

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100319\
 Data File : PO061650.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Oct 2019 18:16
 Operator : HP/AJ
 Sample : PB123605BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:31:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 01 15:34:04 2019
 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...	4.380	3.538	1042164	759659	25.410	23.490
2)	SA Decachlor...	10.048	8.406	1119124	781219	24.030	24.130
Target Compounds							
3)	L1 AR-1016-1	5.543	4.591	567703	392329	309.586	291.768
4)	L1 AR-1016-2	5.566	4.608	801536	544731	310.094	293.915
5)	L1 AR-1016-3	5.627	4.779	506588	296333	315.348	295.824
6)	L1 AR-1016-4	5.726	4.821	419396	253256	313.698	292.253
7)	L1 AR-1016-5	6.018	5.027	454483	337547	331.394	295.721
8)	L2 AR-1221-1	4.586	3.746	49868	32476	107.873	82.014
9)	L2 AR-1221-2	4.676	3.829	59097	48571	164.607	157.497
10)	L2 AR-1221-3	4.751	3.903	238200	174418	209.219	191.218
11)	L3 AR-1232-1	4.751	3.903	238200	174418	170.337	155.342
12)	L3 AR-1232-2	5.277	4.591	356172	392329	453.977	321.401 #
13)	L3 AR-1232-3	5.543	4.779	567703	296333	332.246	448.817 #
14)	L3 AR-1232-4	5.726	4.861	419396	317331	474.009	503.418
15)	L3 AR-1232-5	5.815	5.027	377931	337547	545.094	491.943
16)	L4 AR-1242-1	5.543	4.591	567703	392329	399.745	382.946
17)	L4 AR-1242-2	5.566	4.608	801536	544731	398.807	386.273
18)	L4 AR-1242-3	5.627	4.779	506588	296333	401.457	379.484
19)	L4 AR-1242-4	5.726	4.861	419396	317331	399.133	386.706
20)	L4 AR-1242-5	6.459	5.369	75645	286893	56.557	267.813 #
21)	L5 AR-1248-1	5.543	4.591	567703	392329	483.226	438.447
22)	L5 AR-1248-2	5.815	4.821	377931	253256	224.003	214.939
23)	L5 AR-1248-3	6.018	4.861	454483	317331	243.190	255.649
24)	L5 AR-1248-4	6.420	5.027	92929	337547	39.329	224.537 #
25)	L5 AR-1248-5	6.459	5.408	75645	48119	33.362	31.365
26)	L6 AR-1254-1	6.394	5.369	362819	286893	159.034	130.805
27)	L6 AR-1254-2	6.611	5.513	414211	287733	114.642	146.766 #
28)	L6 AR-1254-3	6.977	5.888	222088	120249	56.839	37.769 #
29)	L6 AR-1254-4	7.261	6.131	148262	66534	48.954	32.794 #
30)	L6 AR-1254-5	7.678	6.541	1306948	937317	416.171	331.387
31)	L7 AR-1260-1	7.139	6.034	938435	703610	359.479	344.941
32)	L7 AR-1260-2	7.395	6.220	1117754	823894	350.614	343.041
33)	L7 AR-1260-3	7.753	6.369	701597	770488	292.105	341.966
34)	L7 AR-1260-4	7.978	6.833	809391	525513	302.910	284.644
35)	L7 AR-1260-5	8.293	7.072	1349727	1042733	272.775	267.805
36)	L8 AR-1262-1	7.753	6.631	701597	309269	183.114	253.367 #
37)	L8 AR-1262-2	8.293	7.072	1349727	1042733	217.414	226.778
38)	L8 AR-1262-3	8.613	7.350	815632	207141	196.239	109.957 #
39)	L8 AR-1262-4	8.666	7.412	470651	718650	149.088	213.837 #
40)	L8 AR-1262-5	9.324	7.901	289767	211523	142.488	139.530
41)	L9 AR-1268-1	8.613	7.350	815632	207141	121.294	42.894 #

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 Sample : PB123605BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

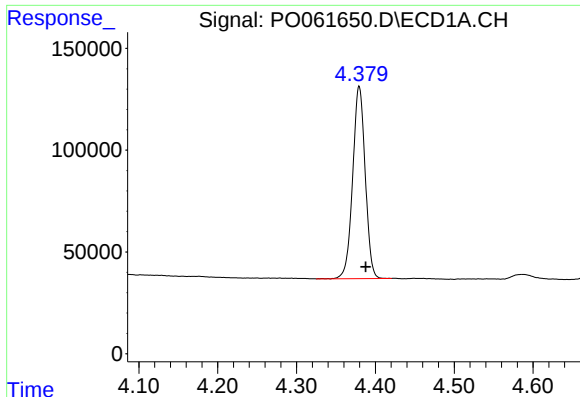
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:31:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
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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	8.666	7.412	470651	718650	76.004	166.747 #
43) L9	AR-1268-3	8.907	7.616	49782	24601	9.738	6.864 #
44) L9	AR-1268-4	9.324	7.901	289767	211523	132.520	131.431
45) L9	AR-1268-5	9.723	8.171	99236	73539	6.606	7.313

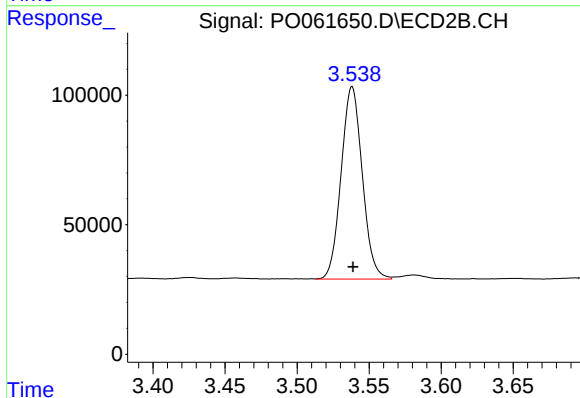
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

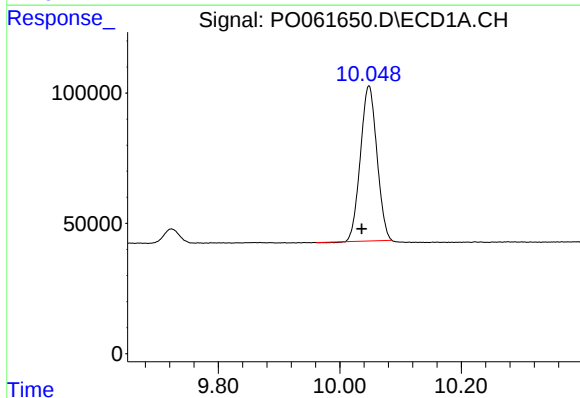
R.T.: 4.380 min
Delta R.T.: -0.008 min
Response: 1042164
Conc: 25.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



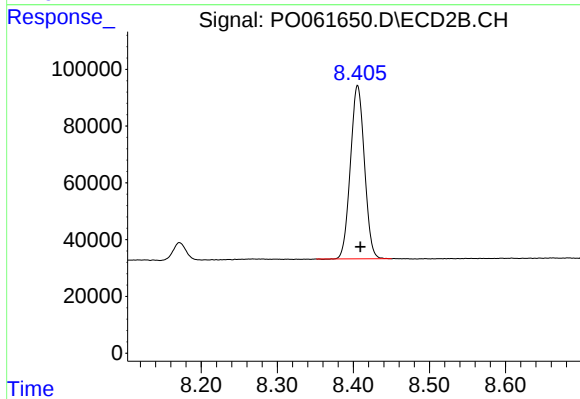
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 759659
Conc: 23.49 ng/ml



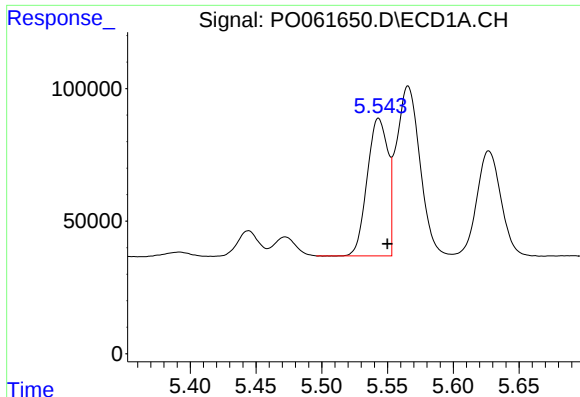
#2 Decachlorobiphenyl

R.T.: 10.048 min
Delta R.T.: 0.012 min
Response: 1119124
Conc: 24.03 ng/ml



#2 Decachlorobiphenyl

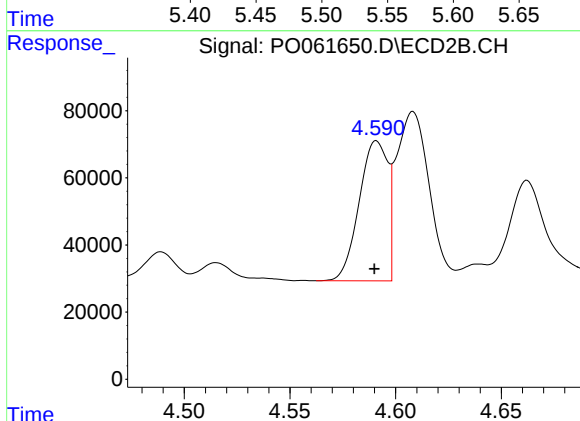
R.T.: 8.406 min
Delta R.T.: -0.003 min
Response: 781219
Conc: 24.13 ng/ml



#3 AR-1016-1

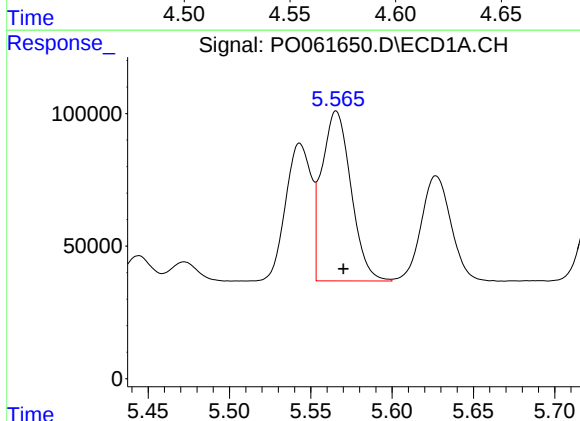
R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 567703
Conc: 309.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



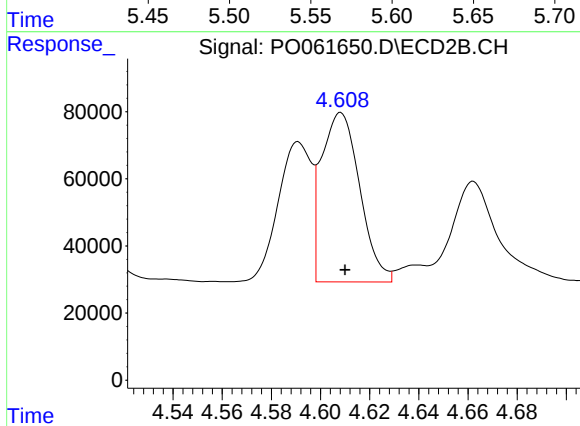
#3 AR-1016-1

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 392329
Conc: 291.77 ng/ml



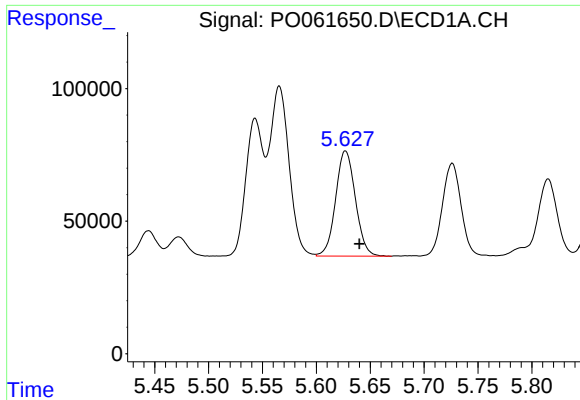
#4 AR-1016-2

R.T.: 5.566 min
Delta R.T.: -0.004 min
Response: 801536
Conc: 310.09 ng/ml



#4 AR-1016-2

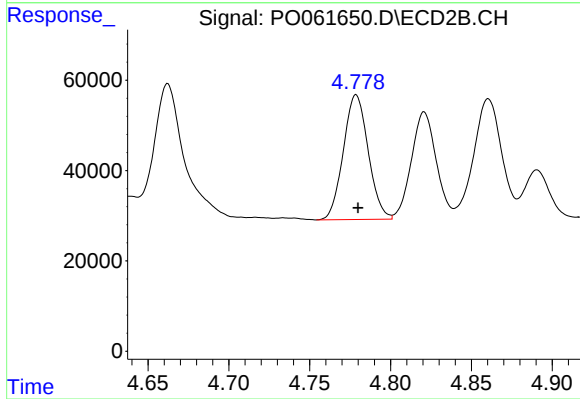
R.T.: 4.608 min
Delta R.T.: -0.002 min
Response: 544731
Conc: 293.92 ng/ml



#5 AR-1016-3

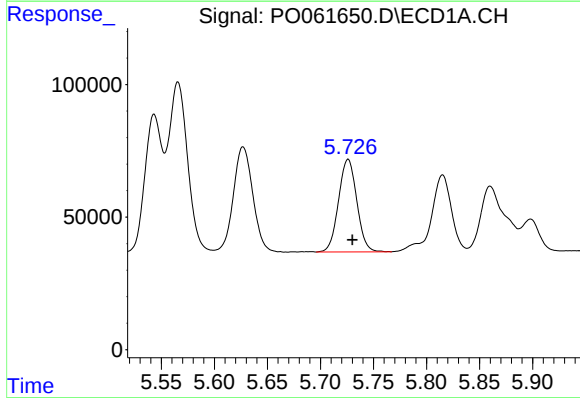
R.T.: 5.627 min
Delta R.T.: -0.013 min
Response: 506588
Conc: 315.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



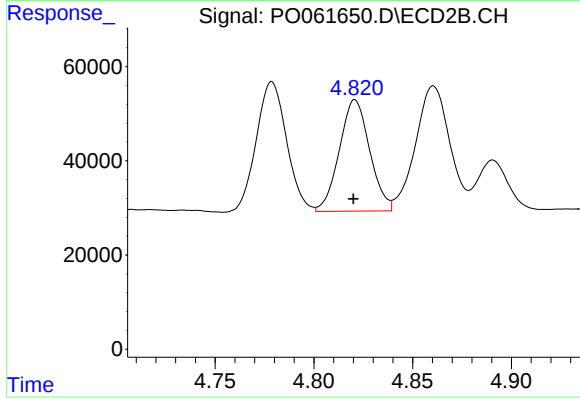
#5 AR-1016-3

R.T.: 4.779 min
Delta R.T.: -0.001 min
Response: 296333
Conc: 295.82 ng/ml



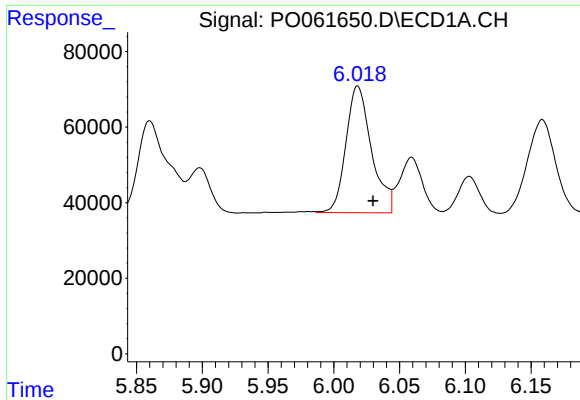
#6 AR-1016-4

R.T.: 5.726 min
Delta R.T.: -0.004 min
Response: 419396
Conc: 313.70 ng/ml



#6 AR-1016-4

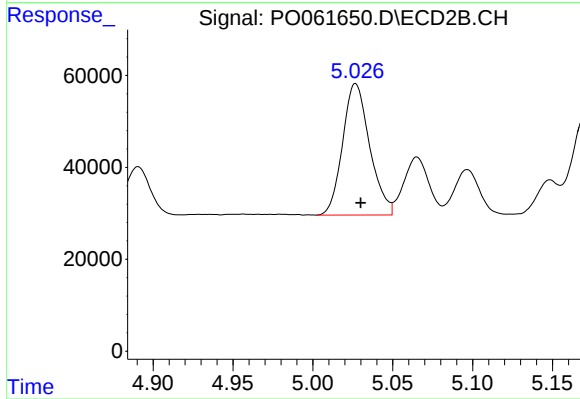
R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 253256
Conc: 292.25 ng/ml



#7 AR-1016-5

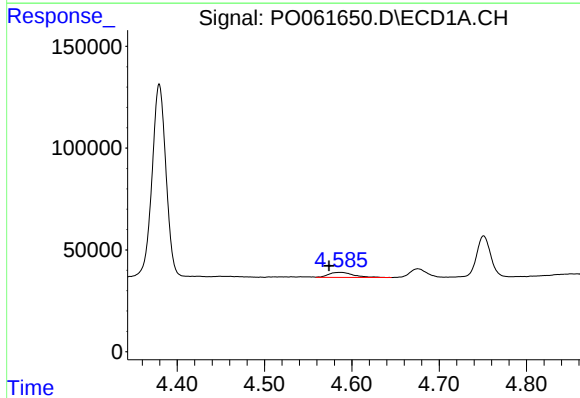
R.T.: 6.018 min
Delta R.T.: -0.012 min
Response: 454483
Conc: 331.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



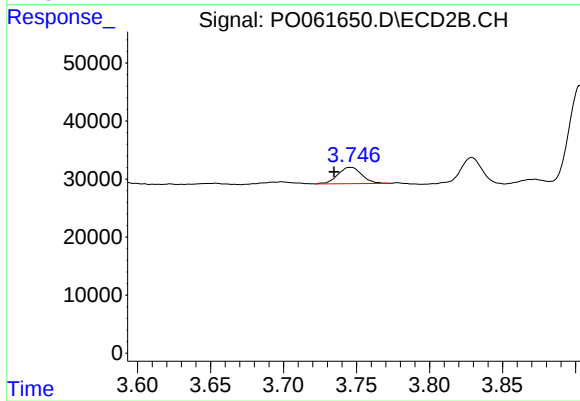
#7 AR-1016-5

R.T.: 5.027 min
Delta R.T.: -0.003 min
Response: 337547
Conc: 295.72 ng/ml



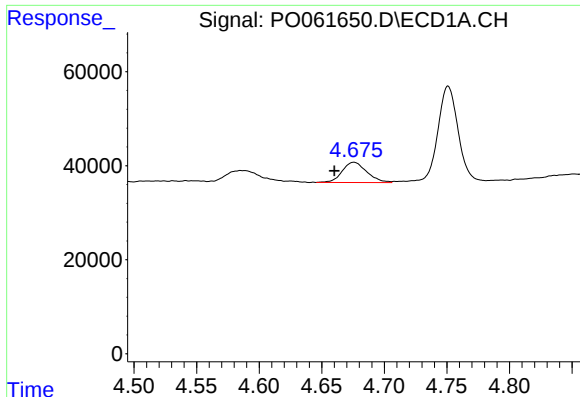
#8 AR-1221-1

R.T.: 4.586 min
Delta R.T.: 0.012 min
Response: 49868
Conc: 107.87 ng/ml



#8 AR-1221-1

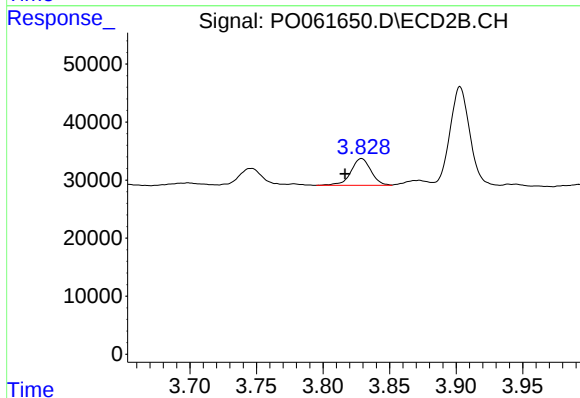
R.T.: 3.746 min
Delta R.T.: 0.012 min
Response: 32476
Conc: 82.01 ng/ml



#9 AR-1221-2

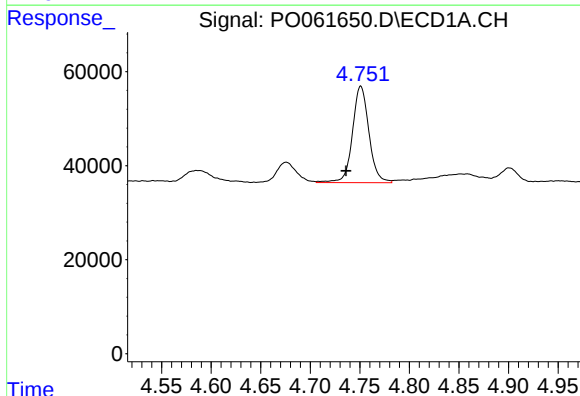
R.T.: 4.676 min
Delta R.T.: 0.016 min
Response: 59097
Conc: 164.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



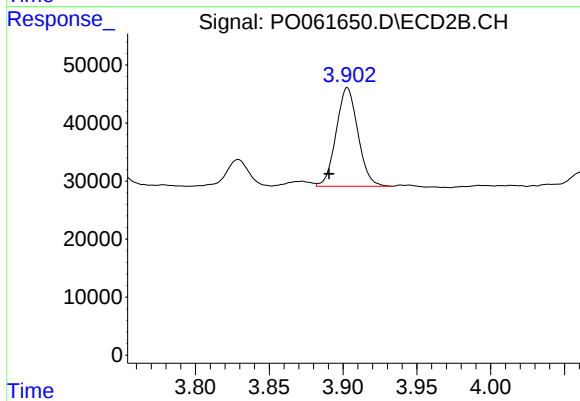
#9 AR-1221-2

R.T.: 3.829 min
Delta R.T.: 0.012 min
Response: 48571
Conc: 157.50 ng/ml



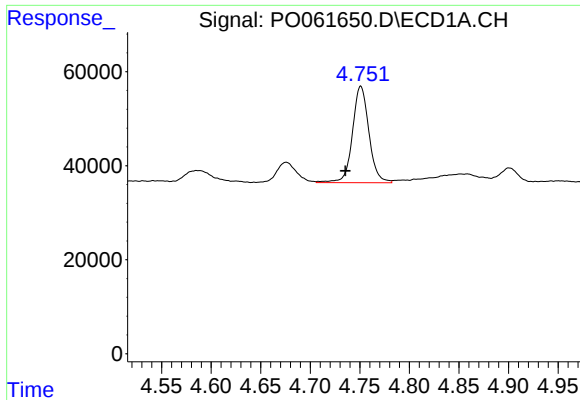
#10 AR-1221-3

R.T.: 4.751 min
Delta R.T.: 0.015 min
Response: 238200
Conc: 209.22 ng/ml



#10 AR-1221-3

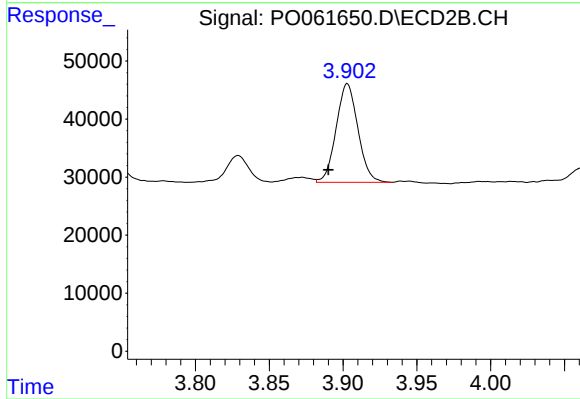
R.T.: 3.903 min
Delta R.T.: 0.012 min
Response: 174418
Conc: 191.22 ng/ml



#11 AR-1232-1

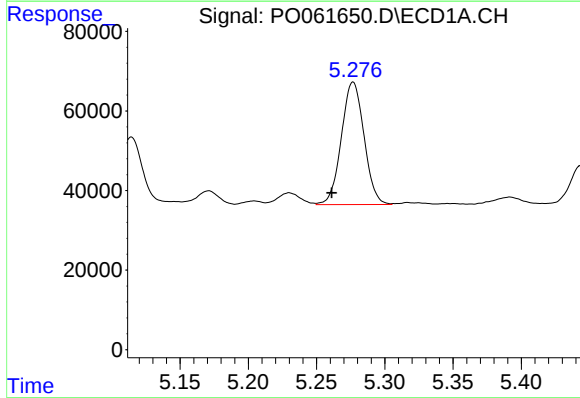
R.T.: 4.751 min
Delta R.T.: 0.016 min
Response: 238200
Conc: 170.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



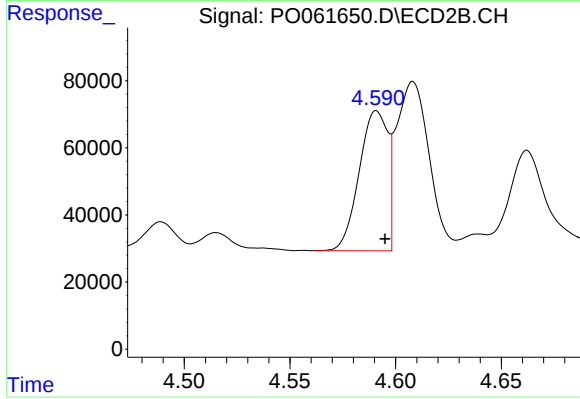
#11 AR-1232-1

R.T.: 3.903 min
Delta R.T.: 0.013 min
Response: 174418
Conc: 155.34 ng/ml



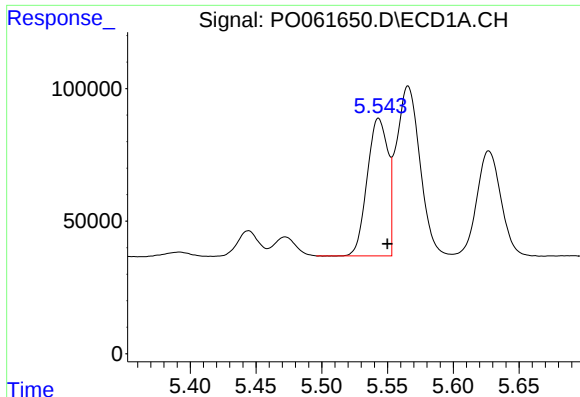
#12 AR-1232-2

R.T.: 5.277 min
Delta R.T.: 0.016 min
Response: 356172
Conc: 453.98 ng/ml



#12 AR-1232-2

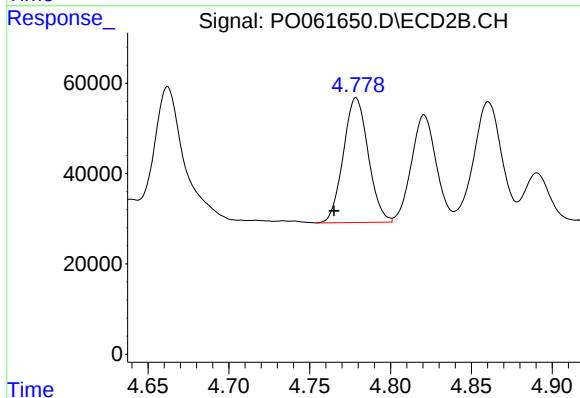
R.T.: 4.591 min
Delta R.T.: -0.004 min
Response: 392329
Conc: 321.40 ng/ml



#13 AR-1232-3

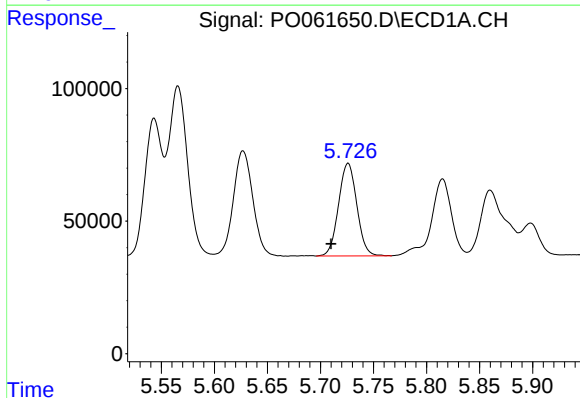
R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 567703
Conc: 332.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



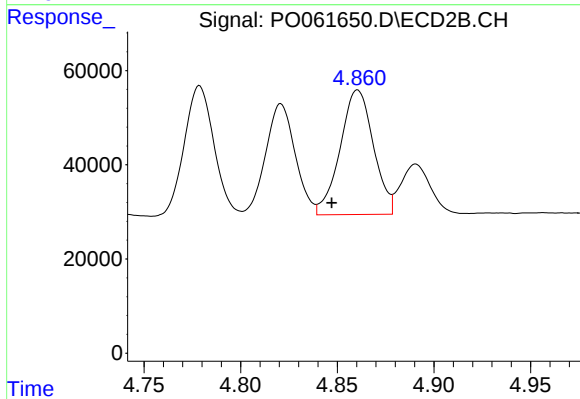
#13 AR-1232-3

R.T.: 4.779 min
Delta R.T.: 0.014 min
Response: 296333
Conc: 448.82 ng/ml



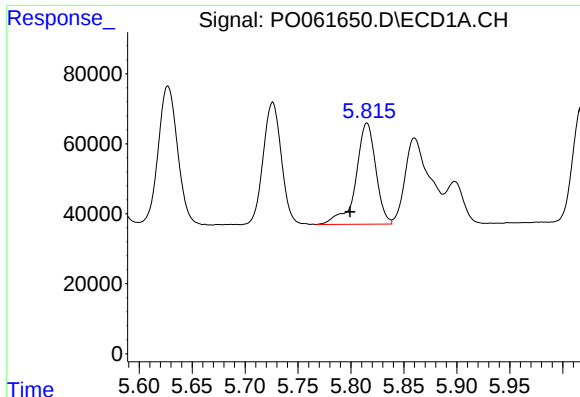
#14 AR-1232-4

R.T.: 5.726 min
Delta R.T.: 0.016 min
Response: 419396
Conc: 474.01 ng/ml



#14 AR-1232-4

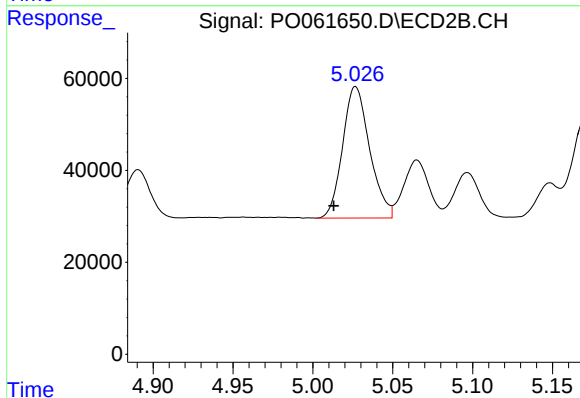
R.T.: 4.861 min
Delta R.T.: 0.013 min
Response: 317331
Conc: 503.42 ng/ml



#15 AR-1232-5

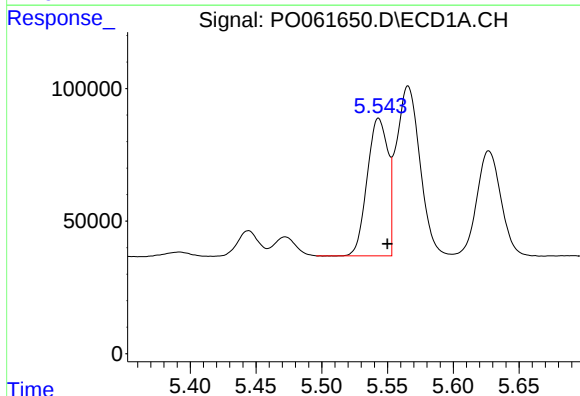
R.T.: 5.815 min
Delta R.T.: 0.016 min
Response: 377931
Conc: 545.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



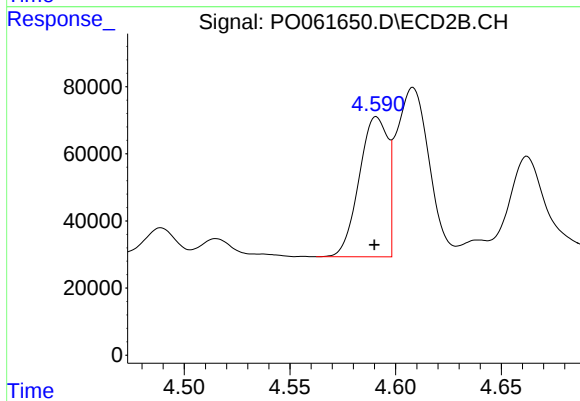
#15 AR-1232-5

R.T.: 5.027 min
Delta R.T.: 0.014 min
Response: 337547
Conc: 491.94 ng/ml



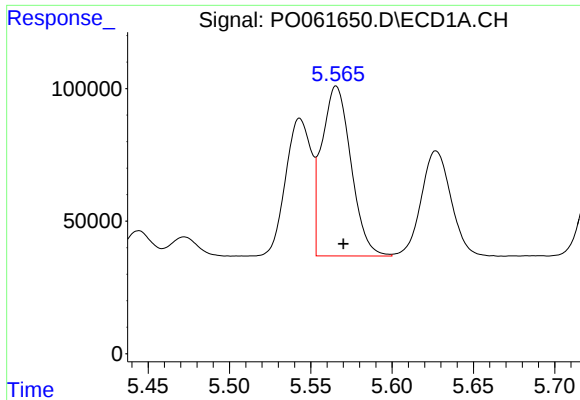
#16 AR-1242-1

R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 567703
Conc: 399.74 ng/ml



#16 AR-1242-1

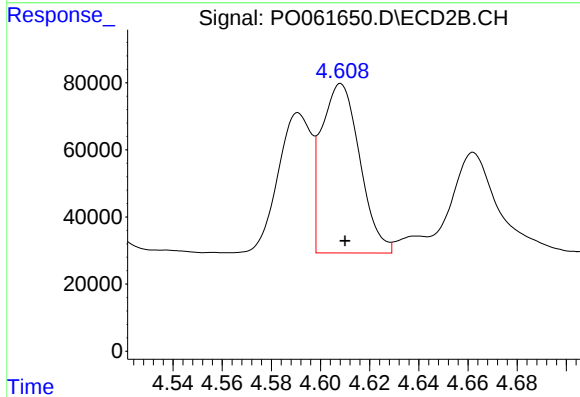
R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 392329
Conc: 382.95 ng/ml



#17 AR-1242-2

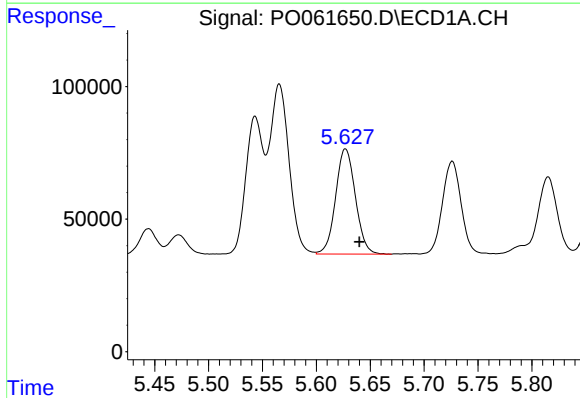
R.T.: 5.566 min
Delta R.T.: -0.004 min
Response: 801536
Conc: 398.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



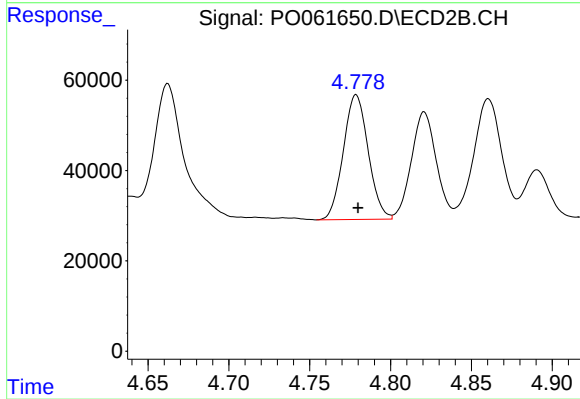
#17 AR-1242-2

R.T.: 4.608 min
Delta R.T.: -0.002 min
Response: 544731
Conc: 386.27 ng/ml



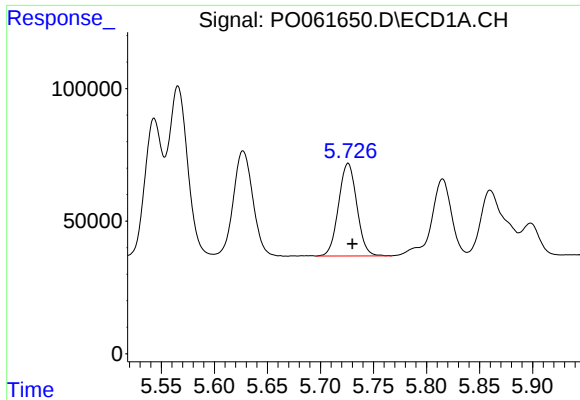
#18 AR-1242-3

R.T.: 5.627 min
Delta R.T.: -0.013 min
Response: 506588
Conc: 401.46 ng/ml



#18 AR-1242-3

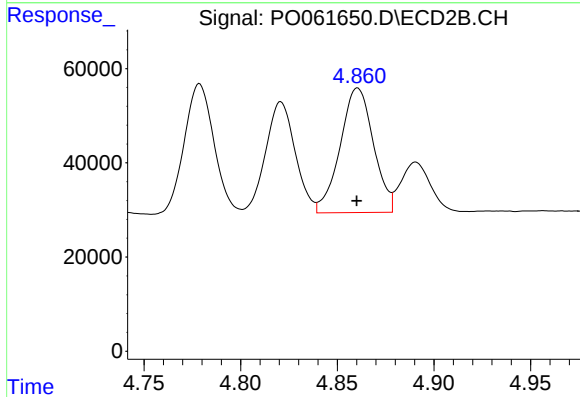
R.T.: 4.779 min
Delta R.T.: -0.001 min
Response: 296333
Conc: 379.48 ng/ml



#19 AR-1242-4

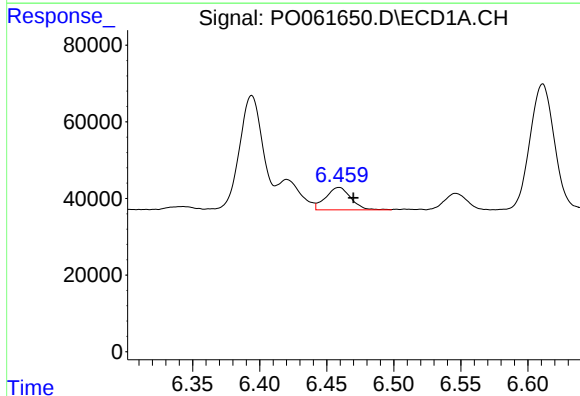
R.T.: 5.726 min
Delta R.T.: -0.004 min
Response: 419396
Conc: 399.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



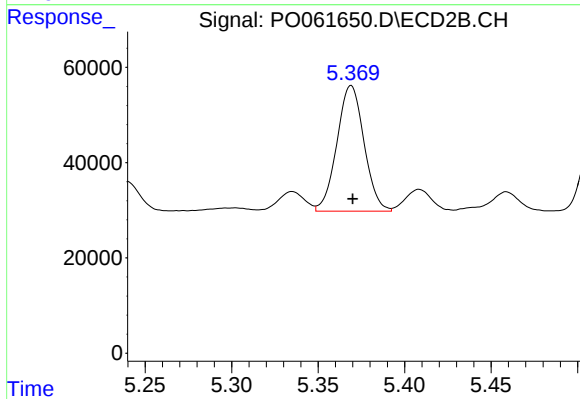
#19 AR-1242-4

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 317331
Conc: 386.71 ng/ml



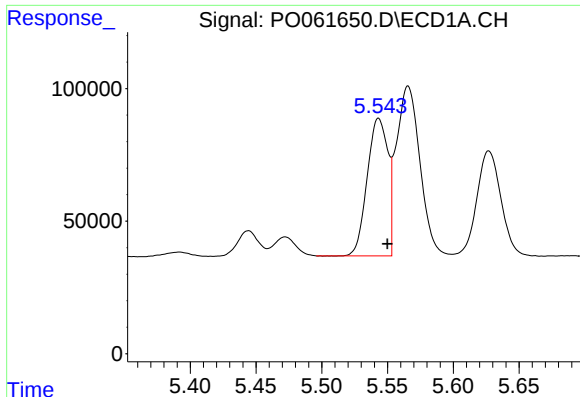
#20 AR-1242-5

R.T.: 6.459 min
Delta R.T.: -0.011 min
Response: 75645
Conc: 56.56 ng/ml



#20 AR-1242-5

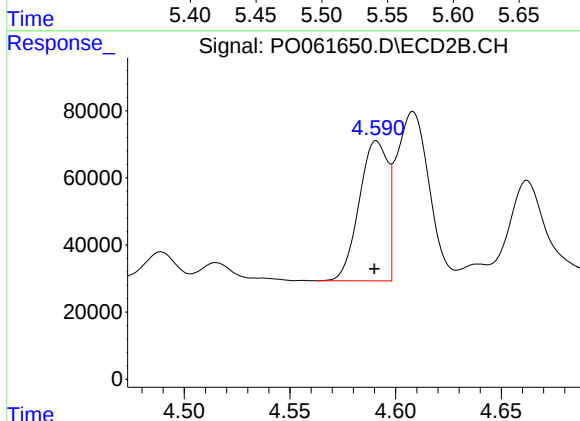
R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 286893
Conc: 267.81 ng/ml



#21 AR-1248-1

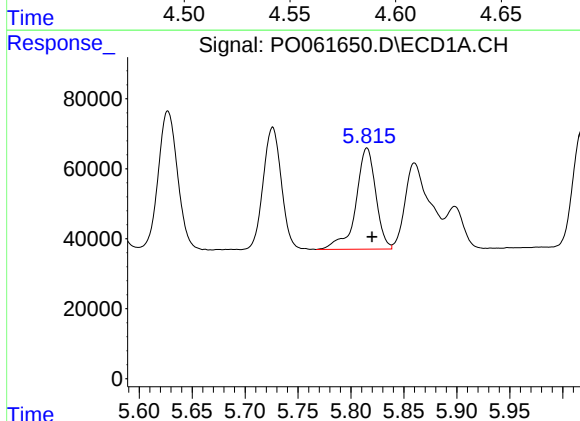
R.T.: 5.543 min
Delta R.T.: -0.007 min
Response: 567703
Conc: 483.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



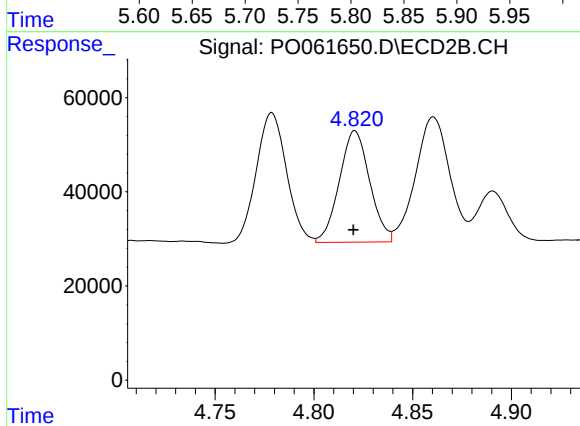
#21 AR-1248-1

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 392329
Conc: 438.45 ng/ml



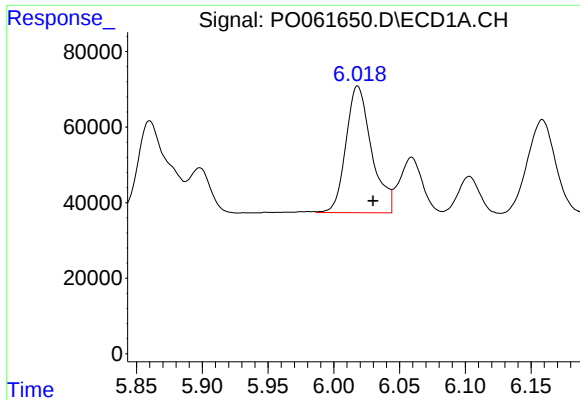
#22 AR-1248-2

R.T.: 5.815 min
Delta R.T.: -0.005 min
Response: 377931
Conc: 224.00 ng/ml



#22 AR-1248-2

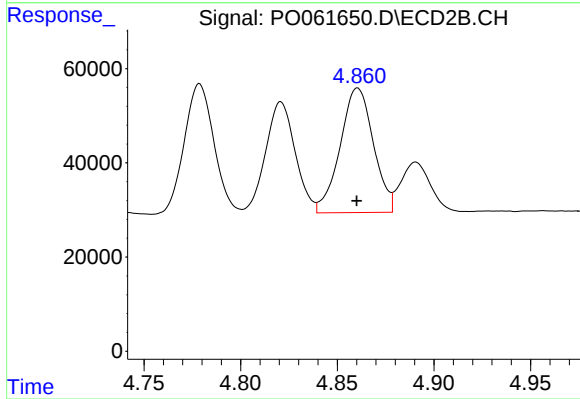
R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 253256
Conc: 214.94 ng/ml



#23 AR-1248-3

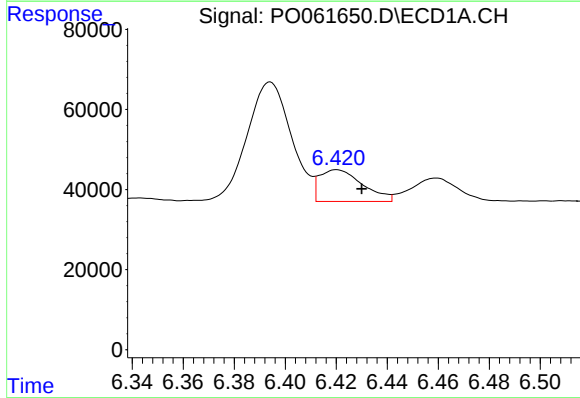
R.T.: 6.018 min
Delta R.T.: -0.012 min
Response: 454483
Conc: 243.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



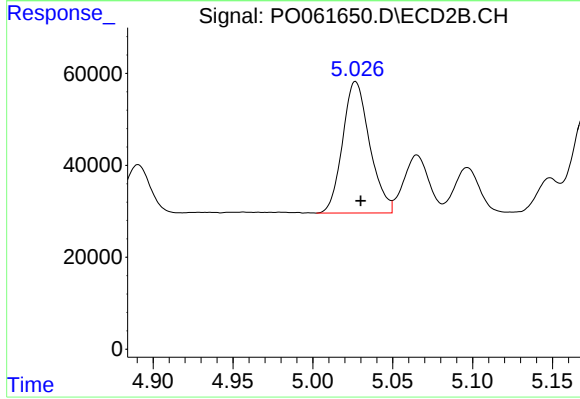
#23 AR-1248-3

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 317331
Conc: 255.65 ng/ml



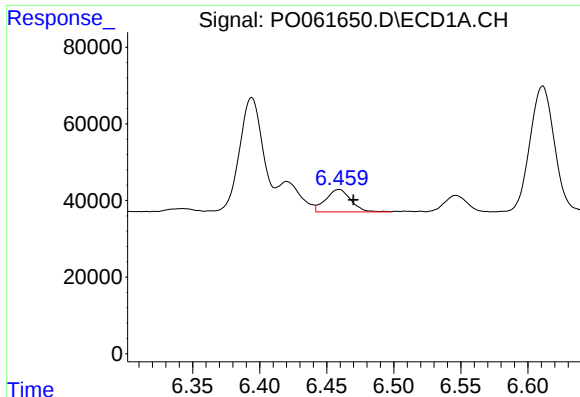
#24 AR-1248-4

R.T.: 6.420 min
Delta R.T.: -0.010 min
Response: 92929
Conc: 39.33 ng/ml



#24 AR-1248-4

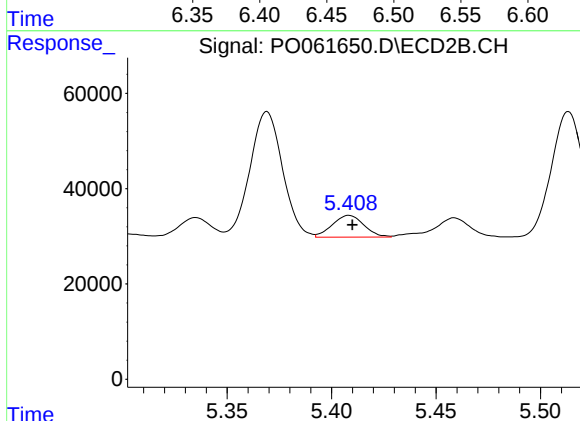
R.T.: 5.027 min
Delta R.T.: -0.003 min
Response: 337547
Conc: 224.54 ng/ml



#25 AR-1248-5

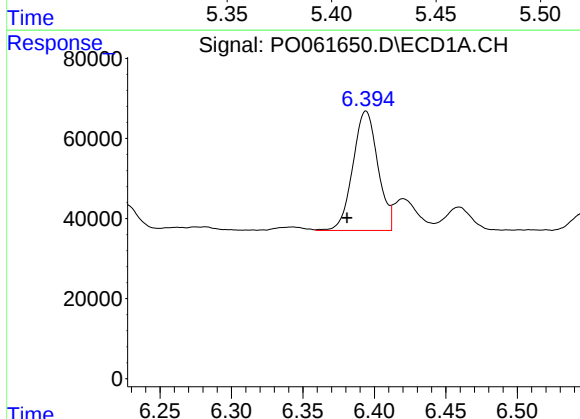
R.T.: 6.459 min
Delta R.T.: -0.011 min
Response: 75645
Conc: 33.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



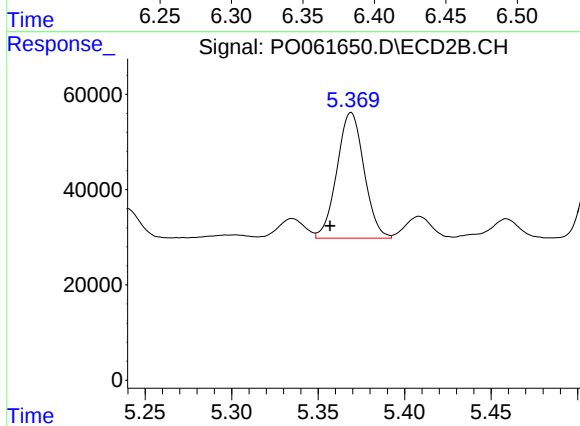
#25 AR-1248-5

R.T.: 5.408 min
Delta R.T.: -0.002 min
Response: 48119
Conc: 31.36 ng/ml



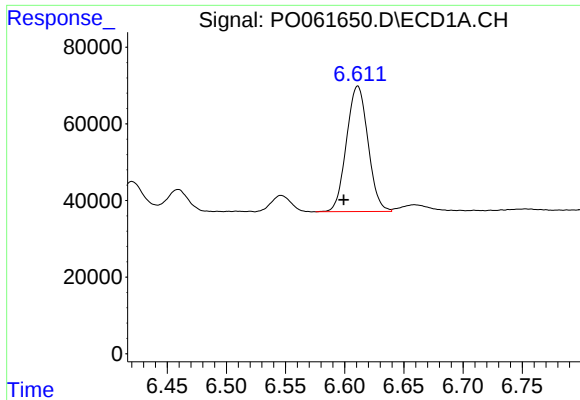
#26 AR-1254-1

R.T.: 6.394 min
Delta R.T.: 0.013 min
Response: 362819
Conc: 159.03 ng/ml



#26 AR-1254-1

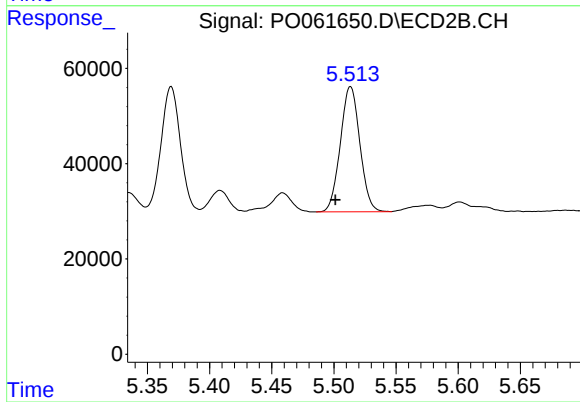
R.T.: 5.369 min
Delta R.T.: 0.012 min
Response: 286893
Conc: 130.80 ng/ml



#27 AR-1254-2

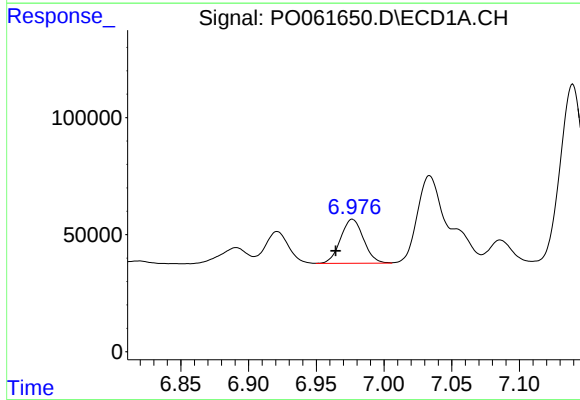
R.T.: 6.611 min
Delta R.T.: 0.012 min
Response: 414211
Conc: 114.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



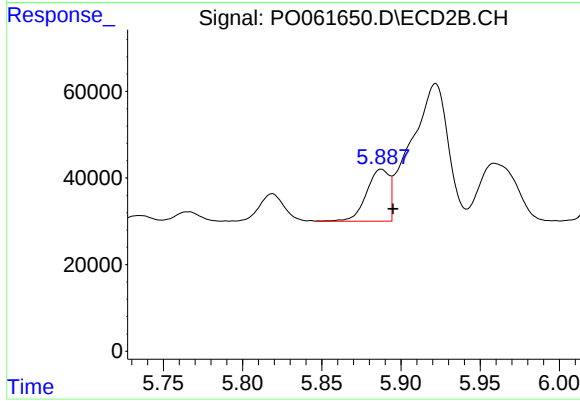
#27 AR-1254-2

R.T.: 5.513 min
Delta R.T.: 0.012 min
Response: 287733
Conc: 146.77 ng/ml



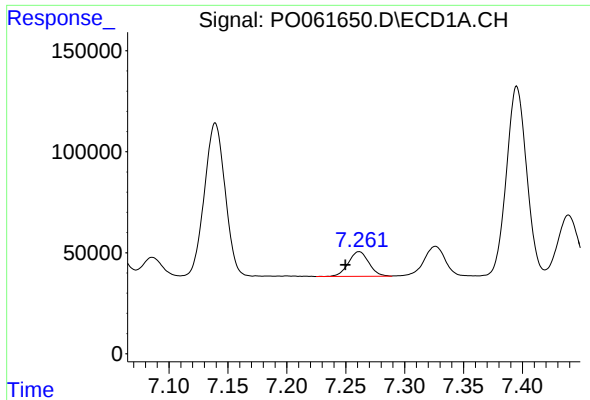
#28 AR-1254-3

R.T.: 6.977 min
Delta R.T.: 0.012 min
Response: 222088
Conc: 56.84 ng/ml



#28 AR-1254-3

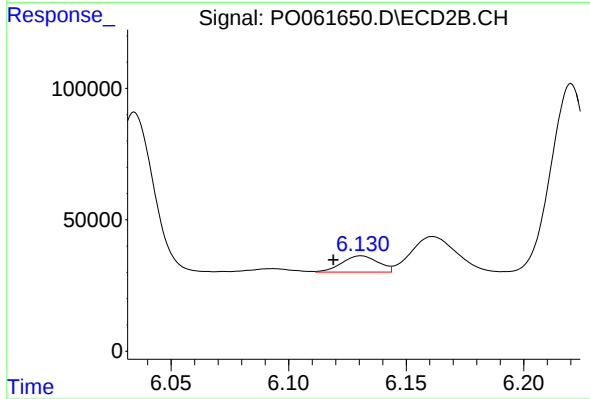
R.T.: 5.888 min
Delta R.T.: -0.007 min
Response: 120249
Conc: 37.77 ng/ml



#29 AR-1254-4

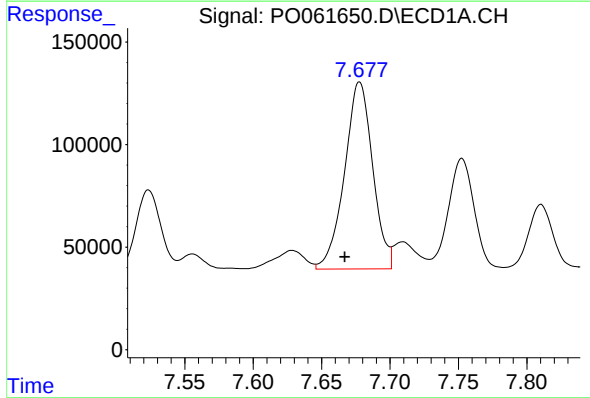
R.T.: 7.261 min
Delta R.T.: 0.012 min
Response: 148262
Conc: 48.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



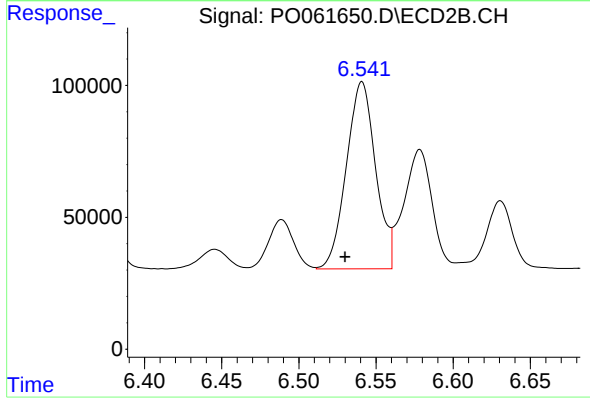
#29 AR-1254-4

R.T.: 6.131 min
Delta R.T.: 0.012 min
Response: 66534
Conc: 32.79 ng/ml



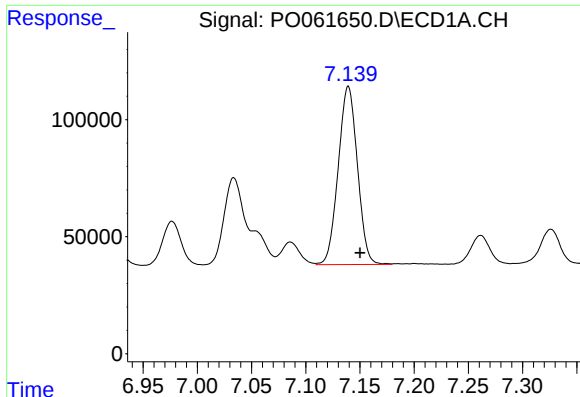
#30 AR-1254-5

R.T.: 7.678 min
Delta R.T.: 0.011 min
Response: 1306948
Conc: 416.17 ng/ml



#30 AR-1254-5

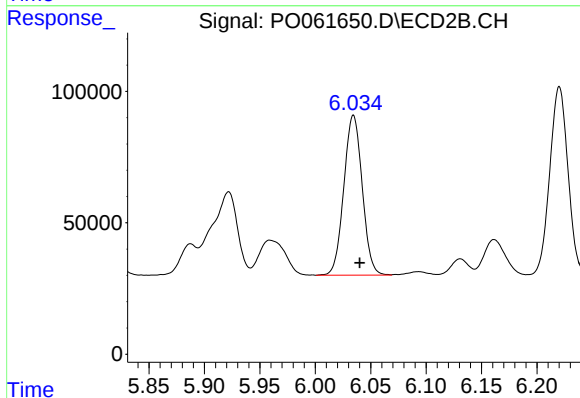
R.T.: 6.541 min
Delta R.T.: 0.011 min
Response: 937317
Conc: 331.39 ng/ml



#31 AR-1260-1

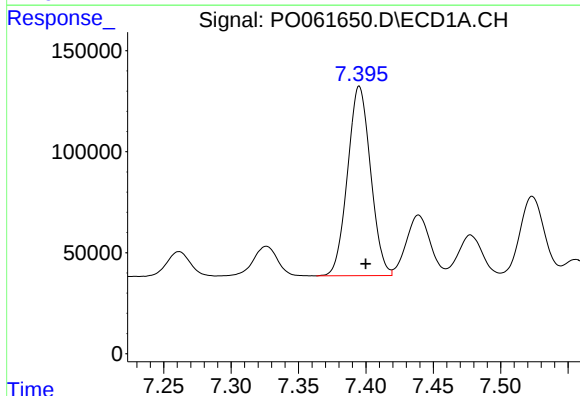
R.T.: 7.139 min
Delta R.T.: -0.011 min
Response: 938435
Conc: 359.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



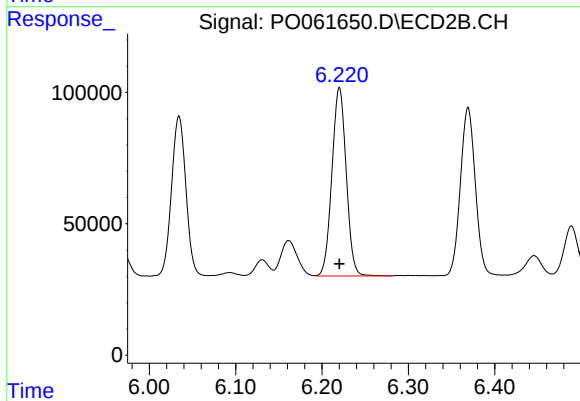
#31 AR-1260-1

R.T.: 6.034 min
Delta R.T.: -0.006 min
Response: 703610
Conc: 344.94 ng/ml



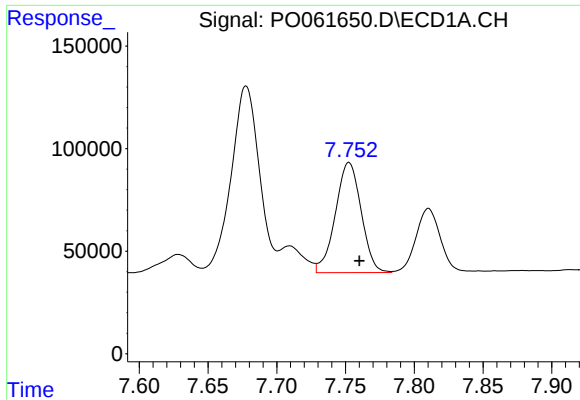
#32 AR-1260-2

R.T.: 7.395 min
Delta R.T.: -0.005 min
Response: 1117754
Conc: 350.61 ng/ml



#32 AR-1260-2

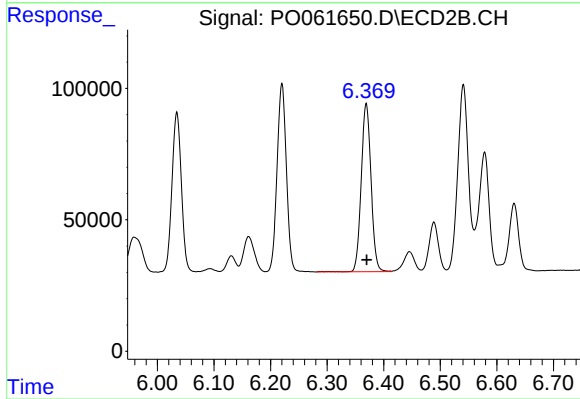
R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 823894
Conc: 343.04 ng/ml



#33 AR-1260-3

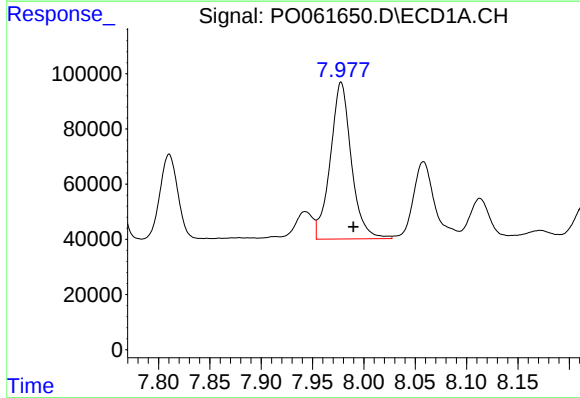
R.T.: 7.753 min
Delta R.T.: -0.007 min
Response: 701597
Conc: 292.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



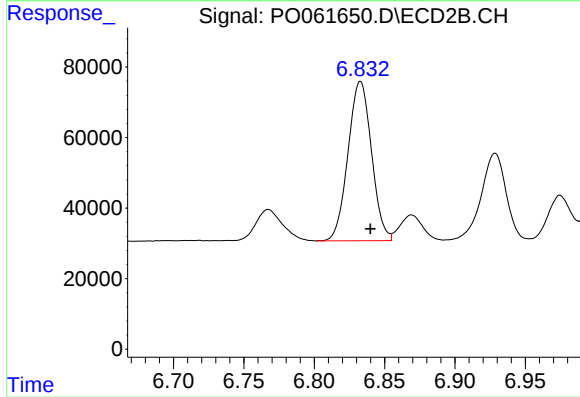
#33 AR-1260-3

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 770488
Conc: 341.97 ng/ml



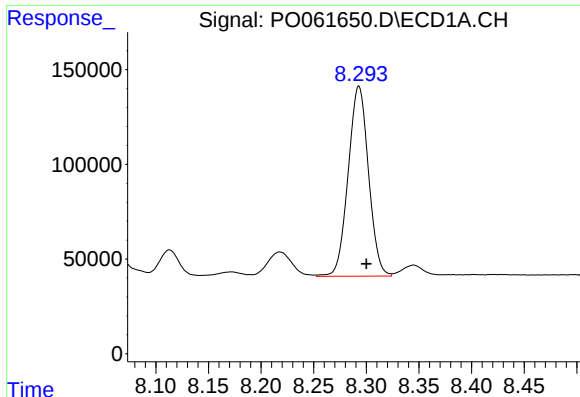
#34 AR-1260-4

R.T.: 7.978 min
Delta R.T.: -0.012 min
Response: 809391
Conc: 302.91 ng/ml



#34 AR-1260-4

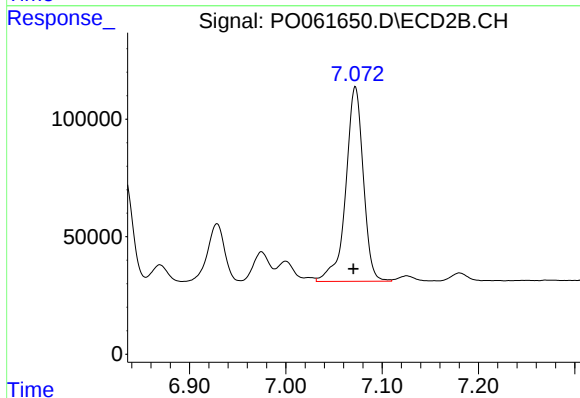
R.T.: 6.833 min
Delta R.T.: -0.007 min
Response: 525513
Conc: 284.64 ng/ml



#35 AR-1260-5

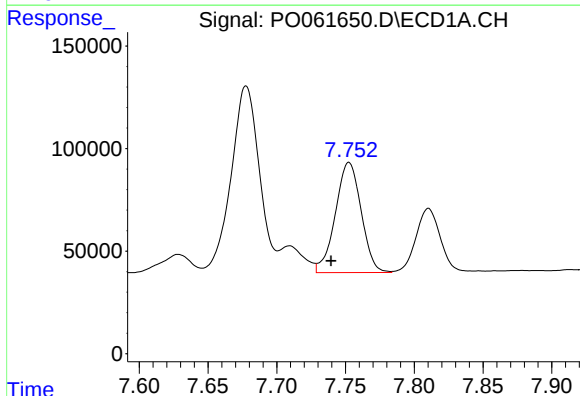
R.T.: 8.293 min
Delta R.T.: -0.007 min
Response: 1349727
Conc: 272.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



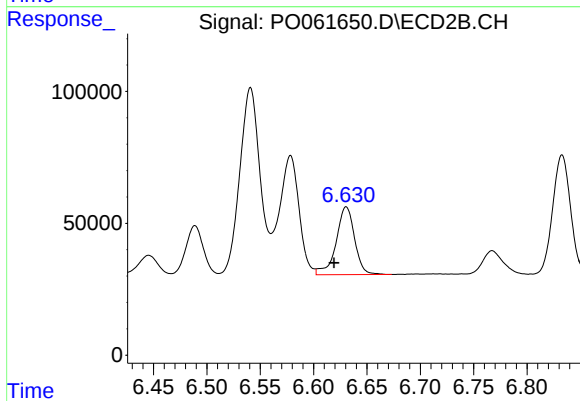
#35 AR-1260-5

R.T.: 7.072 min
Delta R.T.: 0.002 min
Response: 1042733
Conc: 267.81 ng/ml



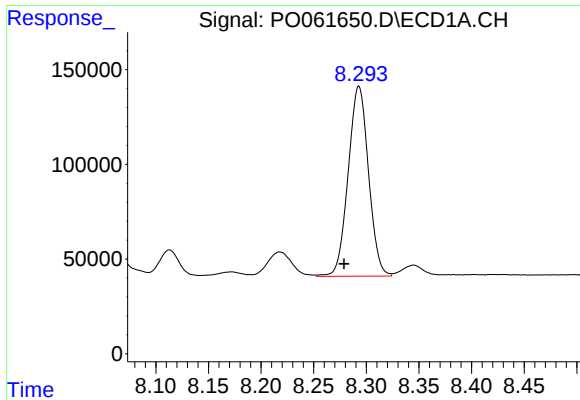
#36 AR-1262-1

R.T.: 7.753 min
Delta R.T.: 0.013 min
Response: 701597
Conc: 183.11 ng/ml



#36 AR-1262-1

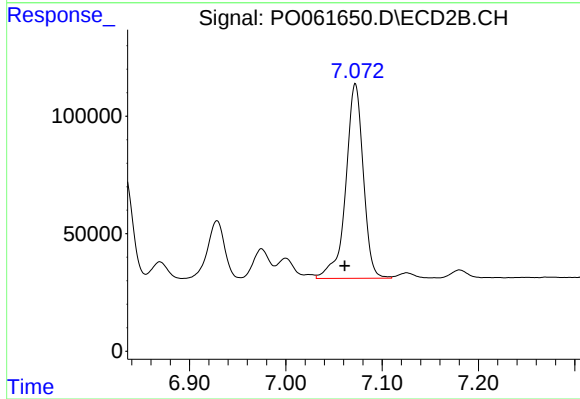
R.T.: 6.631 min
Delta R.T.: 0.011 min
Response: 309269
Conc: 253.37 ng/ml



#37 AR-1262-2

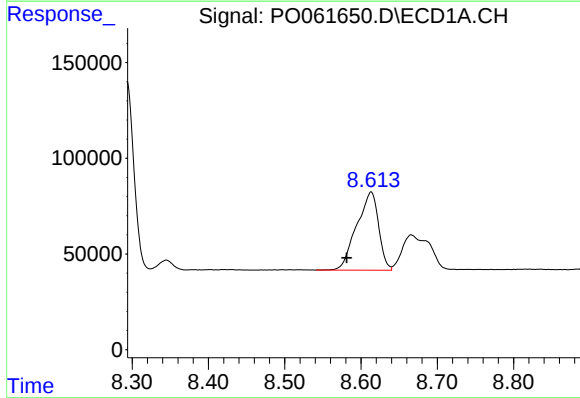
R.T.: 8.293 min
Delta R.T.: 0.014 min
Response: 1349727
Conc: 217.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



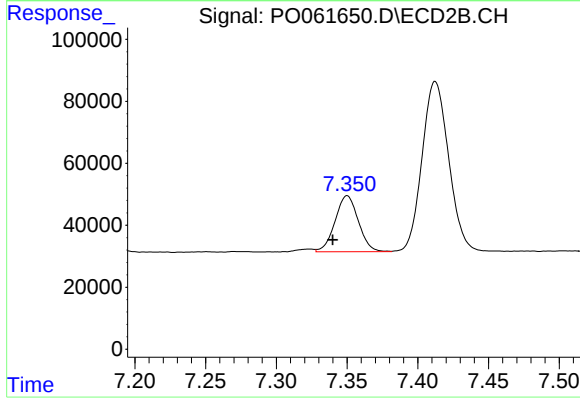
#37 AR-1262-2

R.T.: 7.072 min
Delta R.T.: 0.011 min
Response: 1042733
Conc: 226.78 ng/ml



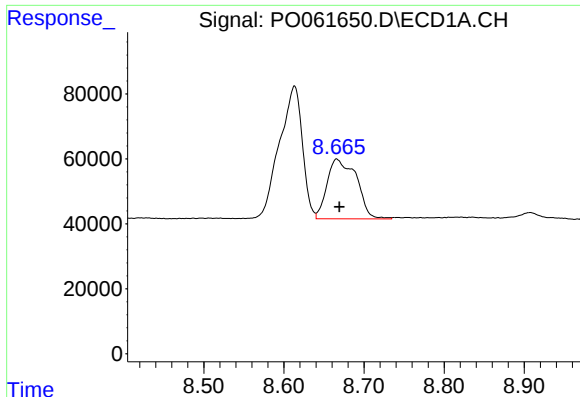
#38 AR-1262-3

R.T.: 8.613 min
Delta R.T.: 0.032 min
Response: 815632
Conc: 196.24 ng/ml



#38 AR-1262-3

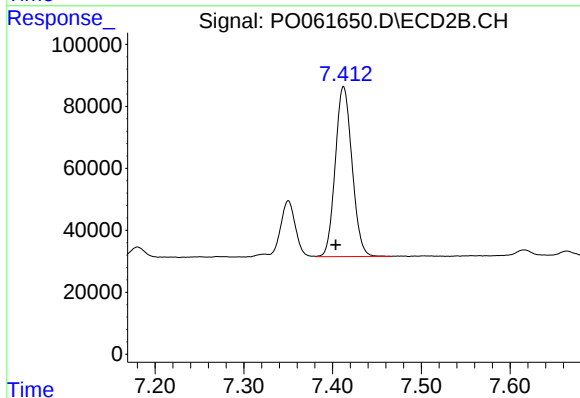
R.T.: 7.350 min
Delta R.T.: 0.010 min
Response: 207141
Conc: 109.96 ng/ml



#39 AR-1262-4

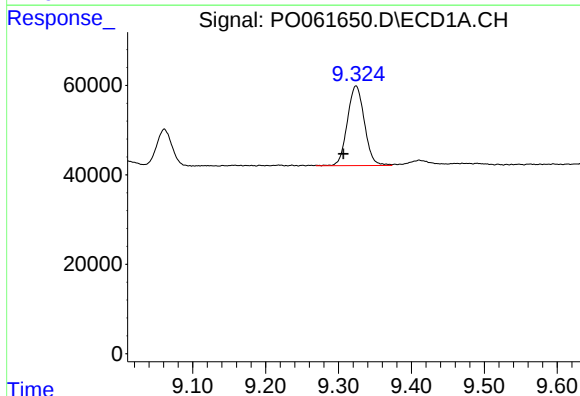
R.T.: 8.666 min
Delta R.T.: -0.003 min
Response: 470651
Conc: 149.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



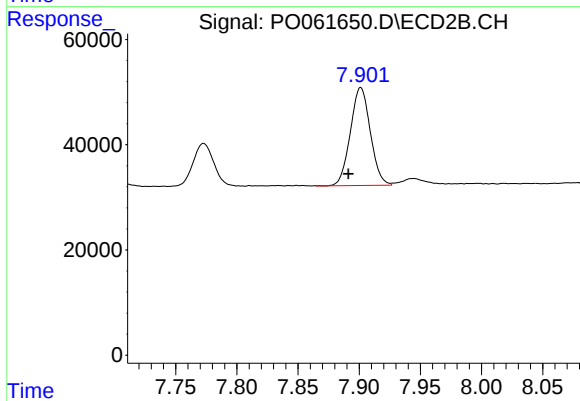
#39 AR-1262-4

R.T.: 7.412 min
Delta R.T.: 0.009 min
Response: 718650
Conc: 213.84 ng/ml



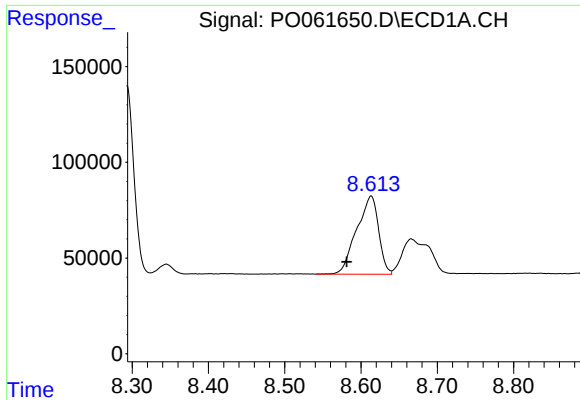
#40 AR-1262-5

R.T.: 9.324 min
Delta R.T.: 0.017 min
Response: 289767
Conc: 142.49 ng/ml



#40 AR-1262-5

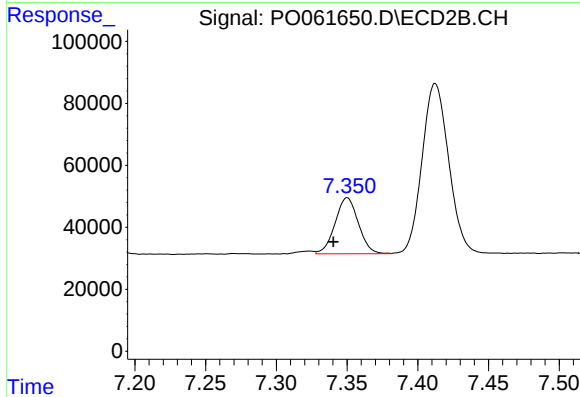
R.T.: 7.901 min
Delta R.T.: 0.010 min
Response: 211523
Conc: 139.53 ng/ml



#41 AR-1268-1

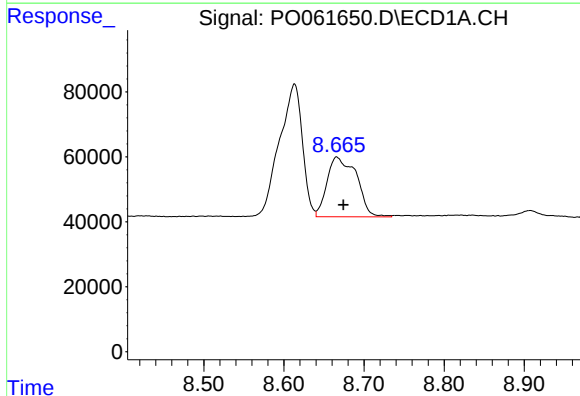
R.T.: 8.613 min
Delta R.T.: 0.032 min
Response: 815632
Conc: 121.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



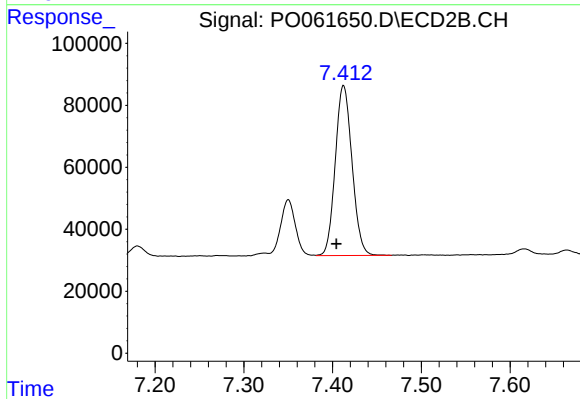
#41 AR-1268-1

R.T.: 7.350 min
Delta R.T.: 0.010 min
Response: 207141
Conc: 42.89 ng/ml



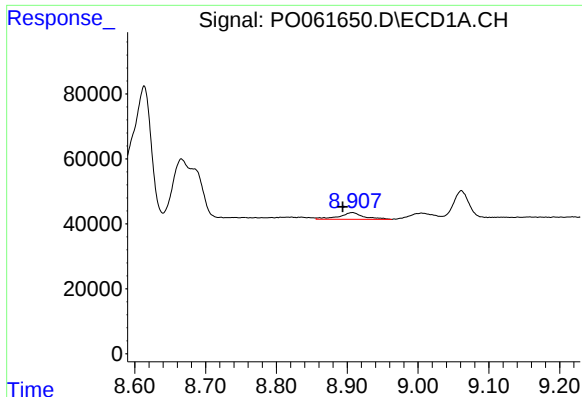
#42 AR-1268-2

R.T.: 8.666 min
Delta R.T.: -0.008 min
Response: 470651
Conc: 76.00 ng/ml



#42 AR-1268-2

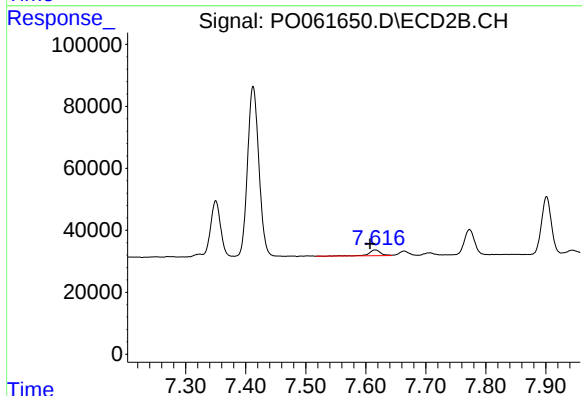
R.T.: 7.412 min
Delta R.T.: 0.008 min
Response: 718650
Conc: 166.75 ng/ml



#43 AR-1268-3

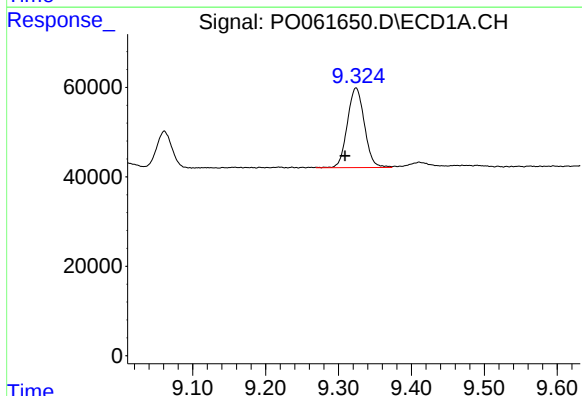
R.T.: 8.907 min
Delta R.T.: 0.014 min
Response: 49782
Conc: 9.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



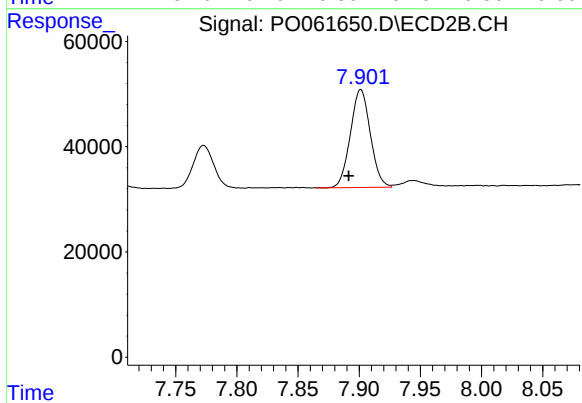
#43 AR-1268-3

R.T.: 7.616 min
Delta R.T.: 0.009 min
Response: 24601
Conc: 6.86 ng/ml



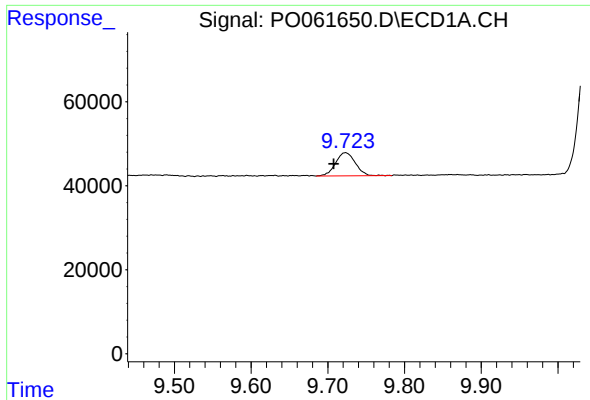
#44 AR-1268-4

R.T.: 9.324 min
Delta R.T.: 0.015 min
Response: 289767
Conc: 132.52 ng/ml



#44 AR-1268-4

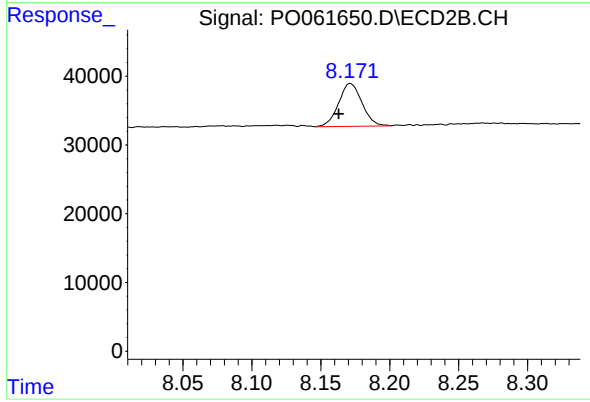
R.T.: 7.901 min
Delta R.T.: 0.010 min
Response: 211523
Conc: 131.43 ng/ml



#45 AR-1268-5

R.T.: 9.723 min
Delta R.T.: 0.015 min
Response: 99236
Conc: 6.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.171 min
Delta R.T.: 0.008 min
Response: 73539
Conc: 7.31 ng/ml