

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061121\
 Data File : P0078708.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Jun 2021 7:40
 Operator : DD\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: Jun 14 00:43:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 08 05:39:51 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.332	3.609	3943372	1567261	51.628	49.608
2)	SA Decachlor...	9.940	8.792	2685381	1438188	66.228	59.811
Target Compounds							
3)	L1 AR-1016-1	5.627	4.836	1143345	525858	488.287	502.685
4)	L1 AR-1016-2	5.650	4.854	1715256	775511	475.765	491.234
5)	L1 AR-1016-3	5.714	5.041	1043963	400006	477.359	499.524
6)	L1 AR-1016-4	5.819	5.095	871805	352515	496.902	499.171
7)	L1 AR-1016-5	6.129	5.318	860994	379993	496.299	435.666
8)	L2 AR-1221-1	4.579	3.859	116775	53833	139.612	141.372
9)	L2 AR-1221-2	4.678	3.957	177847	79020	293.632	280.980
10)	L2 AR-1221-3	4.764	4.043	671251	302430	338.697	335.747
11)	L3 AR-1232-1	4.764	4.043	671251	302430	438.448	415.985
12)	L3 AR-1232-2	5.337	4.854	913991	775511	1175.737	1125.570
13)	L3 AR-1232-3	5.650	5.041	1715256	400006	1176.308	1168.054
14)	L3 AR-1232-4	5.819	5.137	871805	418501	1242.554	1360.941
15)	L3 AR-1232-5	5.919	5.318	714226	379993	1417.850	1090.072
16)	L4 AR-1242-1	5.627	4.836	1143345	525858	632.978	625.219
17)	L4 AR-1242-2	5.650	4.854	1715256	775511	639.406	630.372
18)	L4 AR-1242-3	5.714	5.041	1043963	400006	634.174	630.764
19)	L4 AR-1242-4	5.819	5.137	871805	418501	647.295	639.619
20)	L4 AR-1242-5	6.591	5.691	126898	348468	94.816	423.809 #
21)	L5 AR-1248-1	5.627	4.836	1143345	525858	840.941	813.673
22)	L5 AR-1248-2	5.919	5.095	714226	352515	367.834	361.528
23)	L5 AR-1248-3	6.129	5.137	860994	418501	380.970	431.352
24)	L5 AR-1248-4	6.552	5.318	155158	379993	65.491	328.048 #
25)	L5 AR-1248-5	6.591	5.732	126898	59938	54.530	54.668
26)	L6 AR-1254-1	6.524	5.691	543100	348468	214.608	201.901
27)	L6 AR-1254-2	6.749	5.848	635031	320909	159.911	200.132 #
28)	L6 AR-1254-3	7.124	6.279	533486	667685	128.439	279.063 #
29)	L6 AR-1254-4	7.416	6.499	464137	108002	157.854	73.802 #
30)	L6 AR-1254-5	7.840	6.921	2043975	1056355	637.458	463.340 #
31)	L7 AR-1260-1	7.289	6.396	1715322	865640	585.030	545.576
32)	L7 AR-1260-2	7.554	6.593	1921979	994108	584.257	533.745
33)	L7 AR-1260-3	7.913	6.744	1350578	874191	570.343	492.677
34)	L7 AR-1260-4	8.140	7.220	1470942	761636	571.912	519.759
35)	L7 AR-1260-5	8.453	7.468	2800973	1752462	550.802	502.244
36)	L8 AR-1262-1	7.913	6.921	1350578	1056355	345.261	884.261 #
37)	L8 AR-1262-2	8.453	7.468	2800973	1752462	437.808	446.849
38)	L8 AR-1262-3	8.742	7.750	1800418	430386	431.082	261.456 #
39)	L8 AR-1262-4	8.788f	7.811	1137442	1338779	367.043	445.066
40)	L8 AR-1262-5	9.349	8.307	810681	495197	427.842	364.883
41)	L9 AR-1268-1	8.742	7.750	1800418	430386	251.008	94.757 #

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 ALS Vial : 3 Sample Multiplier: 1

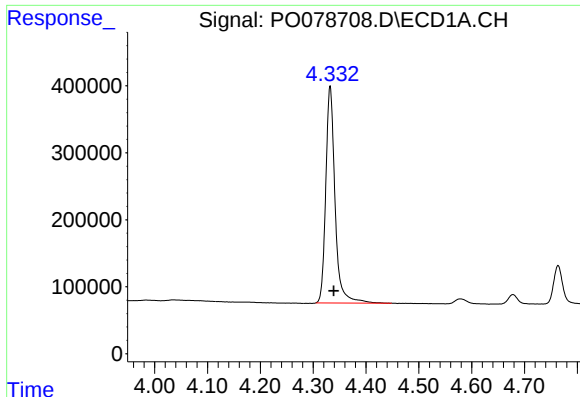
Instrument :
 ECD_O
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.788f	7.811	1137442	1338779	178.542	326.935 #
43) L9	AR-1268-3	8.987	8.015	43718	21373	8.418	6.127 #
44) L9	AR-1268-4	9.349	8.307	810681	495197	409.507	337.365
45) L9	AR-1268-5	9.679	8.576	234114	143860	15.216	13.889

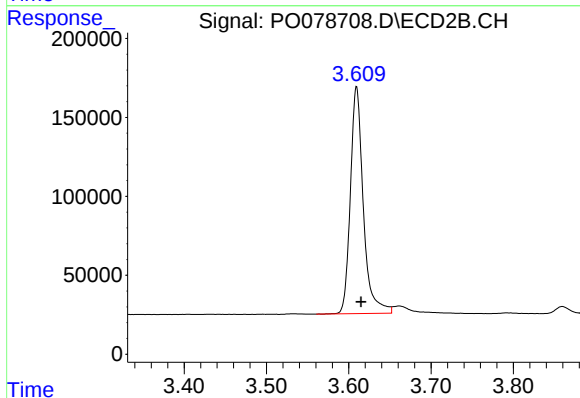
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

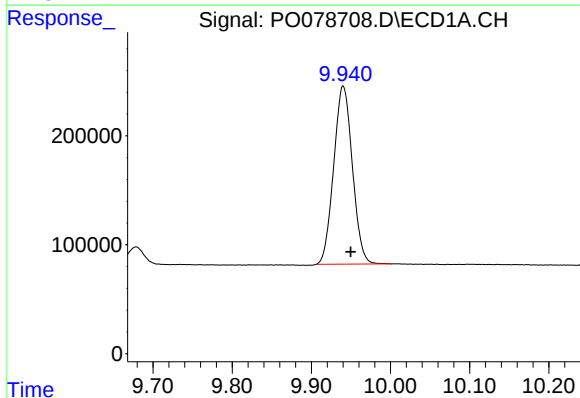
R.T.: 4.332 min
Delta R.T.: -0.007 min
Response: 3943372
Conc: 51.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



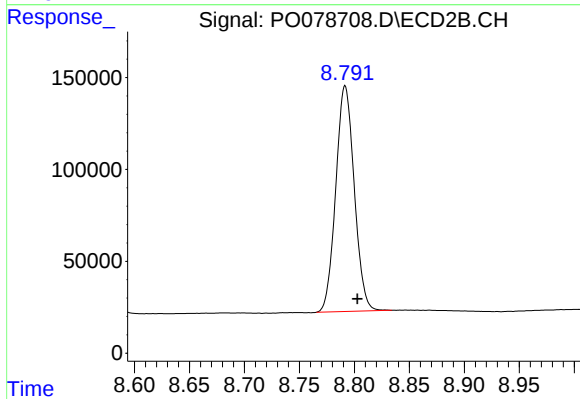
#1 Tetrachloro-m-xylene

R.T.: 3.609 min
Delta R.T.: -0.006 min
Response: 1567261
Conc: 49.61 ng/ml



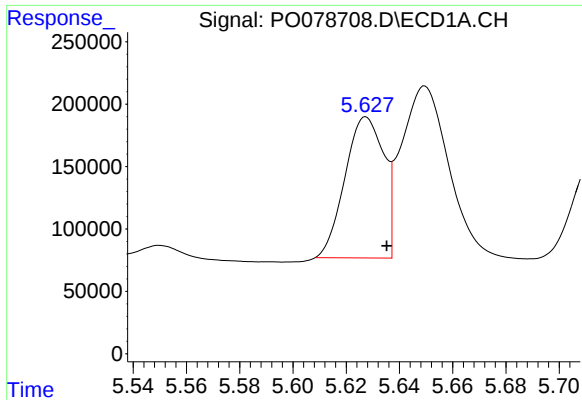
#2 Decachlorobiphenyl

R.T.: 9.940 min
Delta R.T.: -0.010 min
Response: 2685381
Conc: 66.23 ng/ml



#2 Decachlorobiphenyl

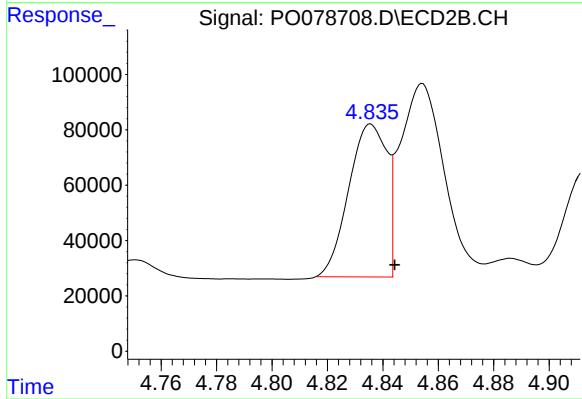
R.T.: 8.792 min
Delta R.T.: -0.011 min
Response: 1438188
Conc: 59.81 ng/ml



#3 AR-1016-1

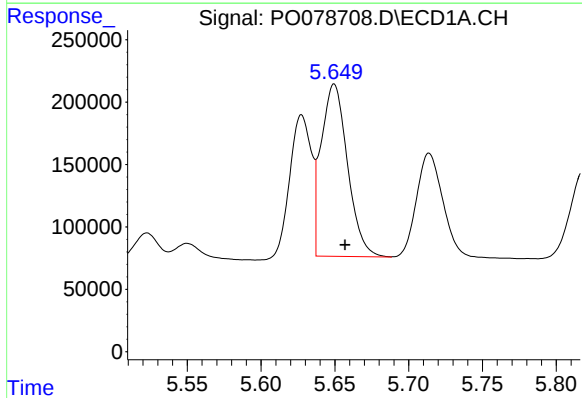
R.T.: 5.627 min
Delta R.T.: -0.008 min
Response: 1143345
Conc: 488.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



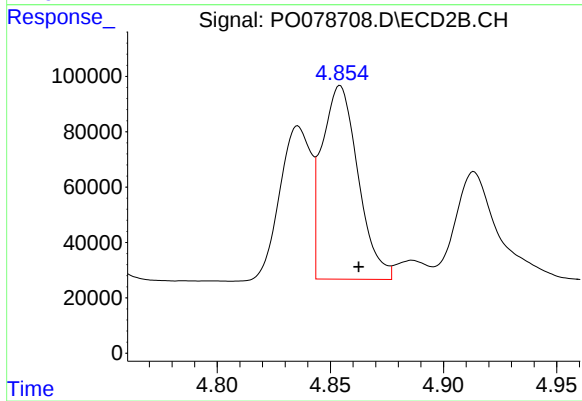
#3 AR-1016-1

R.T.: 4.836 min
Delta R.T.: -0.009 min
Response: 525858
Conc: 502.68 ng/ml



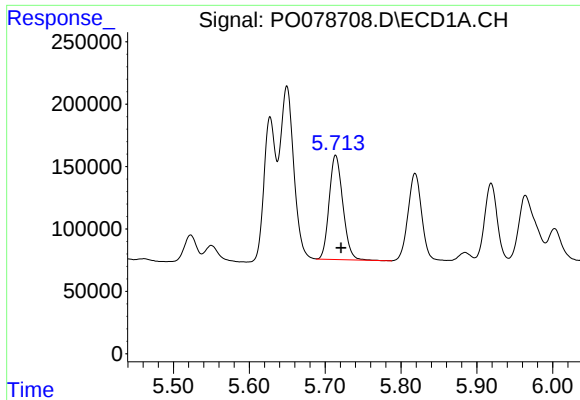
#4 AR-1016-2

R.T.: 5.650 min
Delta R.T.: -0.007 min
Response: 1715256
Conc: 475.76 ng/ml



#4 AR-1016-2

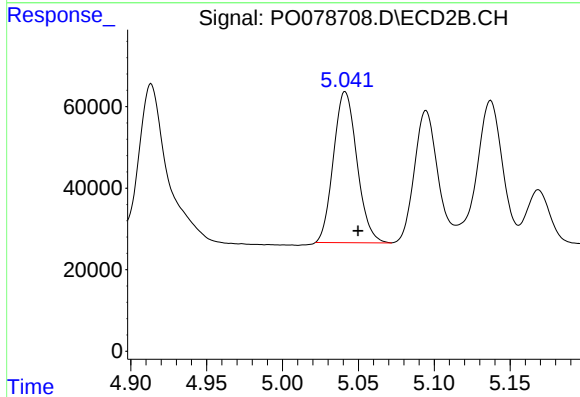
R.T.: 4.854 min
Delta R.T.: -0.008 min
Response: 775511
Conc: 491.23 ng/ml



#5 AR-1016-3

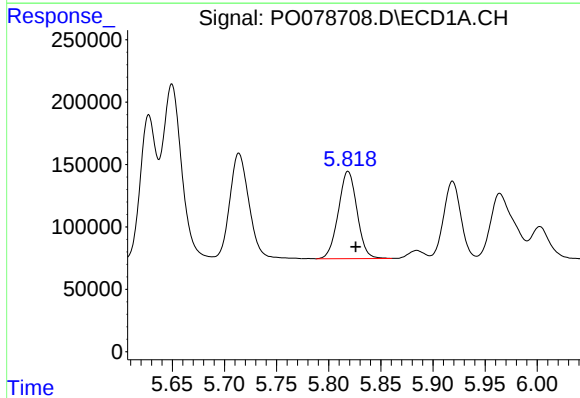
R.T.: 5.714 min
Delta R.T.: -0.007 min
Response: 1043963
Conc: 477.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



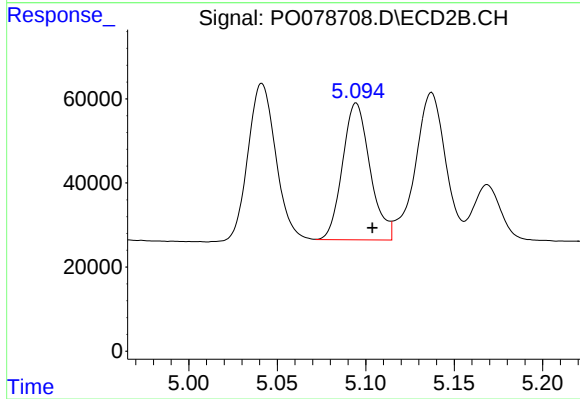
#5 AR-1016-3

R.T.: 5.041 min
Delta R.T.: -0.009 min
Response: 400006
Conc: 499.52 ng/ml



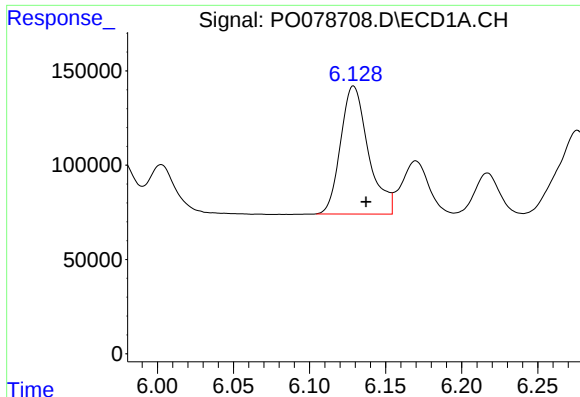
#6 AR-1016-4

R.T.: 5.819 min
Delta R.T.: -0.007 min
Response: 871805
Conc: 496.90 ng/ml



#6 AR-1016-4

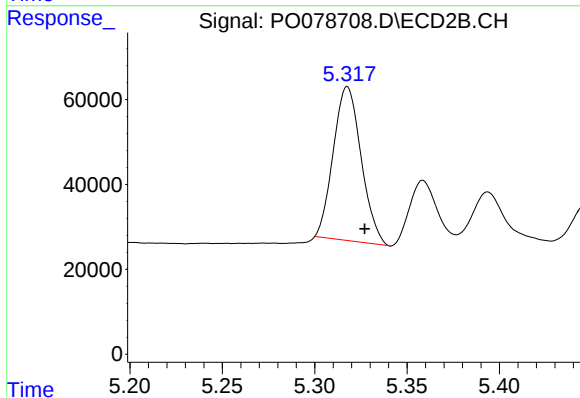
R.T.: 5.095 min
Delta R.T.: -0.009 min
Response: 352515
Conc: 499.17 ng/ml



#7 AR-1016-5

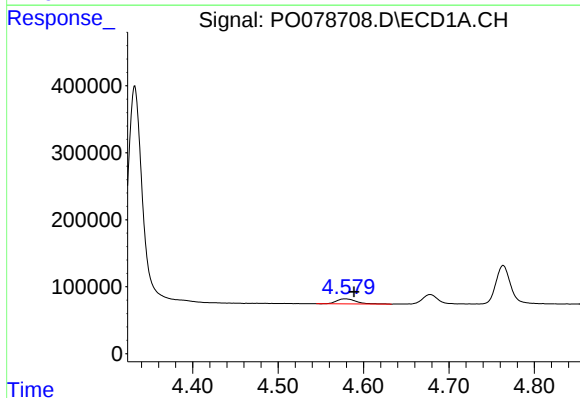
R.T.: 6.129 min
Delta R.T.: -0.008 min
Response: 860994
Conc: 496.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



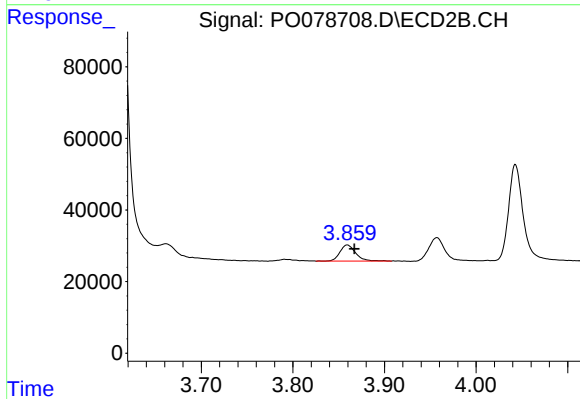
#7 AR-1016-5

R.T.: 5.318 min
Delta R.T.: -0.009 min
Response: 379993
Conc: 435.67 ng/ml



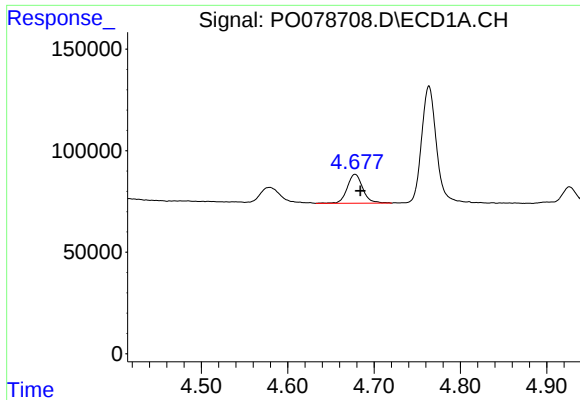
#8 AR-1221-1

R.T.: 4.579 min
Delta R.T.: -0.010 min
Response: 116775
Conc: 139.61 ng/ml



#8 AR-1221-1

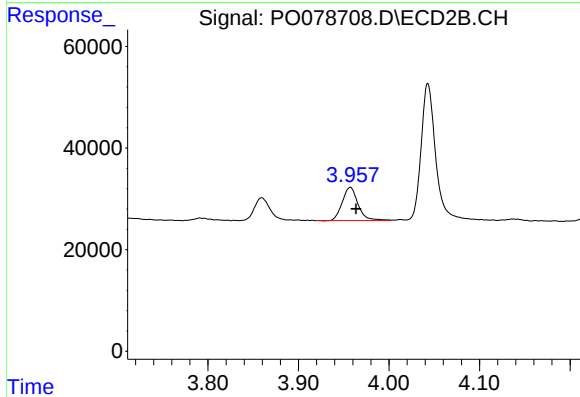
R.T.: 3.859 min
Delta R.T.: -0.008 min
Response: 53833
Conc: 141.37 ng/ml



#9 AR-1221-2

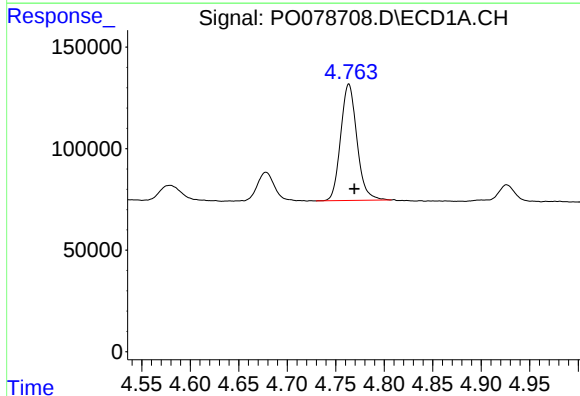
R.T.: 4.678 min
Delta R.T.: -0.006 min
Response: 177847
Conc: 293.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



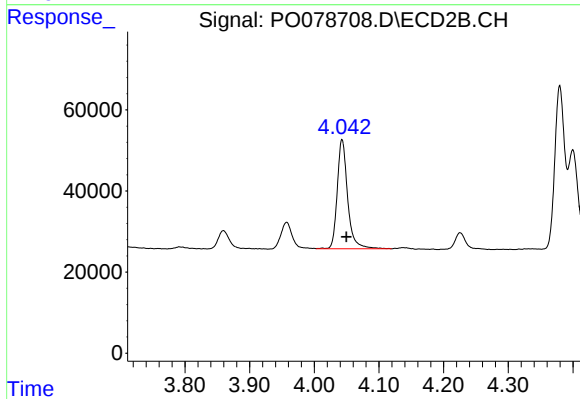
#9 AR-1221-2

R.T.: 3.957 min
Delta R.T.: -0.006 min
Response: 79020
Conc: 280.98 ng/ml



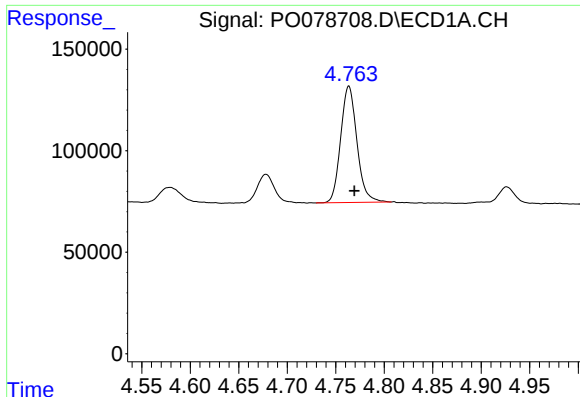
#10 AR-1221-3

R.T.: 4.764 min
Delta R.T.: -0.006 min
Response: 671251
Conc: 338.70 ng/ml



#10 AR-1221-3

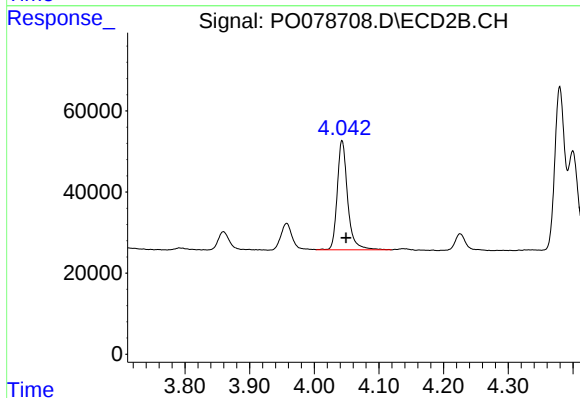
R.T.: 4.043 min
Delta R.T.: -0.007 min
Response: 302430
Conc: 335.75 ng/ml



#11 AR-1232-1

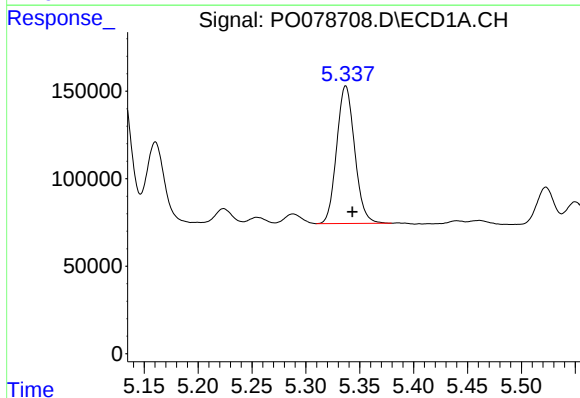
R.T.: 4.764 min
Delta R.T.: -0.006 min
Response: 671251
Conc: 438.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



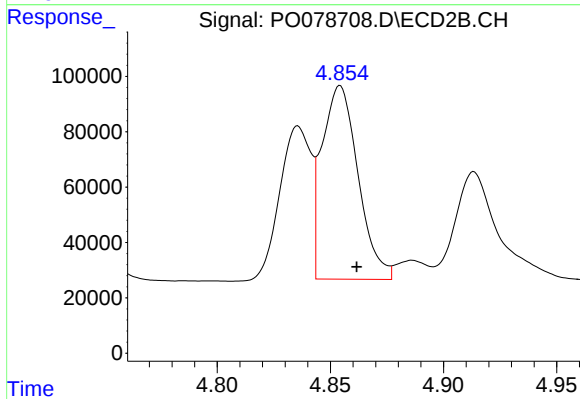
#11 AR-1232-1

R.T.: 4.043 min
Delta R.T.: -0.006 min
Response: 302430
Conc: 415.99 ng/ml



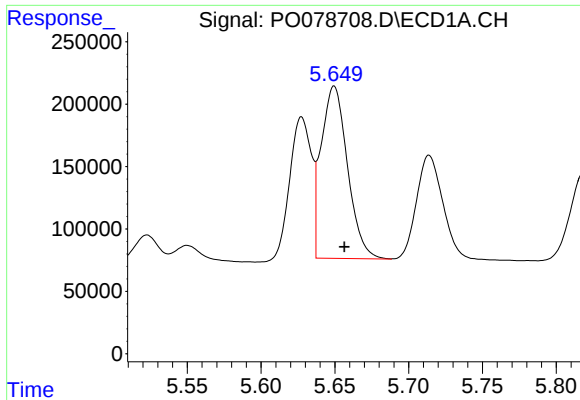
#12 AR-1232-2

R.T.: 5.337 min
Delta R.T.: -0.006 min
Response: 913991
Conc: 1175.74 ng/ml



#12 AR-1232-2

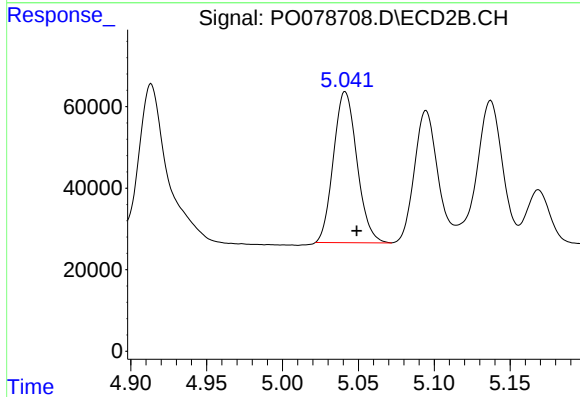
R.T.: 4.854 min
Delta R.T.: -0.007 min
Response: 775511
Conc: 1125.57 ng/ml



#13 AR-1232-3

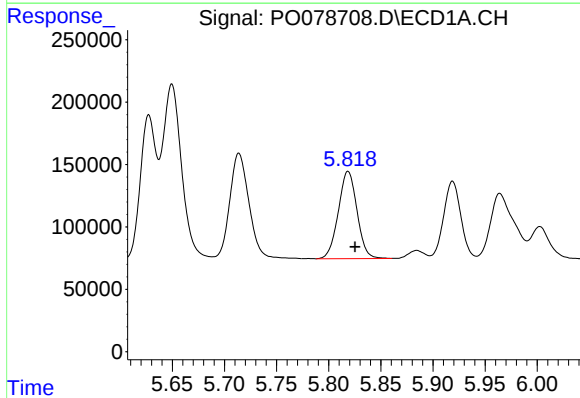
R.T.: 5.650 min
Delta R.T.: -0.007 min
Response: 1715256
Conc: 1176.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



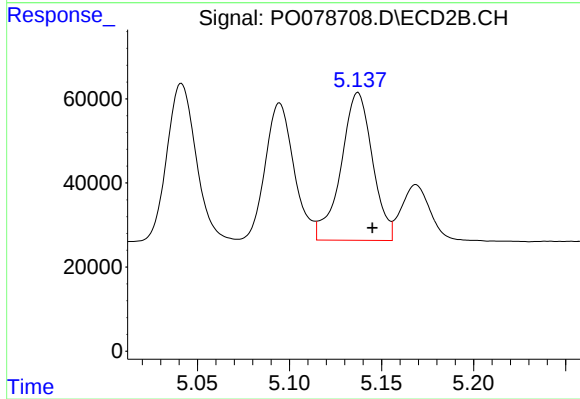
#13 AR-1232-3

R.T.: 5.041 min
Delta R.T.: -0.008 min
Response: 400006
Conc: 1168.05 ng/ml



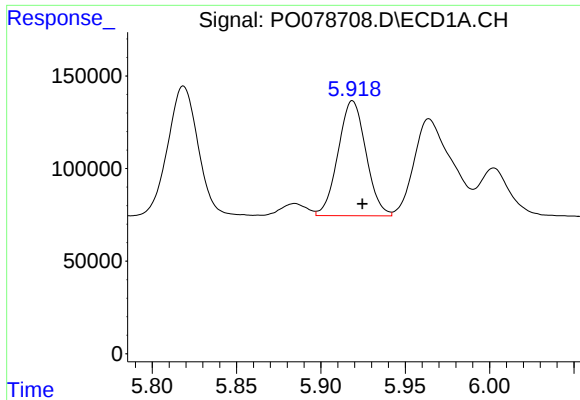
#14 AR-1232-4

R.T.: 5.819 min
Delta R.T.: -0.007 min
Response: 871805
Conc: 1242.55 ng/ml



#14 AR-1232-4

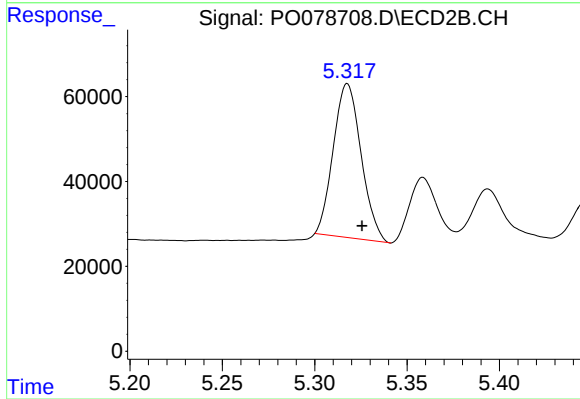
R.T.: 5.137 min
Delta R.T.: -0.008 min
Response: 418501
Conc: 1360.94 ng/ml



#15 AR-1232-5

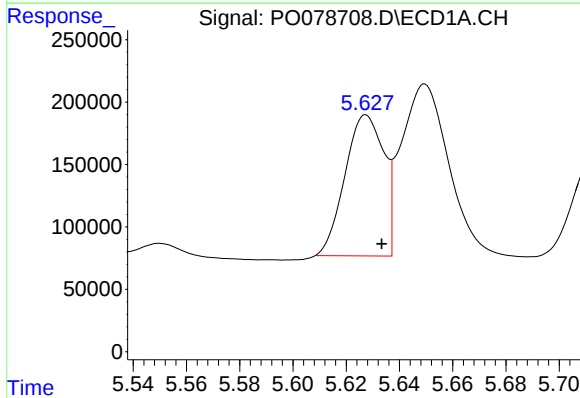
R.T.: 5.919 min
Delta R.T.: -0.006 min
Response: 714226
Conc: 1417.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



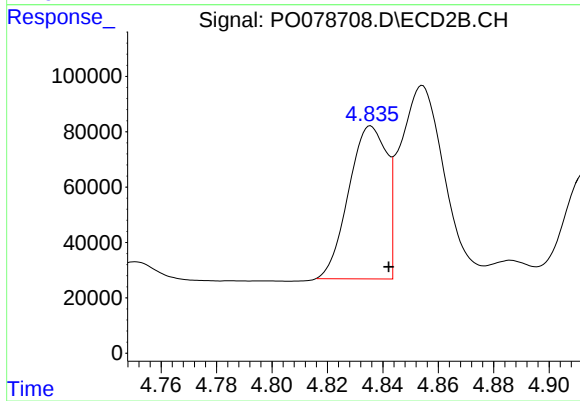
#15 AR-1232-5

R.T.: 5.318 min
Delta R.T.: -0.008 min
Response: 379993
Conc: 1090.07 ng/ml



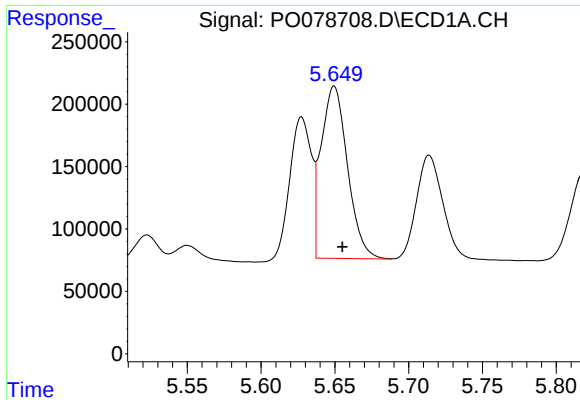
#16 AR-1242-1

R.T.: 5.627 min
Delta R.T.: -0.006 min
Response: 1143345
Conc: 632.98 ng/ml



#16 AR-1242-1

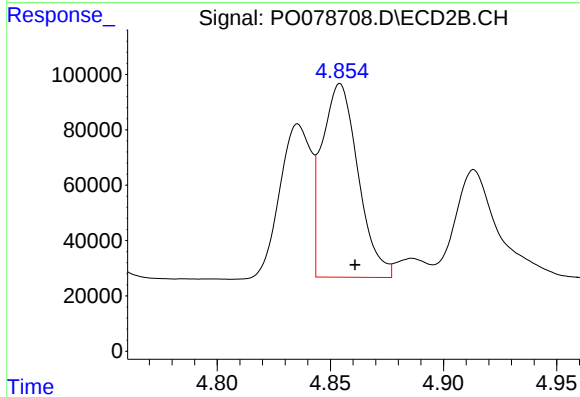
R.T.: 4.836 min
Delta R.T.: -0.006 min
Response: 525858
Conc: 625.22 ng/ml



#17 AR-1242-2

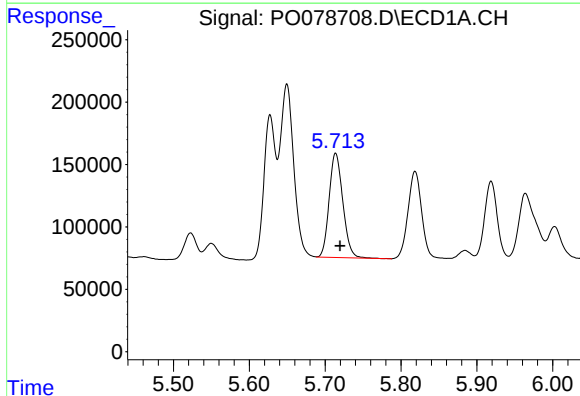
R.T.: 5.650 min
Delta R.T.: -0.006 min
Response: 1715256
Conc: 639.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



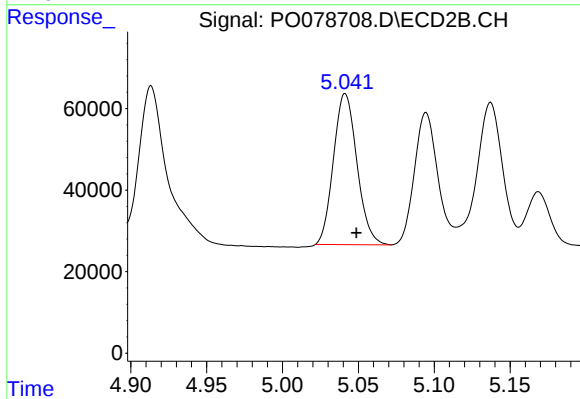
#17 AR-1242-2

R.T.: 4.854 min
Delta R.T.: -0.007 min
Response: 775511
Conc: 630.37 ng/ml



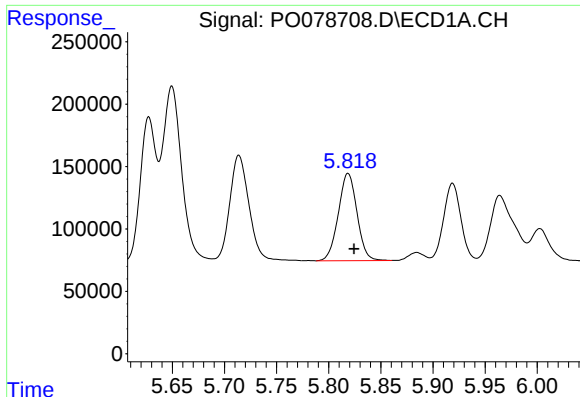
#18 AR-1242-3

R.T.: 5.714 min
Delta R.T.: -0.006 min
Response: 1043963
Conc: 634.17 ng/ml



#18 AR-1242-3

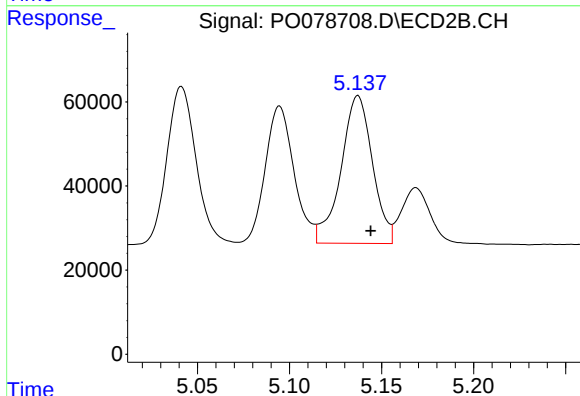
R.T.: 5.041 min
Delta R.T.: -0.007 min
Response: 400006
Conc: 630.76 ng/ml



#19 AR-1242-4

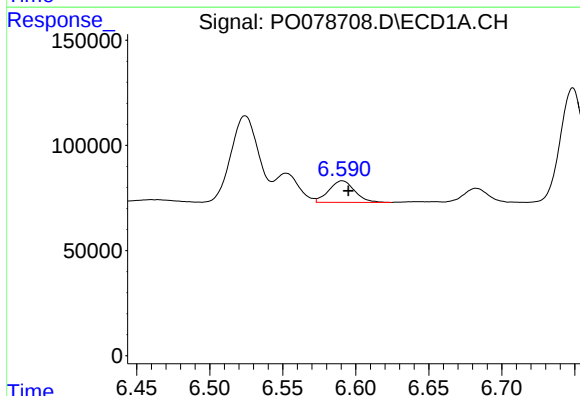
R.T.: 5.819 min
Delta R.T.: -0.006 min
Response: 871805
Conc: 647.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



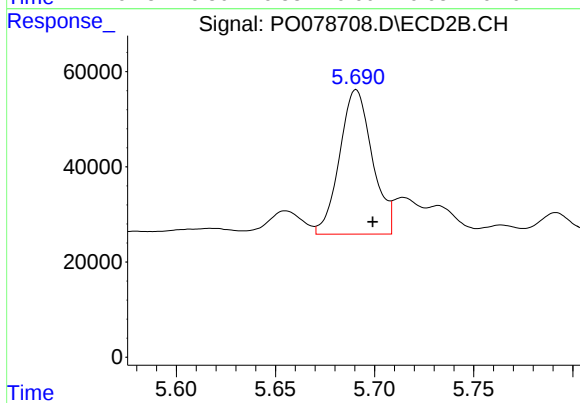
#19 AR-1242-4

R.T.: 5.137 min
Delta R.T.: -0.007 min
Response: 418501
Conc: 639.62 ng/ml



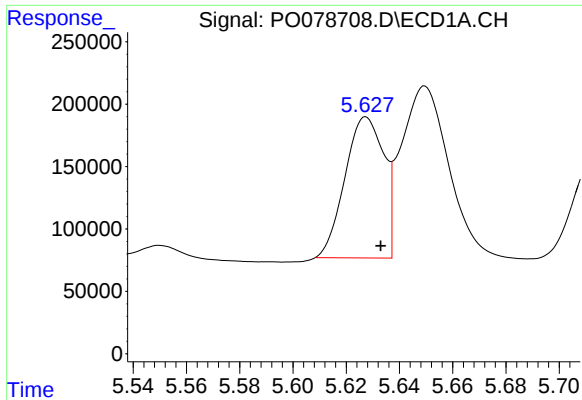
#20 AR-1242-5

R.T.: 6.591 min
Delta R.T.: -0.004 min
Response: 126898
Conc: 94.82 ng/ml



#20 AR-1242-5

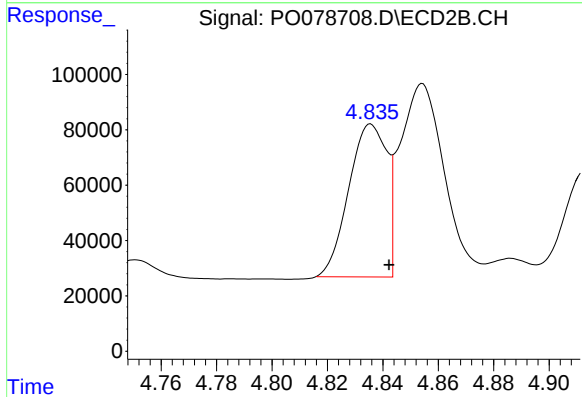
R.T.: 5.691 min
Delta R.T.: -0.008 min
Response: 348468
Conc: 423.81 ng/ml



#21 AR-1248-1

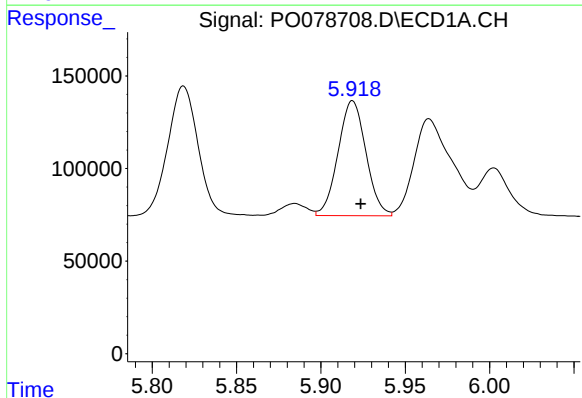
R.T.: 5.627 min
Delta R.T.: -0.006 min
Response: 1143345
Conc: 840.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



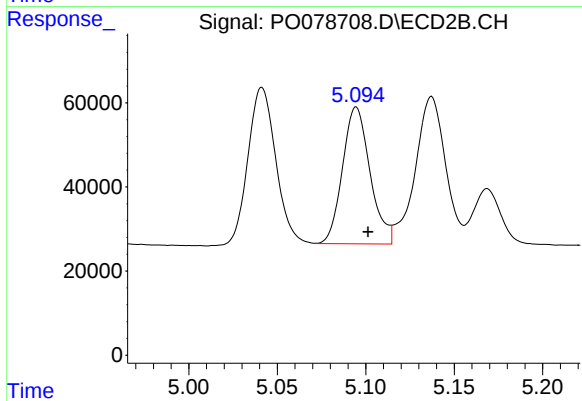
#21 AR-1248-1

R.T.: 4.836 min
Delta R.T.: -0.006 min
Response: 525858
Conc: 813.67 ng/ml



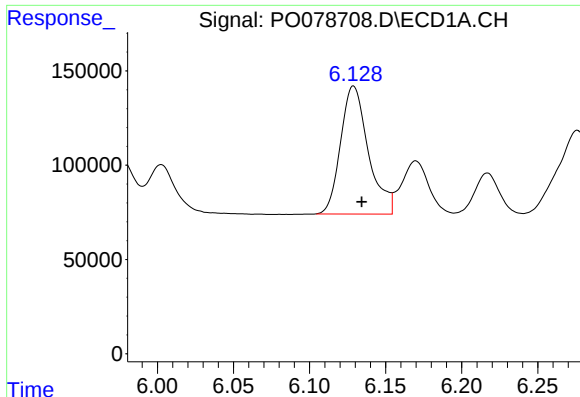
#22 AR-1248-2

R.T.: 5.919 min
Delta R.T.: -0.005 min
Response: 714226
Conc: 367.83 ng/ml



#22 AR-1248-2

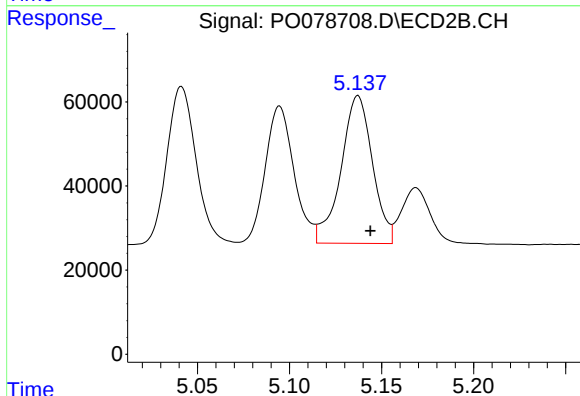
R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 352515
Conc: 361.53 ng/ml



#23 AR-1248-3

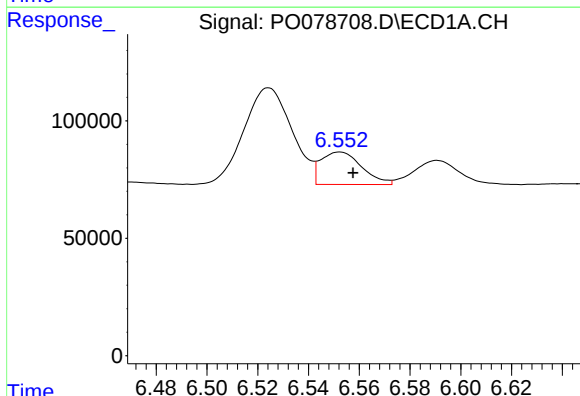
R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 860994
Conc: 380.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



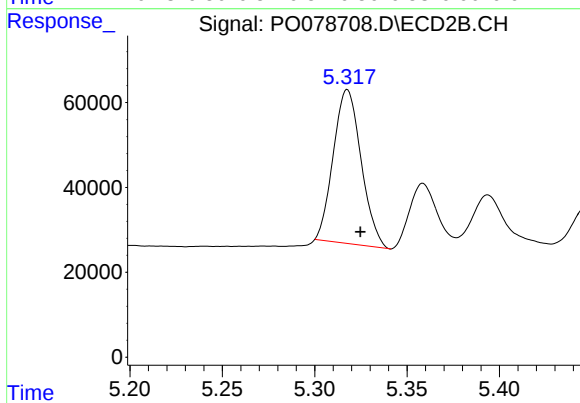
#23 AR-1248-3

R.T.: 5.137 min
Delta R.T.: -0.007 min
Response: 418501
Conc: 431.35 ng/ml



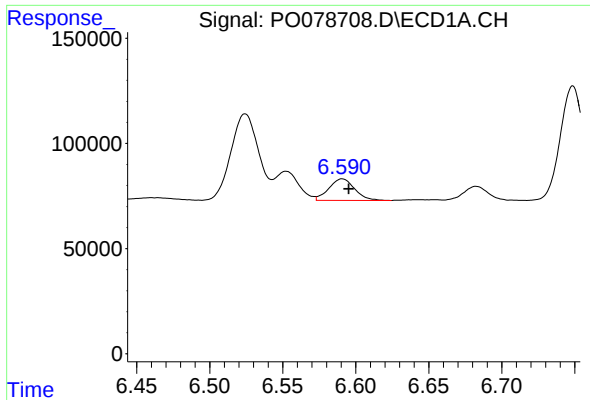
#24 AR-1248-4

R.T.: 6.552 min
Delta R.T.: -0.005 min
Response: 155158
Conc: 65.49 ng/ml



#24 AR-1248-4

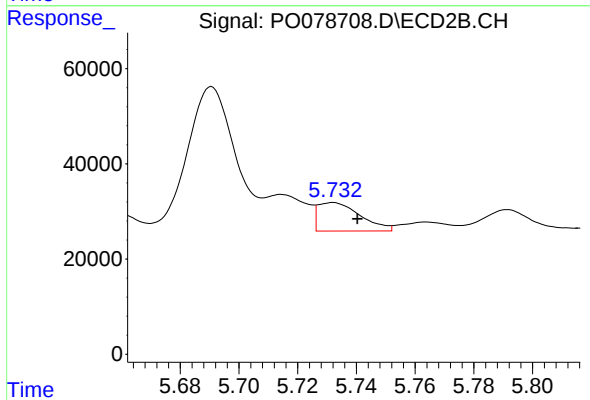
R.T.: 5.318 min
Delta R.T.: -0.007 min
Response: 379993
Conc: 328.05 ng/ml



#25 AR-1248-5

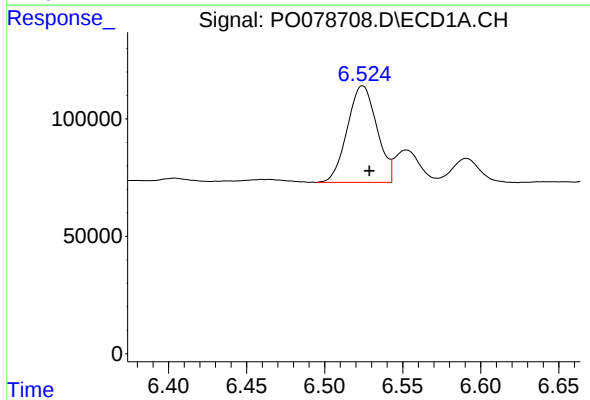
R.T.: 6.591 min
Delta R.T.: -0.004 min
Response: 126898
Conc: 54.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



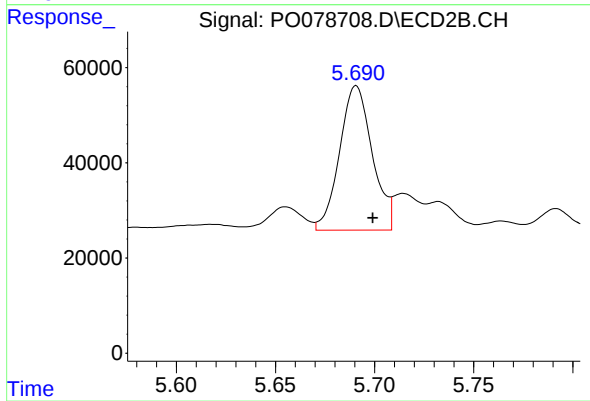
#25 AR-1248-5

R.T.: 5.732 min
Delta R.T.: -0.008 min
Response: 59938
Conc: 54.67 ng/ml



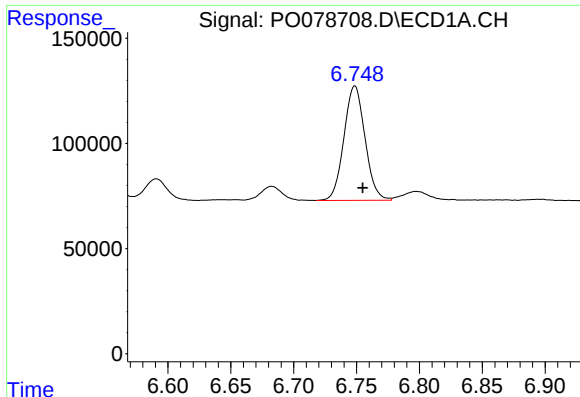
#26 AR-1254-1

R.T.: 6.524 min
Delta R.T.: -0.004 min
Response: 543100
Conc: 214.61 ng/ml



#26 AR-1254-1

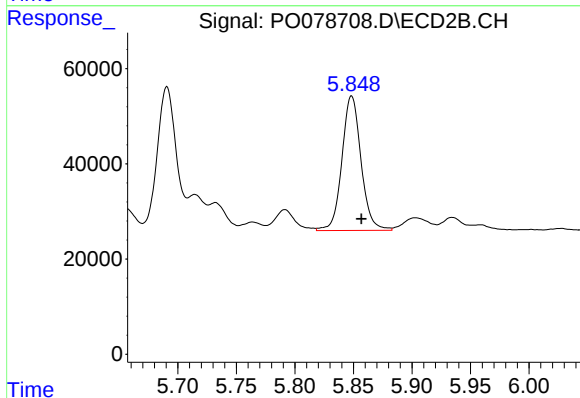
R.T.: 5.691 min
Delta R.T.: -0.008 min
Response: 348468
Conc: 201.90 ng/ml



#27 AR-1254-2

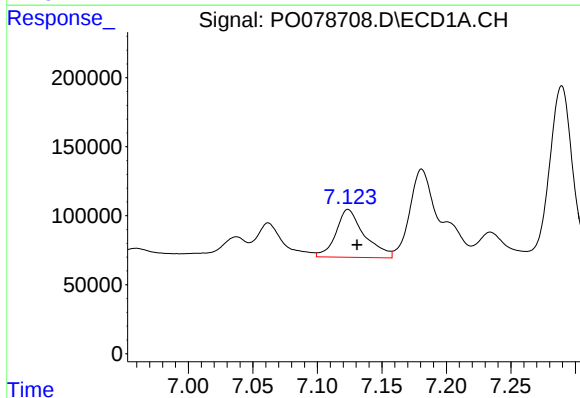
R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 635031
Conc: 159.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



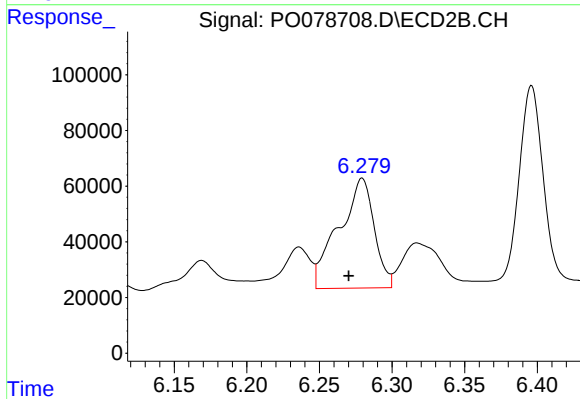
#27 AR-1254-2

R.T.: 5.848 min
Delta R.T.: -0.008 min
Response: 320909
Conc: 200.13 ng/ml



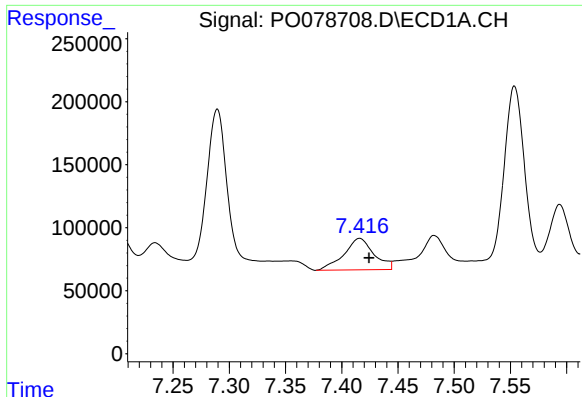
#28 AR-1254-3

R.T.: 7.124 min
Delta R.T.: -0.007 min
Response: 533486
Conc: 128.44 ng/ml



#28 AR-1254-3

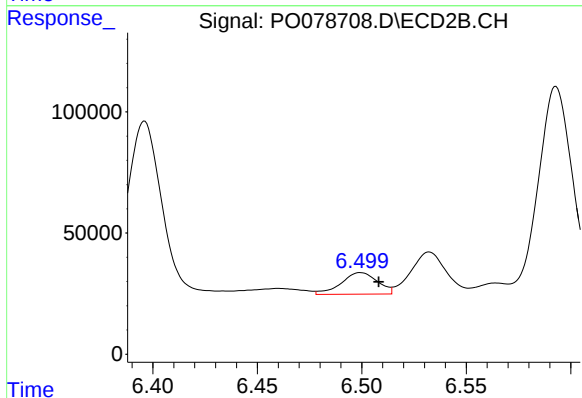
R.T.: 6.279 min
Delta R.T.: 0.009 min
Response: 667685
Conc: 279.06 ng/ml



#29 AR-1254-4

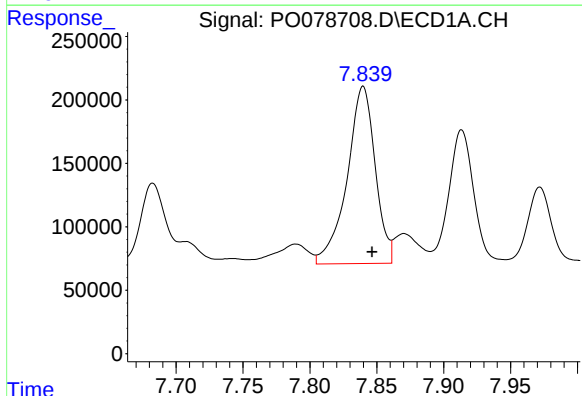
R.T.: 7.416 min
Delta R.T.: -0.008 min
Response: 464137
Conc: 157.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



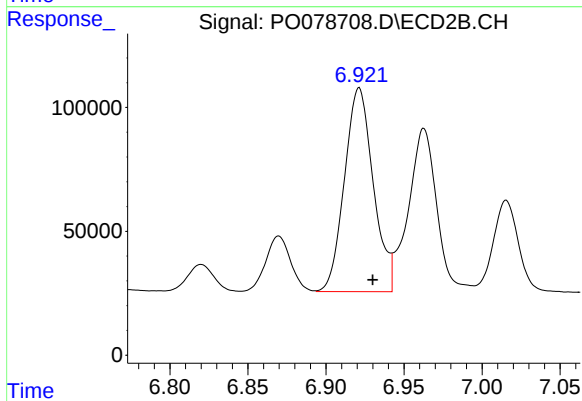
#29 AR-1254-4

R.T.: 6.499 min
Delta R.T.: -0.009 min
Response: 108002
Conc: 73.80 ng/ml



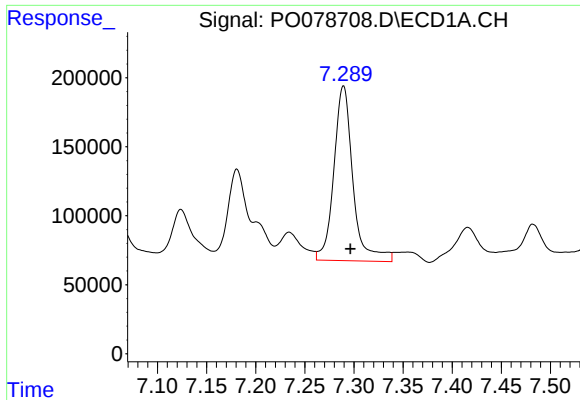
#30 AR-1254-5

R.T.: 7.840 min
Delta R.T.: -0.007 min
Response: 2043975
Conc: 637.46 ng/ml



#30 AR-1254-5

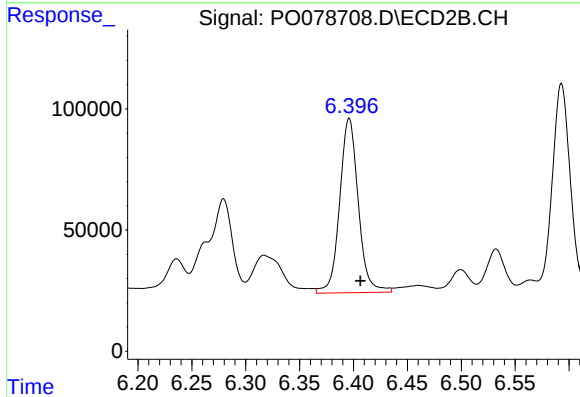
R.T.: 6.921 min
Delta R.T.: -0.009 min
Response: 1056355
Conc: 463.34 ng/ml



#31 AR-1260-1

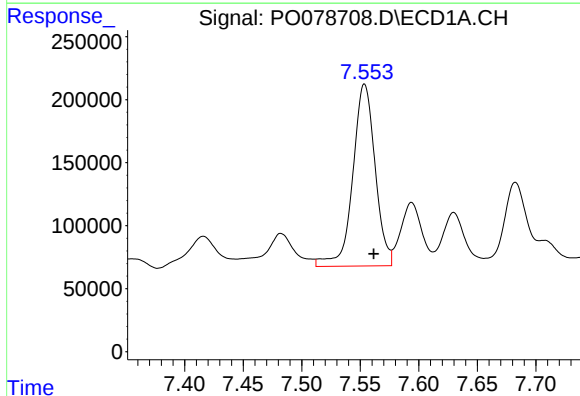
R.T.: 7.289 min
Delta R.T.: -0.007 min
Response: 1715322
Conc: 585.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



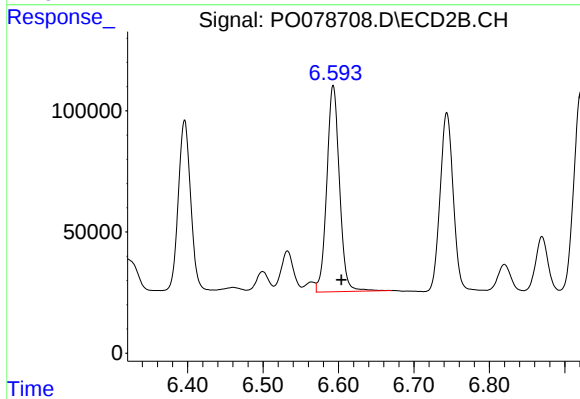
#31 AR-1260-1

R.T.: 6.396 min
Delta R.T.: -0.010 min
Response: 865640
Conc: 545.58 ng/ml



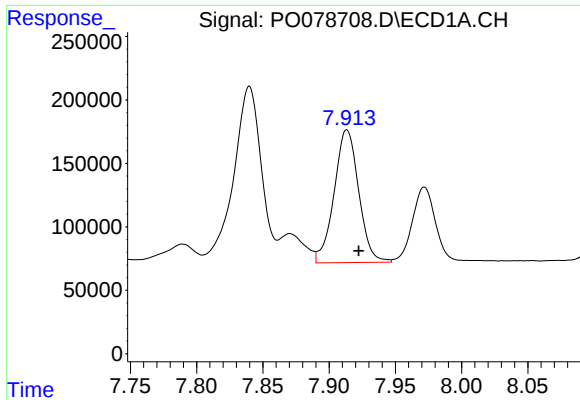
#32 AR-1260-2

R.T.: 7.554 min
Delta R.T.: -0.008 min
Response: 1921979
Conc: 584.26 ng/ml



#32 AR-1260-2

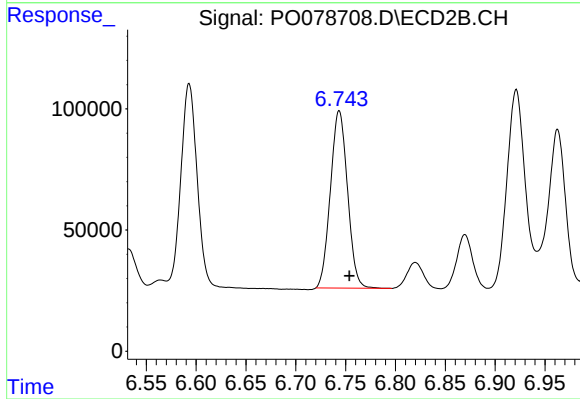
R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 994108
Conc: 533.74 ng/ml



#33 AR-1260-3

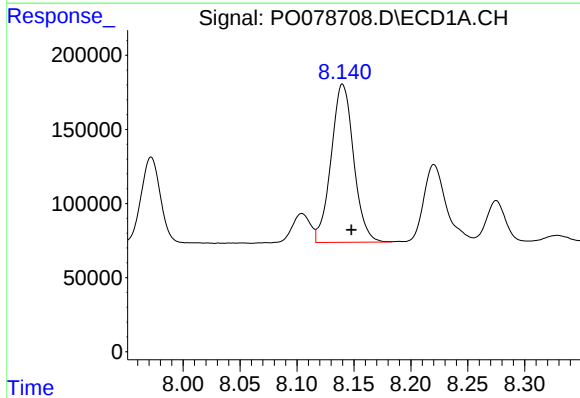
R.T.: 7.913 min
Delta R.T.: -0.009 min
Response: 1350578
Conc: 570.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



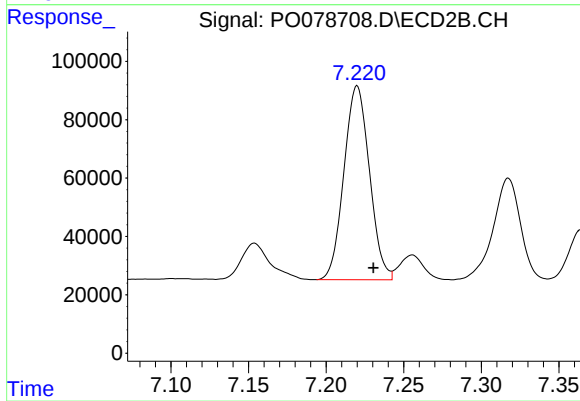
#33 AR-1260-3

R.T.: 6.744 min
Delta R.T.: -0.010 min
Response: 874191
Conc: 492.68 ng/ml



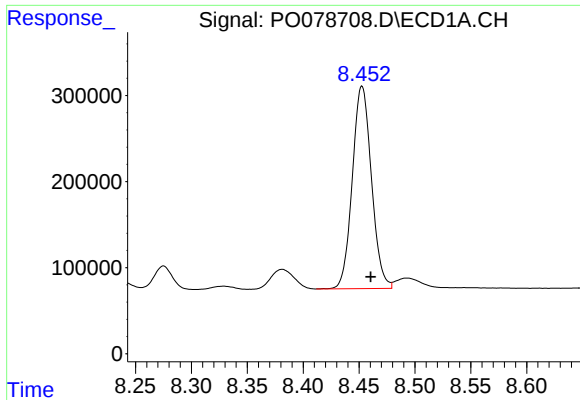
#34 AR-1260-4

R.T.: 8.140 min
Delta R.T.: -0.008 min
Response: 1470942
Conc: 571.91 ng/ml



#34 AR-1260-4

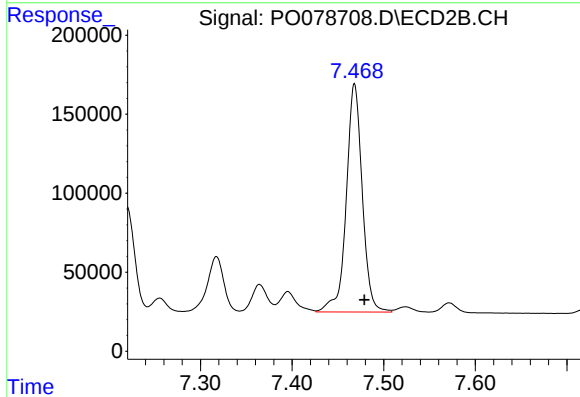
R.T.: 7.220 min
Delta R.T.: -0.010 min
Response: 761636
Conc: 519.76 ng/ml



#35 AR-1260-5

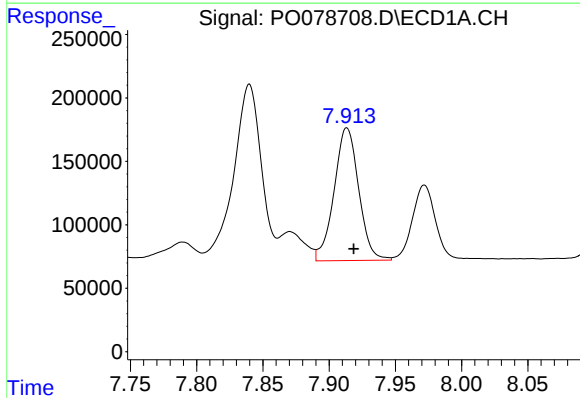
R.T.: 8.453 min
Delta R.T.: -0.008 min
Response: 2800973
Conc: 550.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



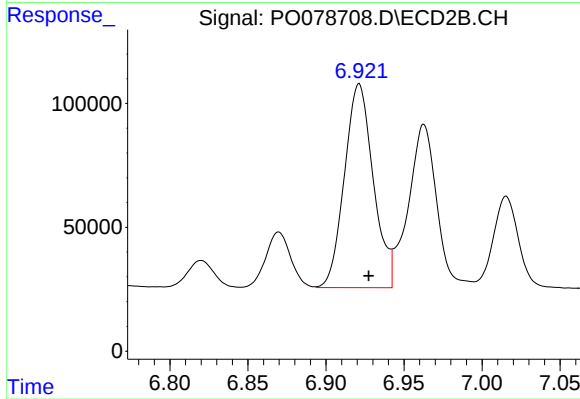
#35 AR-1260-5

R.T.: 7.468 min
Delta R.T.: -0.011 min
Response: 1752462
Conc: 502.24 ng/ml



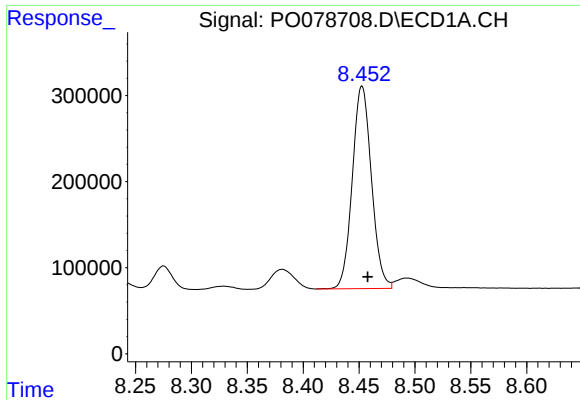
#36 AR-1262-1

R.T.: 7.913 min
Delta R.T.: -0.005 min
Response: 1350578
Conc: 345.26 ng/ml



#36 AR-1262-1

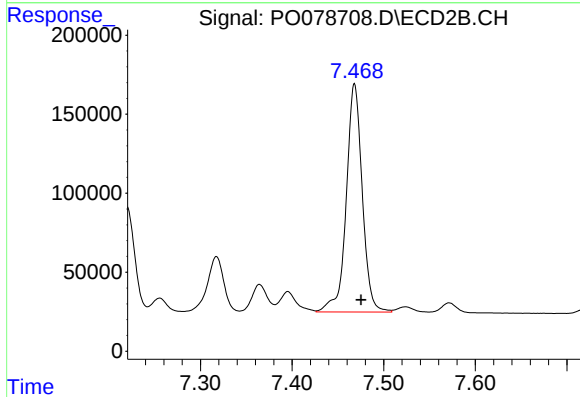
R.T.: 6.921 min
Delta R.T.: -0.006 min
Response: 1056355
Conc: 884.26 ng/ml



#37 AR-1262-2

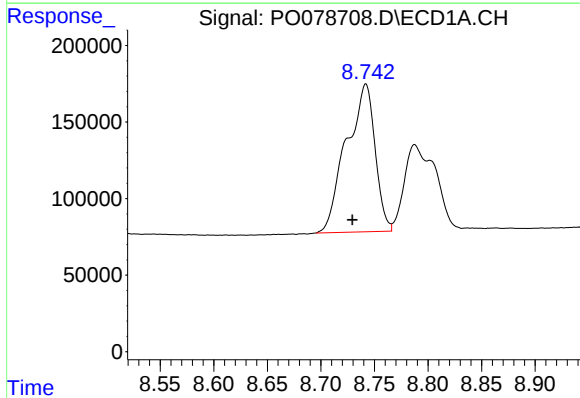
R.T.: 8.453 min
Delta R.T.: -0.005 min
Response: 2800973
Conc: 437.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



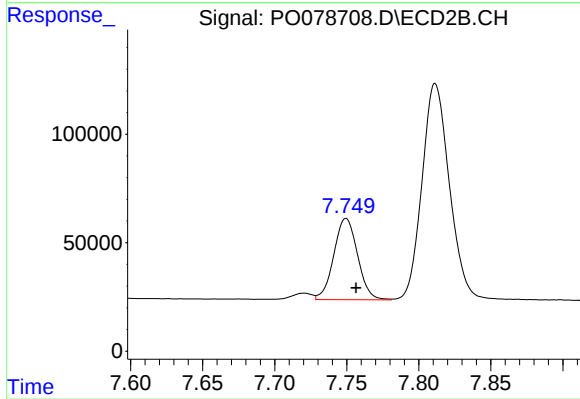
#37 AR-1262-2

R.T.: 7.468 min
Delta R.T.: -0.007 min
Response: 1752462
Conc: 446.85 ng/ml



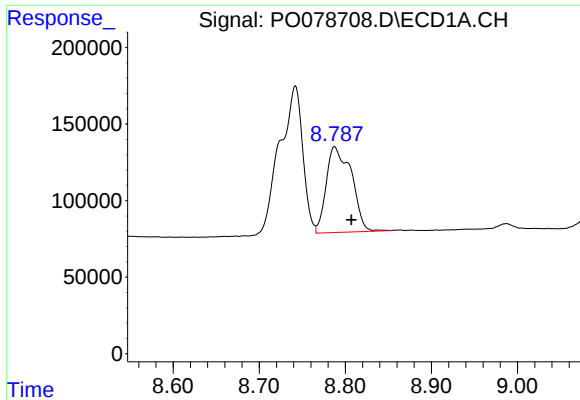
#38 AR-1262-3

R.T.: 8.742 min
Delta R.T.: 0.013 min
Response: 1800418
Conc: 431.08 ng/ml



#38 AR-1262-3

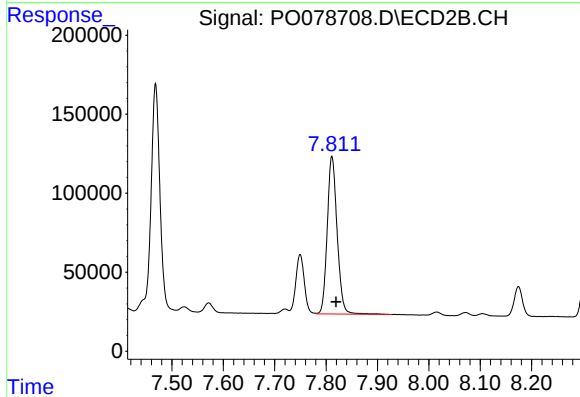
R.T.: 7.750 min
Delta R.T.: -0.007 min
Response: 430386
Conc: 261.46 ng/ml



#39 AR-1262-4

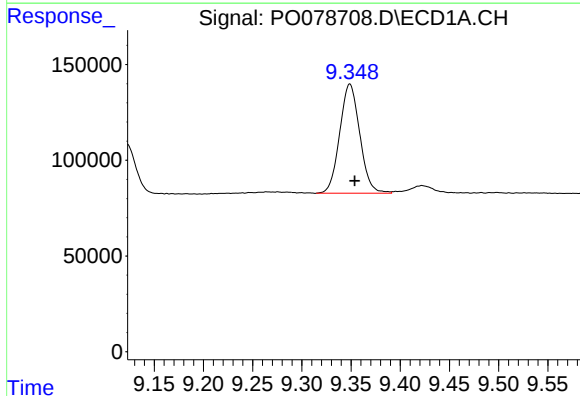
R.T.: 8.788 min
Delta R.T.: -0.020 min
Response: 1137442
Conc: 367.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



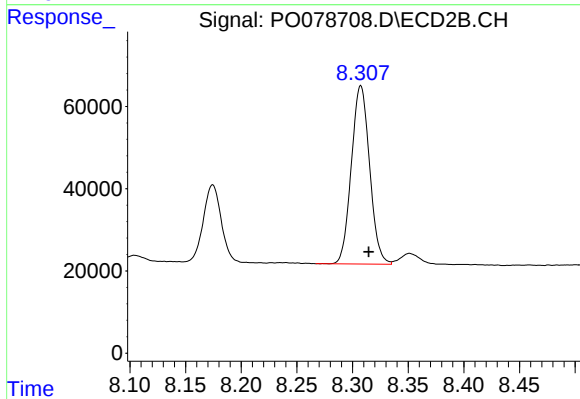
#39 AR-1262-4

R.T.: 7.811 min
Delta R.T.: -0.008 min
Response: 1338779
Conc: 445.07 ng/ml



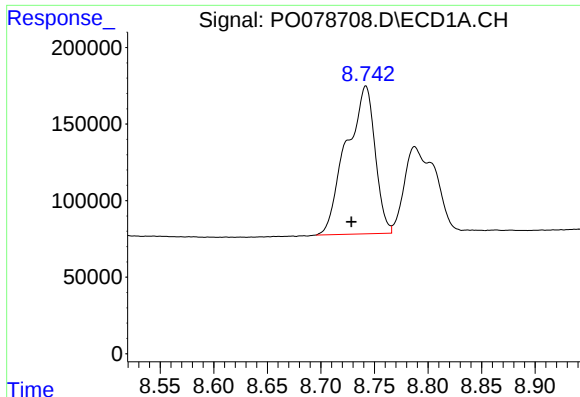
#40 AR-1262-5

R.T.: 9.349 min
Delta R.T.: -0.005 min
Response: 810681
Conc: 427.84 ng/ml



#40 AR-1262-5

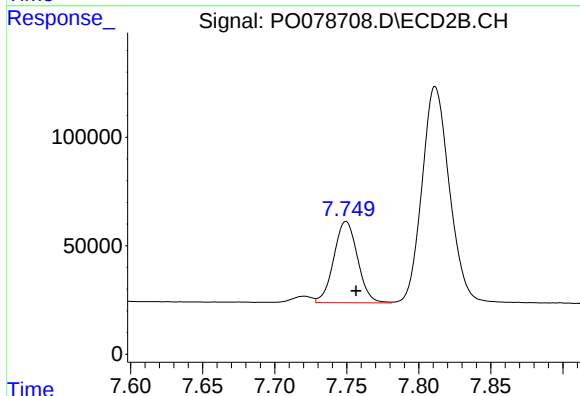
R.T.: 8.307 min
Delta R.T.: -0.007 min
Response: 495197
Conc: 364.88 ng/ml



#41 AR-1268-1

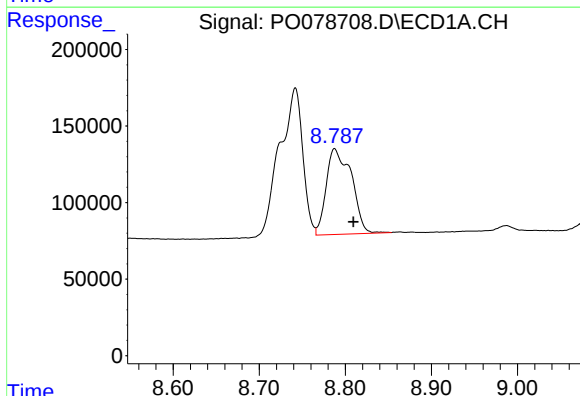
R.T.: 8.742 min
Delta R.T.: 0.013 min
Response: 1800418
Conc: 251.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



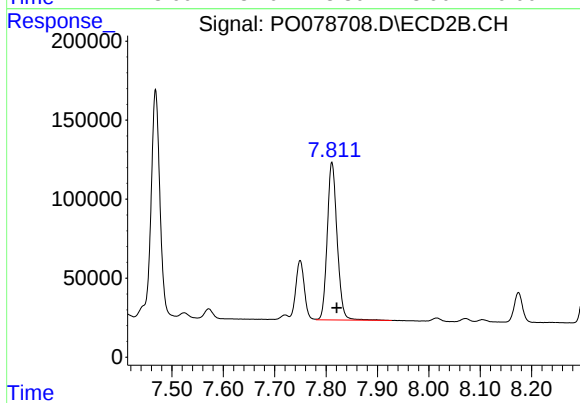
#41 AR-1268-1

R.T.: 7.750 min
Delta R.T.: -0.007 min
Response: 430386
Conc: 94.76 ng/ml



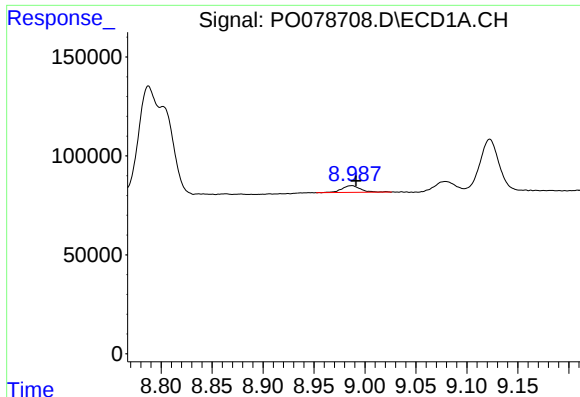
#42 AR-1268-2

R.T.: 8.788 min
Delta R.T.: -0.022 min
Response: 1137442
Conc: 178.54 ng/ml



#42 AR-1268-2

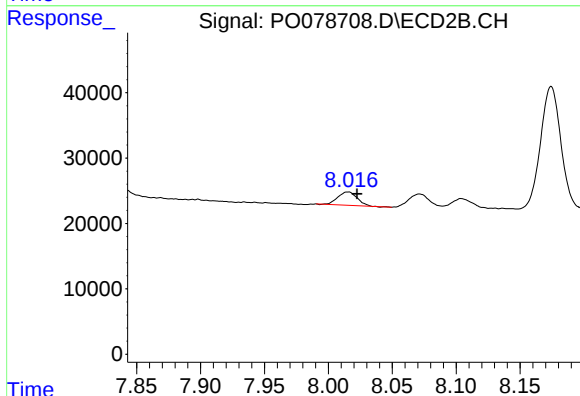
R.T.: 7.811 min
Delta R.T.: -0.010 min
Response: 1338779
Conc: 326.94 ng/ml



#43 AR-1268-3

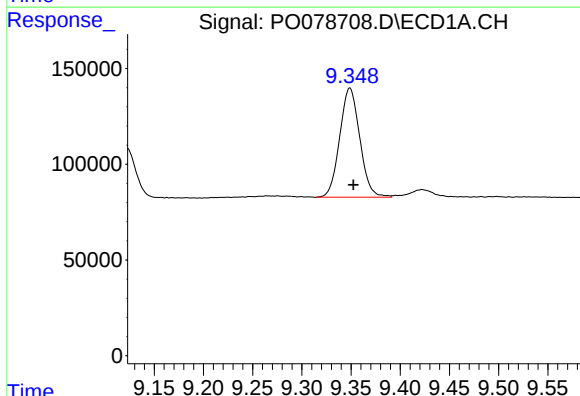
R.T.: 8.987 min
Delta R.T.: -0.004 min
Response: 43718
Conc: 8.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



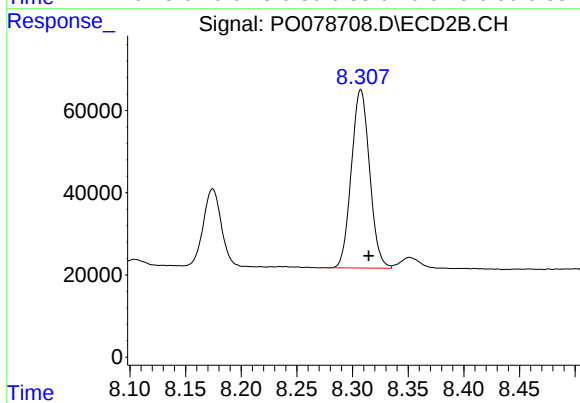
#43 AR-1268-3

R.T.: 8.015 min
Delta R.T.: -0.007 min
Response: 21373
Conc: 6.13 ng/ml



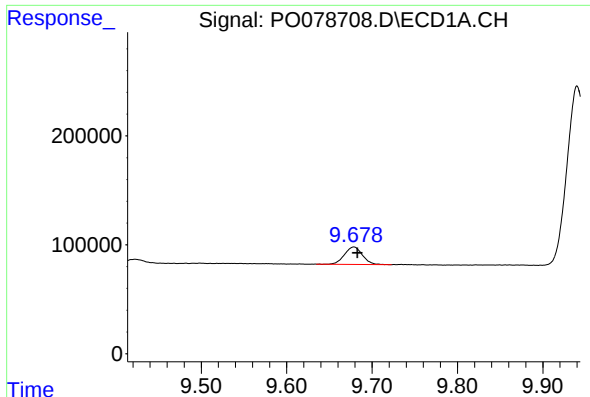
#44 AR-1268-4

R.T.: 9.349 min
Delta R.T.: -0.004 min
Response: 810681
Conc: 409.51 ng/ml



#44 AR-1268-4

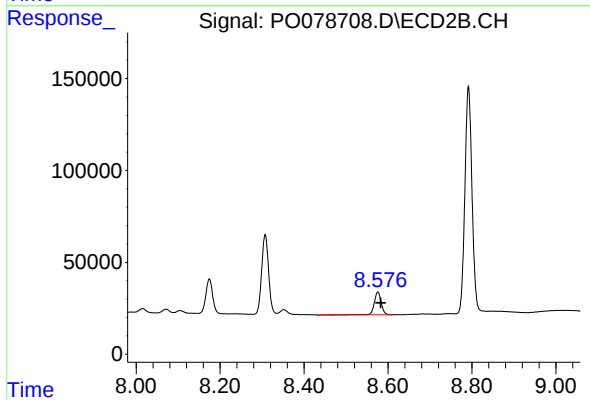
R.T.: 8.307 min
Delta R.T.: -0.007 min
Response: 495197
Conc: 337.36 ng/ml



#45 AR-1268-5

R.T.: 9.679 min
Delta R.T.: -0.004 min
Response: 234114
Conc: 15.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.576 min
Delta R.T.: -0.007 min
Response: 143860
Conc: 13.89 ng/ml