

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110323\
 Data File : P0099381.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2023 04:45
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 05:01:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.467	3.623	93378149	35841772	47.258	49.802
2) SA Decachlor...	10.258	8.612	50536143	19426414	44.609	36.207
Target Compounds						
3) L1 AR-1016-1	5.662	4.720	41425707	17262966	752.287	770.876
4) L1 AR-1016-2	5.662	4.720	41425707	17262966	500.977	552.298
5) L1 AR-1016-3	5.725	4.896	25893010	9331448	503.049	551.088
6) L1 AR-1016-4	5.823	4.938	17976148	6773450	442.289	468.500
7) L1 AR-1016-5	6.119	5.150	18748218	10409583	441.726	557.202 #
8) L2 AR-1221-1	4.671	3.835	3387834	1401520	136.451	150.865
9) L2 AR-1221-2	4.763	3.921	6583825	1894798	355.896	292.239
10) L2 AR-1221-3	4.839	3.996	18002991	7658130	332.302	378.607
11) L3 AR-1232-1	4.839	3.996	18002991	7658130	393.528	446.758
12) L3 AR-1232-2	5.371	4.720	23862953	17262966	1010.522	1126.826
13) L3 AR-1232-3	5.662	4.896	41425707	9331448	1048.959	1166.215
14) L3 AR-1232-4	5.823	4.979	17976148	9485474	942.201	1232.877 #
15) L3 AR-1232-5	5.914	5.150	16827099	10409583	1010.141	1223.854
16) L4 AR-1242-1	5.662	4.720	41425707	17262966	956.885	982.532
17) L4 AR-1242-2	5.662	4.720	41425707	17262966	646.799	712.353
18) L4 AR-1242-3	5.725	4.896	25893010	9331448	643.693	727.843
19) L4 AR-1242-4	5.823	4.979	17976148	9485474	574.449	673.840
20) L4 AR-1242-5	6.562	5.502	9654186	9824818	312.954	587.919 #
21) L5 AR-1248-1	5.639	4.720	27936523	17262966	822.323	1245.526 #
22) L5 AR-1248-2	5.914	4.938	16827099	6773450	321.537	340.998
23) L5 AR-1248-3	6.119	4.979	18748218	9485474	329.045	454.861 #
24) L5 AR-1248-4	6.522	5.150	6275891	10409583	115.087	423.438 #
25) L5 AR-1248-5	6.562	5.541	9654186	2775090	169.950	127.776
26) L6 AR-1254-1	6.497	5.502	20427874	9824818	310.327	277.276
27) L6 AR-1254-2	6.715	5.649	20951685	10391370	217.638	324.889 #
28) L6 AR-1254-3	7.083	6.066	10881000	14628047	121.734	299.219 #
29) L6 AR-1254-4	7.369	6.280	6681424	1786077	121.961	68.153 #
30) L6 AR-1254-5	7.788	6.697	49043965	23801574	728.360	564.623
31) L7 AR-1260-1	7.247	6.181	39538539	20369893	551.744	577.453
32) L7 AR-1260-2	7.504	6.370	43346254	22365150	549.404	557.923
33) L7 AR-1260-3	7.864	6.522	29339793	10015023	537.232	264.857 #
34) L7 AR-1260-4	8.091	6.994	31412043	15338093	501.335	530.794
35) L7 AR-1260-5	8.416	7.236	59931843	33282981	560.029	553.060
36) L8 AR-1262-1	7.864	6.734	29339793	16590573	324.155	353.585
37) L8 AR-1262-2	8.416	6.994	59931843	15338093	449.576	369.442
38) L8 AR-1262-3	8.745	7.518	37769299	7498103	384.084	234.706 #
39) L8 AR-1262-4	8.804	7.582	23216281	24477045	289.805	445.207 #
40) L8 AR-1262-5	9.491	8.078	11319079	5577434	257.598	222.083
41) L9 AR-1268-1	8.745	7.518	37769299	7498103	219.276	84.064 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

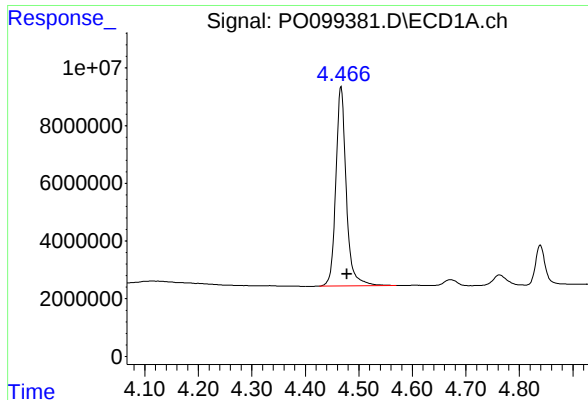
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 05:01:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.M
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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	8.804f	7.582	23216281	24477045	148.069	310.005 #
43) L9	AR-1268-3	9.055	7.788	1171505	423932	8.355	6.021 #
44) L9	AR-1268-4	9.491	8.078	11319079	5577434	225.728	202.382
45) L9	AR-1268-5	9.913	8.364	4248706	1268732	10.382	6.655 #

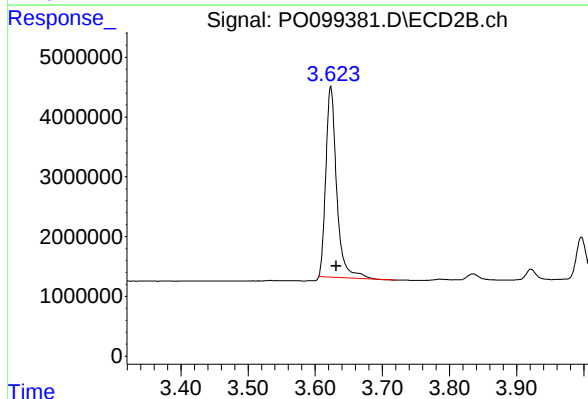
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

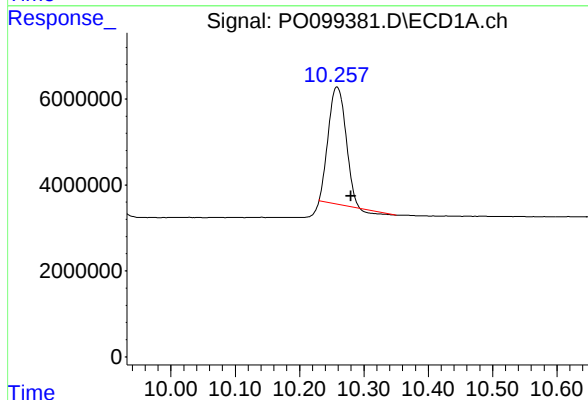
R.T.: 4.467 min
Delta R.T.: -0.011 min
Response: 93378149
Conc: 47.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



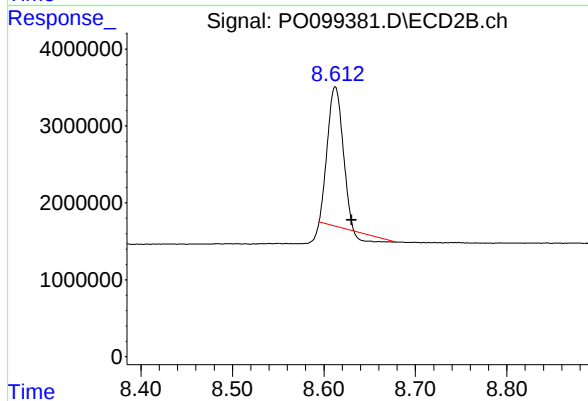
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.008 min
Response: 35841772
Conc: 49.80 ng/ml



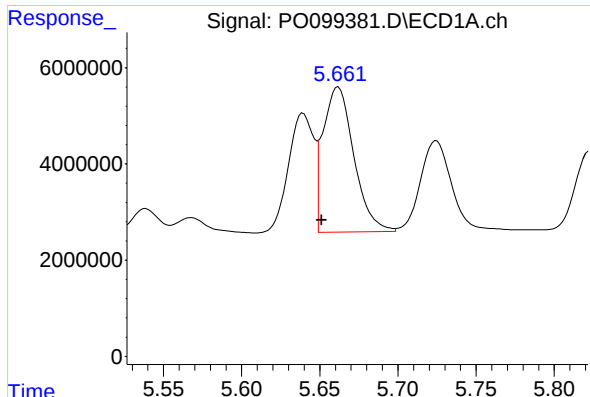
#2 Decachlorobiphenyl

R.T.: 10.258 min
Delta R.T.: -0.022 min
Response: 50536143
Conc: 44.61 ng/ml



#2 Decachlorobiphenyl

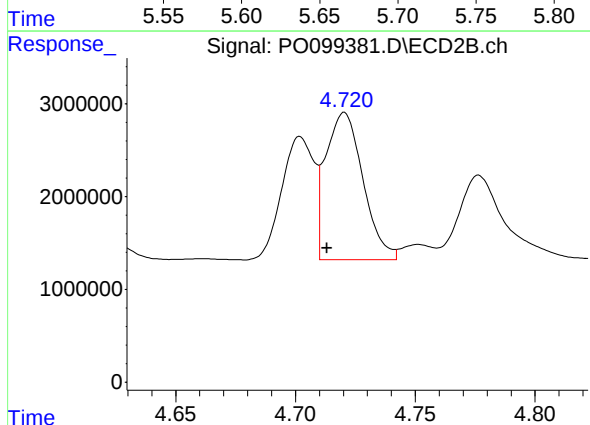
R.T.: 8.612 min
Delta R.T.: -0.018 min
Response: 19426414
Conc: 36.21 ng/ml



#3 AR-1016-1

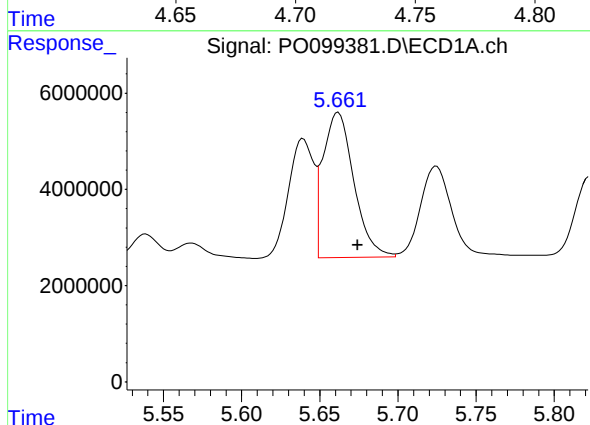
R.T.: 5.662 min
Delta R.T.: 0.011 min
Response: 41425707
Conc: 752.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



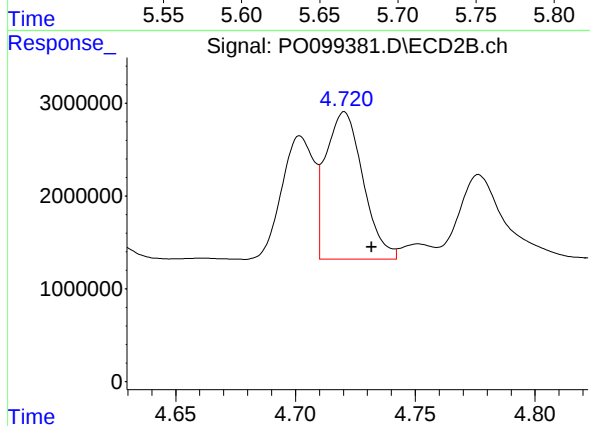
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: 0.007 min
Response: 17262966
Conc: 770.88 ng/ml



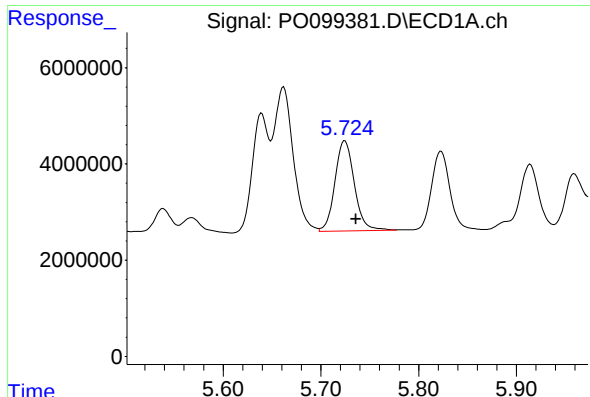
#4 AR-1016-2

R.T.: 5.662 min
Delta R.T.: -0.012 min
Response: 41425707
Conc: 500.98 ng/ml



#4 AR-1016-2

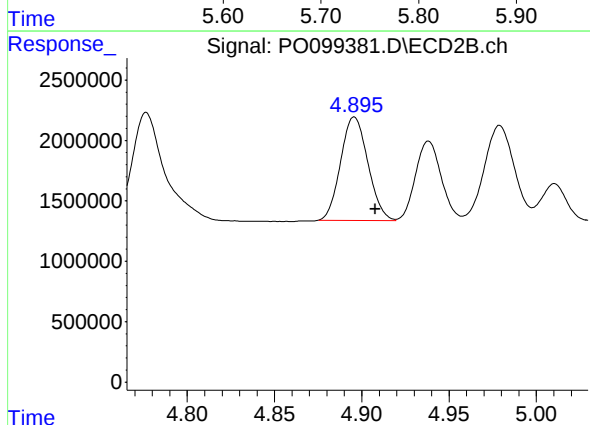
R.T.: 4.720 min
Delta R.T.: -0.011 min
Response: 17262966
Conc: 552.30 ng/ml



#5 AR-1016-3

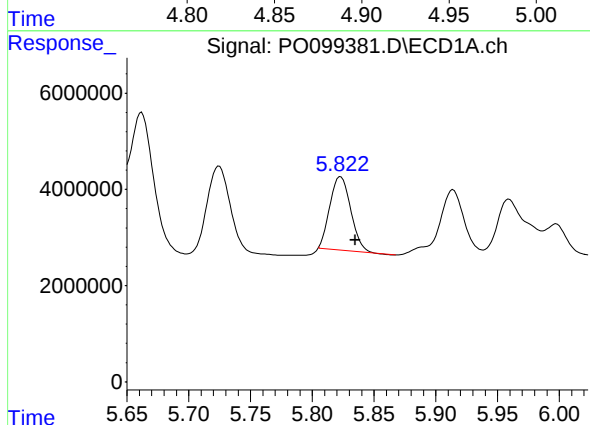
R.T.: 5.725 min
Delta R.T.: -0.011 min
Response: 25893010
Conc: 503.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



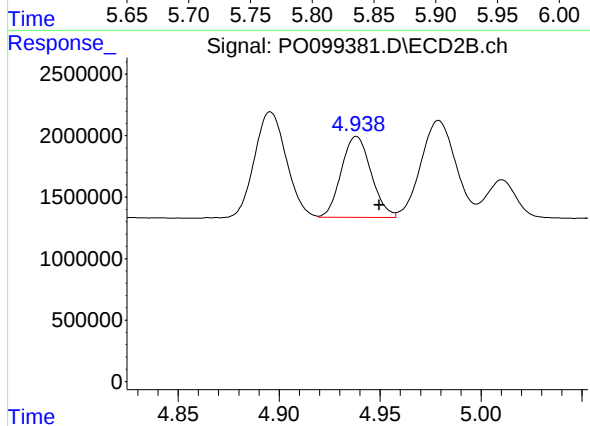
#5 AR-1016-3

R.T.: 4.896 min
Delta R.T.: -0.012 min
Response: 9331448
Conc: 551.09 ng/ml



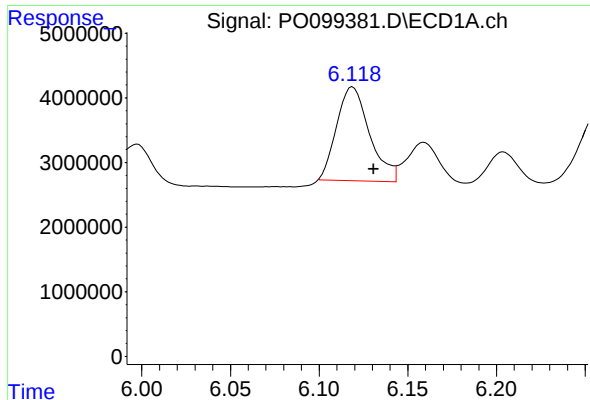
#6 AR-1016-4

R.T.: 5.823 min
Delta R.T.: -0.012 min
Response: 17976148
Conc: 442.29 ng/ml



#6 AR-1016-4

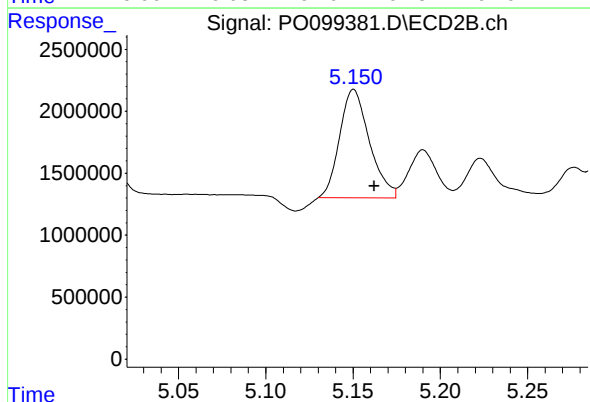
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 6773450
Conc: 468.50 ng/ml



#7 AR-1016-5

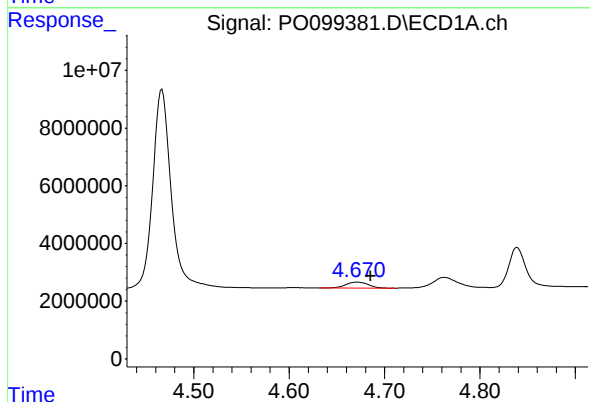
R.T.: 6.119 min
Delta R.T.: -0.012 min
Response: 18748218
Conc: 441.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



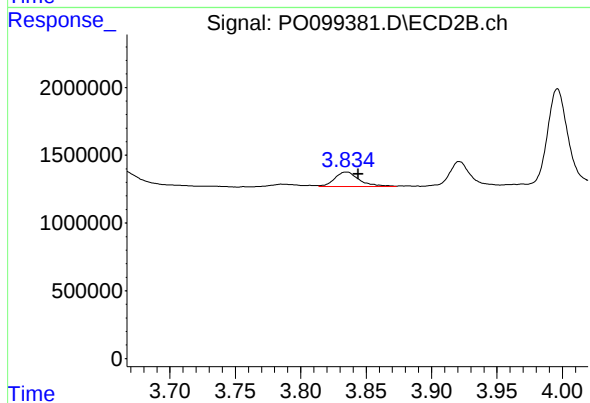
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.012 min
Response: 10409583
Conc: 557.20 ng/ml



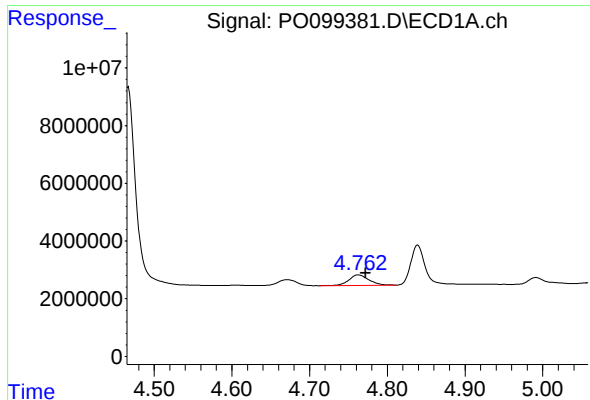
#8 AR-1221-1

R.T.: 4.671 min
Delta R.T.: -0.015 min
Response: 3387834
Conc: 136.45 ng/ml



#8 AR-1221-1

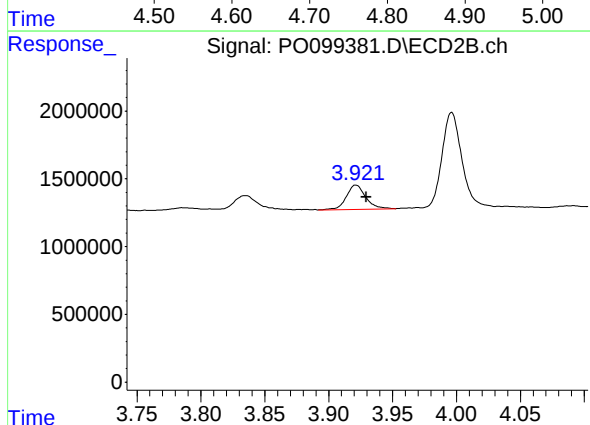
R.T.: 3.835 min
Delta R.T.: -0.009 min
Response: 1401520
Conc: 150.87 ng/ml



#9 AR-1221-2

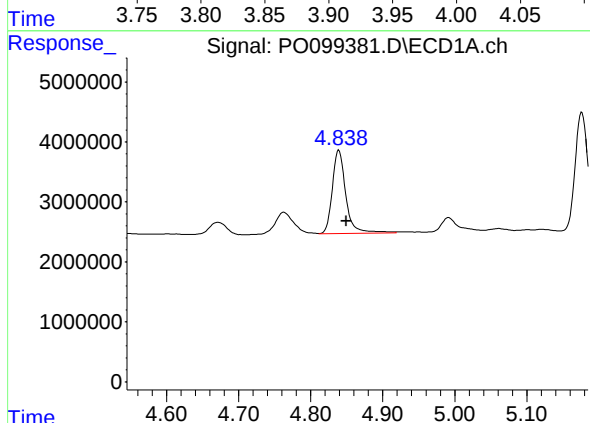
R.T.: 4.763 min
Delta R.T.: -0.009 min
Response: 6583825
Conc: 355.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



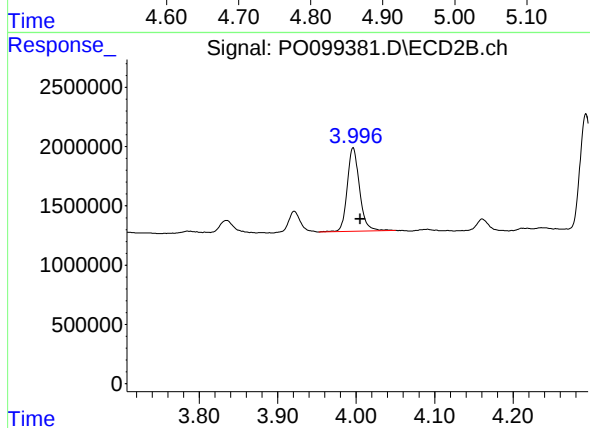
#9 AR-1221-2

R.T.: 3.921 min
Delta R.T.: -0.008 min
Response: 1894798
Conc: 292.24 ng/ml



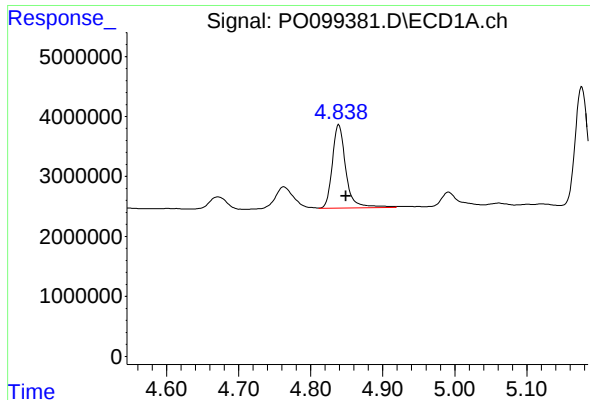
#10 AR-1221-3

R.T.: 4.839 min
Delta R.T.: -0.010 min
Response: 18002991
Conc: 332.30 ng/ml



#10 AR-1221-3

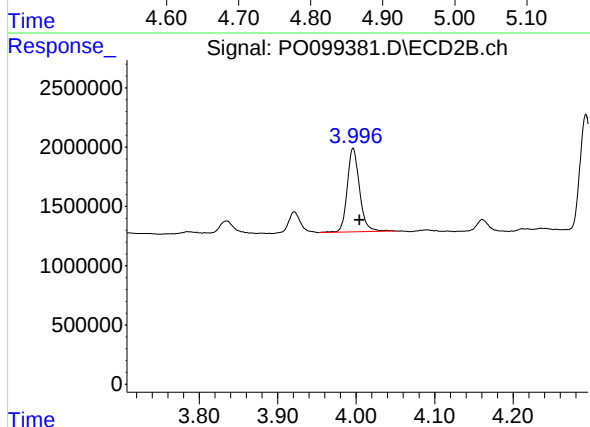
R.T.: 3.996 min
Delta R.T.: -0.009 min
Response: 7658130
Conc: 378.61 ng/ml



#11 AR-1232-1

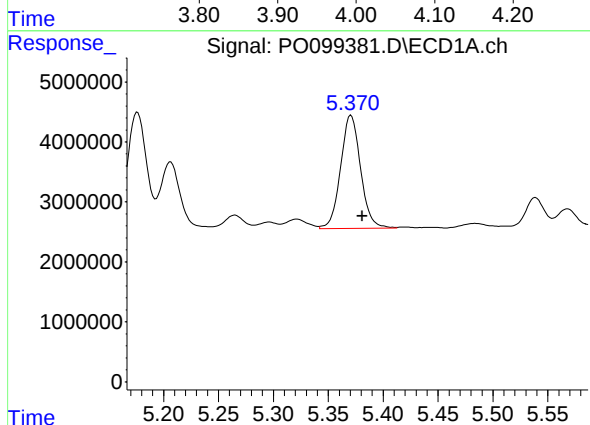
R.T.: 4.839 min
Delta R.T.: -0.010 min
Response: 18002991
Conc: 393.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



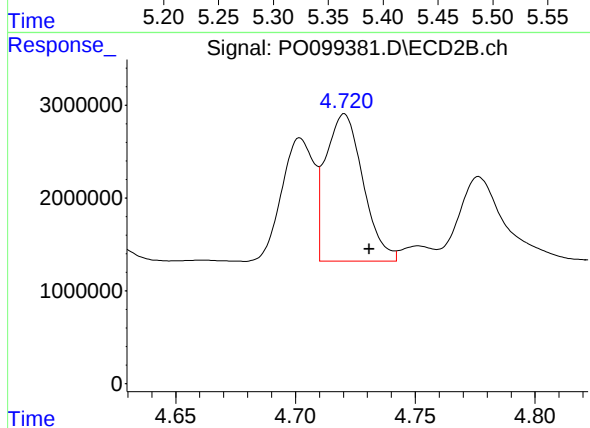
#11 AR-1232-1

R.T.: 3.996 min
Delta R.T.: -0.008 min
Response: 7658130
Conc: 446.76 ng/ml



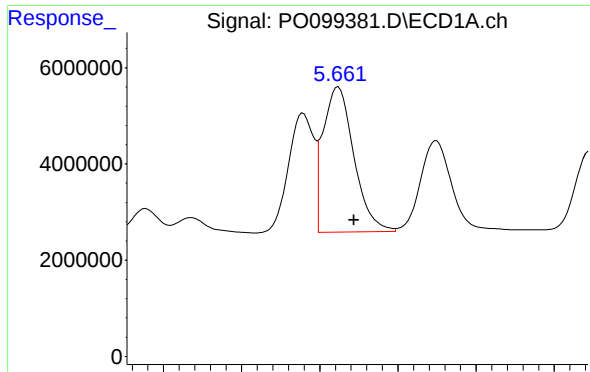
#12 AR-1232-2

R.T.: 5.371 min
Delta R.T.: -0.010 min
Response: 23862953
Conc: 1010.52 ng/ml



#12 AR-1232-2

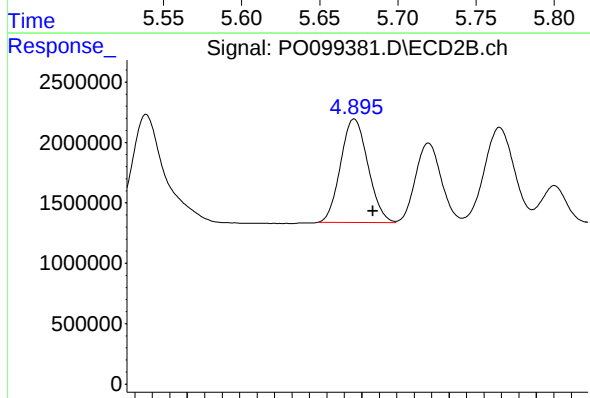
R.T.: 4.720 min
Delta R.T.: -0.010 min
Response: 17262966
Conc: 1126.83 ng/ml



#13 AR-1232-3

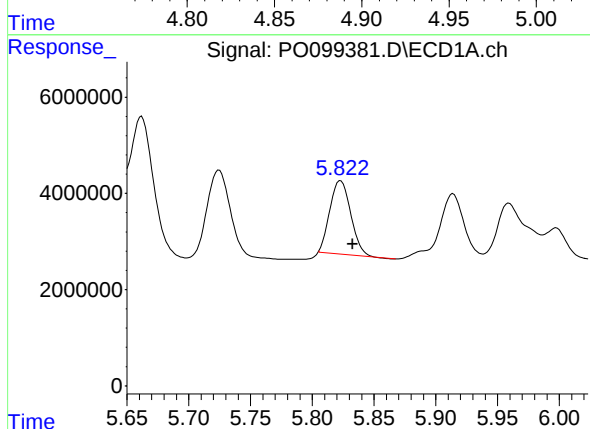
R.T.: 5.662 min
Delta R.T.: -0.010 min
Response: 41425707
Conc: 1048.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



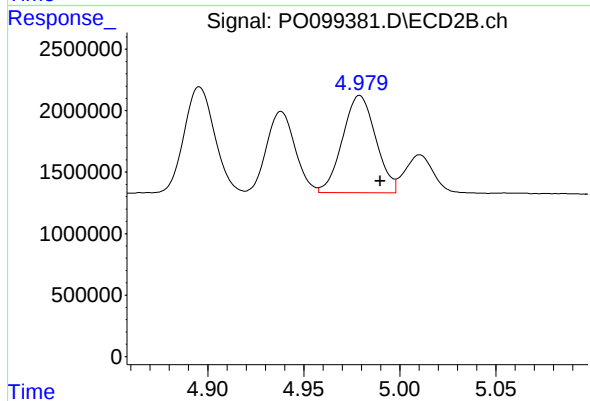
#13 AR-1232-3

R.T.: 4.896 min
Delta R.T.: -0.011 min
Response: 9331448
Conc: 1166.22 ng/ml



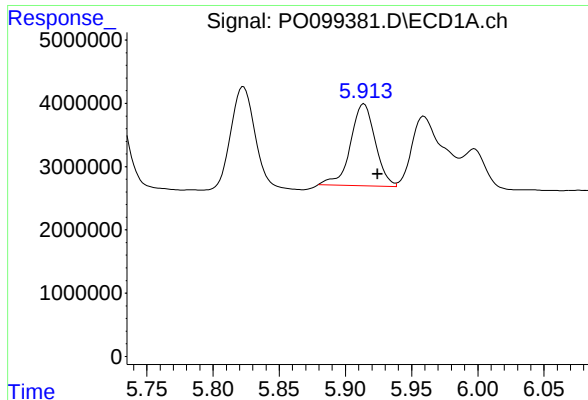
#14 AR-1232-4

R.T.: 5.823 min
Delta R.T.: -0.010 min
Response: 17976148
Conc: 942.20 ng/ml



#14 AR-1232-4

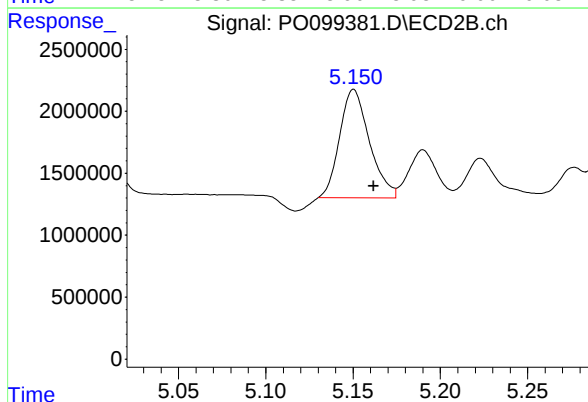
R.T.: 4.979 min
Delta R.T.: -0.011 min
Response: 9485474
Conc: 1232.88 ng/ml



#15 AR-1232-5

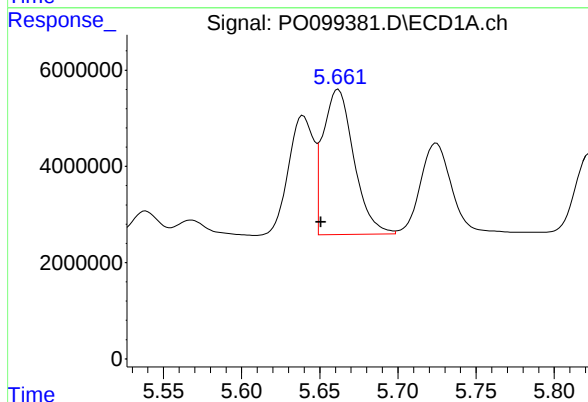
R.T.: 5.914 min
Delta R.T.: -0.010 min
Response: 16827099
Conc: 1010.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



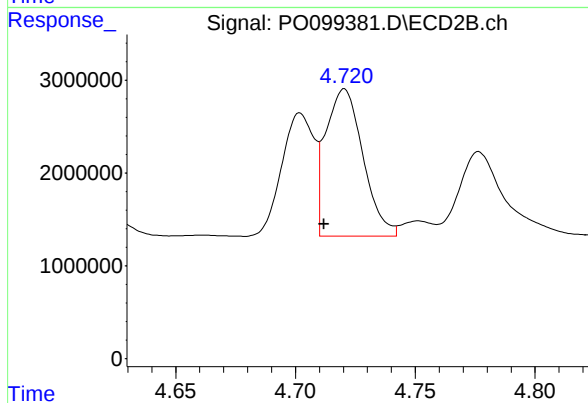
#15 AR-1232-5

R.T.: 5.150 min
Delta R.T.: -0.011 min
Response: 10409583
Conc: 1223.85 ng/ml



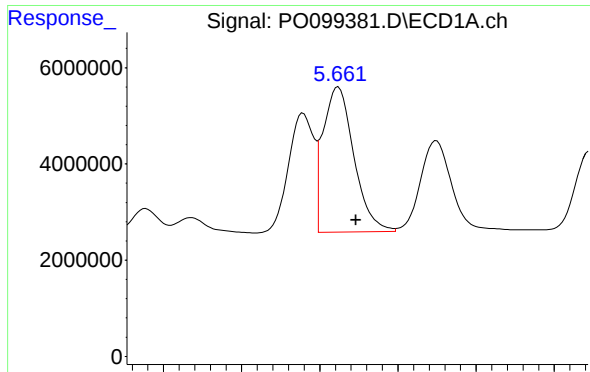
#16 AR-1242-1

R.T.: 5.662 min
Delta R.T.: 0.011 min
Response: 41425707
Conc: 956.89 ng/ml



#16 AR-1242-1

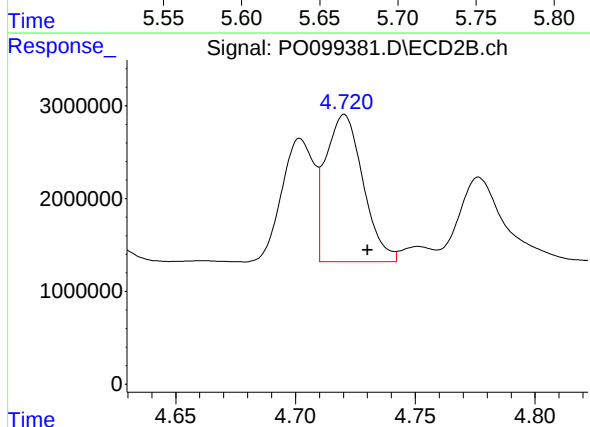
R.T.: 4.720 min
Delta R.T.: 0.009 min
Response: 17262966
Conc: 982.53 ng/ml



#17 AR-1242-2

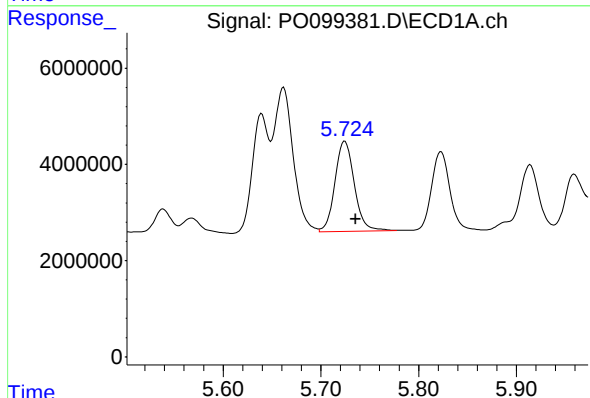
R.T.: 5.662 min
Delta R.T.: -0.011 min
Response: 41425707
Conc: 646.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



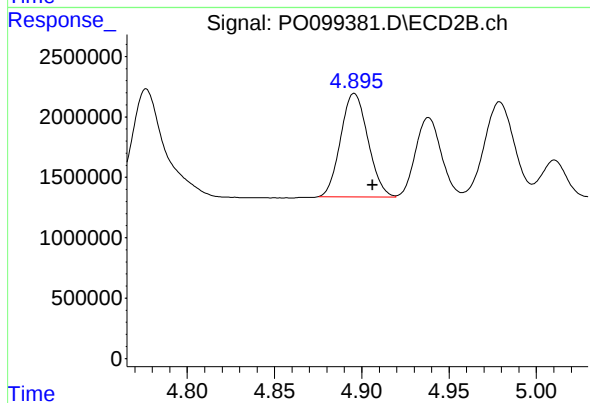
#17 AR-1242-2

R.T.: 4.720 min
Delta R.T.: -0.010 min
Response: 17262966
Conc: 712.35 ng/ml



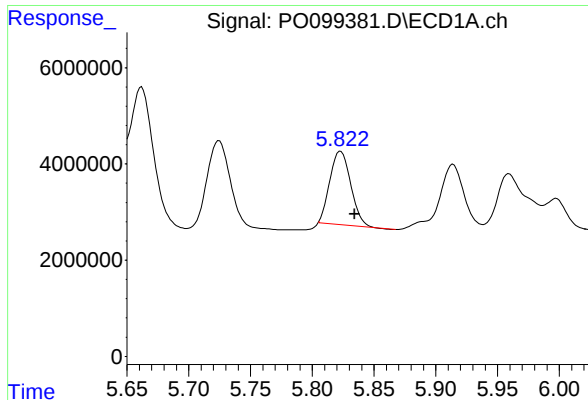
#18 AR-1242-3

R.T.: 5.725 min
Delta R.T.: -0.011 min
Response: 25893010
Conc: 643.69 ng/ml



#18 AR-1242-3

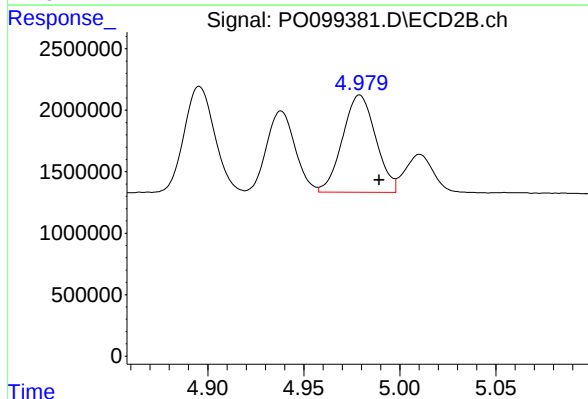
R.T.: 4.896 min
Delta R.T.: -0.010 min
Response: 9331448
Conc: 727.84 ng/ml



#19 AR-1242-4

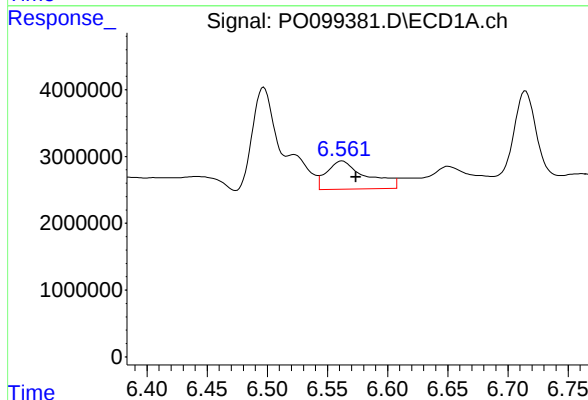
R.T.: 5.823 min
Delta R.T.: -0.011 min
Response: 17976148
Conc: 574.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



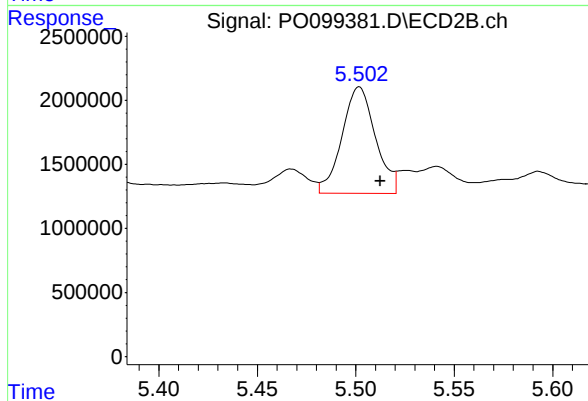
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: -0.010 min
Response: 9485474
Conc: 673.84 ng/ml



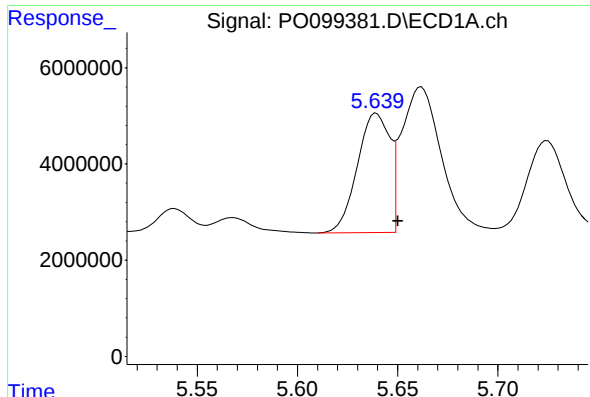
#20 AR-1242-5

R.T.: 6.562 min
Delta R.T.: -0.012 min
Response: 9654186
Conc: 312.95 ng/ml



#20 AR-1242-5

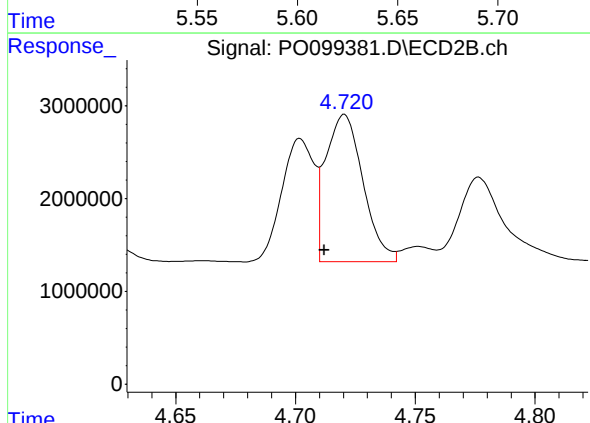
R.T.: 5.502 min
Delta R.T.: -0.011 min
Response: 9824818
Conc: 587.92 ng/ml



#21 AR-1248-1

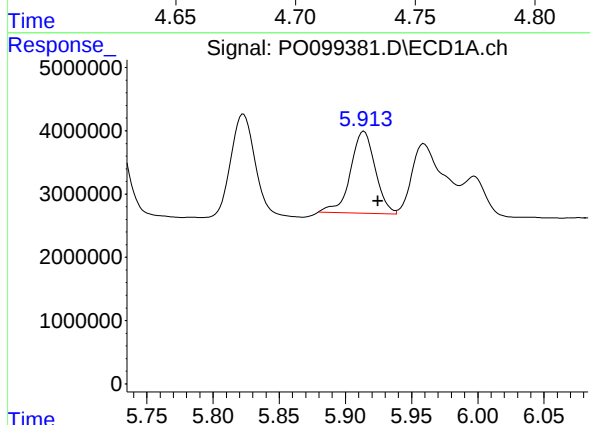
R.T.: 5.639 min
Delta R.T.: -0.011 min
Response: 27936523
Conc: 822.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



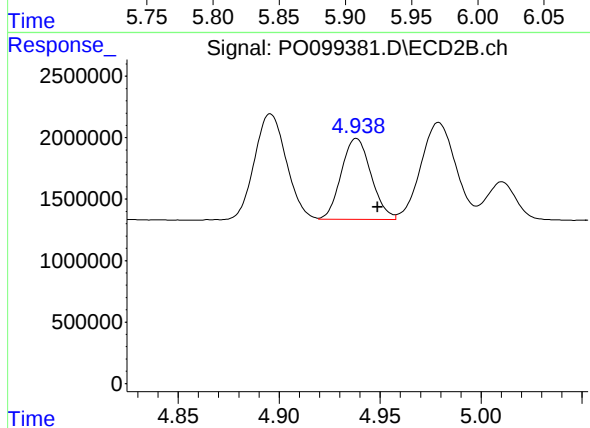
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 17262966
Conc: 1245.53 ng/ml



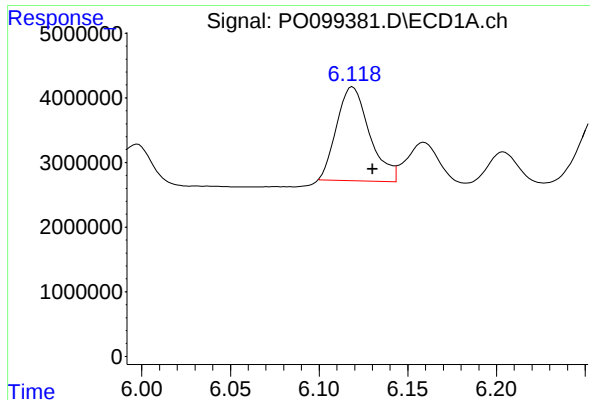
#22 AR-1248-2

R.T.: 5.914 min
Delta R.T.: -0.011 min
Response: 16827099
Conc: 321.54 ng/ml



#22 AR-1248-2

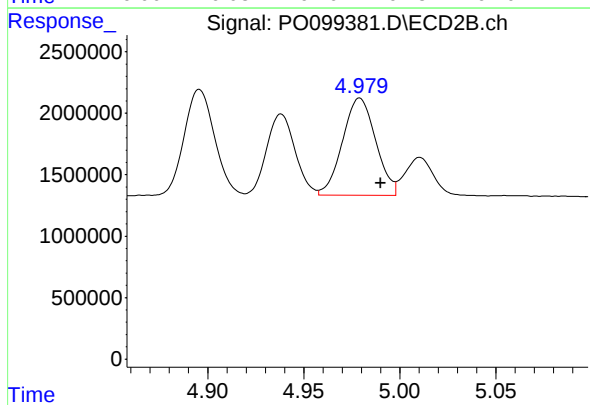
R.T.: 4.938 min
Delta R.T.: -0.010 min
Response: 6773450
Conc: 341.00 ng/ml



#23 AR-1248-3

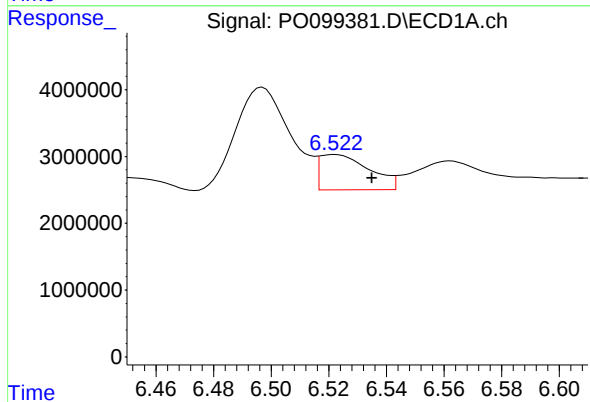
R.T.: 6.119 min
Delta R.T.: -0.011 min
Response: 18748218
Conc: 329.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



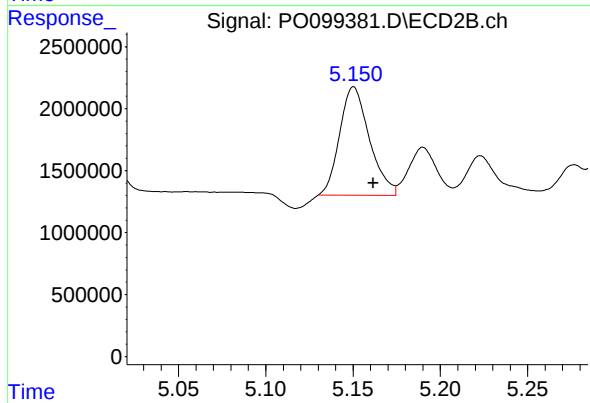
#23 AR-1248-3

R.T.: 4.979 min
Delta R.T.: -0.011 min
Response: 9485474
Conc: 454.86 ng/ml



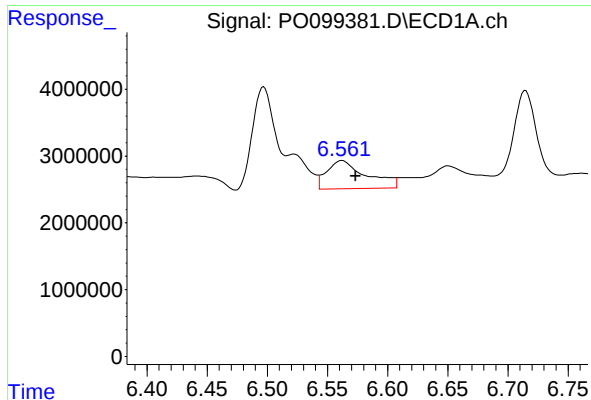
#24 AR-1248-4

R.T.: 6.522 min
Delta R.T.: -0.013 min
Response: 6275891
Conc: 115.09 ng/ml



#24 AR-1248-4

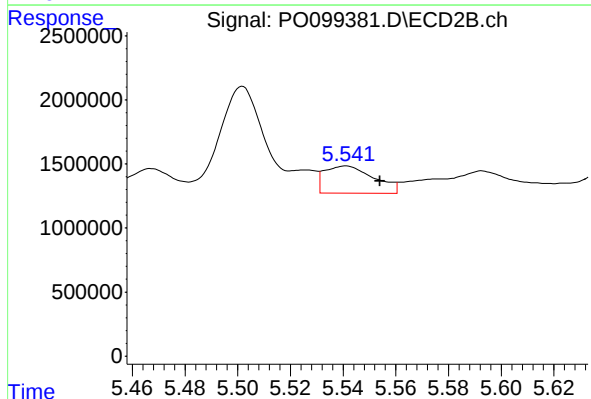
R.T.: 5.150 min
Delta R.T.: -0.011 min
Response: 10409583
Conc: 423.44 ng/ml



#25 AR-1248-5

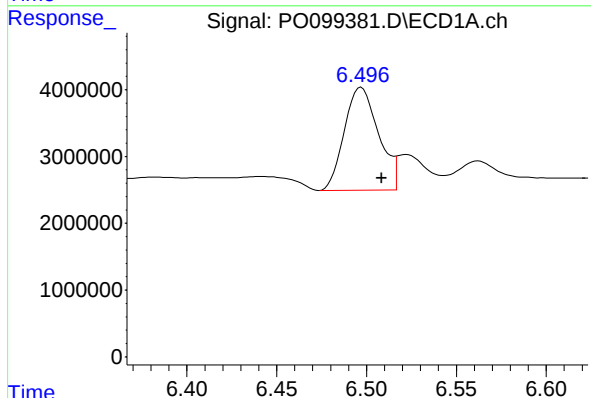
R.T.: 6.562 min
Delta R.T.: -0.011 min
Response: 9654186
Conc: 169.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



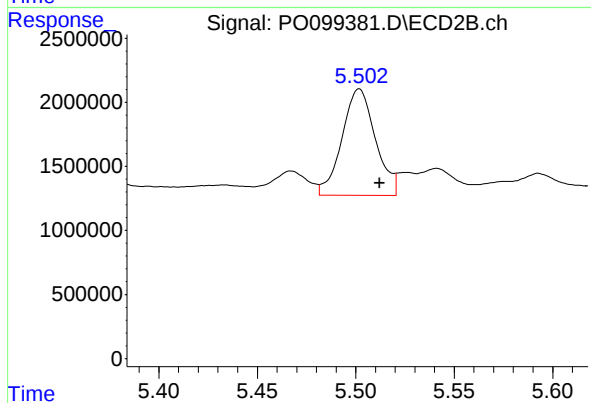
#25 AR-1248-5

R.T.: 5.541 min
Delta R.T.: -0.013 min
Response: 2775090
Conc: 127.78 ng/ml



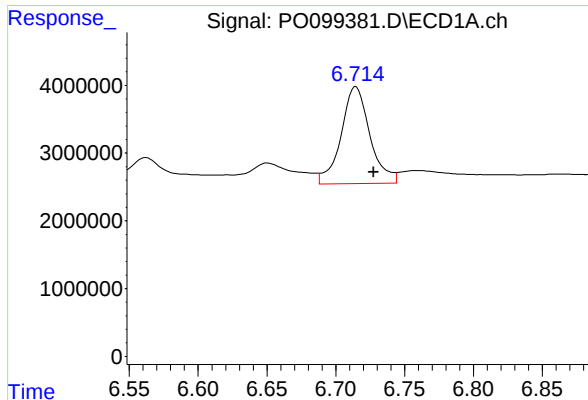
#26 AR-1254-1

R.T.: 6.497 min
Delta R.T.: -0.011 min
Response: 20427874
Conc: 310.33 ng/ml



#26 AR-1254-1

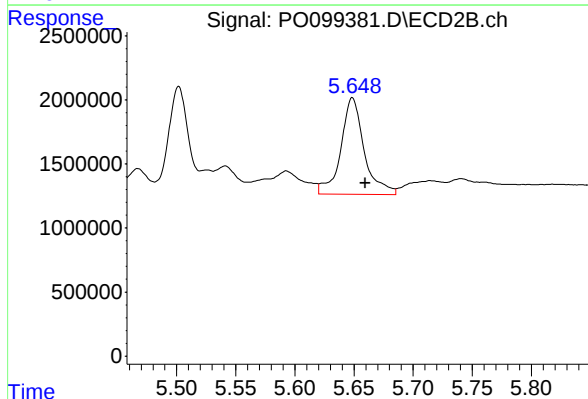
R.T.: 5.502 min
Delta R.T.: -0.010 min
Response: 9824818
Conc: 277.28 ng/ml



#27 AR-1254-2

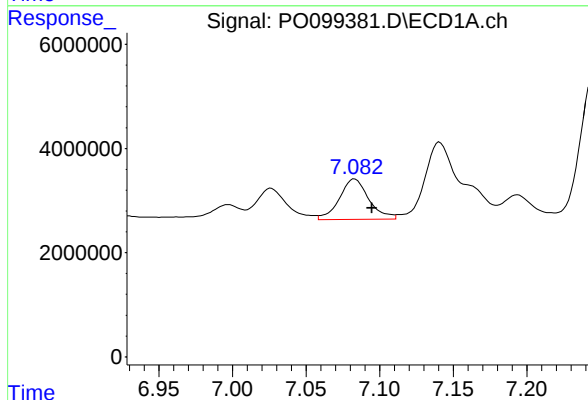
R.T.: 6.715 min
Delta R.T.: -0.013 min
Response: 20951685
Conc: 217.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



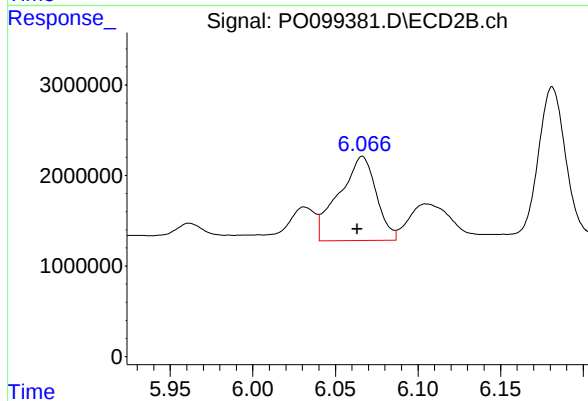
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: -0.011 min
Response: 10391370
Conc: 324.89 ng/ml



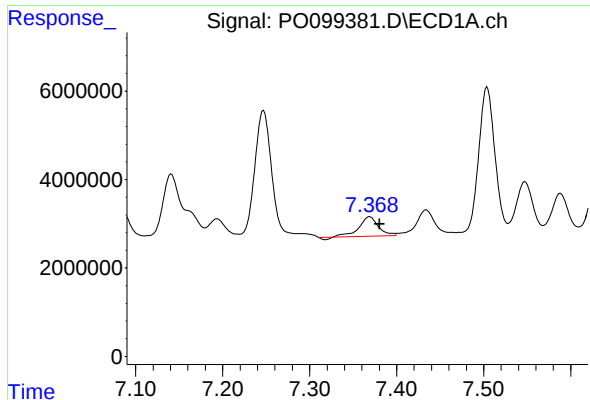
#28 AR-1254-3

R.T.: 7.083 min
Delta R.T.: -0.012 min
Response: 10881000
Conc: 121.73 ng/ml



#28 AR-1254-3

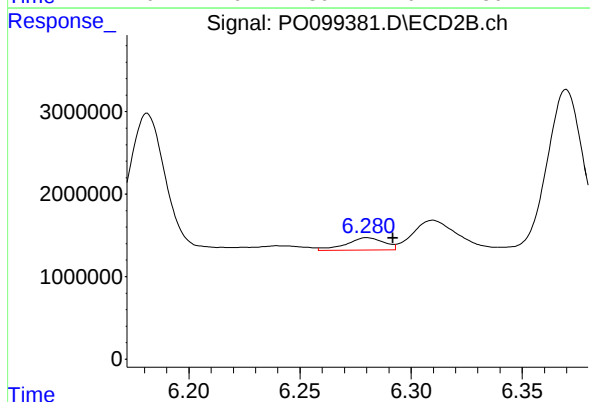
R.T.: 6.066 min
Delta R.T.: 0.003 min
Response: 14628047
Conc: 299.22 ng/ml



#29 AR-1254-4

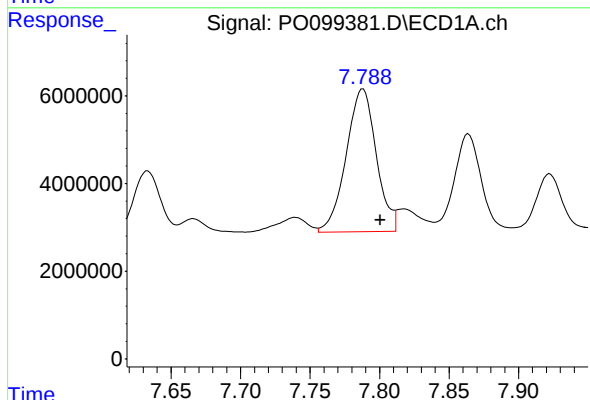
R.T.: 7.369 min
Delta R.T.: -0.011 min
Response: 6681424
Conc: 121.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



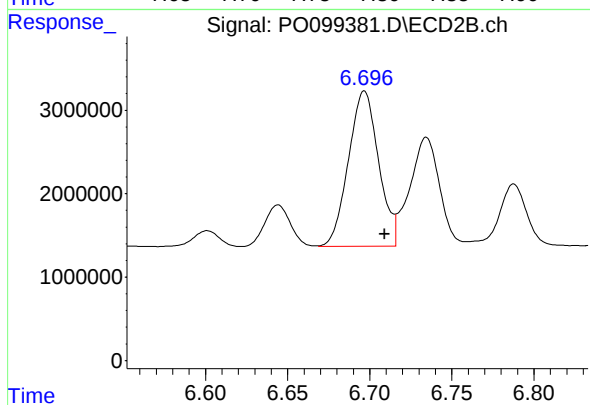
#29 AR-1254-4

R.T.: 6.280 min
Delta R.T.: -0.012 min
Response: 1786077
Conc: 68.15 ng/ml



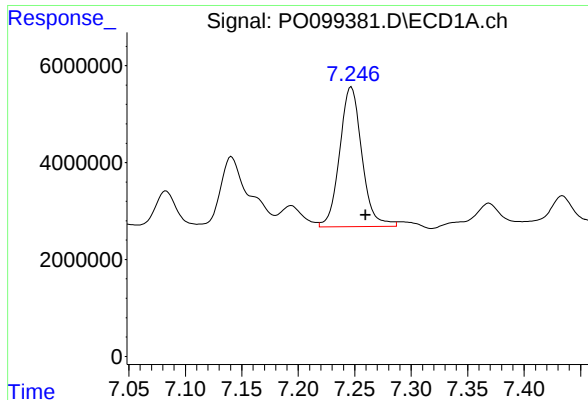
#30 AR-1254-5

R.T.: 7.788 min
Delta R.T.: -0.012 min
Response: 49043965
Conc: 728.36 ng/ml



#30 AR-1254-5

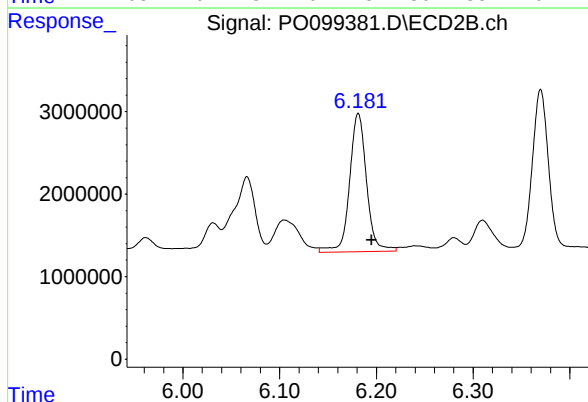
R.T.: 6.697 min
Delta R.T.: -0.012 min
Response: 23801574
Conc: 564.62 ng/ml



#31 AR-1260-1

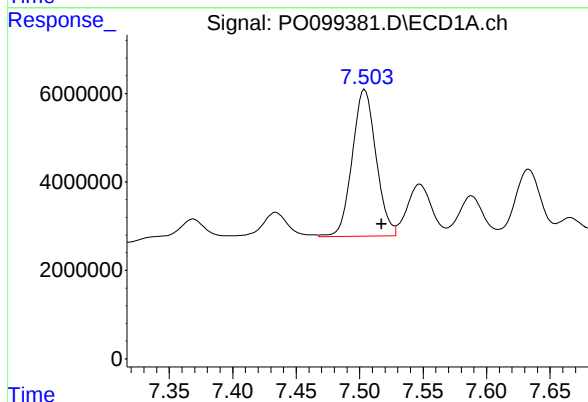
R.T.: 7.247 min
Delta R.T.: -0.013 min
Response: 39538539
Conc: 551.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



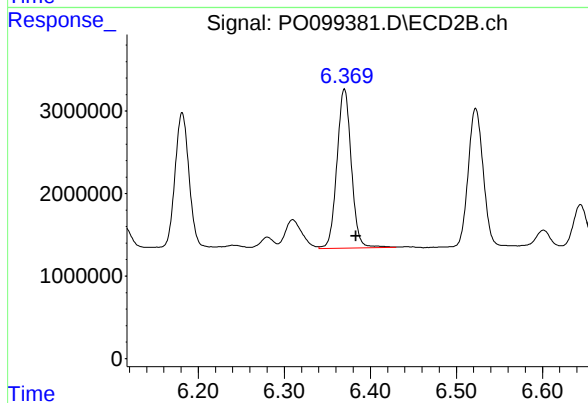
#31 AR-1260-1

R.T.: 6.181 min
Delta R.T.: -0.014 min
Response: 20369893
Conc: 577.45 ng/ml



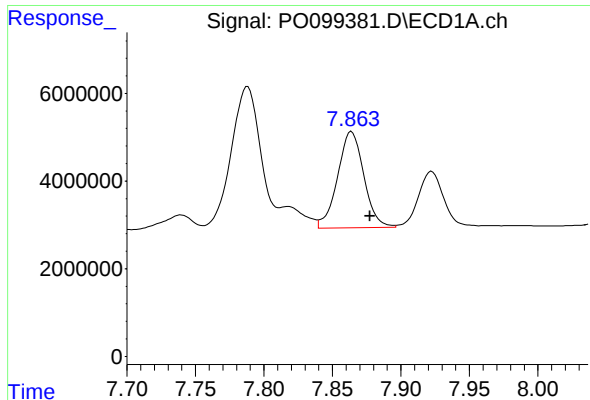
#32 AR-1260-2

R.T.: 7.504 min
Delta R.T.: -0.013 min
Response: 43346254
Conc: 549.40 ng/ml



#32 AR-1260-2

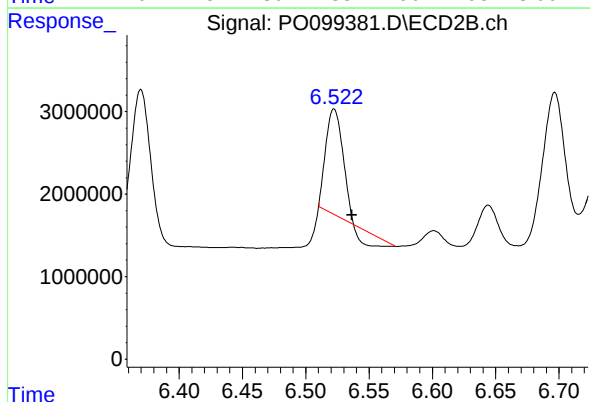
R.T.: 6.370 min
Delta R.T.: -0.013 min
Response: 22365150
Conc: 557.92 ng/ml



#33 AR-1260-3

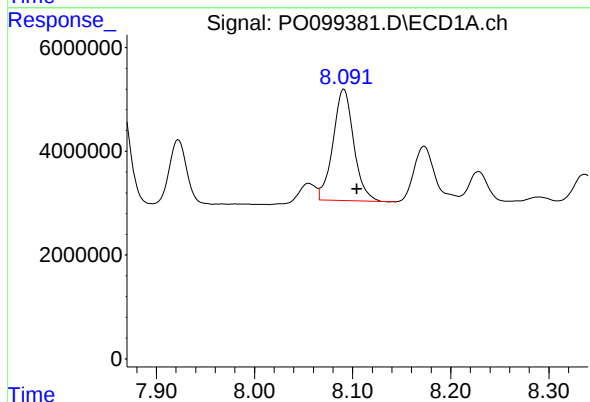
R.T.: 7.864 min
Delta R.T.: -0.013 min
Response: 29339793
Conc: 537.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



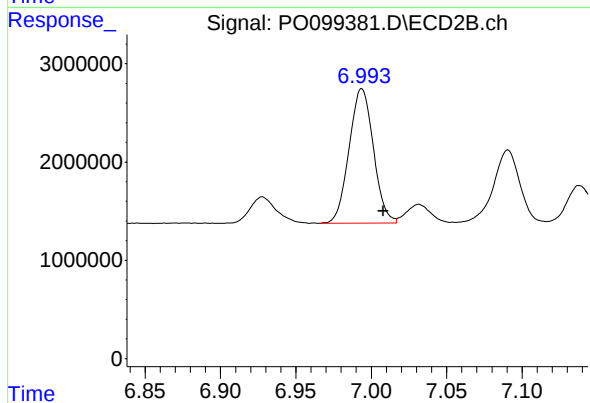
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.014 min
Response: 10015023
Conc: 264.86 ng/ml



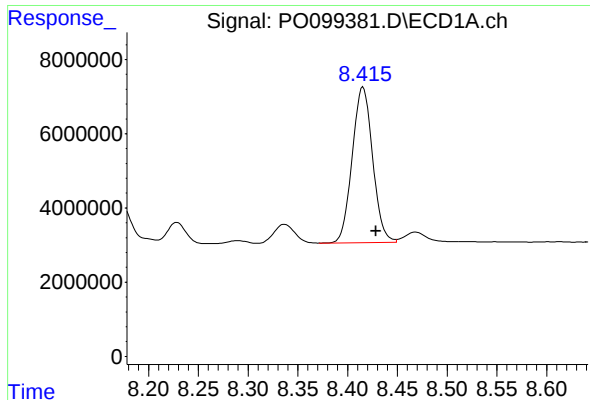
#34 AR-1260-4

R.T.: 8.091 min
Delta R.T.: -0.013 min
Response: 31412043
Conc: 501.34 ng/ml



#34 AR-1260-4

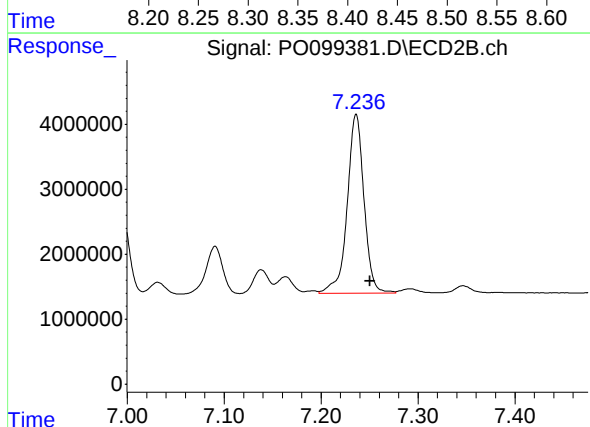
R.T.: 6.994 min
Delta R.T.: -0.014 min
Response: 15338093
Conc: 530.79 ng/ml



#35 AR-1260-5

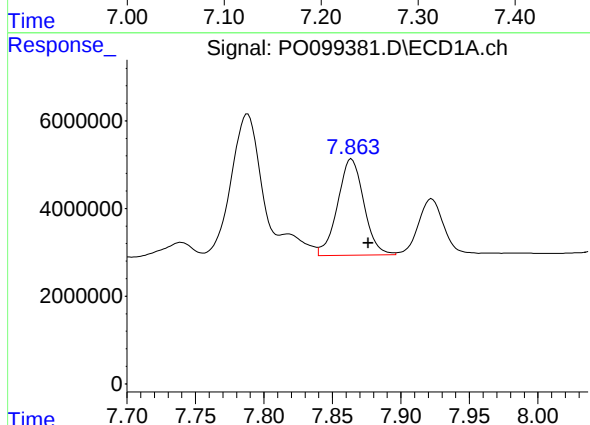
R.T.: 8.416 min
Delta R.T.: -0.013 min
Response: 59931843
Conc: 560.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



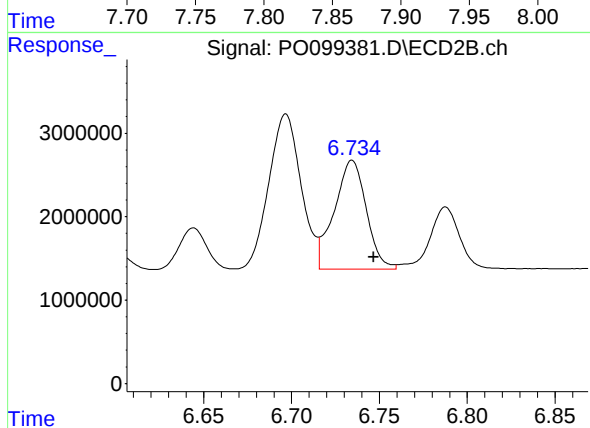
#35 AR-1260-5

R.T.: 7.236 min
Delta R.T.: -0.014 min
Response: 33282981
Conc: 553.06 ng/ml



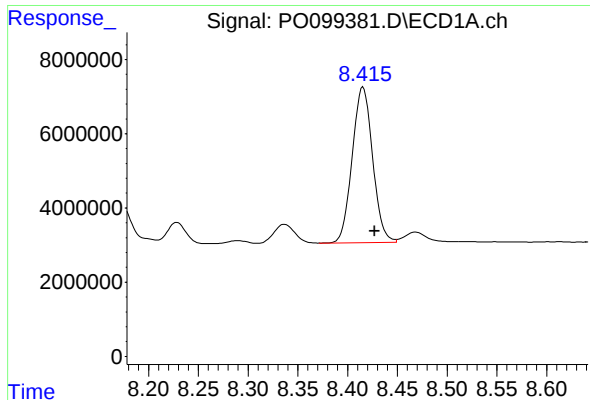
#36 AR-1262-1

R.T.: 7.864 min
Delta R.T.: -0.012 min
Response: 29339793
Conc: 324.16 ng/ml



#36 AR-1262-1

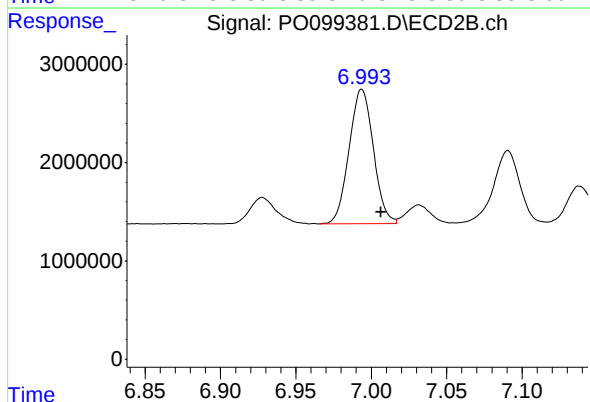
R.T.: 6.734 min
Delta R.T.: -0.012 min
Response: 16590573
Conc: 353.59 ng/ml



#37 AR-1262-2

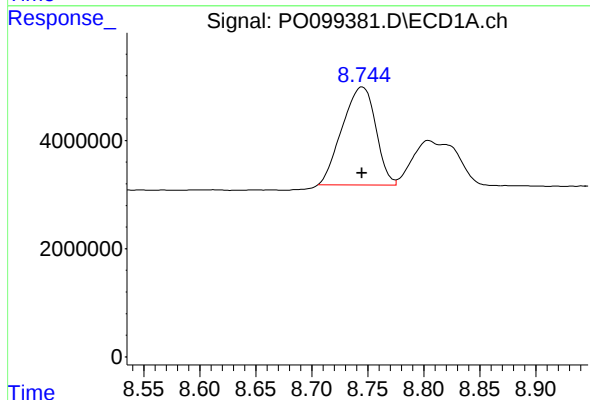
R.T.: 8.416 min
Delta R.T.: -0.012 min
Response: 59931843
Conc: 449.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



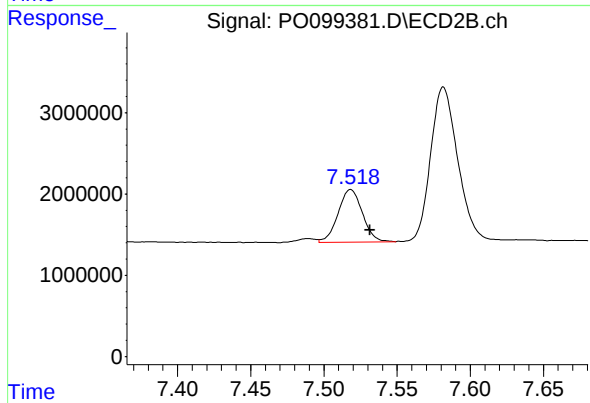
#37 AR-1262-2

R.T.: 6.994 min
Delta R.T.: -0.013 min
Response: 15338093
Conc: 369.44 ng/ml



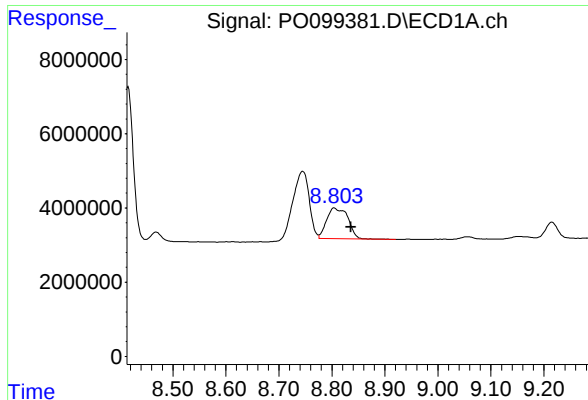
#38 AR-1262-3

R.T.: 8.745 min
Delta R.T.: 0.000 min
Response: 37769299
Conc: 384.08 ng/ml



#38 AR-1262-3

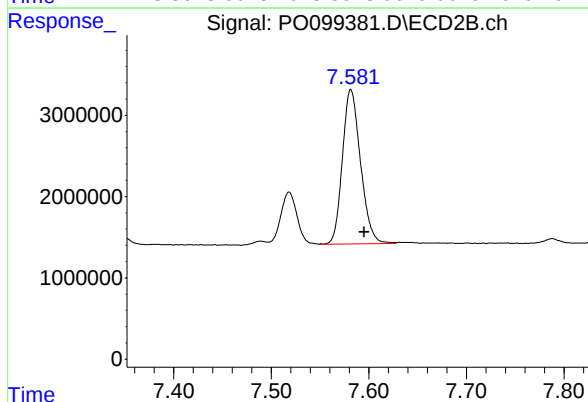
R.T.: 7.518 min
Delta R.T.: -0.013 min
Response: 7498103
Conc: 234.71 ng/ml



#39 AR-1262-4

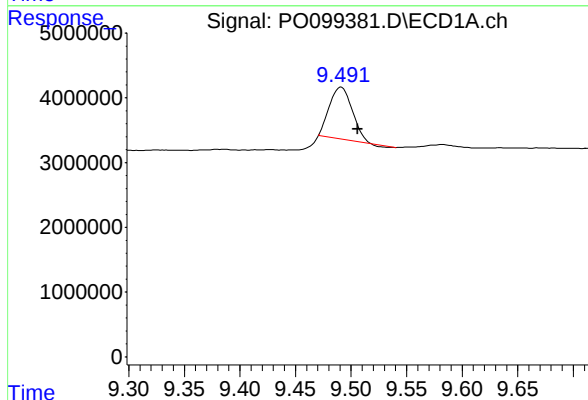
R.T.: 8.804 min
Delta R.T.: -0.032 min
Response: 23216281
Conc: 289.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



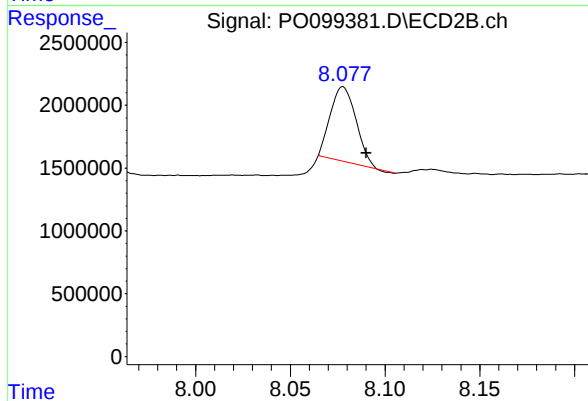
#39 AR-1262-4

R.T.: 7.582 min
Delta R.T.: -0.014 min
Response: 24477045
Conc: 445.21 ng/ml



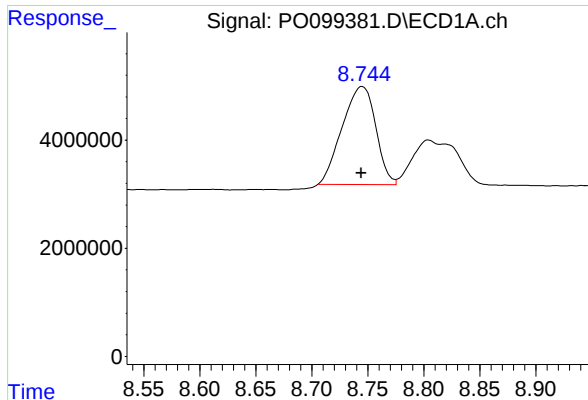
#40 AR-1262-5

R.T.: 9.491 min
Delta R.T.: -0.015 min
Response: 11319079
Conc: 257.60 ng/ml



#40 AR-1262-5

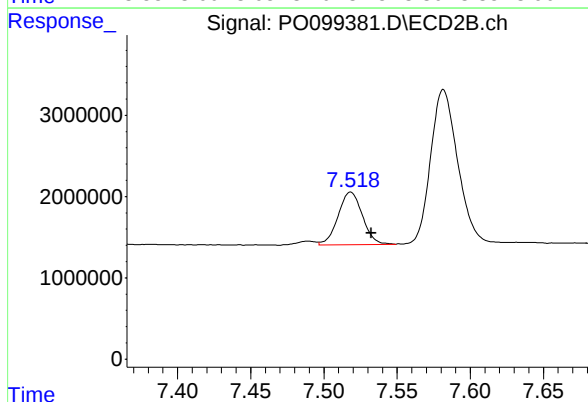
R.T.: 8.078 min
Delta R.T.: -0.012 min
Response: 5577434
Conc: 222.08 ng/ml



#41 AR-1268-1

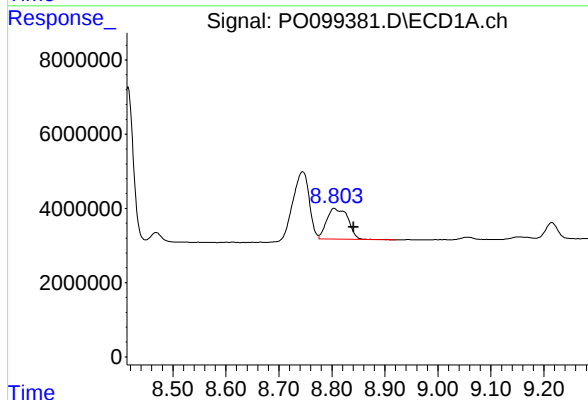
R.T.: 8.745 min
Delta R.T.: 0.000 min
Response: 37769299
Conc: 219.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



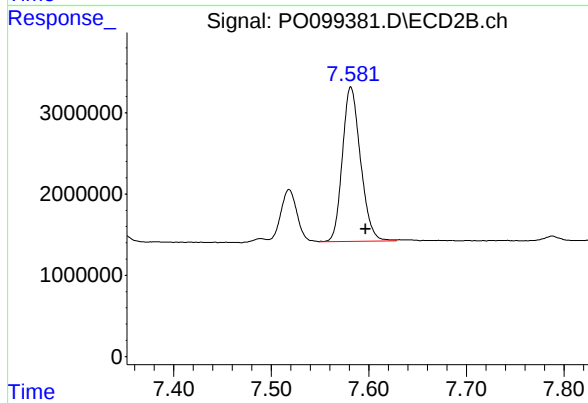
#41 AR-1268-1

R.T.: 7.518 min
Delta R.T.: -0.014 min
Response: 7498103
Conc: 84.06 ng/ml



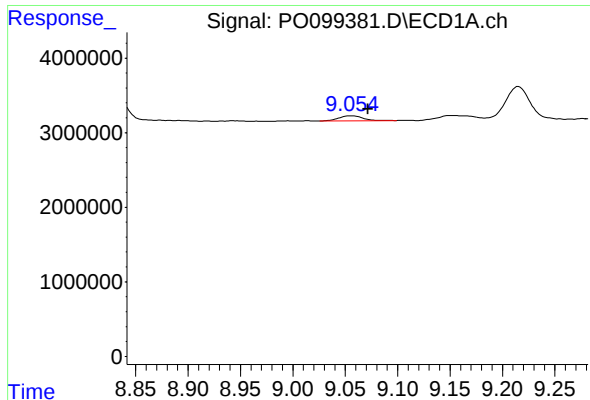
#42 AR-1268-2

R.T.: 8.804 min
Delta R.T.: -0.036 min
Response: 23216281
Conc: 148.07 ng/ml



#42 AR-1268-2

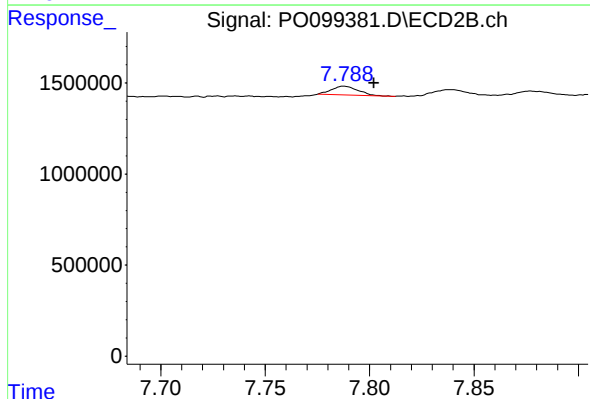
R.T.: 7.582 min
Delta R.T.: -0.015 min
Response: 24477045
Conc: 310.00 ng/ml



#43 AR-1268-3

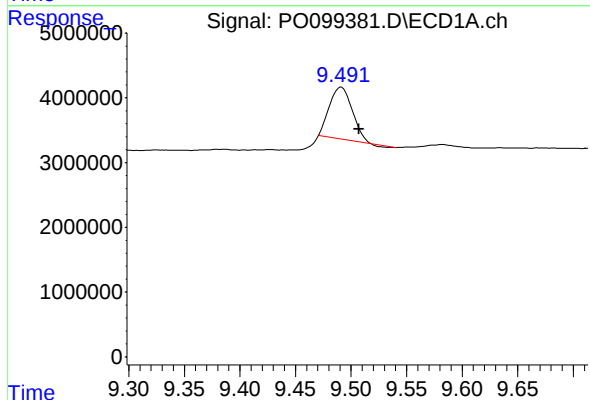
R.T.: 9.055 min
Delta R.T.: -0.017 min
Response: 1171505
Conc: 8.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



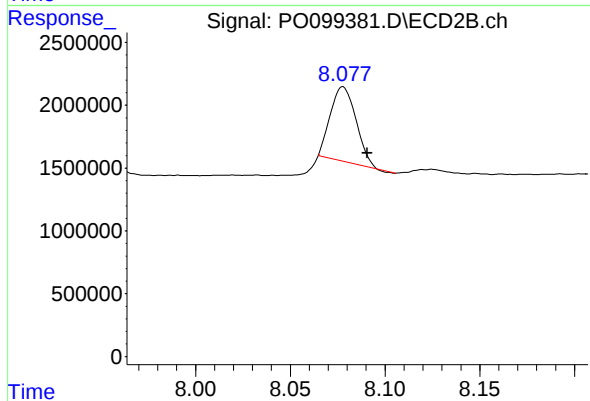
#43 AR-1268-3

R.T.: 7.788 min
Delta R.T.: -0.014 min
Response: 423932
Conc: 6.02 ng/ml



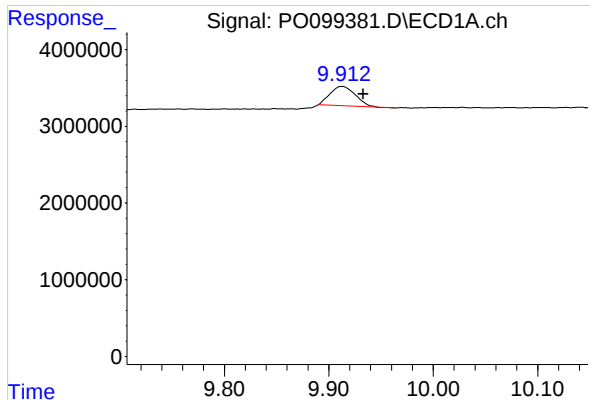
#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: -0.016 min
Response: 11319079
Conc: 225.73 ng/ml



#44 AR-1268-4

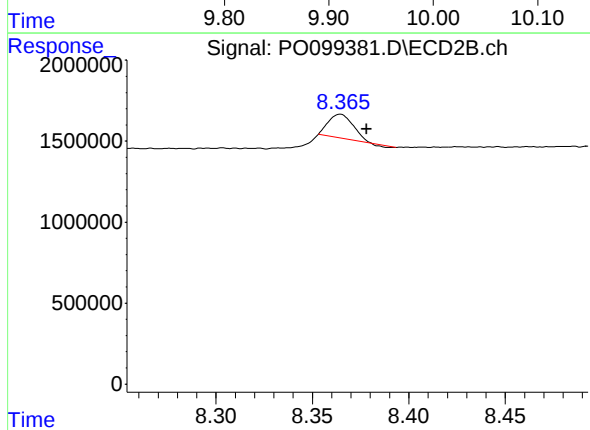
R.T.: 8.078 min
Delta R.T.: -0.013 min
Response: 5577434
Conc: 202.38 ng/ml



#45 AR-1268-5

R.T.: 9.913 min
Delta R.T.: -0.020 min
Response: 4248706
Conc: 10.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.364 min
Delta R.T.: -0.014 min
Response: 1268732
Conc: 6.66 ng/ml