

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122719\
 Data File : P0065070.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Dec 2019 5:12
 Operator : SM/AJ
 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: Dec 28 05:43:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0122619.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 26 13:32:04 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...	4.171	3.445	1204205	1544126	51.270	54.820
2)	SA Decachlor...	9.680	8.356	1207028	1652028	47.543	50.427
Target Compounds							
3)	L1 AR-1016-1	5.322	4.507	515897	668197	460.395	490.481
4)	L1 AR-1016-2	5.343	4.525	772228	954894	477.110	510.590
5)	L1 AR-1016-3	5.404	4.697	466209	501716	470.697	502.166
6)	L1 AR-1016-4	5.501	4.740	384100	388650	484.433	444.529
7)	L1 AR-1016-5	5.792	4.949	392737	624728	496.300	559.655
8)	L2 AR-1221-1	4.374	3.654	39896	54206	173.320	195.405
9)	L2 AR-1221-2	4.465	3.738	61560	77799	345.534	366.546
10)	L2 AR-1221-3	4.538	3.812	237383	309510	417.898	449.237
11)	L3 AR-1232-1	4.538	3.812	237383	309510	240.734	264.696
12)	L3 AR-1232-2	5.056	4.525	353588	954894	682.603	690.584
13)	L3 AR-1232-3	5.343	4.697	772228	501716	661.387	702.759
14)	L3 AR-1232-4	5.501	4.780	384100	513812	674.237	757.471
15)	L3 AR-1232-5	5.591	4.949	312866	624728	778.624	850.524
16)	L4 AR-1242-1	5.322	4.507	515897	668197	658.525	709.510
17)	L4 AR-1242-2	5.343	4.525	772228	954894	680.472	723.551
18)	L4 AR-1242-3	5.404	4.697	466209	501716	662.284	715.471
19)	L4 AR-1242-4	5.501	4.780	384100	513812	680.077	693.881
20)	L4 AR-1242-5	6.230	5.296	67824	492186	94.617	490.289 #
21)	L5 AR-1248-1	5.322	4.507	515897	668197	846.594	890.438
22)	L5 AR-1248-2	5.591	4.740	312866	388650	355.854	370.465
23)	L5 AR-1248-3	5.792	4.780	392737	513812	399.633	473.332
24)	L5 AR-1248-4	6.191	4.949	88903	624728	72.417	477.558 #
25)	L5 AR-1248-5	6.230	5.296	67824	492186	57.565	249.977 #
26)	L6 AR-1254-1	6.164	5.296	309253	492186	242.816	217.436
27)	L6 AR-1254-2	6.380	5.442	301686	504763	150.756	250.429 #
28)	L6 AR-1254-3	6.745	5.855	211941	789636	94.795	233.711 #
29)	L6 AR-1254-4	7.026	6.068	188403	129806	111.775	60.103 #
30)	L6 AR-1254-5	7.442	6.481	1001837	1343199	512.693	446.314
31)	L7 AR-1260-1	6.905	5.969	711320	1082129	443.003	491.941
32)	L7 AR-1260-2	7.161	6.157	892753	1287263	461.626	465.851
33)	L7 AR-1260-3	7.517	6.308	662653	1124021	460.539	459.456
34)	L7 AR-1260-4	7.740	6.775	748961	962048	440.613	477.177
35)	L7 AR-1260-5	8.046	7.017	1409166	2218129	436.084	471.827
36)	L8 AR-1262-1	7.517	6.571	662653	528452	291.134	402.531 #
37)	L8 AR-1262-2	8.046	7.017	1409166	2218129	366.076	395.253
38)	L8 AR-1262-3	8.345	7.297	910468	479143	348.671	228.770 #
39)	L8 AR-1262-4	8.414	7.360	239151	1598866	120.283	403.038 #
40)	L8 AR-1262-5	9.012	7.853	389313	546687	291.716	329.629
41)	L9 AR-1268-1	8.345	7.297	910468	479143	214.608	80.705 #
42)	L9 AR-1268-2	8.414	7.360	239151	1598866	61.760	298.562 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0122719\
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 Operator : SM/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

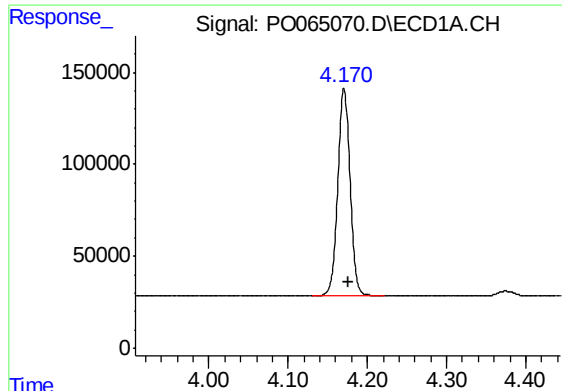
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 05:43:17 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
43) L9	AR-1268-3	0.000	7.565	0	28300	N.D.	6.445 #
44) L9	AR-1268-4	9.012	7.853	389313	546687	290.266	316.597
45) L9	AR-1268-5	9.383	8.124	111443	146165	12.229	11.878

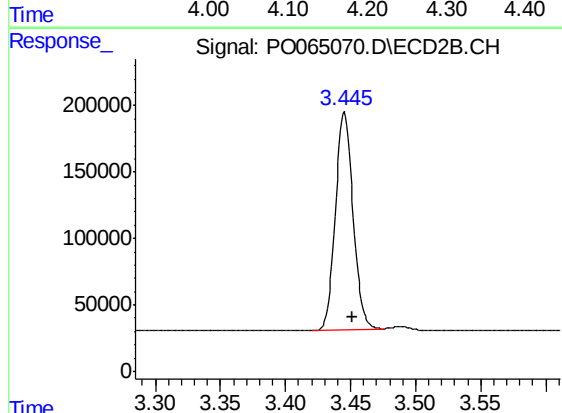
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

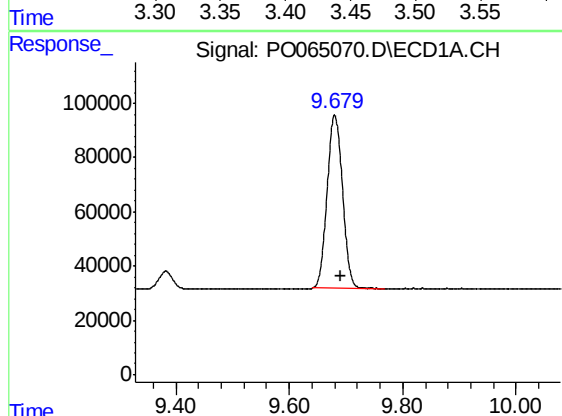
R.T.: 4.171 min
Delta R.T.: -0.006 min
Response: 1204205
Conc: 51.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



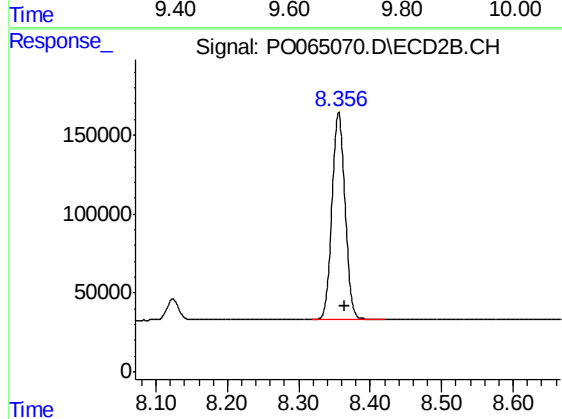
#1 Tetrachloro-m-xylene

R.T.: 3.445 min
Delta R.T.: -0.007 min
Response: 1544126
Conc: 54.82 ng/ml



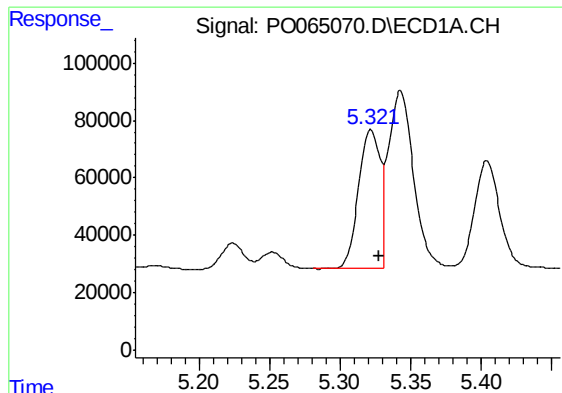
#2 Decachlorobiphenyl

R.T.: 9.680 min
Delta R.T.: -0.011 min
Response: 1207028
Conc: 47.54 ng/ml



#2 Decachlorobiphenyl

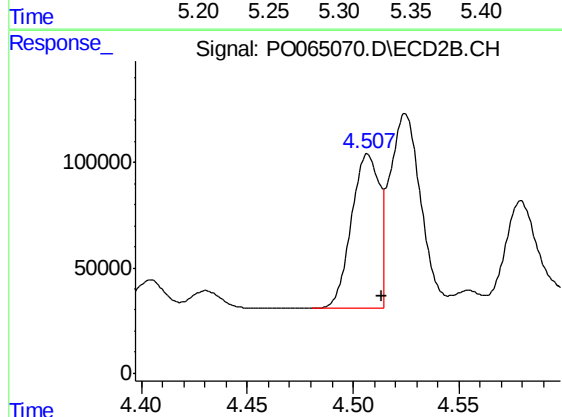
R.T.: 8.356 min
Delta R.T.: -0.008 min
Response: 1652028
Conc: 50.43 ng/ml



#3 AR-1016-1

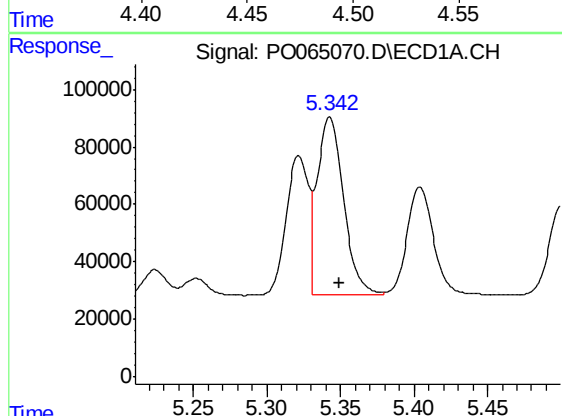
R.T.: 5.322 min
Delta R.T.: -0.006 min
Response: 515897
Conc: 460.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



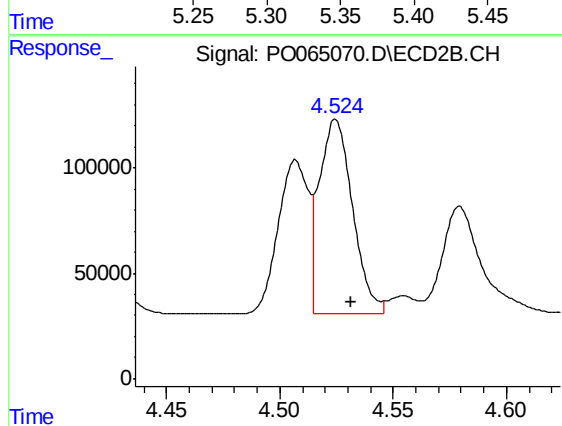
#3 AR-1016-1

R.T.: 4.507 min
Delta R.T.: -0.007 min
Response: 668197
Conc: 490.48 ng/ml



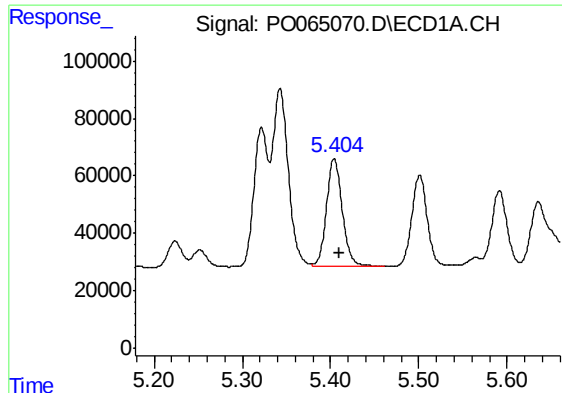
#4 AR-1016-2

R.T.: 5.343 min
Delta R.T.: -0.007 min
Response: 772228
Conc: 477.11 ng/ml



#4 AR-1016-2

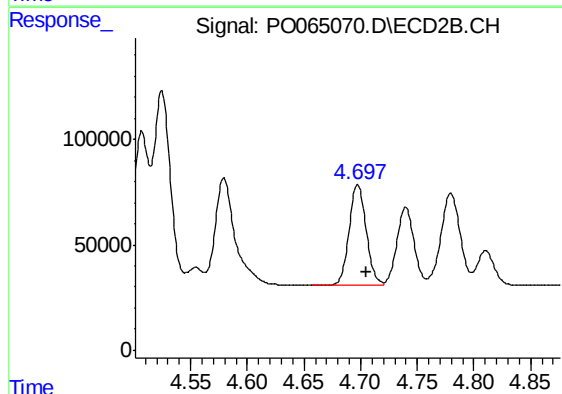
R.T.: 4.525 min
Delta R.T.: -0.007 min
Response: 954894
Conc: 510.59 ng/ml



#5 AR-1016-3

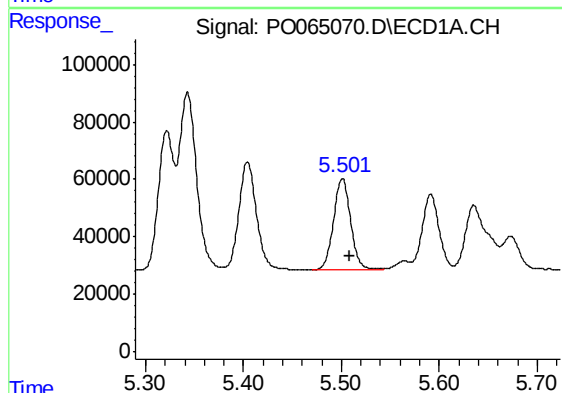
R.T.: 5.404 min
Delta R.T.: -0.006 min
Response: 466209
Conc: 470.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



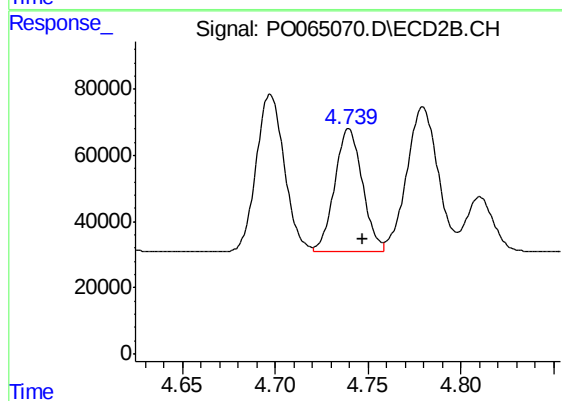
#5 AR-1016-3

R.T.: 4.697 min
Delta R.T.: -0.007 min
Response: 501716
Conc: 502.17 ng/ml



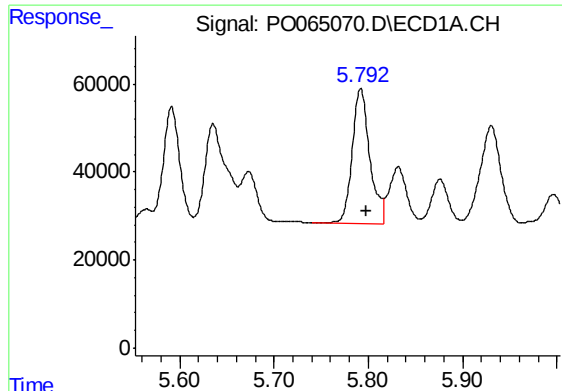
#6 AR-1016-4

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 384100
Conc: 484.43 ng/ml



#6 AR-1016-4

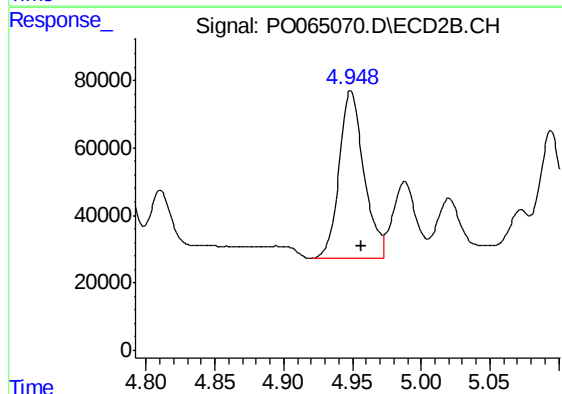
R.T.: 4.740 min
Delta R.T.: -0.007 min
Response: 388650
Conc: 444.53 ng/ml



#7 AR-1016-5

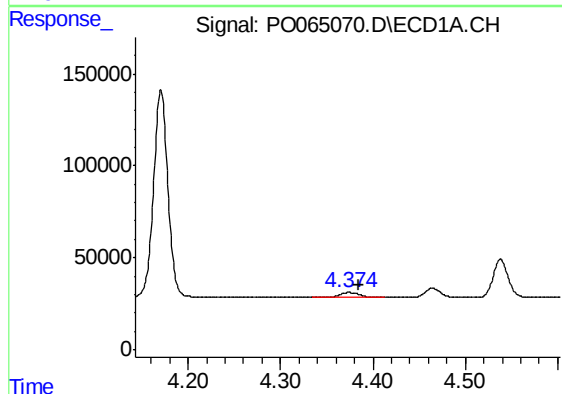
R.T.: 5.792 min
Delta R.T.: -0.006 min
Response: 392737
Conc: 496.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



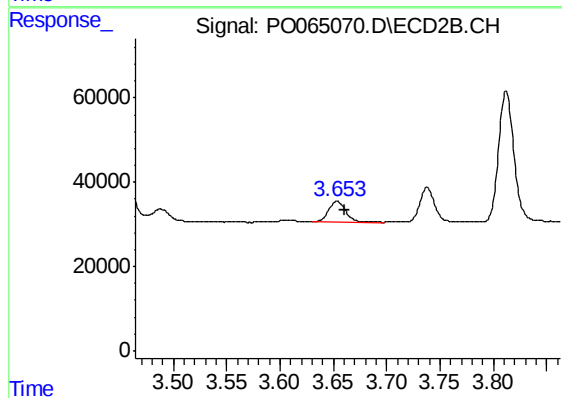
#7 AR-1016-5

R.T.: 4.949 min
Delta R.T.: -0.008 min
Response: 624728
Conc: 559.65 ng/ml



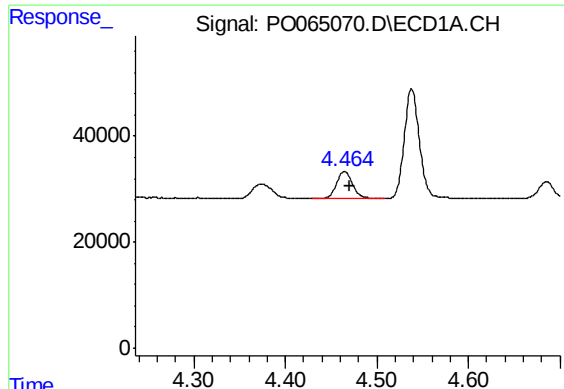
#8 AR-1221-1

R.T.: 4.374 min
Delta R.T.: -0.011 min
Response: 39896
Conc: 173.32 ng/ml



#8 AR-1221-1

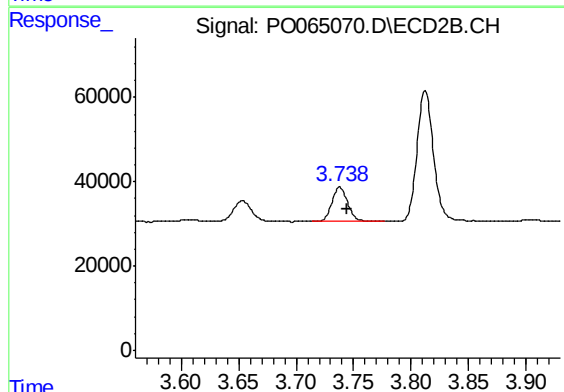
R.T.: 3.654 min
Delta R.T.: -0.007 min
Response: 54206
Conc: 195.41 ng/ml



#9 AR-1221-2

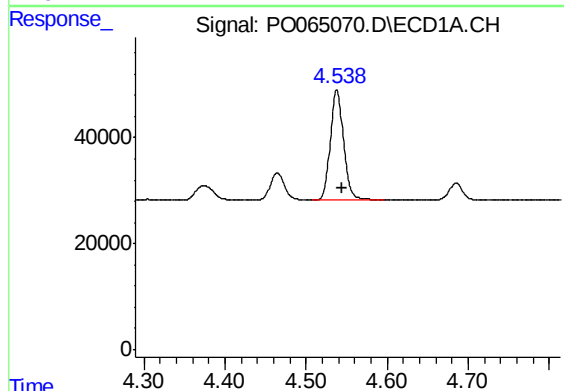
R.T.: 4.465 min
Delta R.T.: -0.005 min
Response: 61560
Conc: 345.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



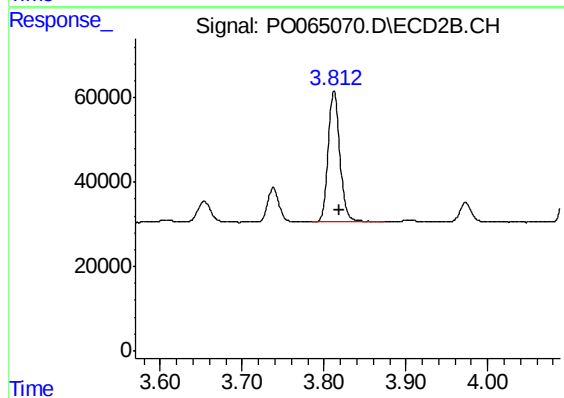
#9 AR-1221-2

R.T.: 3.738 min
Delta R.T.: -0.007 min
Response: 77799
Conc: 366.55 ng/ml



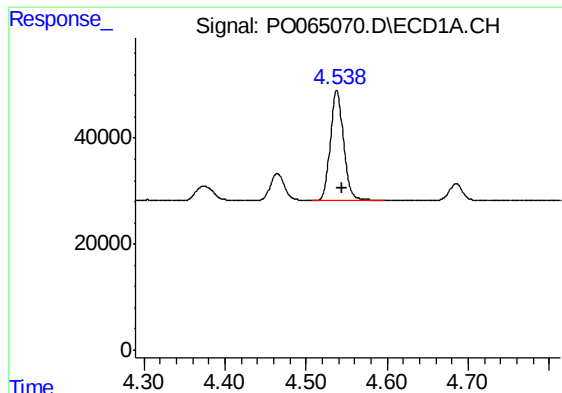
#10 AR-1221-3

R.T.: 4.538 min
Delta R.T.: -0.007 min
Response: 237383
Conc: 417.90 ng/ml



#10 AR-1221-3

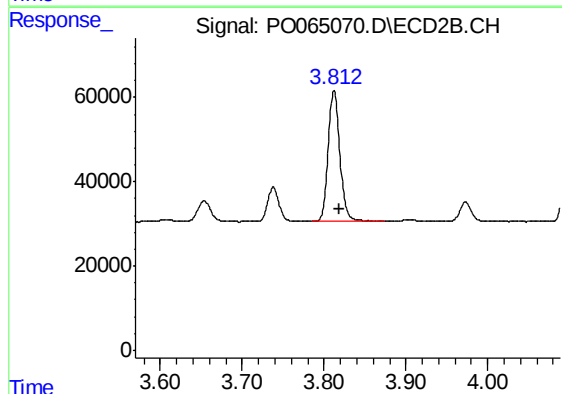
R.T.: 3.812 min
Delta R.T.: -0.007 min
Response: 309510
Conc: 449.24 ng/ml



#11 AR-1232-1

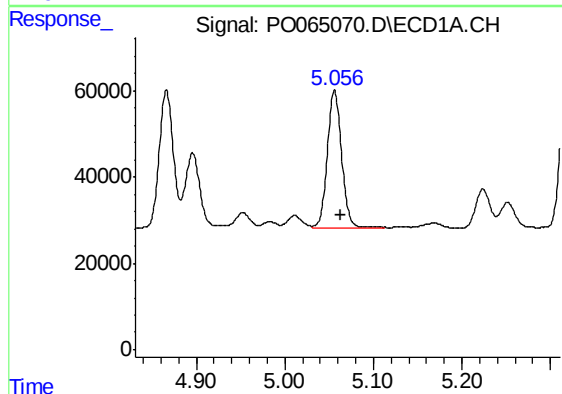
R.T.: 4.538 min
Delta R.T.: -0.007 min
Response: 237383
Conc: 240.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



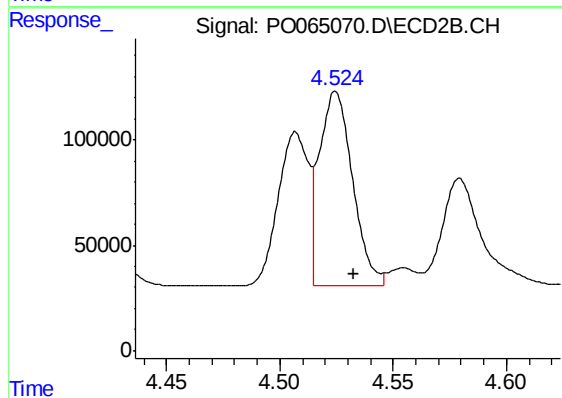
#11 AR-1232-1

R.T.: 3.812 min
Delta R.T.: -0.007 min
Response: 309510
Conc: 264.70 ng/ml



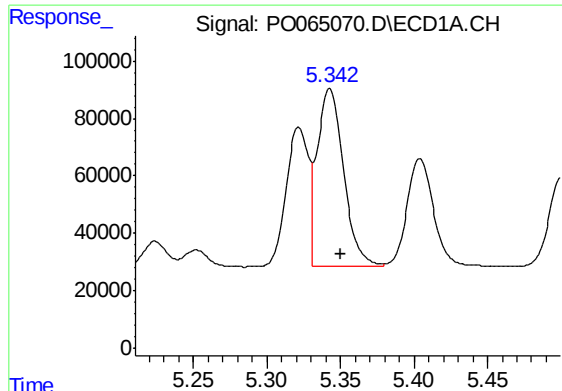
#12 AR-1232-2

R.T.: 5.056 min
Delta R.T.: -0.008 min
Response: 353588
Conc: 682.60 ng/ml



#12 AR-1232-2

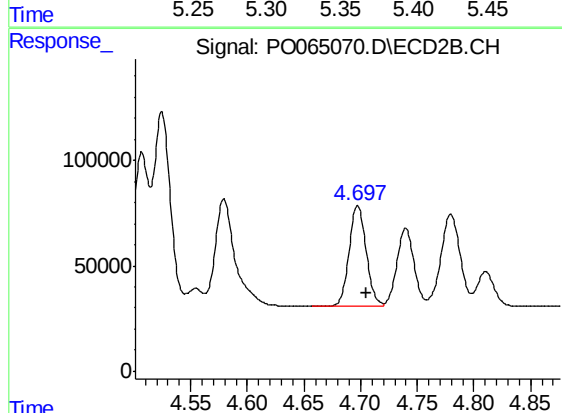
R.T.: 4.525 min
Delta R.T.: -0.008 min
Response: 954894
Conc: 690.58 ng/ml



#13 AR-1232-3

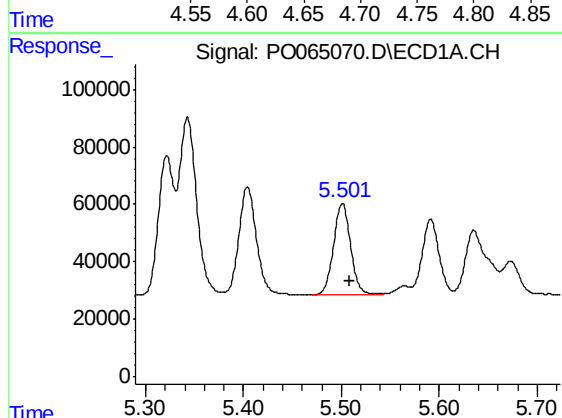
R.T.: 5.343 min
Delta R.T.: -0.008 min
Response: 772228
Conc: 661.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



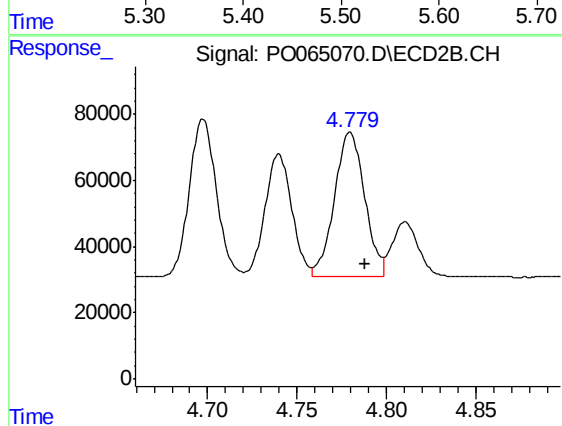
#13 AR-1232-3

R.T.: 4.697 min
Delta R.T.: -0.008 min
Response: 501716
Conc: 702.76 ng/ml



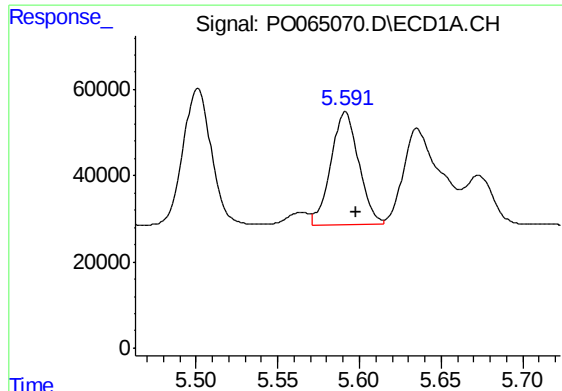
#14 AR-1232-4

R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 384100
Conc: 674.24 ng/ml



#14 AR-1232-4

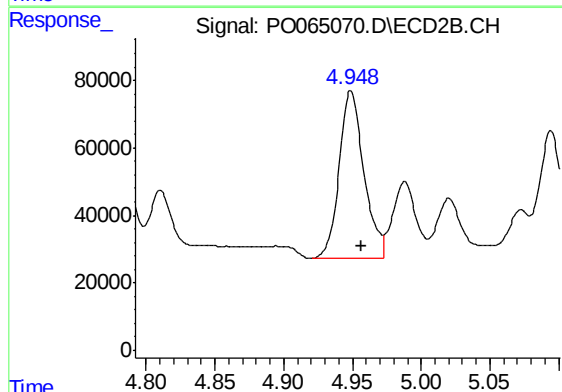
R.T.: 4.780 min
Delta R.T.: -0.008 min
Response: 513812
Conc: 757.47 ng/ml



#15 AR-1232-5

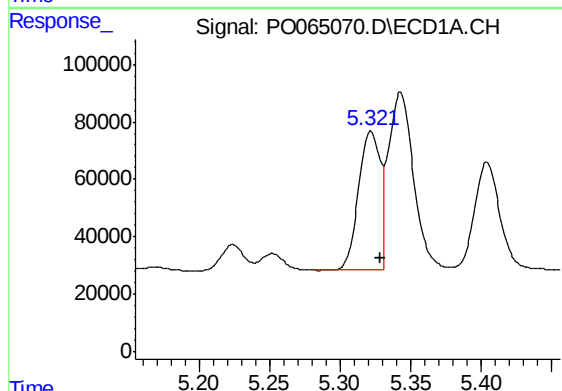
R.T.: 5.591 min
Delta R.T.: -0.007 min
Response: 312866
Conc: 778.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



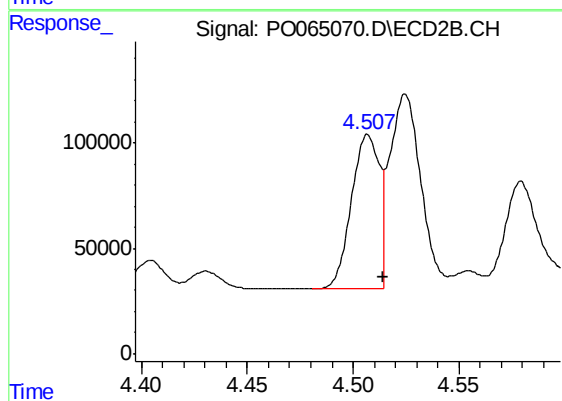
#15 AR-1232-5

R.T.: 4.949 min
Delta R.T.: -0.008 min
Response: 624728
Conc: 850.52 ng/ml



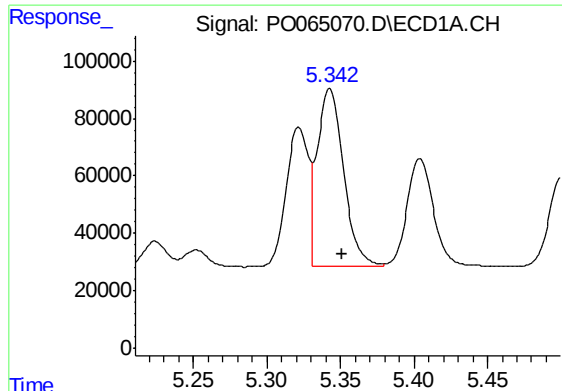
#16 AR-1242-1

R.T.: 5.322 min
Delta R.T.: -0.007 min
Response: 515897
Conc: 658.53 ng/ml



#16 AR-1242-1

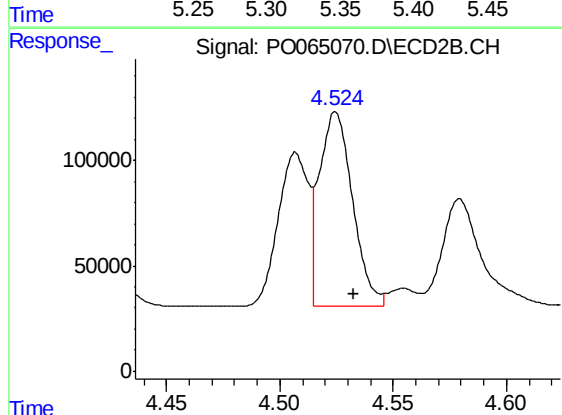
R.T.: 4.507 min
Delta R.T.: -0.007 min
Response: 668197
Conc: 709.51 ng/ml



#17 AR-1242-2

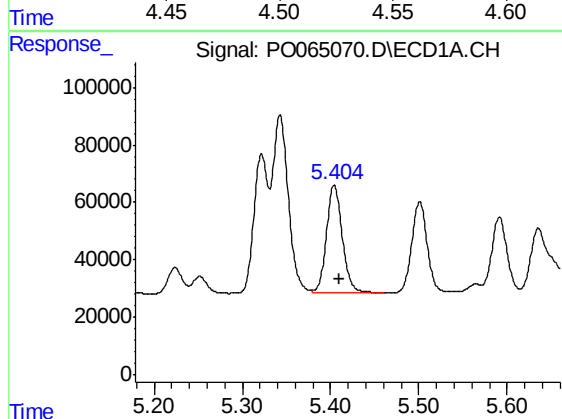
R.T.: 5.343 min
Delta R.T.: -0.008 min
Response: 772228
Conc: 680.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



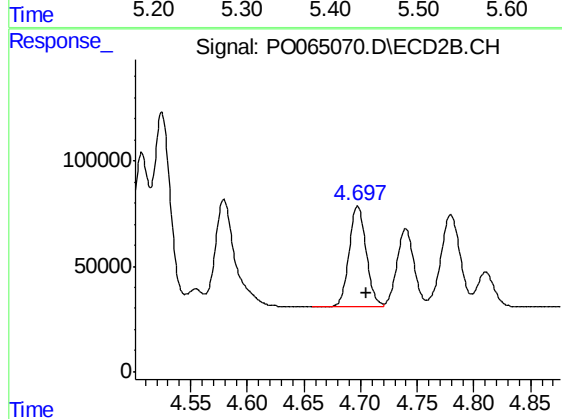
#17 AR-1242-2

R.T.: 4.525 min
Delta R.T.: -0.008 min
Response: 954894
Conc: 723.55 ng/ml



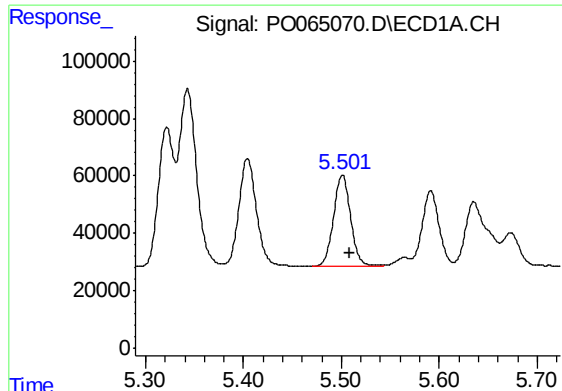
#18 AR-1242-3

R.T.: 5.404 min
Delta R.T.: -0.007 min
Response: 466209
Conc: 662.28 ng/ml



#18 AR-1242-3

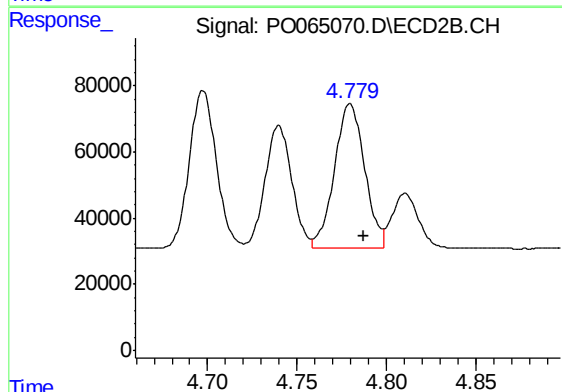
R.T.: 4.697 min
Delta R.T.: -0.008 min
Response: 501716
Conc: 715.47 ng/ml



#19 AR-1242-4

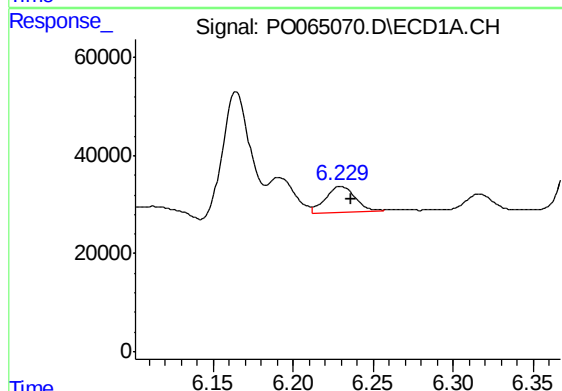
R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 384100
Conc: 680.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



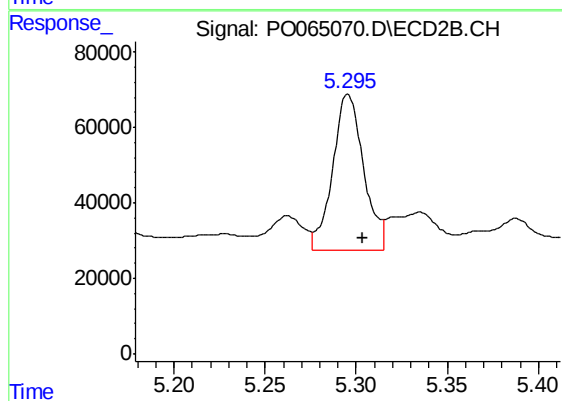
#19 AR-1242-4

R.T.: 4.780 min
Delta R.T.: -0.008 min
Response: 513812
Conc: 693.88 ng/ml



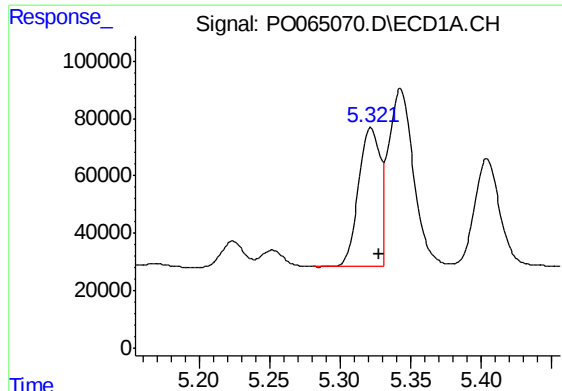
#20 AR-1242-5

R.T.: 6.230 min
Delta R.T.: -0.007 min
Response: 67824
Conc: 94.62 ng/ml



#20 AR-1242-5

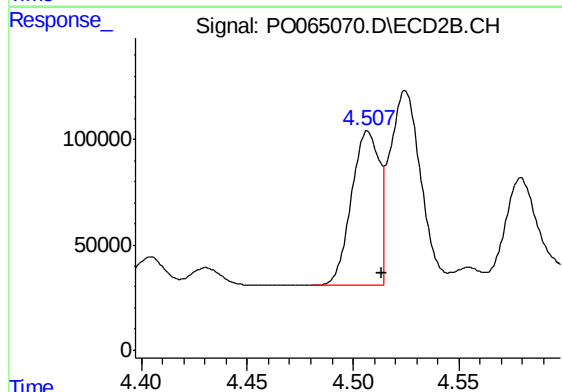
R.T.: 5.296 min
Delta R.T.: -0.008 min
Response: 492186
Conc: 490.29 ng/ml



#21 AR-1248-1

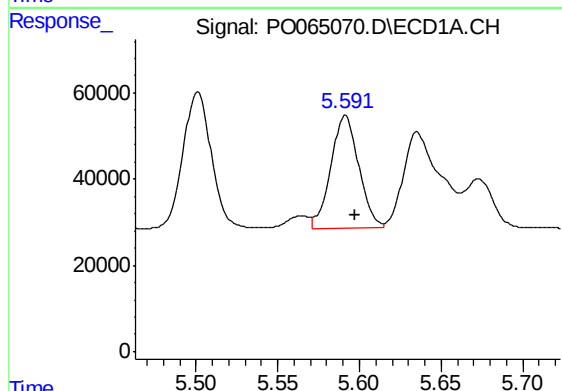
R.T.: 5.322 min
Delta R.T.: -0.006 min
Response: 515897
Conc: 846.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



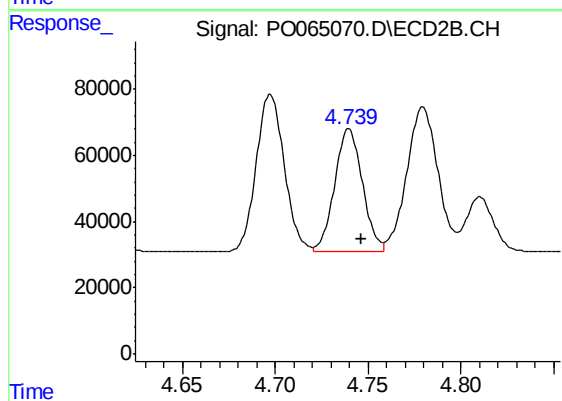
#21 AR-1248-1

R.T.: 4.507 min
Delta R.T.: -0.007 min
Response: 668197
Conc: 890.44 ng/ml



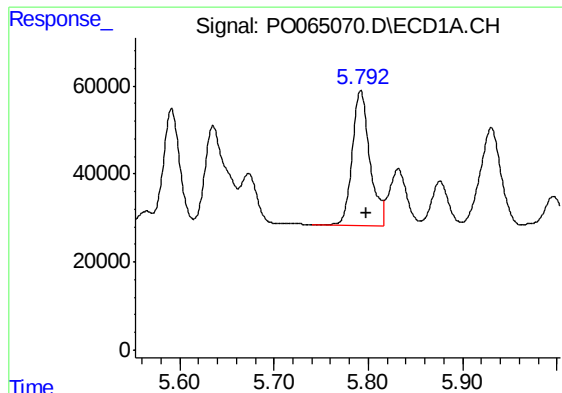
#22 AR-1248-2

R.T.: 5.591 min
Delta R.T.: -0.006 min
Response: 312866
Conc: 355.85 ng/ml



#22 AR-1248-2

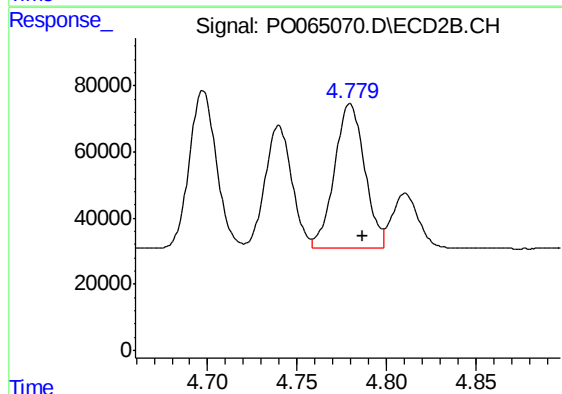
R.T.: 4.740 min
Delta R.T.: -0.006 min
Response: 388650
Conc: 370.47 ng/ml



#23 AR-1248-3

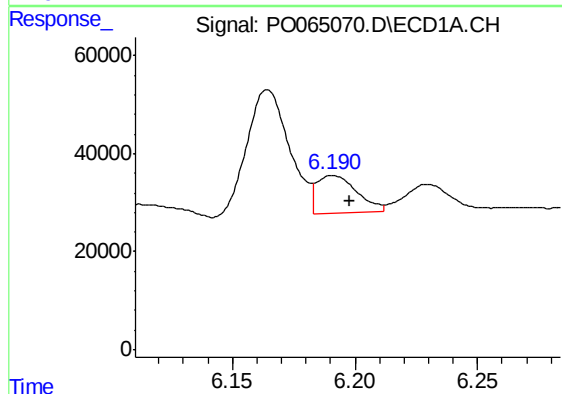
R.T.: 5.792 min
Delta R.T.: -0.006 min
Response: 392737
Conc: 399.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



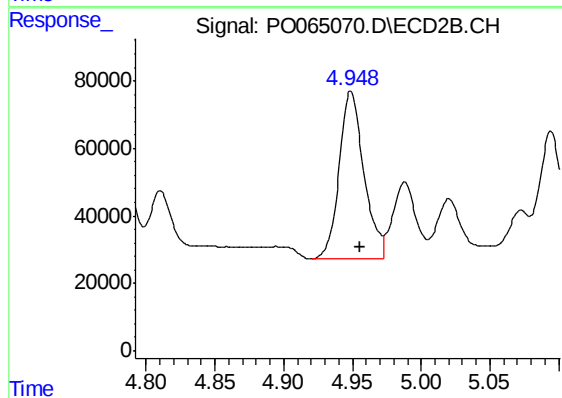
#23 AR-1248-3

R.T.: 4.780 min
Delta R.T.: -0.007 min
Response: 513812
Conc: 473.33 ng/ml



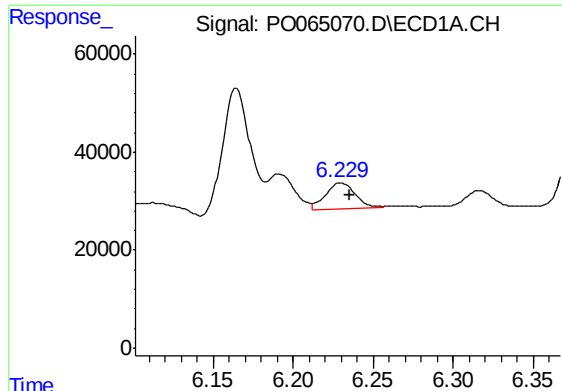
#24 AR-1248-4

R.T.: 6.191 min
Delta R.T.: -0.007 min
Response: 88903
Conc: 72.42 ng/ml



#24 AR-1248-4

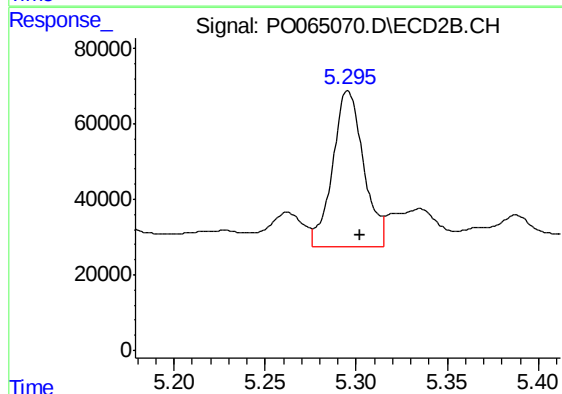
R.T.: 4.949 min
Delta R.T.: -0.006 min
Response: 624728
Conc: 477.56 ng/ml



#25 AR-1248-5

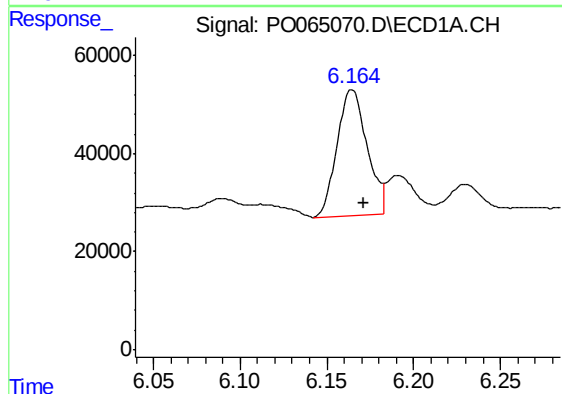
R.T.: 6.230 min
Delta R.T.: -0.006 min
Response: 67824
Conc: 57.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



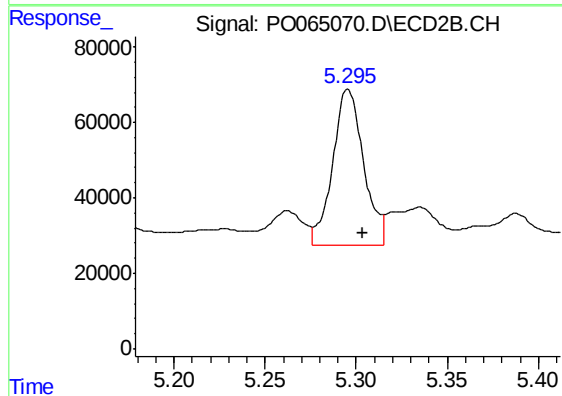
#25 AR-1248-5

R.T.: 5.296 min
Delta R.T.: -0.007 min
Response: 492186
Conc: 249.98 ng/ml



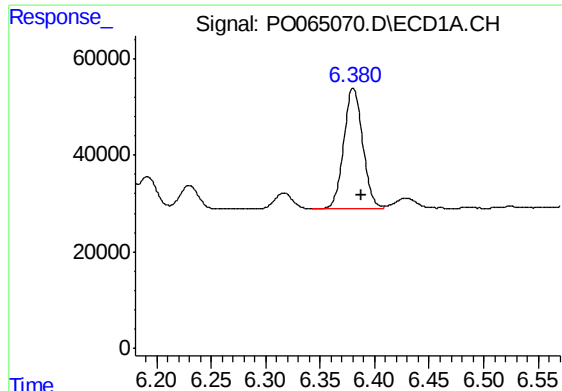
#26 AR-1254-1

R.T.: 6.164 min
Delta R.T.: -0.007 min
Response: 309253
Conc: 242.82 ng/ml



#26 AR-1254-1

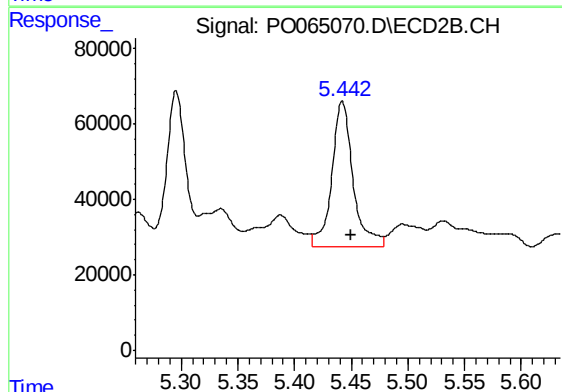
R.T.: 5.296 min
Delta R.T.: -0.008 min
Response: 492186
Conc: 217.44 ng/ml



#27 AR-1254-2

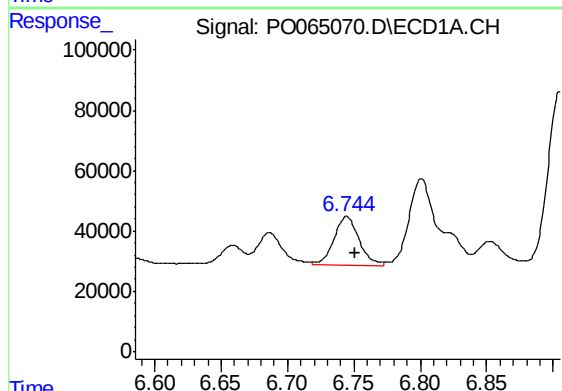
R.T.: 6.380 min
Delta R.T.: -0.008 min
Response: 301686
Conc: 150.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



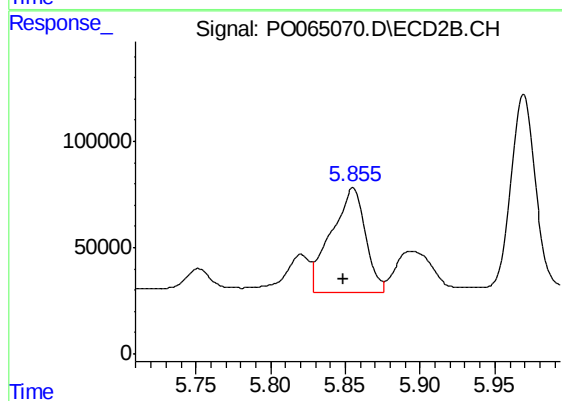
#27 AR-1254-2

R.T.: 5.442 min
Delta R.T.: -0.008 min
Response: 504763
Conc: 250.43 ng/ml



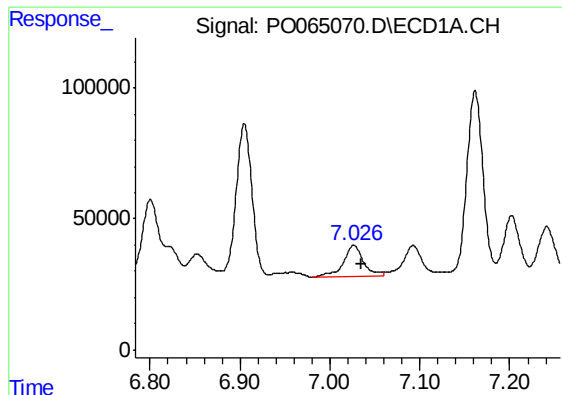
#28 AR-1254-3

R.T.: 6.745 min
Delta R.T.: -0.006 min
Response: 211941
Conc: 94.80 ng/ml



#28 AR-1254-3

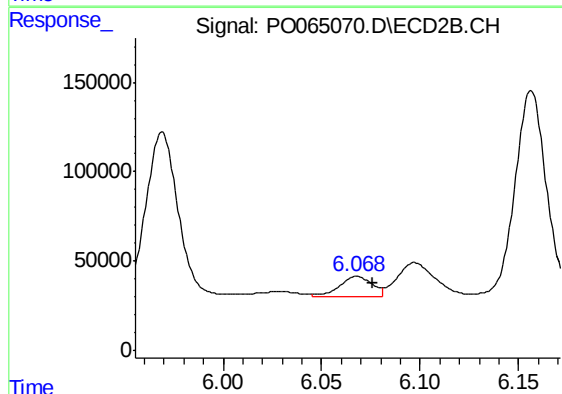
R.T.: 5.855 min
Delta R.T.: 0.007 min
Response: 789636
Conc: 233.71 ng/ml



#29 AR-1254-4

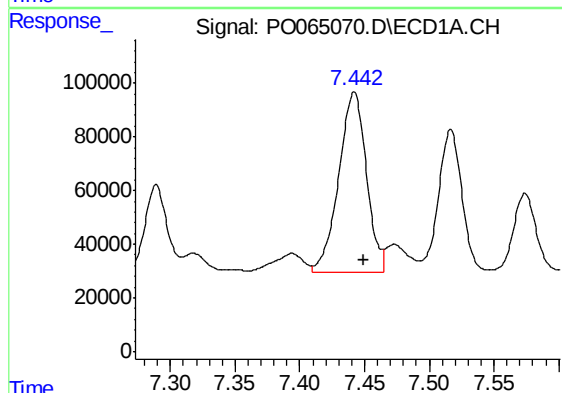
R.T.: 7.026 min
Delta R.T.: -0.008 min
Response: 188403
Conc: 111.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



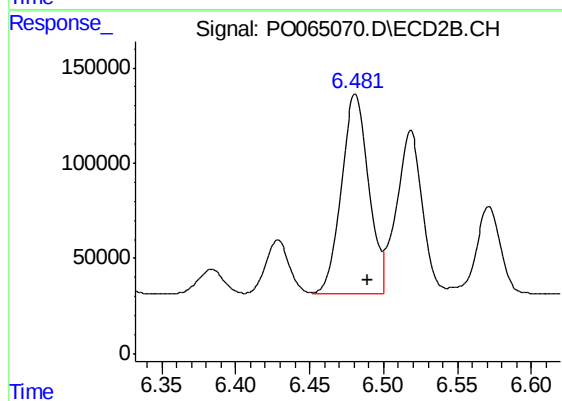
#29 AR-1254-4

R.T.: 6.068 min
Delta R.T.: -0.008 min
Response: 129806
Conc: 60.10 ng/ml



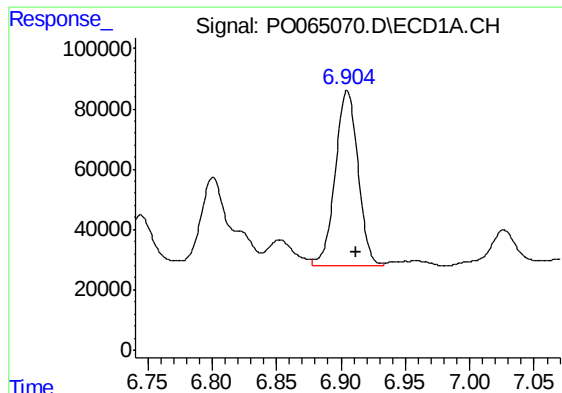
#30 AR-1254-5

R.T.: 7.442 min
Delta R.T.: -0.007 min
Response: 1001837
Conc: 512.69 ng/ml



#30 AR-1254-5

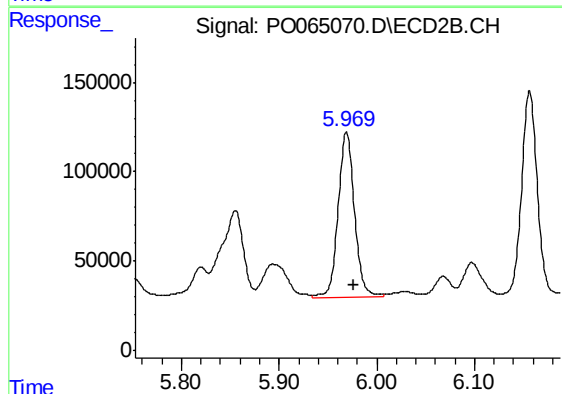
R.T.: 6.481 min
Delta R.T.: -0.008 min
Response: 1343199
Conc: 446.31 ng/ml



#31 AR-1260-1

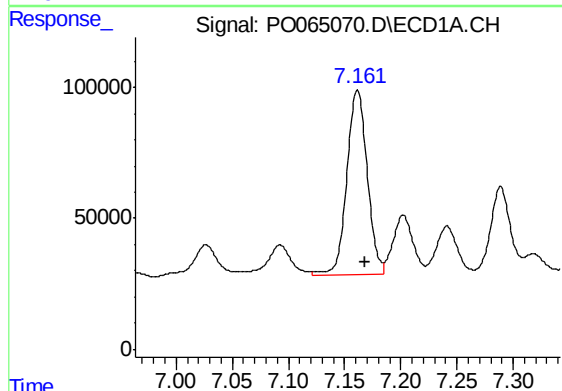
R.T.: 6.905 min
Delta R.T.: -0.007 min
Response: 711320
Conc: 443.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



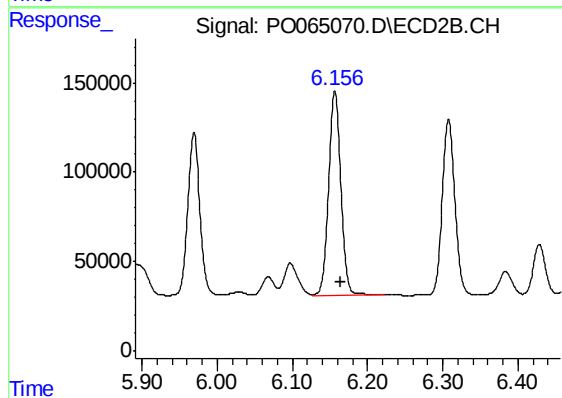
#31 AR-1260-1

R.T.: 5.969 min
Delta R.T.: -0.008 min
Response: 1082129
Conc: 491.94 ng/ml



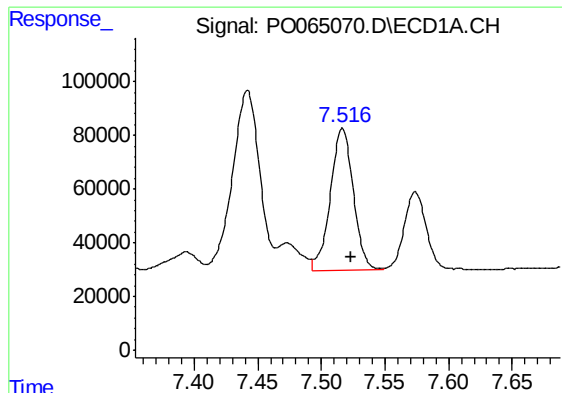
#32 AR-1260-2

R.T.: 7.161 min
Delta R.T.: -0.007 min
Response: 892753
Conc: 461.63 ng/ml



#32 AR-1260-2

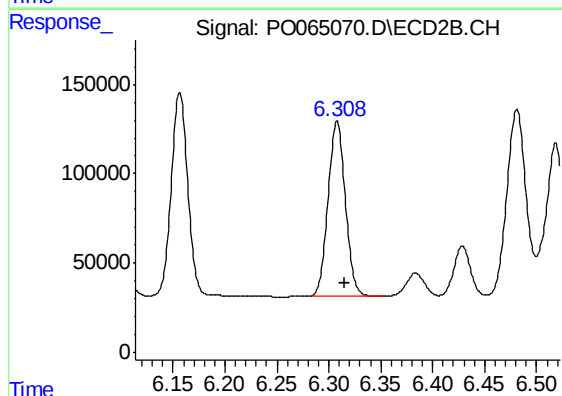
R.T.: 6.157 min
Delta R.T.: -0.007 min
Response: 1287263
Conc: 465.85 ng/ml



#33 AR-1260-3

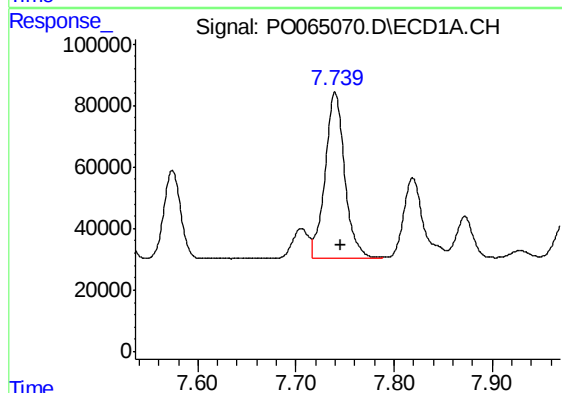
R.T.: 7.517 min
Delta R.T.: -0.007 min
Response: 662653
Conc: 460.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



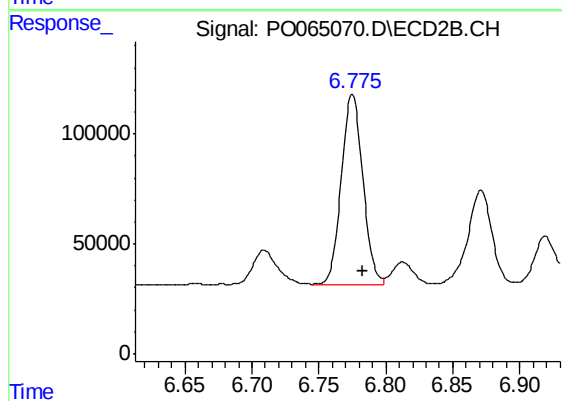
#33 AR-1260-3

R.T.: 6.308 min
Delta R.T.: -0.008 min
Response: 1124021
Conc: 459.46 ng/ml



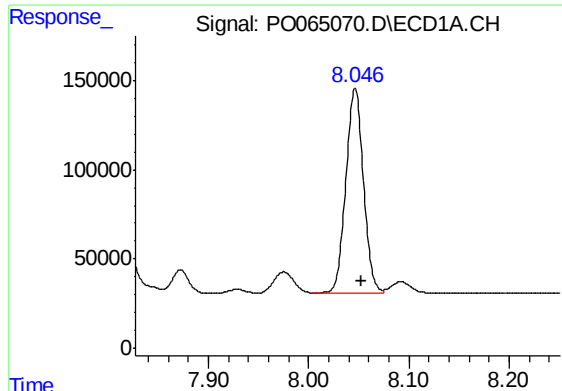
#34 AR-1260-4

R.T.: 7.740 min
Delta R.T.: -0.006 min
Response: 748961
Conc: 440.61 ng/ml



#34 AR-1260-4

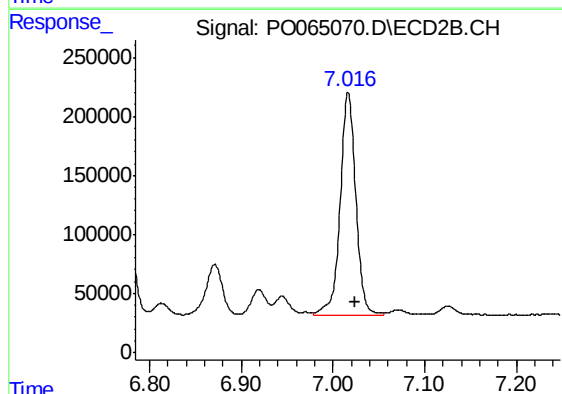
R.T.: 6.775 min
Delta R.T.: -0.007 min
Response: 962048
Conc: 477.18 ng/ml



#35 AR-1260-5

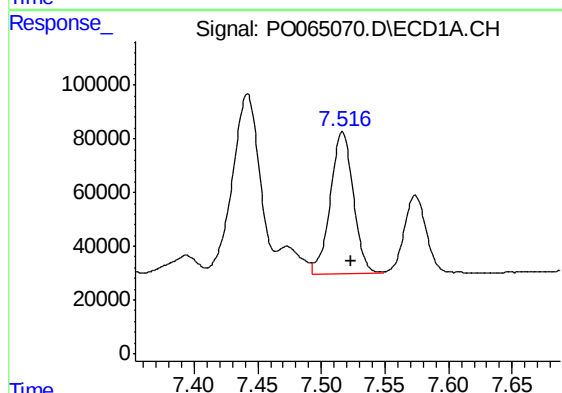
R.T.: 8.046 min
Delta R.T.: -0.006 min
Response: 1409166
Conc: 436.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



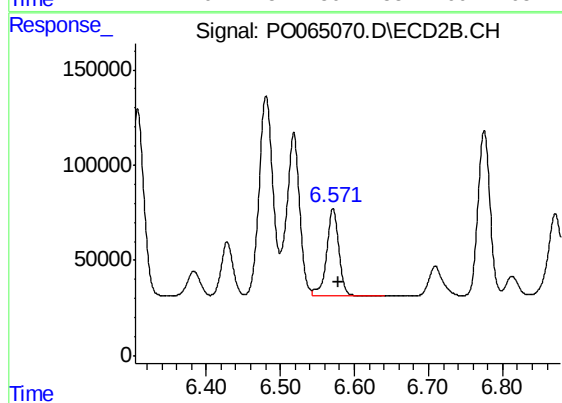
#35 AR-1260-5

R.T.: 7.017 min
Delta R.T.: -0.008 min
Response: 2218129
Conc: 471.83 ng/ml



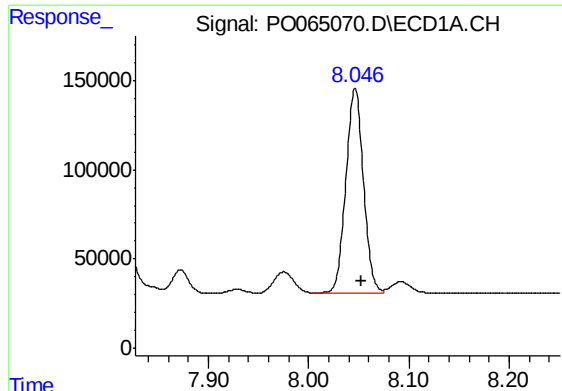
#36 AR-1262-1

R.T.: 7.517 min
Delta R.T.: -0.007 min
Response: 662653
Conc: 291.13 ng/ml



#36 AR-1262-1

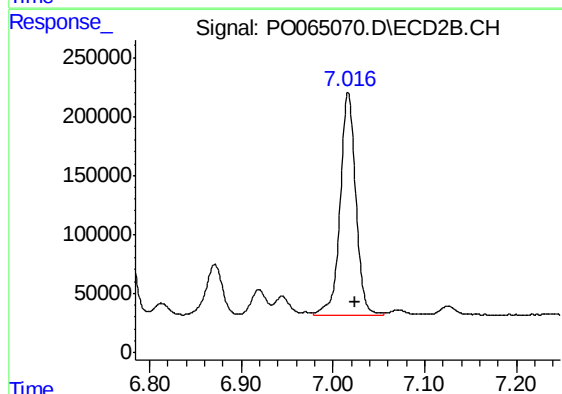
R.T.: 6.571 min
Delta R.T.: -0.008 min
Response: 528452
Conc: 402.53 ng/ml



#37 AR-1262-2

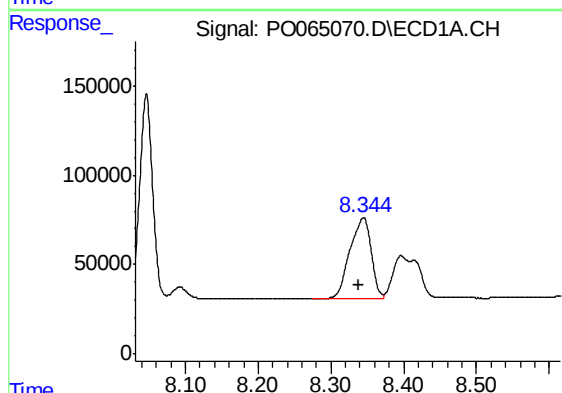
R.T.: 8.046 min
Delta R.T.: -0.006 min
Response: 1409166
Conc: 366.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



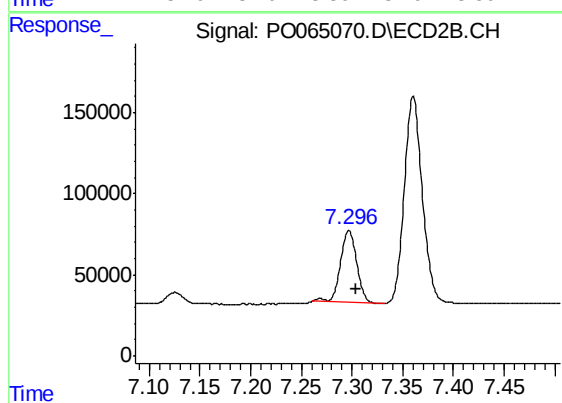
#37 AR-1262-2

R.T.: 7.017 min
Delta R.T.: -0.008 min
Response: 2218129
Conc: 395.25 ng/ml



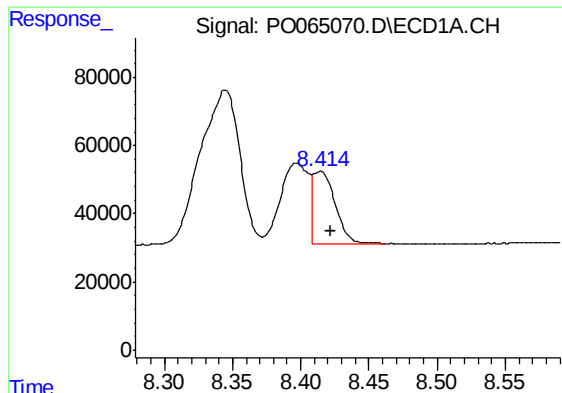
#38 AR-1262-3

R.T.: 8.345 min
Delta R.T.: 0.006 min
Response: 910468
Conc: 348.67 ng/ml



#38 AR-1262-3

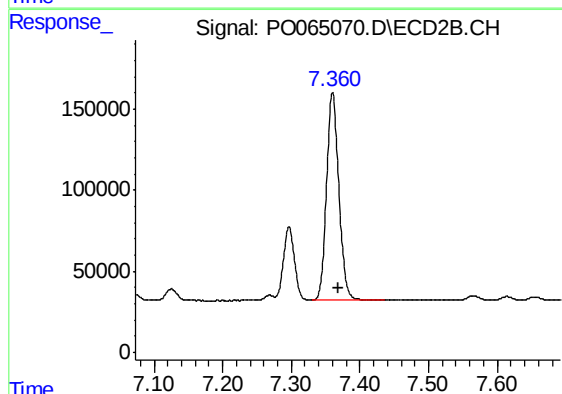
R.T.: 7.297 min
Delta R.T.: -0.008 min
Response: 479143
Conc: 228.77 ng/ml



#39 AR-1262-4

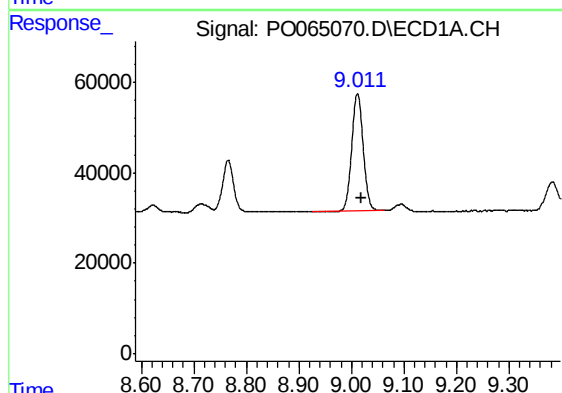
R.T.: 8.414 min
Delta R.T.: -0.007 min
Response: 239151
Conc: 120.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



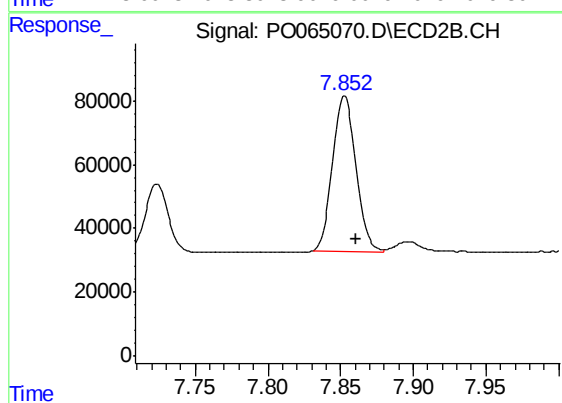
#39 AR-1262-4

R.T.: 7.360 min
Delta R.T.: -0.008 min
Response: 1598866
Conc: 403.04 ng/ml



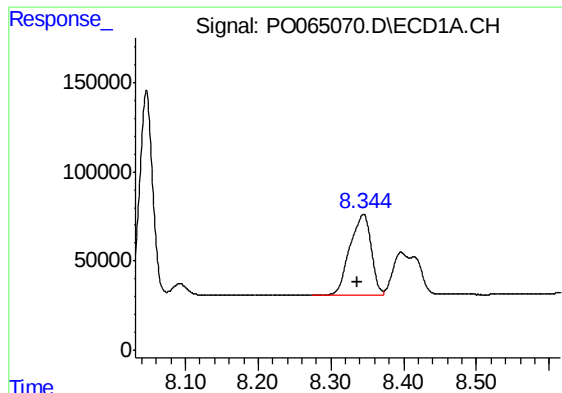
#40 AR-1262-5

R.T.: 9.012 min
Delta R.T.: -0.008 min
Response: 389313
Conc: 291.72 ng/ml



#40 AR-1262-5

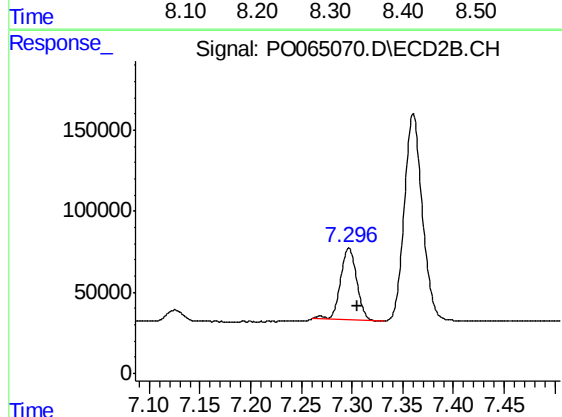
R.T.: 7.853 min
Delta R.T.: -0.008 min
Response: 546687
Conc: 329.63 ng/ml



#41 AR-1268-1

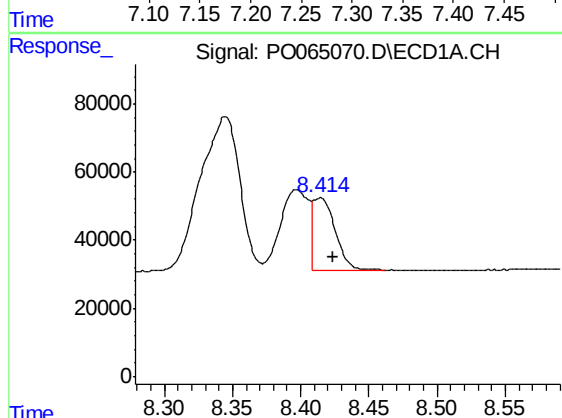
R.T.: 8.345 min
Delta R.T.: 0.008 min
Response: 910468
Conc: 214.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



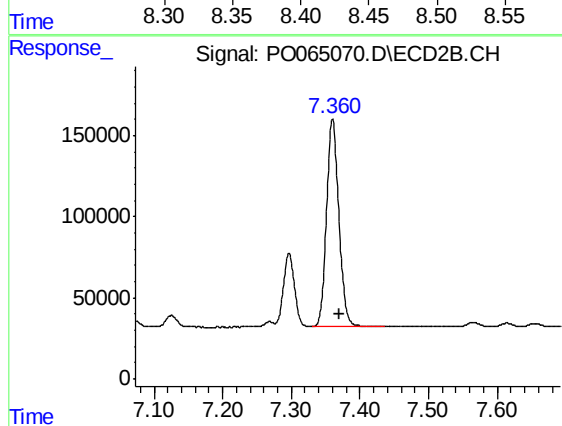
#41 AR-1268-1

R.T.: 7.297 min
Delta R.T.: -0.009 min
Response: 479143
Conc: 80.71 ng/ml



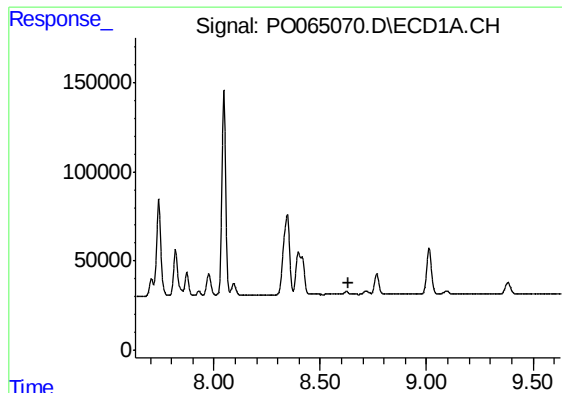
#42 AR-1268-2

R.T.: 8.414 min
Delta R.T.: -0.009 min
Response: 239151
Conc: 61.76 ng/ml



#42 AR-1268-2

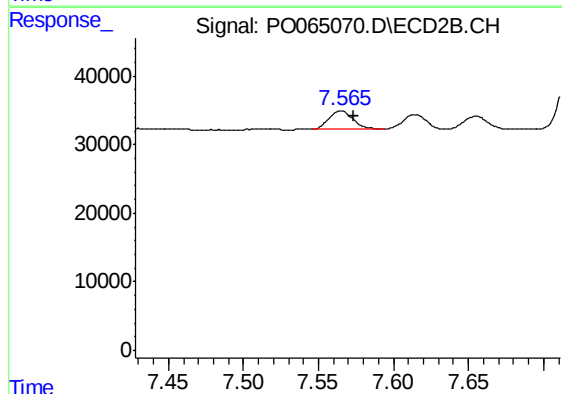
R.T.: 7.360 min
Delta R.T.: -0.010 min
Response: 1598866
Conc: 298.56 ng/ml



#43 AR-1268-3

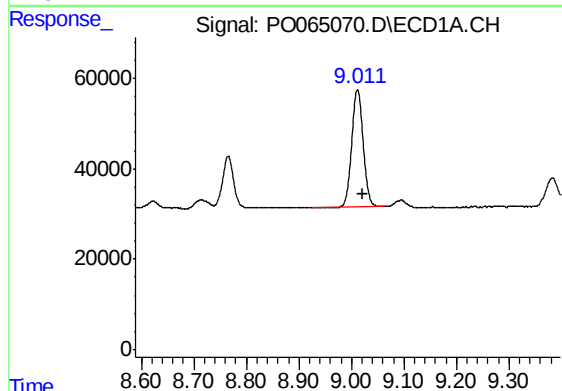
R.T.: 0.000 min
Exp R.T.: 8.630 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



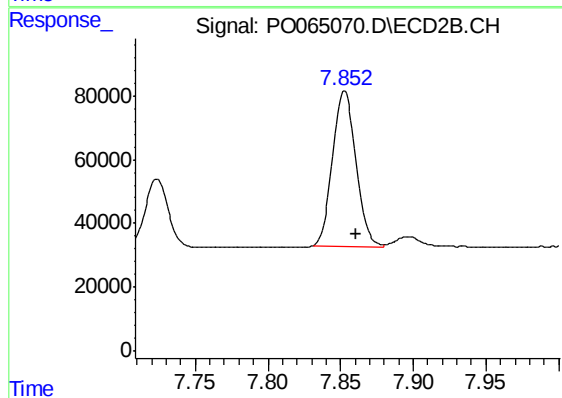
#43 AR-1268-3

R.T.: 7.565 min
Delta R.T.: -0.008 min
Response: 28300
Conc: 6.45 ng/ml



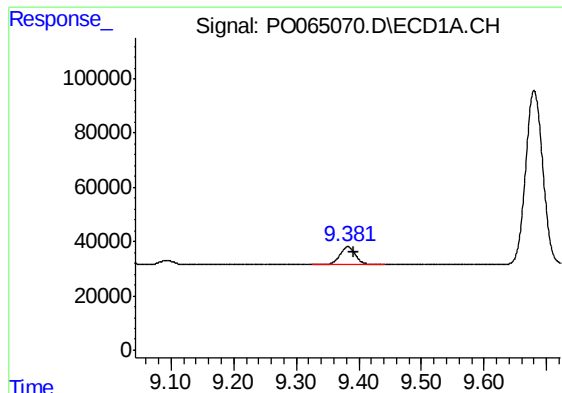
#44 AR-1268-4

R.T.: 9.012 min
Delta R.T.: -0.009 min
Response: 389313
Conc: 290.27 ng/ml



#44 AR-1268-4

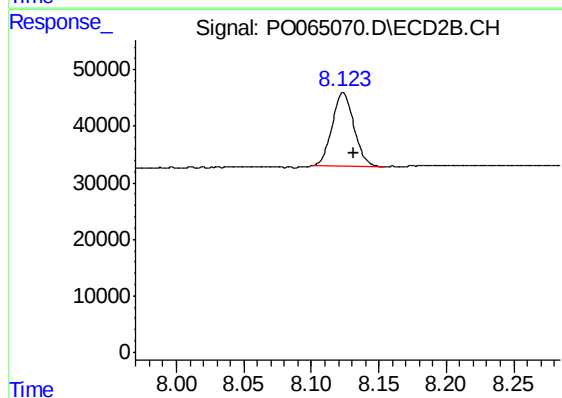
R.T.: 7.853 min
Delta R.T.: -0.008 min
Response: 546687
Conc: 316.60 ng/ml



#45 AR-1268-5

R.T.: 9.383 min
Delta R.T.: -0.010 min
Response: 111443
Conc: 12.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.124 min
Delta R.T.: -0.008 min
Response: 146165
Conc: 11.88 ng/ml