

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062419\
 Data File : P0057396.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Jun 2019 13:22
 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: Jun 24 14:04:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 24 14:02:43 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...	4.237	3.555	1899014	1784561	48.344	50.751
2)	SA Decachlor...	9.792	8.479	2583123	1830268	45.936	48.929
Target Compounds							
3)	L1 AR-1016-1	5.397	4.622	826308	649504	467.512	485.799
4)	L1 AR-1016-2	5.419	4.640	1230649	944513	477.554	485.142
5)	L1 AR-1016-3	5.480	4.813	742520	518953	476.323	490.162
6)	L1 AR-1016-4	5.578	4.854	633255	436797	488.326	490.946
7)	L1 AR-1016-5	5.868	5.065	655699	564267	479.718	493.929
8)	L2 AR-1221-1	4.444	3.763	61013	55406	140.150	149.934
9)	L2 AR-1221-2	4.535	3.850	96126	84211	289.272	301.723
10)	L2 AR-1221-3	4.610	3.924	379088	323324	359.112	369.157
11)	L3 AR-1232-1	4.610	3.924	379088	323324	422.286	432.797
12)	L3 AR-1232-2	5.132	4.640	578454	944513	1193.705	1146.352
13)	L3 AR-1232-3	5.419	4.813	1230649	518953	1173.388	1201.460
14)	L3 AR-1232-4	5.578	4.895	633255	519438	1191.405	1366.212
15)	L3 AR-1232-5	5.667	5.065	580843	564267	1406.615	1325.381
16)	L4 AR-1242-1	5.397	4.622	826308	649504	583.038	613.725
17)	L4 AR-1242-2	5.419	4.640	1230649	944513	591.701	606.252
18)	L4 AR-1242-3	5.480	4.813	742520	518953	588.158	612.051
19)	L4 AR-1242-4	5.578	4.895	633255	519438	583.691	622.463
20)	L4 AR-1242-5	6.307	5.412	109727	431260	84.563	430.632 #
21)	L5 AR-1248-1	5.397	4.622	826308	649504	709.448	700.458
22)	L5 AR-1248-2	5.667	4.854	580843	436797	334.608	339.826
23)	L5 AR-1248-3	5.868	4.895	655699	519438	336.666	393.633
24)	L5 AR-1248-4	6.269	5.065	136536	564267	58.253	348.643 #
25)	L5 AR-1248-5	6.307	5.452	109727	69994	48.863	45.258
26)	L6 AR-1254-1	6.241	5.412	495464	431260	254.377	202.783
27)	L6 AR-1254-2	6.456	5.558	559501	389538	179.513	209.288
28)	L6 AR-1254-3	6.822	5.970	315867	788879	95.542	261.980 #
29)	L6 AR-1254-4	7.105	6.184	248615	99986	91.608	55.546 #
30)	L6 AR-1254-5	7.520	6.596	1890770	1309508	676.268	483.373 #
31)	L7 AR-1260-1	6.982	6.084	1329578	1059162	479.755	494.868
32)	L7 AR-1260-2	7.238	6.272	1706857	1338402	462.990	487.823
33)	L7 AR-1260-3	7.593	6.423	1454604	1198604	478.781	490.928
34)	L7 AR-1260-4	7.818	6.890	1420997	1003210	468.553	481.840
35)	L7 AR-1260-5	8.126	7.132	2866902	2401285	458.444	473.427
36)	L8 AR-1262-1	7.593	6.632	1454604	1254743	320.057	335.203
37)	L8 AR-1262-2	8.126	7.132	2866902	2401285	400.142	404.132
38)	L8 AR-1262-3	8.433	7.410	1779525	599115	362.421	234.229 #
39)	L8 AR-1262-4	8.498	7.474	582677	1761838	143.223	399.750 #
40)	L8 AR-1262-5	9.111	7.967	830445	586477	329.322	321.137
41)	L9 AR-1268-1	8.433	7.410	1779525	599115	211.042	87.500 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062419\
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 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Jun 2019 13:22
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

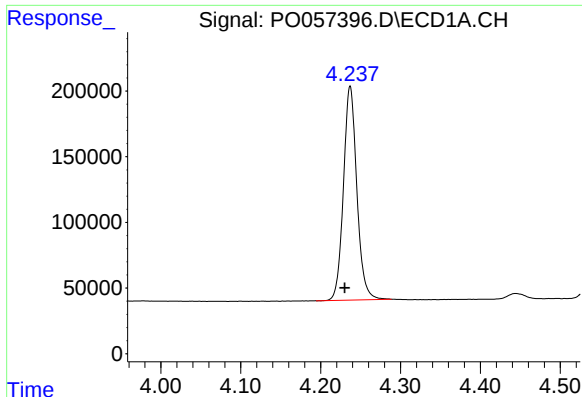
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 14:04:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062419.M
 Quant Title : GC EXTRACTABLES
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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	8.498	7.474	582677	1761838	72.977	277.582 #
44) L9	AR-1268-4	9.111	7.967	830445	586477	322.303	292.743
45) L9	AR-1268-5	9.488	8.242	236185	144300	11.940	9.391

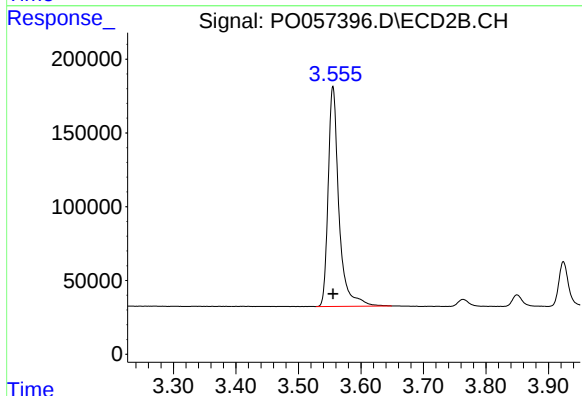
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

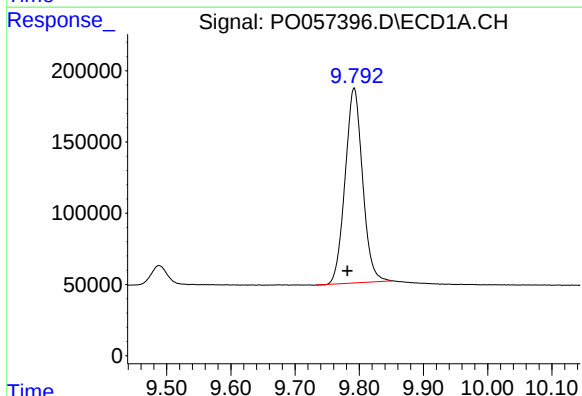
R.T.: 4.237 min
Delta R.T.: 0.007 min
Response: 1899014
Conc: 48.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



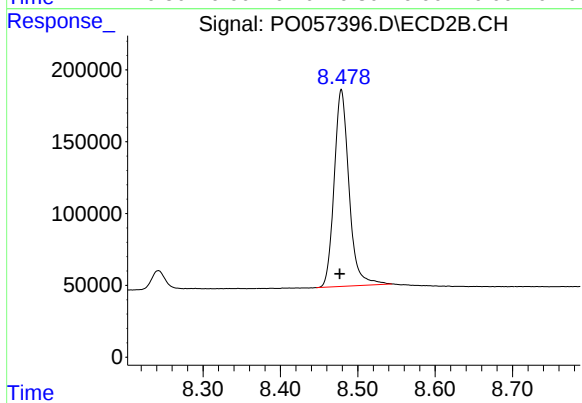
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 1784561
Conc: 50.75 ng/ml



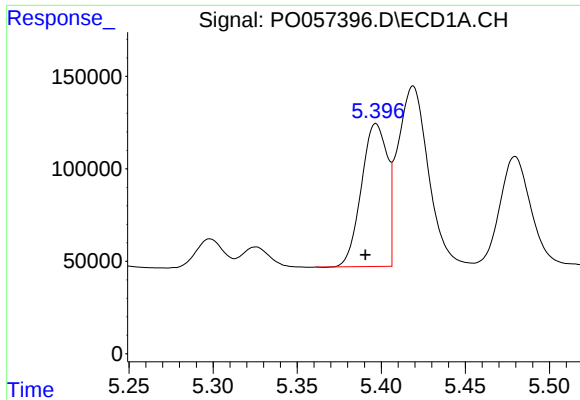
#2 Decachlorobiphenyl

R.T.: 9.792 min
Delta R.T.: 0.011 min
Response: 2583123
Conc: 45.94 ng/ml



#2 Decachlorobiphenyl

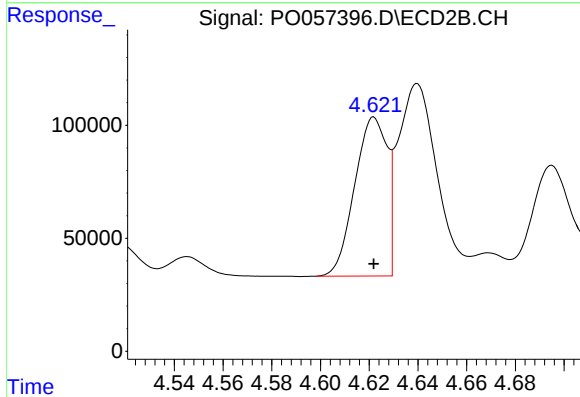
R.T.: 8.479 min
Delta R.T.: 0.002 min
Response: 1830268
Conc: 48.93 ng/ml



#3 AR-1016-1

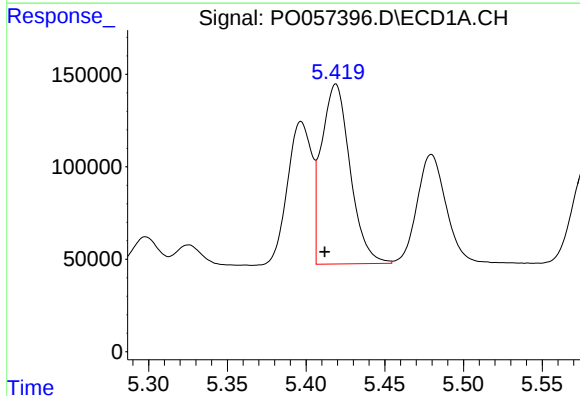
R.T.: 5.397 min
Delta R.T.: 0.006 min
Response: 826308
Conc: 467.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



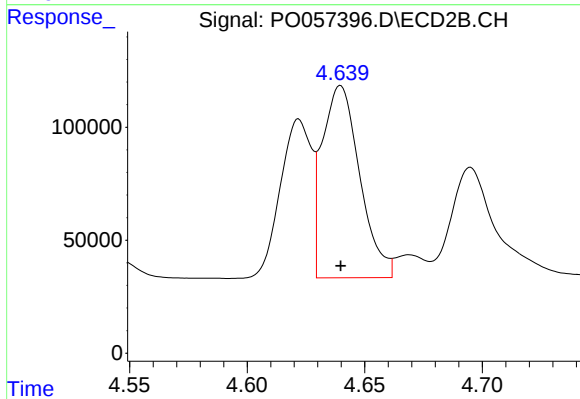
#3 AR-1016-1

R.T.: 4.622 min
Delta R.T.: 0.000 min
Response: 649504
Conc: 485.80 ng/ml



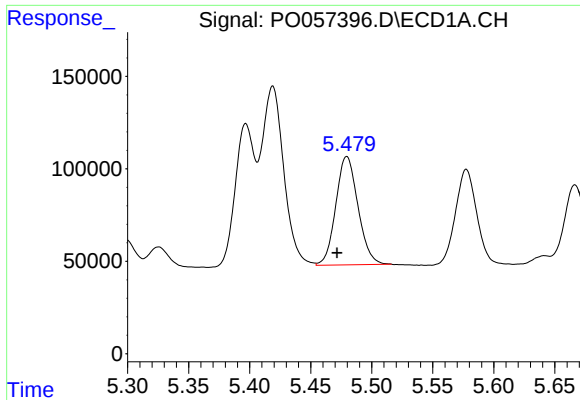
#4 AR-1016-2

R.T.: 5.419 min
Delta R.T.: 0.007 min
Response: 1230649
Conc: 477.55 ng/ml



#4 AR-1016-2

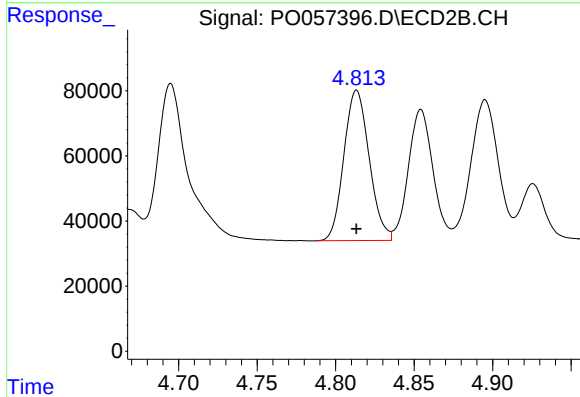
R.T.: 4.640 min
Delta R.T.: 0.000 min
Response: 944513
Conc: 485.14 ng/ml



#5 AR-1016-3

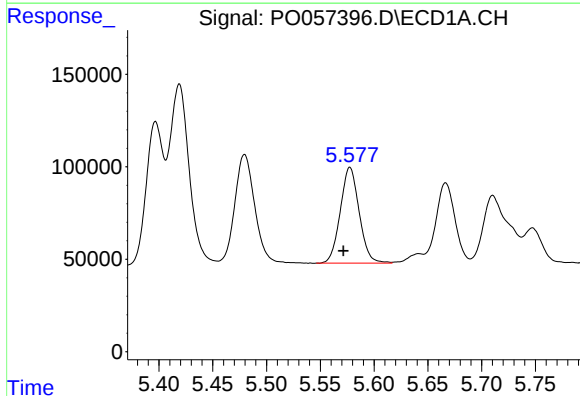
R.T.: 5.480 min
Delta R.T.: 0.008 min
Response: 742520
Conc: 476.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



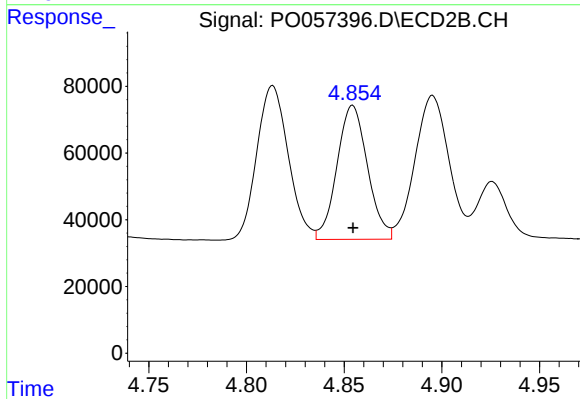
#5 AR-1016-3

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 518953
Conc: 490.16 ng/ml



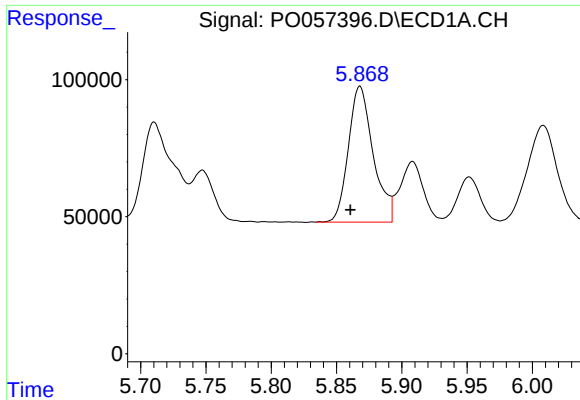
#6 AR-1016-4

R.T.: 5.578 min
Delta R.T.: 0.006 min
Response: 633255
Conc: 488.33 ng/ml



#6 AR-1016-4

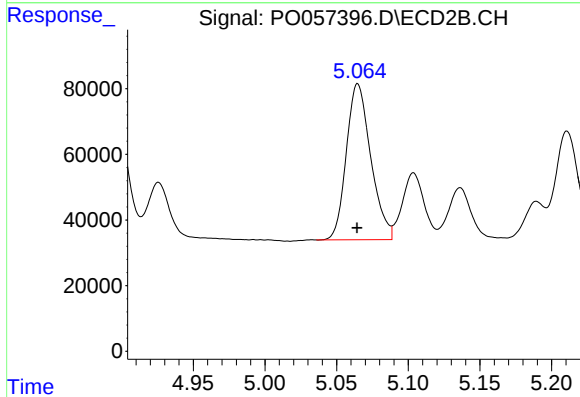
R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 436797
Conc: 490.95 ng/ml



#7 AR-1016-5

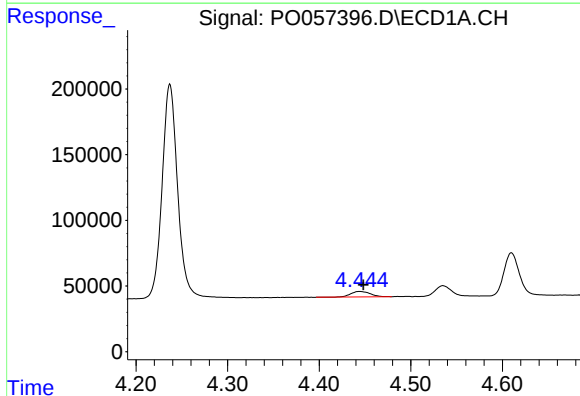
R.T.: 5.868 min
Delta R.T.: 0.007 min
Response: 655699
Conc: 479.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



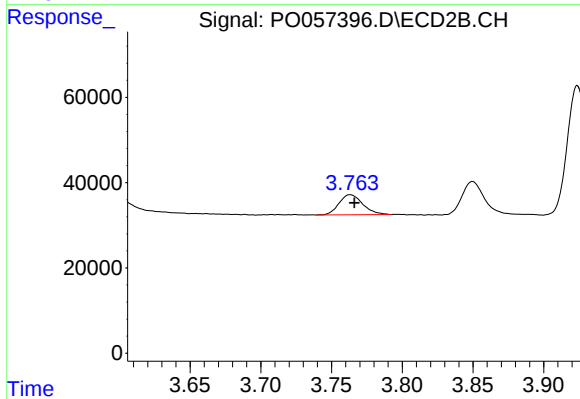
#7 AR-1016-5

R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 564267
Conc: 493.93 ng/ml



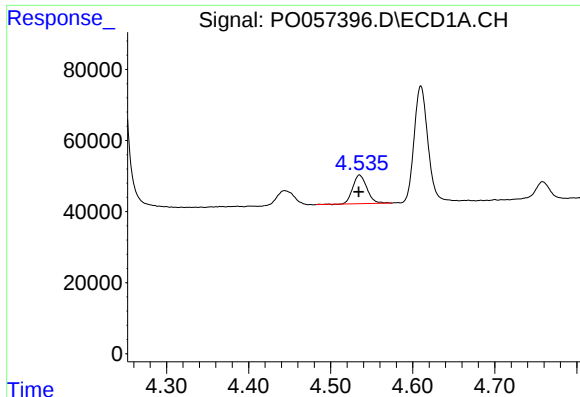
#8 AR-1221-1

R.T.: 4.444 min
Delta R.T.: -0.004 min
Response: 61013
Conc: 140.15 ng/ml



#8 AR-1221-1

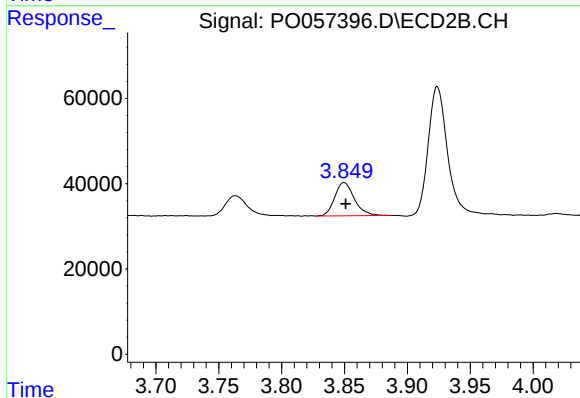
R.T.: 3.763 min
Delta R.T.: -0.003 min
Response: 55406
Conc: 149.93 ng/ml



#9 AR-1221-2

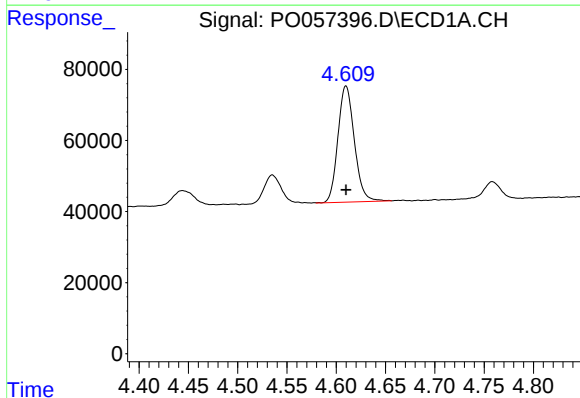
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 96126
Conc: 289.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



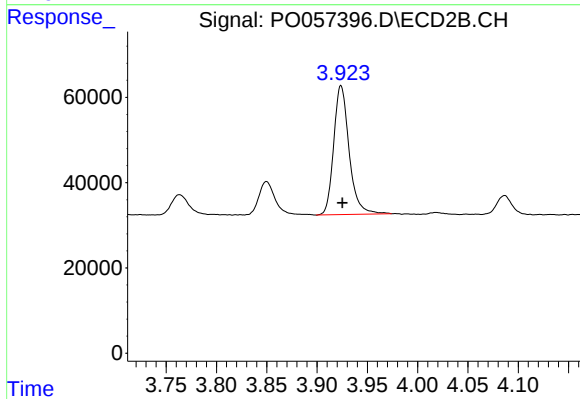
#9 AR-1221-2

R.T.: 3.850 min
Delta R.T.: -0.001 min
Response: 84211
Conc: 301.72 ng/ml



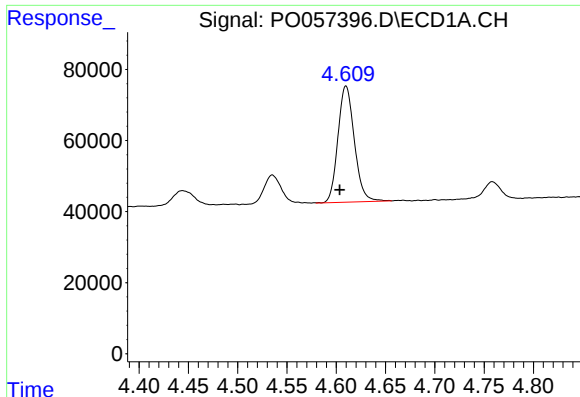
#10 AR-1221-3

R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 379088
Conc: 359.11 ng/ml



#10 AR-1221-3

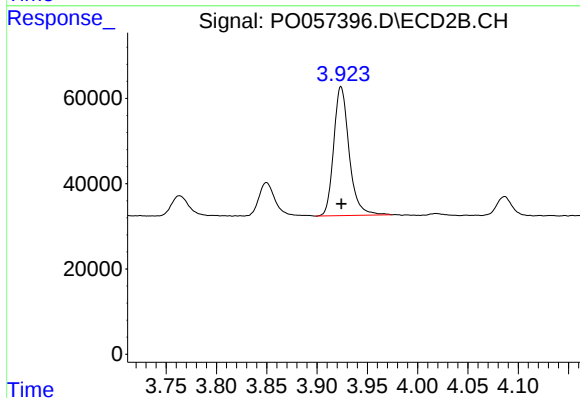
R.T.: 3.924 min
Delta R.T.: -0.001 min
Response: 323324
Conc: 369.16 ng/ml



#11 AR-1232-1

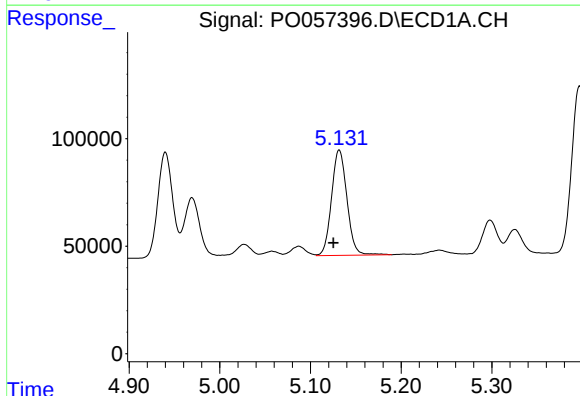
R.T.: 4.610 min
Delta R.T.: 0.006 min
Response: 379088
Conc: 422.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



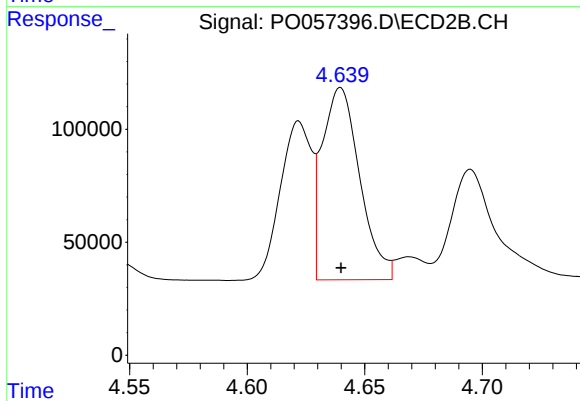
#11 AR-1232-1

R.T.: 3.924 min
Delta R.T.: 0.000 min
Response: 323324
Conc: 432.80 ng/ml



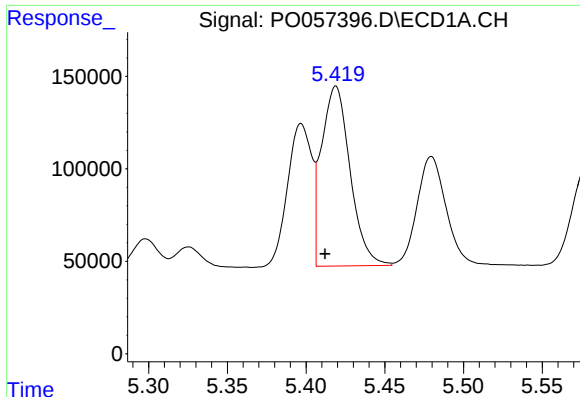
#12 AR-1232-2

R.T.: 5.132 min
Delta R.T.: 0.007 min
Response: 578454
Conc: 1193.70 ng/ml



#12 AR-1232-2

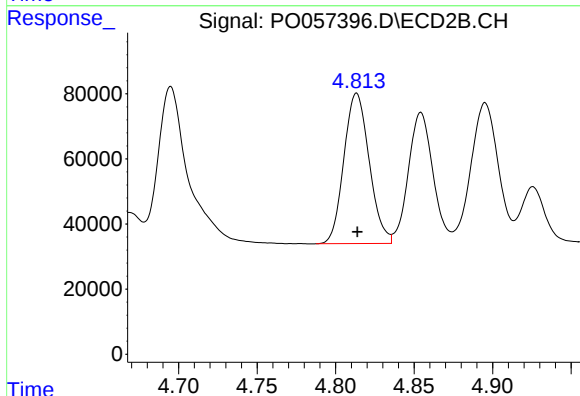
R.T.: 4.640 min
Delta R.T.: 0.000 min
Response: 944513
Conc: 1146.35 ng/ml



#13 AR-1232-3

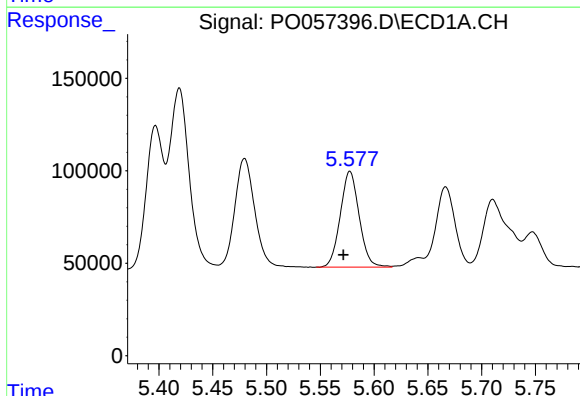
R.T.: 5.419 min
Delta R.T.: 0.007 min
Response: 1230649
Conc: 1173.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



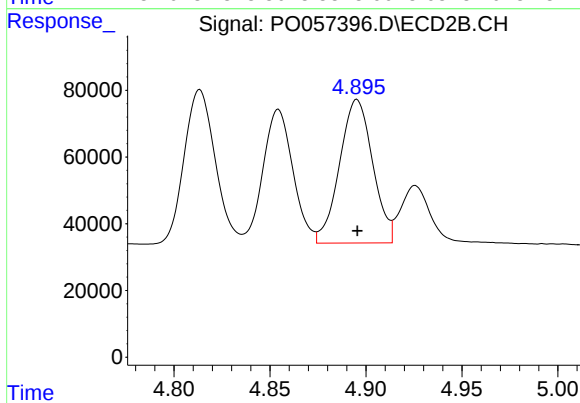
#13 AR-1232-3

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 518953
Conc: 1201.46 ng/ml



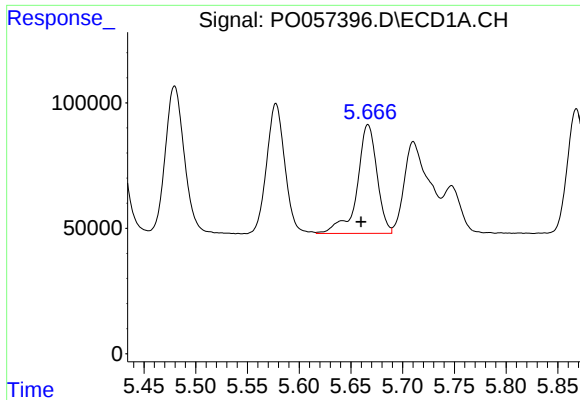
#14 AR-1232-4

R.T.: 5.578 min
Delta R.T.: 0.006 min
Response: 633255
Conc: 1191.41 ng/ml



#14 AR-1232-4

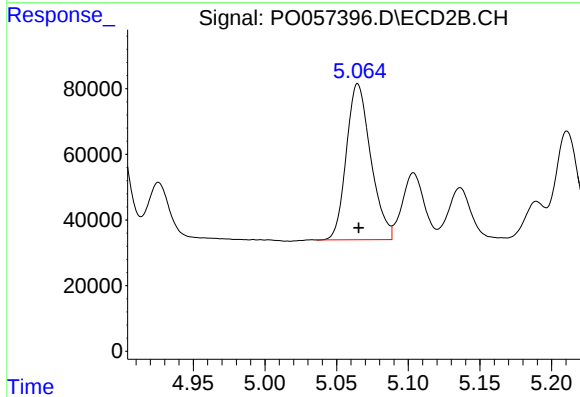
R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 519438
Conc: 1366.21 ng/ml



#15 AR-1232-5

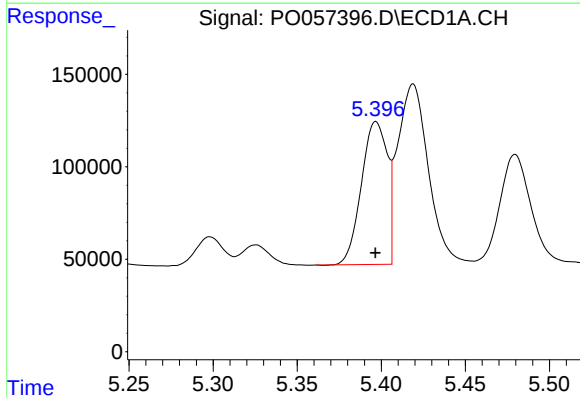
R.T.: 5.667 min
Delta R.T.: 0.007 min
Response: 580843
Conc: 1406.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



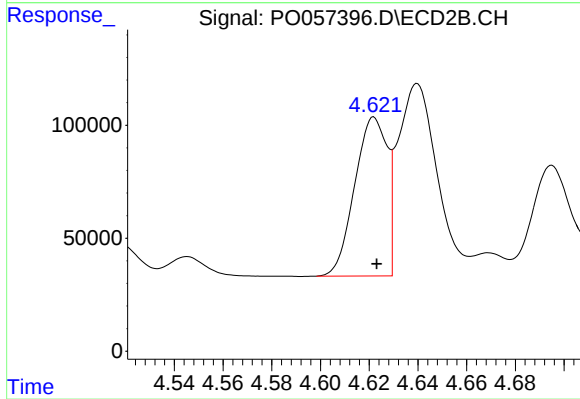
#15 AR-1232-5

R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 564267
Conc: 1325.38 ng/ml



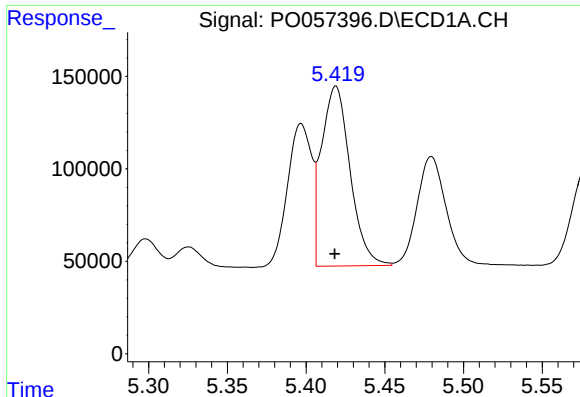
#16 AR-1242-1

R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 826308
Conc: 583.04 ng/ml



#16 AR-1242-1

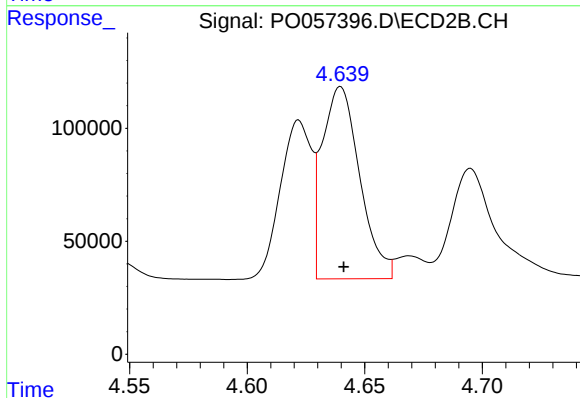
R.T.: 4.622 min
Delta R.T.: -0.001 min
Response: 649504
Conc: 613.72 ng/ml



#17 AR-1242-2

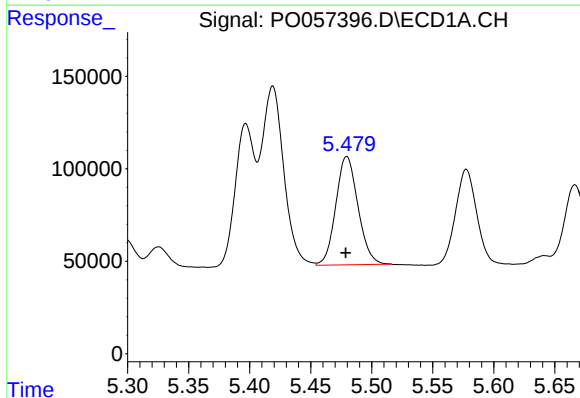
R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 1230649
Conc: 591.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



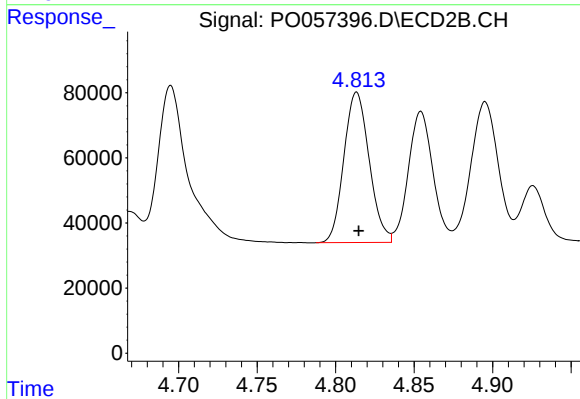
#17 AR-1242-2

R.T.: 4.640 min
Delta R.T.: -0.001 min
Response: 944513
Conc: 606.25 ng/ml



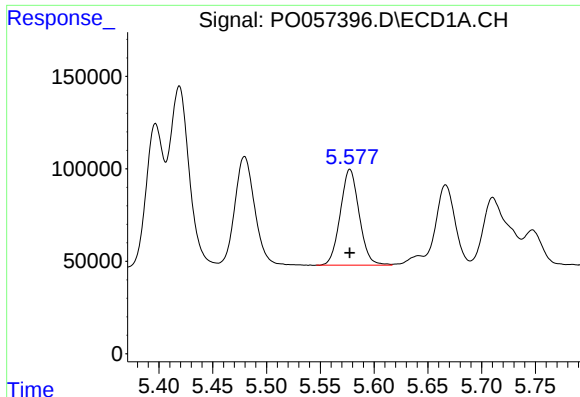
#18 AR-1242-3

R.T.: 5.480 min
Delta R.T.: 0.000 min
Response: 742520
Conc: 588.16 ng/ml



#18 AR-1242-3

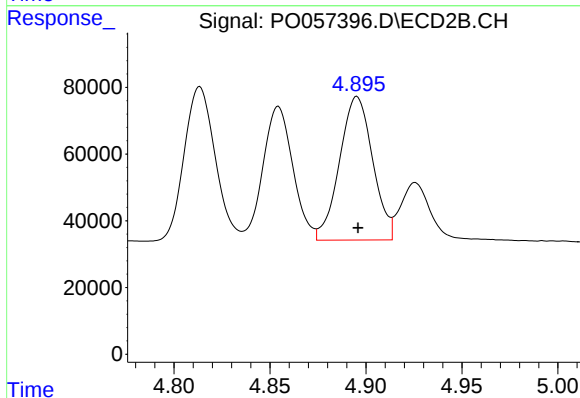
R.T.: 4.813 min
Delta R.T.: -0.001 min
Response: 518953
Conc: 612.05 ng/ml



#19 AR-1242-4

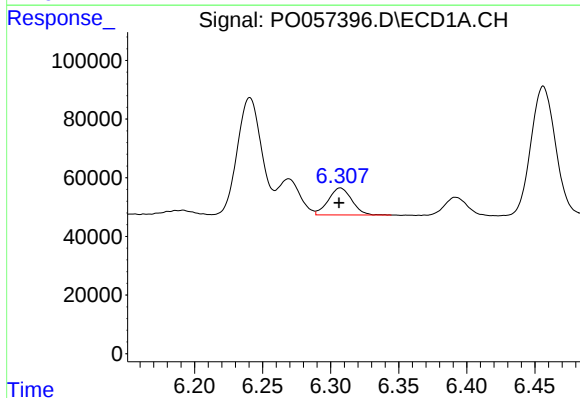
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 633255
Conc: 583.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



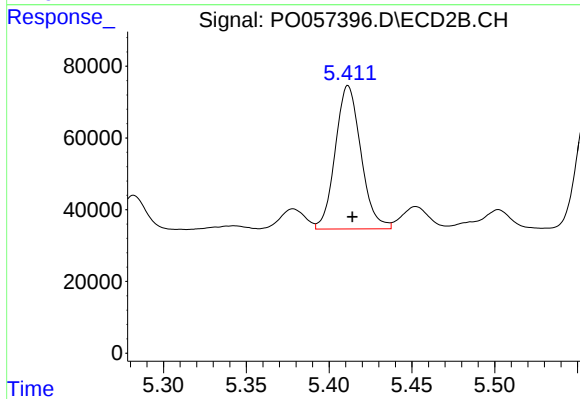
#19 AR-1242-4

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 519438
Conc: 622.46 ng/ml



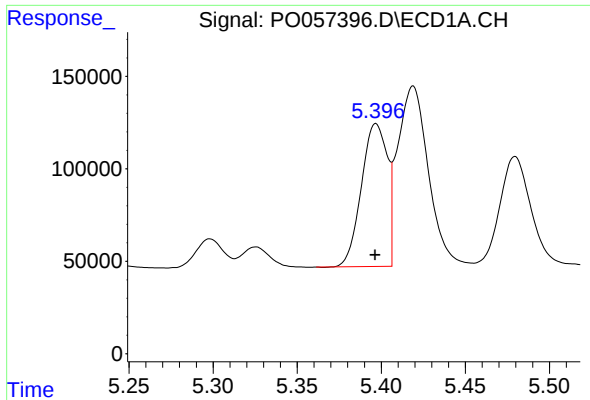
#20 AR-1242-5

R.T.: 6.307 min
Delta R.T.: 0.001 min
Response: 109727
Conc: 84.56 ng/ml



#20 AR-1242-5

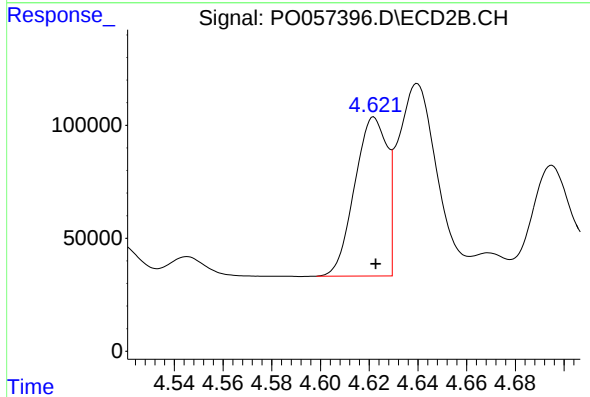
R.T.: 5.412 min
Delta R.T.: -0.003 min
Response: 431260
Conc: 430.63 ng/ml



#21 AR-1248-1

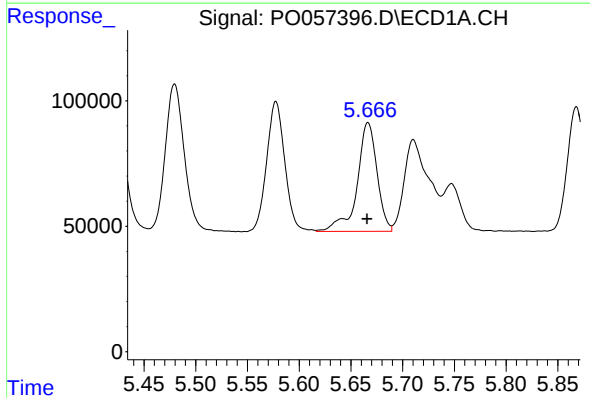
R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 826308
Conc: 709.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



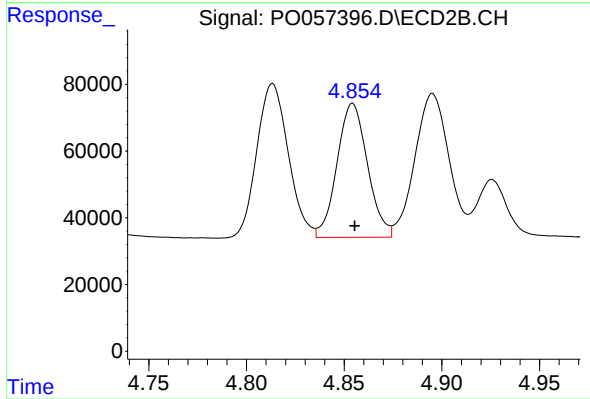
#21 AR-1248-1

R.T.: 4.622 min
Delta R.T.: 0.000 min
Response: 649504
Conc: 700.46 ng/ml



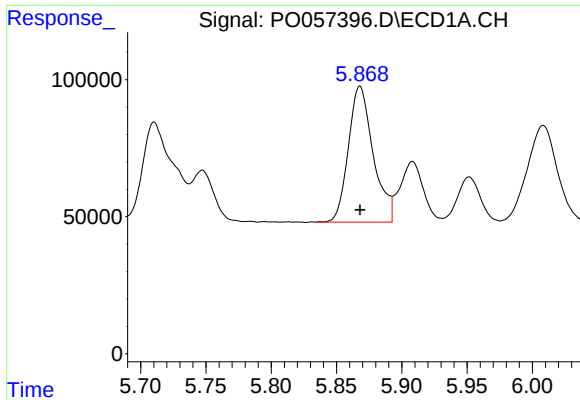
#22 AR-1248-2

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 580843
Conc: 334.61 ng/ml



#22 AR-1248-2

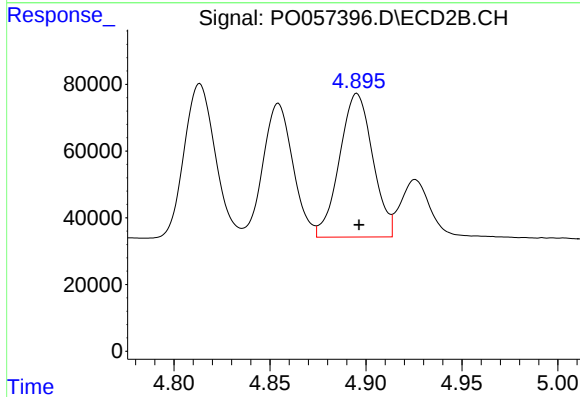
R.T.: 4.854 min
Delta R.T.: -0.001 min
Response: 436797
Conc: 339.83 ng/ml



#23 AR-1248-3

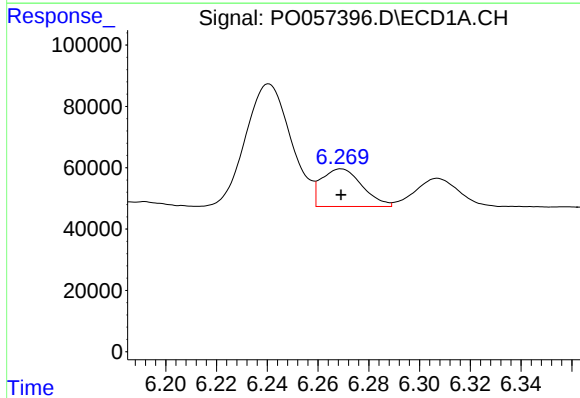
R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 655699
Conc: 336.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



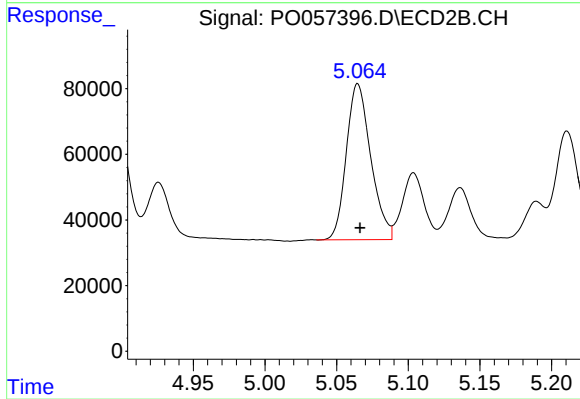
#23 AR-1248-3

R.T.: 4.895 min
Delta R.T.: -0.001 min
Response: 519438
Conc: 393.63 ng/ml



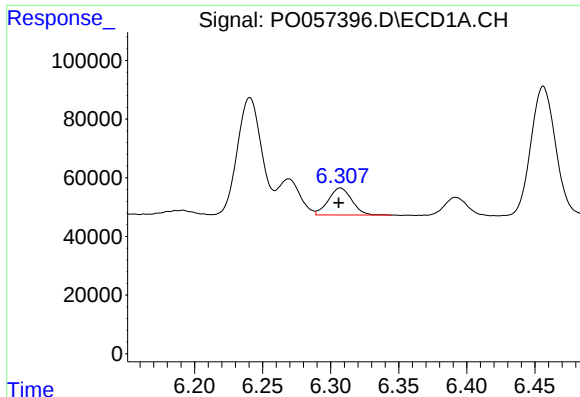
#24 AR-1248-4

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 136536
Conc: 58.25 ng/ml



#24 AR-1248-4

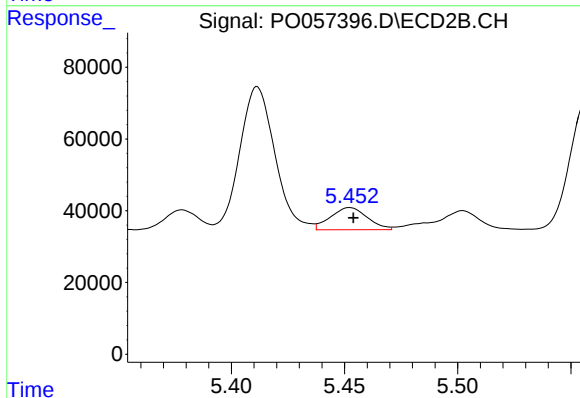
R.T.: 5.065 min
Delta R.T.: -0.002 min
Response: 564267
Conc: 348.64 ng/ml



#25 AR-1248-5

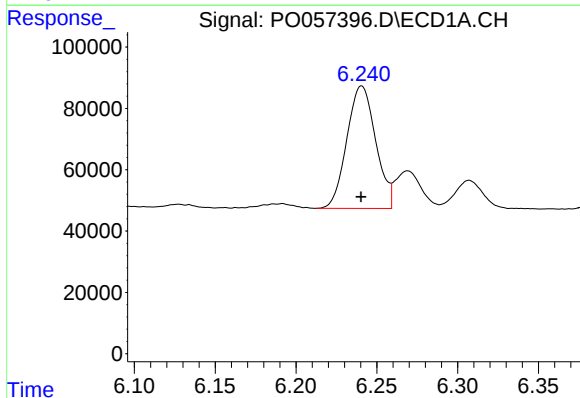
R.T.: 6.307 min
Delta R.T.: 0.001 min
Response: 109727
Conc: 48.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



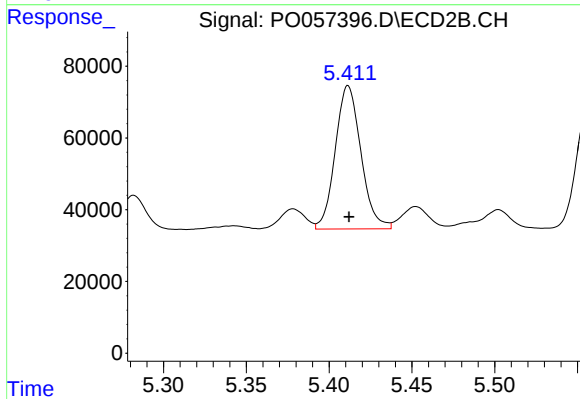
#25 AR-1248-5

R.T.: 5.452 min
Delta R.T.: -0.002 min
Response: 69994
Conc: 45.26 ng/ml



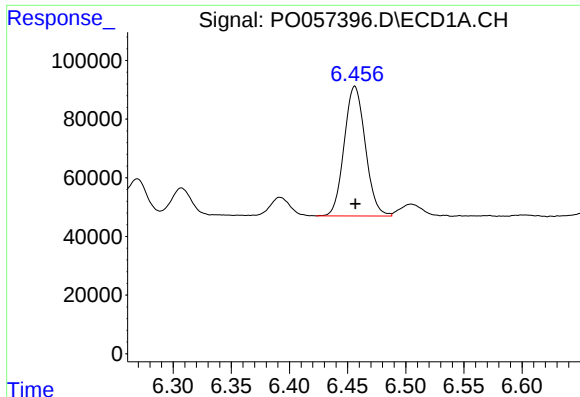
#26 AR-1254-1

R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 495464
Conc: 254.38 ng/ml



#26 AR-1254-1

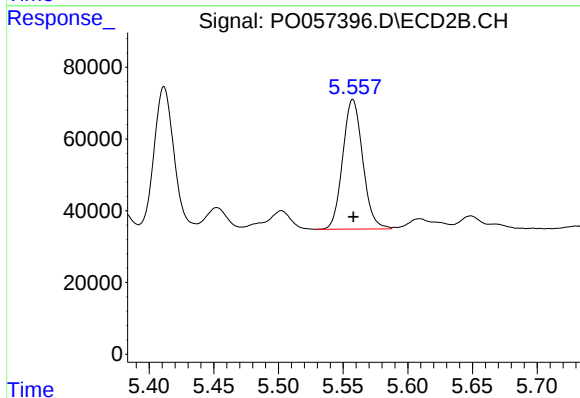
R.T.: 5.412 min
Delta R.T.: 0.000 min
Response: 431260
Conc: 202.78 ng/ml



#27 AR-1254-2

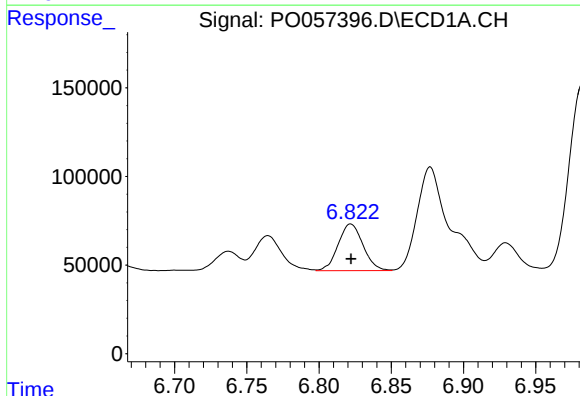
R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 559501
Conc: 179.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



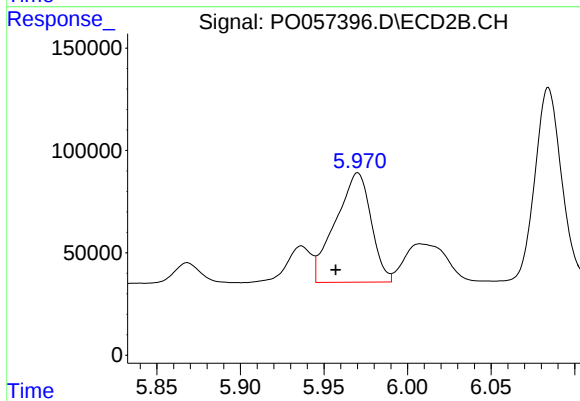
#27 AR-1254-2

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 389538
Conc: 209.29 ng/ml



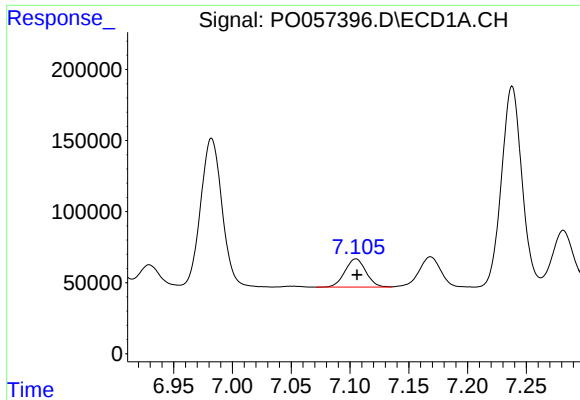
#28 AR-1254-3

R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 315867
Conc: 95.54 ng/ml



#28 AR-1254-3

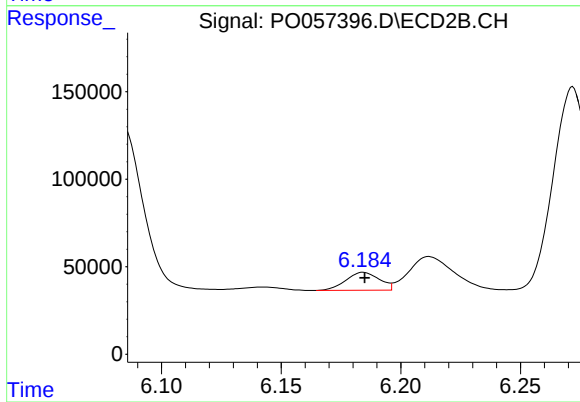
R.T.: 5.970 min
Delta R.T.: 0.013 min
Response: 788879
Conc: 261.98 ng/ml



#29 AR-1254-4

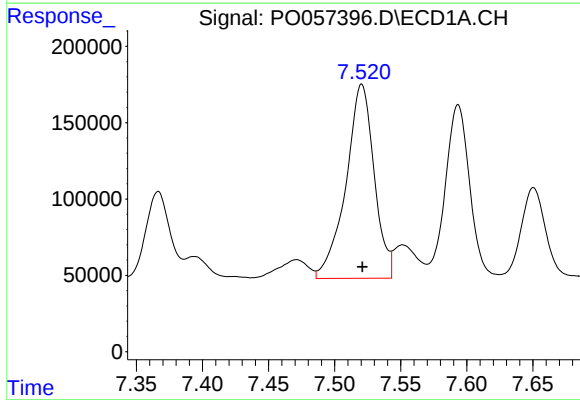
R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 248615
Conc: 91.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



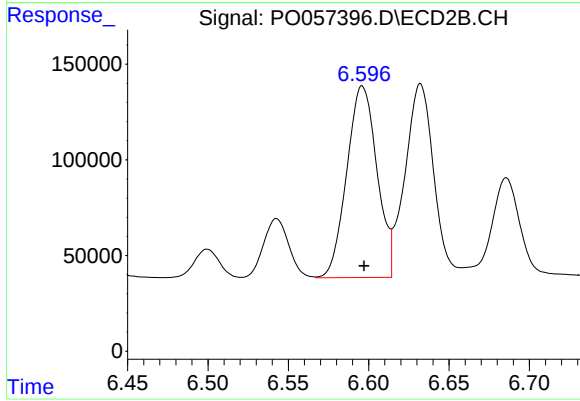
#29 AR-1254-4

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 99986
Conc: 55.55 ng/ml



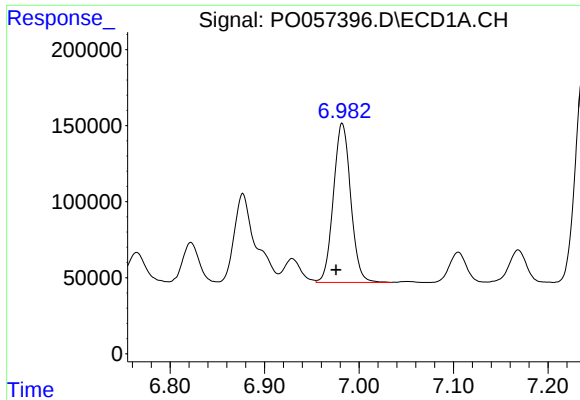
#30 AR-1254-5

R.T.: 7.520 min
Delta R.T.: 0.000 min
Response: 1890770
Conc: 676.27 ng/ml



#30 AR-1254-5

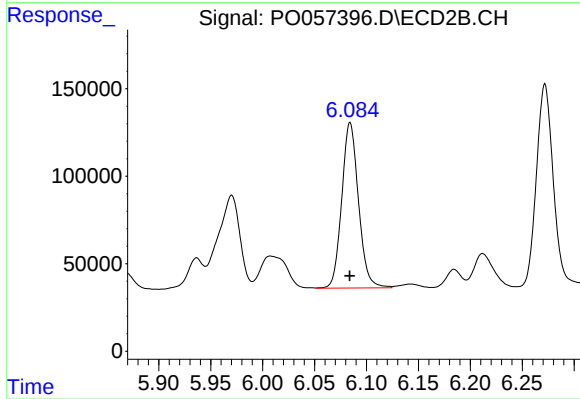
R.T.: 6.596 min
Delta R.T.: -0.001 min
Response: 1309508
Conc: 483.37 ng/ml



#31 AR-1260-1

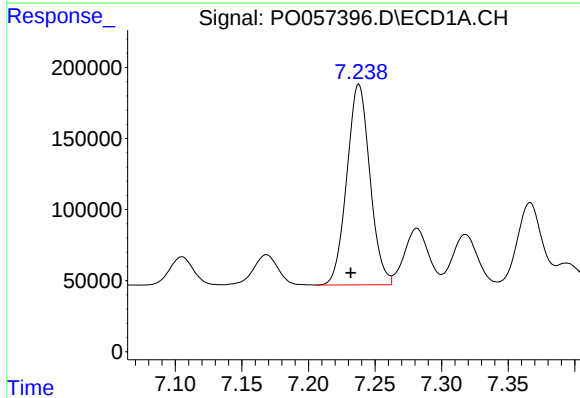
R.T.: 6.982 min
Delta R.T.: 0.007 min
Response: 1329578
Conc: 479.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



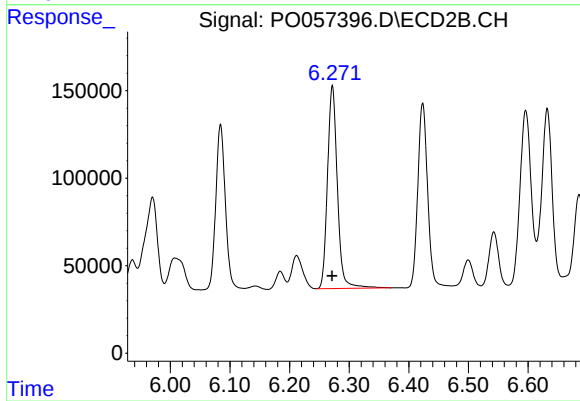
#31 AR-1260-1

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 1059162
Conc: 494.87 ng/ml



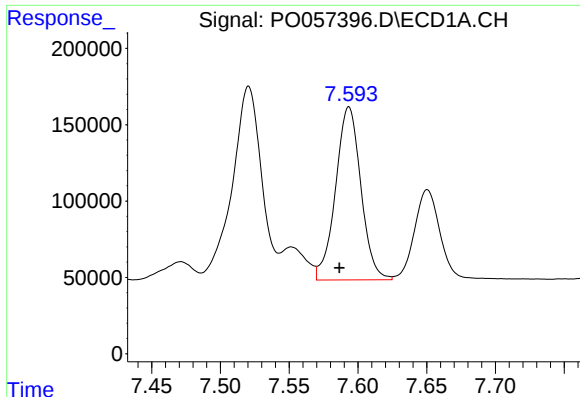
#32 AR-1260-2

R.T.: 7.238 min
Delta R.T.: 0.006 min
Response: 1706857
Conc: 462.99 ng/ml



#32 AR-1260-2

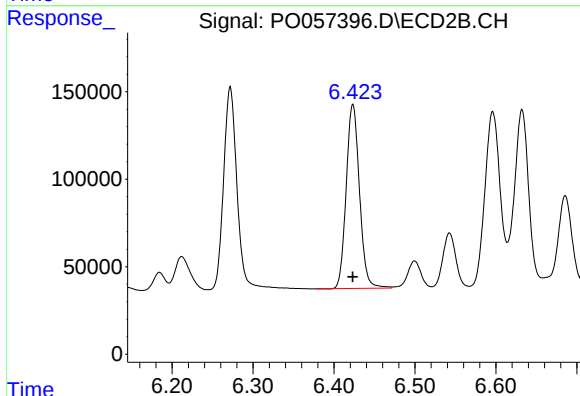
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 1338402
Conc: 487.82 ng/ml



#33 AR-1260-3

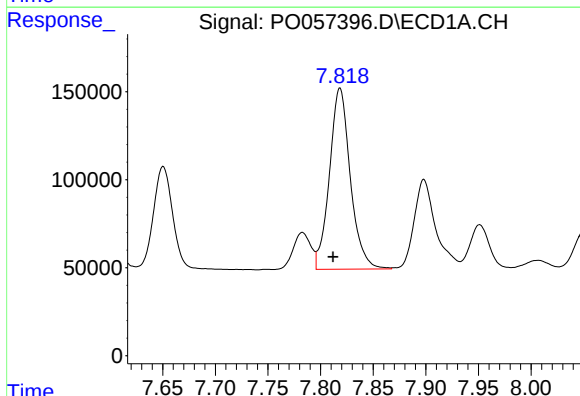
R.T.: 7.593 min
Delta R.T.: 0.007 min
Response: 1454604
Conc: 478.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



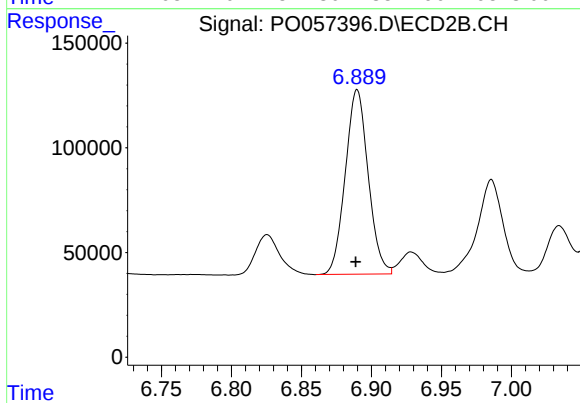
#33 AR-1260-3

R.T.: 6.423 min
Delta R.T.: 0.000 min
Response: 1198604
Conc: 490.93 ng/ml



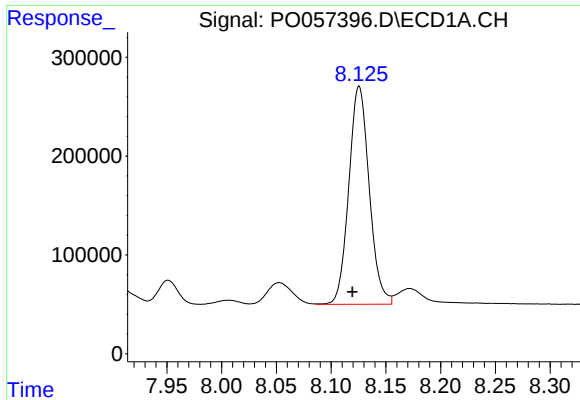
#34 AR-1260-4

R.T.: 7.818 min
Delta R.T.: 0.007 min
Response: 1420997
Conc: 468.55 ng/ml



#34 AR-1260-4

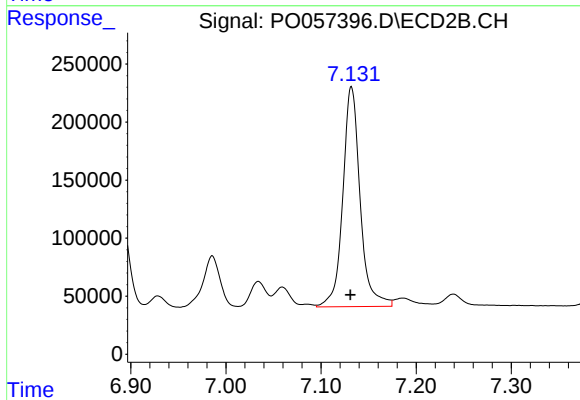
R.T.: 6.890 min
Delta R.T.: 0.001 min
Response: 1003210
Conc: 481.84 ng/ml



#35 AR-1260-5

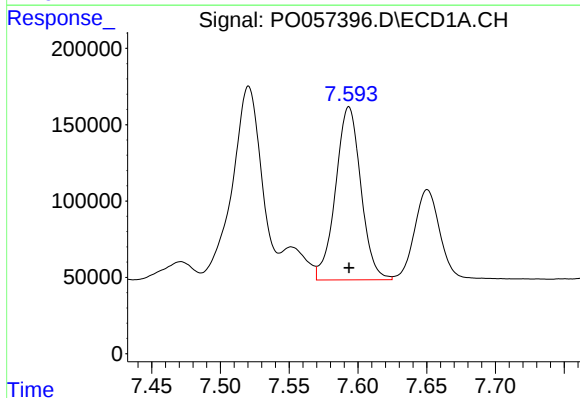
R.T.: 8.126 min
Delta R.T.: 0.006 min
Response: 2866902
Conc: 458.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



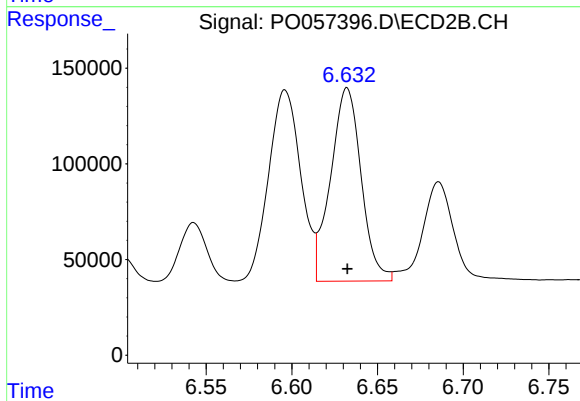
#35 AR-1260-5

R.T.: 7.132 min
Delta R.T.: 0.001 min
Response: 2401285
Conc: 473.43 ng/ml



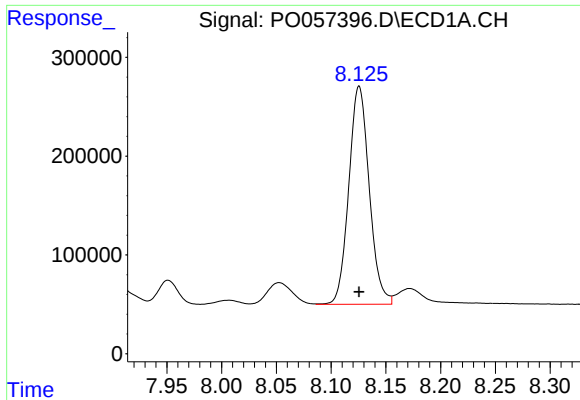
#36 AR-1262-1

R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 1454604
Conc: 320.06 ng/ml



#36 AR-1262-1

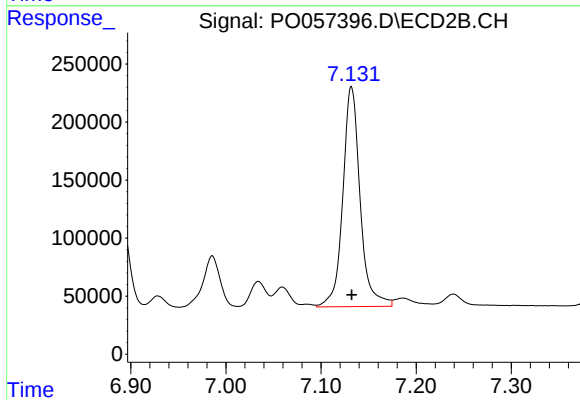
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 1254743
Conc: 335.20 ng/ml



#37 AR-1262-2

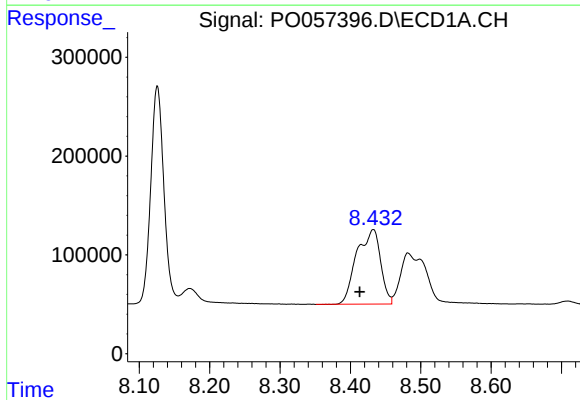
R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 2866902
Conc: 400.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



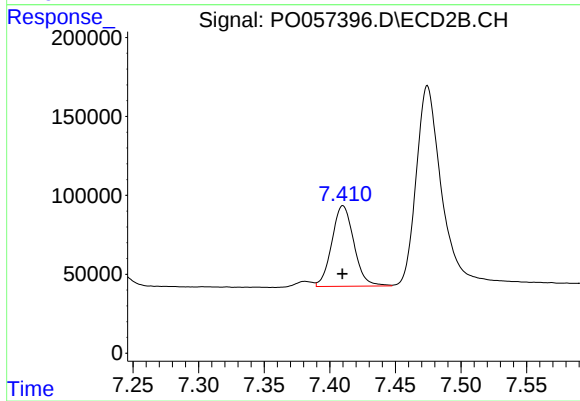
#37 AR-1262-2

R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 2401285
Conc: 404.13 ng/ml



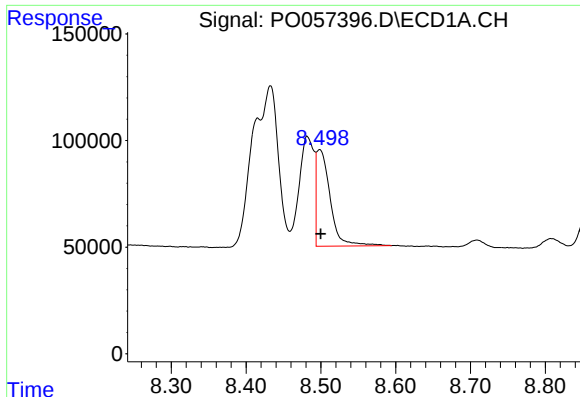
#38 AR-1262-3

R.T.: 8.433 min
Delta R.T.: 0.019 min
Response: 1779525
Conc: 362.42 ng/ml



#38 AR-1262-3

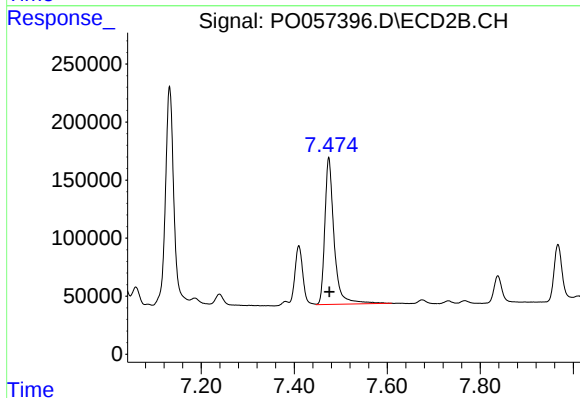
R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 599115
Conc: 234.23 ng/ml



#39 AR-1262-4

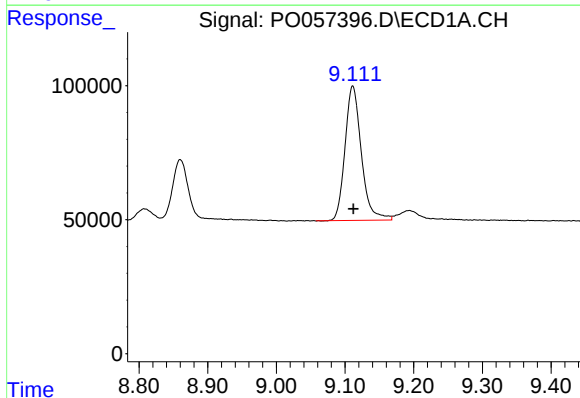
R.T.: 8.498 min
Delta R.T.: -0.001 min
Response: 582677
Conc: 143.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



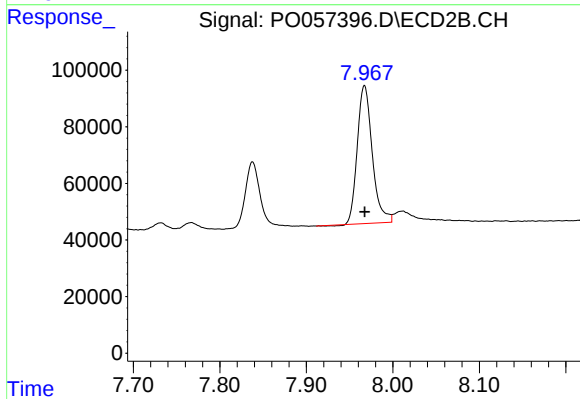
#39 AR-1262-4

R.T.: 7.474 min
Delta R.T.: -0.001 min
Response: 1761838
Conc: 399.75 ng/ml



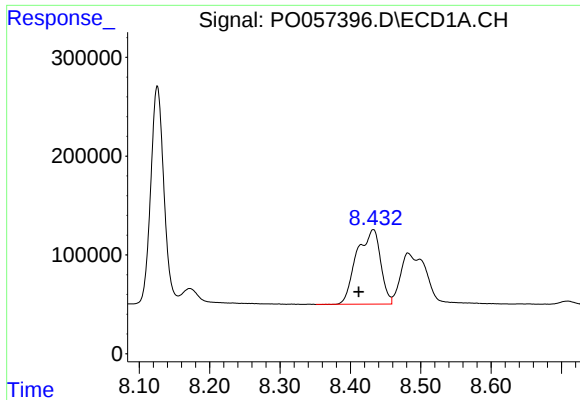
#40 AR-1262-5

R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 830445
Conc: 329.32 ng/ml



#40 AR-1262-5

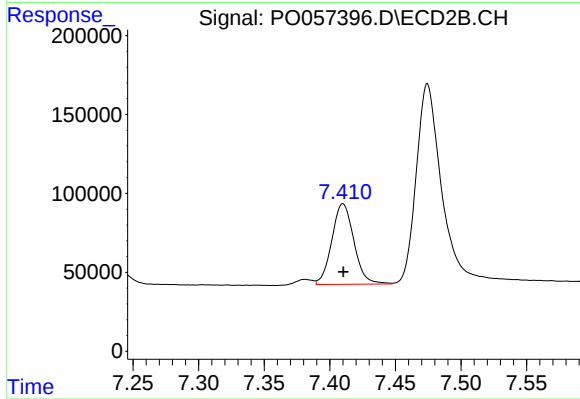
R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 586477
Conc: 321.14 ng/ml



#41 AR-1268-1

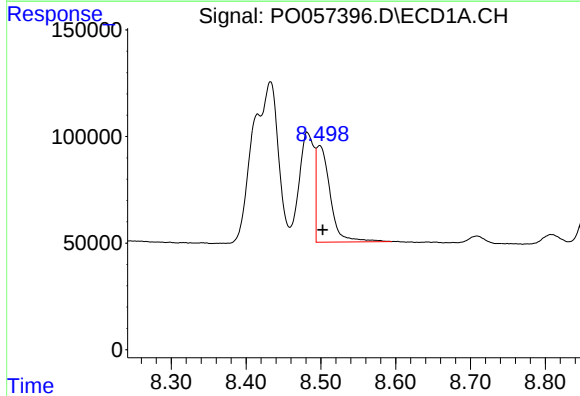
R.T.: 8.433 min
Delta R.T.: 0.021 min
Response: 1779525
Conc: 211.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



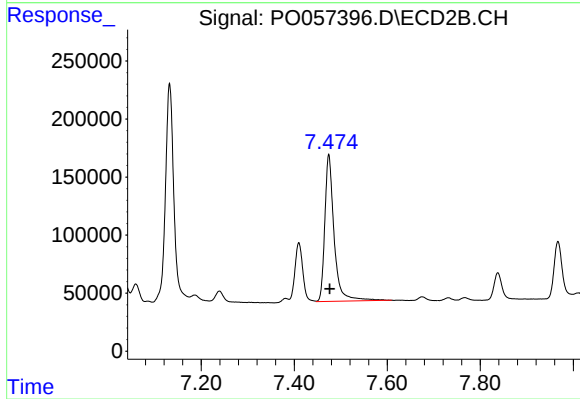
#41 AR-1268-1

R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 599115
Conc: 87.50 ng/ml



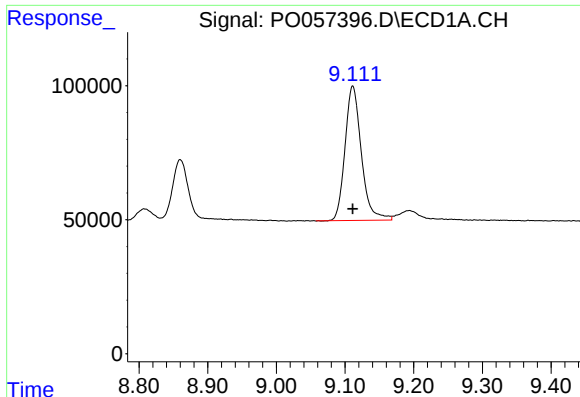
#42 AR-1268-2

R.T.: 8.498 min
Delta R.T.: -0.004 min
Response: 582677
Conc: 72.98 ng/ml



#42 AR-1268-2

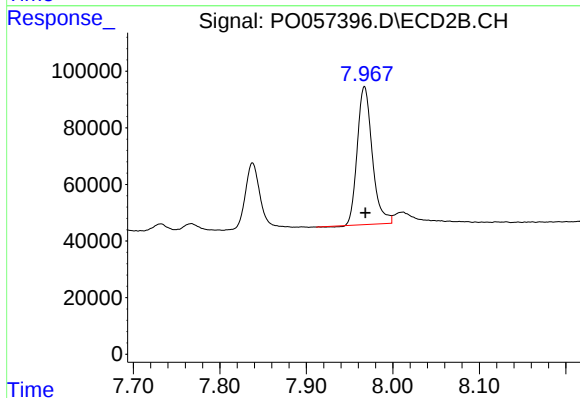
R.T.: 7.474 min
Delta R.T.: -0.002 min
Response: 1761838
Conc: 277.58 ng/ml



#44 AR-1268-4

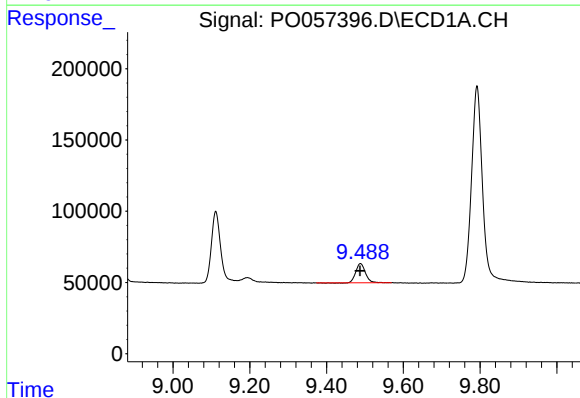
R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 830445
Conc: 322.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



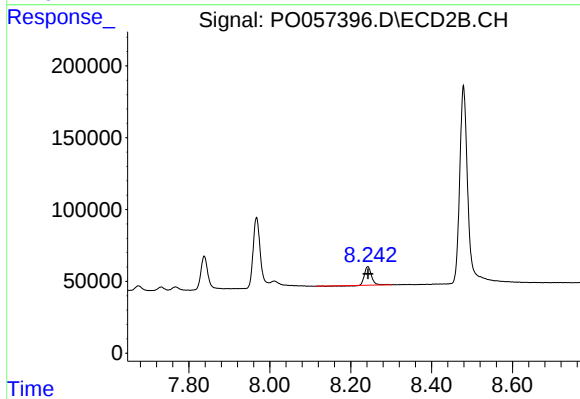
#44 AR-1268-4

R.T.: 7.967 min
Delta R.T.: -0.001 min
Response: 586477
Conc: 292.74 ng/ml



#45 AR-1268-5

R.T.: 9.488 min
Delta R.T.: 0.001 min
Response: 236185
Conc: 11.94 ng/ml



#45 AR-1268-5

R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 144300
Conc: 9.39 ng/ml