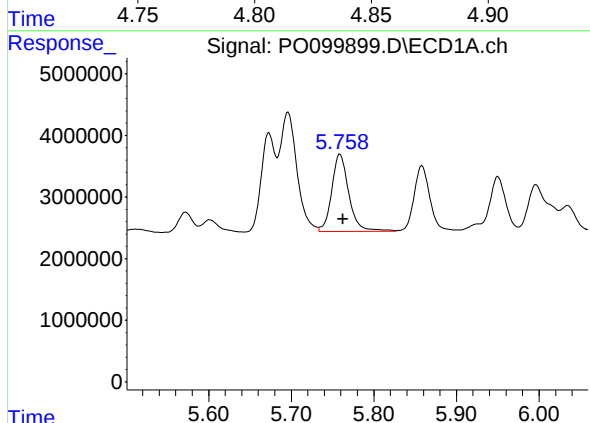
R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 27857638
Conc: 491.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



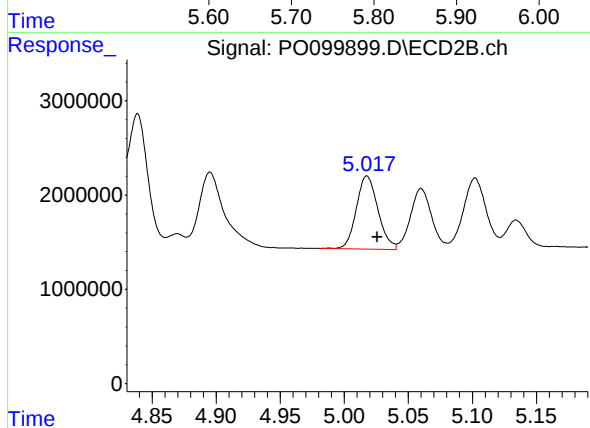
#17 AR-1242-2

R.T.: 4.839 min
Delta R.T.: -0.008 min
Response: 16127702
Conc: 513.39 ng/ml



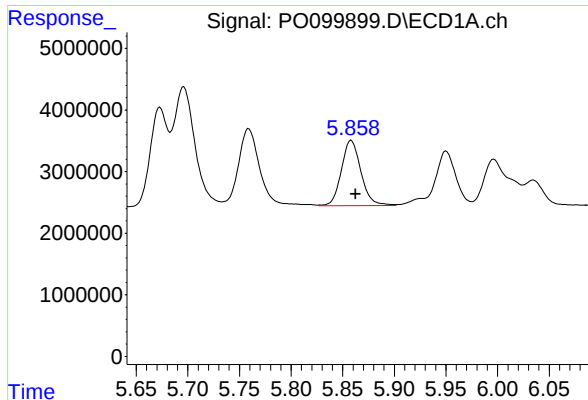
#18 AR-1242-3

R.T.: 5.759 min
Delta R.T.: -0.004 min
Response: 18175356
Conc: 479.64 ng/ml



#18 AR-1242-3

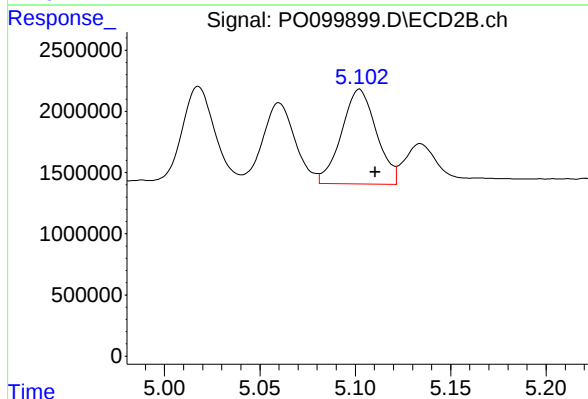
R.T.: 5.018 min
Delta R.T.: -0.008 min
Response: 9164621
Conc: 547.61 ng/ml



#19 AR-1242-4

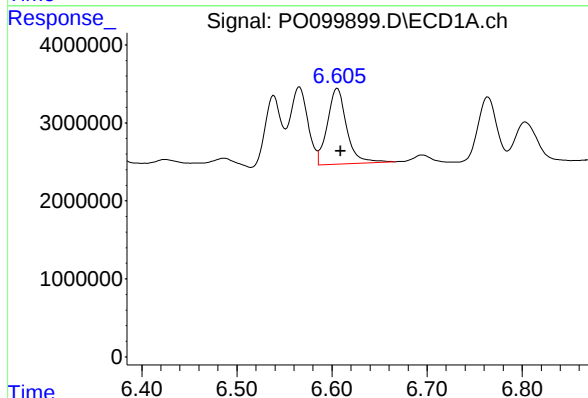
R.T.: 5.858 min
Delta R.T.: -0.004 min
Response: 14056688
Conc: 490.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



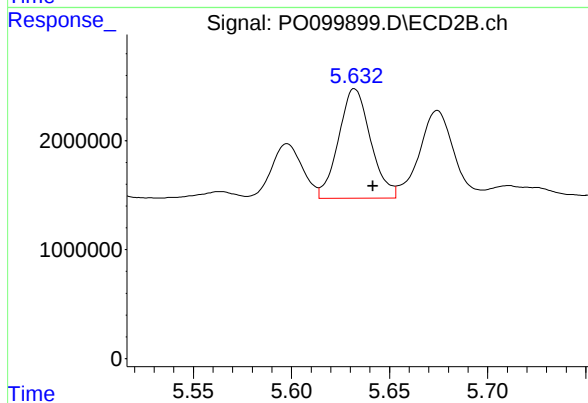
#19 AR-1242-4

R.T.: 5.102 min
Delta R.T.: -0.008 min
Response: 9893405
Conc: 572.55 ng/ml



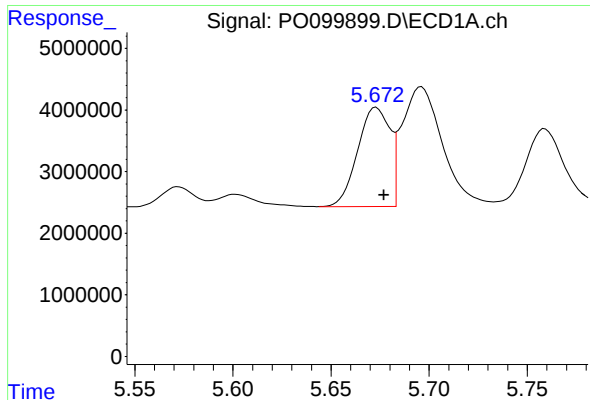
#20 AR-1242-5

R.T.: 6.606 min
Delta R.T.: -0.004 min
Response: 13741501
Conc: 559.10 ng/ml



#20 AR-1242-5

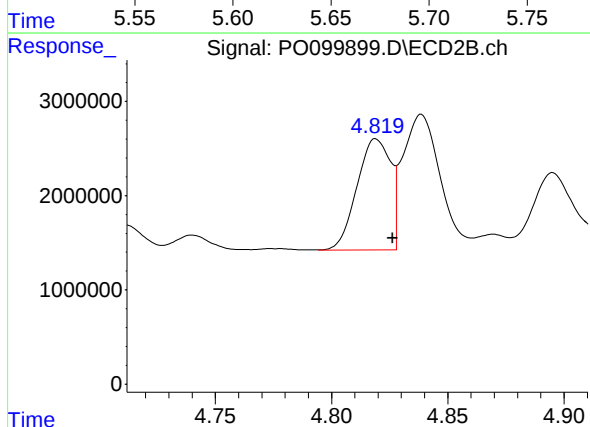
R.T.: 5.632 min
Delta R.T.: -0.009 min
Response: 11421882
Conc: 574.12 ng/ml



#21 AR-1248-1

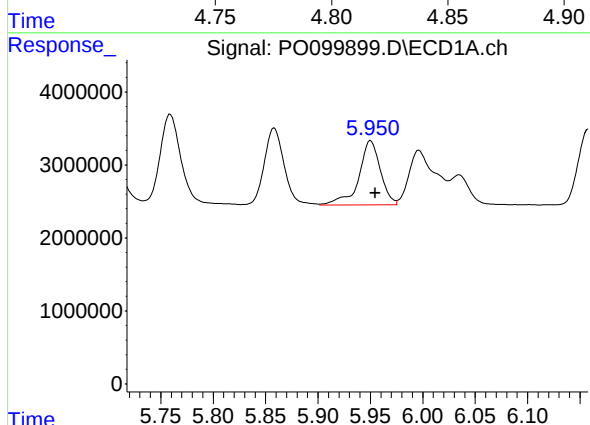
R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 18420078
Conc: 685.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



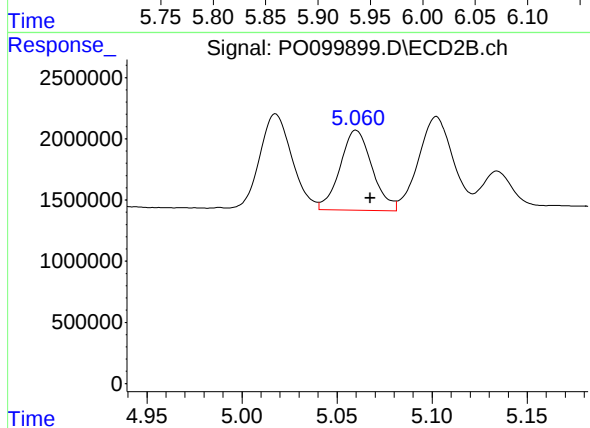
#21 AR-1248-1

R.T.: 4.819 min
Delta R.T.: -0.007 min
Response: 11820250
Conc: 675.56 ng/ml



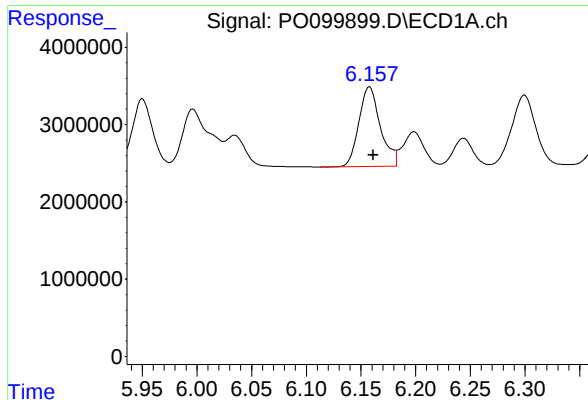
#22 AR-1248-2

R.T.: 5.950 min
Delta R.T.: -0.004 min
Response: 12654530
Conc: 297.88 ng/ml



#22 AR-1248-2

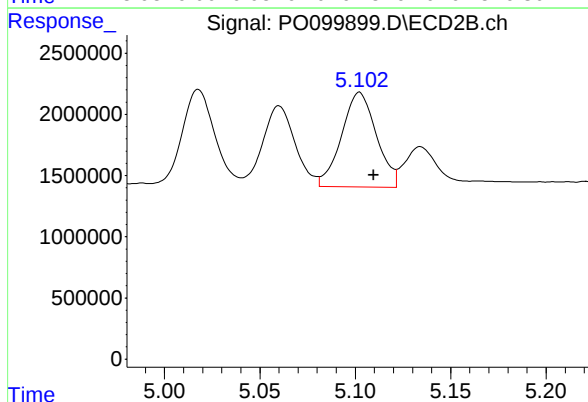
R.T.: 5.060 min
Delta R.T.: -0.007 min
Response: 7691074
Conc: 319.98 ng/ml



#23 AR-1248-3

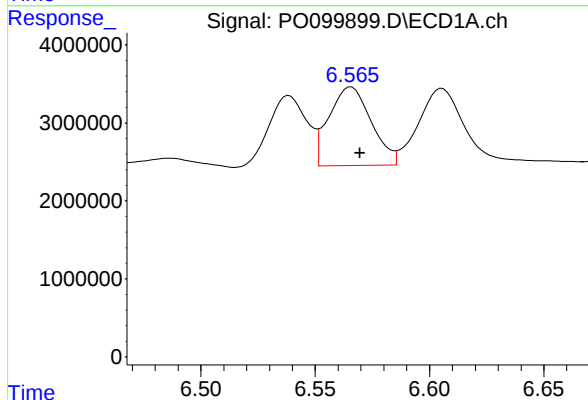
R.T.: 6.158 min
Delta R.T.: -0.003 min
Response: 14124568
Conc: 306.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



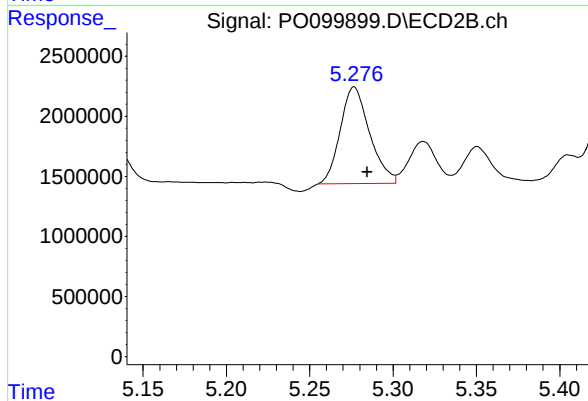
#23 AR-1248-3

R.T.: 5.102 min
Delta R.T.: -0.007 min
Response: 9893405
Conc: 400.45 ng/ml



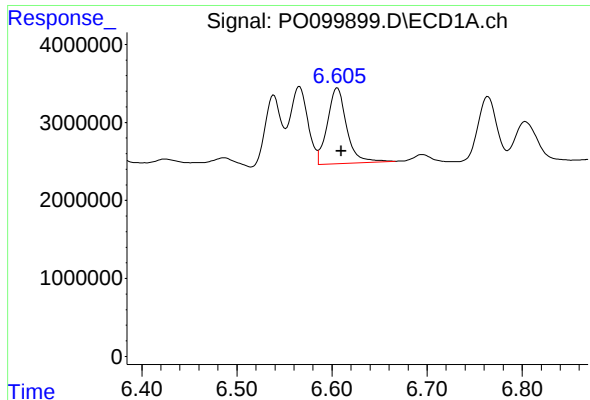
#24 AR-1248-4

R.T.: 6.566 min
Delta R.T.: -0.004 min
Response: 13009140
Conc: 313.62 ng/ml



#24 AR-1248-4

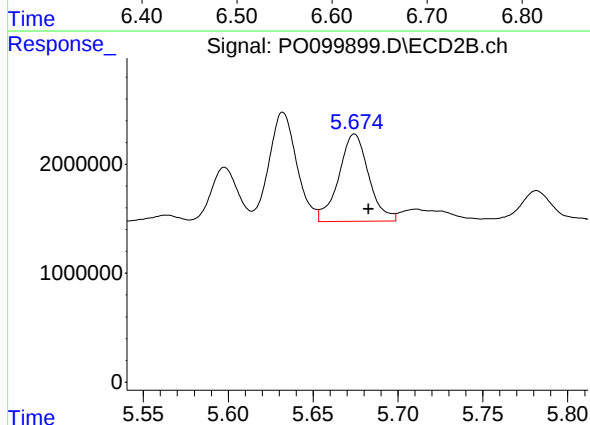
R.T.: 5.277 min
Delta R.T.: -0.008 min
Response: 9879691
Conc: 349.93 ng/ml



#25 AR-1248-5

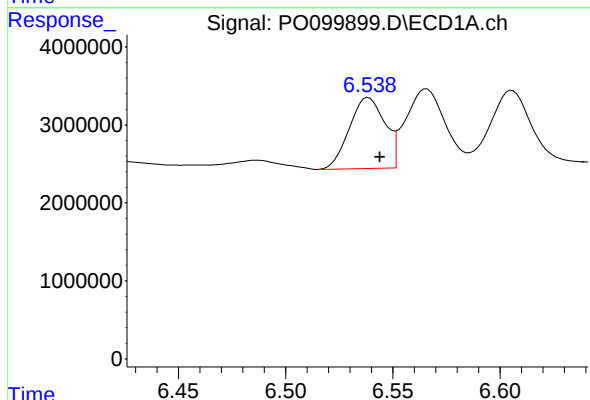
R.T.: 6.606 min
Delta R.T.: -0.004 min
Response: 13741501
Conc: 337.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



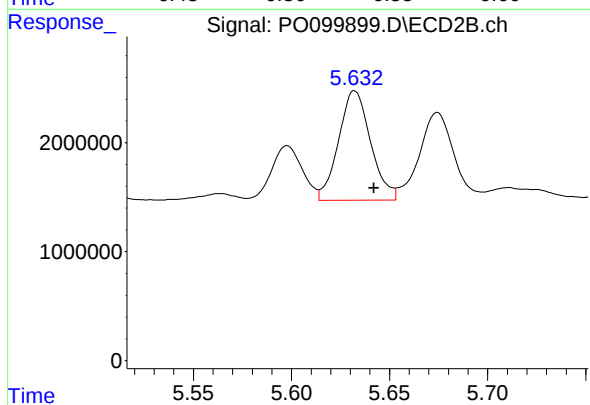
#25 AR-1248-5

R.T.: 5.674 min
Delta R.T.: -0.008 min
Response: 9840270
Conc: 387.21 ng/ml



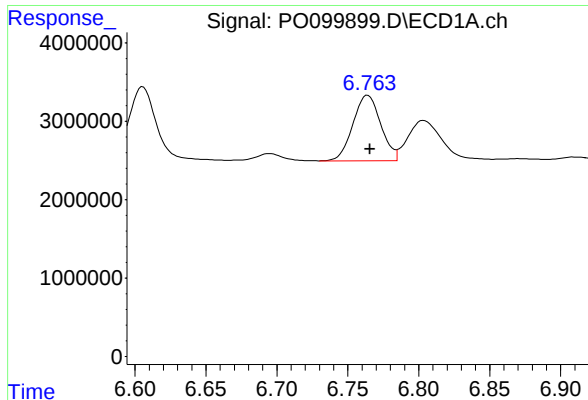
#26 AR-1254-1

R.T.: 6.539 min
Delta R.T.: -0.005 min
Response: 10505567
Conc: 216.98 ng/ml



#26 AR-1254-1

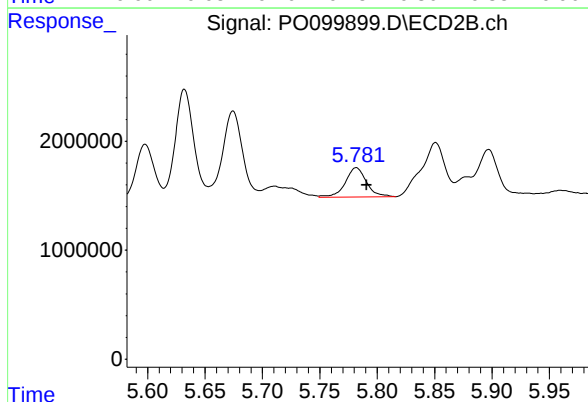
R.T.: 5.632 min
Delta R.T.: -0.010 min
Response: 11421882
Conc: 275.81 ng/ml



#27 AR-1254-2

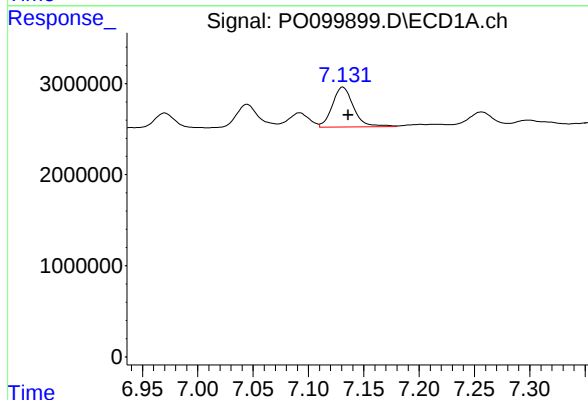
R.T.: 6.764 min
Delta R.T.: -0.002 min
Response: 11372857
Conc: 161.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



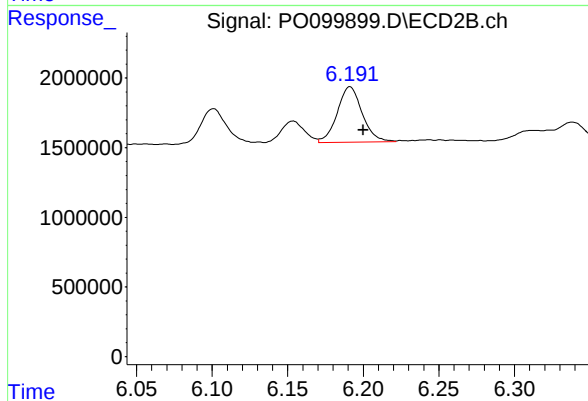
#27 AR-1254-2

R.T.: 5.782 min
Delta R.T.: -0.009 min
Response: 3539035
Conc: 93.19 ng/ml



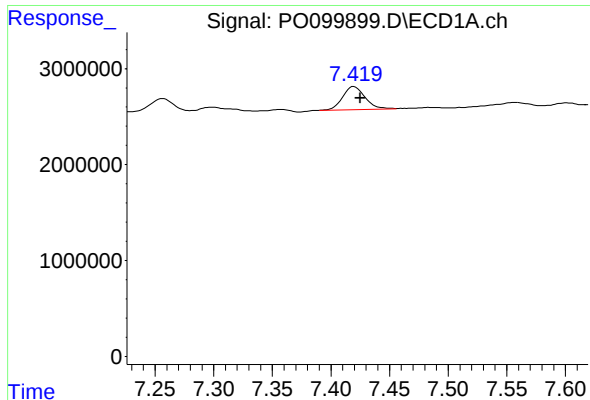
#28 AR-1254-3

R.T.: 7.131 min
Delta R.T.: -0.005 min
Response: 5796811
Conc: 85.39 ng/ml



#28 AR-1254-3

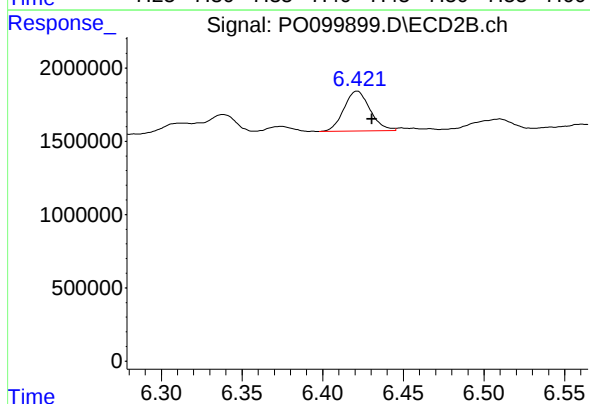
R.T.: 6.191 min
Delta R.T.: -0.009 min
Response: 4592333
Conc: 71.03 ng/ml



#29 AR-1254-4

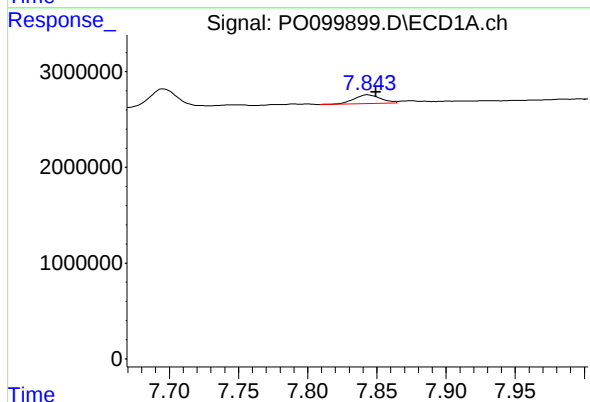
R.T.: 7.420 min
Delta R.T.: -0.006 min
Response: 3261979
Conc: 82.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



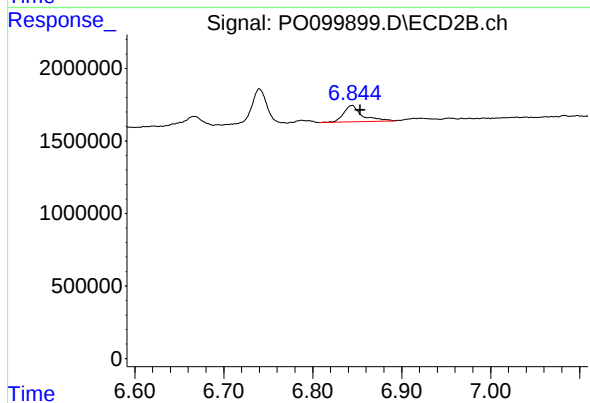
#29 AR-1254-4

R.T.: 6.421 min
Delta R.T.: -0.009 min
Response: 3068962
Conc: 89.56 ng/ml



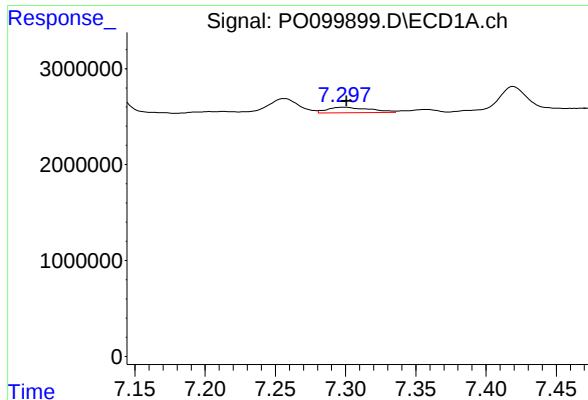
#30 AR-1254-5

R.T.: 7.843 min
Delta R.T.: -0.006 min
Response: 1222938
Conc: 24.90 ng/ml



#30 AR-1254-5

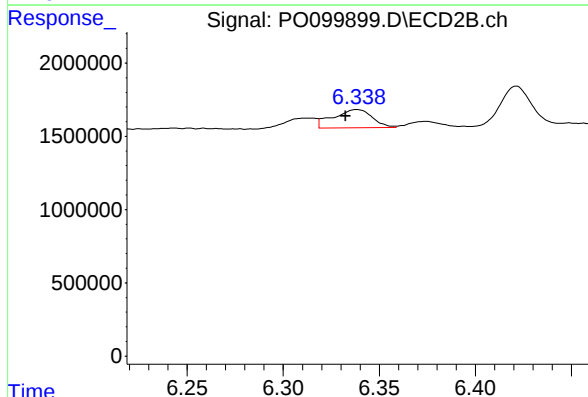
R.T.: 6.844 min
Delta R.T.: -0.009 min
Response: 1635648
Conc: 26.67 ng/ml



#31 AR-1260-1

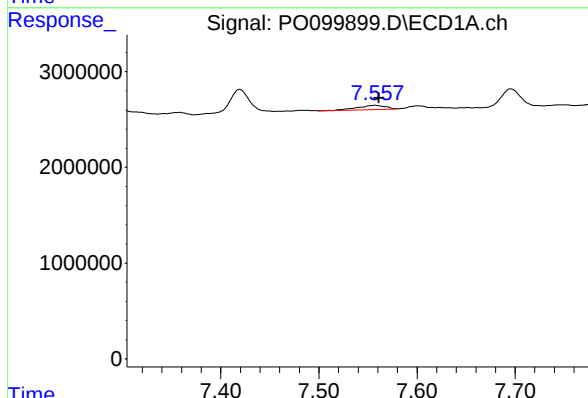
R.T.: 7.299 min
Delta R.T.: -0.002 min
Response: 1180897
Conc: 21.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



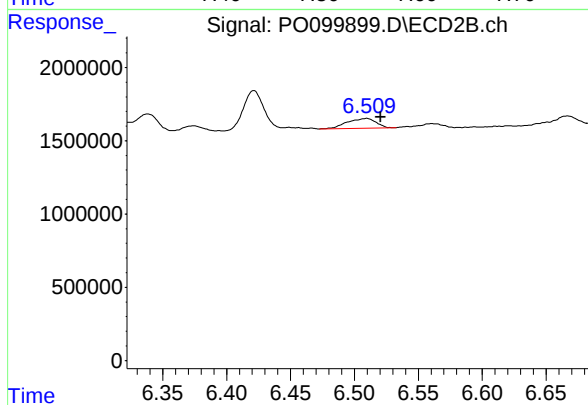
#31 AR-1260-1

R.T.: 6.338 min
Delta R.T.: 0.006 min
Response: 1759469
Conc: 36.55 ng/ml



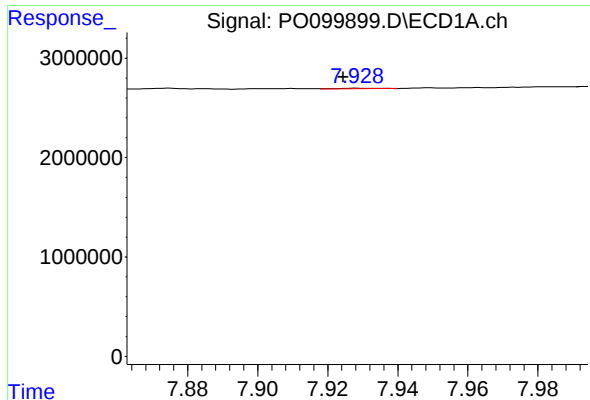
#32 AR-1260-2

R.T.: 7.558 min
Delta R.T.: -0.004 min
Response: 887907
Conc: 14.72 ng/ml



#32 AR-1260-2

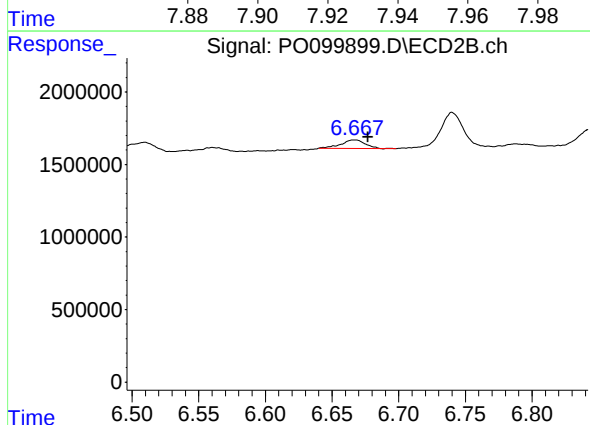
R.T.: 6.509 min
Delta R.T.: -0.011 min
Response: 1069529
Conc: 18.86 ng/ml



#33 AR-1260-3

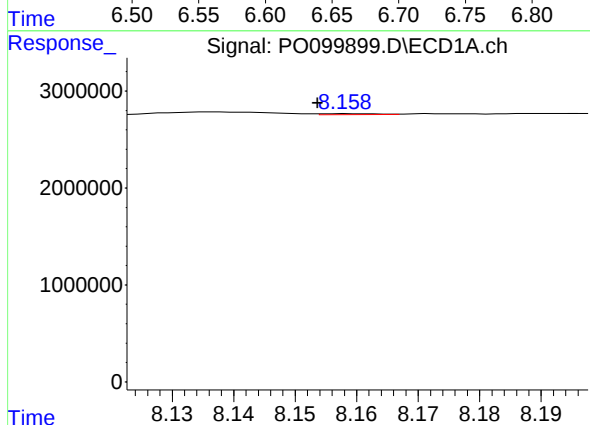
R.T.: 7.928 min
Delta R.T.: 0.004 min
Response: 54871
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



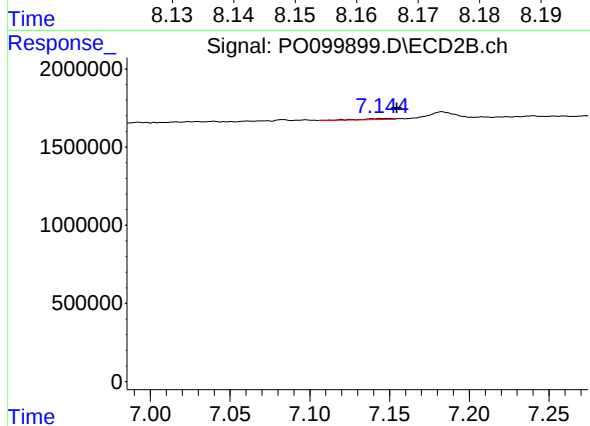
#33 AR-1260-3

R.T.: 6.667 min
Delta R.T.: -0.010 min
Response: 735768
Conc: 13.31 ng/ml



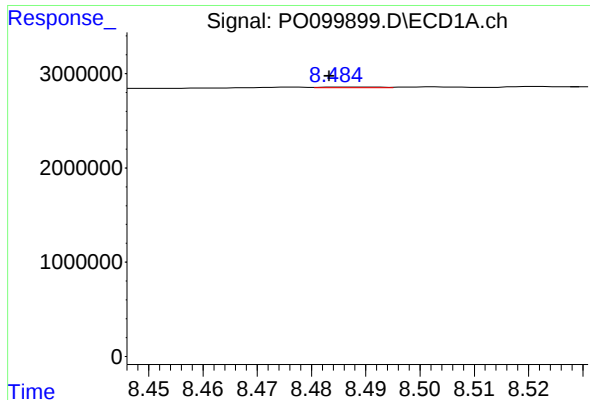
#34 AR-1260-4

R.T.: 8.159 min
Delta R.T.: 0.005 min
Response: 67115
Conc: 1.36 ng/ml



#34 AR-1260-4

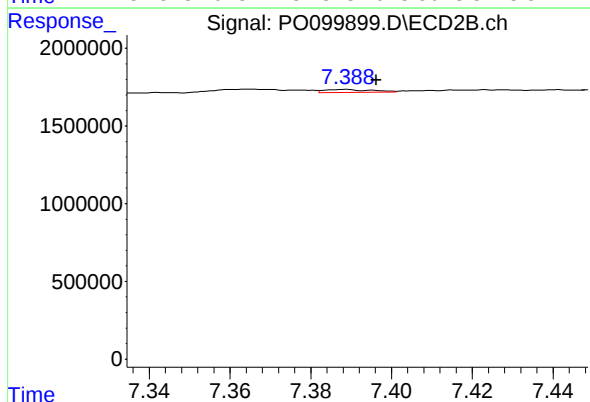
R.T.: 7.145 min
Delta R.T.: -0.010 min
Response: 98405
Conc: 2.23 ng/ml



#35 AR-1260-5

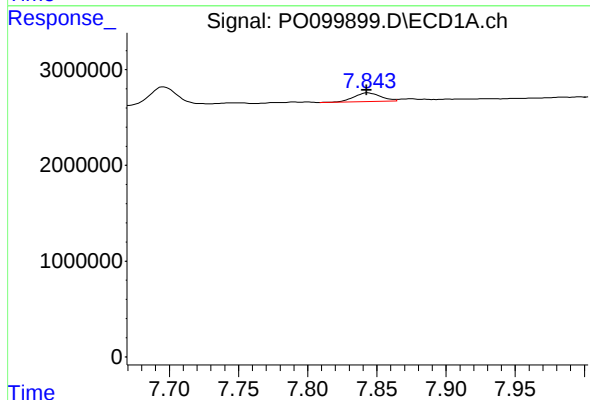
R.T.: 8.485 min
Delta R.T.: 0.002 min
Response: 55286
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



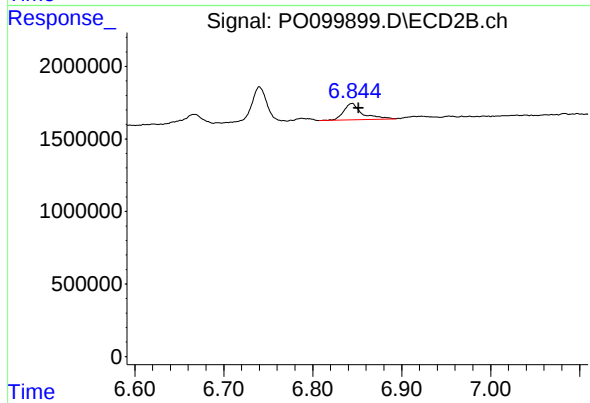
#35 AR-1260-5

R.T.: 7.388 min
Delta R.T.: -0.008 min
Response: 150837
Conc: 1.52 ng/ml



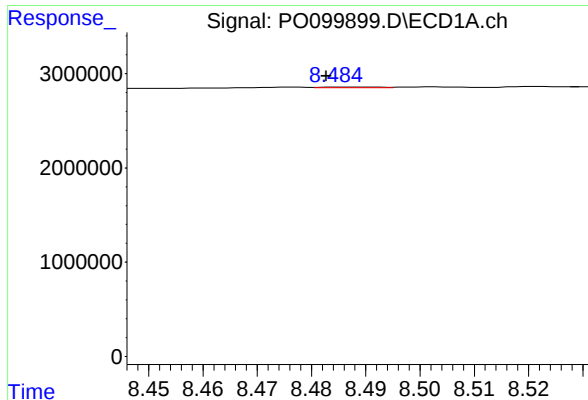
#36 AR-1262-1

R.T.: 7.843 min
Delta R.T.: 0.000 min
Response: 1222938
Conc: 27.29 ng/ml



#36 AR-1262-1

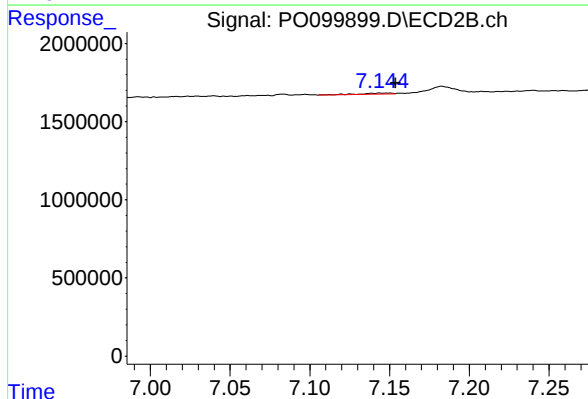
R.T.: 6.844 min
Delta R.T.: -0.008 min
Response: 1635648
Conc: 50.27 ng/ml



#37 AR-1262-2

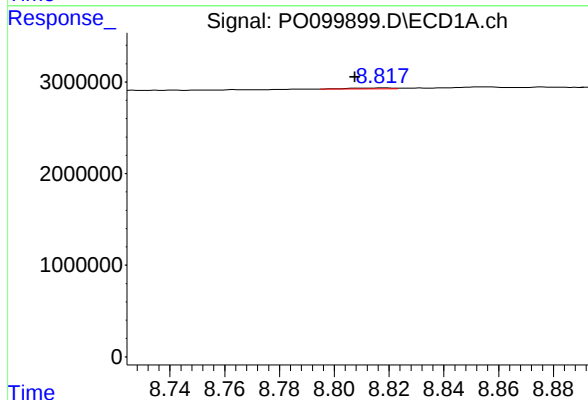
R.T.: 8.485 min
Delta R.T.: 0.002 min
Response: 55286
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



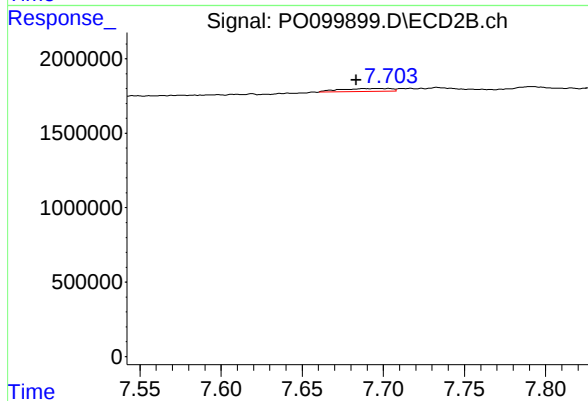
#37 AR-1262-2

R.T.: 7.145 min
Delta R.T.: -0.009 min
Response: 98405
Conc: 1.51 ng/ml



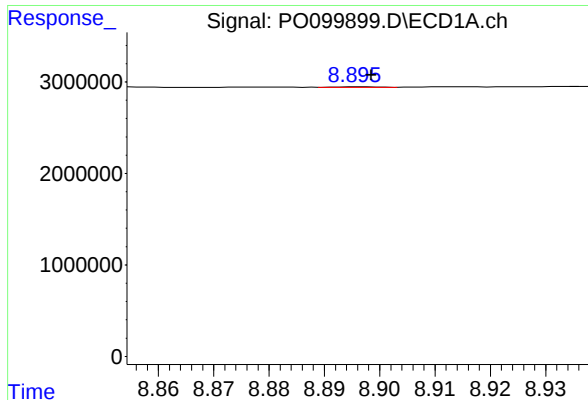
#38 AR-1262-3

R.T.: 8.818 min
Delta R.T.: 0.011 min
Response: 110019
Conc: 1.50 ng/ml



#38 AR-1262-3

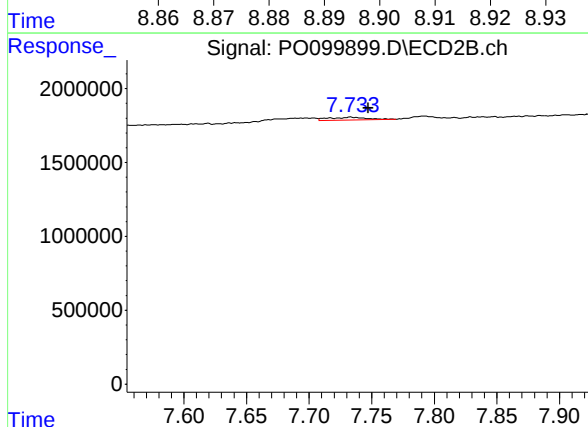
R.T.: 7.704 min
Delta R.T.: 0.020 min
Response: 440949
Conc: 8.58 ng/ml



#39 AR-1262-4

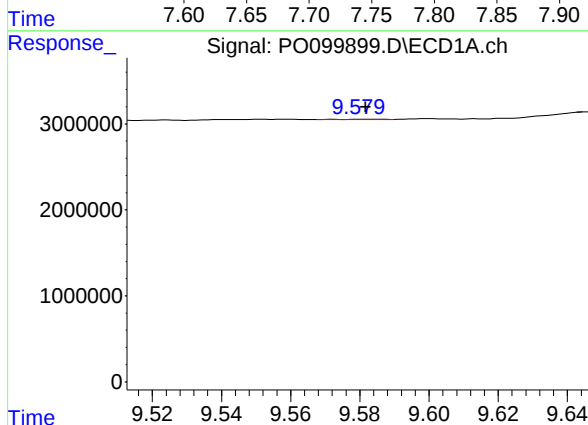
R.T.: 8.896 min
Delta R.T.: -0.002 min
Response: 33660
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



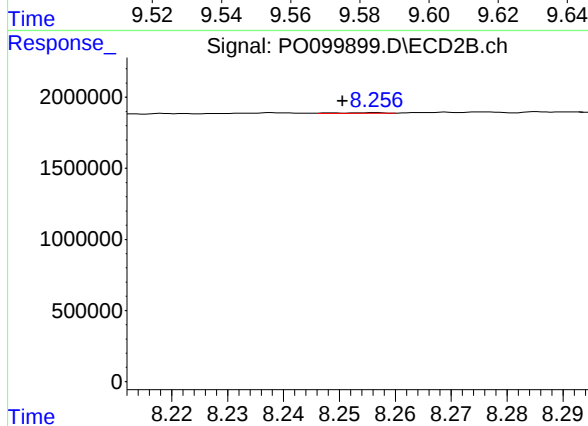
#39 AR-1262-4

R.T.: 7.733 min
Delta R.T.: -0.014 min
Response: 416035
Conc: 4.67 ng/ml



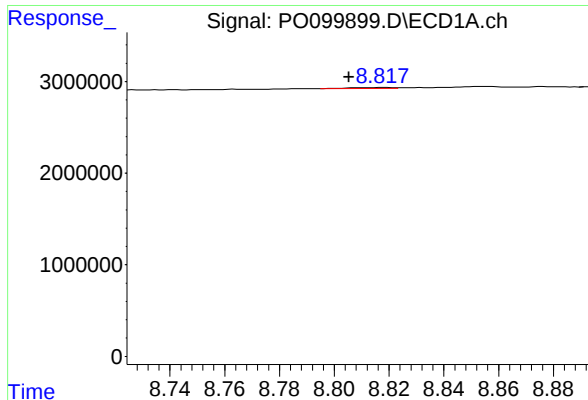
#40 AR-1262-5

R.T.: 9.580 min
Delta R.T.: -0.002 min
Response: 24508
Conc: 0.75 ng/ml



#40 AR-1262-5

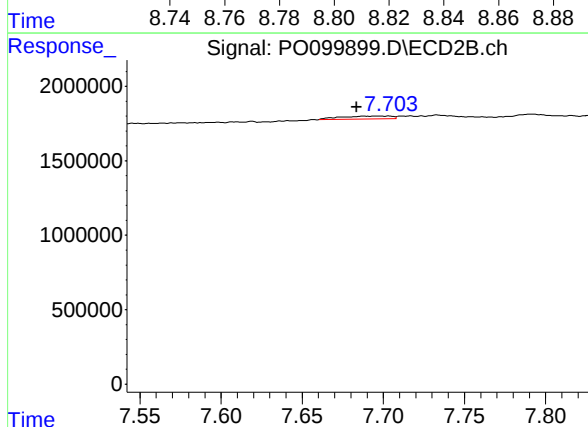
R.T.: 8.256 min
Delta R.T.: 0.006 min
Response: 29891
Conc: 0.77 ng/ml



#41 AR-1268-1

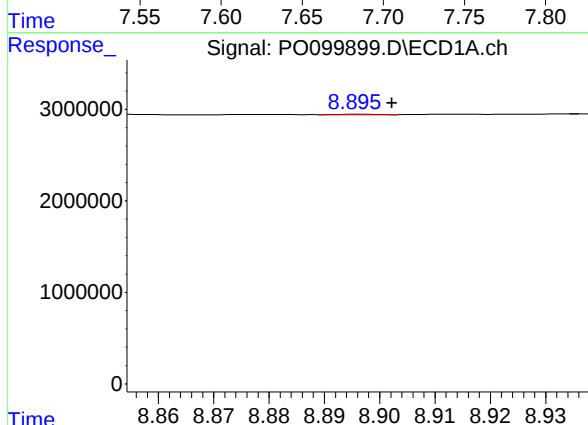
R.T.: 8.818 min
Delta R.T.: 0.013 min
Response: 110019
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



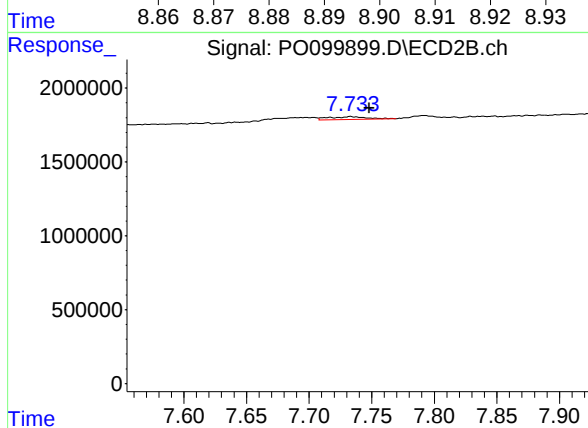
#41 AR-1268-1

R.T.: 7.704 min
Delta R.T.: 0.020 min
Response: 440949
Conc: 3.08 ng/ml



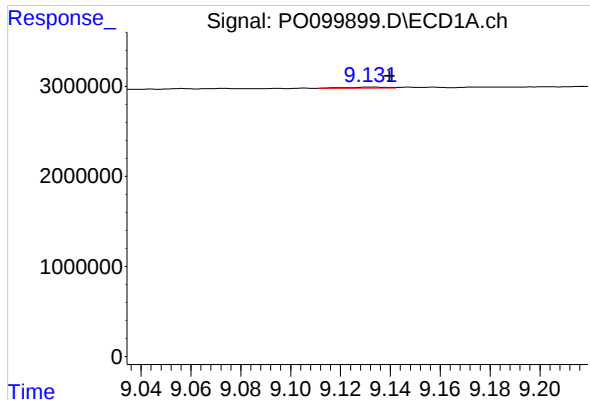
#42 AR-1268-2

R.T.: 8.896 min
Delta R.T.: -0.006 min
Response: 33660
Conc: 0.29 ng/ml



#42 AR-1268-2

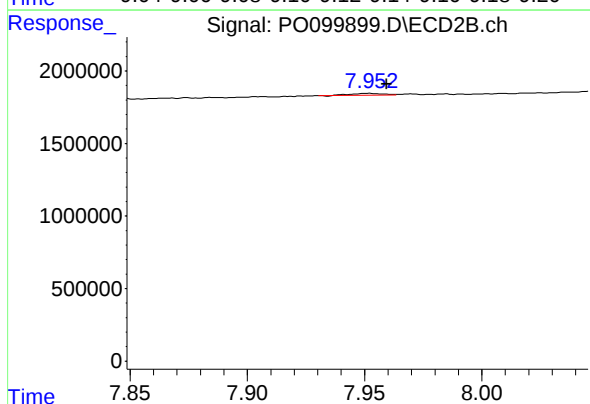
R.T.: 7.733 min
Delta R.T.: -0.015 min
Response: 416035
Conc: 3.19 ng/ml



#43 AR-1268-3

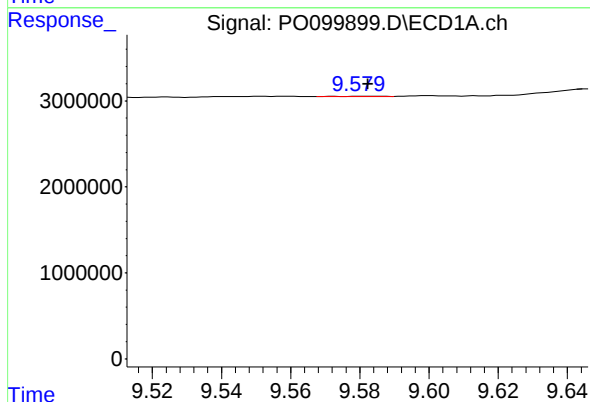
R.T.: 9.132 min
Delta R.T.: -0.008 min
Response: 118205
Conc: 1.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



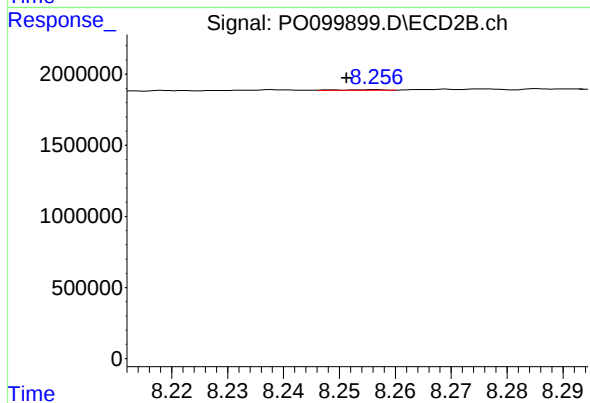
#43 AR-1268-3

R.T.: 7.951 min
Delta R.T.: -0.008 min
Response: 120502
Conc: 0.99 ng/ml



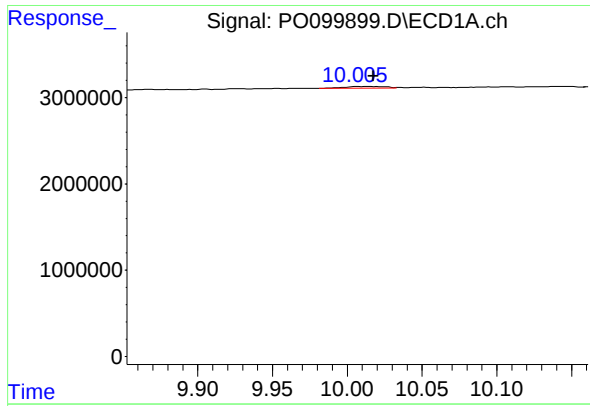
#44 AR-1268-4

R.T.: 9.580 min
Delta R.T.: -0.003 min
Response: 24508
Conc: 0.70 ng/ml



#44 AR-1268-4

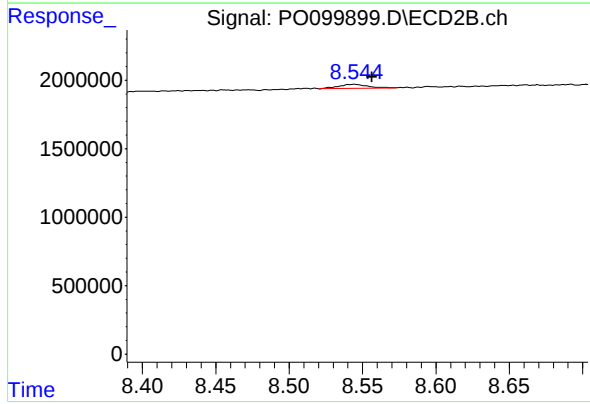
R.T.: 8.256 min
Delta R.T.: 0.005 min
Response: 29891
Conc: 0.69 ng/ml



#45 AR-1268-5

R.T.: 10.013 min
Delta R.T.: -0.004 min
Response: 372064
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.545 min
Delta R.T.: -0.012 min
Response: 411243
Conc: 1.18 ng/ml