

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122019\
 Data File : PO064839.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Dec 2019 17:51
 Operator : SM/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: Dec 21 05:27:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 13 08:19:24 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...	4.184	3.458	1157141	1382317	47.531	54.531
2)	SA Decachlor...	9.700	8.373	1200890	1562344	39.129	44.987
Target Compounds							
3)	L1 AR-1016-1	5.336	4.521	446991	575360	447.962	532.010
4)	L1 AR-1016-2	5.357	4.540	677172	825945	466.282	549.209
5)	L1 AR-1016-3	5.418	4.713	415970	431865	470.130	555.549
6)	L1 AR-1016-4	5.515	4.754	337749	375767	466.297	571.517
7)	L1 AR-1016-5	5.805	4.964	355965	434940	488.445	498.463
8)	L2 AR-1221-1	4.387	3.667	40250	47375	155.271	169.256
9)	L2 AR-1221-2	4.478	3.752	58336	72659	295.162	341.781
10)	L2 AR-1221-3	4.552	3.826	223084	277369	336.756	392.575
11)	L3 AR-1232-1	4.552	3.826	223084	277369	220.573	248.092
12)	L3 AR-1232-2	5.070	4.540	318512	825945	623.425	686.410
13)	L3 AR-1232-3	5.357	4.713	677172	431865	605.677	693.873
14)	L3 AR-1232-4	5.515	4.795	337749	442416	607.551	776.577 #
15)	L3 AR-1232-5	5.605	4.964	288521	434940	695.251	685.281
16)	L4 AR-1242-1	5.336	4.521	446991	575360	570.386	662.152
17)	L4 AR-1242-2	5.357	4.540	677172	825945	600.115	692.039
18)	L4 AR-1242-3	5.418	4.713	415970	431865	597.409	681.032
19)	L4 AR-1242-4	5.515	4.795	337749	442416	599.082	679.700
20)	L4 AR-1242-5	6.244	5.311	64346	412159	92.327	463.647 #
21)	L5 AR-1248-1	5.336	4.521	446991	575360	692.593	803.781
22)	L5 AR-1248-2	5.605	4.754	288521	375767	312.226	382.695
23)	L5 AR-1248-3	5.805	4.795	355965	442416	335.064	434.801 #
24)	L5 AR-1248-4	6.205	4.964	87537	434940	67.125	337.947 #
25)	L5 AR-1248-5	6.244	5.311	64346	412159	51.710	216.807 #
26)	L6 AR-1254-1	6.178	5.311	266607	412159	209.344	202.961
27)	L6 AR-1254-2	6.395	5.457	353775	407800	170.080	223.650 #
28)	L6 AR-1254-3	6.757	5.869	305617	778998	127.992	250.770 #
29)	L6 AR-1254-4	7.041	6.083	237522	201972	127.021	98.329
30)	L6 AR-1254-5	7.455	6.496	1142202	1360380	542.866	455.756
31)	L7 AR-1260-1	6.919	5.985	712709	974246	463.910	527.618
32)	L7 AR-1260-2	7.175	6.172	919528	1198758	465.820	515.239
33)	L7 AR-1260-3	7.530	6.323	748467	1075583	498.111	507.993
34)	L7 AR-1260-4	7.753	6.791	882799	895957	477.906	475.587
35)	L7 AR-1260-5	8.059	7.033	1584439	2095620	424.588	446.825
36)	L8 AR-1262-1	7.530	6.587	748467	491216	325.499	428.168 #
37)	L8 AR-1262-2	8.059	7.033	1584439	2095620	365.025	383.510
38)	L8 AR-1262-3	8.359	7.313	924713	465161	317.772	223.333 #
39)	L8 AR-1262-4	8.413	7.376	340098	1540389	157.138	386.928 #
40)	L8 AR-1262-5	9.029	7.868	390770	525927	266.402	301.637
41)	L9 AR-1268-1	8.359	7.313	924713	465161	178.928	72.744 #

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 ALS Vial : 3 Sample Multiplier: 1

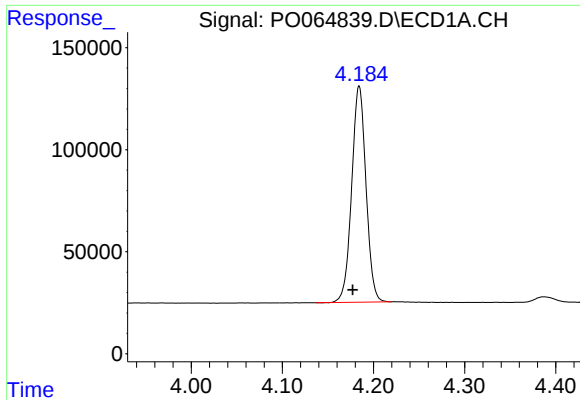
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 05:27:34 2019
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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	8.413	7.376	340098	1540389	72.324	264.287 #
44) L9	AR-1268-4	9.029	7.868	390770	525927	232.435	261.279
45) L9	AR-1268-5	9.401	8.139	97423	139128	8.210	9.617

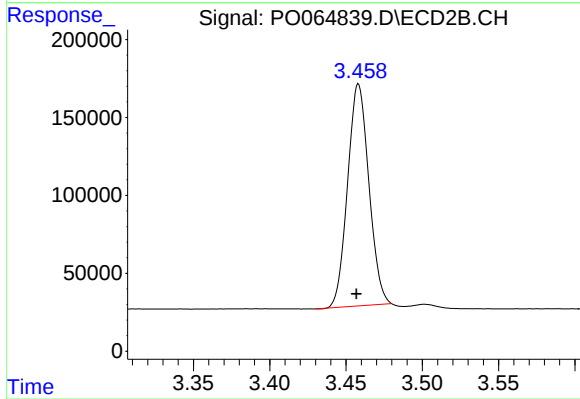
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

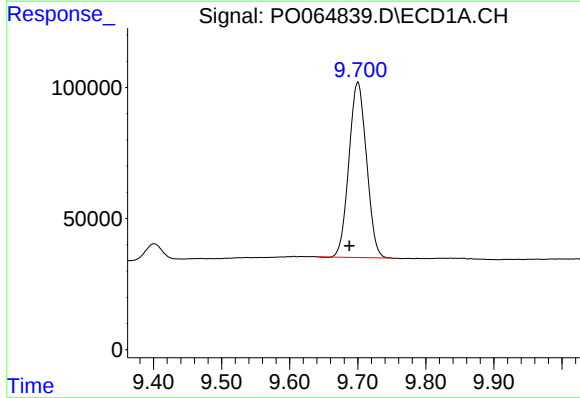
R.T.: 4.184 min
Delta R.T.: 0.007 min
Response: 1157141
Conc: 47.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



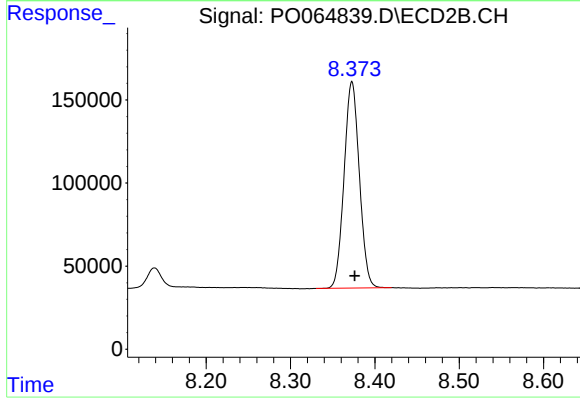
#1 Tetrachloro-m-xylene

R.T.: 3.458 min
Delta R.T.: 0.002 min
Response: 1382317
Conc: 54.53 ng/ml



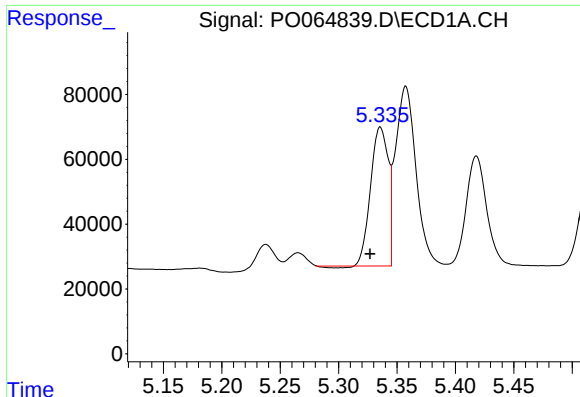
#2 Decachlorobiphenyl

R.T.: 9.700 min
Delta R.T.: 0.013 min
Response: 1200890
Conc: 39.13 ng/ml



#2 Decachlorobiphenyl

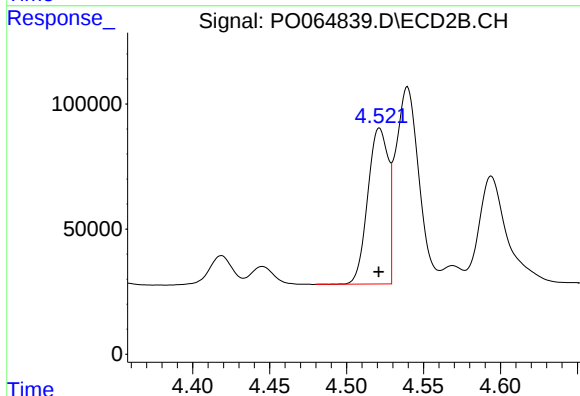
R.T.: 8.373 min
Delta R.T.: -0.003 min
Response: 1562344
Conc: 44.99 ng/ml



#3 AR-1016-1

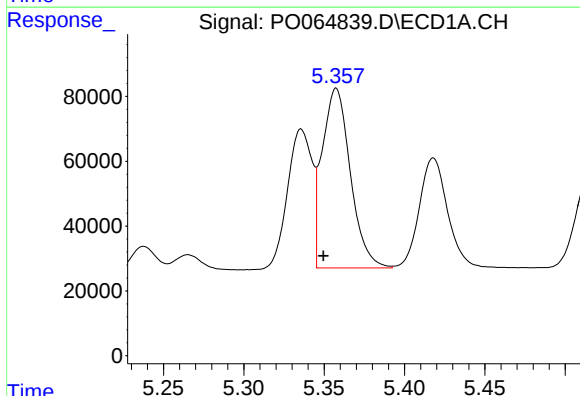
R.T.: 5.336 min
Delta R.T.: 0.009 min
Response: 446991
Conc: 447.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



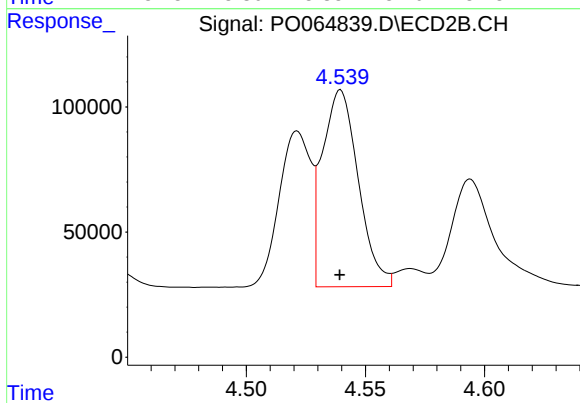
#3 AR-1016-1

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 575360
Conc: 532.01 ng/ml



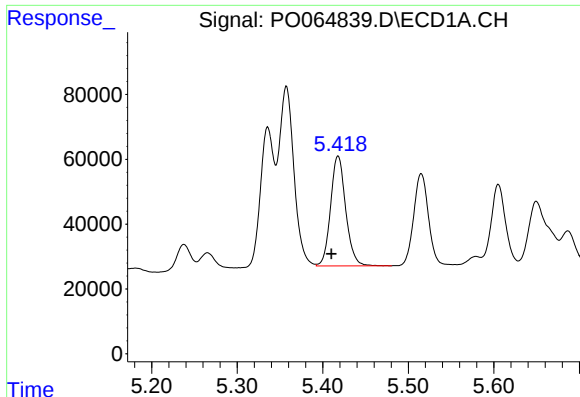
#4 AR-1016-2

R.T.: 5.357 min
Delta R.T.: 0.008 min
Response: 677172
Conc: 466.28 ng/ml



#4 AR-1016-2

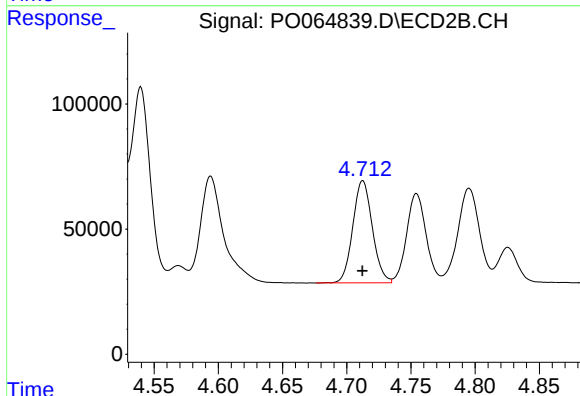
R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 825945
Conc: 549.21 ng/ml



#5 AR-1016-3

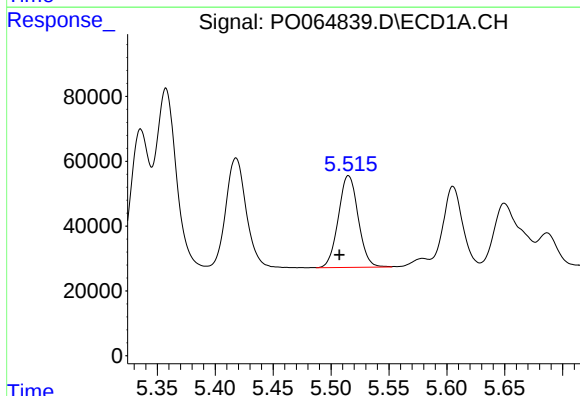
R.T.: 5.418 min
Delta R.T.: 0.008 min
Response: 415970
Conc: 470.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



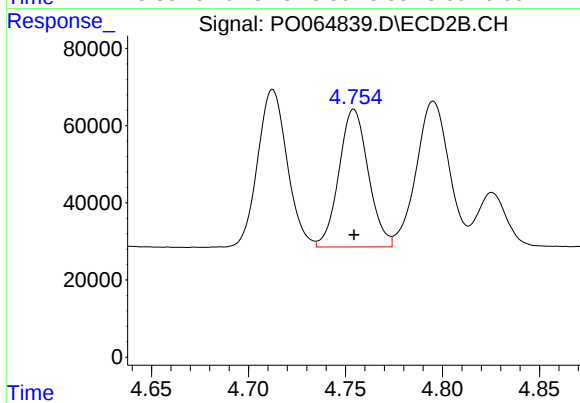
#5 AR-1016-3

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 431865
Conc: 555.55 ng/ml



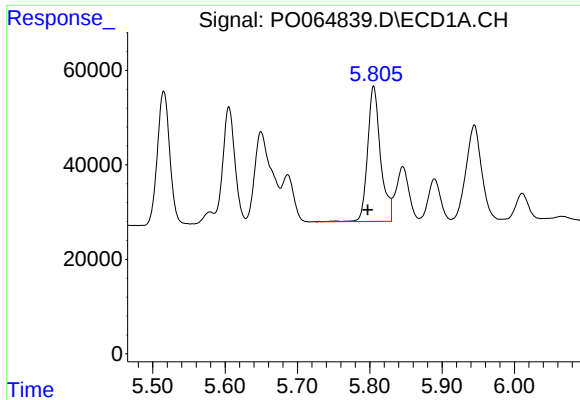
#6 AR-1016-4

R.T.: 5.515 min
Delta R.T.: 0.008 min
Response: 337749
Conc: 466.30 ng/ml



#6 AR-1016-4

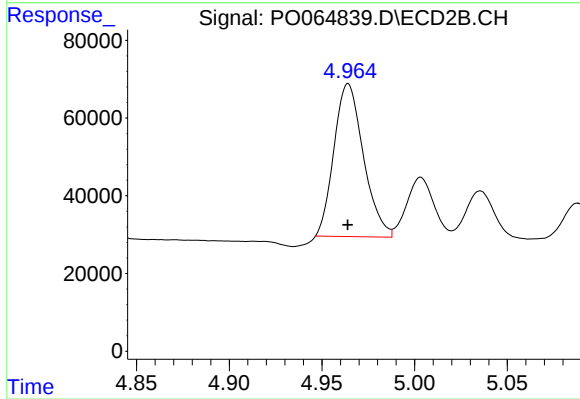
R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 375767
Conc: 571.52 ng/ml



#7 AR-1016-5

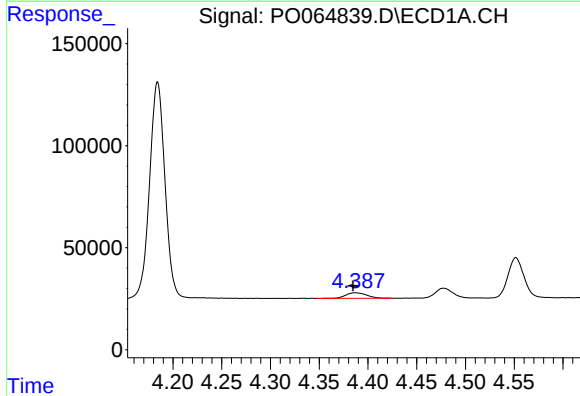
R.T.: 5.805 min
Delta R.T.: 0.008 min
Response: 355965
Conc: 488.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



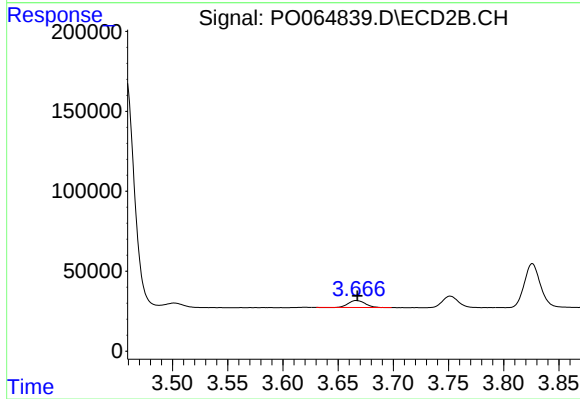
#7 AR-1016-5

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 434940
Conc: 498.46 ng/ml



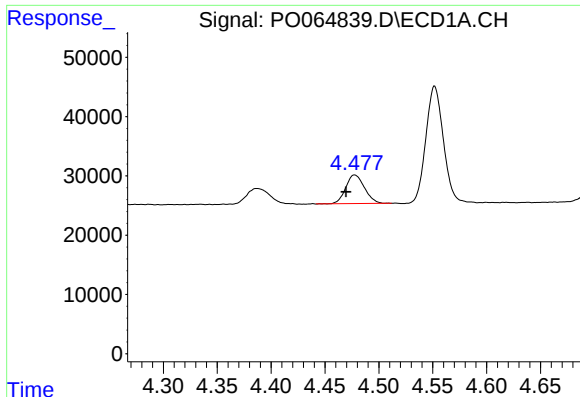
#8 AR-1221-1

R.T.: 4.387 min
Delta R.T.: 0.002 min
Response: 40250
Conc: 155.27 ng/ml



#8 AR-1221-1

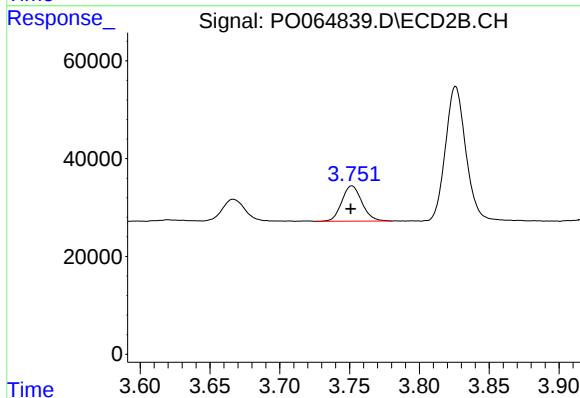
R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 47375
Conc: 169.26 ng/ml



#9 AR-1221-2

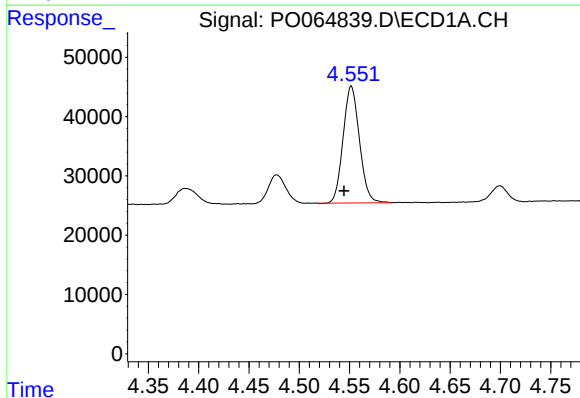
R.T.: 4.478 min
Delta R.T.: 0.008 min
Response: 58336
Conc: 295.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



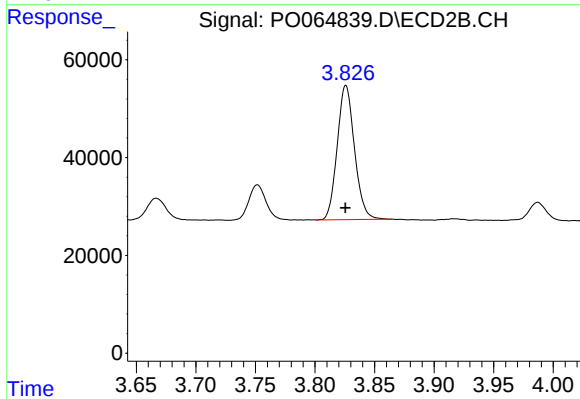
#9 AR-1221-2

R.T.: 3.752 min
Delta R.T.: 0.000 min
Response: 72659
Conc: 341.78 ng/ml



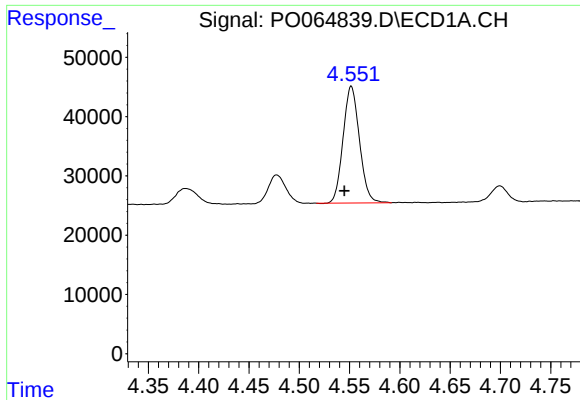
#10 AR-1221-3

R.T.: 4.552 min
Delta R.T.: 0.007 min
Response: 223084
Conc: 336.76 ng/ml



#10 AR-1221-3

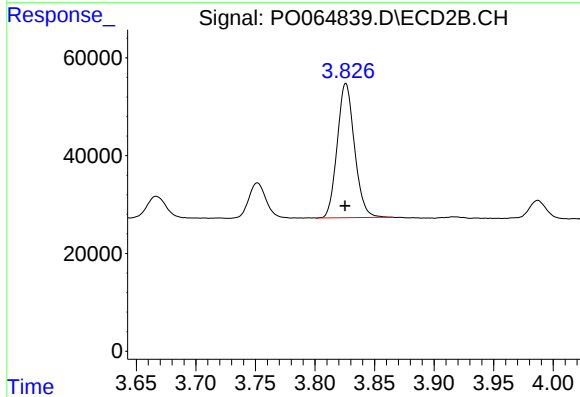
R.T.: 3.826 min
Delta R.T.: 0.000 min
Response: 277369
Conc: 392.57 ng/ml



#11 AR-1232-1

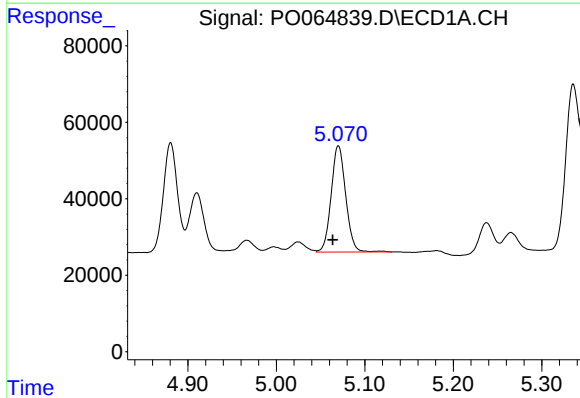
R.T.: 4.552 min
Delta R.T.: 0.007 min
Response: 223084
Conc: 220.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



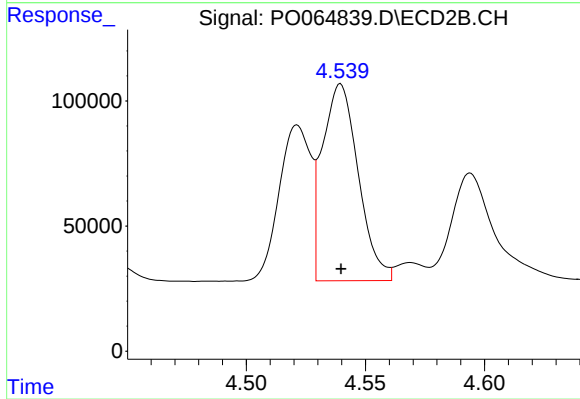
#11 AR-1232-1

R.T.: 3.826 min
Delta R.T.: 0.000 min
Response: 277369
Conc: 248.09 ng/ml



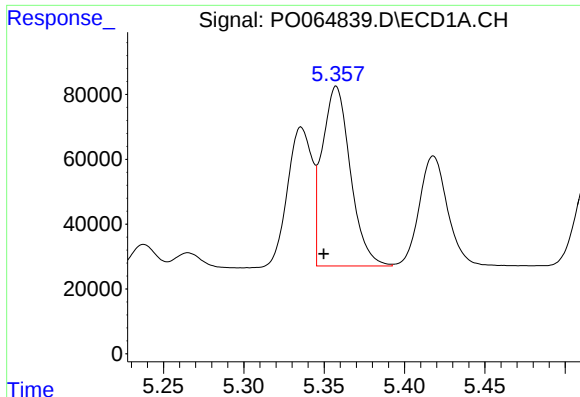
#12 AR-1232-2

R.T.: 5.070 min
Delta R.T.: 0.007 min
Response: 318512
Conc: 623.43 ng/ml



#12 AR-1232-2

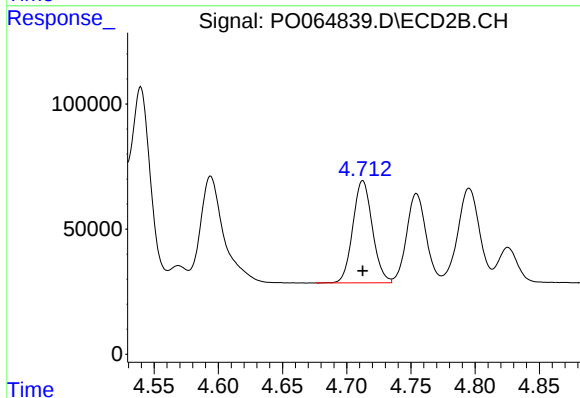
R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 825945
Conc: 686.41 ng/ml



#13 AR-1232-3

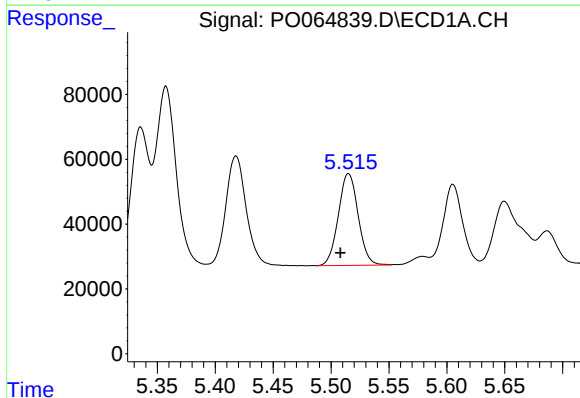
R.T.: 5.357 min
Delta R.T.: 0.008 min
Response: 677172
Conc: 605.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



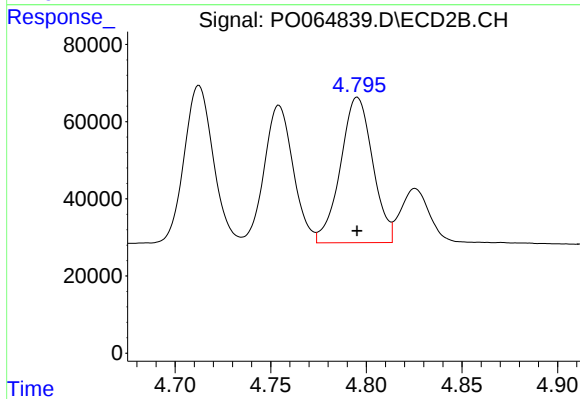
#13 AR-1232-3

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 431865
Conc: 693.87 ng/ml



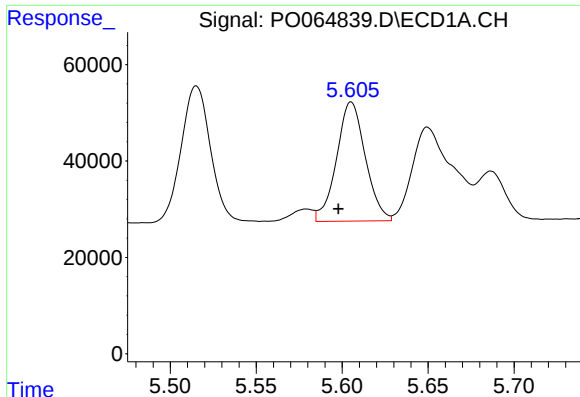
#14 AR-1232-4

R.T.: 5.515 min
Delta R.T.: 0.007 min
Response: 337749
Conc: 607.55 ng/ml



#14 AR-1232-4

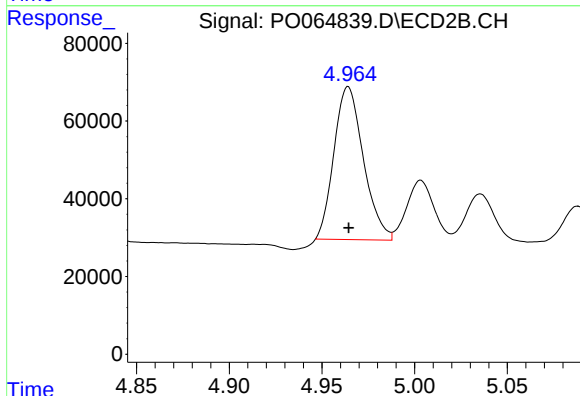
R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 442416
Conc: 776.58 ng/ml



#15 AR-1232-5

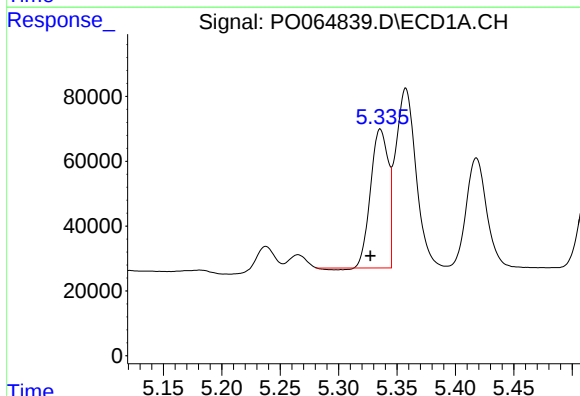
R.T.: 5.605 min
Delta R.T.: 0.008 min
Response: 288521
Conc: 695.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



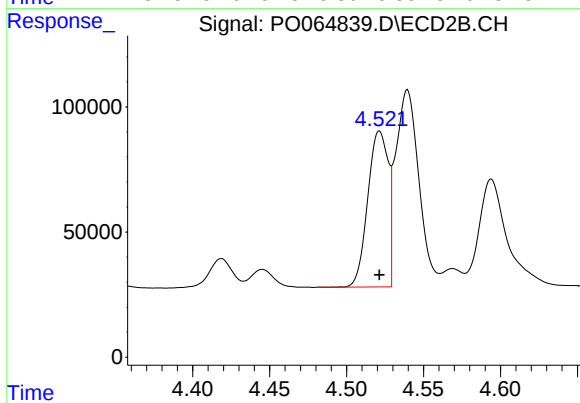
#15 AR-1232-5

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 434940
Conc: 685.28 ng/ml



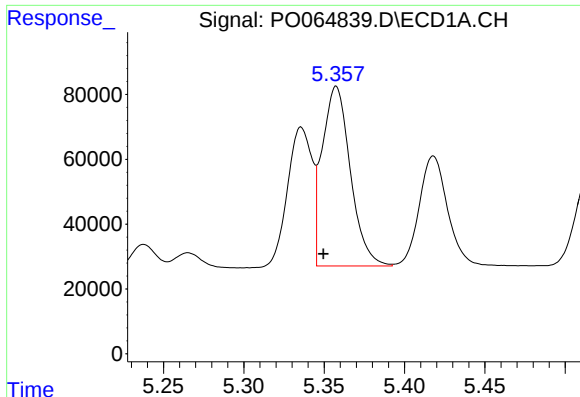
#16 AR-1242-1

R.T.: 5.336 min
Delta R.T.: 0.008 min
Response: 446991
Conc: 570.39 ng/ml



#16 AR-1242-1

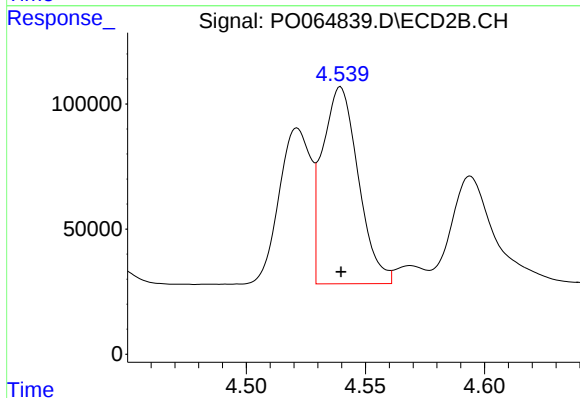
R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 575360
Conc: 662.15 ng/ml



#17 AR-1242-2

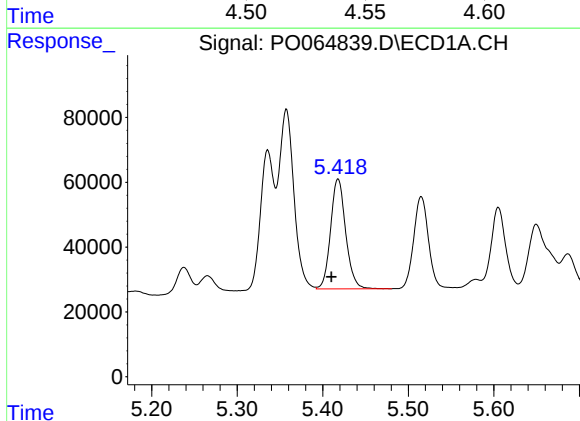
R.T.: 5.357 min
Delta R.T.: 0.008 min
Response: 677172
Conc: 600.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



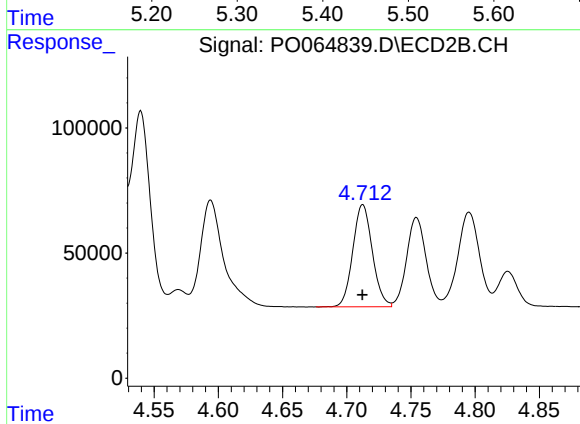
#17 AR-1242-2

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 825945
Conc: 692.04 ng/ml



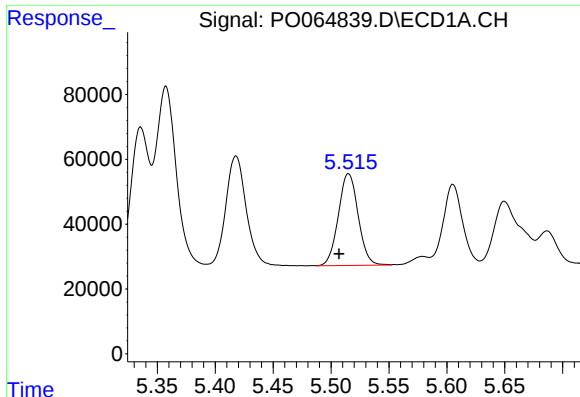
#18 AR-1242-3

R.T.: 5.418 min
Delta R.T.: 0.008 min
Response: 415970
Conc: 597.41 ng/ml



#18 AR-1242-3

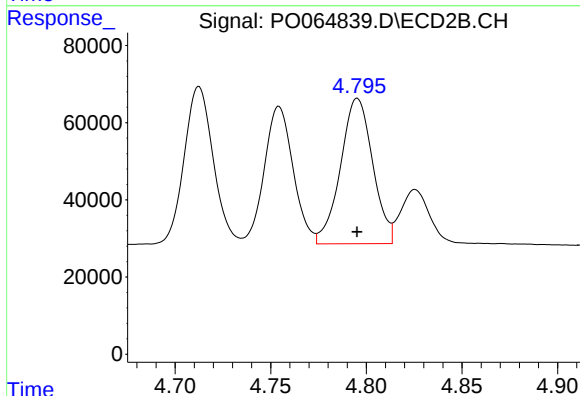
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 431865
Conc: 681.03 ng/ml



#19 AR-1242-4

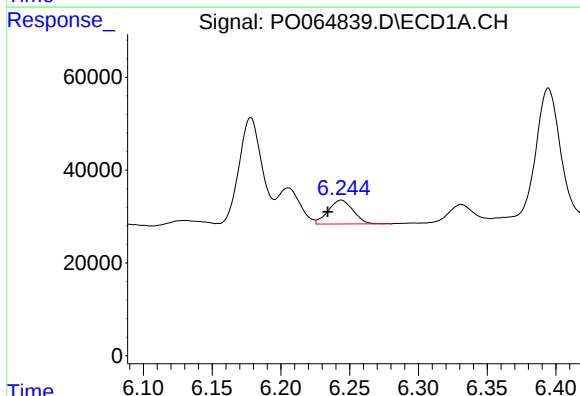
R.T.: 5.515 min
Delta R.T.: 0.008 min
Response: 337749
Conc: 599.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



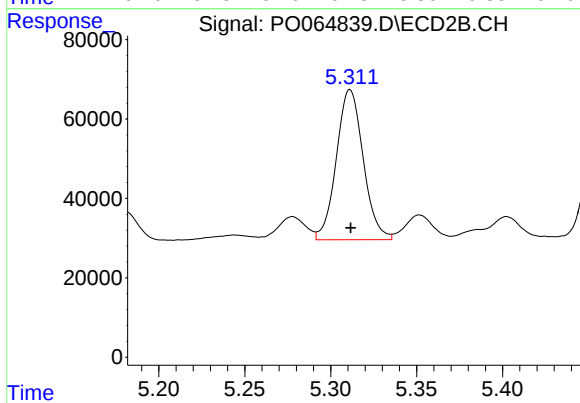
#19 AR-1242-4

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 442416
Conc: 679.70 ng/ml



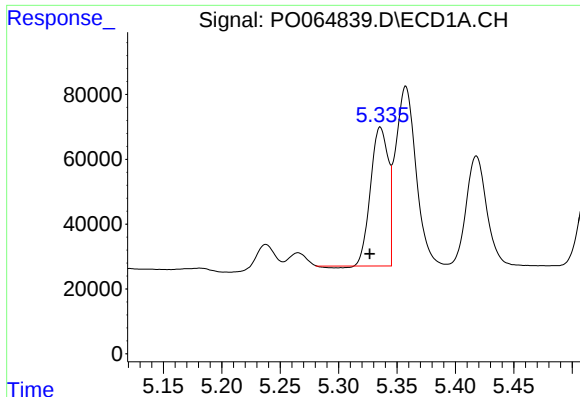
#20 AR-1242-5

R.T.: 6.244 min
Delta R.T.: 0.010 min
Response: 64346
Conc: 92.33 ng/ml



#20 AR-1242-5

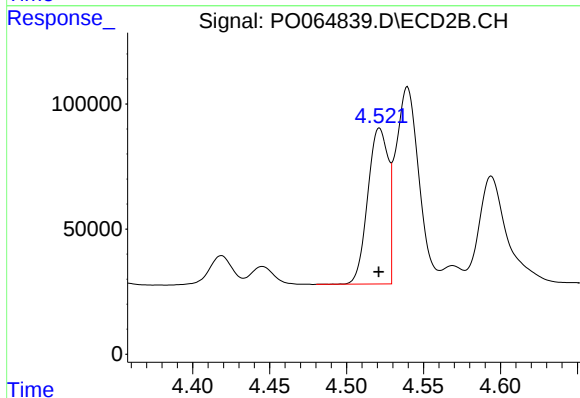
R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 412159
Conc: 463.65 ng/ml



#21 AR-1248-1

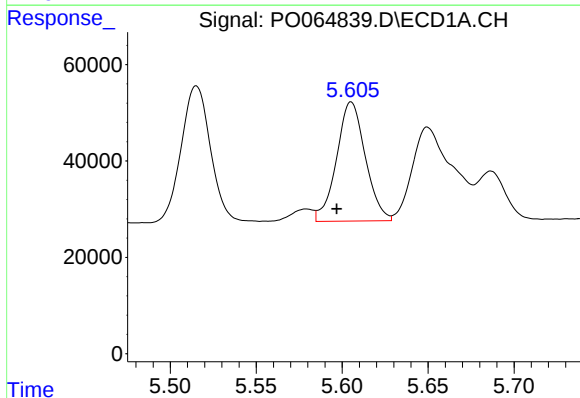
R.T.: 5.336 min
Delta R.T.: 0.009 min
Response: 446991
Conc: 692.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



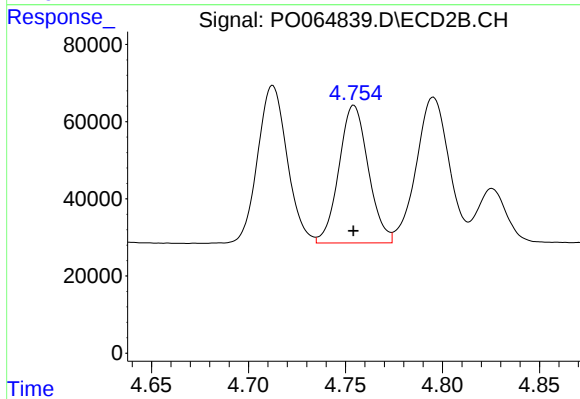
#21 AR-1248-1

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 575360
Conc: 803.78 ng/ml



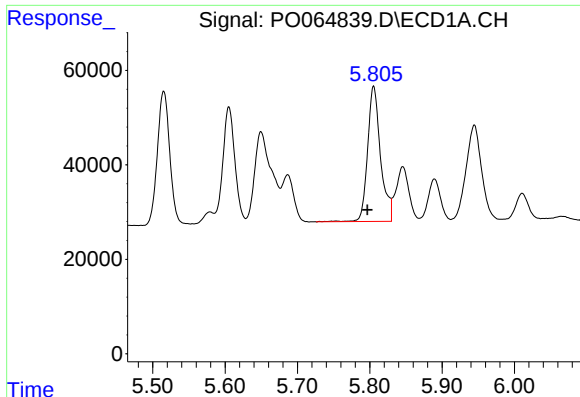
#22 AR-1248-2

R.T.: 5.605 min
Delta R.T.: 0.008 min
Response: 288521
Conc: 312.23 ng/ml



#22 AR-1248-2

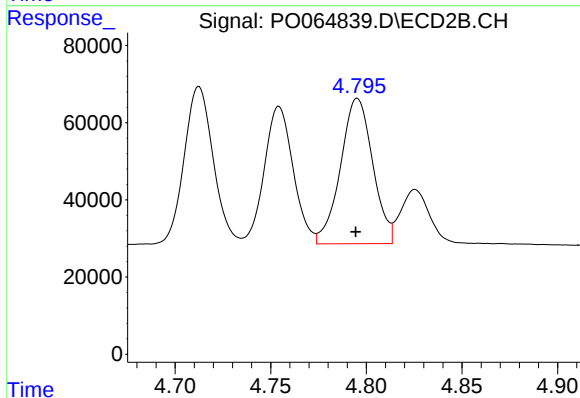
R.T.: 4.754 min
Delta R.T.: 0.000 min
Response: 375767
Conc: 382.70 ng/ml



#23 AR-1248-3

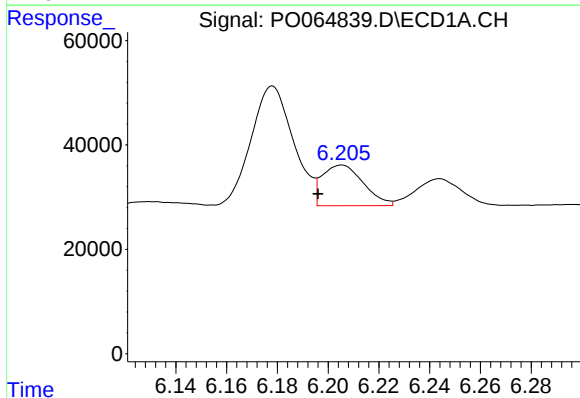
R.T.: 5.805 min
Delta R.T.: 0.009 min
Response: 355965
Conc: 335.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



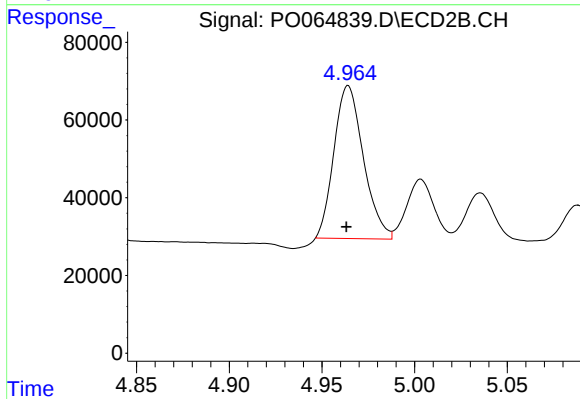
#23 AR-1248-3

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 442416
Conc: 434.80 ng/ml



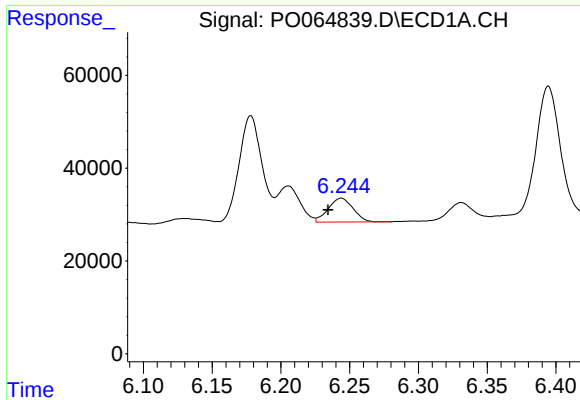
#24 AR-1248-4

R.T.: 6.205 min
Delta R.T.: 0.009 min
Response: 87537
Conc: 67.12 ng/ml



#24 AR-1248-4

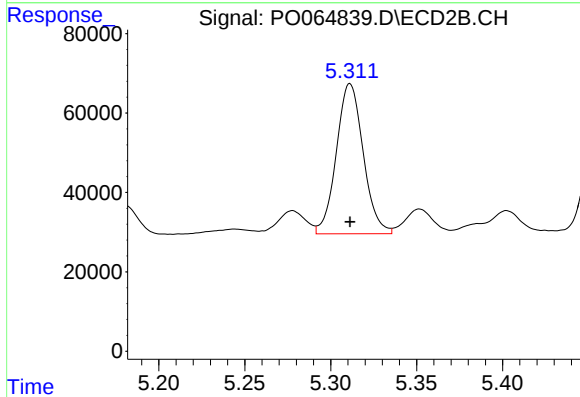
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 434940
Conc: 337.95 ng/ml



#25 AR-1248-5

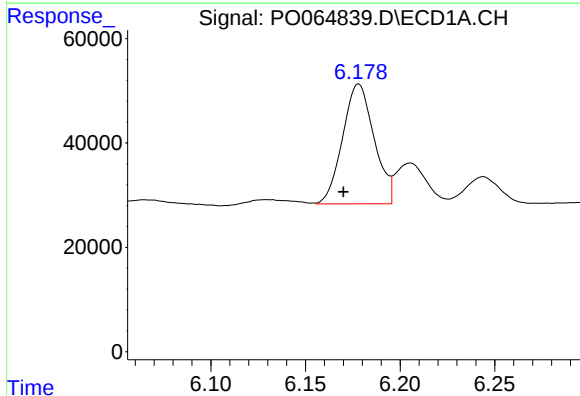
R.T.: 6.244 min
Delta R.T.: 0.010 min
Response: 64346
Conc: 51.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



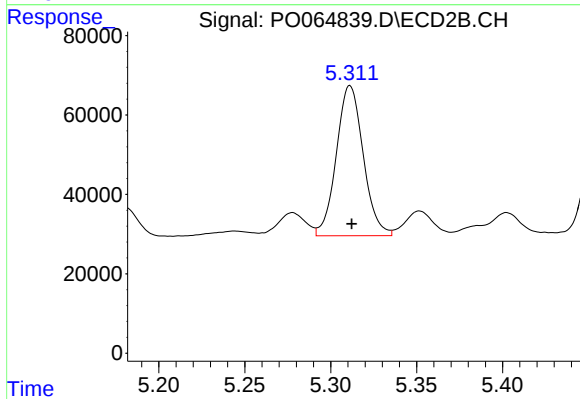
#25 AR-1248-5

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 412159
Conc: 216.81 ng/ml



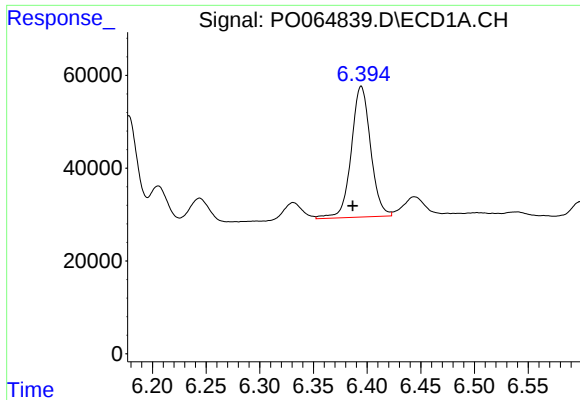
#26 AR-1254-1

R.T.: 6.178 min
Delta R.T.: 0.008 min
Response: 266607
Conc: 209.34 ng/ml



#26 AR-1254-1

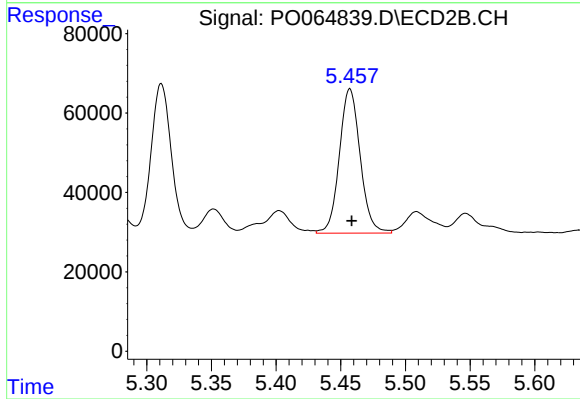
R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 412159
Conc: 202.96 ng/ml



#27 AR-1254-2

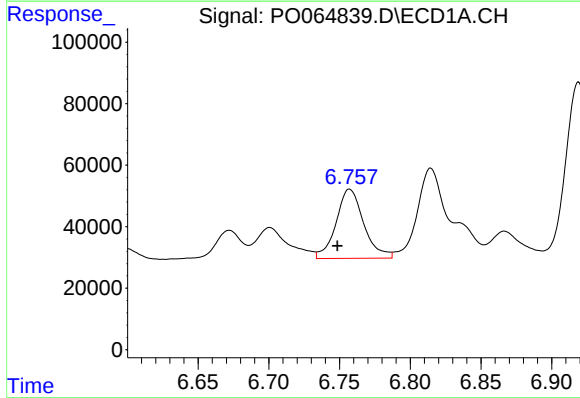
R.T.: 6.395 min
Delta R.T.: 0.008 min
Response: 353775
Conc: 170.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



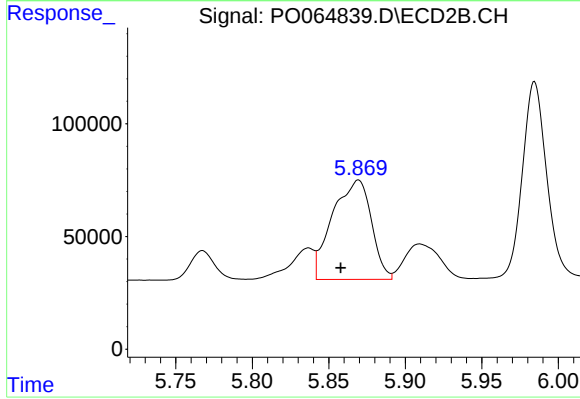
#27 AR-1254-2

R.T.: 5.457 min
Delta R.T.: -0.001 min
Response: 407800
Conc: 223.65 ng/ml



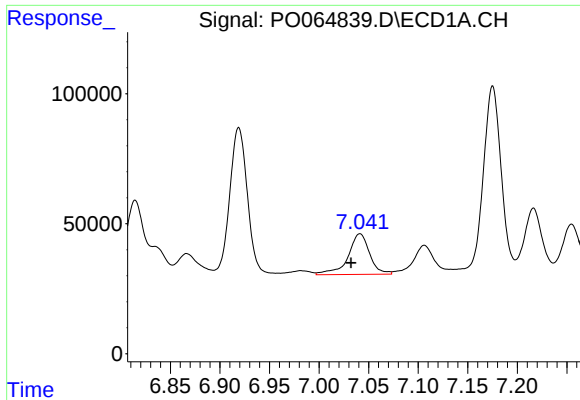
#28 AR-1254-3

R.T.: 6.757 min
Delta R.T.: 0.009 min
Response: 305617
Conc: 127.99 ng/ml



#28 AR-1254-3

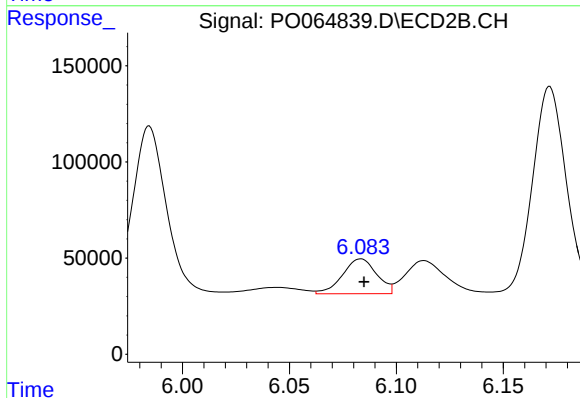
R.T.: 5.869 min
Delta R.T.: 0.012 min
Response: 778998
Conc: 250.77 ng/ml



#29 AR-1254-4

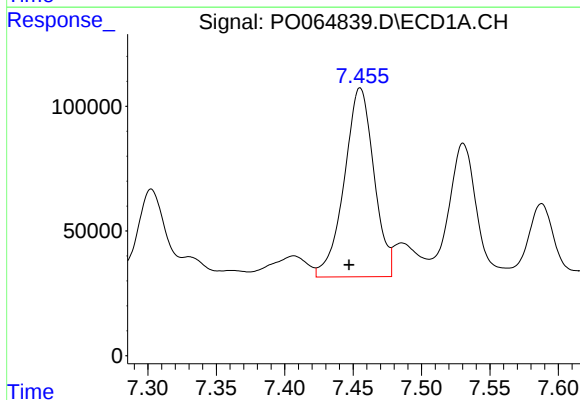
R.T.: 7.041 min
Delta R.T.: 0.009 min
Response: 237522
Conc: 127.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



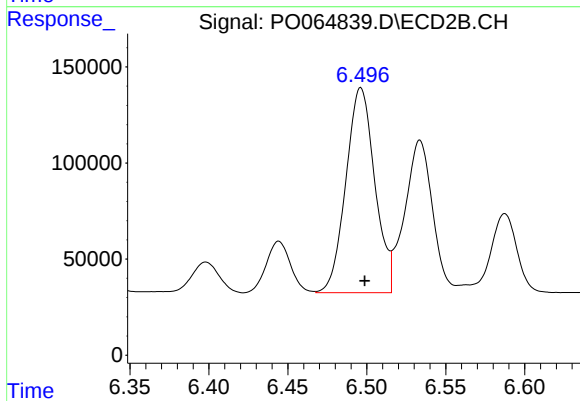
#29 AR-1254-4

R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 201972
Conc: 98.33 ng/ml



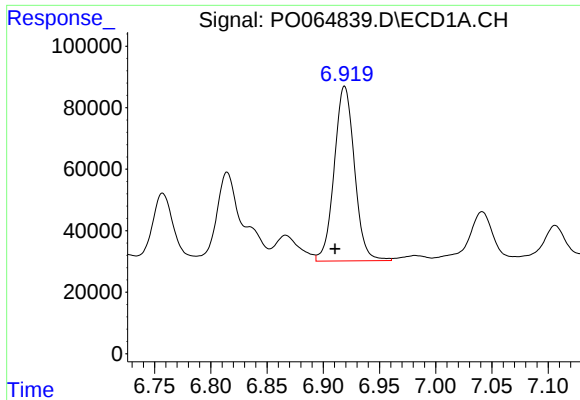
#30 AR-1254-5

R.T.: 7.455 min
Delta R.T.: 0.008 min
Response: 1142202
Conc: 542.87 ng/ml



#30 AR-1254-5

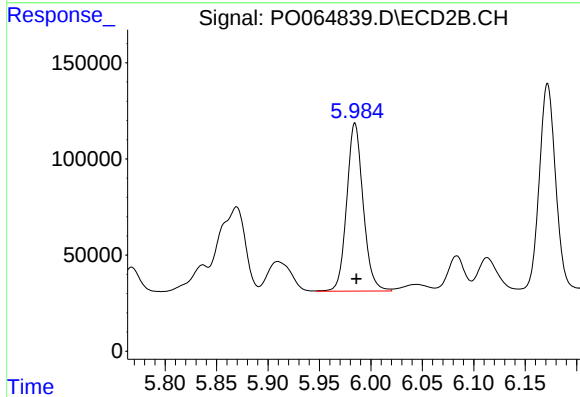
R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 1360380
Conc: 455.76 ng/ml



#31 AR-1260-1

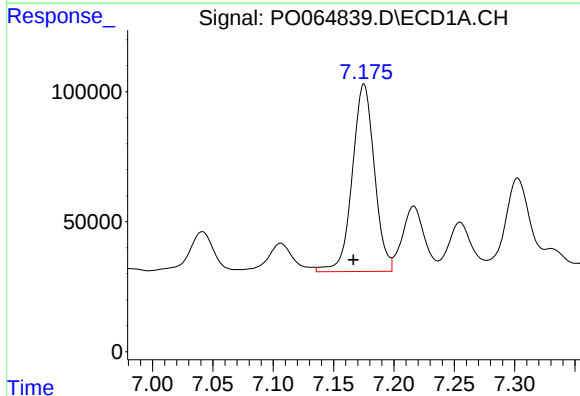
R.T.: 6.919 min
Delta R.T.: 0.008 min
Response: 712709
Conc: 463.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



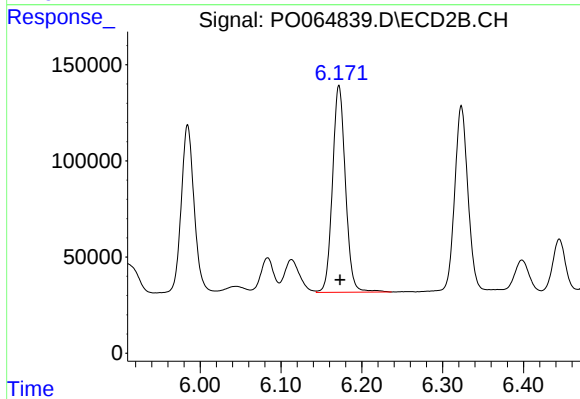
#31 AR-1260-1

R.T.: 5.985 min
Delta R.T.: -0.001 min
Response: 974246
Conc: 527.62 ng/ml



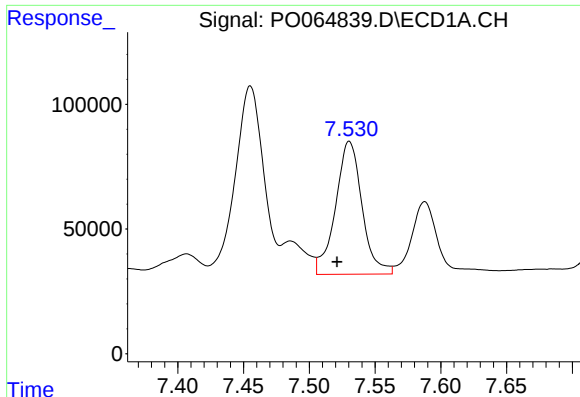
#32 AR-1260-2

R.T.: 7.175 min
Delta R.T.: 0.009 min
Response: 919528
Conc: 465.82 ng/ml



#32 AR-1260-2

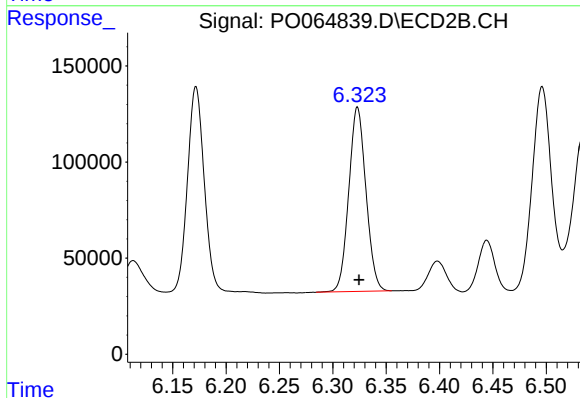
R.T.: 6.172 min
Delta R.T.: -0.001 min
Response: 1198758
Conc: 515.24 ng/ml



#33 AR-1260-3

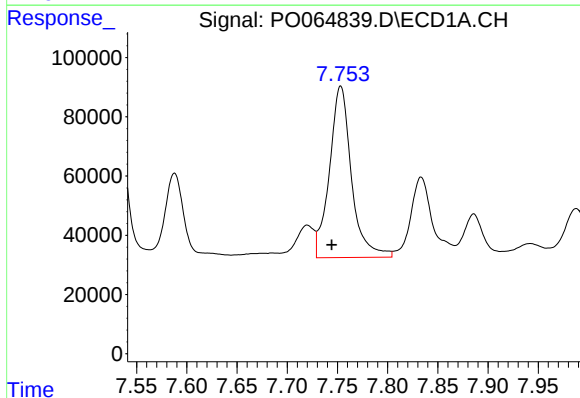
R.T.: 7.530 min
Delta R.T.: 0.009 min
Response: 748467
Conc: 498.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



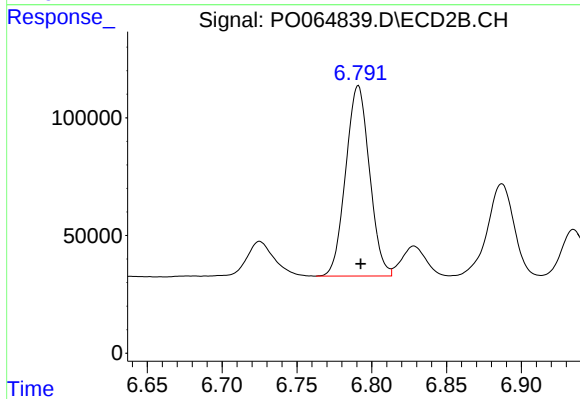
#33 AR-1260-3

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 1075583
Conc: 507.99 ng/ml



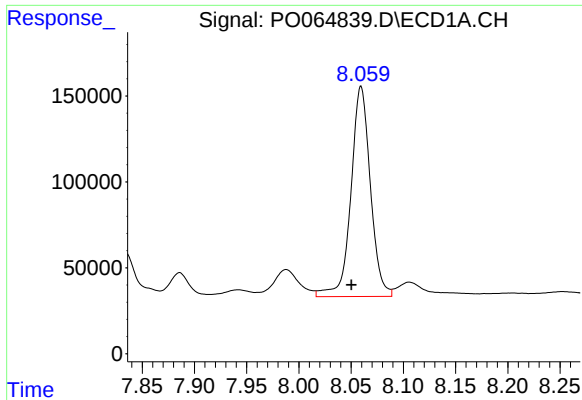
#34 AR-1260-4

R.T.: 7.753 min
Delta R.T.: 0.009 min
Response: 882799
Conc: 477.91 ng/ml



#34 AR-1260-4

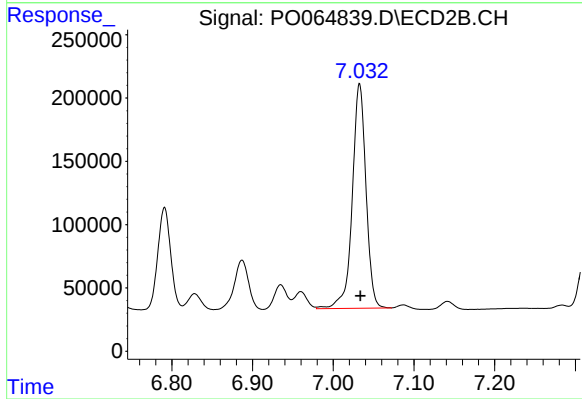
R.T.: 6.791 min
Delta R.T.: -0.002 min
Response: 895957
Conc: 475.59 ng/ml



#35 AR-1260-5

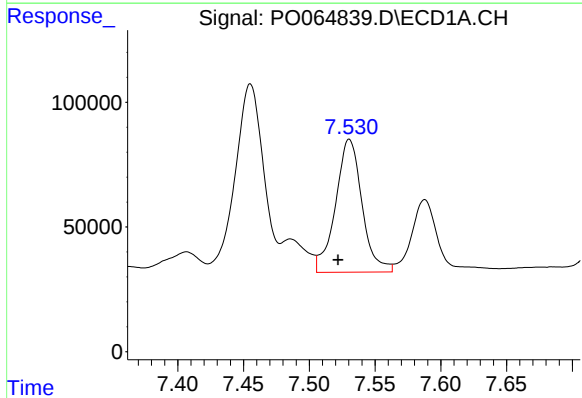
R.T.: 8.059 min
Delta R.T.: 0.009 min
Response: 1584439
Conc: 424.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



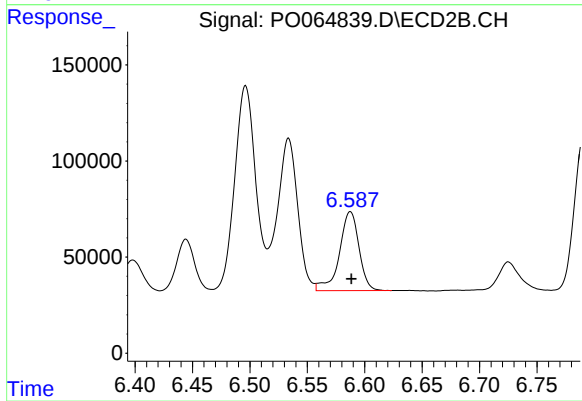
#35 AR-1260-5

R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 2095620
Conc: 446.83 ng/ml



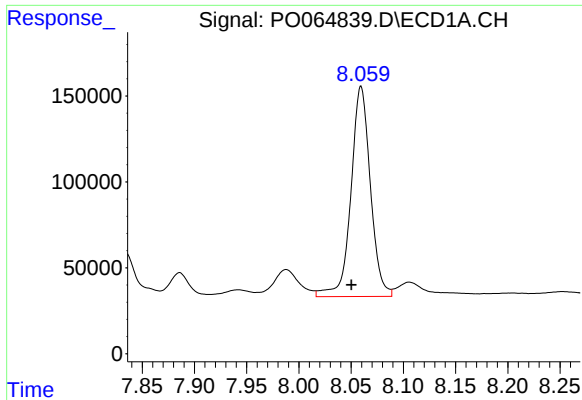
#36 AR-1262-1

R.T.: 7.530 min
Delta R.T.: 0.009 min
Response: 748467
Conc: 325.50 ng/ml



#36 AR-1262-1

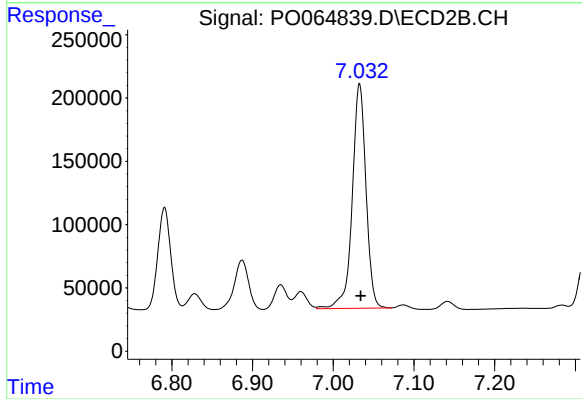
R.T.: 6.587 min
Delta R.T.: -0.001 min
Response: 491216
Conc: 428.17 ng/ml



#37 AR-1262-2

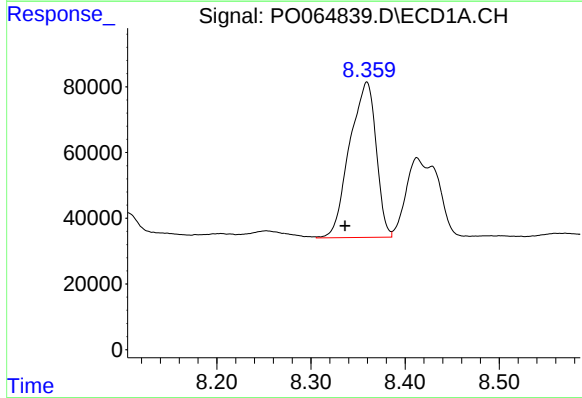
R.T.: 8.059 min
Delta R.T.: 0.009 min
Response: 1584439
Conc: 365.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



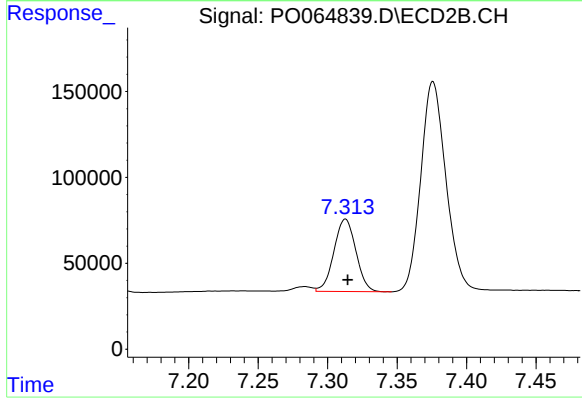
#37 AR-1262-2

R.T.: 7.033 min
Delta R.T.: -0.001 min
Response: 2095620
Conc: 383.51 ng/ml



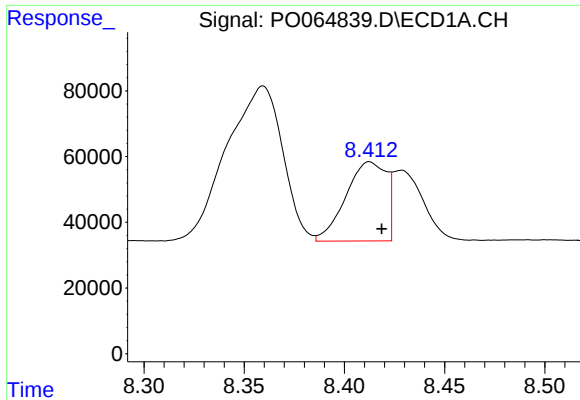
#38 AR-1262-3

R.T.: 8.359 min
Delta R.T.: 0.023 min
Response: 924713
Conc: 317.77 ng/ml



#38 AR-1262-3

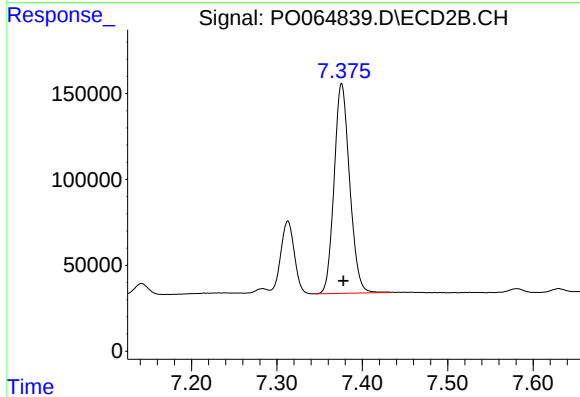
R.T.: 7.313 min
Delta R.T.: -0.002 min
Response: 465161
Conc: 223.33 ng/ml



#39 AR-1262-4

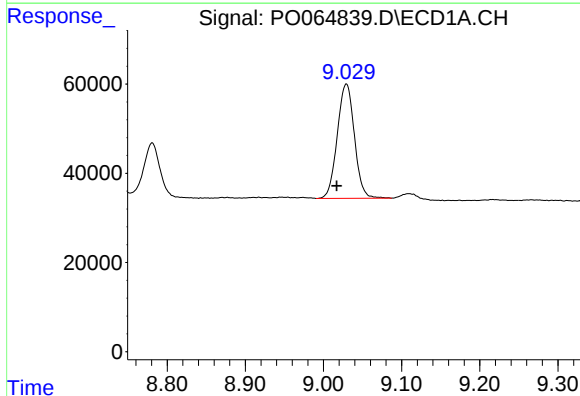
R.T.: 8.413 min
Delta R.T.: -0.006 min
Response: 340098
Conc: 157.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



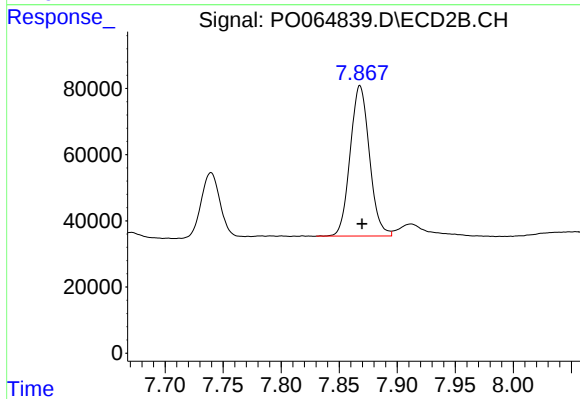
#39 AR-1262-4

R.T.: 7.376 min
Delta R.T.: -0.002 min
Response: 1540389
Conc: 386.93 ng/ml



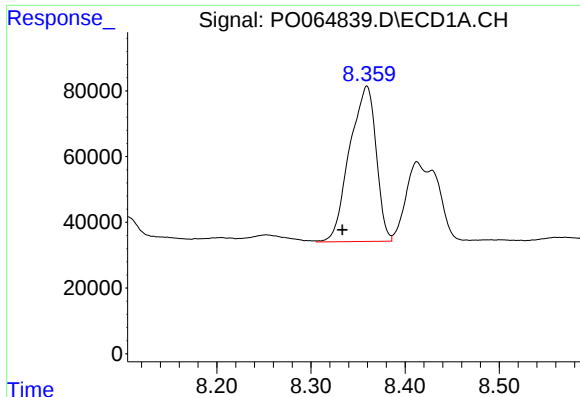
#40 AR-1262-5

R.T.: 9.029 min
Delta R.T.: 0.012 min
Response: 390770
Conc: 266.40 ng/ml



#40 AR-1262-5

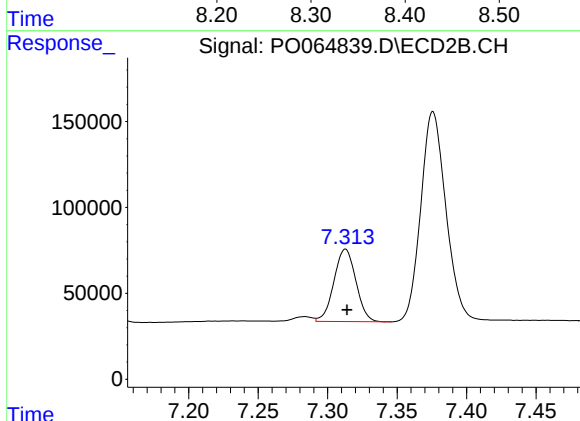
R.T.: 7.868 min
Delta R.T.: -0.002 min
Response: 525927
Conc: 301.64 ng/ml



#41 AR-1268-1

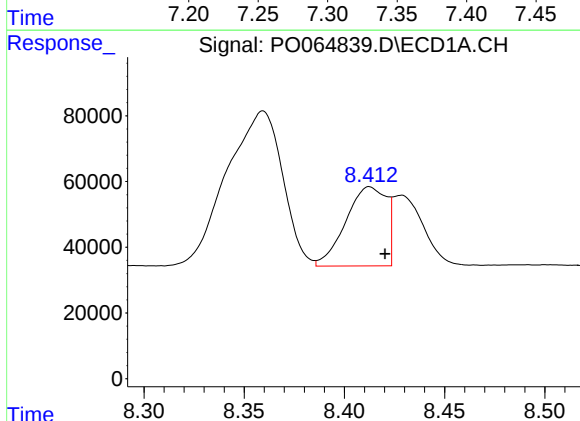
R.T.: 8.359 min
Delta R.T.: 0.026 min
Response: 924713
Conc: 178.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



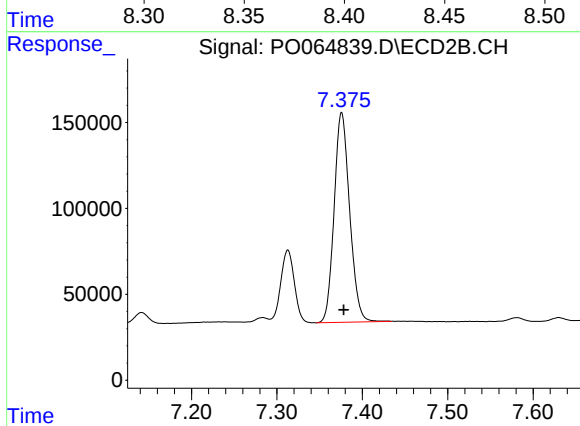
#41 AR-1268-1

R.T.: 7.313 min
Delta R.T.: -0.001 min
Response: 465161
Conc: 72.74 ng/ml



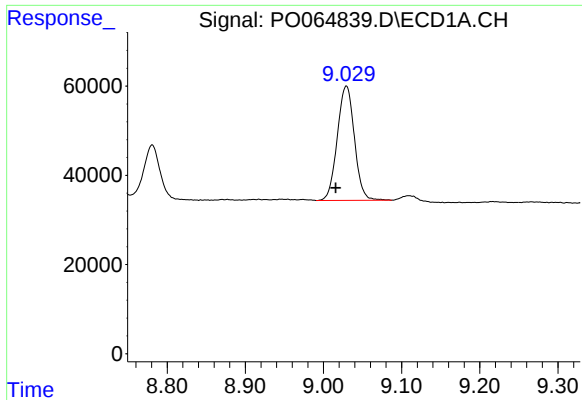
#42 AR-1268-2

R.T.: 8.413 min
Delta R.T.: -0.008 min
Response: 340098
Conc: 72.32 ng/ml



#42 AR-1268-2

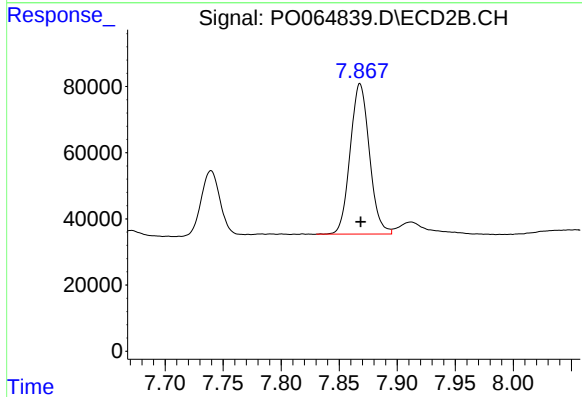
R.T.: 7.376 min
Delta R.T.: -0.002 min
Response: 1540389
Conc: 264.29 ng/ml



#44 AR-1268-4

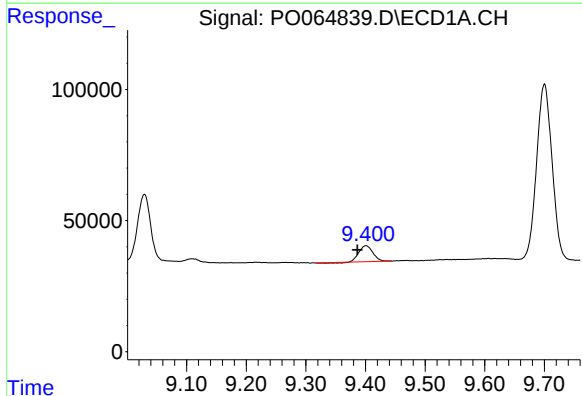
R.T.: 9.029 min
Delta R.T.: 0.014 min
Response: 390770
Conc: 232.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



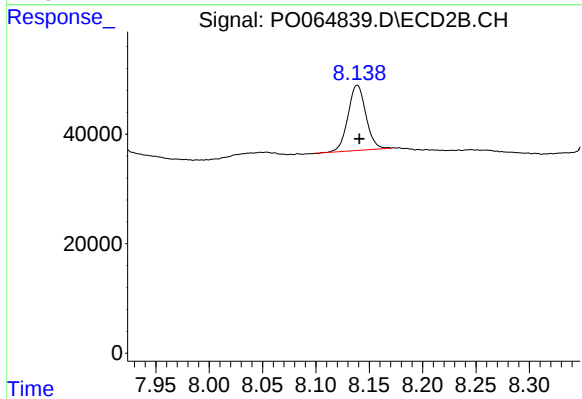
#44 AR-1268-4

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 525927
Conc: 261.28 ng/ml



#45 AR-1268-5

R.T.: 9.401 min
Delta R.T.: 0.014 min
Response: 97423
Conc: 8.21 ng/ml



#45 AR-1268-5

R.T.: 8.139 min
Delta R.T.: -0.002 min
Response: 139128
Conc: 9.62 ng/ml