

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022321\
 Data File : P0075660.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Feb 2021 9:26
 Operator : AJ/MA
 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: Feb 24 08:47:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 23 07:07:50 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...	4.944	3.962	3500008	2236567	53.135	54.007
2)	SA Decachlor...	11.008	9.257	2877496	2541600	48.959	52.264
Target Compounds							
3)	L1 AR-1016-1	6.265	5.216	1285323	890641	528.944	525.535
4)	L1 AR-1016-2	6.289	5.236	1786945	1248393	531.120	528.349
5)	L1 AR-1016-3	6.354	5.427	1127492	671586	538.230	534.422
6)	L1 AR-1016-4	6.462	5.480	931662	564652	540.487	537.164
7)	L1 AR-1016-5	6.778	5.707	946079	667309	536.937	510.673
8)	L2 AR-1221-1	5.190	4.217	134199	81704	170.489	154.778
9)	L2 AR-1221-2	5.293	4.317	200127	120078	335.837	305.150
10)	L2 AR-1221-3	5.380	4.406	677482	451705	382.319	377.157
11)	L3 AR-1232-1	5.380	4.406	677482	451705	460.328	458.213
12)	L3 AR-1232-2	5.970	5.236	918279	1248393	1179.846	1198.271
13)	L3 AR-1232-3	6.289	5.427	1786945	671586	1210.657	1204.753
14)	L3 AR-1232-4	6.462	5.524	931662	661003	1244.425	1344.833
15)	L3 AR-1232-5	6.560	5.707	767891	667309	1457.911	1238.193
16)	L4 AR-1242-1	6.265	5.216	1285323	890641	649.226	648.273
17)	L4 AR-1242-2	6.289	5.236	1786945	1248393	649.182	654.517
18)	L4 AR-1242-3	6.354	5.427	1127492	671586	645.200	661.878
19)	L4 AR-1242-4	6.462	5.524	931662	661003	655.494	663.538
20)	L4 AR-1242-5	7.247	6.087	192896	528404	123.421	399.033 #
21)	L5 AR-1248-1	6.265	5.216	1285323	890641	849.815	870.219
22)	L5 AR-1248-2	6.560	5.480	767891	564652	384.546	390.671
23)	L5 AR-1248-3	6.778	5.524	946079	661003	403.999	449.813
24)	L5 AR-1248-4	7.207	5.707	253465	667309	93.946	381.292 #
25)	L5 AR-1248-5	7.247	6.129	192896	90758	72.612	49.035 #
26)	L6 AR-1254-1	7.177	6.087	723062	528404	275.520	194.176 #
27)	L6 AR-1254-2	7.407	6.246	699410	484950	171.123	202.897
28)	L6 AR-1254-3	7.791	6.686f	511266	1052404	115.403	269.255 #
29)	L6 AR-1254-4	8.087	6.904	457060	177890	140.404	68.441 #
30)	L6 AR-1254-5	8.520	7.334	2255070	1775872	644.225	499.966
31)	L7 AR-1260-1	7.959	6.803	1698460	1327607	564.026	539.156
32)	L7 AR-1260-2	8.226	7.001	1966530	1589579	550.780	515.594
33)	L7 AR-1260-3	8.594	7.155	1480738	1440993	540.034	511.119
34)	L7 AR-1260-4	8.827	7.639	1722321	1258439	528.147	519.694
35)	L7 AR-1260-5	9.159	7.886	3235328	3103794	512.518	526.428
36)	L8 AR-1262-1	8.594	7.334	1480738	1775872	371.035	870.706 #
37)	L8 AR-1262-2	9.159	7.886	3235328	3103794	457.344	463.032
38)	L8 AR-1262-3	0.000	8.174	0	760569	N.D.	272.683 #
39)	L8 AR-1262-4	9.552	8.236	1341212	2296882	370.009	454.731
40)	L8 AR-1262-5	10.245f	8.734	1014022	908426	388.340	379.013
41)	L9 AR-1268-1	0.000	8.174	0	760569	N.D.	98.613 #

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 Acq On : 23 Feb 2021 9:26
 Operator : AJ/MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

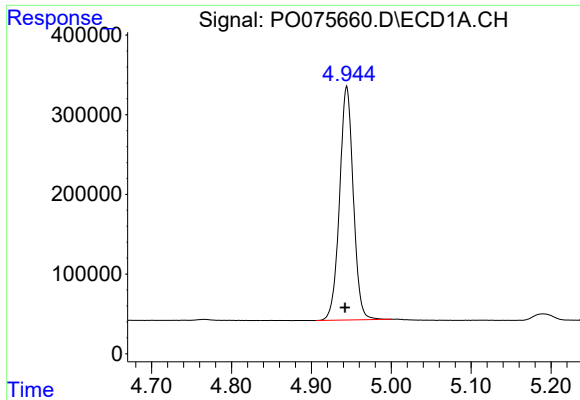
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 24 08:47:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022221.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.552	8.236	1341212	2296882	183.105	327.434 #
43) L9	AR-1268-3	9.800	8.448	46623	41525	7.499	6.892
44) L9	AR-1268-4	10.245f	8.734	1014022	908426	354.103	343.843
45) L9	AR-1268-5	10.667f	9.012	275933	253286	13.416	13.353

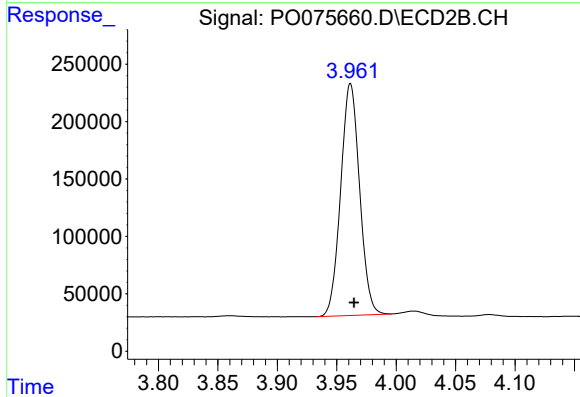
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

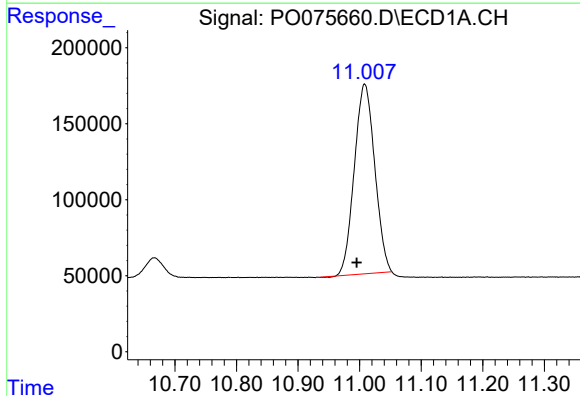
R.T.: 4.944 min
Delta R.T.: 0.002 min
Response: 3500008
Conc: 53.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



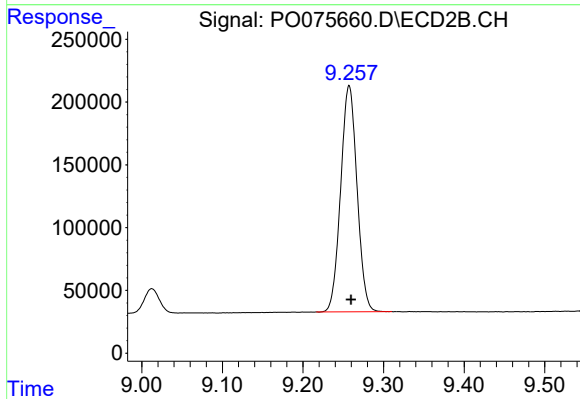
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: -0.003 min
Response: 2236567
Conc: 54.01 ng/ml



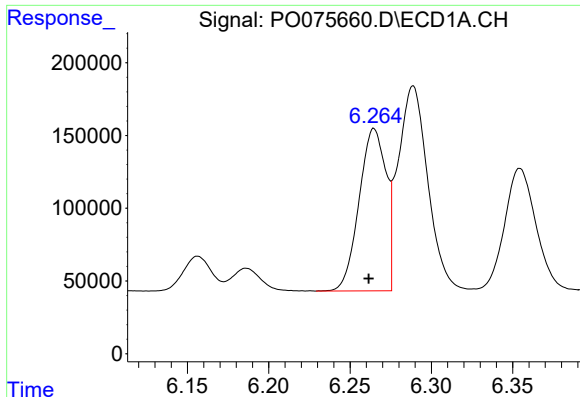
#2 Decachlorobiphenyl

R.T.: 11.008 min
Delta R.T.: 0.013 min
Response: 2877496
Conc: 48.96 ng/ml



#2 Decachlorobiphenyl

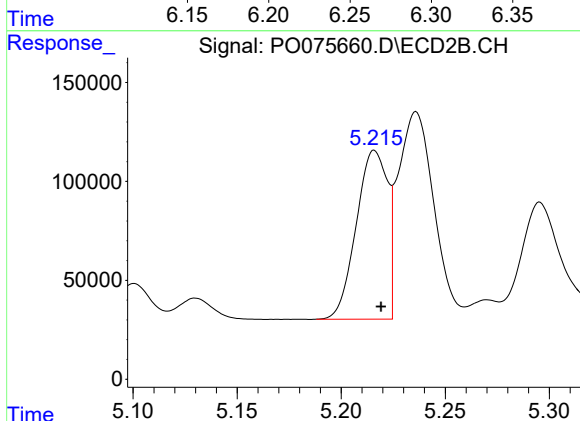
R.T.: 9.257 min
Delta R.T.: -0.002 min
Response: 2541600
Conc: 52.26 ng/ml



#3 AR-1016-1

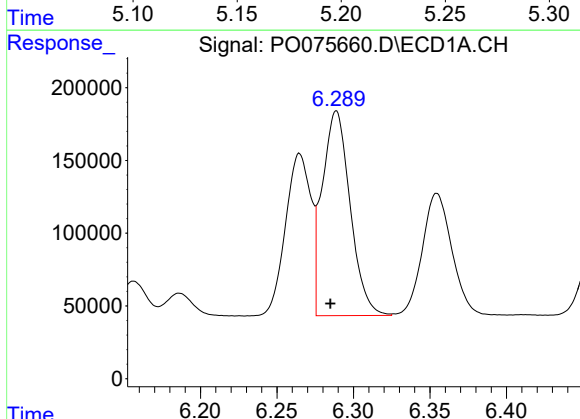
R.T.: 6.265 min
Delta R.T.: 0.003 min
Response: 1285323
Conc: 528.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



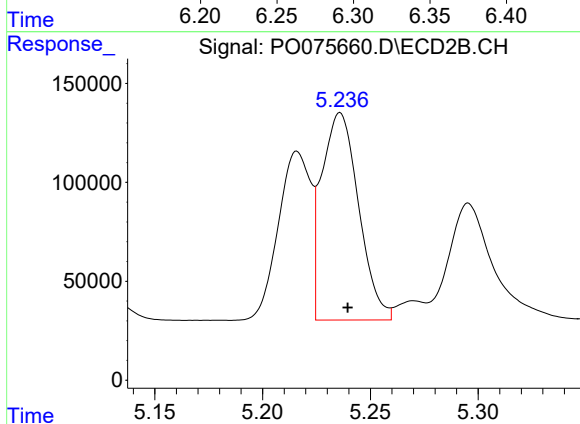
#3 AR-1016-1

R.T.: 5.216 min
Delta R.T.: -0.003 min
Response: 890641
Conc: 525.54 ng/ml



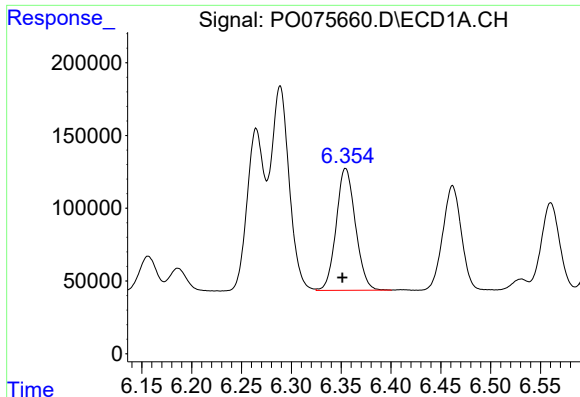
#4 AR-1016-2

R.T.: 6.289 min
Delta R.T.: 0.004 min
Response: 1786945
Conc: 531.12 ng/ml



#4 AR-1016-2

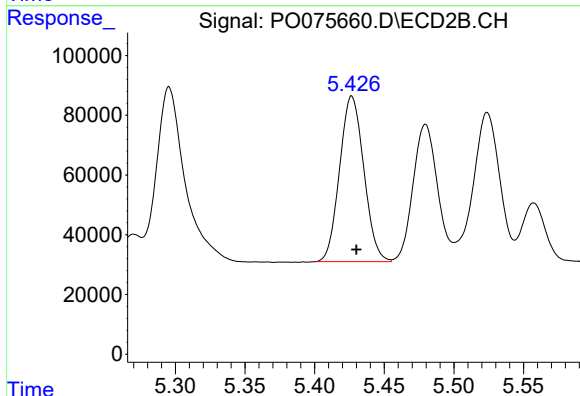
R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 1248393
Conc: 528.35 ng/ml



#5 AR-1016-3

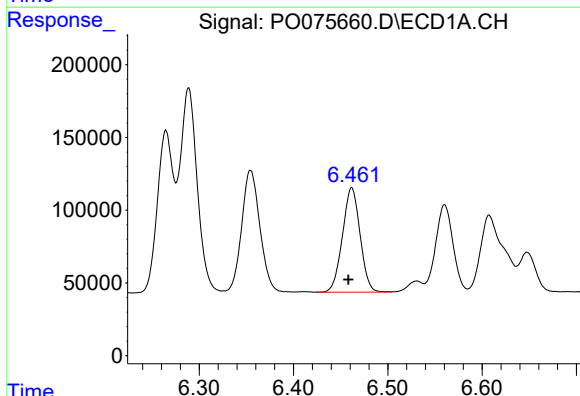
R.T.: 6.354 min
Delta R.T.: 0.003 min
Response: 1127492
Conc: 538.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



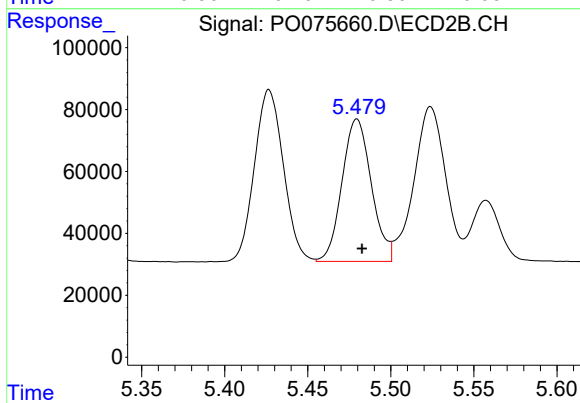
#5 AR-1016-3

R.T.: 5.427 min
Delta R.T.: -0.003 min
Response: 671586
Conc: 534.42 ng/ml



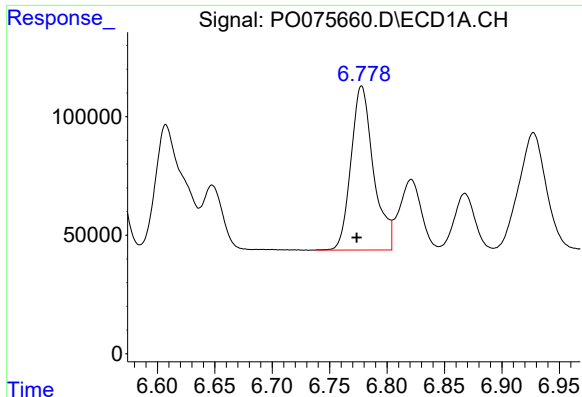
#6 AR-1016-4

R.T.: 6.462 min
Delta R.T.: 0.003 min
Response: 931662
Conc: 540.49 ng/ml



#6 AR-1016-4

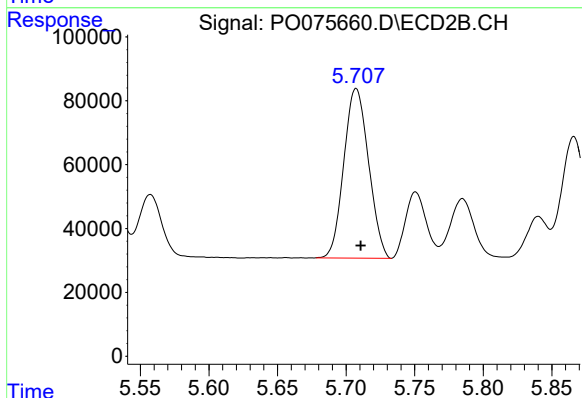
R.T.: 5.480 min
Delta R.T.: -0.003 min
Response: 564652
Conc: 537.16 ng/ml



#7 AR-1016-5

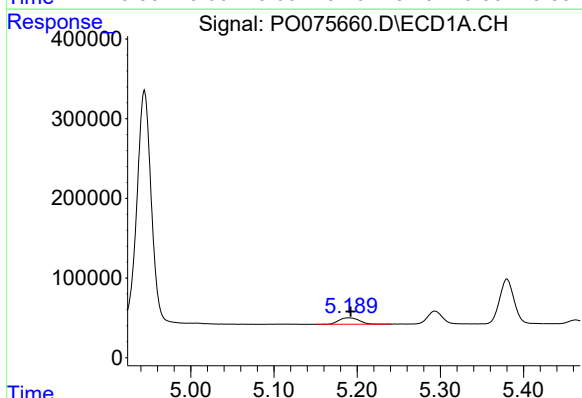
R.T.: 6.778 min
Delta R.T.: 0.004 min
Response: 946079
Conc: 536.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



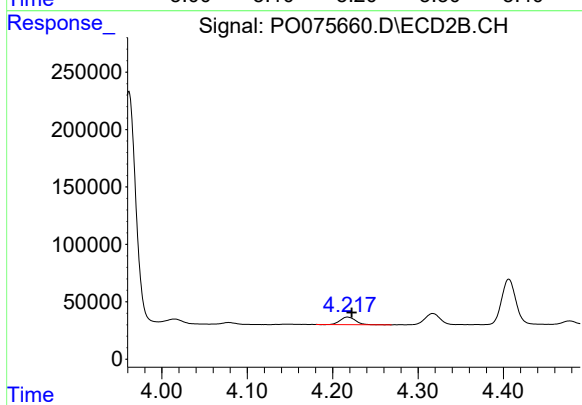
#7 AR-1016-5

R.T.: 5.707 min
Delta R.T.: -0.003 min
Response: 667309
Conc: 510.67 ng/ml



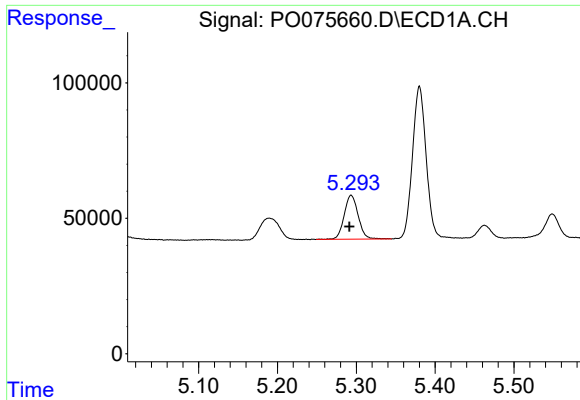
#8 AR-1221-1

R.T.: 5.190 min
Delta R.T.: -0.003 min
Response: 134199
Conc: 170.49 ng/ml



#8 AR-1221-1

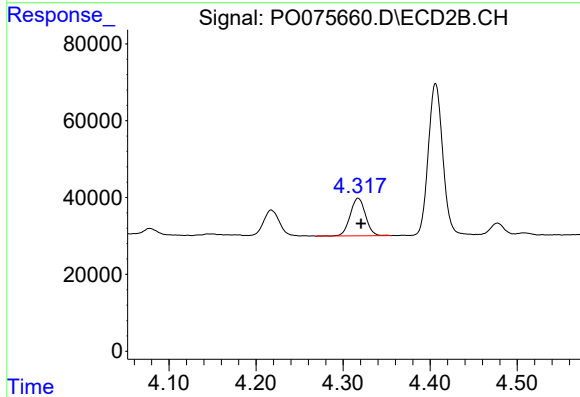
R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 81704
Conc: 154.78 ng/ml



#9 AR-1221-2

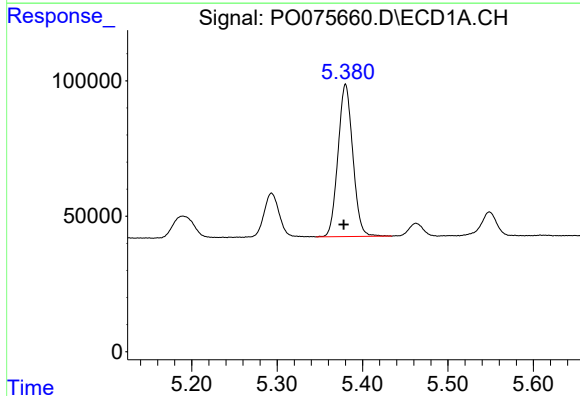
R.T.: 5.293 min
Delta R.T.: 0.002 min
Response: 200127
Conc: 335.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



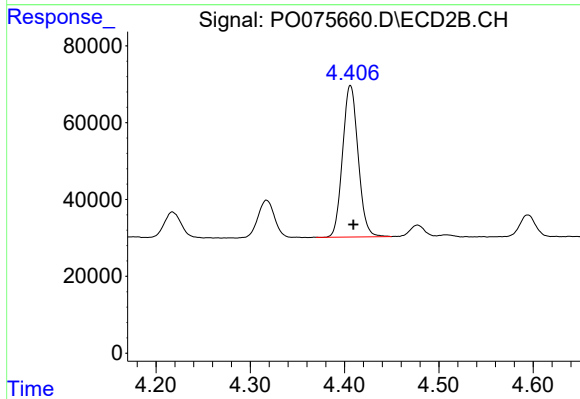
#9 AR-1221-2

R.T.: 4.317 min
Delta R.T.: -0.003 min
Response: 120078
Conc: 305.15 ng/ml



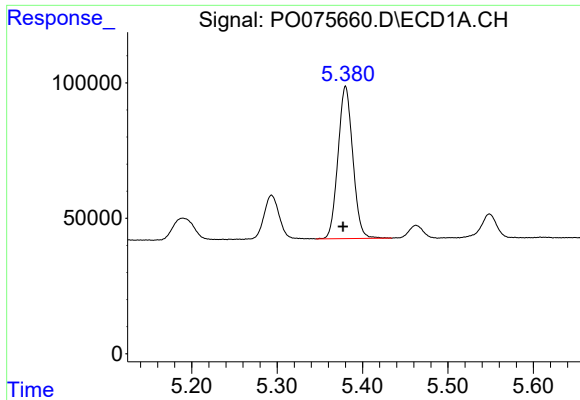
#10 AR-1221-3

R.T.: 5.380 min
Delta R.T.: 0.002 min
Response: 677482
Conc: 382.32 ng/ml



#10 AR-1221-3

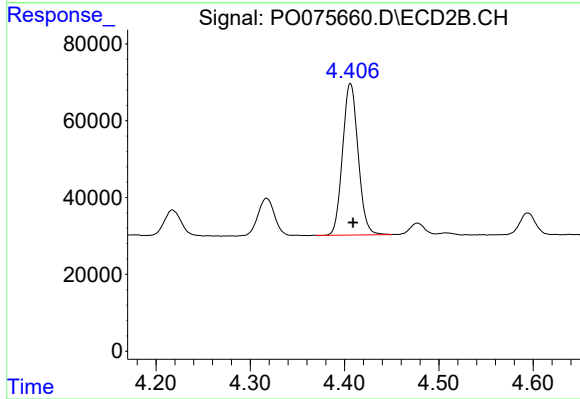
R.T.: 4.406 min
Delta R.T.: -0.003 min
Response: 451705
Conc: 377.16 ng/ml



#11 AR-1232-1

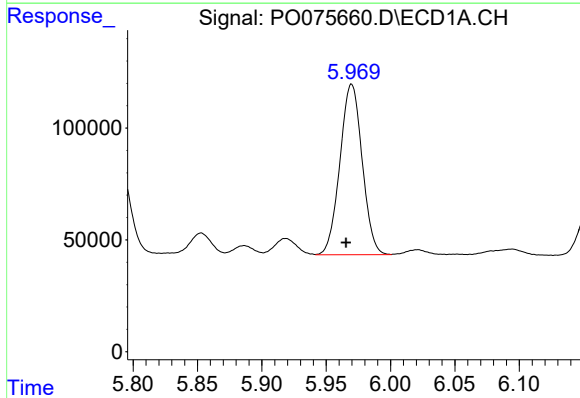
R.T.: 5.380 min
Delta R.T.: 0.003 min
Response: 677482
Conc: 460.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



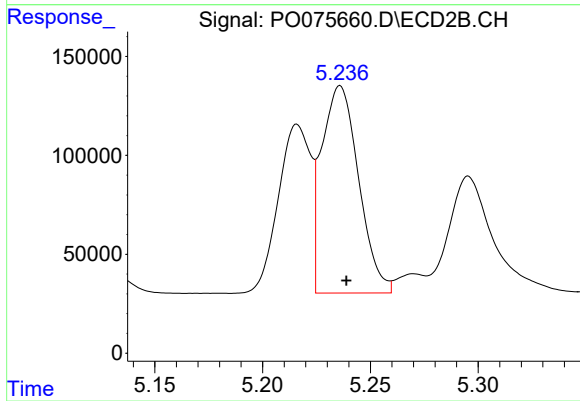
#11 AR-1232-1

R.T.: 4.406 min
Delta R.T.: -0.003 min
Response: 451705
Conc: 458.21 ng/ml



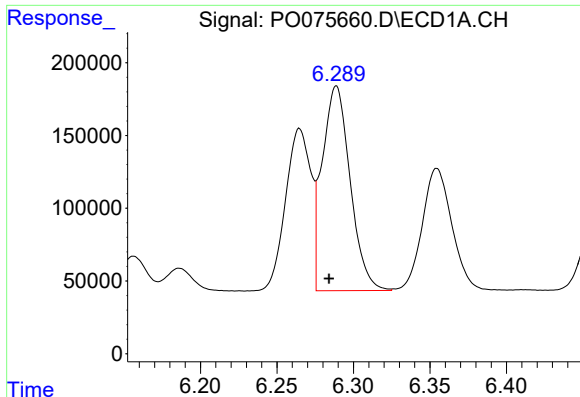
#12 AR-1232-2

R.T.: 5.970 min
Delta R.T.: 0.004 min
Response: 918279
Conc: 1179.85 ng/ml



#12 AR-1232-2

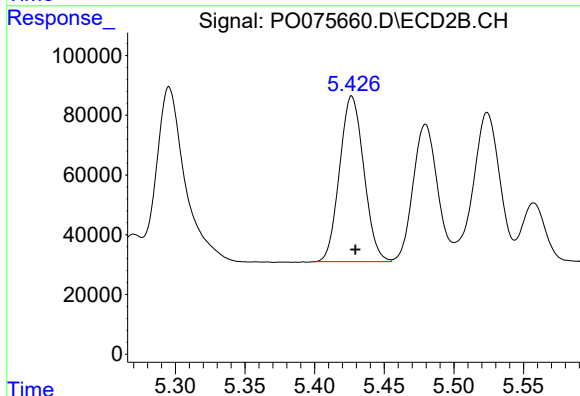
R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 1248393
Conc: 1198.27 ng/ml



#13 AR-1232-3

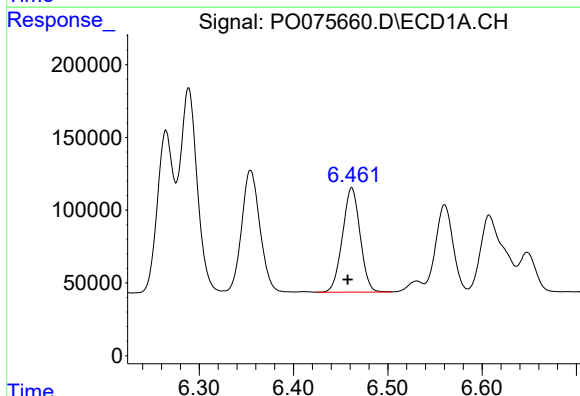
R.T.: 6.289 min
Delta R.T.: 0.005 min
Response: 1786945
Conc: 1210.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



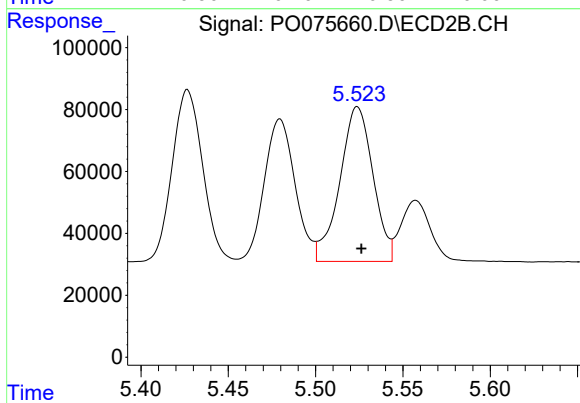
#13 AR-1232-3

R.T.: 5.427 min
Delta R.T.: -0.002 min
Response: 671586
Conc: 1204.75 ng/ml



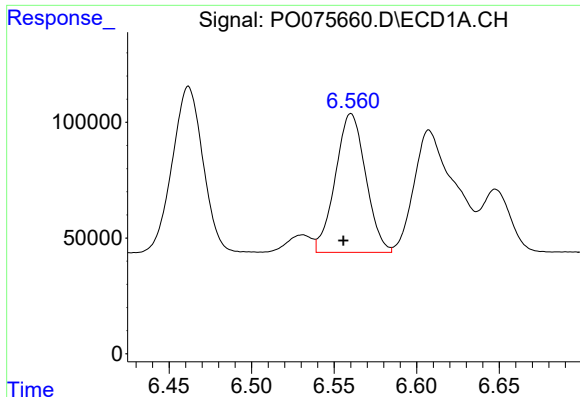
#14 AR-1232-4

R.T.: 6.462 min
Delta R.T.: 0.004 min
Response: 931662
Conc: 1244.43 ng/ml



#14 AR-1232-4

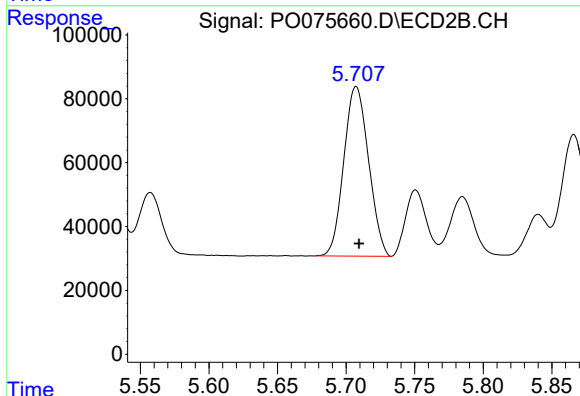
R.T.: 5.524 min
Delta R.T.: -0.002 min
Response: 661003
Conc: 1344.83 ng/ml



#15 AR-1232-5

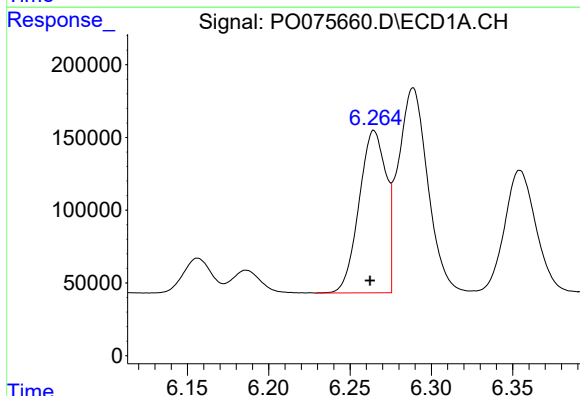
R.T.: 6.560 min
Delta R.T.: 0.005 min
Response: 767891
Conc: 1457.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



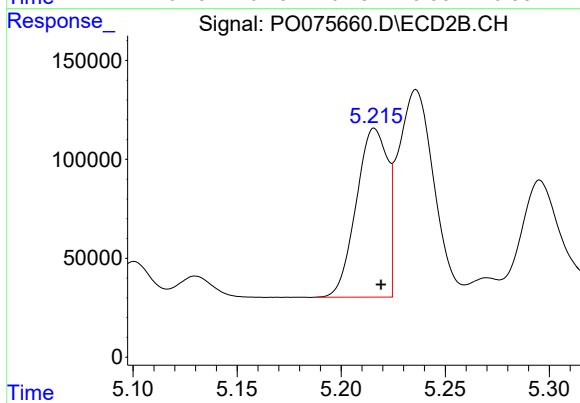
#15 AR-1232-5

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 667309
Conc: 1238.19 ng/ml



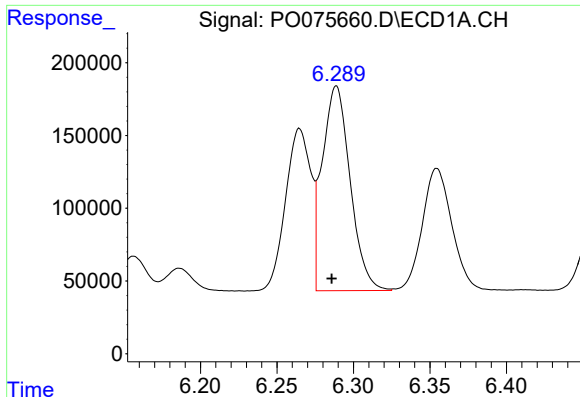
#16 AR-1242-1

R.T.: 6.265 min
Delta R.T.: 0.002 min
Response: 1285323
Conc: 649.23 ng/ml



#16 AR-1242-1

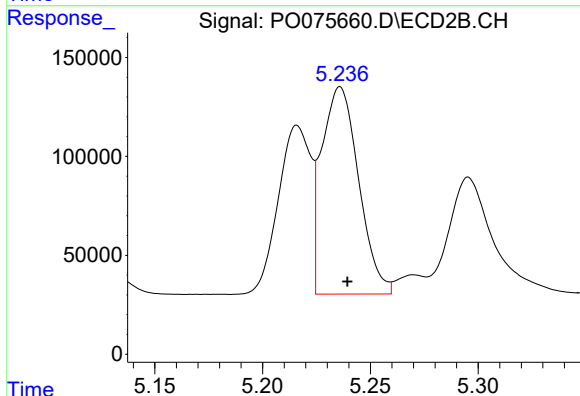
R.T.: 5.216 min
Delta R.T.: -0.003 min
Response: 890641
Conc: 648.27 ng/ml



#17 AR-1242-2

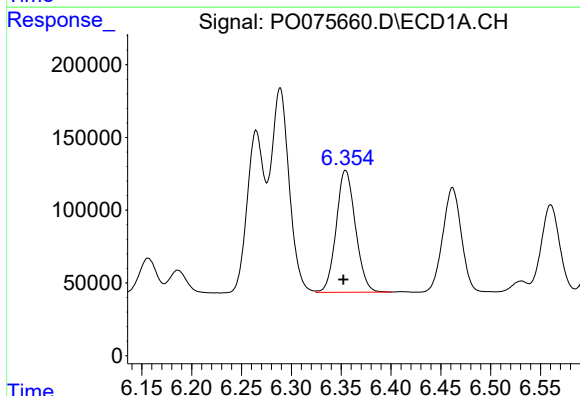
R.T.: 6.289 min
Delta R.T.: 0.003 min
Response: 1786945
Conc: 649.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



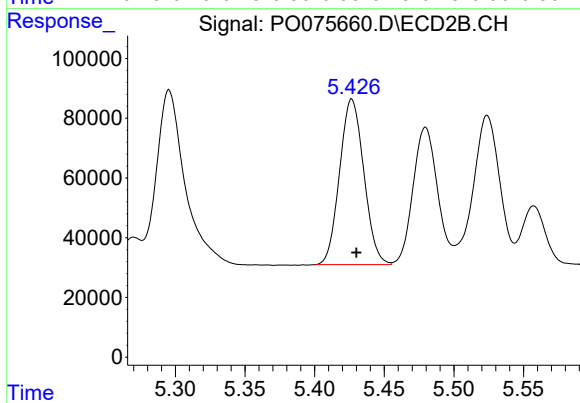
#17 AR-1242-2

R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 1248393
Conc: 654.52 ng/ml



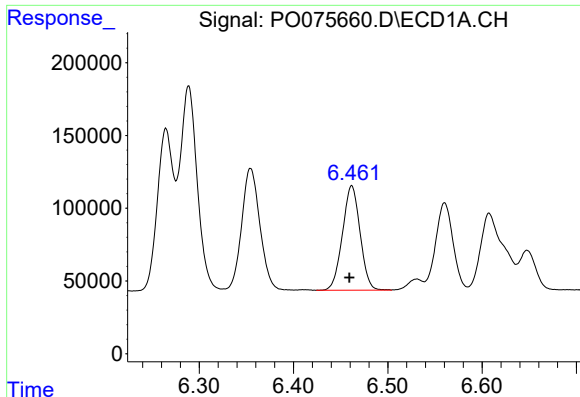
#18 AR-1242-3

R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 1127492
Conc: 645.20 ng/ml



#18 AR-1242-3

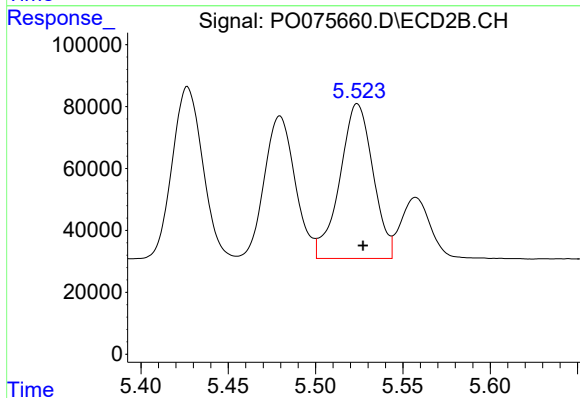
R.T.: 5.427 min
Delta R.T.: -0.003 min
Response: 671586
Conc: 661.88 ng/ml



#19 AR-1242-4

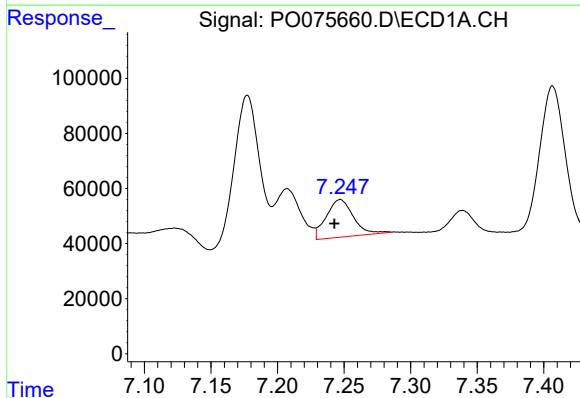
R.T.: 6.462 min
Delta R.T.: 0.003 min
Response: 931662
Conc: 655.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



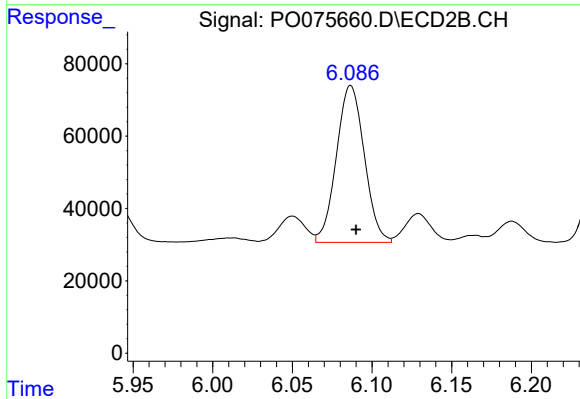
#19 AR-1242-4

R.T.: 5.524 min
Delta R.T.: -0.003 min
Response: 661003
Conc: 663.54 ng/ml



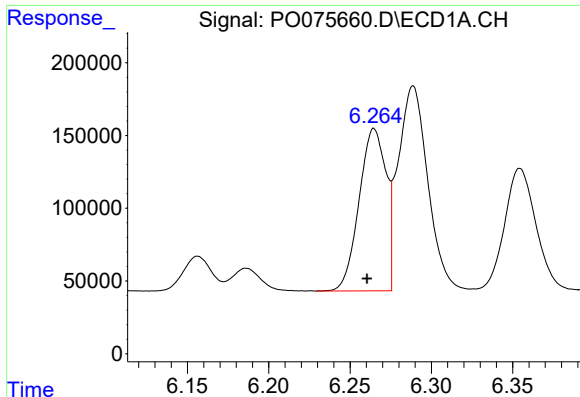
#20 AR-1242-5

R.T.: 7.247 min
Delta R.T.: 0.004 min
Response: 192896
Conc: 123.42 ng/ml



#20 AR-1242-5

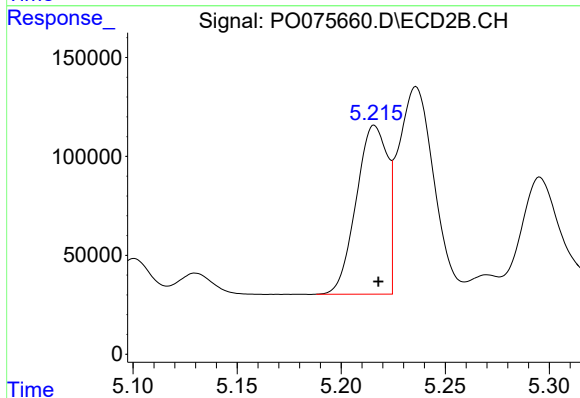
R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 528404
Conc: 399.03 ng/ml



#21 AR-1248-1

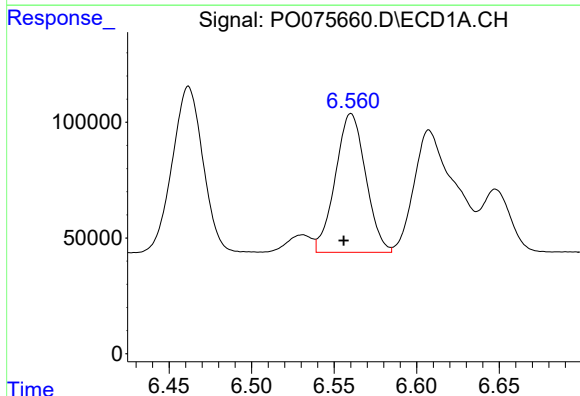
R.T.: 6.265 min
Delta R.T.: 0.004 min
Response: 1285323
Conc: 849.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



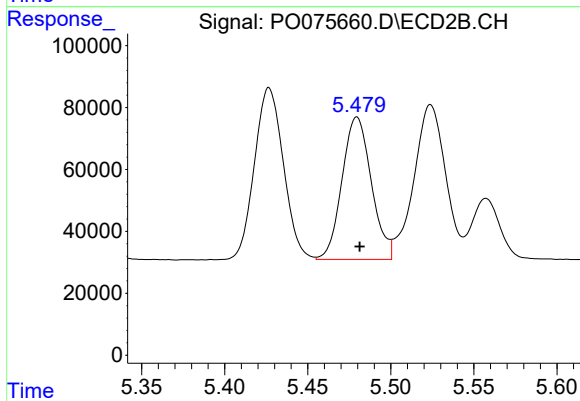
#21 AR-1248-1

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 890641
Conc: 870.22 ng/ml



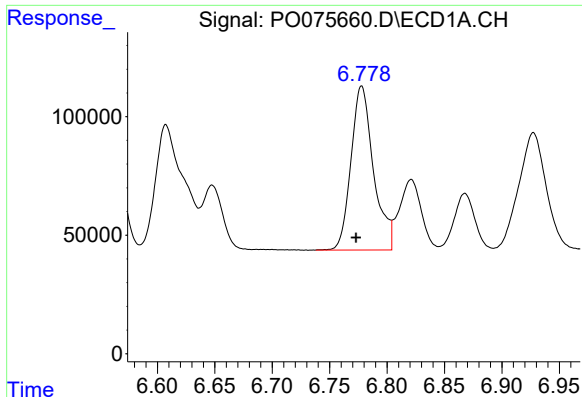
#22 AR-1248-2

R.T.: 6.560 min
Delta R.T.: 0.004 min
Response: 767891
Conc: 384.55 ng/ml



#22 AR-1248-2

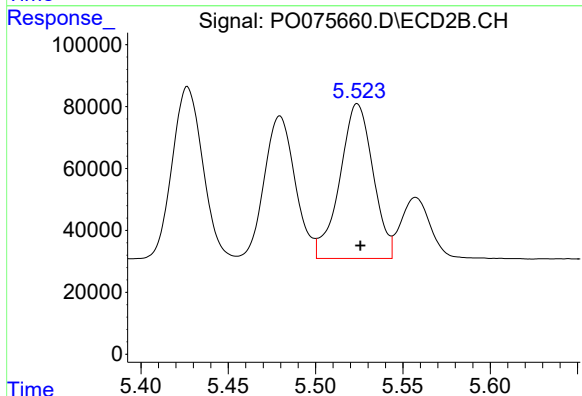
R.T.: 5.480 min
Delta R.T.: -0.002 min
Response: 564652
Conc: 390.67 ng/ml



#23 AR-1248-3

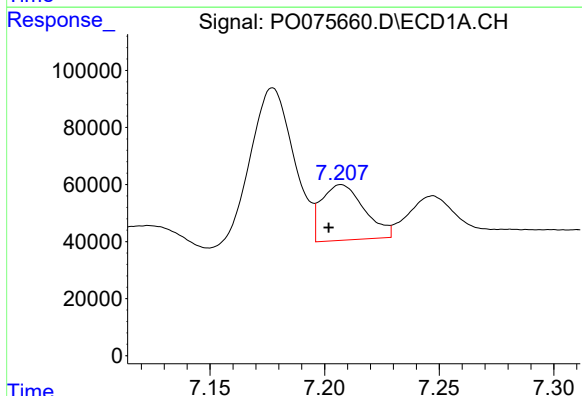
R.T.: 6.778 min
Delta R.T.: 0.005 min
Response: 946079
Conc: 404.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



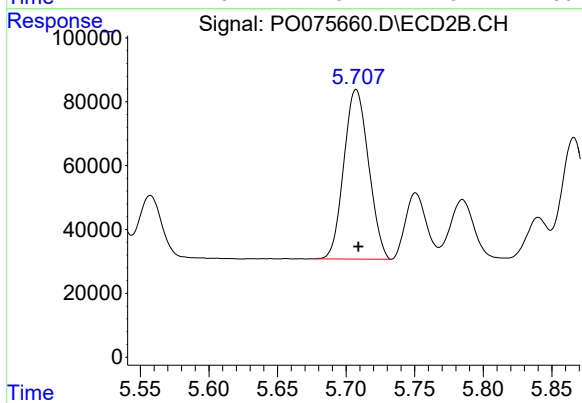
#23 AR-1248-3

R.T.: 5.524 min
Delta R.T.: -0.002 min
Response: 661003
Conc: 449.81 ng/ml



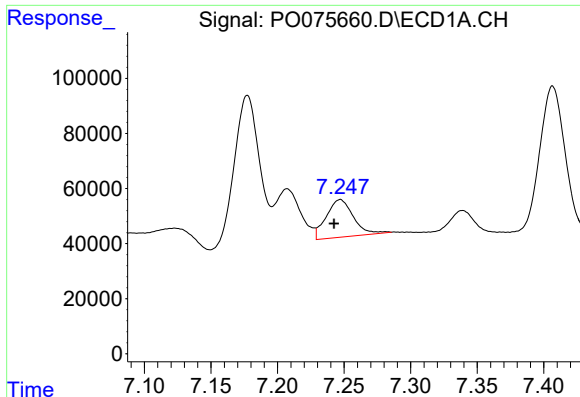
#24 AR-1248-4

R.T.: 7.207 min
Delta R.T.: 0.005 min
Response: 253465
Conc: 93.95 ng/ml



#24 AR-1248-4

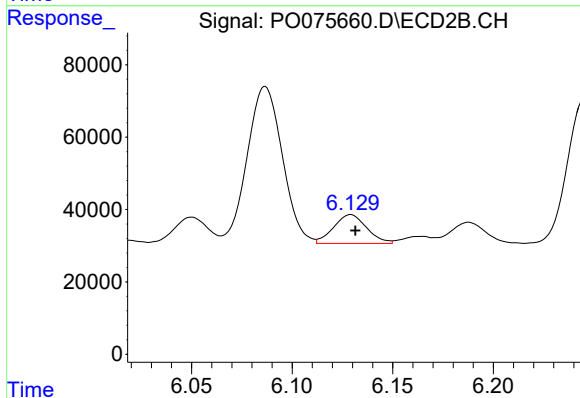
R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 667309
Conc: 381.29 ng/ml



#25 AR-1248-5

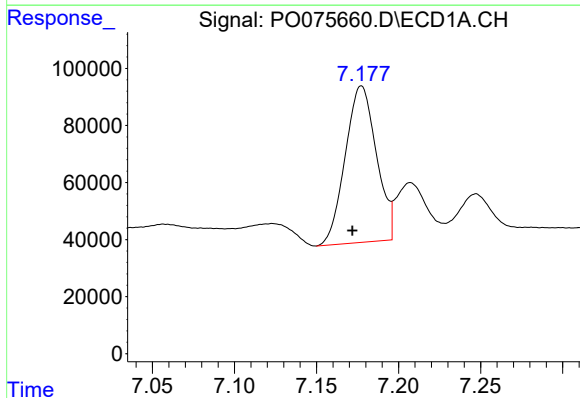
R.T.: 7.247 min
Delta R.T.: 0.004 min
Response: 192896
Conc: 72.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



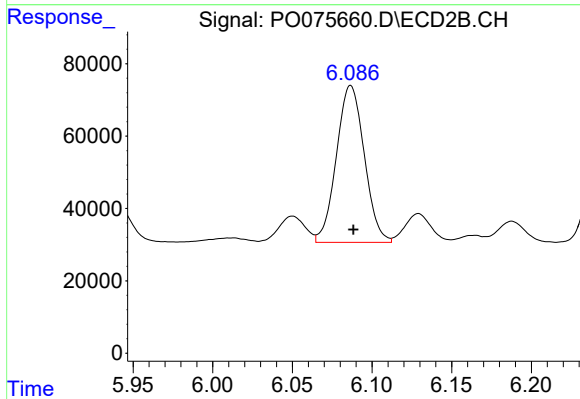
#25 AR-1248-5

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 90758
Conc: 49.03 ng/ml



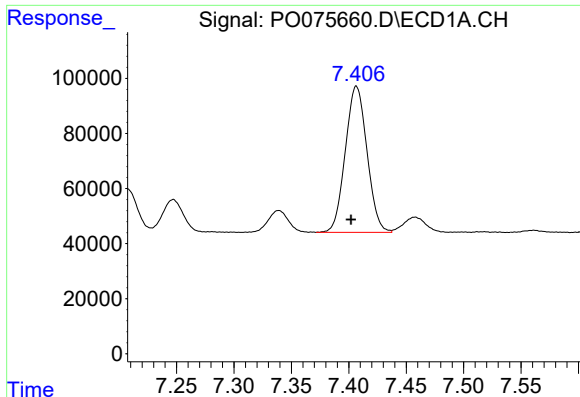
#26 AR-1254-1

R.T.: 7.177 min
Delta R.T.: 0.006 min
Response: 723062
Conc: 275.52 ng/ml



#26 AR-1254-1

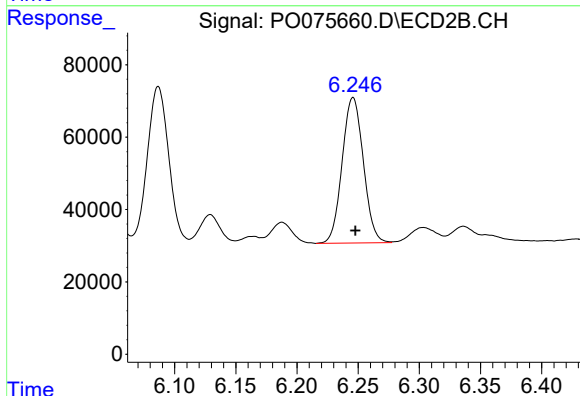
R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 528404
Conc: 194.18 ng/ml



#27 AR-1254-2

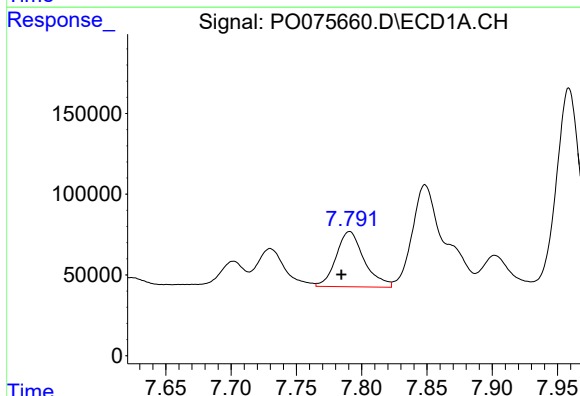
R.T.: 7.407 min
Delta R.T.: 0.005 min
Response: 699410
Conc: 171.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



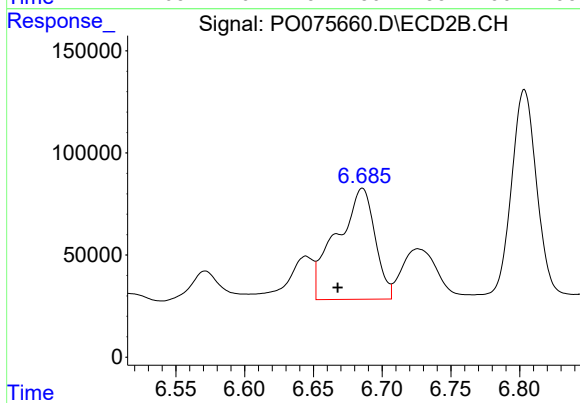
#27 AR-1254-2

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 484950
Conc: 202.90 ng/ml



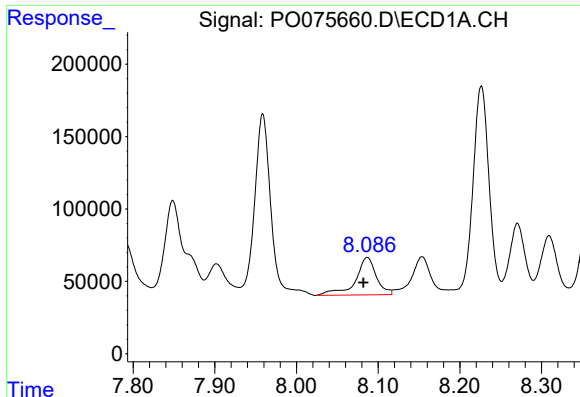
#28 AR-1254-3

R.T.: 7.791 min
Delta R.T.: 0.006 min
Response: 511266
Conc: 115.40 ng/ml



#28 AR-1254-3

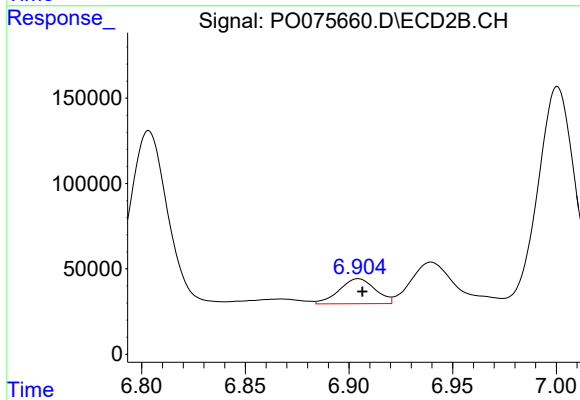
R.T.: 6.686 min
Delta R.T.: 0.018 min
Response: 1052404
Conc: 269.25 ng/ml



#29 AR-1254-4

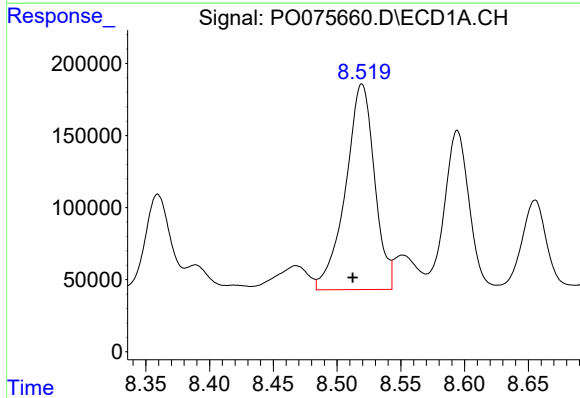
R.T.: 8.087 min
Delta R.T.: 0.005 min
Response: 457060
Conc: 140.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



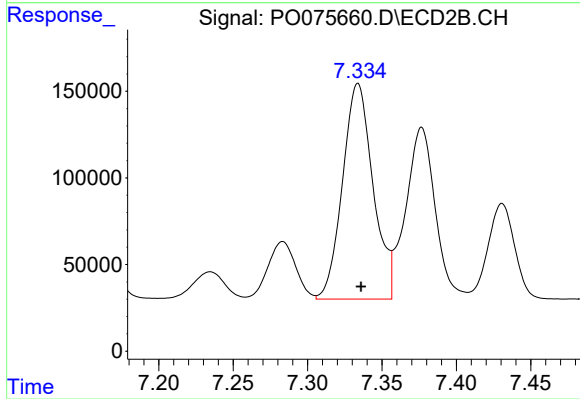
#29 AR-1254-4

R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 177890
Conc: 68.44 ng/ml



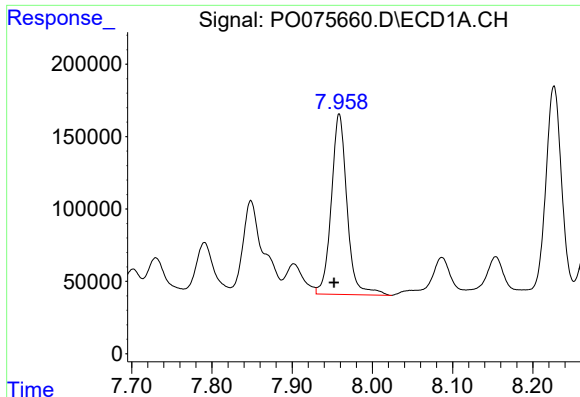
#30 AR-1254-5

R.T.: 8.520 min
Delta R.T.: 0.007 min
Response: 2255070
Conc: 644.22 ng/ml



#30 AR-1254-5

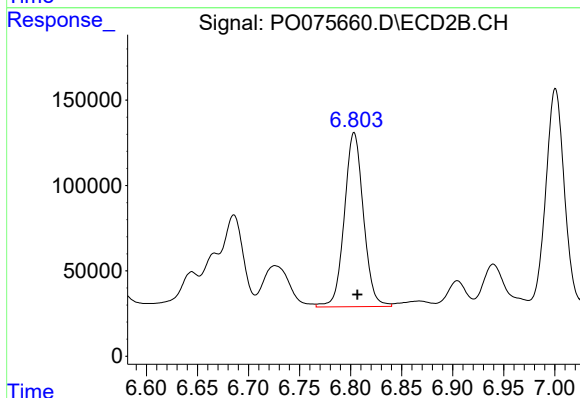
R.T.: 7.334 min
Delta R.T.: -0.002 min
Response: 1775872
Conc: 499.97 ng/ml



#31 AR-1260-1

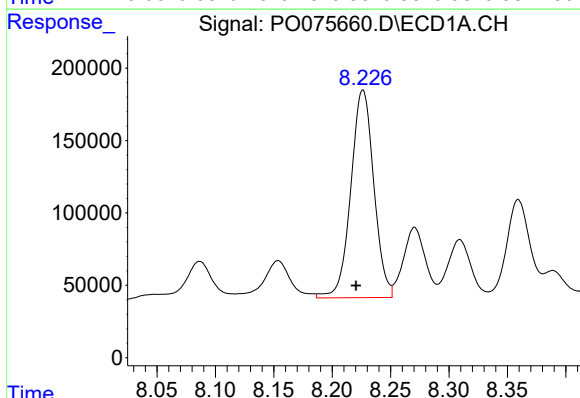
R.T.: 7.959 min
Delta R.T.: 0.006 min
Response: 1698460
Conc: 564.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



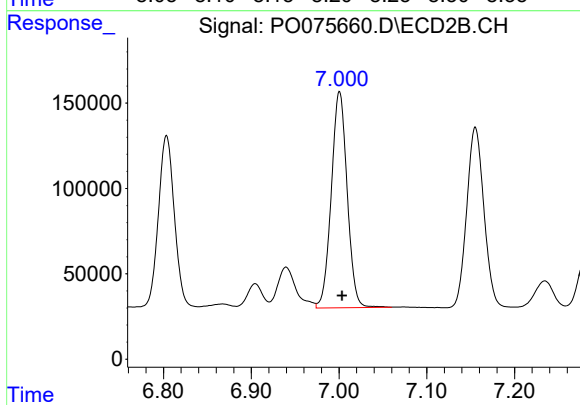
#31 AR-1260-1

R.T.: 6.803 min
Delta R.T.: -0.003 min
Response: 1327607
Conc: 539.16 ng/ml



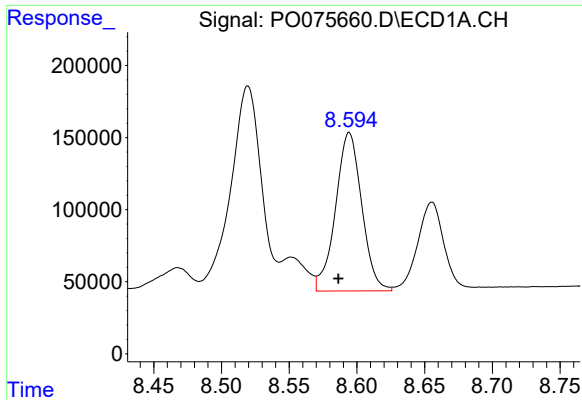
#32 AR-1260-2

R.T.: 8.226 min
Delta R.T.: 0.006 min
Response: 1966530
Conc: 550.78 ng/ml



#32 AR-1260-2

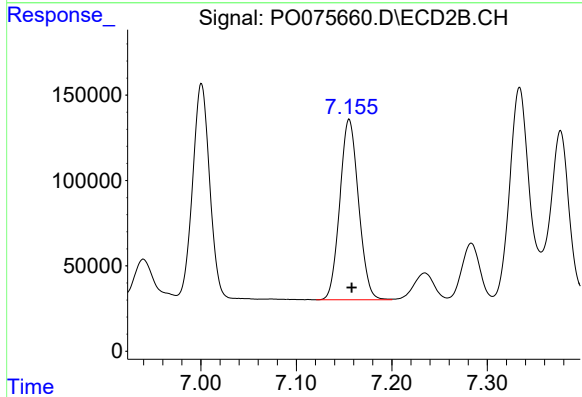
R.T.: 7.001 min
Delta R.T.: -0.003 min
Response: 1589579
Conc: 515.59 ng/ml



#33 AR-1260-3

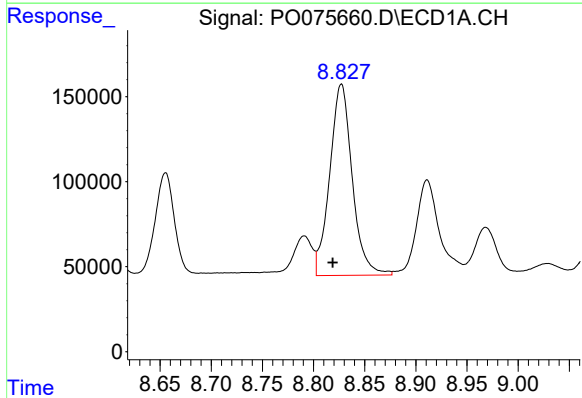
R.T.: 8.594 min
Delta R.T.: 0.008 min
Response: 1480738
Conc: 540.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



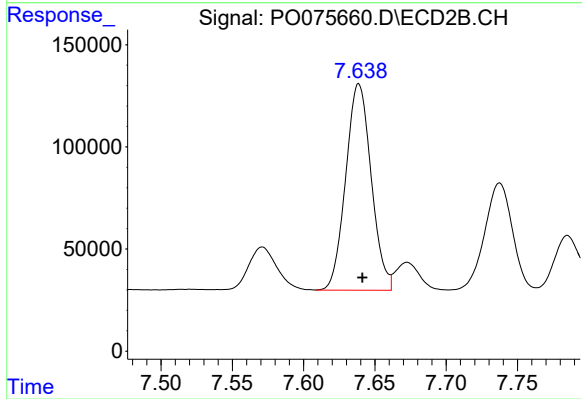
#33 AR-1260-3

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 1440993
Conc: 511.12 ng/ml



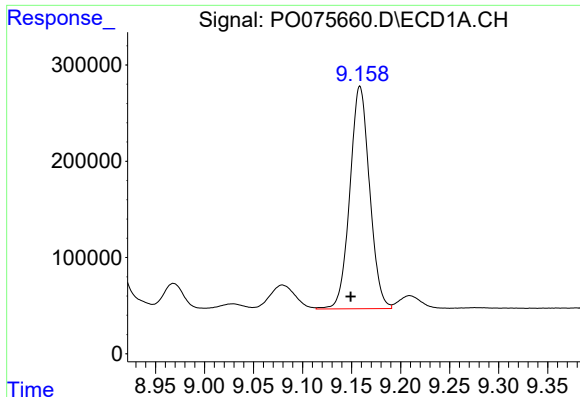
#34 AR-1260-4

R.T.: 8.827 min
Delta R.T.: 0.008 min
Response: 1722321
Conc: 528.15 ng/ml



#34 AR-1260-4

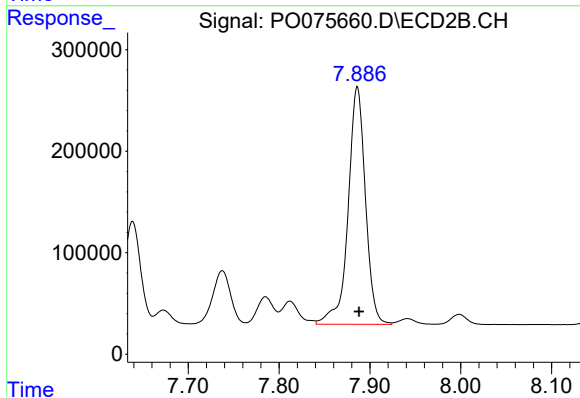
R.T.: 7.639 min
Delta R.T.: -0.002 min
Response: 1258439
Conc: 519.69 ng/ml



#35 AR-1260-5

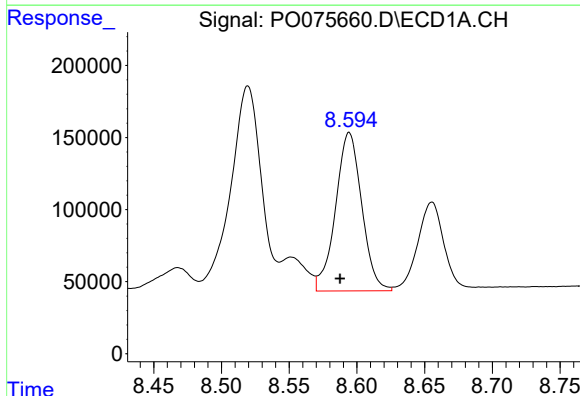
R.T.: 9.159 min
Delta R.T.: 0.009 min
Response: 3235328
Conc: 512.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



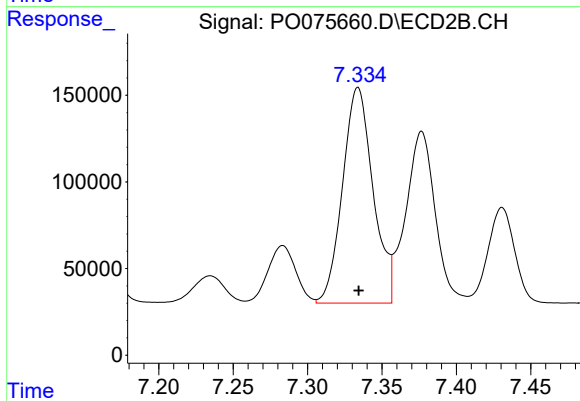
#35 AR-1260-5

R.T.: 7.886 min
Delta R.T.: -0.002 min
Response: 3103794
Conc: 526.43 ng/ml



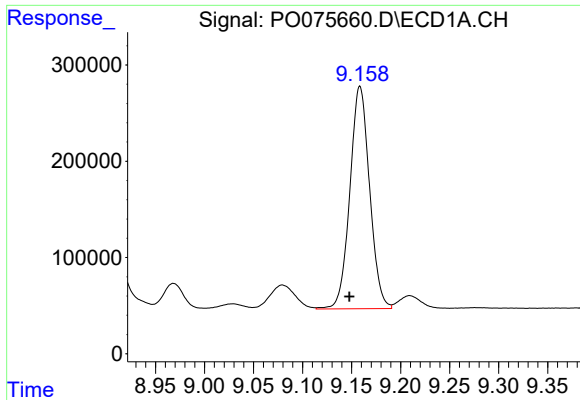
#36 AR-1262-1

R.T.: 8.594 min
Delta R.T.: 0.007 min
Response: 1480738
Conc: 371.04 ng/ml



#36 AR-1262-1

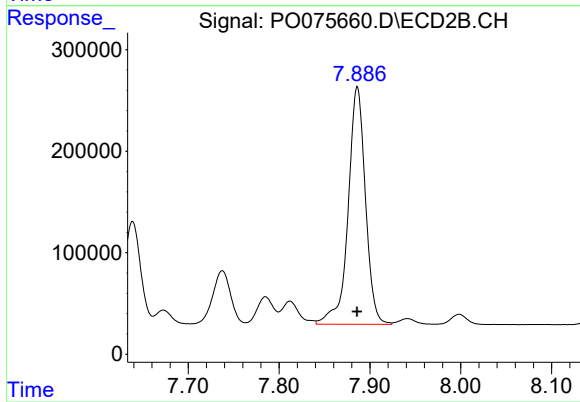
R.T.: 7.334 min
Delta R.T.: 0.000 min
Response: 1775872
Conc: 870.71 ng/ml



#37 AR-1262-2

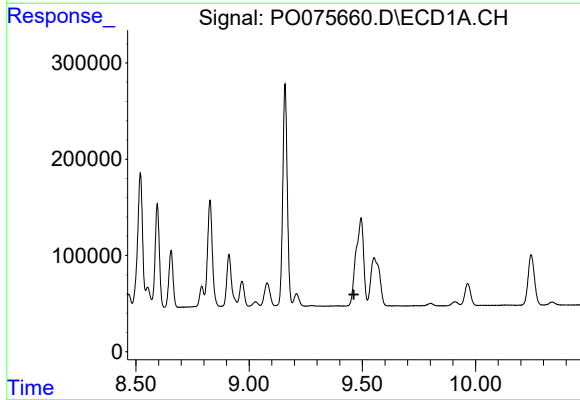
R.T.: 9.159 min
Delta R.T.: 0.011 min
Response: 3235328
Conc: 457.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



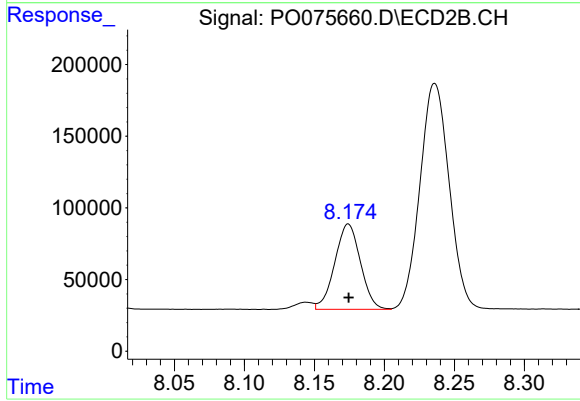
#37 AR-1262-2

R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 3103794
Conc: 463.03 ng/ml



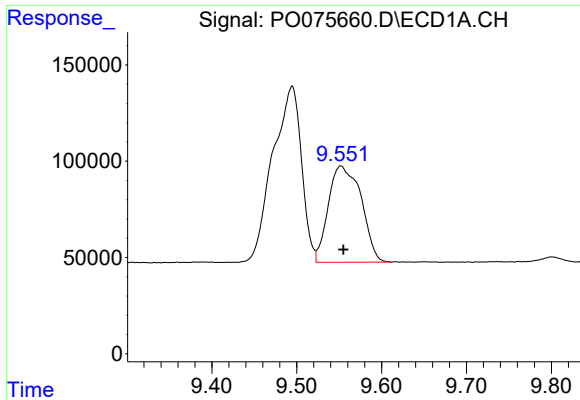
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.463 min
Response: 0
Conc: N.D.



#38 AR-1262-3

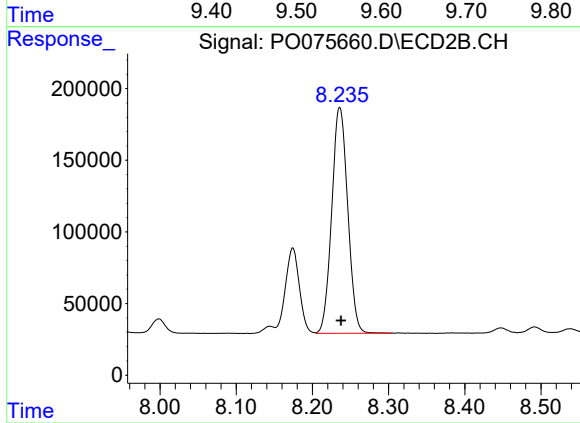
R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 760569
Conc: 272.68 ng/ml



#39 AR-1262-4

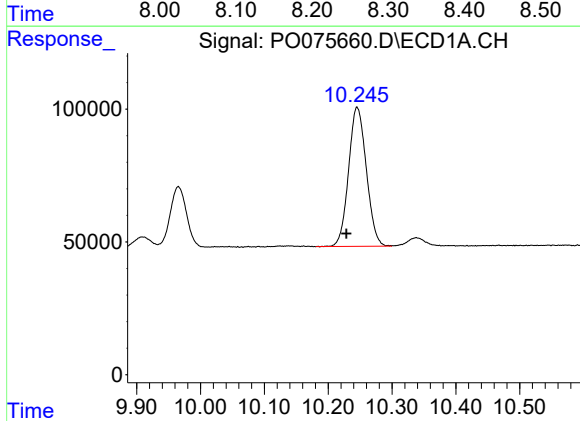
R.T.: 9.552 min
Delta R.T.: -0.003 min
Response: 1341212
Conc: 370.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



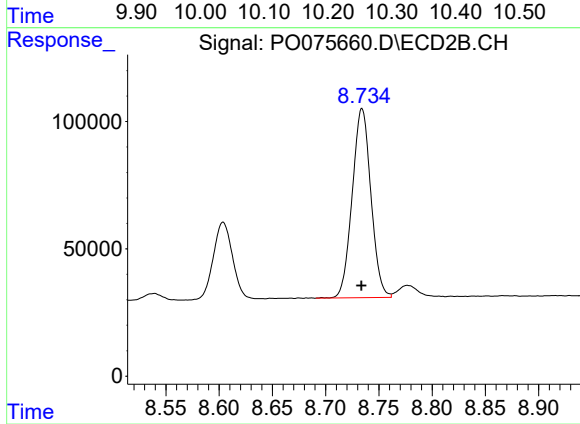
#39 AR-1262-4

R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 2296882
Conc: 454.73 ng/ml



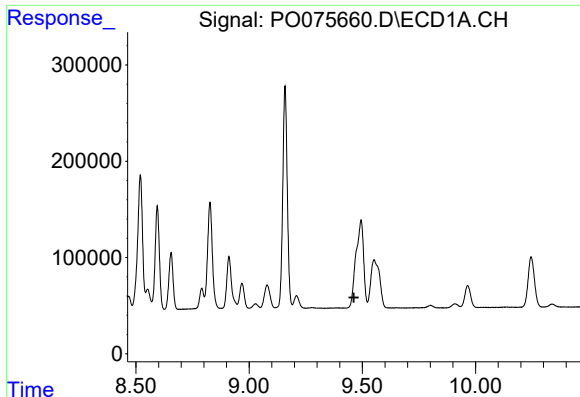
#40 AR-1262-5

R.T.: 10.245 min
Delta R.T.: 0.017 min
Response: 1014022
Conc: 388.34 ng/ml



#40 AR-1262-5

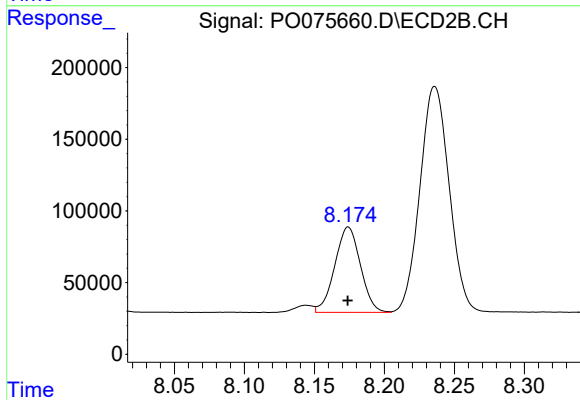
R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 908426
Conc: 379.01 ng/ml



#41 AR-1268-1

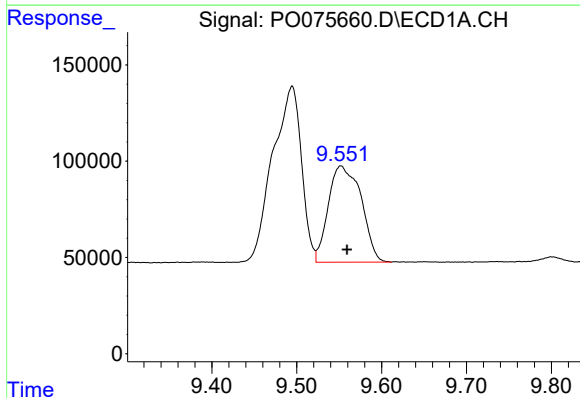
R.T.: 0.000 min
Exp R.T.: 9.463 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



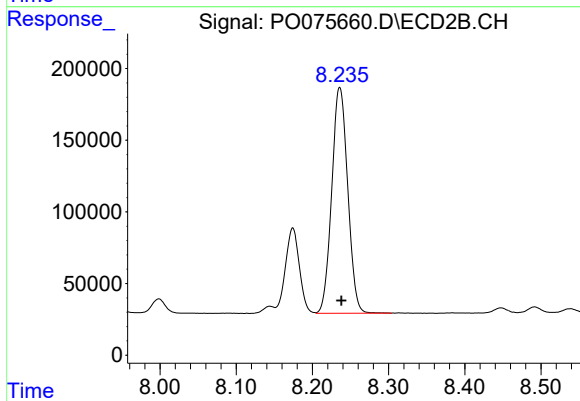
#41 AR-1268-1

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 760569
Conc: 98.61 ng/ml



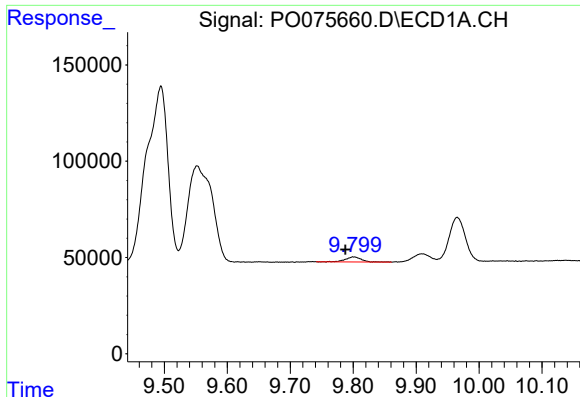
#42 AR-1268-2

R.T.: 9.552 min
Delta R.T.: -0.007 min
Response: 1341212
Conc: 183.10 ng/ml



#42 AR-1268-2

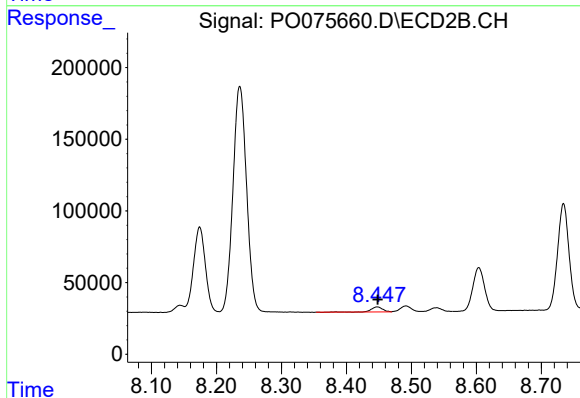
R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 2296882
Conc: 327.43 ng/ml



#43 AR-1268-3

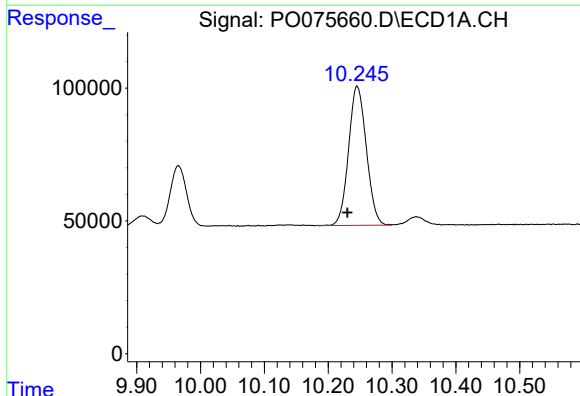
R.T.: 9.800 min
Delta R.T.: 0.012 min
Response: 46623
Conc: 7.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



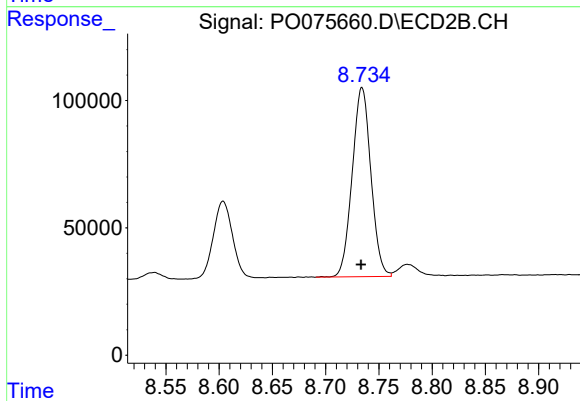
#43 AR-1268-3

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 41525
Conc: 6.89 ng/ml



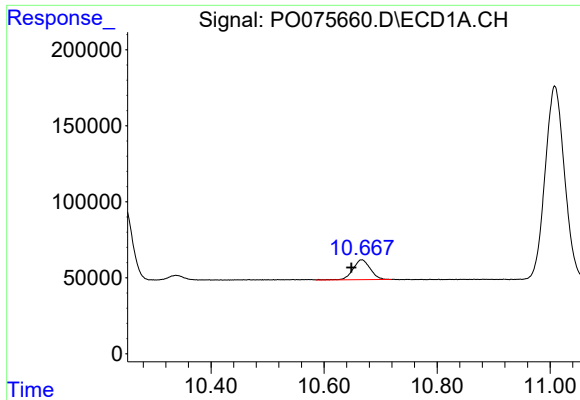
#44 AR-1268-4

R.T.: 10.245 min
Delta R.T.: 0.015 min
Response: 1014022
Conc: 354.10 ng/ml



#44 AR-1268-4

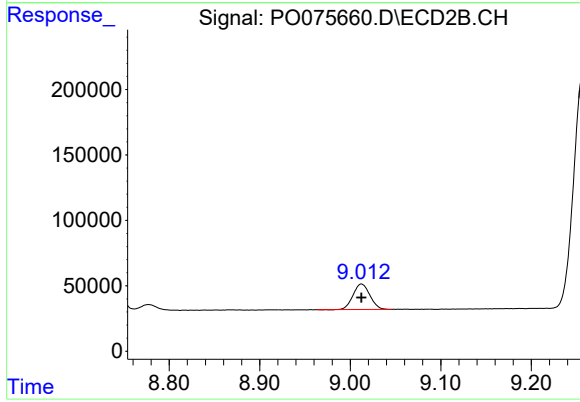
R.T.: 8.734 min
Delta R.T.: 0.001 min
Response: 908426
Conc: 343.84 ng/ml



#45 AR-1268-5

R.T.: 10.667 min
Delta R.T.: 0.018 min
Response: 275933
Conc: 13.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.012 min
Delta R.T.: 0.000 min
Response: 253286
Conc: 13.35 ng/ml