

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031219\
 Data File : P0054343.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Mar 2019 11:06
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 00:36:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 11 14:40:27 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...	4.017	3.107	183.2E6	12602496	53.296	45.000
2)	SA Decachlor...	9.321	7.667	60643970	13424128	48.146	47.712
Target Compounds							
3)	L1 AR-1016-1	5.147	4.071	39458553	5201886	477.541	431.933
4)	L1 AR-1016-2	5.167	4.085	59466154	8264296	476.998	425.853
5)	L1 AR-1016-3	5.226	4.240	34169317	4398221	486.242	432.247
6)	L1 AR-1016-4	5.324	4.282	28339165	3493797	485.253	460.051
7)	L1 AR-1016-5	5.605	4.470	23287118	4591707	455.612	448.368
8)	L2 AR-1221-1	4.224	3.296	3804429	402775	121.139	128.786
9)	L2 AR-1221-2	4.312	3.372	6667846	617975	310.132	268.169
10)	L2 AR-1221-3	4.386	3.439	23586176	2449951	339.089	322.432
11)	L3 AR-1232-1	4.386	3.439	23586176	2449951	429.125	396.654
12)	L3 AR-1232-2	4.889	4.085	29654313	8264296	1236.159	1089.936
13)	L3 AR-1232-3	5.167	4.240	59466154	4398221	1261.366	1098.215
14)	L3 AR-1232-4	5.324	4.317	28339165	4145918	1266.002	1273.083
15)	L3 AR-1232-5	5.406	4.470	22085038	4591707	1527.872	1203.995
16)	L4 AR-1242-1	5.147	4.071	39458553	5201886	635.376	592.023
17)	L4 AR-1242-2	5.167	4.085	59466154	8264296	635.687	594.713
18)	L4 AR-1242-3	5.226	4.240	34169317	4398221	637.395	590.832
19)	L4 AR-1242-4	5.324	4.317	28339165	4145918	648.227	607.514
20)	L4 AR-1242-5	6.033	4.788	3238453	3340273	78.961	362.568 #
21)	L5 AR-1248-1	5.147	4.071	39458553	5201886	648.557	574.345
22)	L5 AR-1248-2	5.406	4.282	22085038	3493797	294.733	283.971
23)	L5 AR-1248-3	5.605	4.317	23287118	4145918	276.728	336.616
24)	L5 AR-1248-4	5.997	4.470	4335858	4591707	48.462	295.004 #
25)	L5 AR-1248-5	6.033	4.828	3238453	624299	37.706	38.951
26)	L6 AR-1254-1	5.966	4.788	14586103	3340273	233.254	182.615
27)	L6 AR-1254-2	6.176	4.927	15585446	2935349	160.291	195.981
28)	L6 AR-1254-3	6.540	5.305	8102833	5822522	81.846	241.880 #
29)	L6 AR-1254-4	6.817	5.513	5521389	862340	74.589	54.405 #
30)	L6 AR-1254-5	7.226	5.897	45907495	9944960	675.965	504.677 #
31)	L7 AR-1260-1	6.692	5.411	33510655	7929663	467.370	443.669
32)	L7 AR-1260-2	6.944	5.595	41493084	9523868	461.471	439.195
33)	L7 AR-1260-3	7.291	5.729	32746720	8863622	466.337	453.852
34)	L7 AR-1260-4	7.516	6.171	31119432	7034239	467.437	463.547
35)	L7 AR-1260-5	7.820	6.412	69314405	16169849	457.383	448.607
36)	L8 AR-1262-1	7.291	5.930	32746720	8079362	338.376	370.728
37)	L8 AR-1262-2	7.820	6.412	69314405	16169849	429.859	446.150
38)	L8 AR-1262-3	8.113	6.671	22770744	3708130	664.993	257.793 #
39)	L8 AR-1262-4	8.156	6.735	26784768	11689083	334.334	438.917 #
40)	L8 AR-1262-5	8.729	7.218	19164301	4232961	348.501	337.397
41)	L9 AR-1268-1	8.085	6.671	16364638	3708130	85.577	90.177

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031219\
Data File : P0054343.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Mar 2019 11:06
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

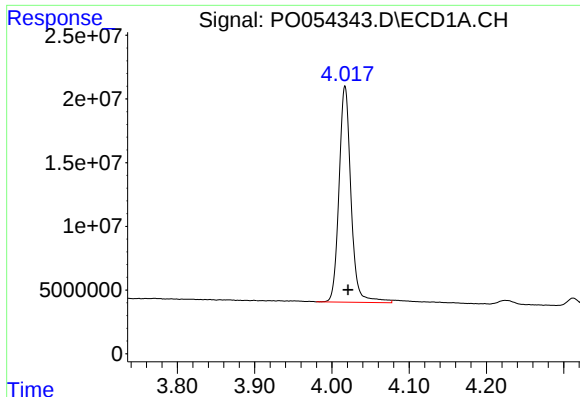
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 00:36:17 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031119.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 11 14:40:27 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
42)	L9 AR-1268-2	8.156	6.735	26784768	11689083	149.739	300.833 #
44)	L9 AR-1268-4	8.729	7.218	19164301	4232961	307.457	302.080
45)	L9 AR-1268-5	9.061	7.471	5211243	1246693	11.125	12.737

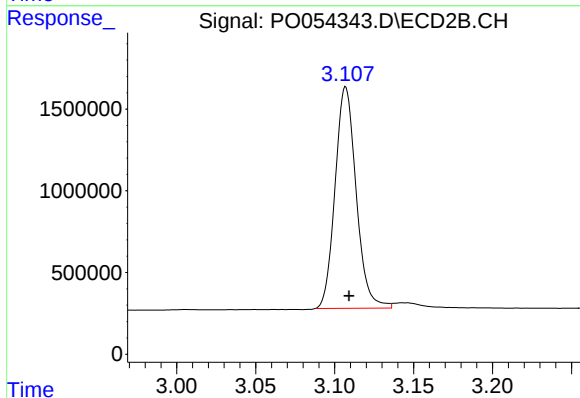
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

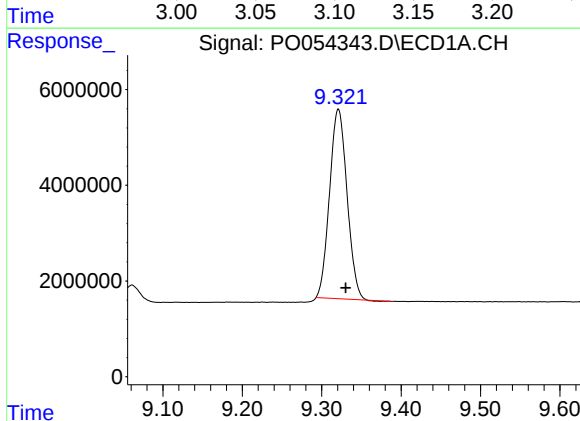
R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 183162889
Conc: 53.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



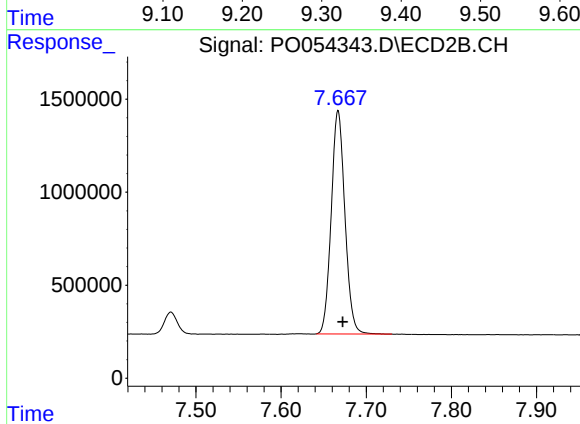
#1 Tetrachloro-m-xylene

R.T.: 3.107 min
Delta R.T.: -0.002 min
Response: 12602496
Conc: 45.00 ng/ml



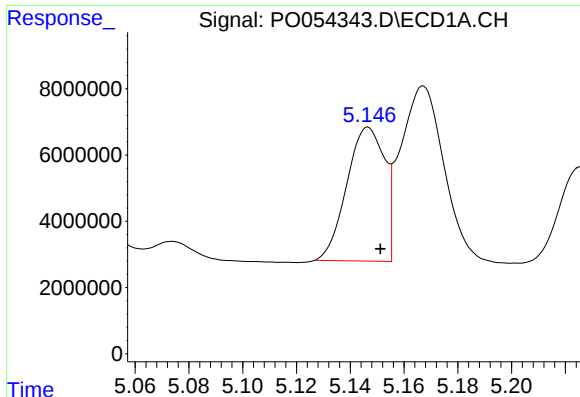
#2 Decachlorobiphenyl

R.T.: 9.321 min
Delta R.T.: -0.009 min
Response: 60643970
Conc: 48.15 ng/ml



#2 Decachlorobiphenyl

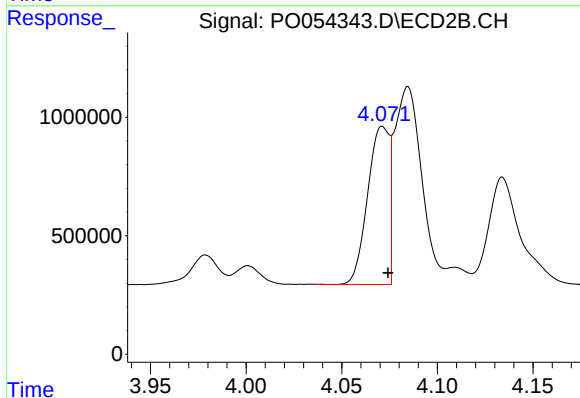
R.T.: 7.667 min
Delta R.T.: -0.005 min
Response: 13424128
Conc: 47.71 ng/ml



#3 AR-1016-1

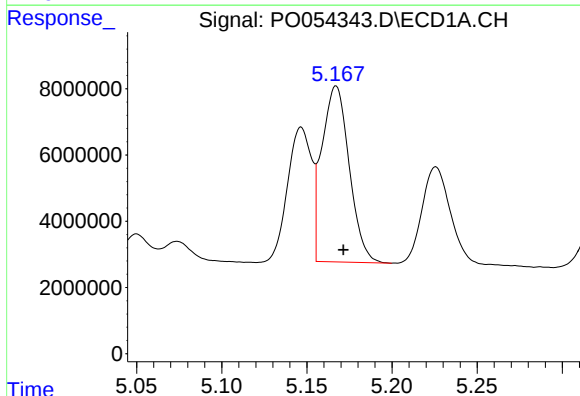
R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 39458553
Conc: 477.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



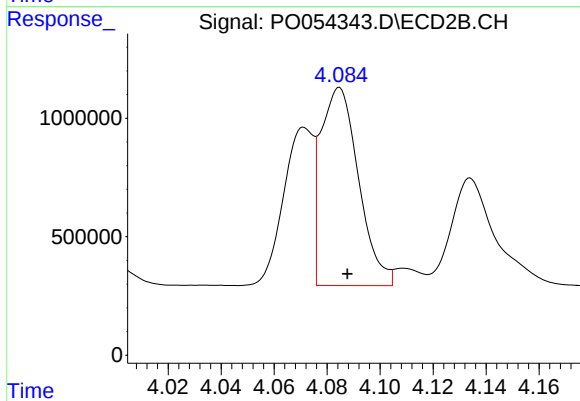
#3 AR-1016-1

R.T.: 4.071 min
Delta R.T.: -0.003 min
Response: 5201886
Conc: 431.93 ng/ml



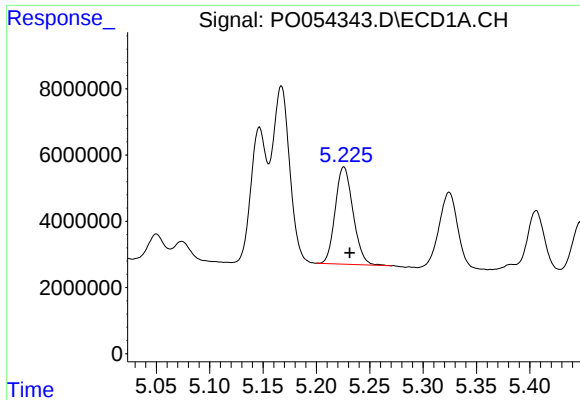
#4 AR-1016-2

R.T.: 5.167 min
Delta R.T.: -0.004 min
Response: 59466154
Conc: 477.00 ng/ml



#4 AR-1016-2

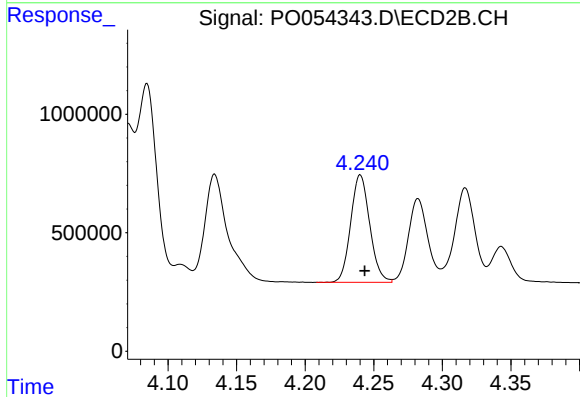
R.T.: 4.085 min
Delta R.T.: -0.003 min
Response: 8264296
Conc: 425.85 ng/ml



#5 AR-1016-3

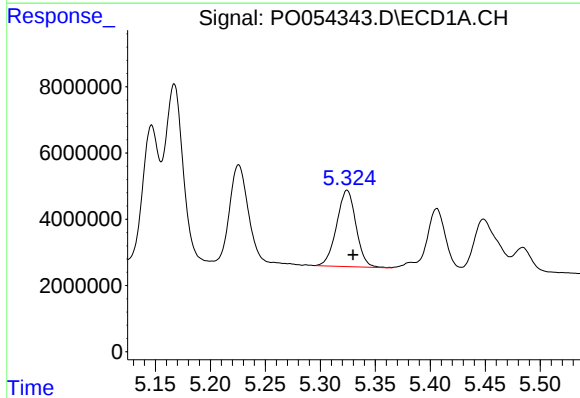
R.T.: 5.226 min
Delta R.T.: -0.006 min
Response: 34169317
Conc: 486.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



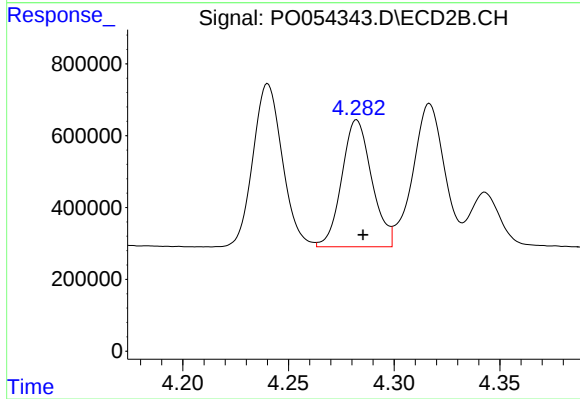
#5 AR-1016-3

R.T.: 4.240 min
Delta R.T.: -0.003 min
Response: 4398221
Conc: 432.25 ng/ml



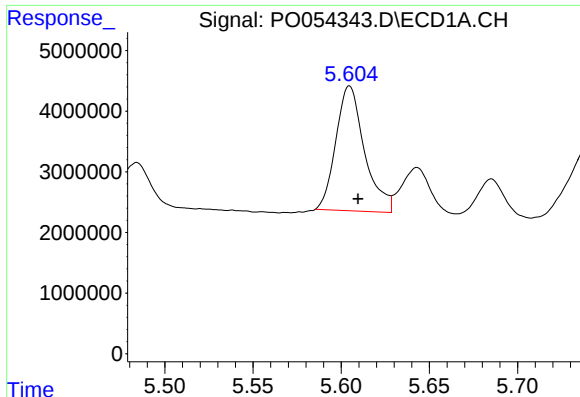
#6 AR-1016-4

R.T.: 5.324 min
Delta R.T.: -0.005 min
Response: 28339165
Conc: 485.25 ng/ml



#6 AR-1016-4

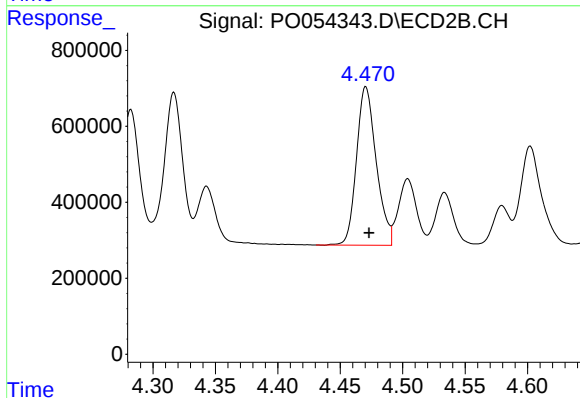
R.T.: 4.282 min
Delta R.T.: -0.003 min
Response: 3493797
Conc: 460.05 ng/ml



#7 AR-1016-5

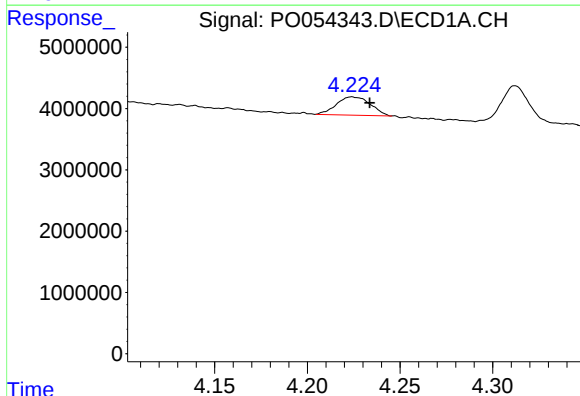
R.T.: 5.605 min
Delta R.T.: -0.005 min
Response: 23287118
Conc: 455.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



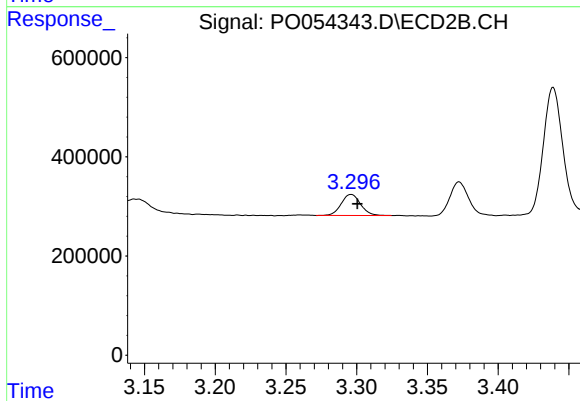
#7 AR-1016-5

R.T.: 4.470 min
Delta R.T.: -0.003 min
Response: 4591707
Conc: 448.37 ng/ml



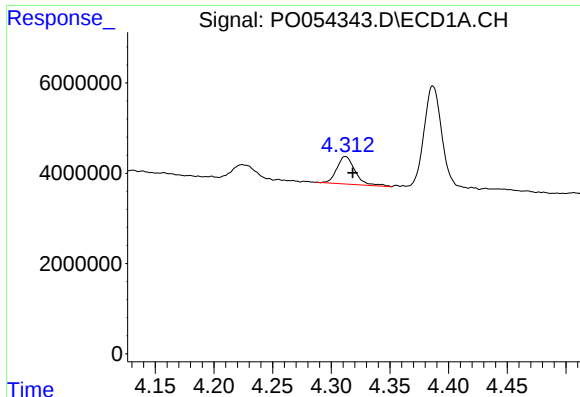
#8 AR-1221-1

R.T.: 4.224 min
Delta R.T.: -0.009 min
Response: 3804429
Conc: 121.14 ng/ml



#8 AR-1221-1

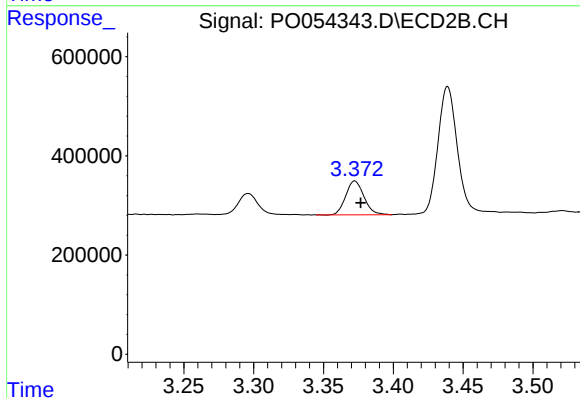
R.T.: 3.296 min
Delta R.T.: -0.004 min
Response: 402775
Conc: 128.79 ng/ml



#9 AR-1221-2

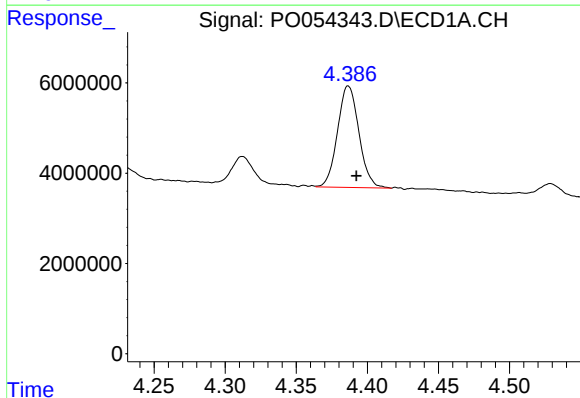
R.T.: 4.312 min
Delta R.T.: -0.006 min
Response: 6667846
Conc: 310.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



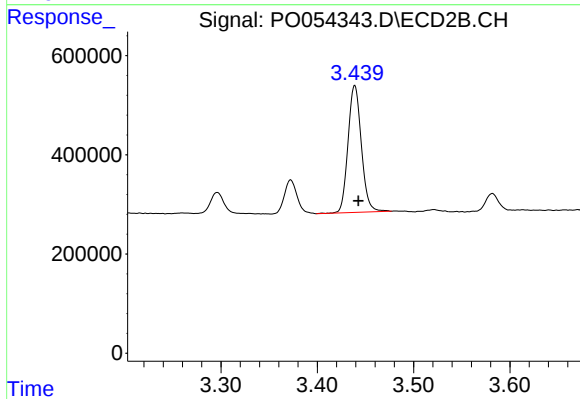
#9 AR-1221-2

R.T.: 3.372 min
Delta R.T.: -0.004 min
Response: 617975
Conc: 268.17 ng/ml



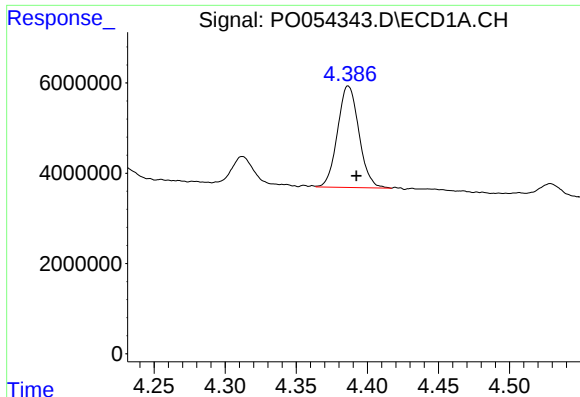
#10 AR-1221-3

R.T.: 4.386 min
Delta R.T.: -0.006 min
Response: 23586176
Conc: 339.09 ng/ml



#10 AR-1221-3

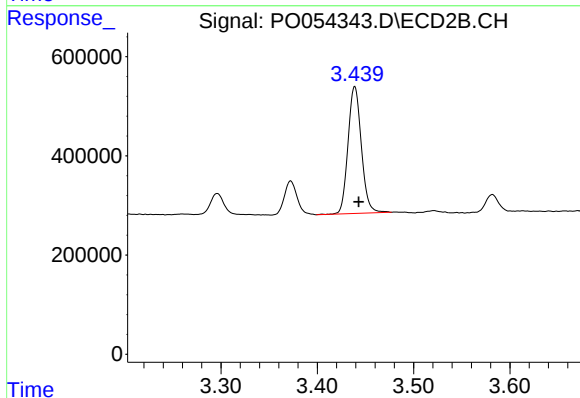
R.T.: 3.439 min
Delta R.T.: -0.004 min
Response: 2449951
Conc: 322.43 ng/ml



#11 AR-1232-1

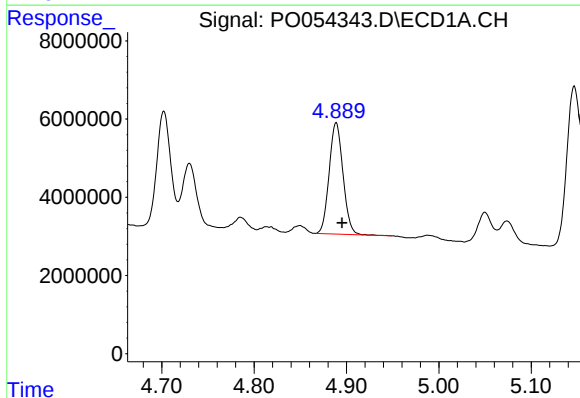
R.T.: 4.386 min
Delta R.T.: -0.006 min
Response: 23586176
Conc: 429.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



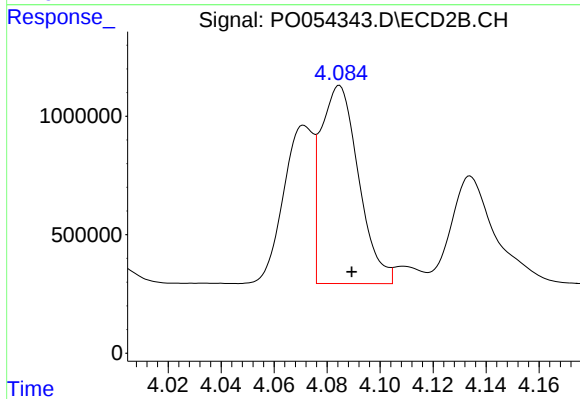
#11 AR-1232-1

R.T.: 3.439 min
Delta R.T.: -0.004 min
Response: 2449951
Conc: 396.65 ng/ml



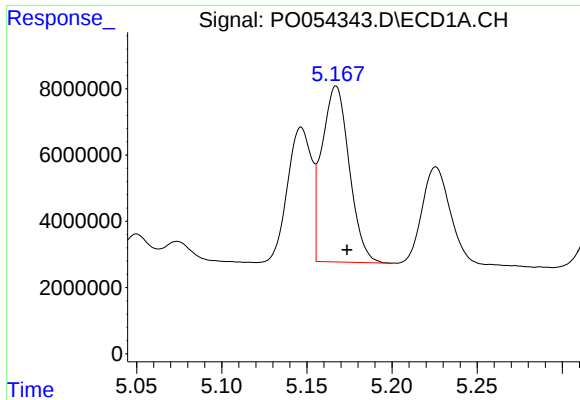
#12 AR-1232-2

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 29654313
Conc: 1236.16 ng/ml



#12 AR-1232-2

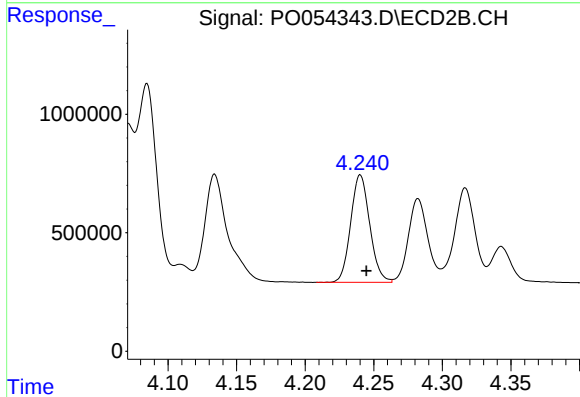
R.T.: 4.085 min
Delta R.T.: -0.005 min
Response: 8264296
Conc: 1089.94 ng/ml



#13 AR-1232-3

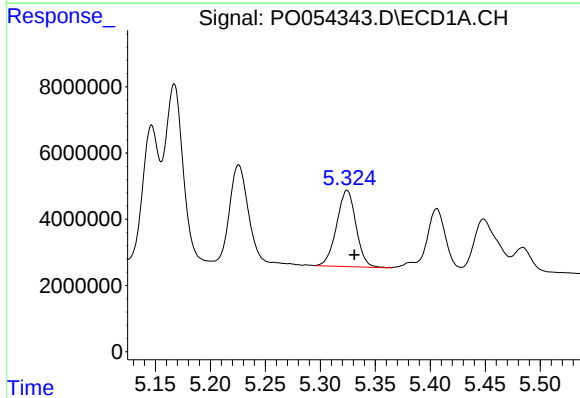
R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 59466154
Conc: 1261.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



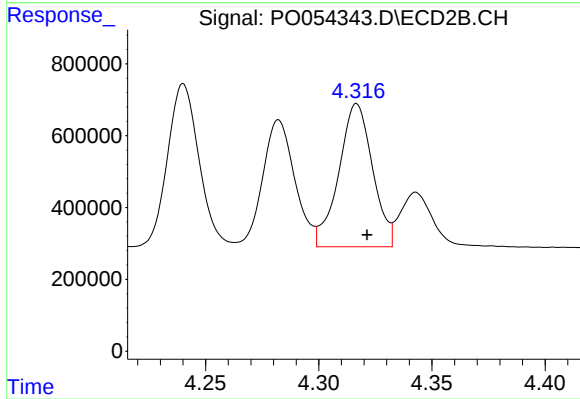
#13 AR-1232-3

R.T.: 4.240 min
Delta R.T.: -0.005 min
Response: 4398221
Conc: 1098.21 ng/ml



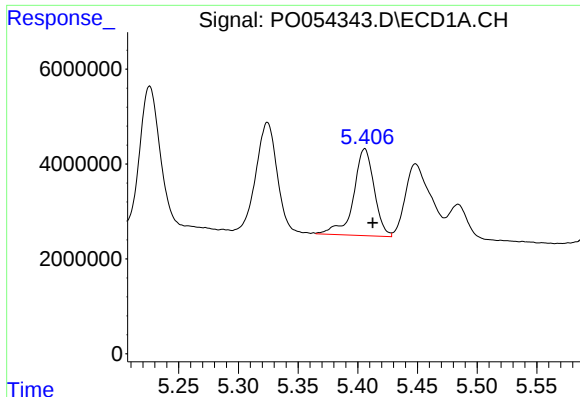
#14 AR-1232-4

R.T.: 5.324 min
Delta R.T.: -0.007 min
Response: 28339165
Conc: 1266.00 ng/ml



#14 AR-1232-4

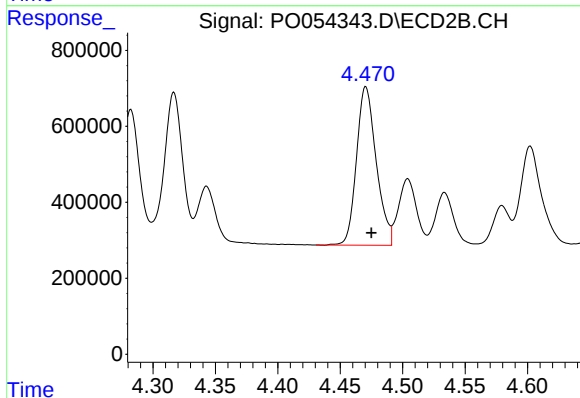
R.T.: 4.317 min
Delta R.T.: -0.005 min
Response: 4145918
Conc: 1273.08 ng/ml



#15 AR-1232-5

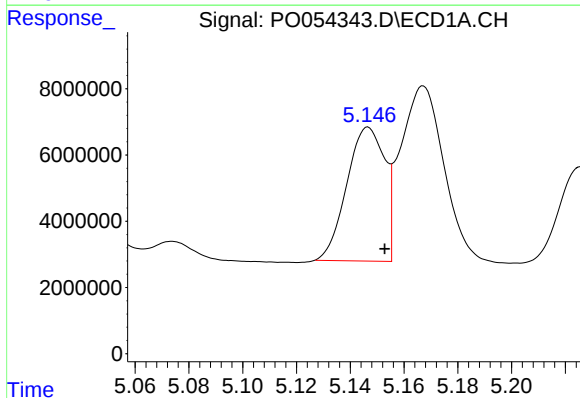
R.T.: 5.406 min
Delta R.T.: -0.007 min
Response: 22085038
Conc: 1527.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



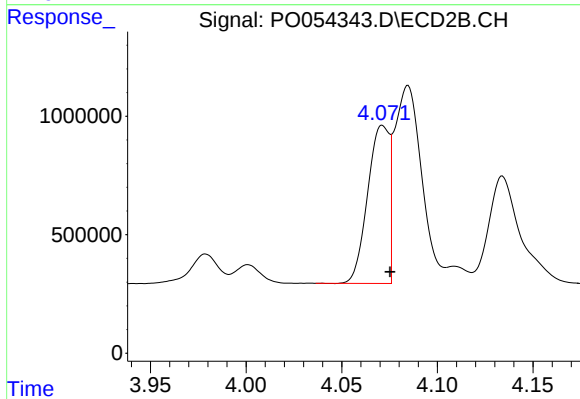
#15 AR-1232-5

R.T.: 4.470 min
Delta R.T.: -0.005 min
Response: 4591707
Conc: 1204.00 ng/ml



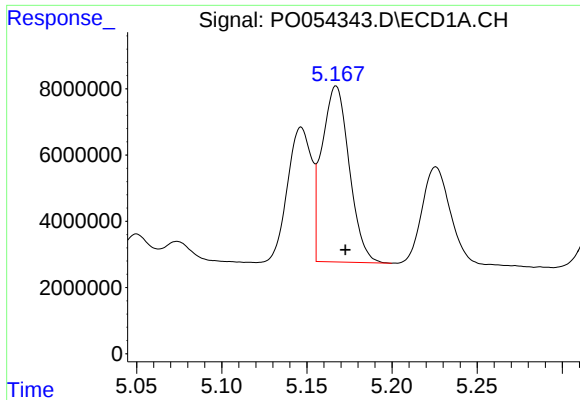
#16 AR-1242-1

R.T.: 5.147 min
Delta R.T.: -0.006 min
Response: 39458553
Conc: 635.38 ng/ml



#16 AR-1242-1

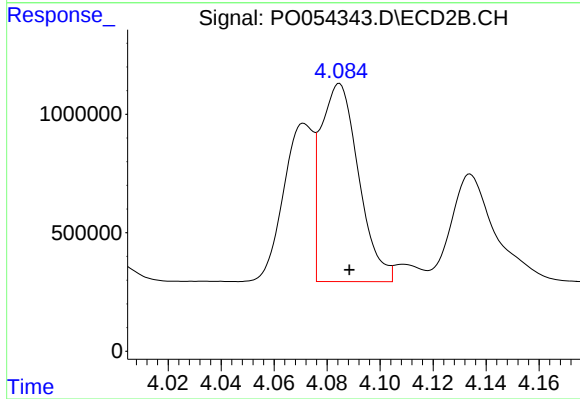
R.T.: 4.071 min
Delta R.T.: -0.004 min
Response: 5201886
Conc: 592.02 ng/ml



#17 AR-1242-2

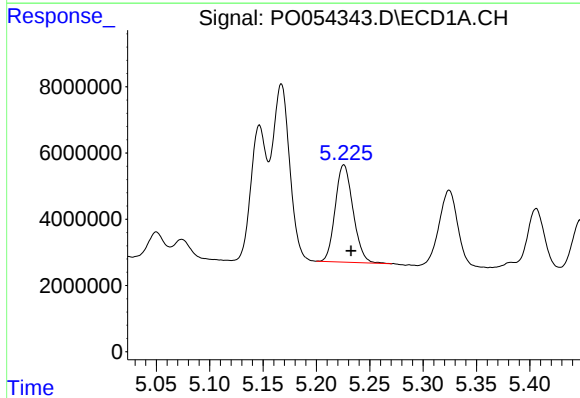
R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 59466154
Conc: 635.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



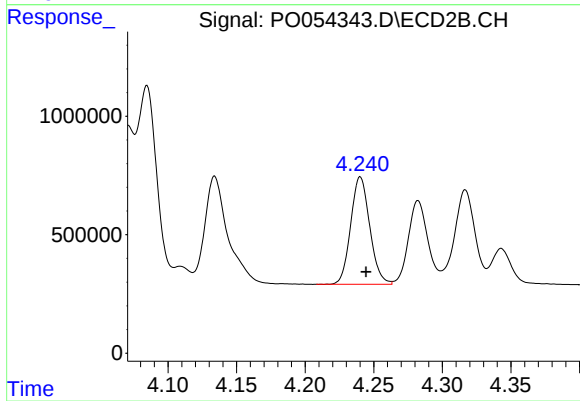
#17 AR-1242-2

R.T.: 4.085 min
Delta R.T.: -0.004 min
Response: 8264296
Conc: 594.71 ng/ml



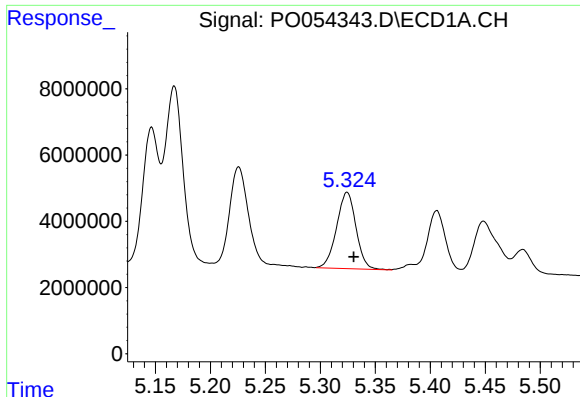
#18 AR-1242-3

R.T.: 5.226 min
Delta R.T.: -0.007 min
Response: 34169317
Conc: 637.40 ng/ml



#18 AR-1242-3

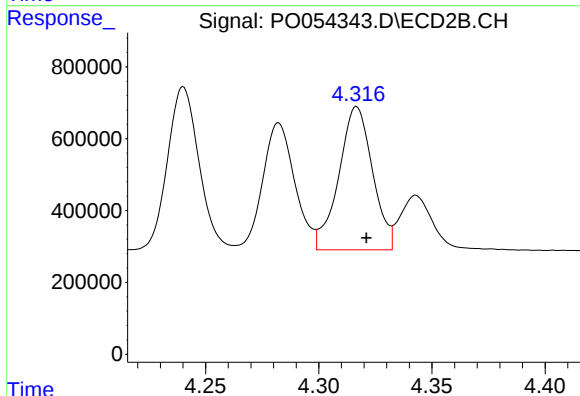
R.T.: 4.240 min
Delta R.T.: -0.004 min
Response: 4398221
Conc: 590.83 ng/ml



#19 AR-1242-4

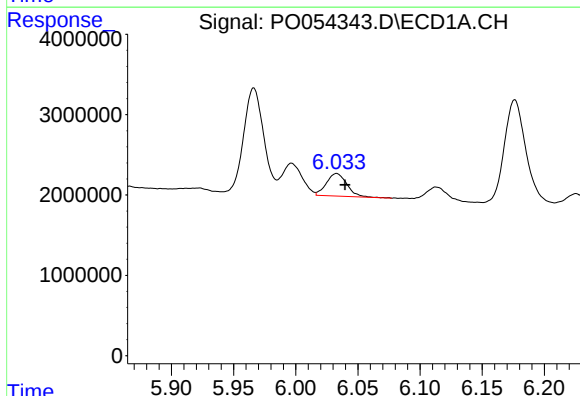
R.T.: 5.324 min
Delta R.T.: -0.006 min
Response: 28339165
Conc: 648.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



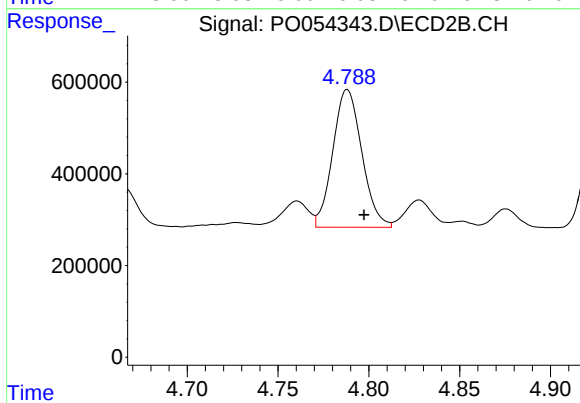
#19 AR-1242-4

R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 4145918
Conc: 607.51 ng/ml



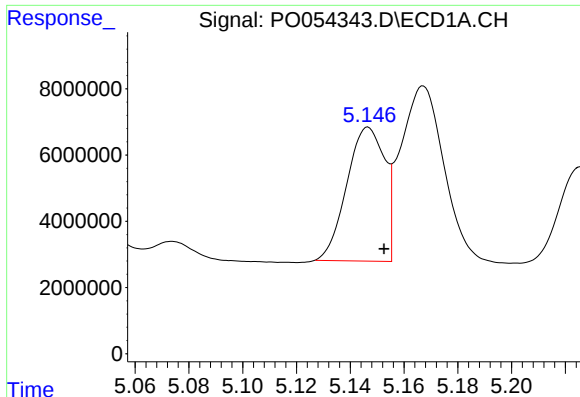
#20 AR-1242-5

R.T.: 6.033 min
Delta R.T.: -0.007 min
Response: 3238453
Conc: 78.96 ng/ml



#20 AR-1242-5

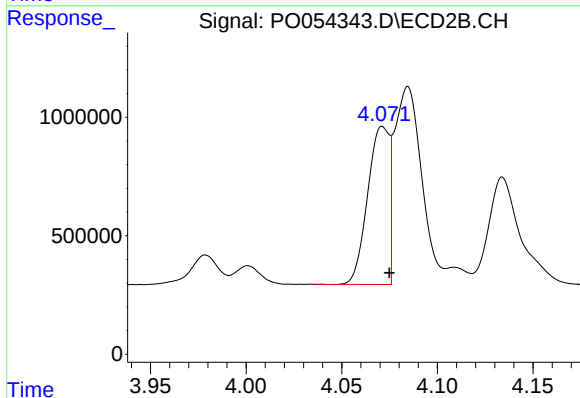
R.T.: 4.788 min
Delta R.T.: -0.009 min
Response: 3340273
Conc: 362.57 ng/ml



#21 AR-1248-1

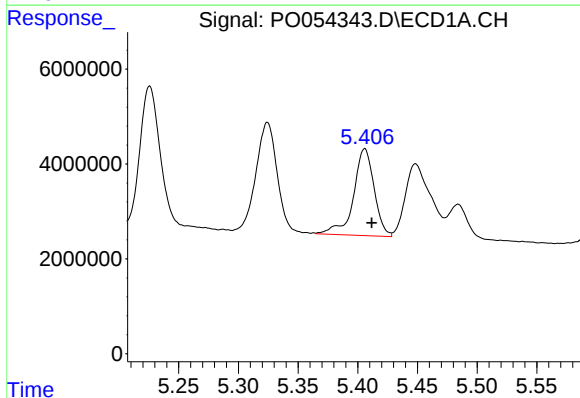
R.T.: 5.147 min
Delta R.T.: -0.006 min
Response: 39458553
Conc: 648.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



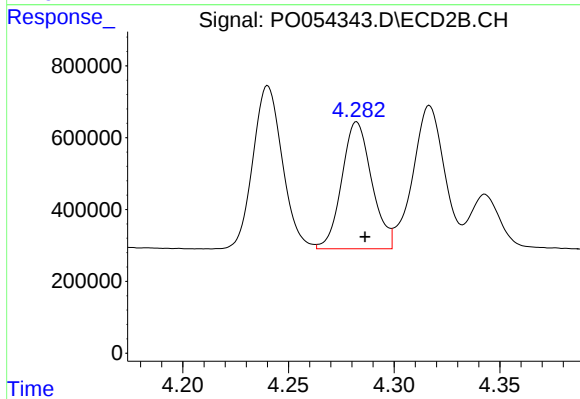
#21 AR-1248-1

R.T.: 4.071 min
Delta R.T.: -0.004 min
Response: 5201886
Conc: 574.34 ng/ml



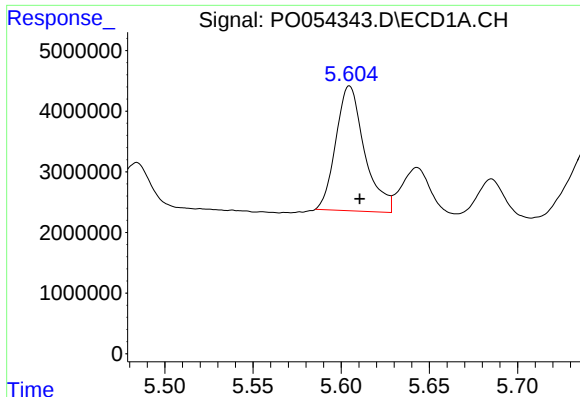
#22 AR-1248-2

R.T.: 5.406 min
Delta R.T.: -0.006 min
Response: 22085038
Conc: 294.73 ng/ml



#22 AR-1248-2

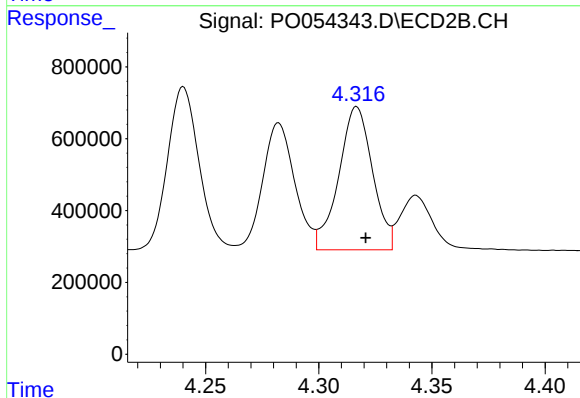
R.T.: 4.282 min
Delta R.T.: -0.004 min
Response: 3493797
Conc: 283.97 ng/ml



#23 AR-1248-3

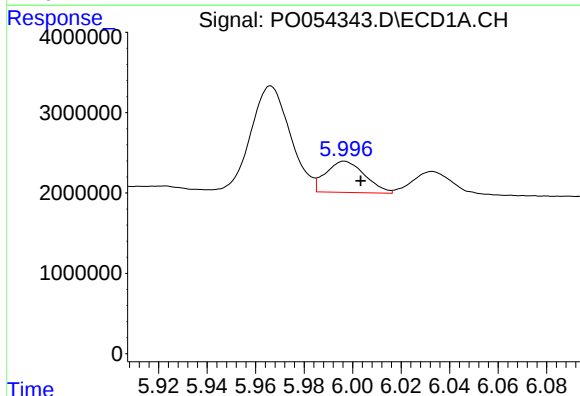
R.T.: 5.605 min
Delta R.T.: -0.006 min
Response: 23287118
Conc: 276.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



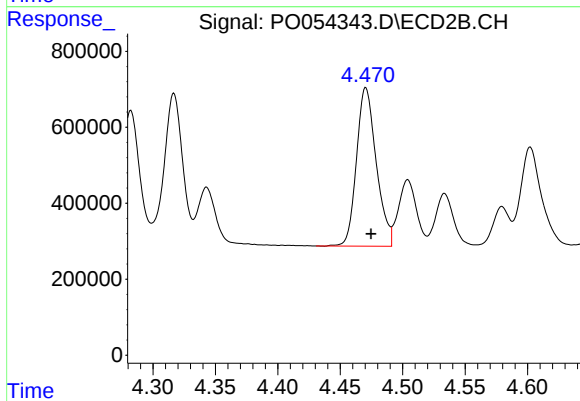
#23 AR-1248-3

R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 4145918
Conc: 336.62 ng/ml



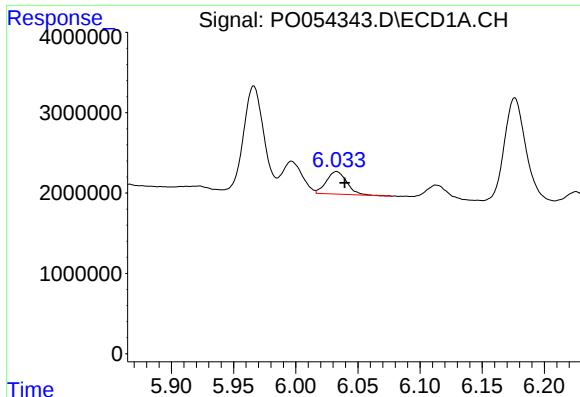
#24 AR-1248-4

R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 4335858
Conc: 48.46 ng/ml



#24 AR-1248-4

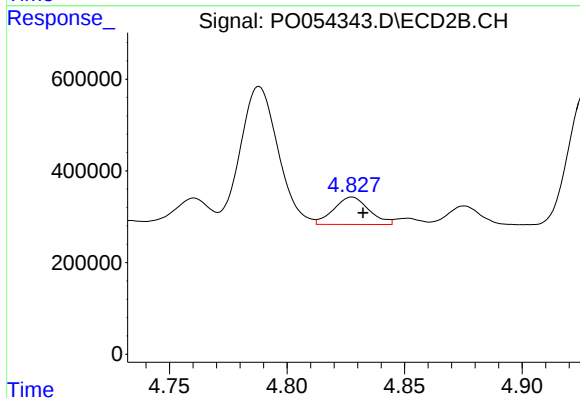
R.T.: 4.470 min
Delta R.T.: -0.004 min
Response: 4591707
Conc: 295.00 ng/ml



#25 AR-1248-5

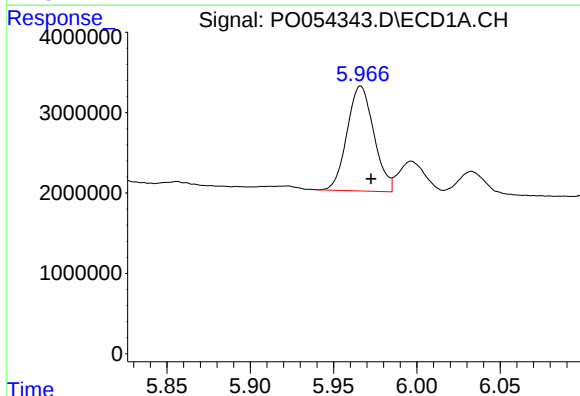
R.T.: 6.033 min
Delta R.T.: -0.006 min
Response: 3238453
Conc: 37.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



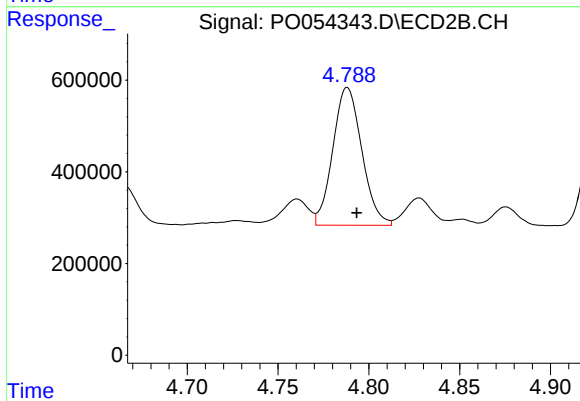
#25 AR-1248-5

R.T.: 4.828 min
Delta R.T.: -0.005 min
Response: 624299
Conc: 38.95 ng/ml



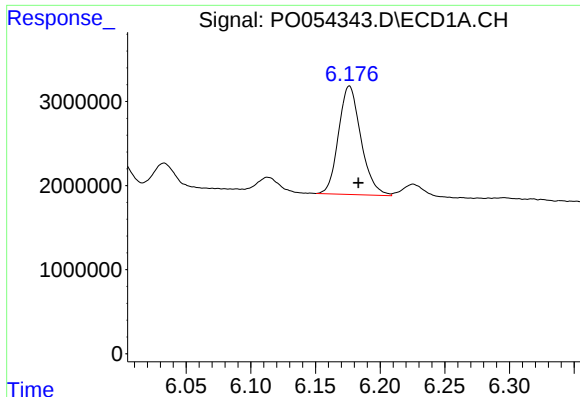
#26 AR-1254-1

R.T.: 5.966 min
Delta R.T.: -0.006 min
Response: 14586103
Conc: 233.25 ng/ml



#26 AR-1254-1

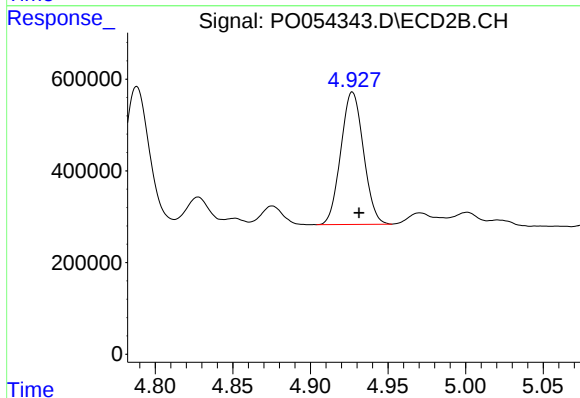
R.T.: 4.788 min
Delta R.T.: -0.005 min
Response: 3340273
Conc: 182.61 ng/ml



#27 AR-1254-2

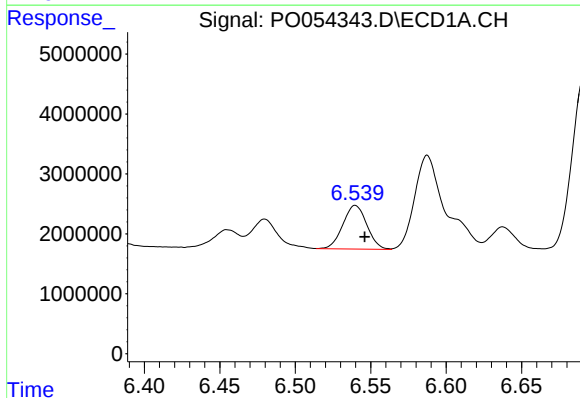
R.T.: 6.176 min
Delta R.T.: -0.007 min
Response: 15585446
Conc: 160.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



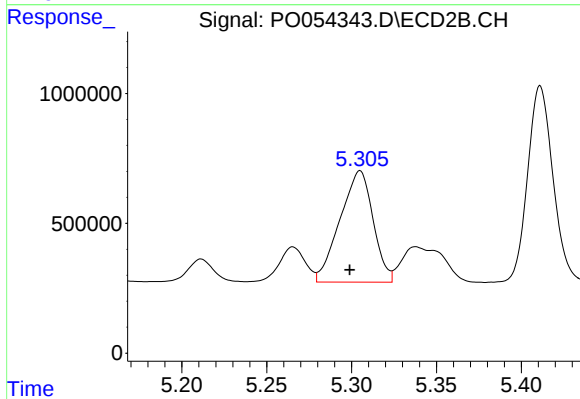
#27 AR-1254-2

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 2935349
Conc: 195.98 ng/ml



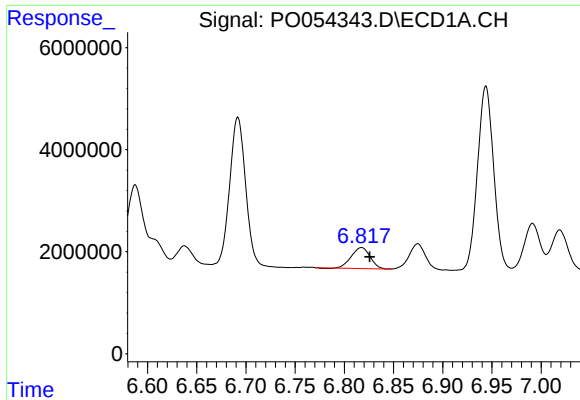
#28 AR-1254-3

R.T.: 6.540 min
Delta R.T.: -0.006 min
Response: 8102833
Conc: 81.85 ng/ml



#28 AR-1254-3

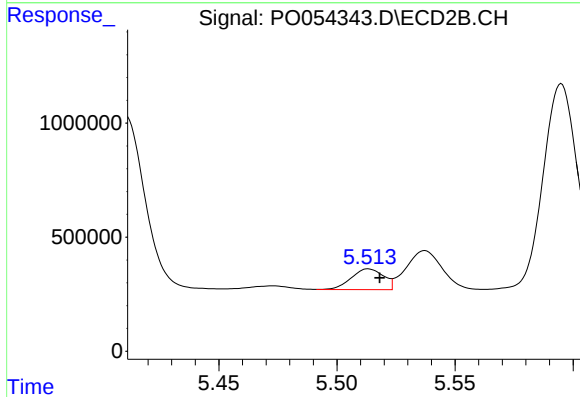
R.T.: 5.305 min
Delta R.T.: 0.006 min
Response: 5822522
Conc: 241.88 ng/ml



#29 AR-1254-4

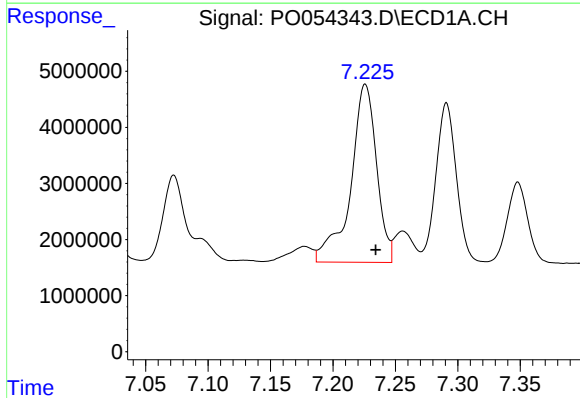
R.T.: 6.817 min
Delta R.T.: -0.008 min
Response: 5521389
Conc: 74.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



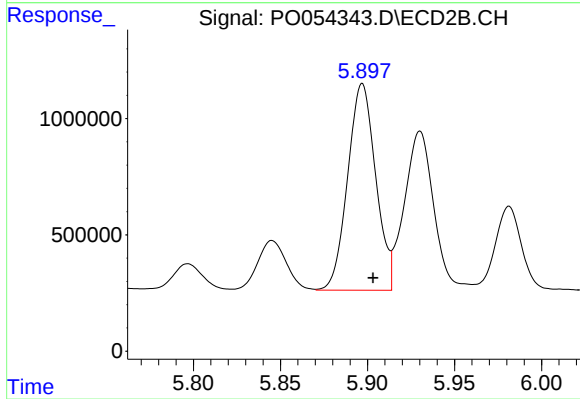
#29 AR-1254-4

R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 862340
Conc: 54.40 ng/ml



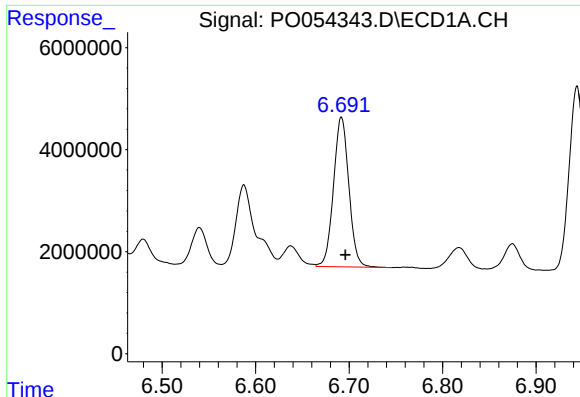
#30 AR-1254-5

R.T.: 7.226 min
Delta R.T.: -0.008 min
Response: 45907495
Conc: 675.96 ng/ml



#30 AR-1254-5

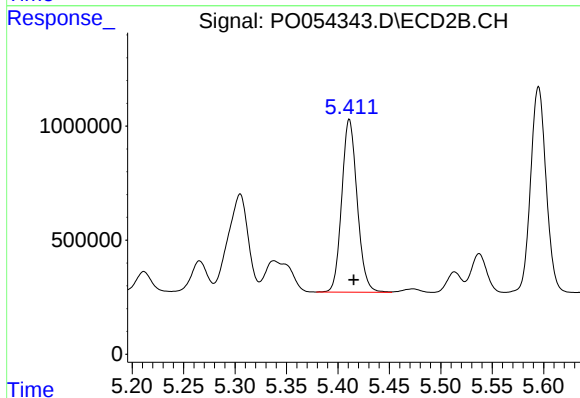
R.T.: 5.897 min
Delta R.T.: -0.006 min
Response: 9944960
Conc: 504.68 ng/ml



#31 AR-1260-1

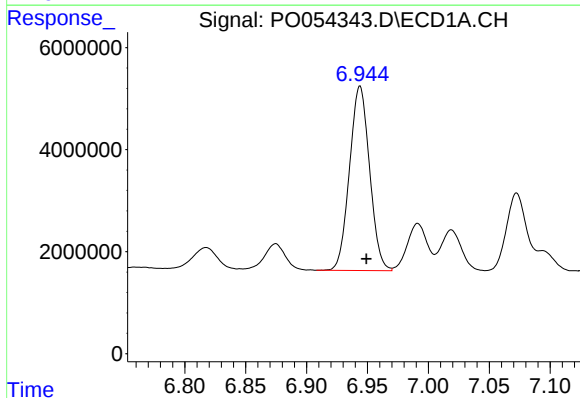
R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 33510655
Conc: 467.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



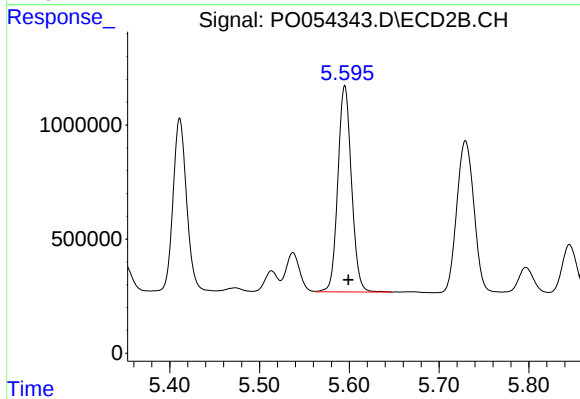
#31 AR-1260-1

R.T.: 5.411 min
Delta R.T.: -0.004 min
Response: 7929663
Conc: 443.67 ng/ml



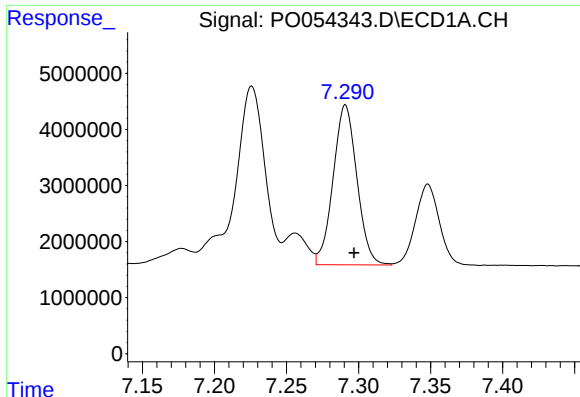
#32 AR-1260-2

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 41493084
Conc: 461.47 ng/ml



#32 AR-1260-2

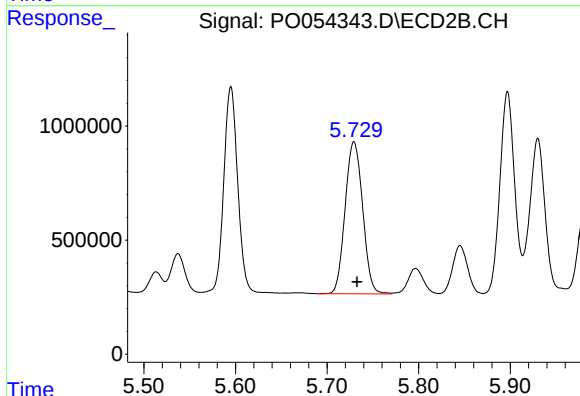
R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 9523868
Conc: 439.19 ng/ml



#33 AR-1260-3

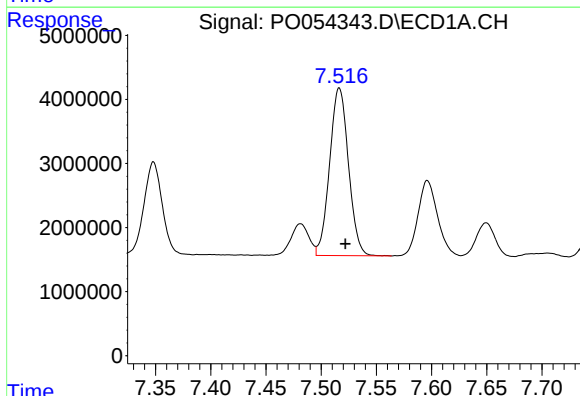
R.T.: 7.291 min
Delta R.T.: -0.006 min
Response: 32746720
Conc: 466.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



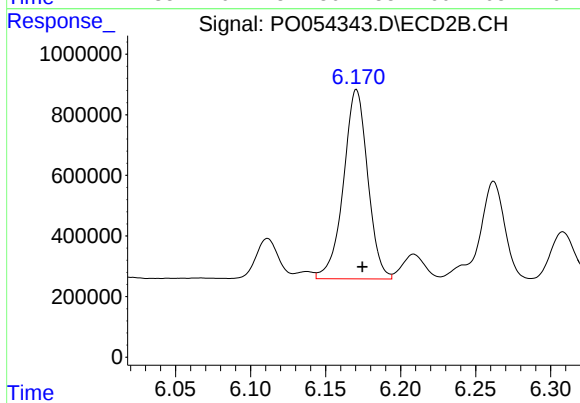
#33 AR-1260-3

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 8863622
Conc: 453.85 ng/ml



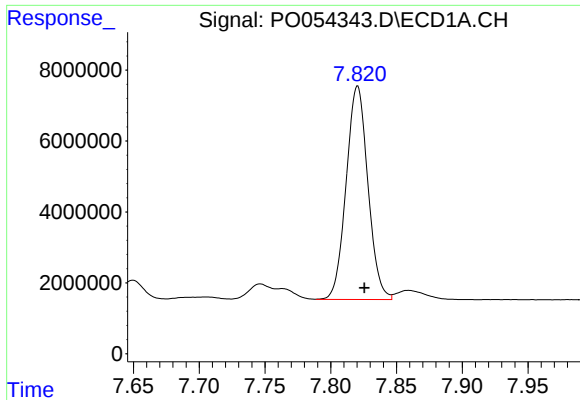
#34 AR-1260-4

R.T.: 7.516 min
Delta R.T.: -0.006 min
Response: 31119432
Conc: 467.44 ng/ml



#34 AR-1260-4

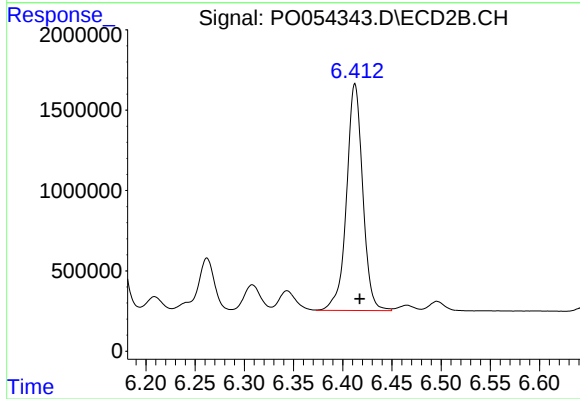
R.T.: 6.171 min
Delta R.T.: -0.004 min
Response: 7034239
Conc: 463.55 ng/ml



#35 AR-1260-5

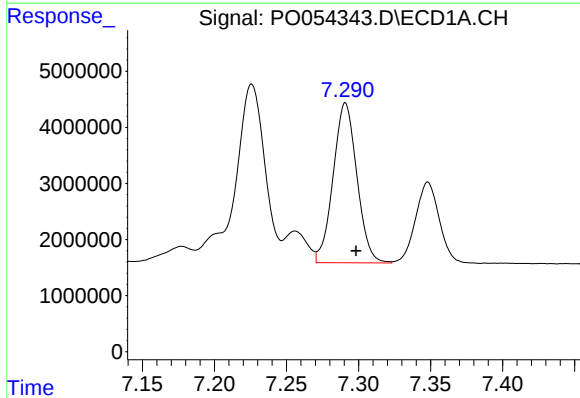
R.T.: 7.820 min
Delta R.T.: -0.005 min
Response: 69314405
Conc: 457.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



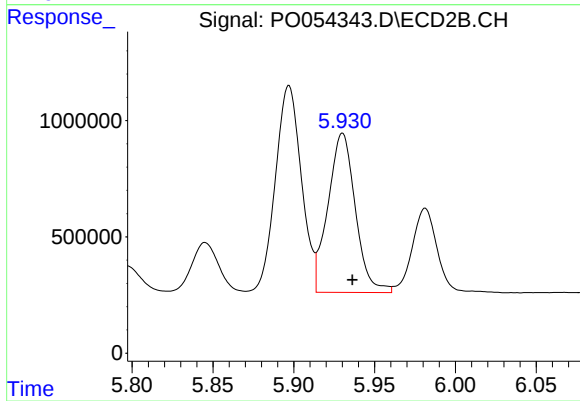
#35 AR-1260-5

R.T.: 6.412 min
Delta R.T.: -0.005 min
Response: 16169849
Conc: 448.61 ng/ml



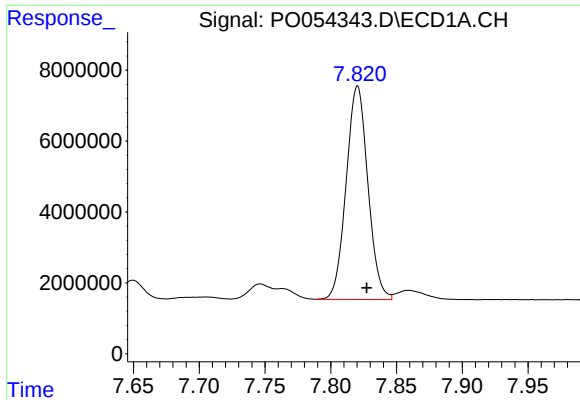
#36 AR-1262-1

R.T.: 7.291 min
Delta R.T.: -0.007 min
Response: 32746720
Conc: 338.38 ng/ml



#36 AR-1262-1

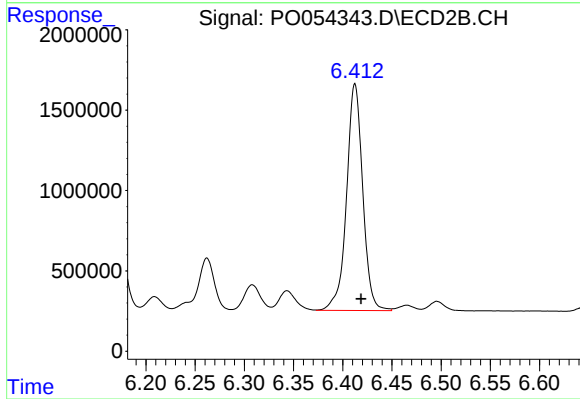
R.T.: 5.930 min
Delta R.T.: -0.006 min
Response: 8079362
Conc: 370.73 ng/ml



#37 AR-1262-2

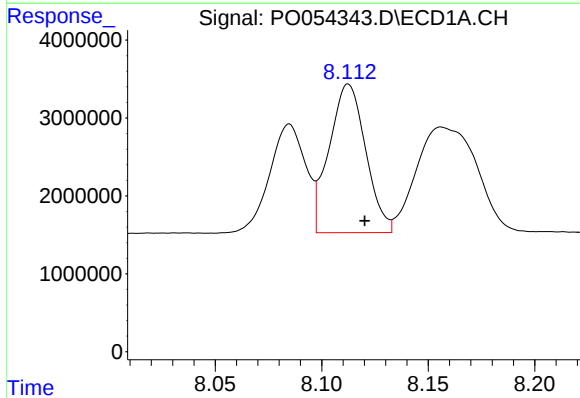
R.T.: 7.820 min
Delta R.T.: -0.007 min
Response: 69314405
Conc: 429.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



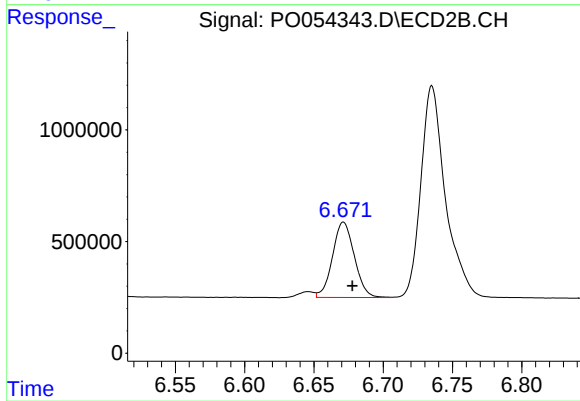
#37 AR-1262-2

R.T.: 6.412 min
Delta R.T.: -0.006 min
Response: 16169849
Conc: 446.15 ng/ml



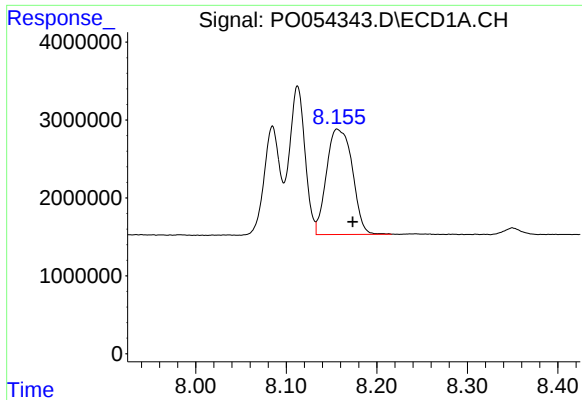
#38 AR-1262-3

R.T.: 8.113 min
Delta R.T.: -0.008 min
Response: 22770744
Conc: 664.99 ng/ml



#38 AR-1262-3

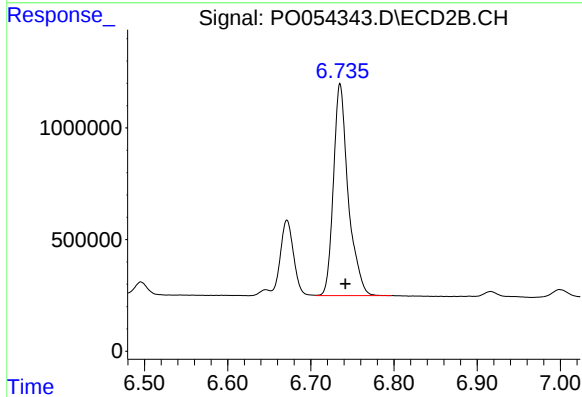
R.T.: 6.671 min
Delta R.T.: -0.006 min
Response: 3708130
Conc: 257.79 ng/ml



#39 AR-1262-4

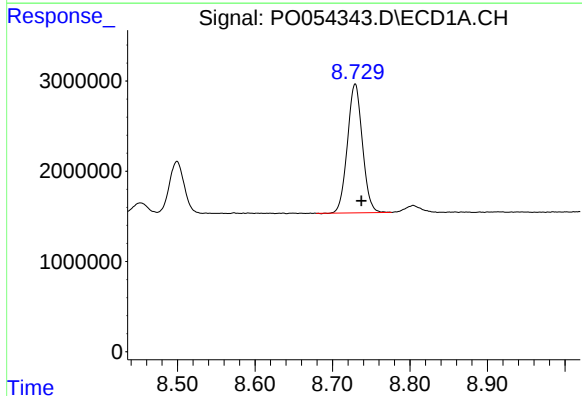
R.T.: 8.156 min
Delta R.T.: -0.017 min
Response: 26784768
Conc: 334.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



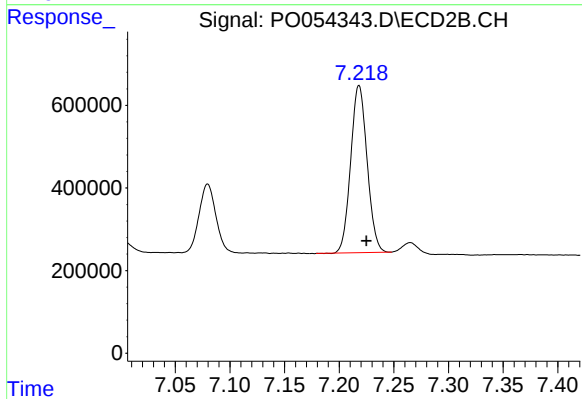
#39 AR-1262-4

R.T.: 6.735 min
Delta R.T.: -0.007 min
Response: 11689083
Conc: 438.92 ng/ml



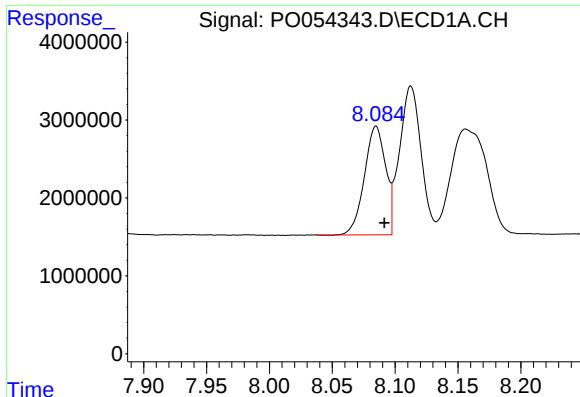
#40 AR-1262-5

R.T.: 8.729 min
Delta R.T.: -0.008 min
Response: 19164301
Conc: 348.50 ng/ml



#40 AR-1262-5

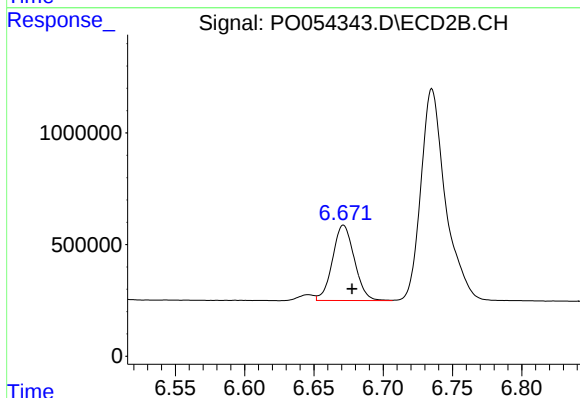
R.T.: 7.218 min
Delta R.T.: -0.007 min
Response: 4232961
Conc: 337.40 ng/ml



#41 AR-1268-1

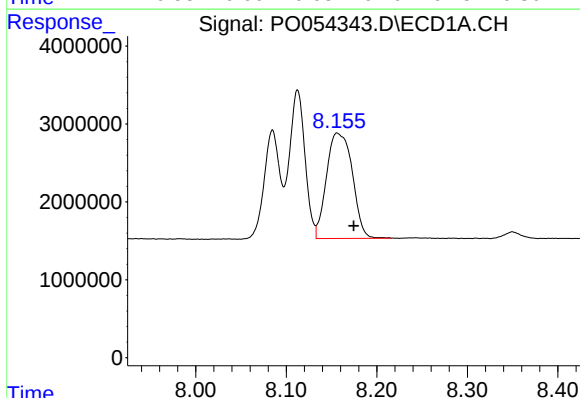
R.T.: 8.085 min
Delta R.T.: -0.007 min
Response: 16364638
Conc: 85.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



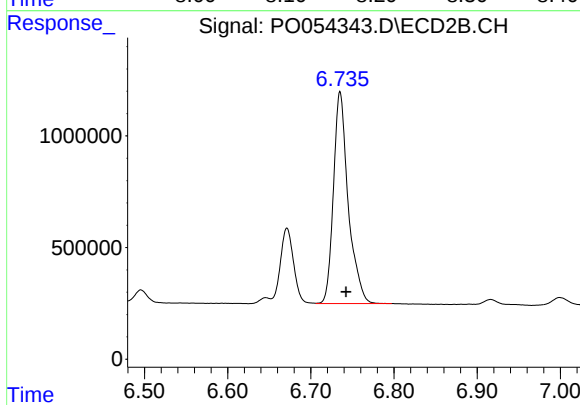
#41 AR-1268-1

R.T.: 6.671 min
Delta R.T.: -0.006 min
Response: 3708130
Conc: 90.18 ng/ml



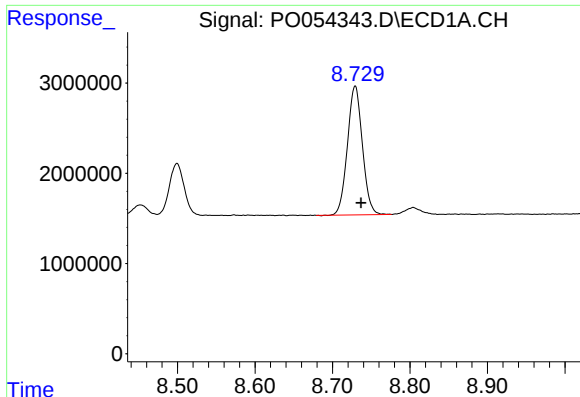
#42 AR-1268-2

R.T.: 8.156 min
Delta R.T.: -0.018 min
Response: 26784768
Conc: 149.74 ng/ml



#42 AR-1268-2

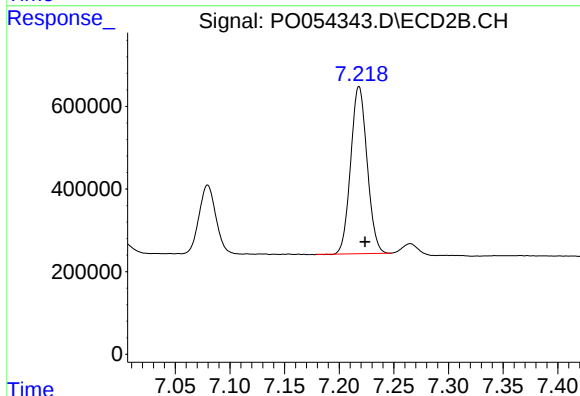
R.T.: 6.735 min
Delta R.T.: -0.007 min
Response: 11689083
Conc: 300.83 ng/ml



#44 AR-1268-4

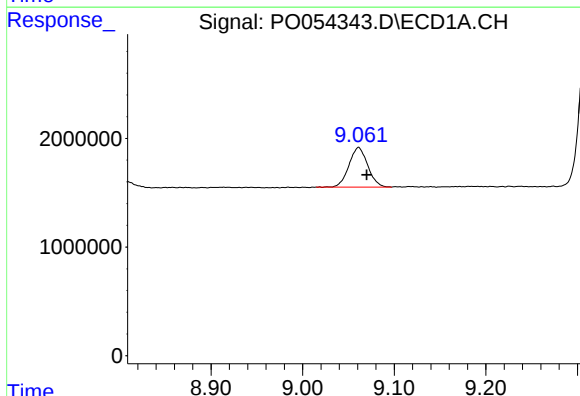
R.T.: 8.729 min
Delta R.T.: -0.008 min
Response: 19164301
Conc: 307.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



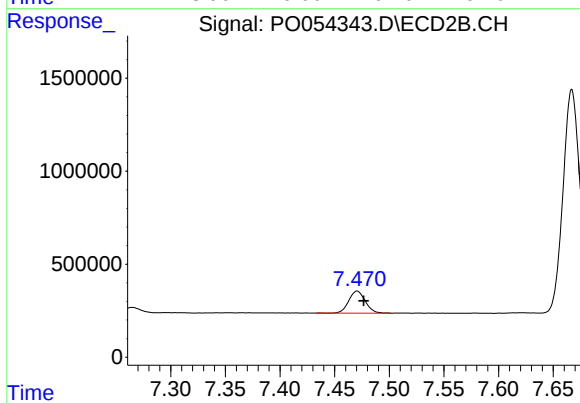
#44 AR-1268-4

R.T.: 7.218 min
Delta R.T.: -0.006 min
Response: 4232961
Conc: 302.08 ng/ml



#45 AR-1268-5

R.T.: 9.061 min
Delta R.T.: -0.009 min
Response: 5211243
Conc: 11.12 ng/ml



#45 AR-1268-5

R.T.: 7.471 min
Delta R.T.: -0.006 min
Response: 1246693
Conc: 12.74 ng/ml