

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060721\
 Data File : P0078538.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Jun 2021 00:43
 Operator : DD\AJ
 Sample : P0060721ICV500
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 09:19:13 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...	4.336	3.612	3745156	1534332	49.033	48.566
2)	SA Decachlor...	9.945	8.798	2124618	1381061	52.398	57.435
Target Compounds							
3)	L1 AR-1016-1	5.633	4.841	1103474	505824	471.260	483.534
4)	L1 AR-1016-2	5.655	4.859	1679646	744506	465.887	471.594
5)	L1 AR-1016-3	5.718	5.047	1021136	397943	466.921	496.948
6)	L1 AR-1016-4	5.823	5.100	838966	352643	478.185	499.351
7)	L1 AR-1016-5	6.134	5.323	843840	428195	486.412	490.930
8)	L2 AR-1221-1	4.585	3.863	103870	53615	124.184	140.801
9)	L2 AR-1221-2	4.683	3.961	156898	74630	259.045	265.370
10)	L2 AR-1221-3	4.768	4.047	642899	291545	324.391	323.662
11)	L3 AR-1232-1	4.768	4.047	642899	291545	419.930	401.012
12)	L3 AR-1232-2	5.342	4.859	918524	744506	1181.568	1080.570
13)	L3 AR-1232-3	5.655	5.047	1679646	397943	1151.887	1162.031
14)	L3 AR-1232-4	5.823	5.143	838966	409025	1195.749	1330.125
15)	L3 AR-1232-5	5.924	5.323	754906	428195	1498.605	1228.348
16)	L4 AR-1242-1	5.633	4.841	1103474	505824	610.905	601.401
17)	L4 AR-1242-2	5.655	4.859	1679646	744506	626.131	605.169
18)	L4 AR-1242-3	5.718	5.047	1021136	397943	620.307	627.511
19)	L4 AR-1242-4	5.823	5.143	838966	409025	622.913	625.136
20)	L4 AR-1242-5	6.595	5.696	126042	317723	94.176	386.417 #
21)	L5 AR-1248-1	5.633	4.841	1103474	505824	811.615	782.675
22)	L5 AR-1248-2	5.924	5.100	754906	352643	388.785	361.659
23)	L5 AR-1248-3	6.134	5.143	843840	409025	373.381	421.584
24)	L5 AR-1248-4	6.557	5.323	146114	428195	61.674	369.661 #
25)	L5 AR-1248-5	6.595	5.739	126042	51332	54.162	46.819
26)	L6 AR-1254-1	6.525	5.696	562554	317723	222.295	184.088
27)	L6 AR-1254-2	6.753	5.854	619697	300103	156.050	187.156
28)	L6 AR-1254-3	7.129	6.285	345472	567738	83.174	237.289 #
29)	L6 AR-1254-4	7.419	6.505	234739	75314	79.835	51.465 #
30)	L6 AR-1254-5	7.843	6.927	1899032	999338	592.254	438.331 #
31)	L7 AR-1260-1	7.292	6.402	1444772	766611	492.755	483.163
32)	L7 AR-1260-2	7.558	6.599	1659173	915439	504.368	491.507
33)	L7 AR-1260-3	7.918	6.749	1258995	861767	531.668	485.675
34)	L7 AR-1260-4	8.144	7.226	1402208	731459	545.188	499.165
35)	L7 AR-1260-5	8.457	7.474	2576554	1655920	506.670	474.576
36)	L8 AR-1262-1	7.918	6.927	1258995	999338	321.848	836.533 #
37)	L8 AR-1262-2	8.457	7.474	2576554	1655920	402.730	422.232
38)	L8 AR-1262-3	8.746f	7.755	1642302	404764	393.224	245.891 #
39)	L8 AR-1262-4	8.805	7.818	417618	1272868	134.762	423.154 #
40)	L8 AR-1262-5	9.353	8.313	634579	471147	334.903	347.162
41)	L9 AR-1268-1	8.746f	7.755	1642302	404764	228.964	89.116 #

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 Operator : DD\AJ
 Sample : P0060721ICV500
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 ALS Vial : 43 Sample Multiplier: 1

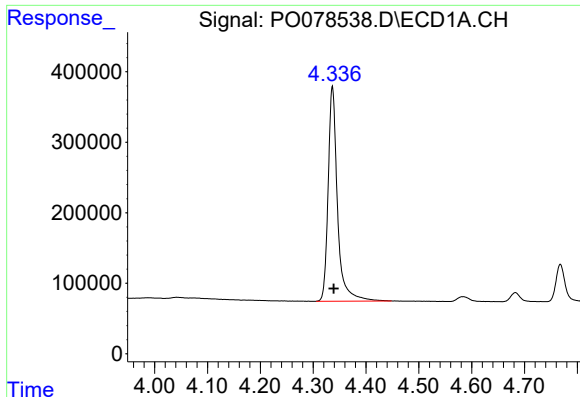
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 09:19:13 2021
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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	8.805	7.818	417618	1272868	65.553	310.840 #
43) L9	AR-1268-3	8.990	8.021	38290	23216	7.373	6.655
44) L9	AR-1268-4	9.353	8.313	634579	471147	320.550	320.980
45) L9	AR-1268-5	9.681	8.582	178816	135884	11.622	13.119

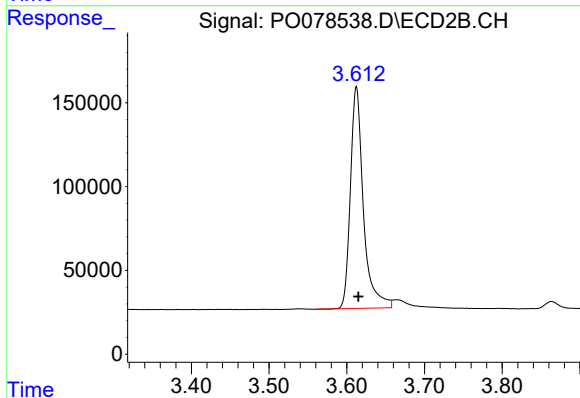
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

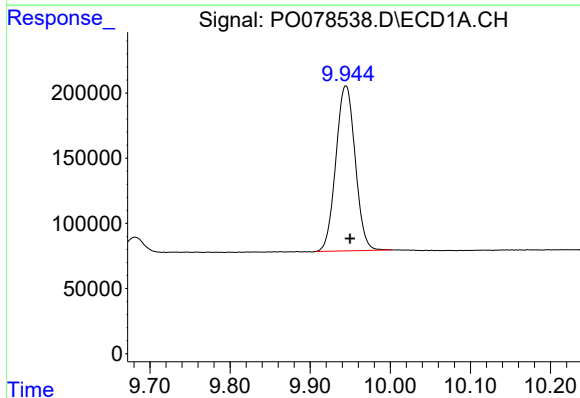
R.T.: 4.336 min
Delta R.T.: -0.003 min
Response: 3745156
Conc: 49.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



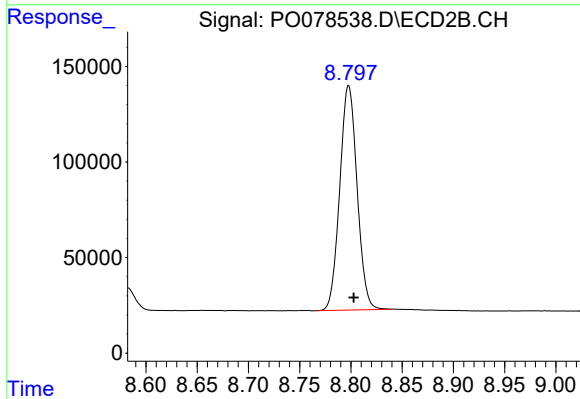
#1 Tetrachloro-m-xylene

R.T.: 3.612 min
Delta R.T.: -0.003 min
Response: 1534332
Conc: 48.57 ng/ml



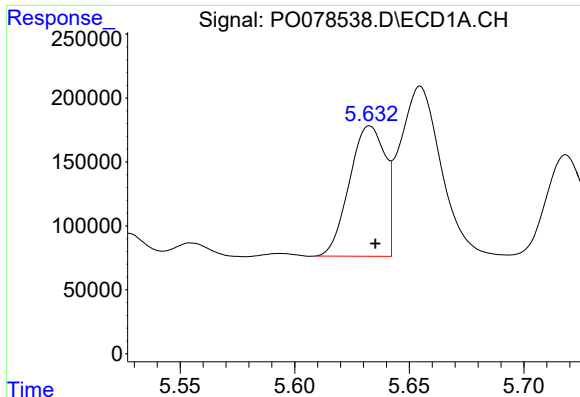
#2 Decachlorobiphenyl

R.T.: 9.945 min
Delta R.T.: -0.005 min
Response: 2124618
Conc: 52.40 ng/ml



#2 Decachlorobiphenyl

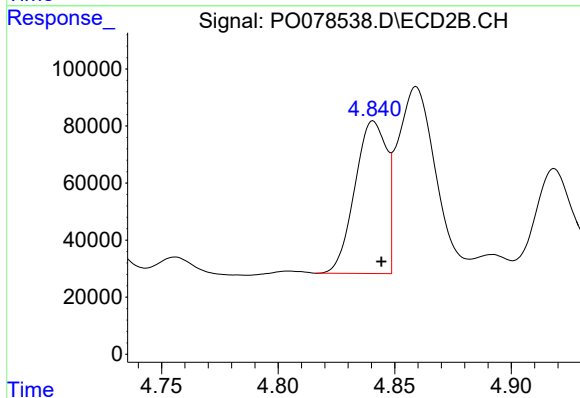
R.T.: 8.798 min
Delta R.T.: -0.005 min
Response: 1381061
Conc: 57.44 ng/ml



#3 AR-1016-1

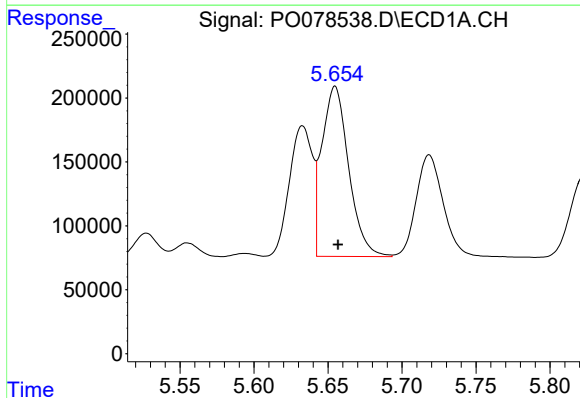
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 1103474
Conc: 471.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



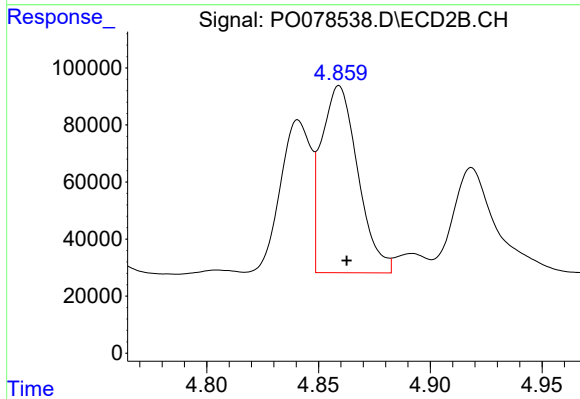
#3 AR-1016-1

R.T.: 4.841 min
Delta R.T.: -0.003 min
Response: 505824
Conc: 483.53 ng/ml



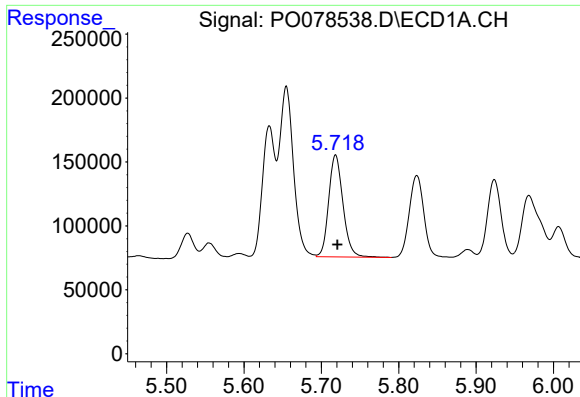
#4 AR-1016-2

R.T.: 5.655 min
Delta R.T.: -0.002 min
Response: 1679646
Conc: 465.89 ng/ml



#4 AR-1016-2

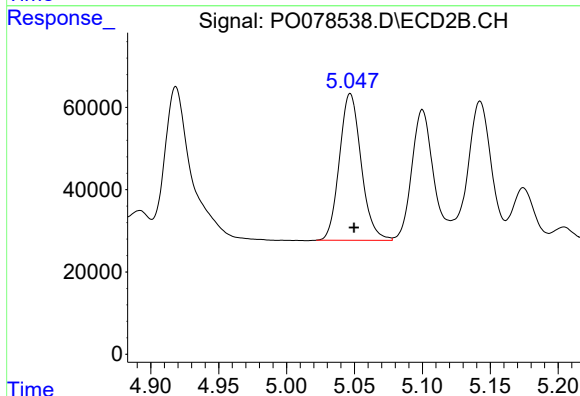
R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 744506
Conc: 471.59 ng/ml



#5 AR-1016-3

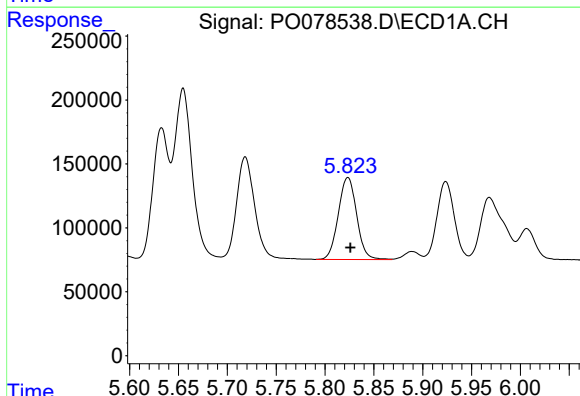
R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 1021136
Conc: 466.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



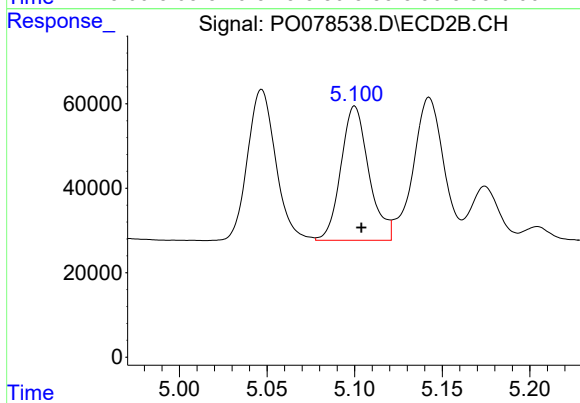
#5 AR-1016-3

R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 397943
Conc: 496.95 ng/ml



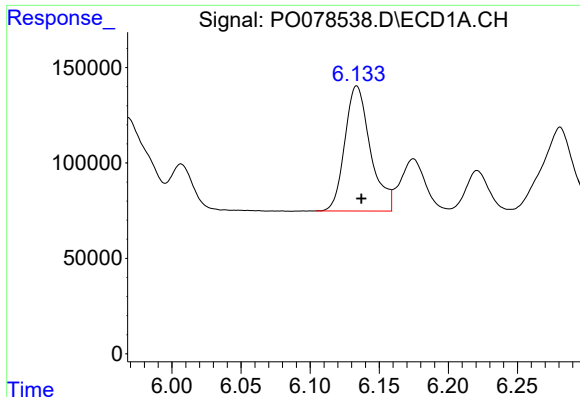
#6 AR-1016-4

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 838966
Conc: 478.18 ng/ml



#6 AR-1016-4

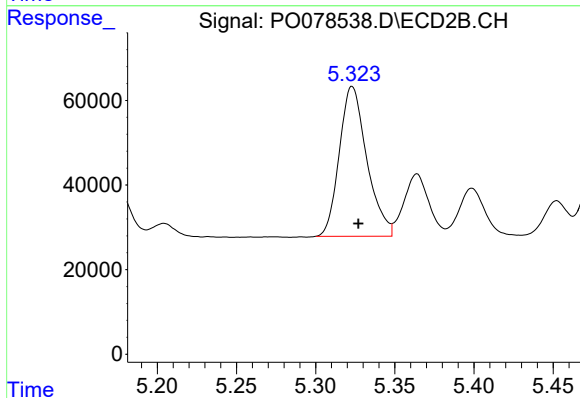
R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 352643
Conc: 499.35 ng/ml



#7 AR-1016-5

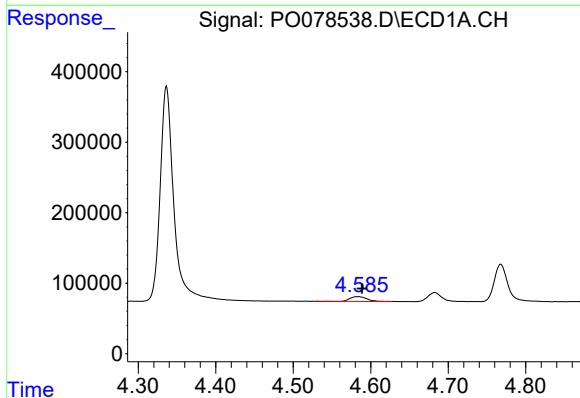
R.T.: 6.134 min
Delta R.T.: -0.003 min
Response: 843840
Conc: 486.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



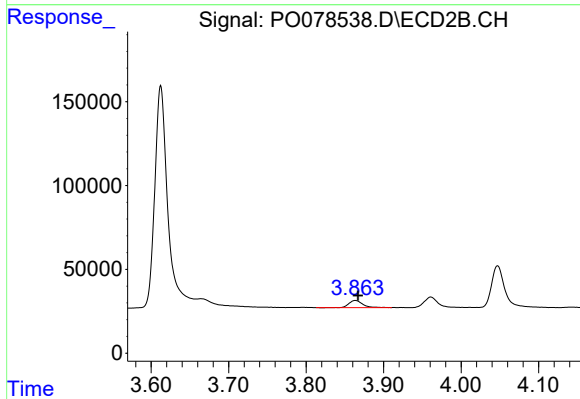
#7 AR-1016-5

R.T.: 5.323 min
Delta R.T.: -0.004 min
Response: 428195
Conc: 490.93 ng/ml



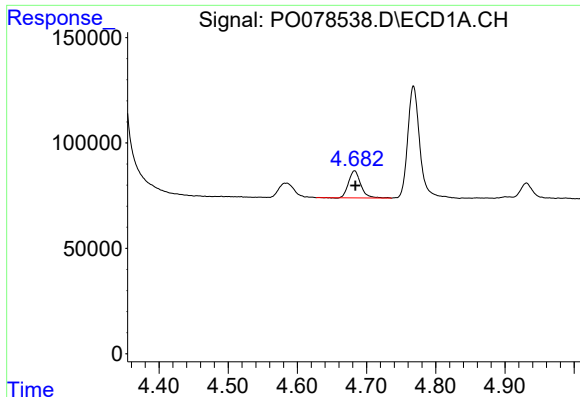
#8 AR-1221-1

R.T.: 4.585 min
Delta R.T.: -0.004 min
Response: 103870
Conc: 124.18 ng/ml



#8 AR-1221-1

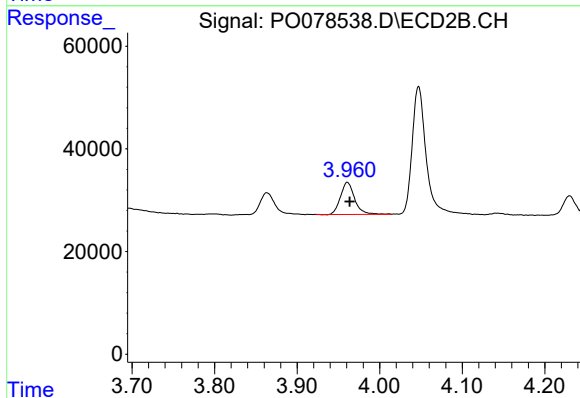
R.T.: 3.863 min
Delta R.T.: -0.004 min
Response: 53615
Conc: 140.80 ng/ml



#9 AR-1221-2

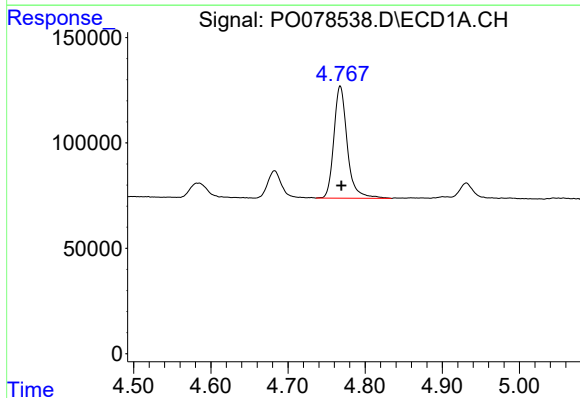
R.T.: 4.683 min
Delta R.T.: -0.001 min
Response: 156898
Conc: 259.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



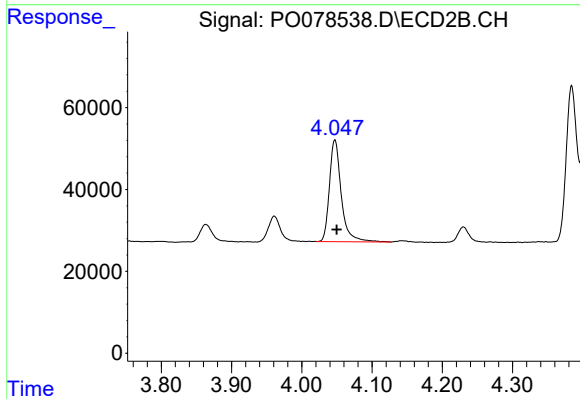
#9 AR-1221-2

R.T.: 3.961 min
Delta R.T.: -0.003 min
Response: 74630
Conc: 265.37 ng/ml



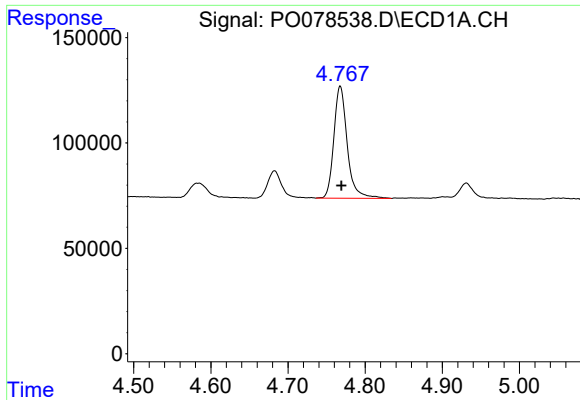
#10 AR-1221-3

R.T.: 4.768 min
Delta R.T.: -0.001 min
Response: 642899
Conc: 324.39 ng/ml



#10 AR-1221-3

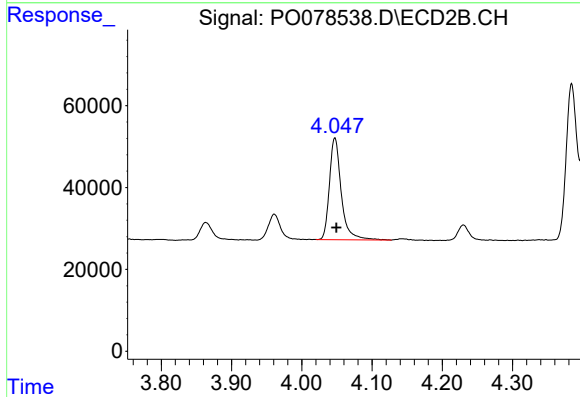
R.T.: 4.047 min
Delta R.T.: -0.002 min
Response: 291545
Conc: 323.66 ng/ml



#11 AR-1232-1

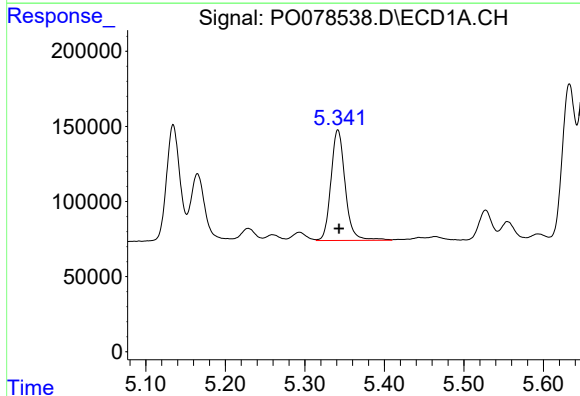
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 642899
Conc: 419.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



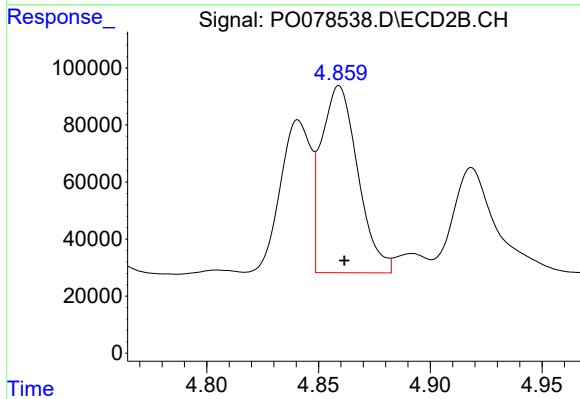
#11 AR-1232-1

R.T.: 4.047 min
Delta R.T.: -0.002 min
Response: 291545
Conc: 401.01 ng/ml



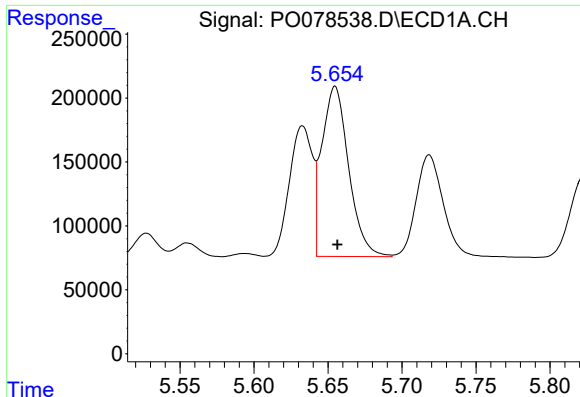
#12 AR-1232-2

R.T.: 5.342 min
Delta R.T.: -0.002 min
Response: 918524
Conc: 1181.57 ng/ml



#12 AR-1232-2

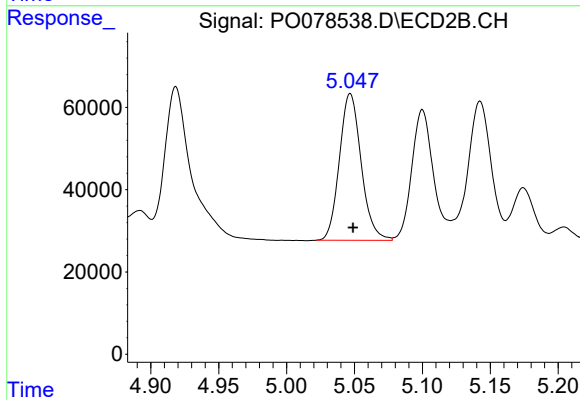
R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 744506
Conc: 1080.57 ng/ml



#13 AR-1232-3

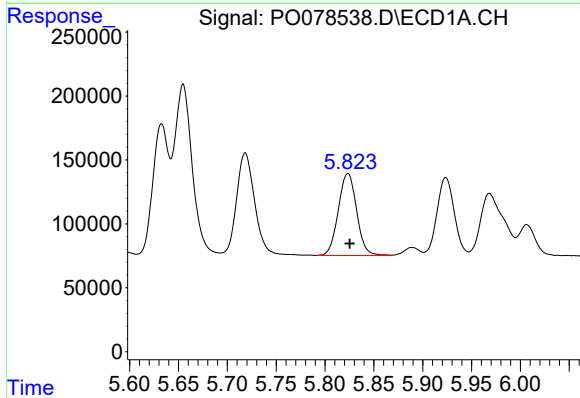
R.T.: 5.655 min
Delta R.T.: -0.002 min
Response: 1679646
Conc: 1151.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



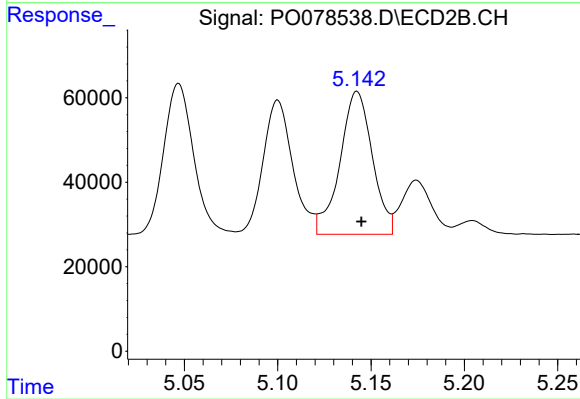
#13 AR-1232-3

R.T.: 5.047 min
Delta R.T.: -0.002 min
Response: 397943
Conc: 1162.03 ng/ml



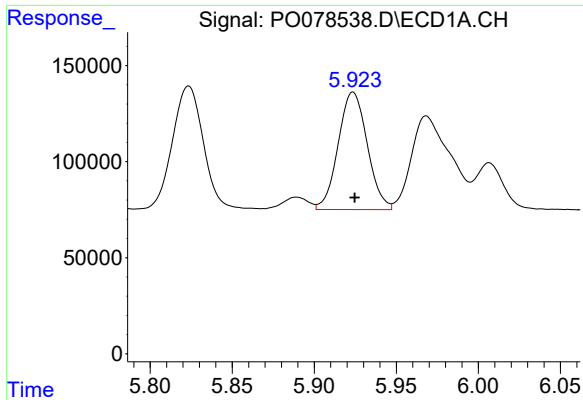
#14 AR-1232-4

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 838966
Conc: 1195.75 ng/ml



#14 AR-1232-4

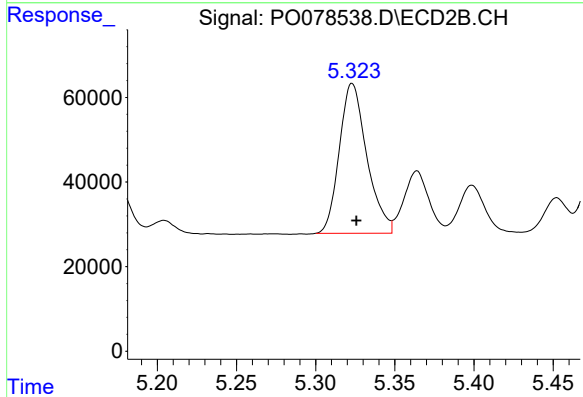
R.T.: 5.143 min
Delta R.T.: -0.002 min
Response: 409025
Conc: 1330.12 ng/ml



#15 AR-1232-5

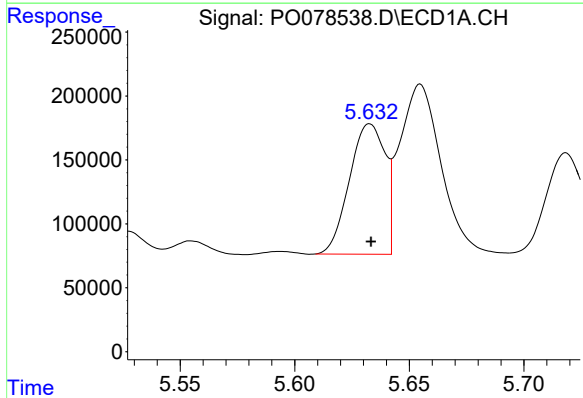
R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 754906
Conc: 1498.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



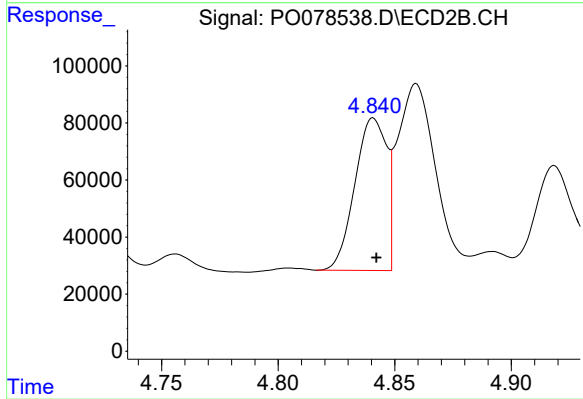
#15 AR-1232-5

R.T.: 5.323 min
Delta R.T.: -0.003 min
Response: 428195
Conc: 1228.35 ng/ml



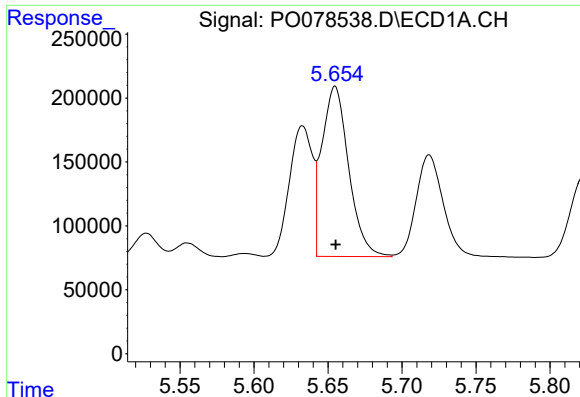
#16 AR-1242-1

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 1103474
Conc: 610.90 ng/ml



#16 AR-1242-1

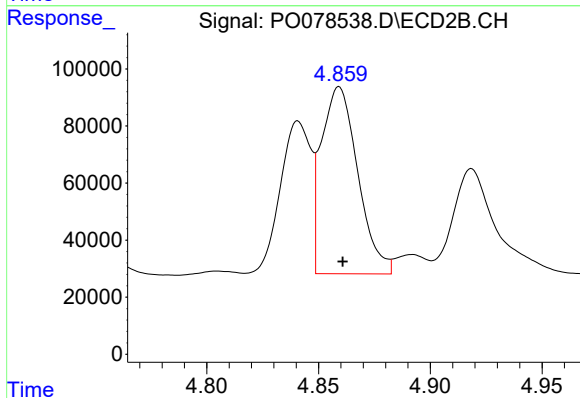
R.T.: 4.841 min
Delta R.T.: -0.001 min
Response: 505824
Conc: 601.40 ng/ml



#17 AR-1242-2

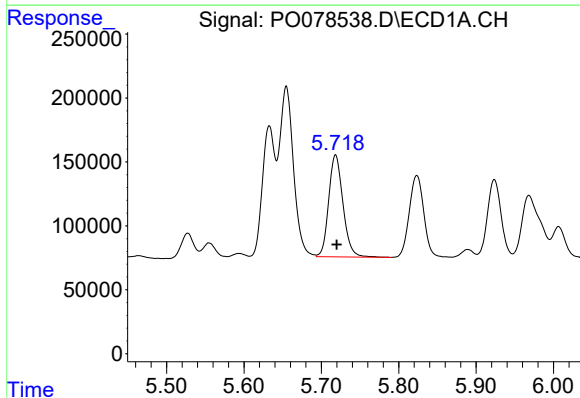
R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 1679646
Conc: 626.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



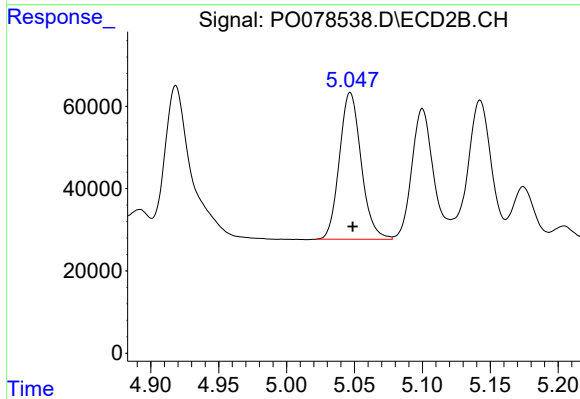
#17 AR-1242-2

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 744506
Conc: 605.17 ng/ml



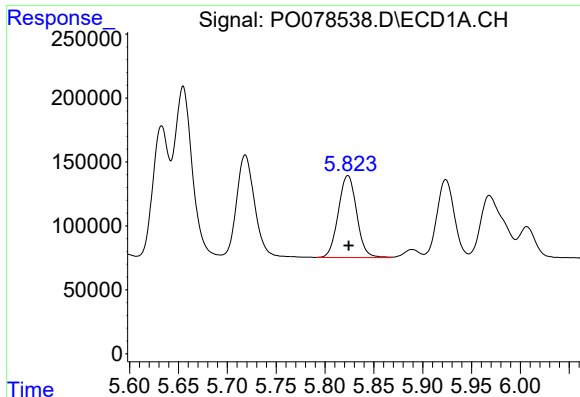
#18 AR-1242-3

R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 1021136
Conc: 620.31 ng/ml



#18 AR-1242-3

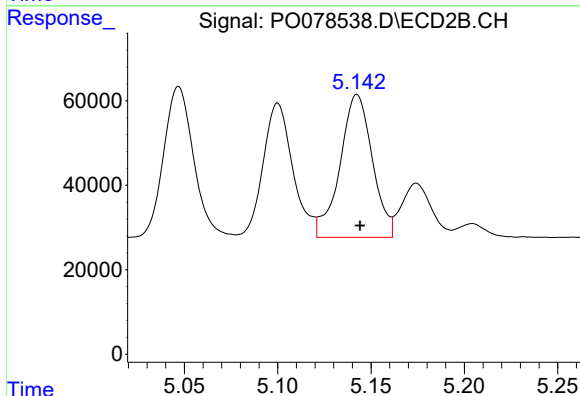
R.T.: 5.047 min
Delta R.T.: -0.002 min
Response: 397943
Conc: 627.51 ng/ml



#19 AR-1242-4

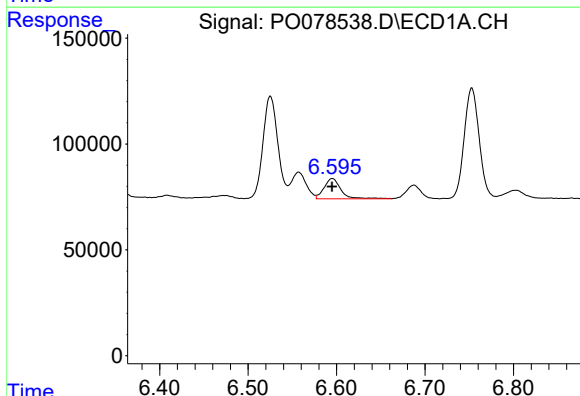
R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 838966
Conc: 622.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



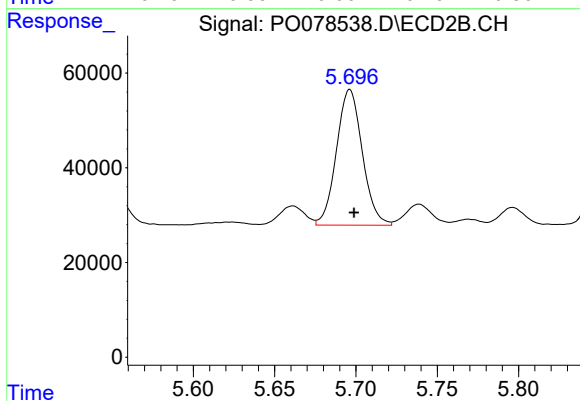
#19 AR-1242-4

R.T.: 5.143 min
Delta R.T.: -0.002 min
Response: 409025
Conc: 625.14 ng/ml



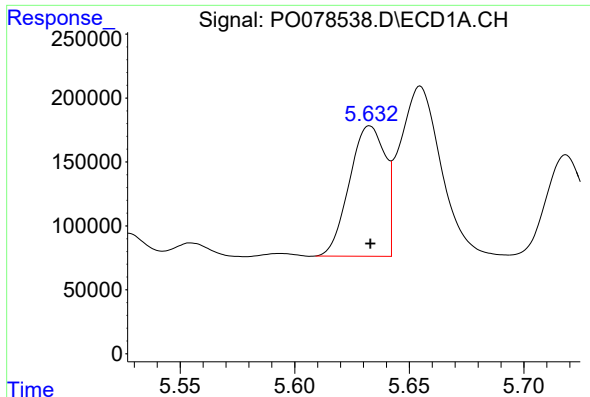
#20 AR-1242-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 126042
Conc: 94.18 ng/ml



#20 AR-1242-5

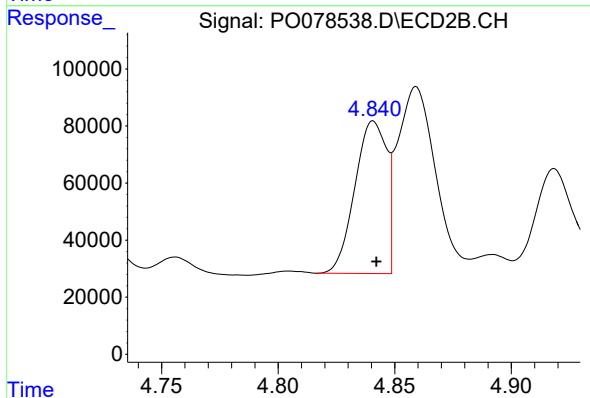
R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 317723
Conc: 386.42 ng/ml



#21 AR-1248-1

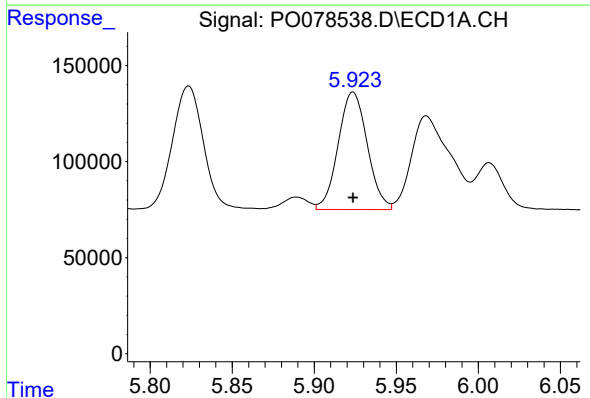
R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 1103474
Conc: 811.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



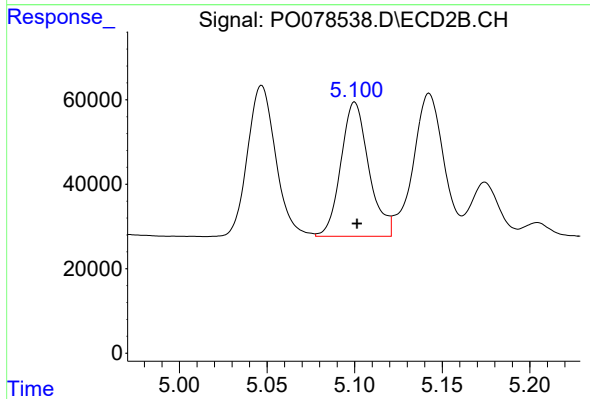
#21 AR-1248-1

R.T.: 4.841 min
Delta R.T.: -0.001 min
Response: 505824
Conc: 782.67 ng/ml



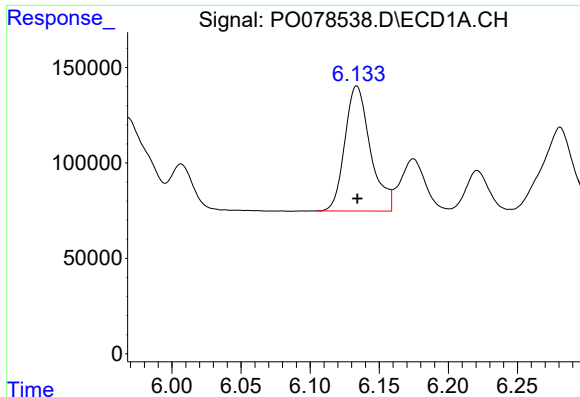
#22 AR-1248-2

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 754906
Conc: 388.78 ng/ml



#22 AR-1248-2

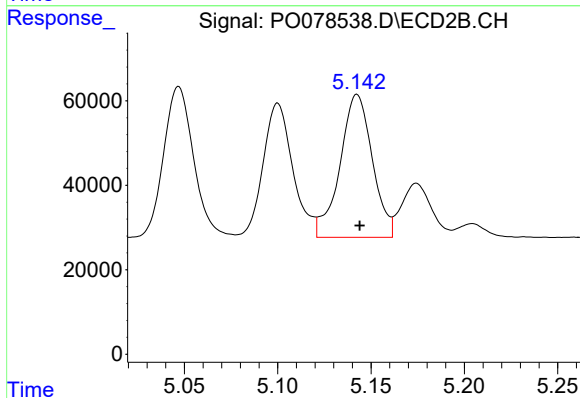
R.T.: 5.100 min
Delta R.T.: -0.001 min
Response: 352643
Conc: 361.66 ng/ml



#23 AR-1248-3

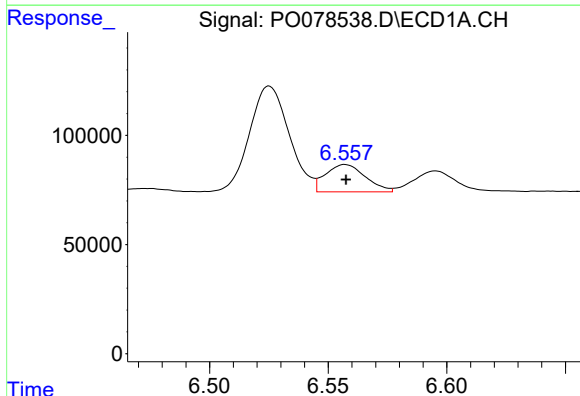
R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 843840
Conc: 373.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



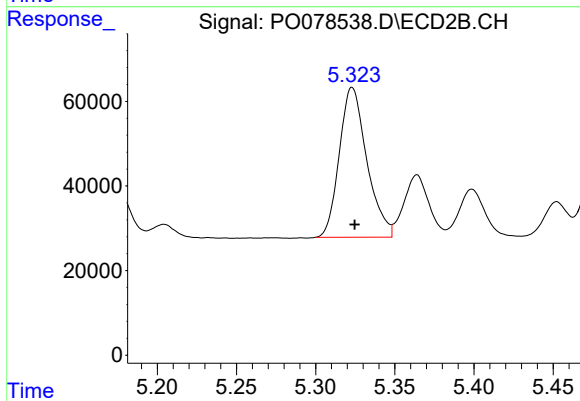
#23 AR-1248-3

R.T.: 5.143 min
Delta R.T.: -0.001 min
Response: 409025
Conc: 421.58 ng/ml



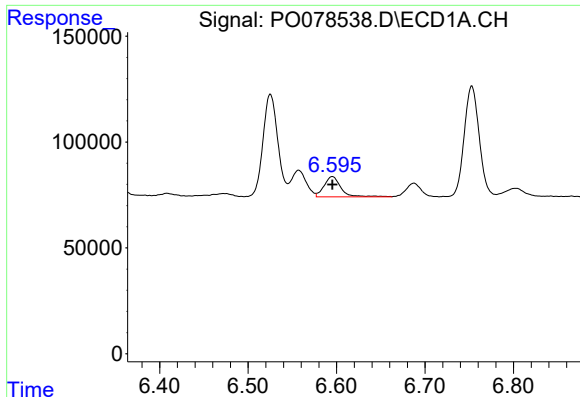
#24 AR-1248-4

R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 146114
Conc: 61.67 ng/ml



#24 AR-1248-4

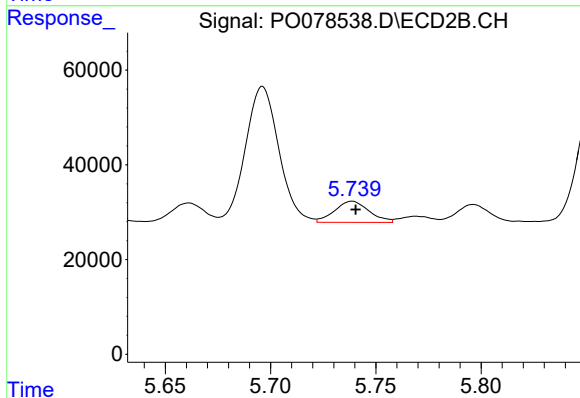
R.T.: 5.323 min
Delta R.T.: -0.002 min
Response: 428195
Conc: 369.66 ng/ml



#25 AR-1248-5

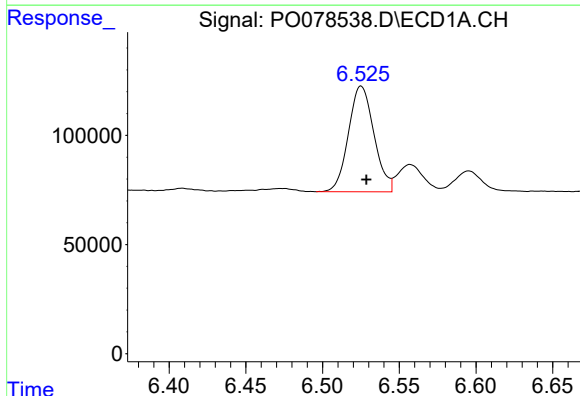
R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 126042
Conc: 54.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



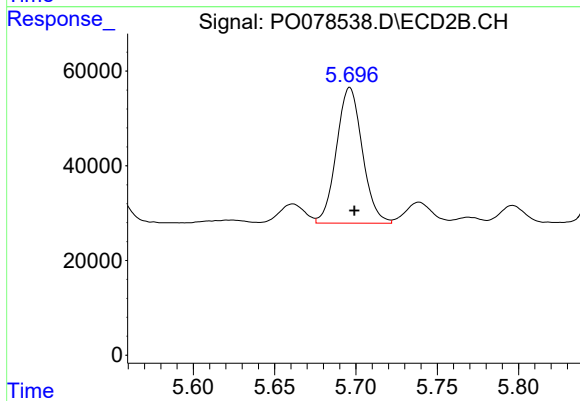
#25 AR-1248-5

R.T.: 5.739 min
Delta R.T.: -0.002 min
Response: 51332
Conc: 46.82 ng/ml



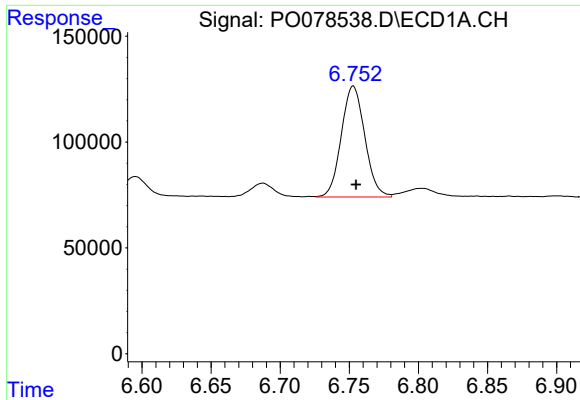
#26 AR-1254-1

R.T.: 6.525 min
Delta R.T.: -0.003 min
Response: 562554
Conc: 222.30 ng/ml



#26 AR-1254-1

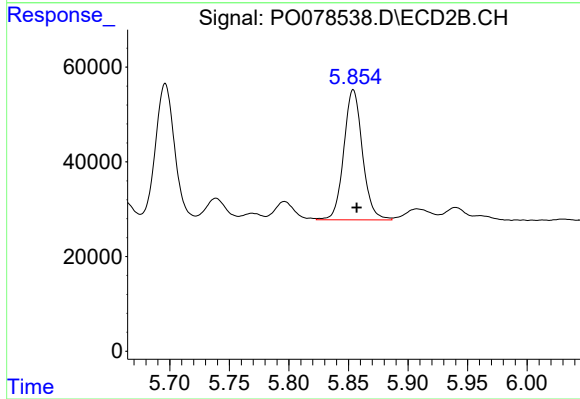
R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 317723
Conc: 184.09 ng/ml



#27 AR-1254-2

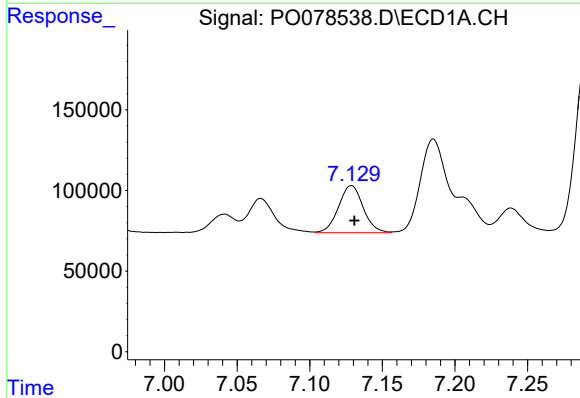
R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 619697
Conc: 156.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



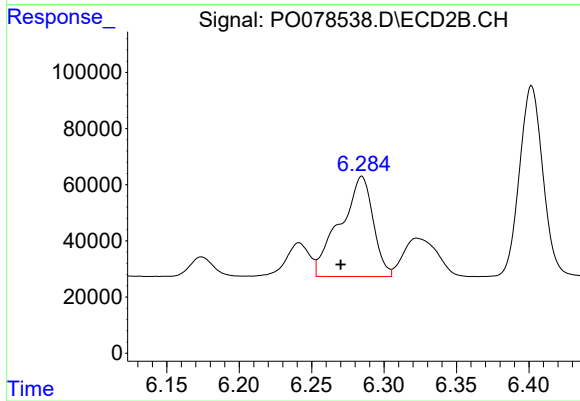
#27 AR-1254-2

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 300103
Conc: 187.16 ng/ml



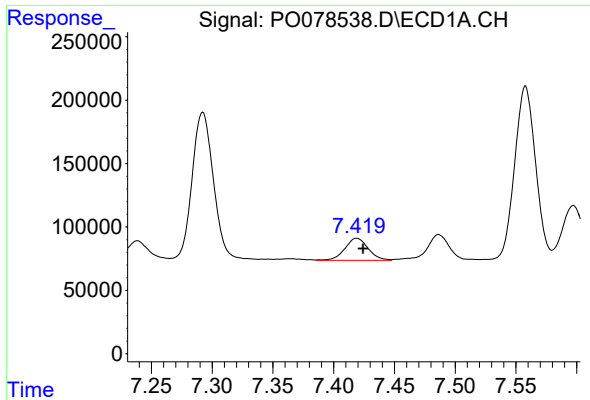
#28 AR-1254-3

R.T.: 7.129 min
Delta R.T.: -0.002 min
Response: 345472
Conc: 83.17 ng/ml



#28 AR-1254-3

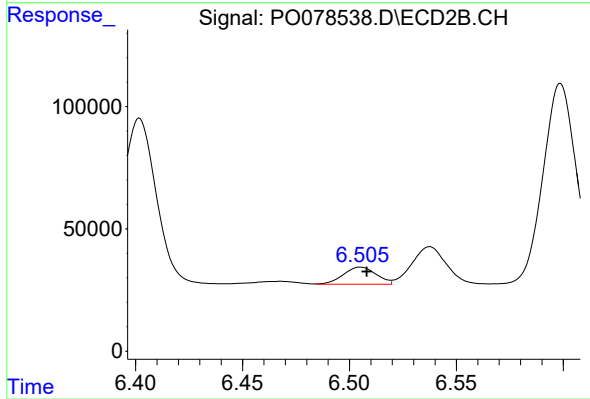
R.T.: 6.285 min
Delta R.T.: 0.015 min
Response: 567738
Conc: 237.29 ng/ml



#29 AR-1254-4

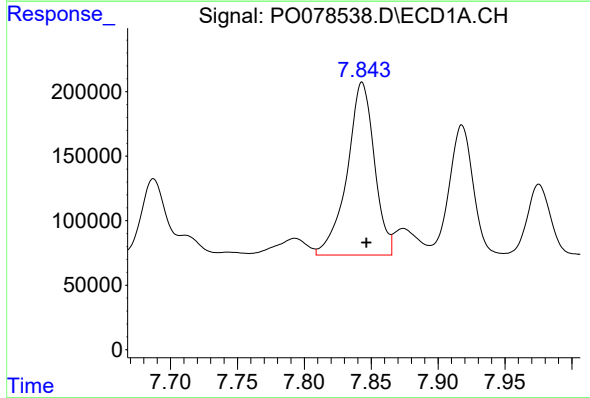
R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 234739
Conc: 79.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



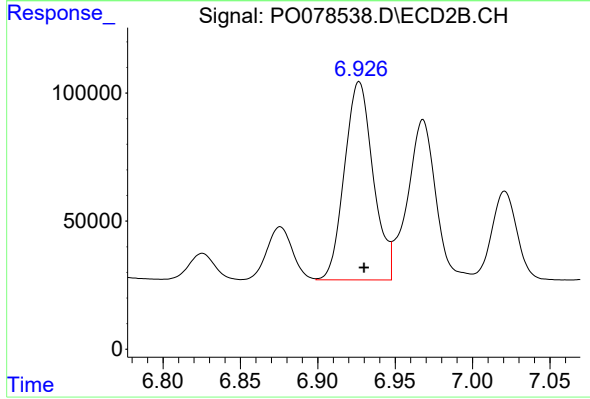
#29 AR-1254-4

R.T.: 6.505 min
Delta R.T.: -0.003 min
Response: 75314
Conc: 51.46 ng/ml



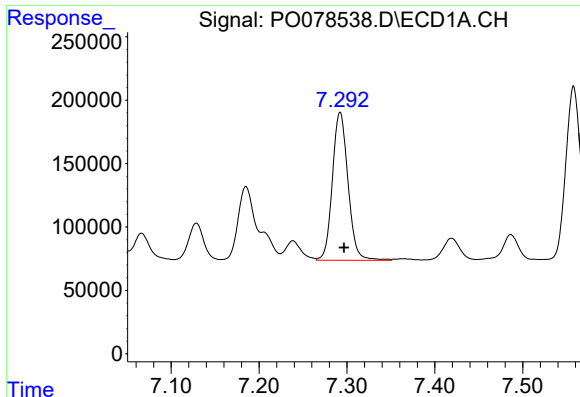
#30 AR-1254-5

R.T.: 7.843 min
Delta R.T.: -0.003 min
Response: 1899032
Conc: 592.25 ng/ml



#30 AR-1254-5

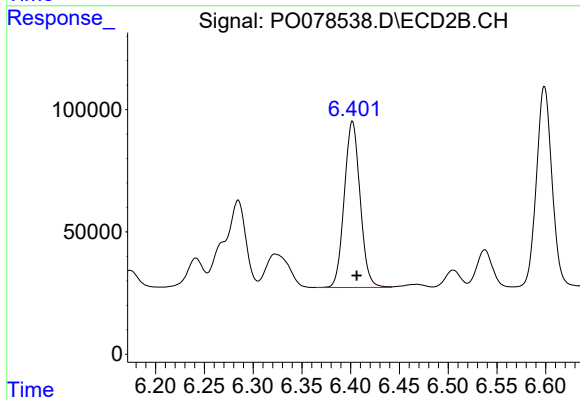
R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 999338
Conc: 438.33 ng/ml



#31 AR-1260-1

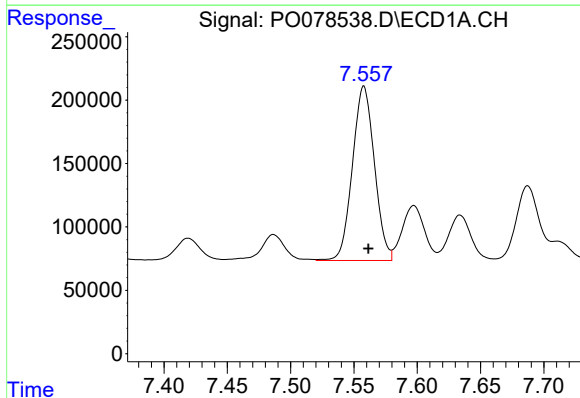
R.T.: 7.292 min
Delta R.T.: -0.004 min
Response: 1444772
Conc: 492.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



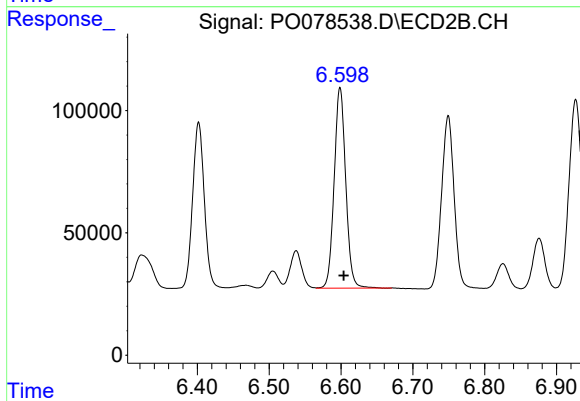
#31 AR-1260-1

R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 766611
Conc: 483.16 ng/ml



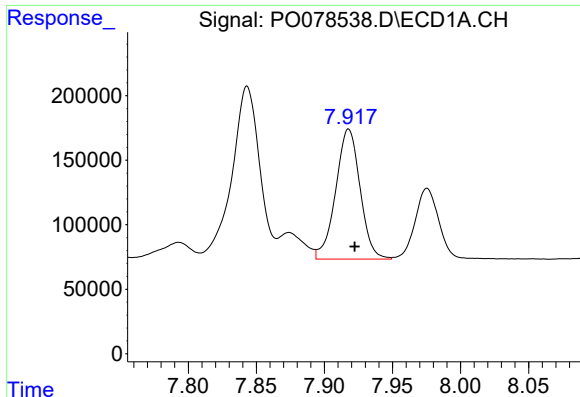
#32 AR-1260-2

R.T.: 7.558 min
Delta R.T.: -0.004 min
Response: 1659173
Conc: 504.37 ng/ml



#32 AR-1260-2

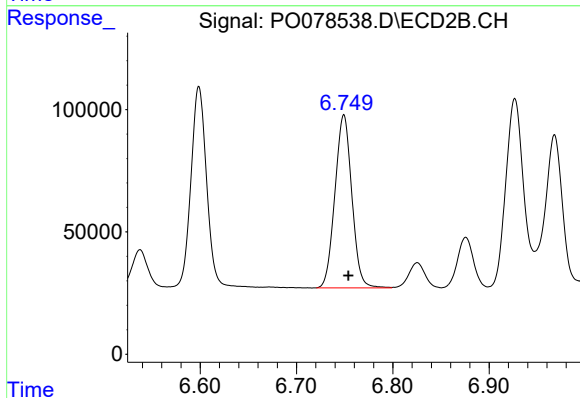
R.T.: 6.599 min
Delta R.T.: -0.005 min
Response: 915439
Conc: 491.51 ng/ml



#33 AR-1260-3

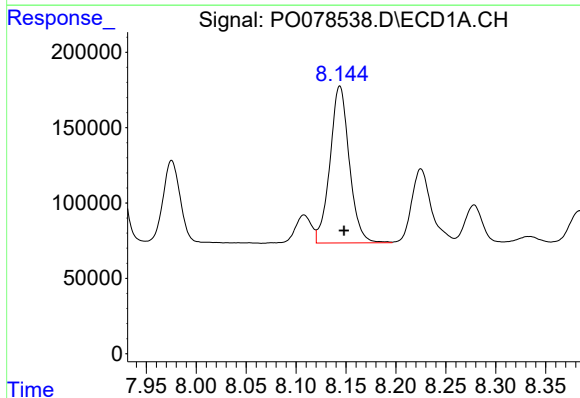
R.T.: 7.918 min
Delta R.T.: -0.005 min
Response: 1258995
Conc: 531.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



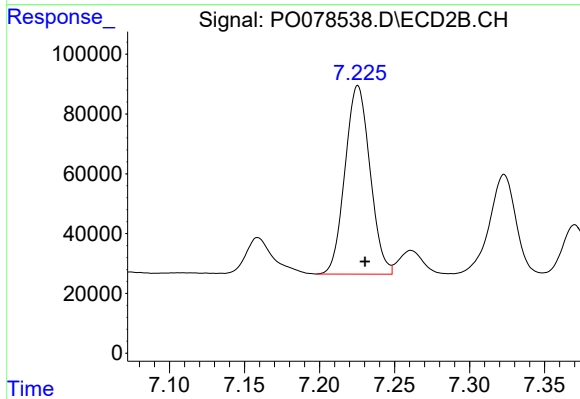
#33 AR-1260-3

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 861767
Conc: 485.68 ng/ml



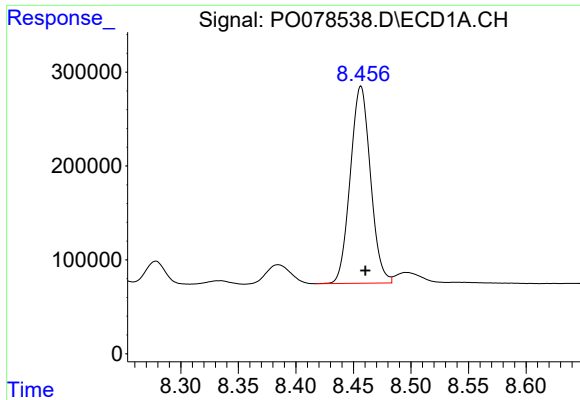
#34 AR-1260-4

R.T.: 8.144 min
Delta R.T.: -0.004 min
Response: 1402208
Conc: 545.19 ng/ml



#34 AR-1260-4

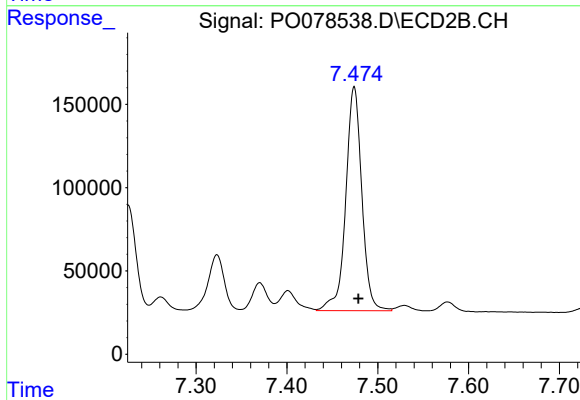
R.T.: 7.226 min
Delta R.T.: -0.005 min
Response: 731459
Conc: 499.16 ng/ml



#35 AR-1260-5

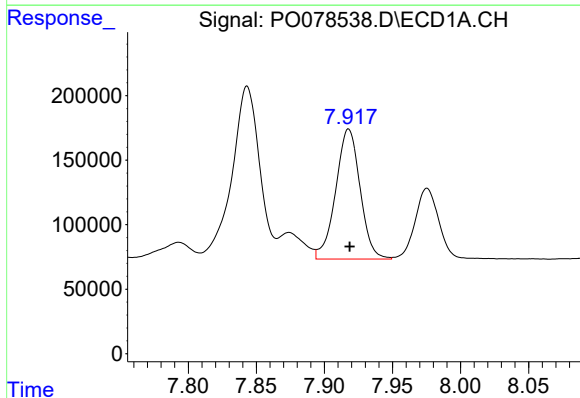
R.T.: 8.457 min
Delta R.T.: -0.004 min
Response: 2576554
Conc: 506.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



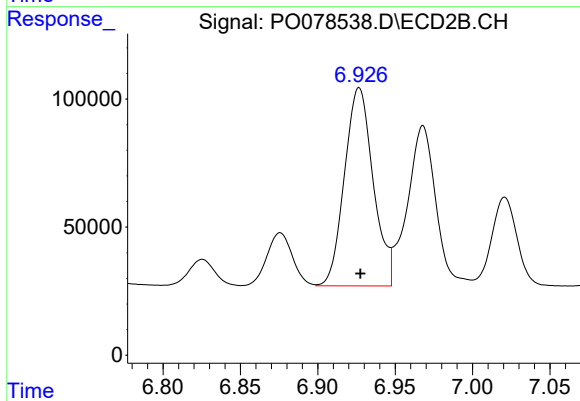
#35 AR-1260-5

R.T.: 7.474 min
Delta R.T.: -0.005 min
Response: 1655920
Conc: 474.58 ng/ml



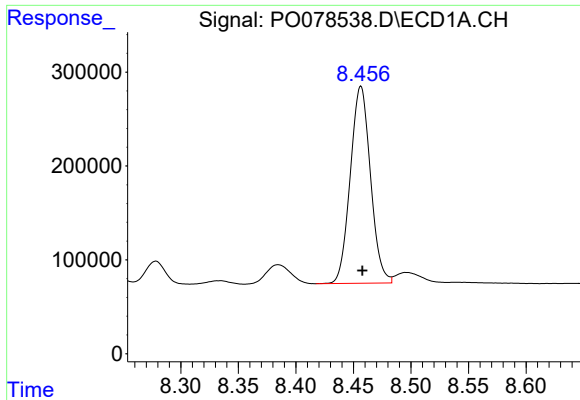
#36 AR-1262-1

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 1258995
Conc: 321.85 ng/ml



#36 AR-1262-1

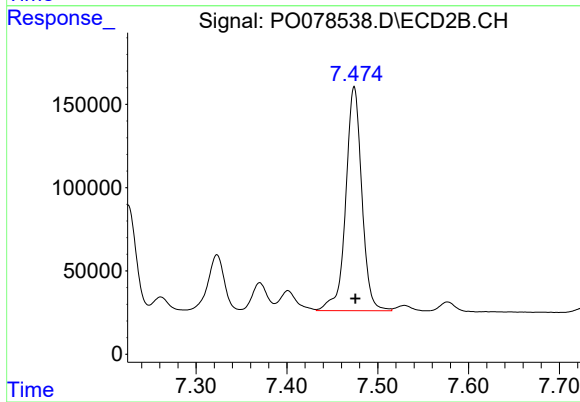
R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 999338
Conc: 836.53 ng/ml



#37 AR-1262-2

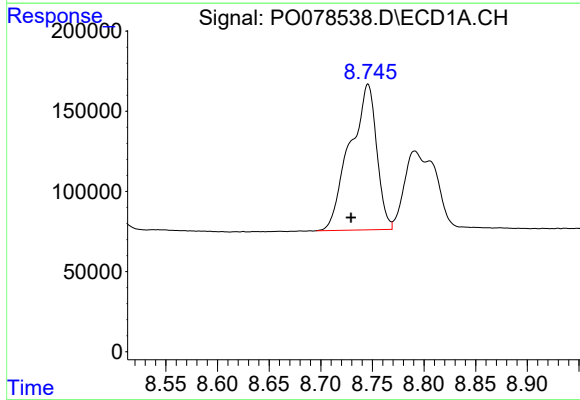
R.T.: 8.457 min
Delta R.T.: -0.001 min
Response: 2576554
Conc: 402.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



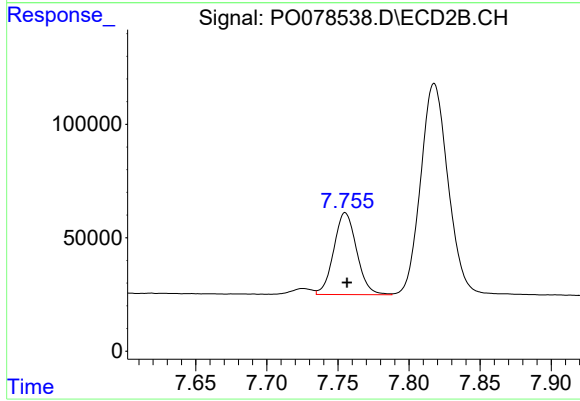
#37 AR-1262-2

R.T.: 7.474 min
Delta R.T.: -0.001 min
Response: 1655920
Conc: 422.23 ng/ml



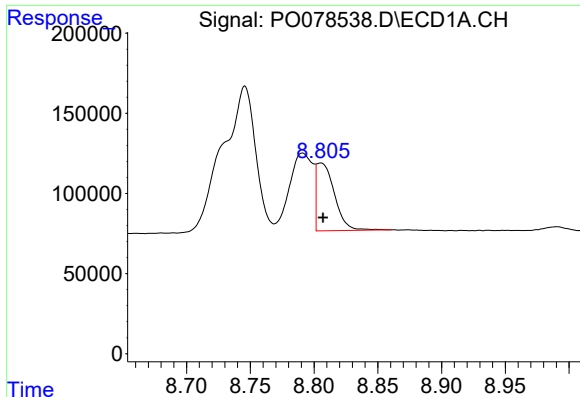
#38 AR-1262-3

R.T.: 8.746 min
Delta R.T.: 0.017 min
Response: 1642302
Conc: 393.22 ng/ml



#38 AR-1262-3

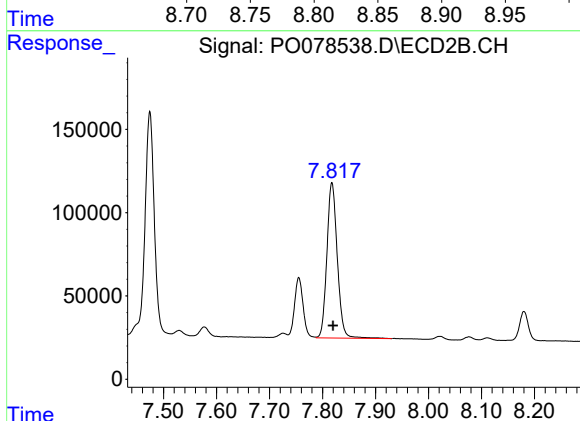
R.T.: 7.755 min
Delta R.T.: -0.001 min
Response: 404764
Conc: 245.89 ng/ml



#39 AR-1262-4

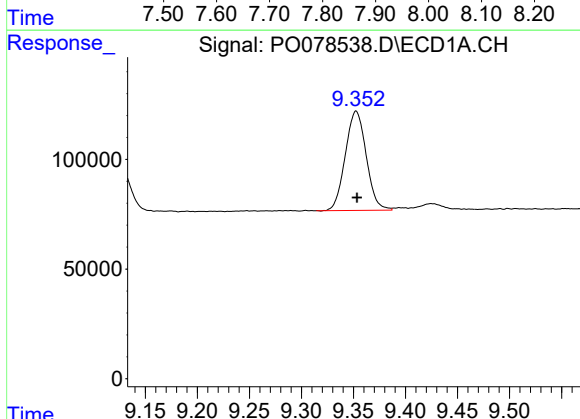
R.T.: 8.805 min
Delta R.T.: -0.002 min
Response: 417618
Conc: 134.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



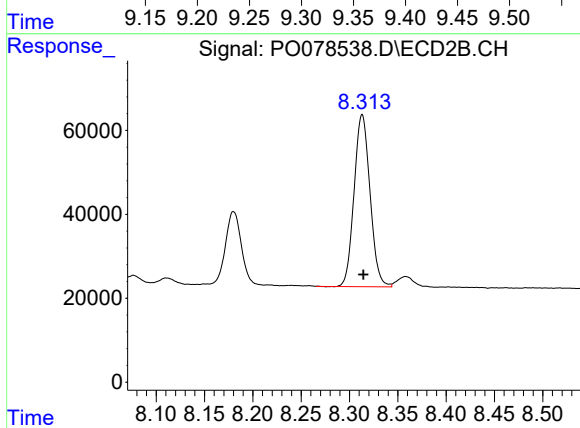
#39 AR-1262-4

R.T.: 7.818 min
Delta R.T.: -0.002 min
Response: 1272868
Conc: 423.15 ng/ml



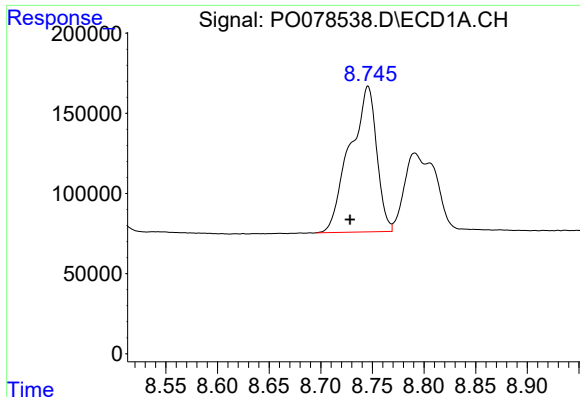
#40 AR-1262-5

R.T.: 9.353 min
Delta R.T.: -0.001 min
Response: 634579
Conc: 334.90 ng/ml



#40 AR-1262-5

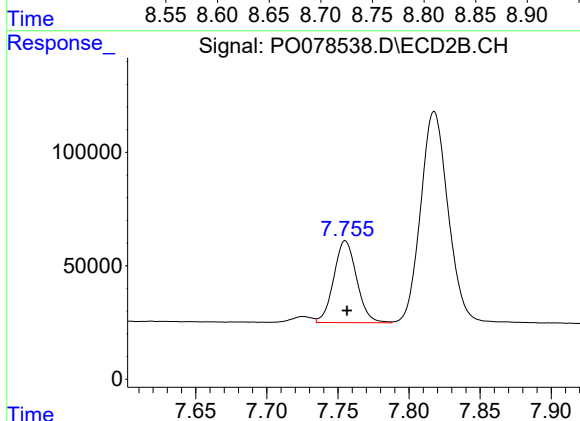
R.T.: 8.313 min
Delta R.T.: -0.001 min
Response: 471147
Conc: 347.16 ng/ml



#41 AR-1268-1

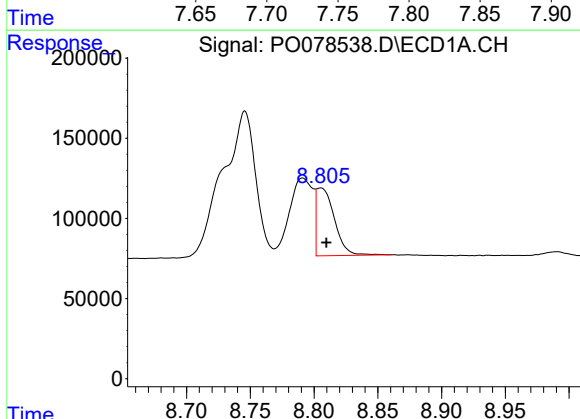
R.T.: 8.746 min
Delta R.T.: 0.017 min
Response: 1642302
Conc: 228.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



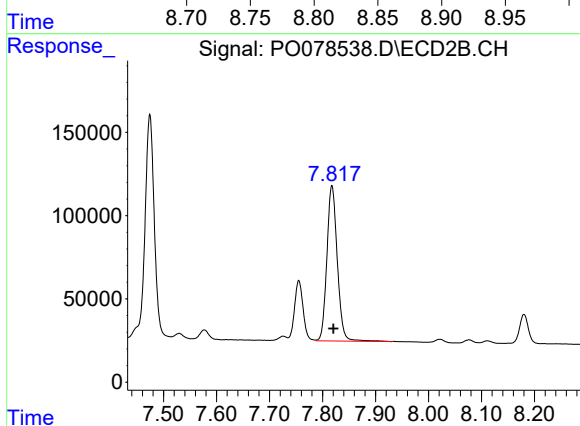
#41 AR-1268-1

R.T.: 7.755 min
Delta R.T.: -0.001 min
Response: 404764
Conc: 89.12 ng/ml



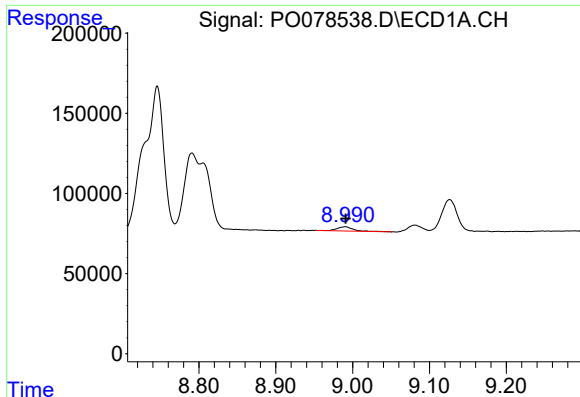
#42 AR-1268-2

R.T.: 8.805 min
Delta R.T.: -0.005 min
Response: 417618
Conc: 65.55 ng/ml



#42 AR-1268-2

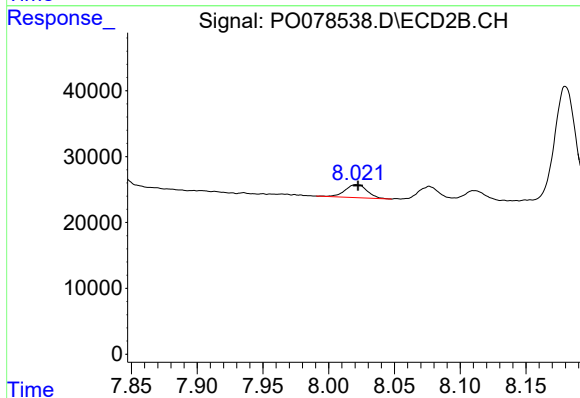
R.T.: 7.818 min
Delta R.T.: -0.003 min
Response: 1272868
Conc: 310.84 ng/ml



#43 AR-1268-3

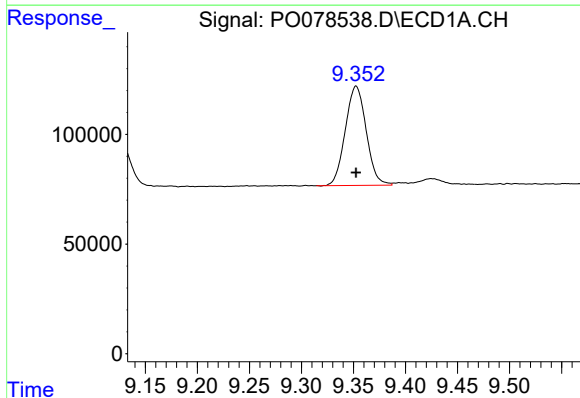
R.T.: 8.990 min
Delta R.T.: 0.000 min
Response: 38290
Conc: 7.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



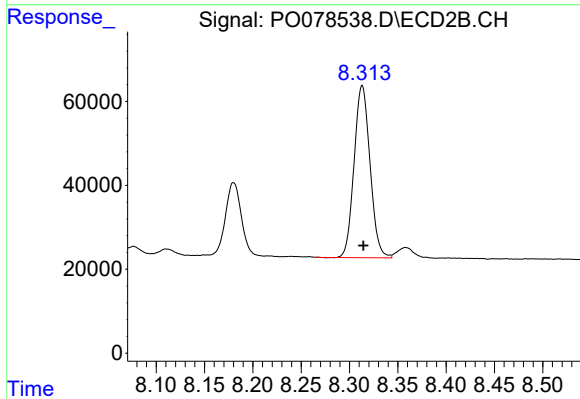
#43 AR-1268-3

R.T.: 8.021 min
Delta R.T.: -0.001 min
Response: 23216
Conc: 6.65 ng/ml



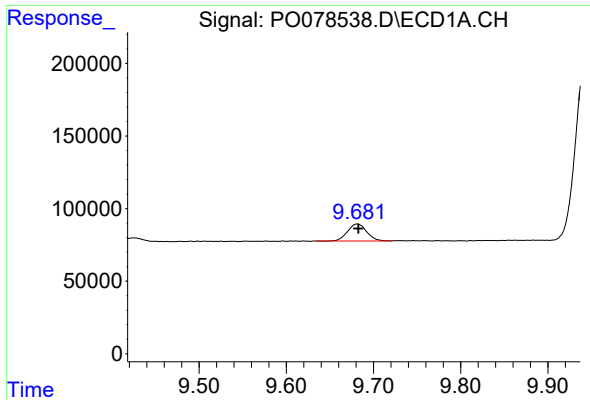
#44 AR-1268-4

R.T.: 9.353 min
Delta R.T.: 0.000 min
Response: 634579
Conc: 320.55 ng/ml



#44 AR-1268-4

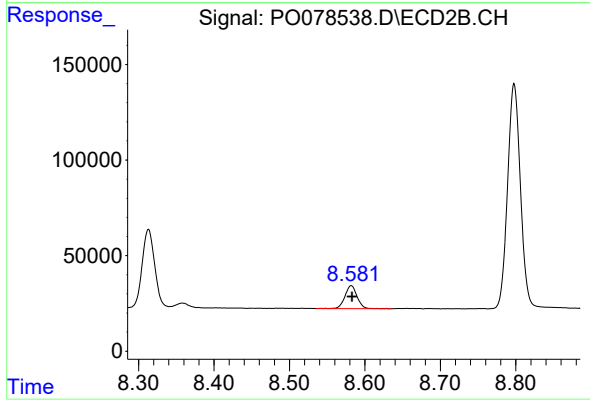
R.T.: 8.313 min
Delta R.T.: -0.001 min
Response: 471147
Conc: 320.98 ng/ml



#45 AR-1268-5

R.T.: 9.681 min
Delta R.T.: -0.001 min
Response: 178816
Conc: 11.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 135884
Conc: 13.12 ng/ml