

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081519\
 Data File : P0059357.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Aug 2019 18:53
 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: Aug 16 01:36:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 14 09:07:26 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...	4.143	3.509	2100061	1932722	49.761	48.378
2)	SA Decachlor...	9.637	8.383	2433128	1922560	44.929	48.706
Target Compounds							
3)	L1 AR-1016-1	5.298	4.562	867385	663139	462.864	454.834
4)	L1 AR-1016-2	5.318	4.579	1284544	996425	466.846	464.188
5)	L1 AR-1016-3	5.380	4.752	790977	521934	465.847	459.558
6)	L1 AR-1016-4	5.478	4.793	524343	444145	374.745	470.840 #
7)	L1 AR-1016-5	5.805	5.002	-187183	372532	N.D.	302.519 #
8)	L2 AR-1221-1	4.351	3.714	68168	56673	150.062	140.686
9)	L2 AR-1221-2	4.441	3.800	103192	86175	299.300	288.730
10)	L2 AR-1221-3	4.516	3.872	406029	336689	370.267	351.963
11)	L3 AR-1232-1	4.516	3.872	406029	336689	449.740	428.598
12)	L3 AR-1232-2	5.034	4.609	594704	89845	1209.002	106.265 #
13)	L3 AR-1232-3	5.380	4.793	790977	444145	738.723	1009.916 #
14)	L3 AR-1232-4	5.478	4.863	524343	189633	983.556	479.753 #
15)	L3 AR-1232-5	5.608	5.040	622116	152674	1524.560	346.790 #
16)	L4 AR-1242-1	5.318	4.579	1284544	996425	1003.116	981.537
17)	L4 AR-1242-2	5.380	4.609	790977	89845	418.137	59.514 #
18)	L4 AR-1242-3	5.380	4.793	790977	444145	674.293	545.374
19)	L4 AR-1242-4	5.478	4.863	524343	189633	545.628	234.396 #
20)	L4 AR-1242-5	6.203	5.386	114374	76130	97.375	70.971 #
21)	L5 AR-1248-1	5.318	4.579	1284544	996425	1270.563	1246.083
22)	L5 AR-1248-2	5.608	4.833	622116	532348	430.354	480.460
23)	L5 AR-1248-3	5.805	4.863	-187183	189633	N.D.	166.613 #
24)	L5 AR-1248-4	6.203	5.040	114374	152674	56.474	109.288 #
25)	L5 AR-1248-5	6.203	5.386	114374	76130	59.251	54.957
26)	L6 AR-1254-1	6.165	5.386	141158	76130	59.780	29.388 #
27)	L6 AR-1254-2	6.400	5.490	57292	410615	14.866	179.353 #
28)	L6 AR-1254-3	6.771	5.898	908418	778733	224.321	211.649
29)	L6 AR-1254-4	7.063	6.141	265568	250664	73.756	107.802 #
30)	L6 AR-1254-5	7.448	6.556	254655	1265958	70.254	366.992 #
31)	L7 AR-1260-1	6.876	6.012	1293632	1062450	449.311	446.398
32)	L7 AR-1260-2	7.133	6.200	1723148	1332006	414.213	439.707
33)	L7 AR-1260-3	7.487	6.348	1508962	1207786	405.203	447.355
34)	L7 AR-1260-4	7.714	6.812	1422609	979632	417.459	433.556
35)	L7 AR-1260-5	8.021	7.056	3100472	2470164	421.560	458.683
36)	L8 AR-1262-1	7.545	6.556	754254	1265958	149.645	354.438 #
37)	L8 AR-1262-2	8.065	7.056	246055	2470164	30.915	437.507 #
38)	L8 AR-1262-3	8.323	7.330	985439	624785	193.854	253.148 #
39)	L8 AR-1262-4	8.371	7.395	1110177	1792323	292.955	422.102 #
41)	L9 AR-1268-1	8.323	7.330	985439	624785	88.226	76.707
42)	L9 AR-1268-2	8.371	7.395	1110177	1792323	118.191	236.544 #
43)	L9 AR-1268-3	8.587	7.591	48671	34338	5.893	5.372

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081519\
Data File : P0059357.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 15 Aug 2019 18:53
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

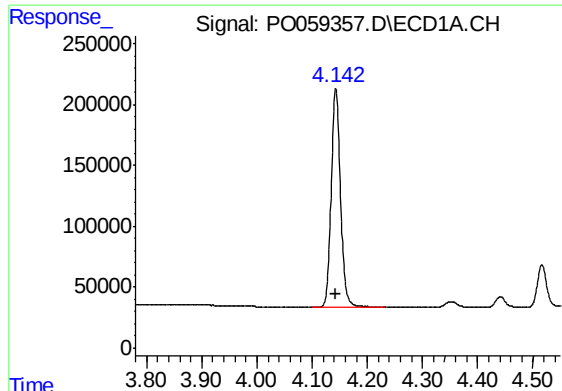
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 01:36:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 14 09:07:26 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	
45) L9	AR-1268-5	9.346	0.000	219486	0	10.223	N.D.	#

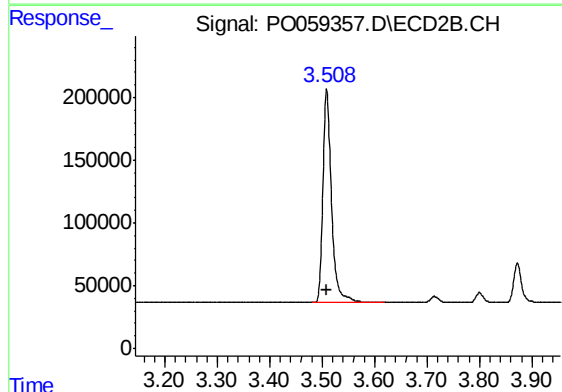
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

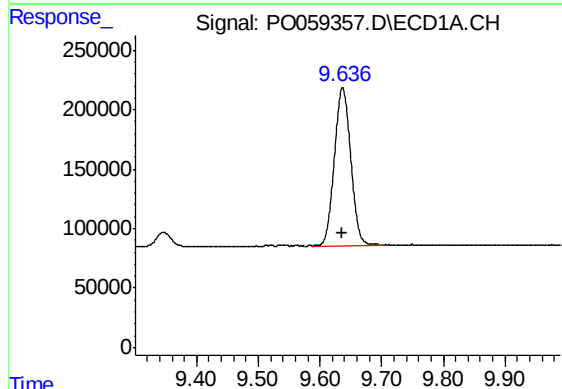
R.T.: 4.143 min
Delta R.T.: 0.000 min
Response: 2100061
Conc: 49.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



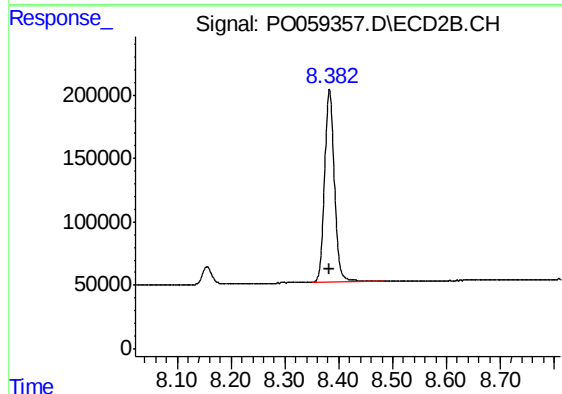
#1 Tetrachloro-m-xylene

R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 1932722
Conc: 48.38 ng/ml



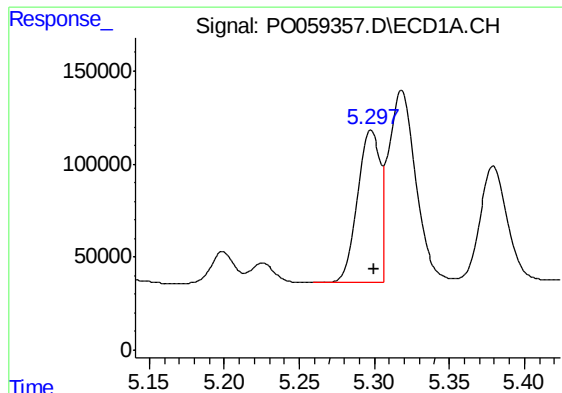
#2 Decachlorobiphenyl

R.T.: 9.637 min
Delta R.T.: 0.000 min
Response: 2433128
Conc: 44.93 ng/ml



#2 Decachlorobiphenyl

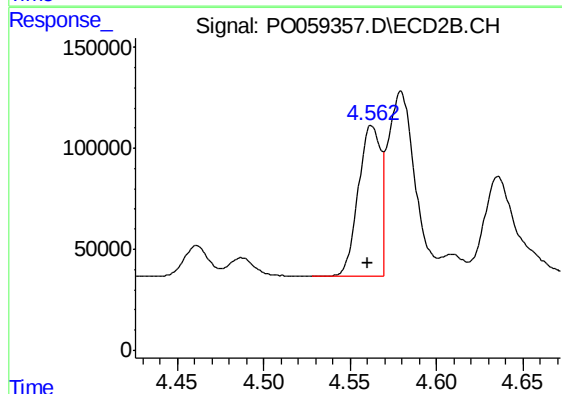
R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 1922560
Conc: 48.71 ng/ml



#3 AR-1016-1

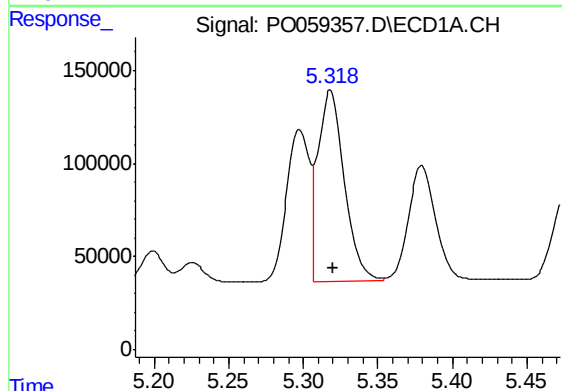
R.T.: 5.298 min
Delta R.T.: -0.002 min
Response: 867385
Conc: 462.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



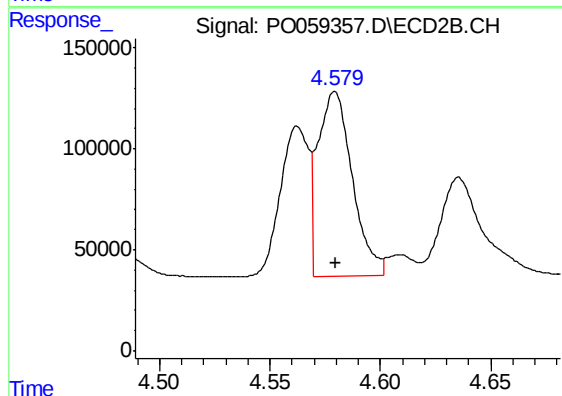
#3 AR-1016-1

R.T.: 4.562 min
Delta R.T.: 0.002 min
Response: 663139
Conc: 454.83 ng/ml



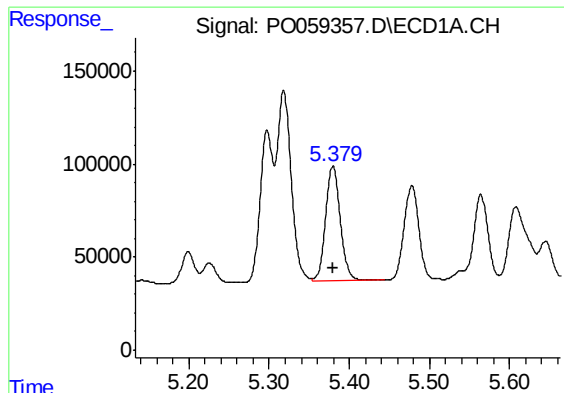
#4 AR-1016-2

R.T.: 5.318 min
Delta R.T.: -0.002 min
Response: 1284544
Conc: 466.85 ng/ml



#4 AR-1016-2

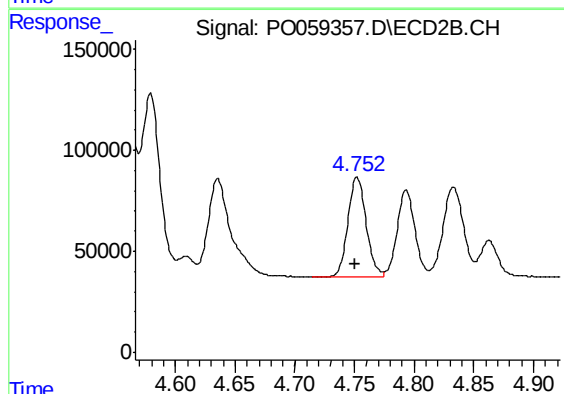
R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 996425
Conc: 464.19 ng/ml



#5 AR-1016-3

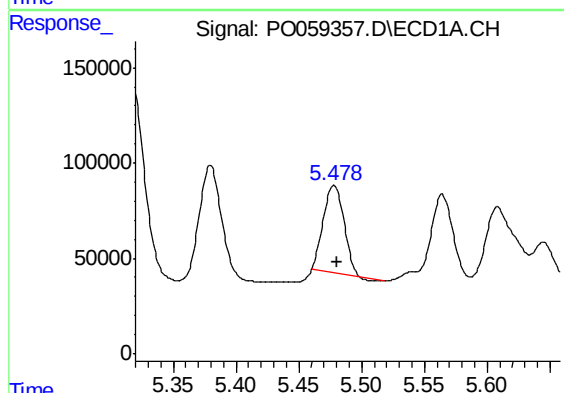
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 790977
Conc: 465.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



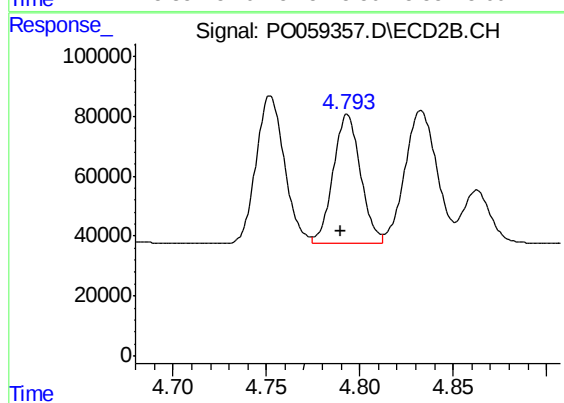
#5 AR-1016-3

R.T.: 4.752 min
Delta R.T.: 0.002 min
Response: 521934
Conc: 459.56 ng/ml



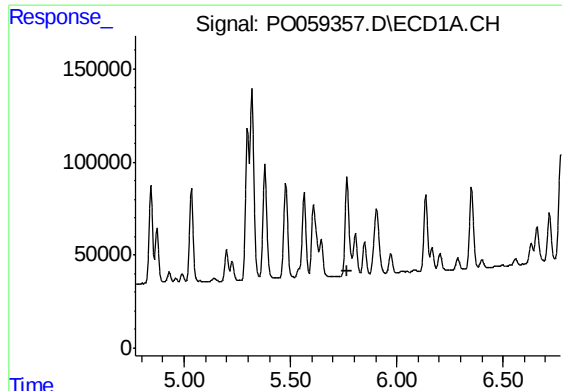
#6 AR-1016-4

R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 524343
Conc: 374.74 ng/ml



#6 AR-1016-4

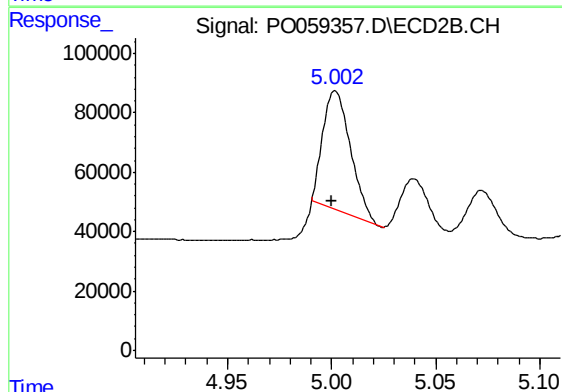
R.T.: 4.793 min
Delta R.T.: 0.003 min
Response: 444145
Conc: 470.84 ng/ml



#7 AR-1016-5

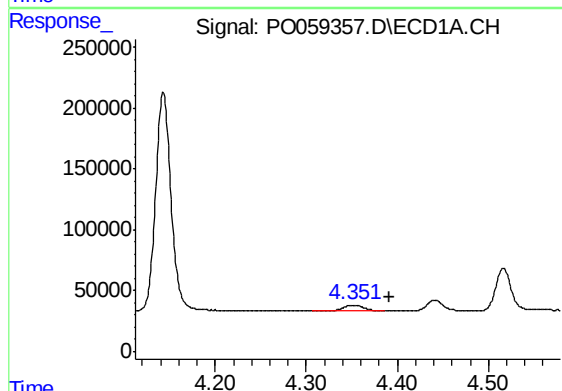
R.T.: 5.805 min
Delta R.T.: 0.035 min
Response: -187183
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



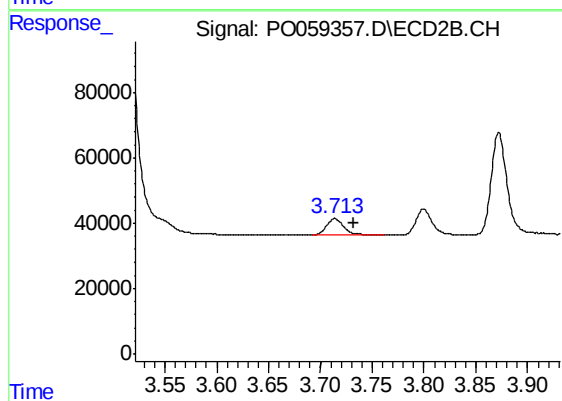
#7 AR-1016-5

R.T.: 5.002 min
Delta R.T.: 0.002 min
Response: 372532
Conc: 302.52 ng/ml



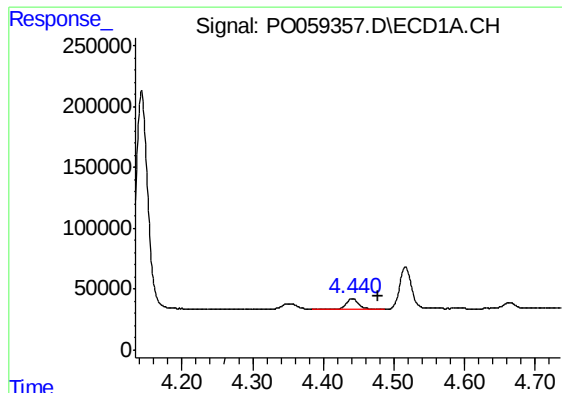
#8 AR-1221-1

R.T.: 4.351 min
Delta R.T.: -0.040 min
Response: 68168
Conc: 150.06 ng/ml



#8 AR-1221-1

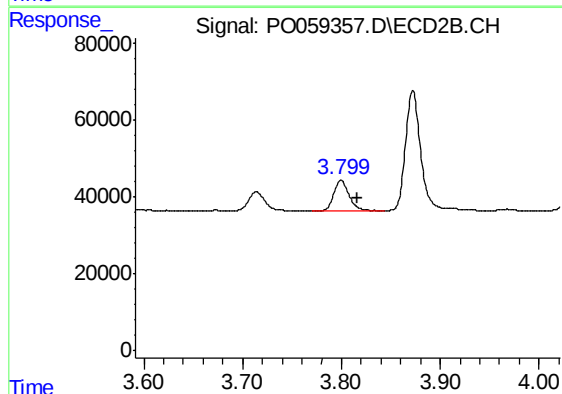
R.T.: 3.714 min
Delta R.T.: -0.018 min
Response: 56673
Conc: 140.69 ng/ml



#9 AR-1221-2

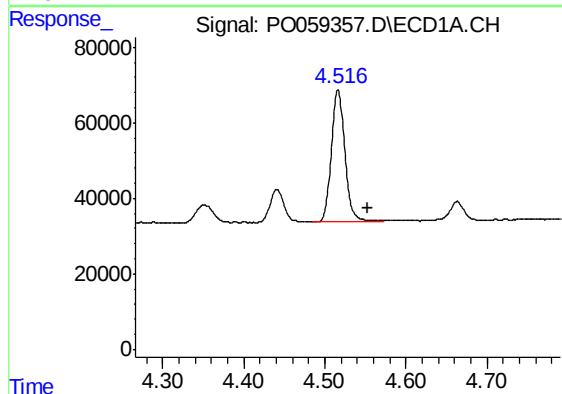
R.T.: 4.441 min
Delta R.T.: -0.036 min
Response: 103192
Conc: 299.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



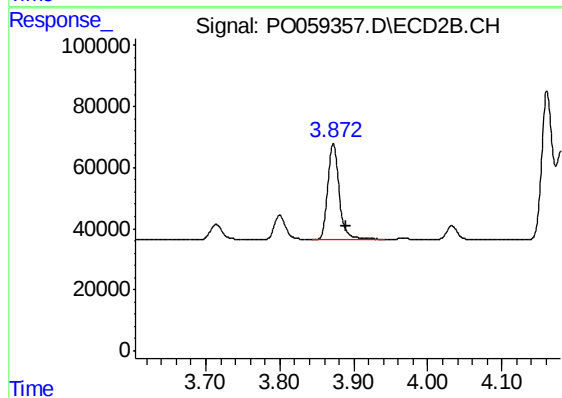
#9 AR-1221-2

R.T.: 3.800 min
Delta R.T.: -0.016 min
Response: 86175
Conc: 288.73 ng/ml



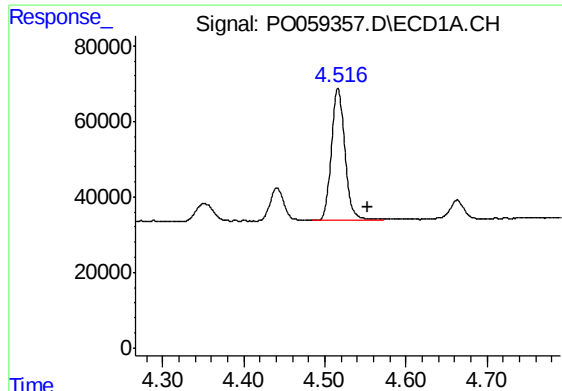
#10 AR-1221-3

R.T.: 4.516 min
Delta R.T.: -0.036 min
Response: 406029
Conc: 370.27 ng/ml



#10 AR-1221-3

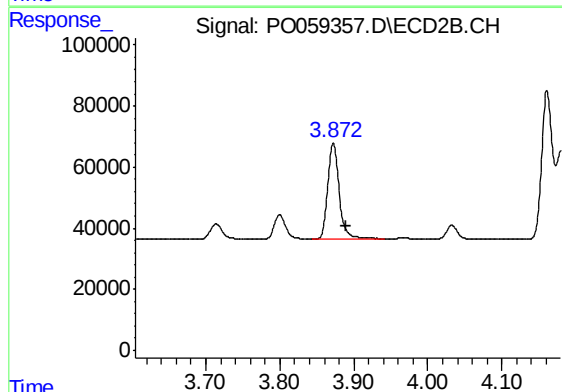
R.T.: 3.872 min
Delta R.T.: -0.017 min
Response: 336689
Conc: 351.96 ng/ml



#11 AR-1232-1

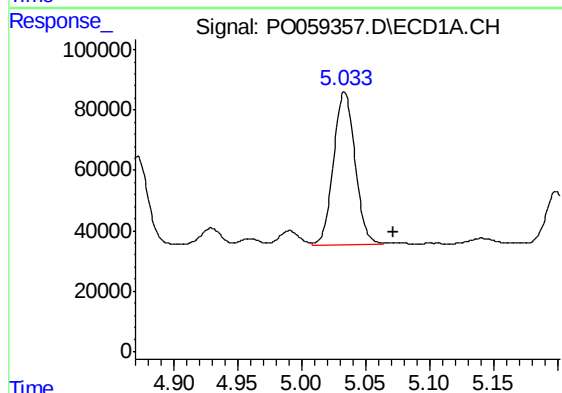
R.T.: 4.516 min
Delta R.T.: -0.037 min
Response: 406029
Conc: 449.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



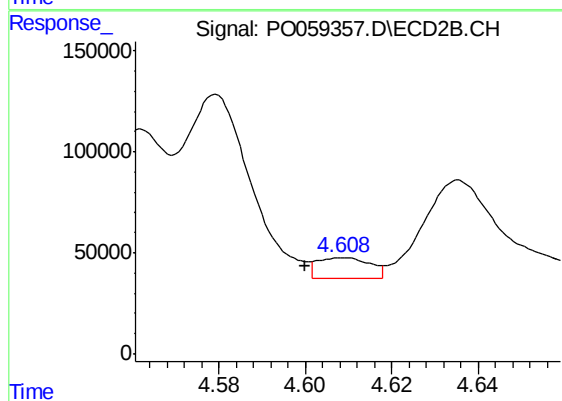
#11 AR-1232-1

R.T.: 3.872 min
Delta R.T.: -0.017 min
Response: 336689
Conc: 428.60 ng/ml



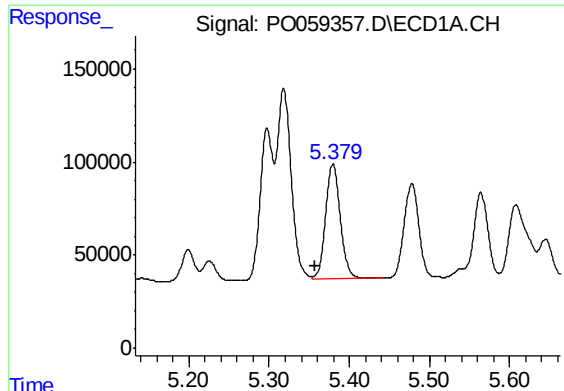
#12 AR-1232-2

R.T.: 5.034 min
Delta R.T.: -0.038 min
Response: 594704
Conc: 1209.00 ng/ml



#12 AR-1232-2

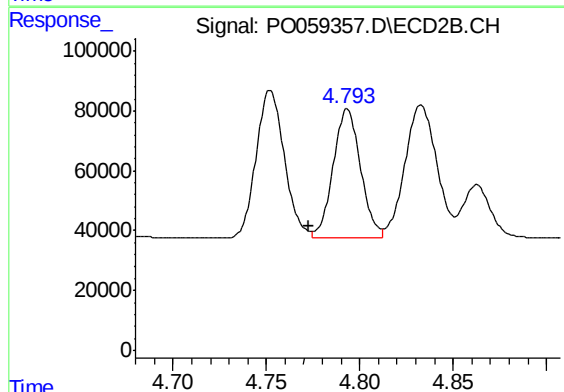
R.T.: 4.609 min
Delta R.T.: 0.009 min
Response: 89845
Conc: 106.27 ng/ml



#13 AR-1232-3

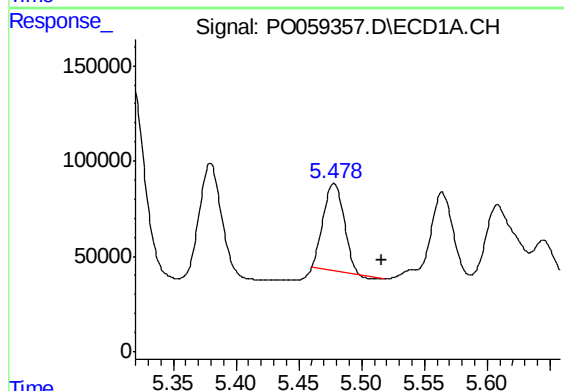
R.T.: 5.380 min
Delta R.T.: 0.022 min
Response: 790977
Conc: 738.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



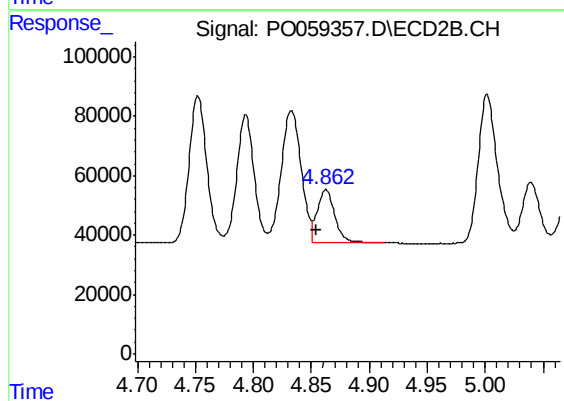
#13 AR-1232-3

R.T.: 4.793 min
Delta R.T.: 0.021 min
Response: 444145
Conc: 1009.92 ng/ml



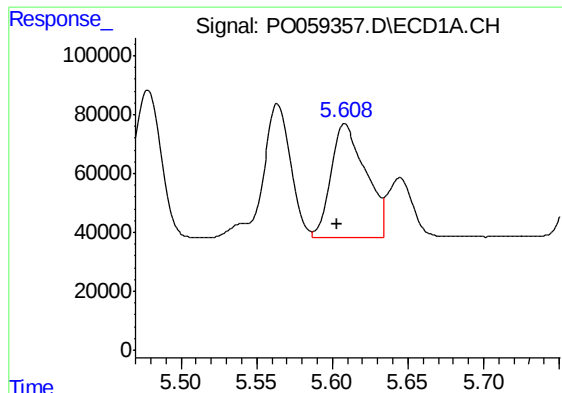
#14 AR-1232-4

R.T.: 5.478 min
Delta R.T.: -0.038 min
Response: 524343
Conc: 983.56 ng/ml



#14 AR-1232-4

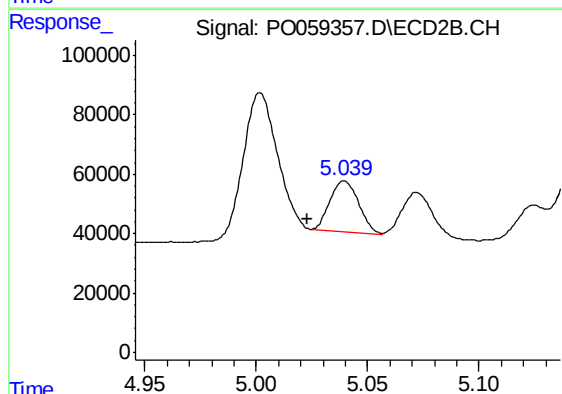
R.T.: 4.863 min
Delta R.T.: 0.008 min
Response: 189633
Conc: 479.75 ng/ml



#15 AR-1232-5

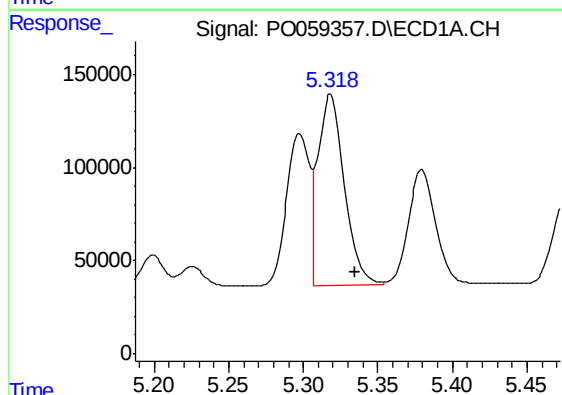
R.T.: 5.608 min
Delta R.T.: 0.005 min
Response: 622116
Conc: 1524.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



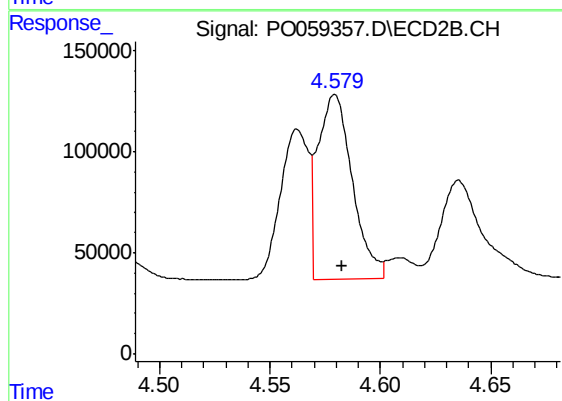
#15 AR-1232-5

R.T.: 5.040 min
Delta R.T.: 0.016 min
Response: 152674
Conc: 346.79 ng/ml



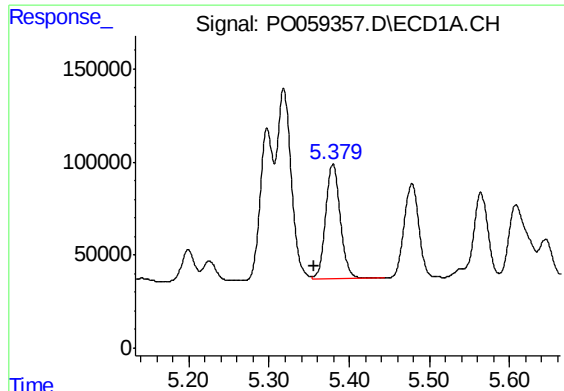
#16 AR-1242-1

R.T.: 5.318 min
Delta R.T.: -0.017 min
Response: 1284544
Conc: 1003.12 ng/ml



#16 AR-1242-1

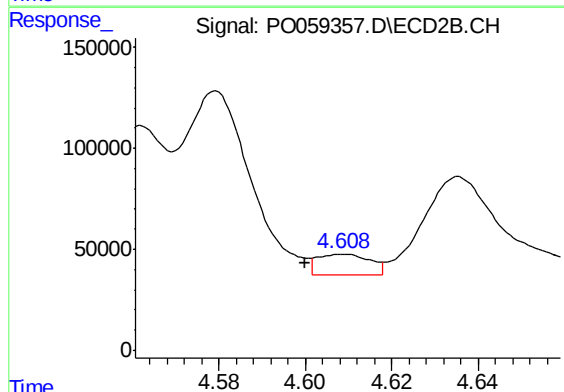
R.T.: 4.579 min
Delta R.T.: -0.003 min
Response: 996425
Conc: 981.54 ng/ml



#17 AR-1242-2

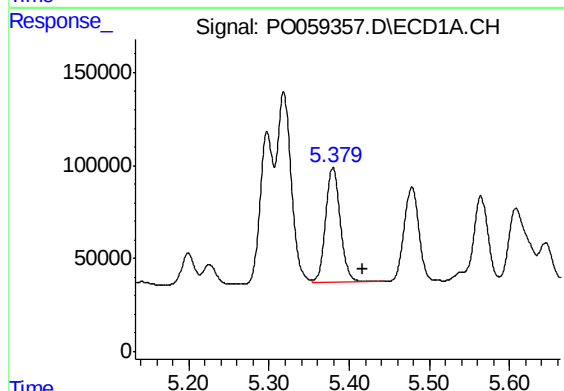
R.T.: 5.380 min
Delta R.T.: 0.024 min
Response: 790977
Conc: 418.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



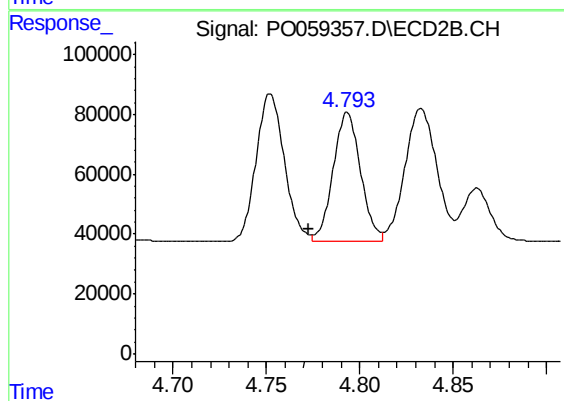
#17 AR-1242-2

R.T.: 4.609 min
Delta R.T.: 0.009 min
Response: 89845
Conc: 59.51 ng/ml



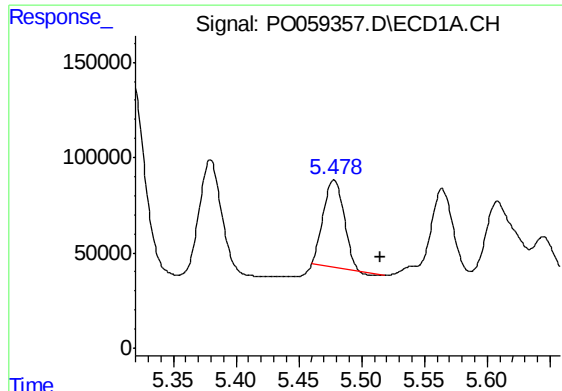
#18 AR-1242-3

R.T.: 5.380 min
Delta R.T.: -0.037 min
Response: 790977
Conc: 674.29 ng/ml



#18 AR-1242-3

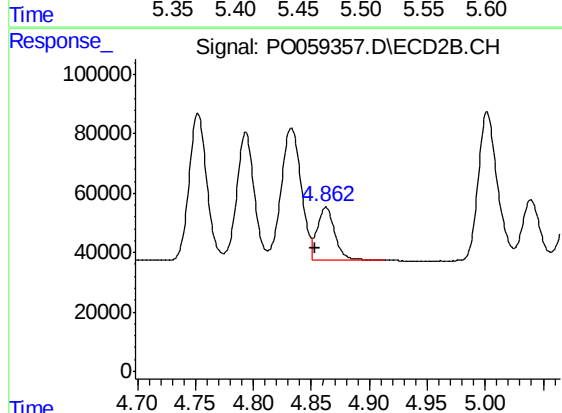
R.T.: 4.793 min
Delta R.T.: 0.020 min
Response: 444145
Conc: 545.37 ng/ml



#19 AR-1242-4

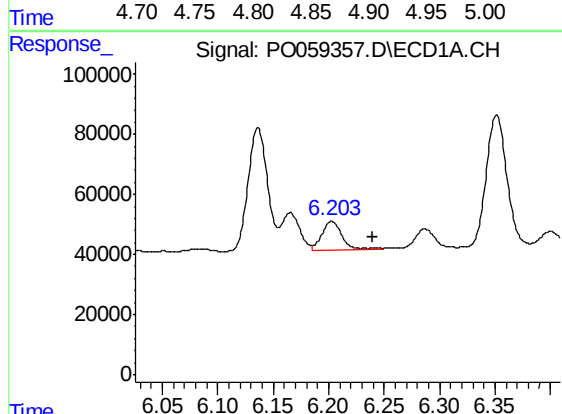
R.T.: 5.478 min
Delta R.T.: -0.037 min
Response: 524343
Conc: 545.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



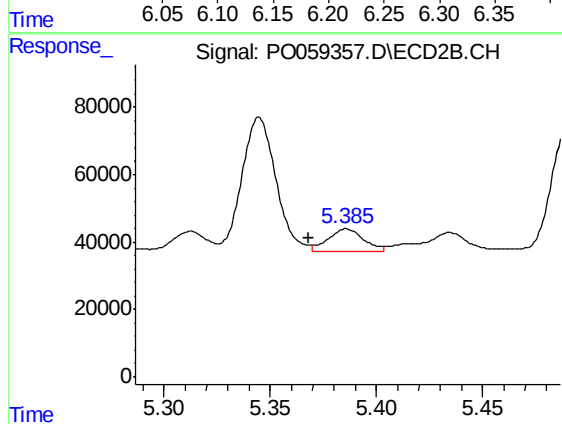
#19 AR-1242-4

R.T.: 4.863 min
Delta R.T.: 0.009 min
Response: 189633
Conc: 234.40 ng/ml



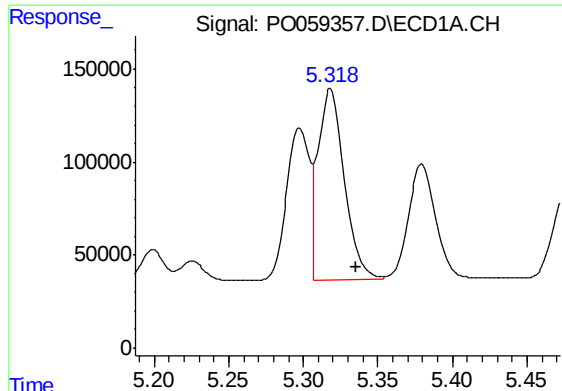
#20 AR-1242-5

R.T.: 6.203 min
Delta R.T.: -0.037 min
Response: 114374
Conc: 97.38 ng/ml



#20 AR-1242-5

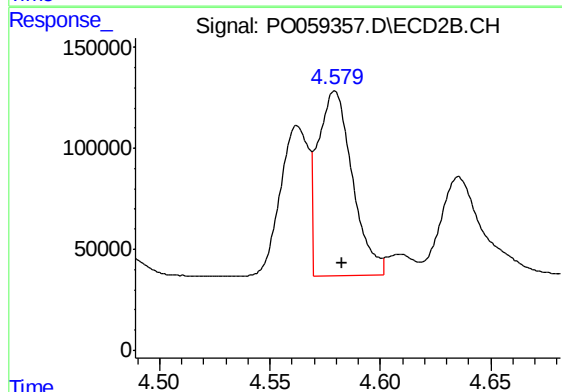
R.T.: 5.386 min
Delta R.T.: 0.017 min
Response: 76130
Conc: 70.97 ng/ml



#21 AR-1248-1

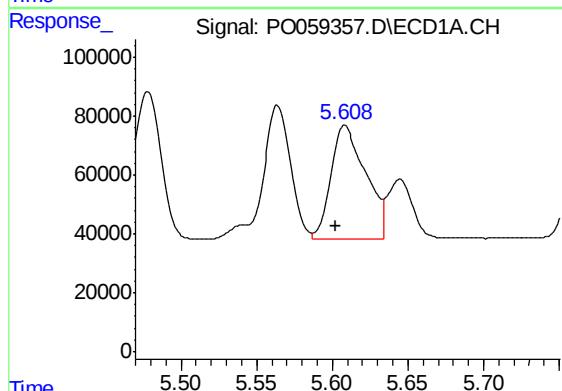
R.T.: 5.318 min
Delta R.T.: -0.017 min
Response: 1284544
Conc: 1270.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



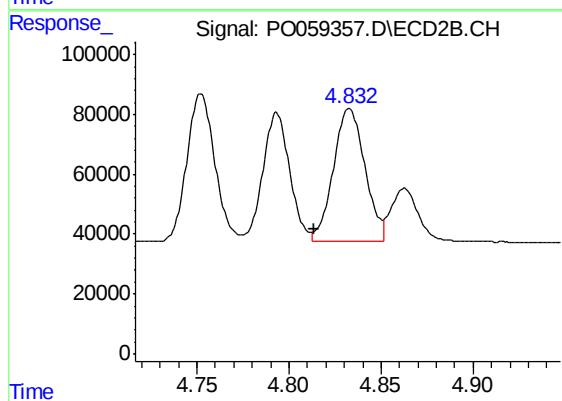
#21 AR-1248-1

R.T.: 4.579 min
Delta R.T.: -0.003 min
Response: 996425
Conc: 1246.08 ng/ml



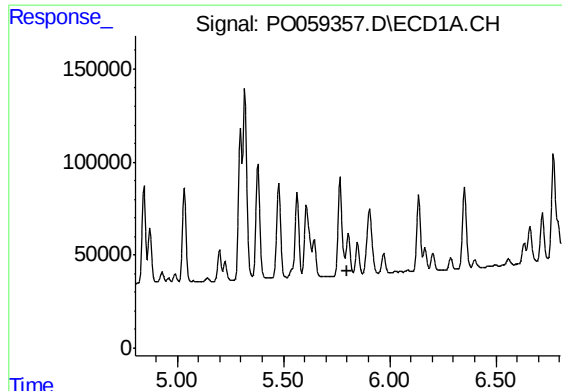
#22 AR-1248-2

R.T.: 5.608 min
Delta R.T.: 0.006 min
Response: 622116
Conc: 430.35 ng/ml



#22 AR-1248-2

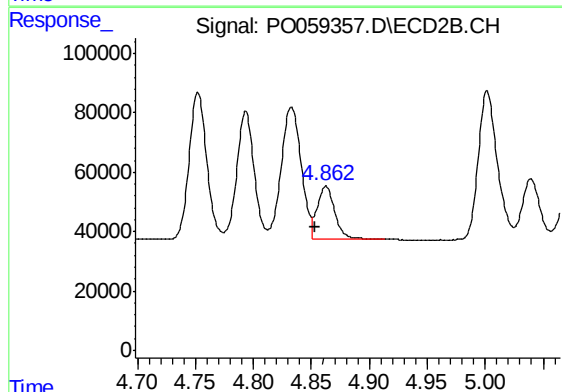
R.T.: 4.833 min
Delta R.T.: 0.019 min
Response: 532348
Conc: 480.46 ng/ml



#23 AR-1248-3

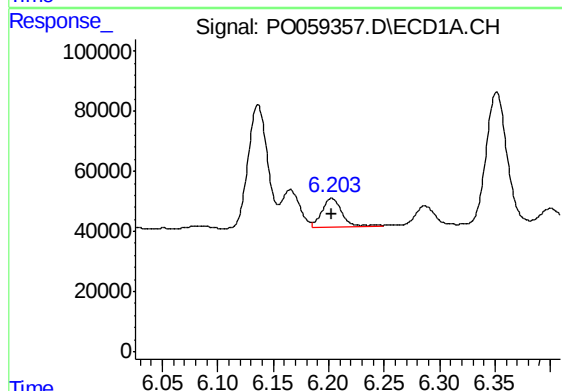
R.T.: 5.805 min
Delta R.T.: 0.002 min
Response: -187183
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



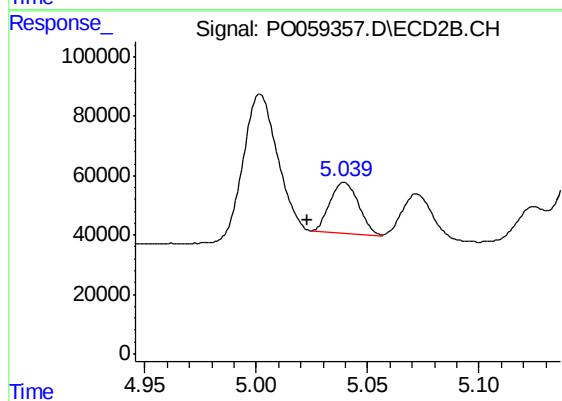
#23 AR-1248-3

R.T.: 4.863 min
Delta R.T.: 0.009 min
Response: 189633
Conc: 166.61 ng/ml



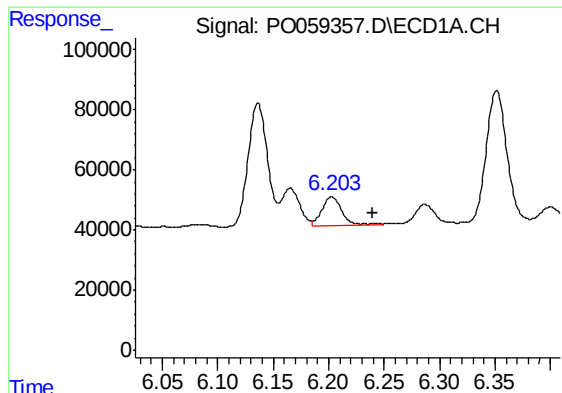
#24 AR-1248-4

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 114374
Conc: 56.47 ng/ml



#24 AR-1248-4

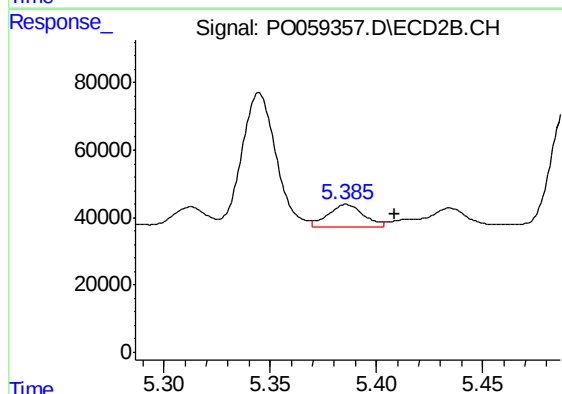
R.T.: 5.040 min
Delta R.T.: 0.017 min
Response: 152674
Conc: 109.29 ng/ml



#25 AR-1248-5

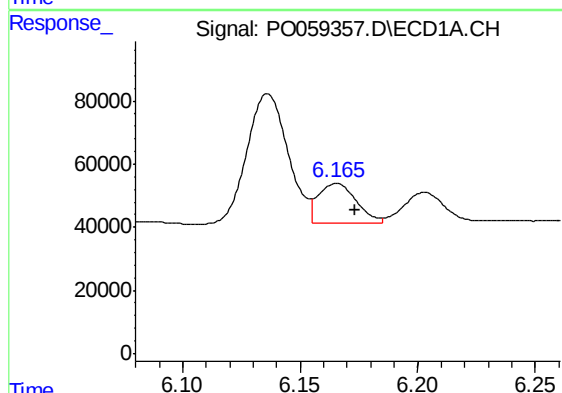
R.T.: 6.203 min
Delta R.T.: -0.037 min
Response: 114374
Conc: 59.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



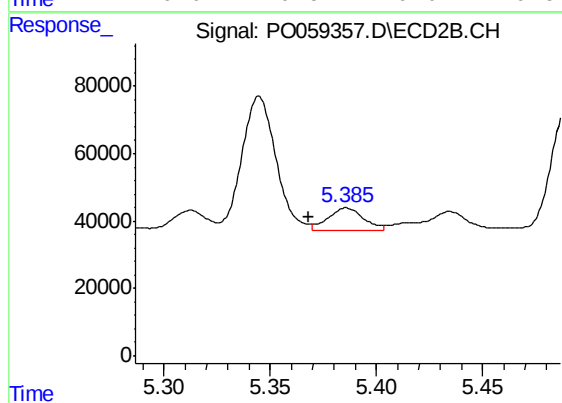
#25 AR-1248-5

R.T.: 5.386 min
Delta R.T.: -0.023 min
Response: 76130
Conc: 54.96 ng/ml



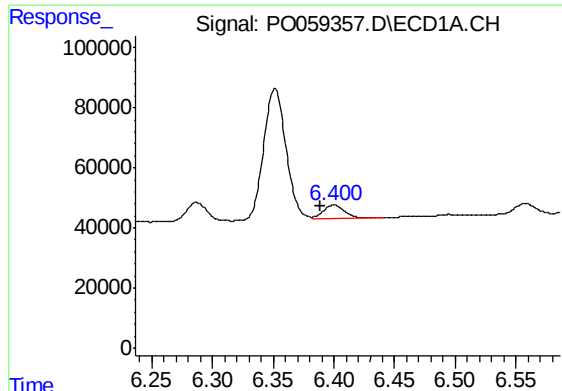
#26 AR-1254-1

R.T.: 6.165 min
Delta R.T.: -0.008 min
Response: 141158
Conc: 59.78 ng/ml



#26 AR-1254-1

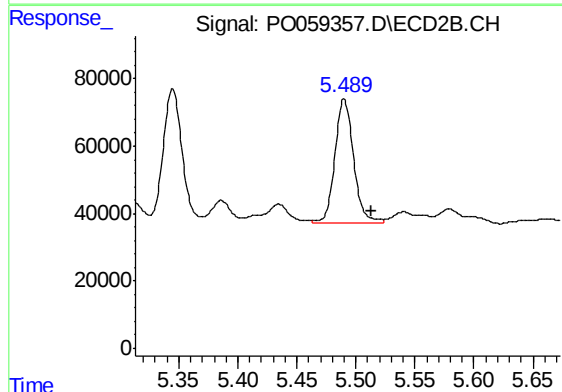
R.T.: 5.386 min
Delta R.T.: 0.017 min
Response: 76130
Conc: 29.39 ng/ml



#27 AR-1254-2

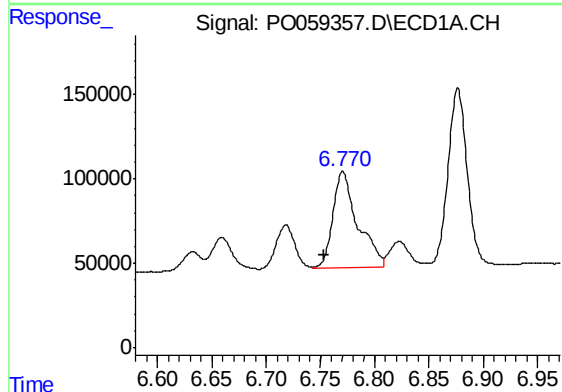
R.T.: 6.400 min
Delta R.T.: 0.011 min
Response: 57292
Conc: 14.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



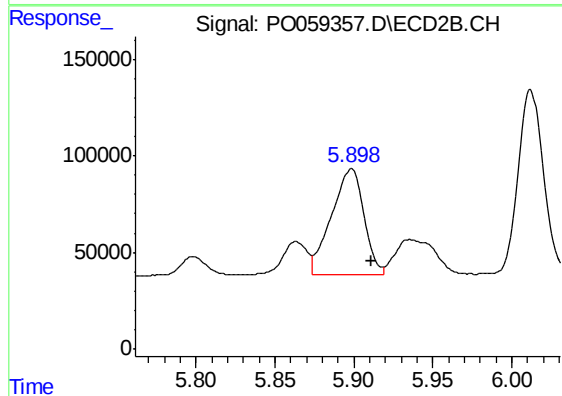
#27 AR-1254-2

R.T.: 5.490 min
Delta R.T.: -0.024 min
Response: 410615
Conc: 179.35 ng/ml



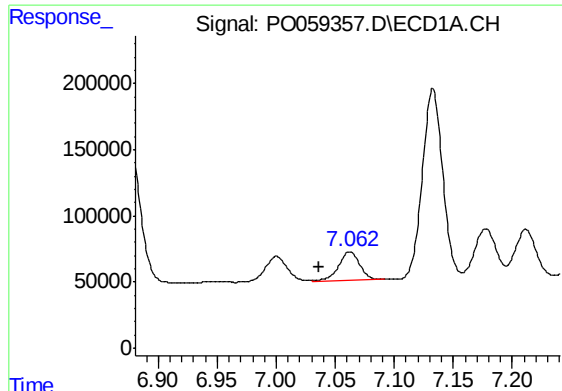
#28 AR-1254-3

R.T.: 6.771 min
Delta R.T.: 0.017 min
Response: 908418
Conc: 224.32 ng/ml



#28 AR-1254-3

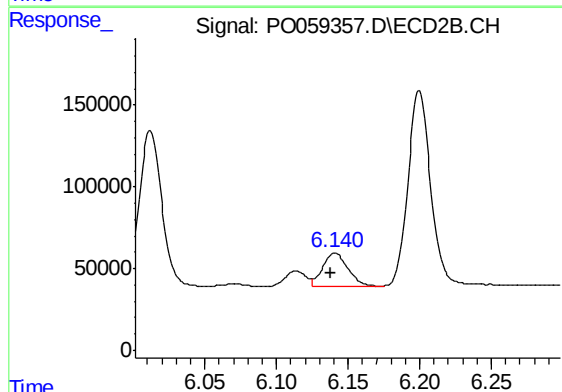
R.T.: 5.898 min
Delta R.T.: -0.013 min
Response: 778733
Conc: 211.65 ng/ml



#29 AR-1254-4

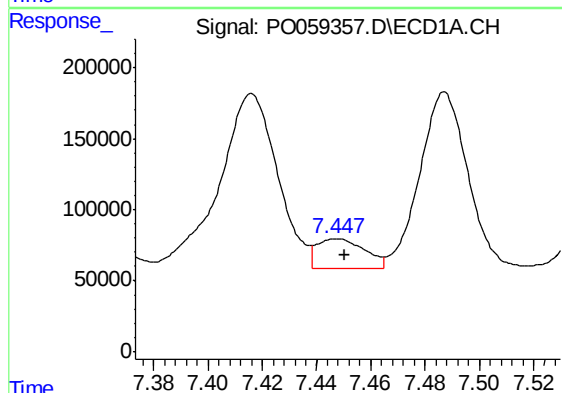
R.T.: 7.063 min
Delta R.T.: 0.026 min
Response: 265568
Conc: 73.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



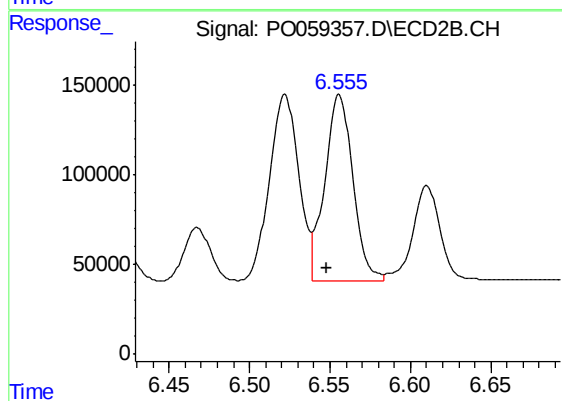
#29 AR-1254-4

R.T.: 6.141 min
Delta R.T.: 0.003 min
Response: 250664
Conc: 107.80 ng/ml



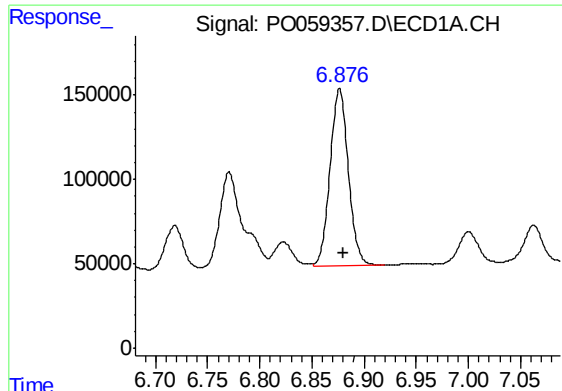
#30 AR-1254-5

R.T.: 7.448 min
Delta R.T.: -0.003 min
Response: 254655
Conc: 70.25 ng/ml



#30 AR-1254-5

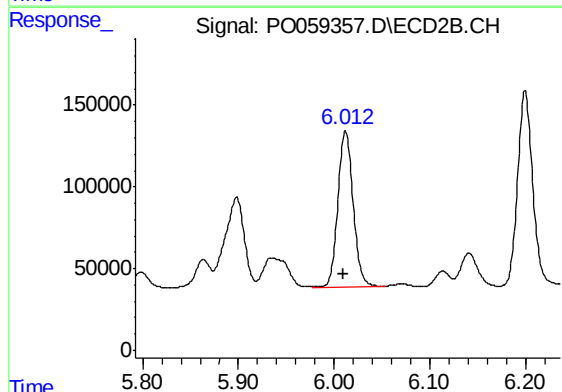
R.T.: 6.556 min
Delta R.T.: 0.008 min
Response: 1265958
Conc: 366.99 ng/ml



#31 AR-1260-1

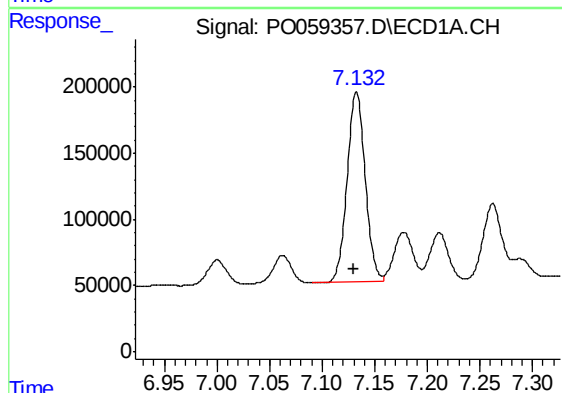
R.T.: 6.876 min
Delta R.T.: -0.004 min
Response: 1293632
Conc: 449.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



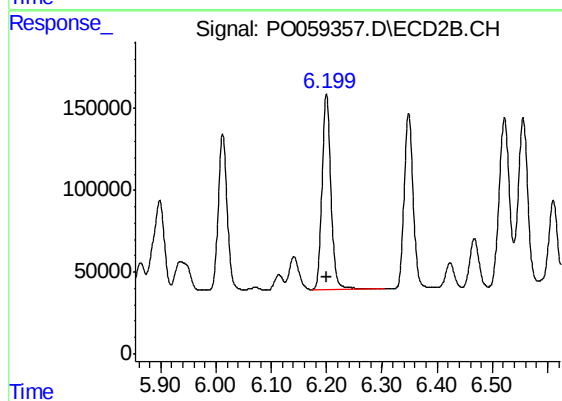
#31 AR-1260-1

R.T.: 6.012 min
Delta R.T.: 0.002 min
Response: 1062450
Conc: 446.40 ng/ml



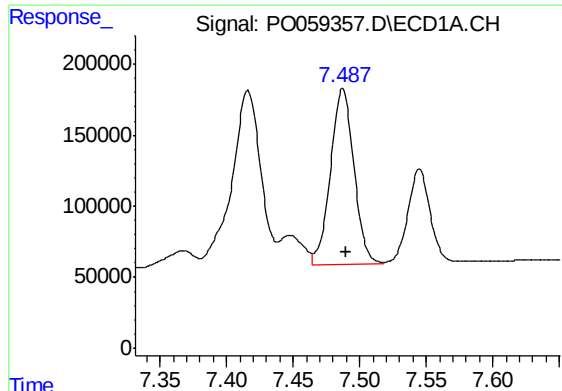
#32 AR-1260-2

R.T.: 7.133 min
Delta R.T.: 0.003 min
Response: 1723148
Conc: 414.21 ng/ml



#32 AR-1260-2

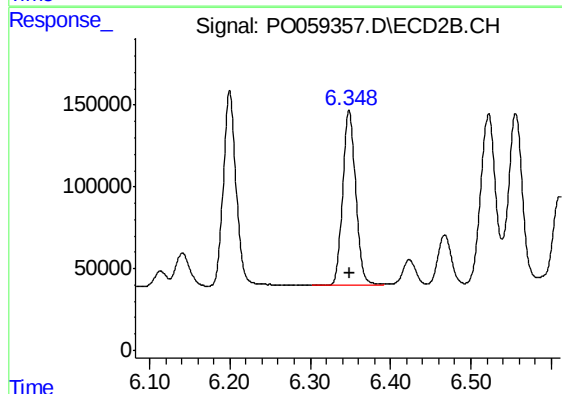
R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 1332006
Conc: 439.71 ng/ml



#33 AR-1260-3

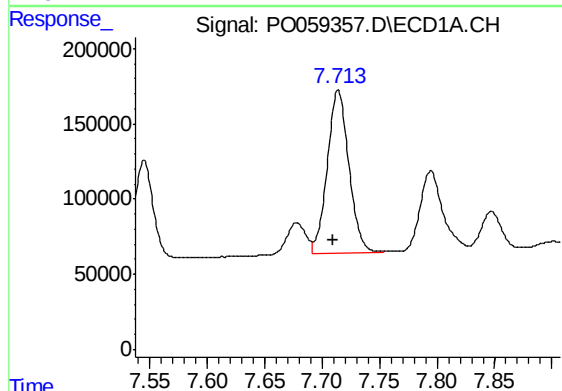
R.T.: 7.487 min
Delta R.T.: -0.003 min
Response: 1508962
Conc: 405.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



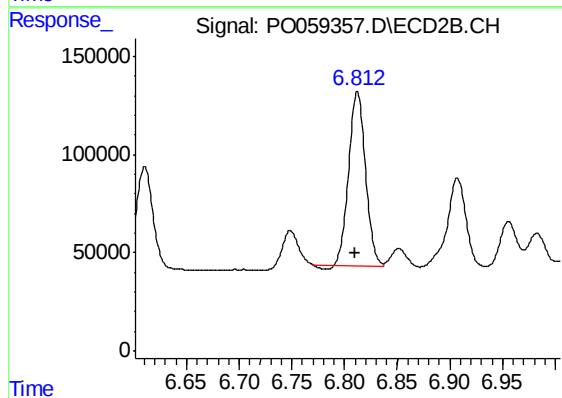
#33 AR-1260-3

R.T.: 6.348 min
Delta R.T.: -0.002 min
Response: 1207786
Conc: 447.35 ng/ml



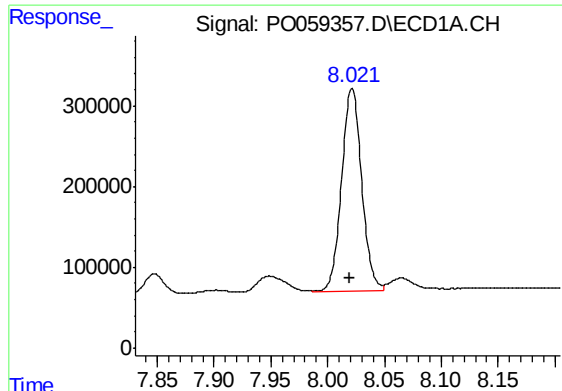
#34 AR-1260-4

R.T.: 7.714 min
Delta R.T.: 0.004 min
Response: 1422609
Conc: 417.46 ng/ml



#34 AR-1260-4

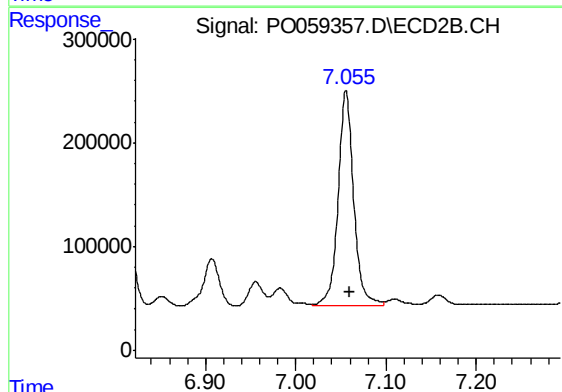
R.T.: 6.812 min
Delta R.T.: 0.002 min
Response: 979632
Conc: 433.56 ng/ml



#35 AR-1260-5

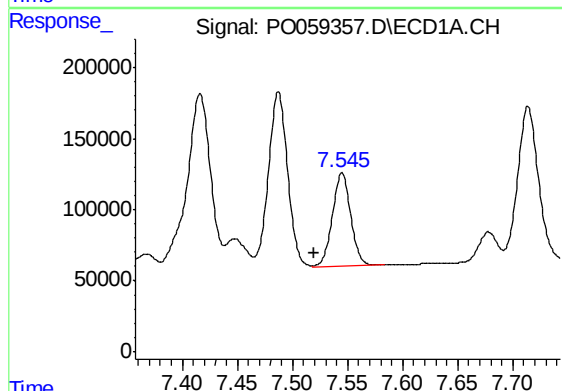
R.T.: 8.021 min
Delta R.T.: 0.001 min
Response: 3100472
Conc: 421.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



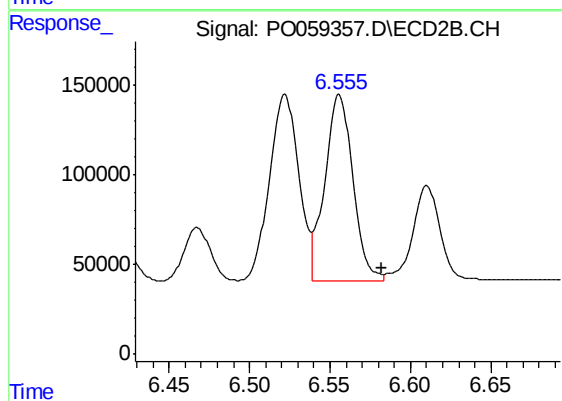
#35 AR-1260-5

R.T.: 7.056 min
Delta R.T.: -0.004 min
Response: 2470164
Conc: 458.68 ng/ml



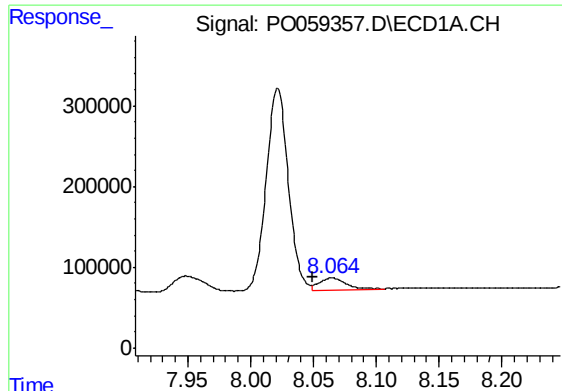
#36 AR-1262-1

R.T.: 7.545 min
Delta R.T.: 0.025 min
Response: 754254
Conc: 149.65 ng/ml



#36 AR-1262-1

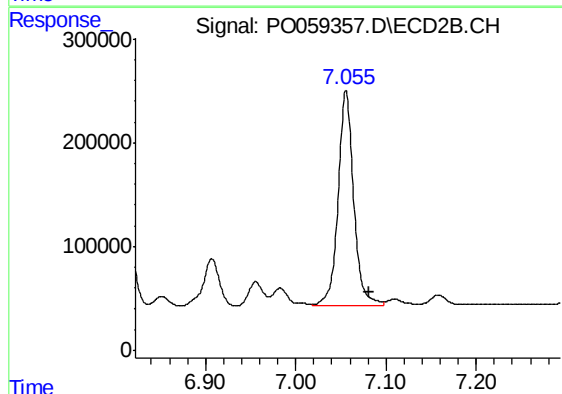
R.T.: 6.556 min
Delta R.T.: -0.027 min
Response: 1265958
Conc: 354.44 ng/ml



#37 AR-1262-2

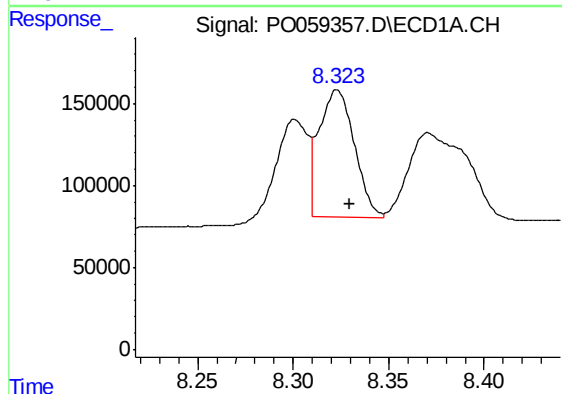
R.T.: 8.065 min
Delta R.T.: 0.015 min
Response: 246055
Conc: 30.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



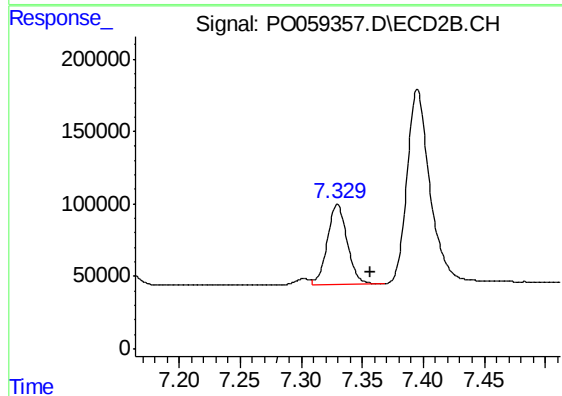
#37 AR-1262-2

R.T.: 7.056 min
Delta R.T.: -0.026 min
Response: 2470164
Conc: 437.51 ng/ml



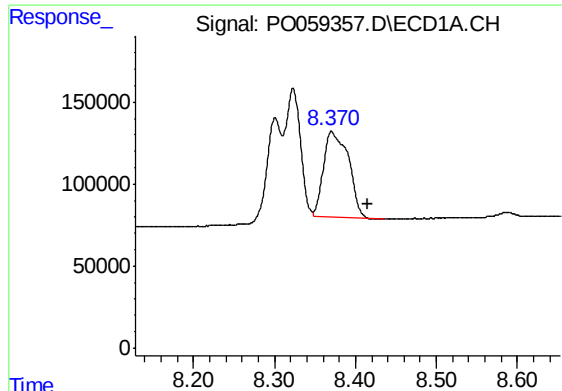
#38 AR-1262-3

R.T.: 8.323 min
Delta R.T.: -0.007 min
Response: 985439
Conc: 193.85 ng/ml



#38 AR-1262-3

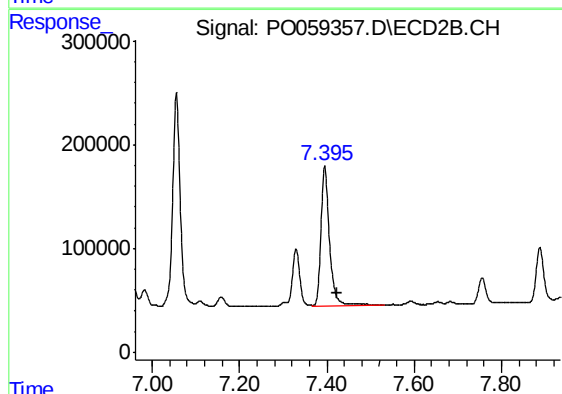
R.T.: 7.330 min
Delta R.T.: -0.027 min
Response: 624785
Conc: 253.15 ng/ml



#39 AR-1262-4

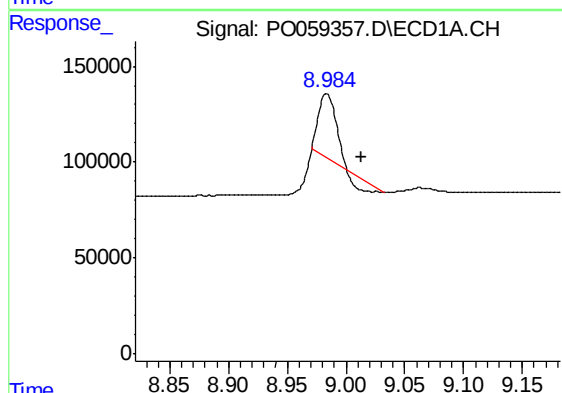
R.T.: 8.371 min
Delta R.T.: -0.045 min
Response: 1110177
Conc: 292.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



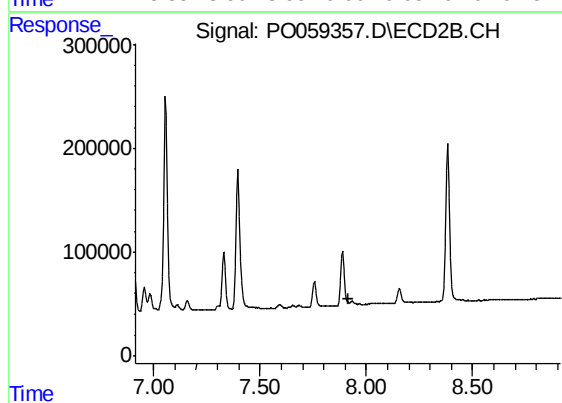
#39 AR-1262-4

R.T.: 7.395 min
Delta R.T.: -0.027 min
Response: 1792323
Conc: 422.10 ng/ml



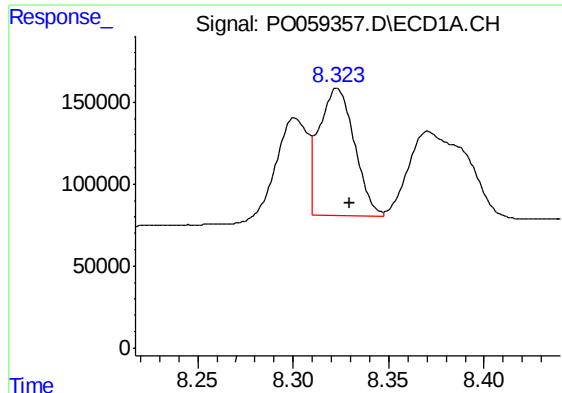
#40 AR-1262-5

R.T.: 8.983 min
Delta R.T.: -0.030 min
Response: 283029
Conc: 123.19 ng/ml



#40 AR-1262-5

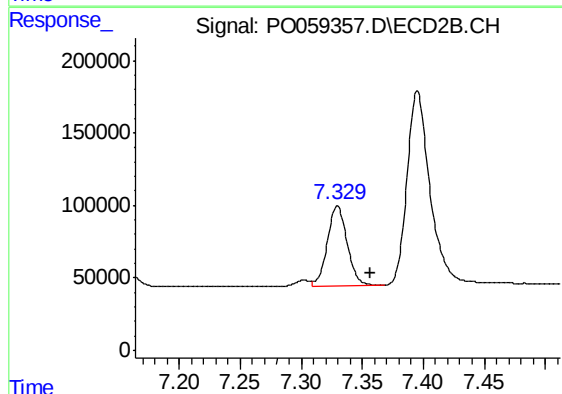
R.T.: 7.933 min
Delta R.T.: 0.020 min
Response: -254819
Conc: N.D.



#41 AR-1268-1

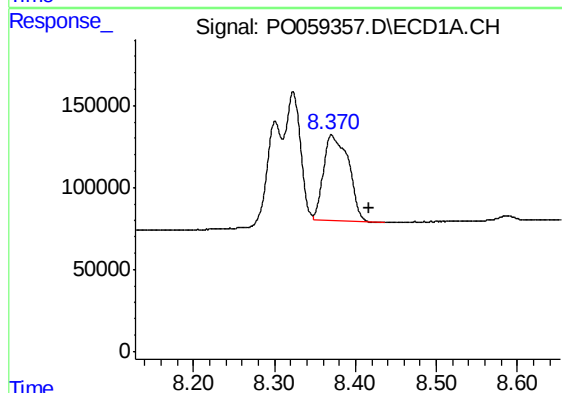
R.T.: 8.323 min
Delta R.T.: -0.006 min
Response: 985439
Conc: 88.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



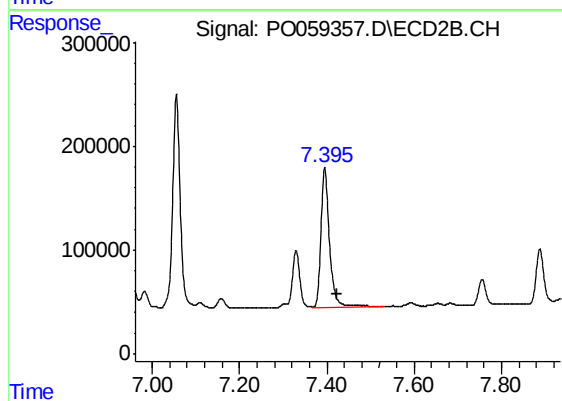
#41 AR-1268-1

R.T.: 7.330 min
Delta R.T.: -0.027 min
Response: 624785
Conc: 76.71 ng/ml



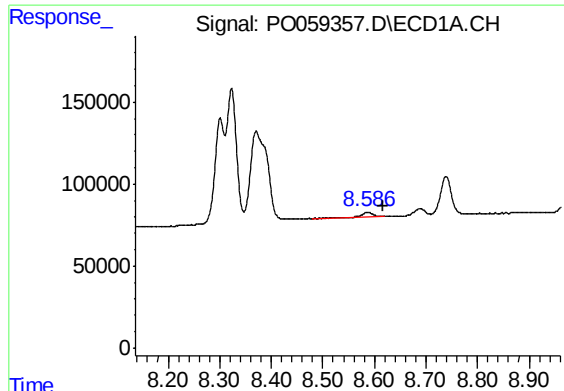
#42 AR-1268-2

R.T.: 8.371 min
Delta R.T.: -0.046 min
Response: 1110177
Conc: 118.19 ng/ml



#42 AR-1268-2

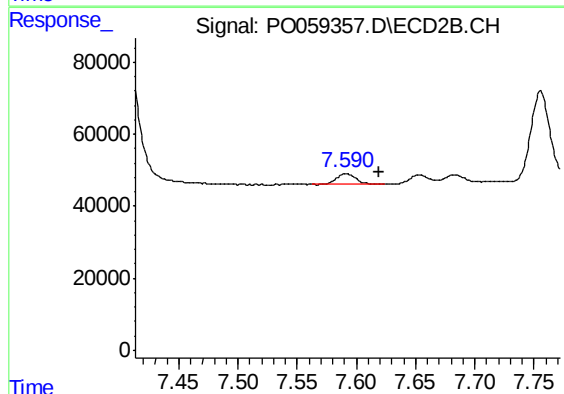
R.T.: 7.395 min
Delta R.T.: -0.027 min
Response: 1792323
Conc: 236.54 ng/ml



#43 AR-1268-3

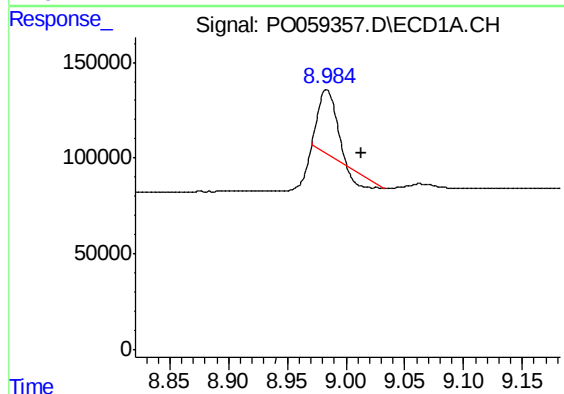
R.T.: 8.587 min
Delta R.T.: -0.030 min
Response: 48671
Conc: 5.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



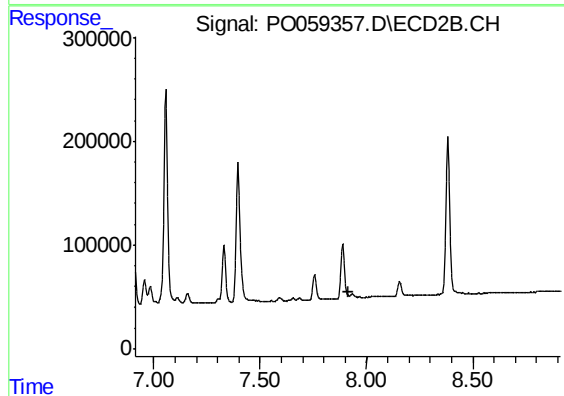
#43 AR-1268-3

R.T.: 7.591 min
Delta R.T.: -0.028 min
Response: 34338
Conc: 5.37 ng/ml



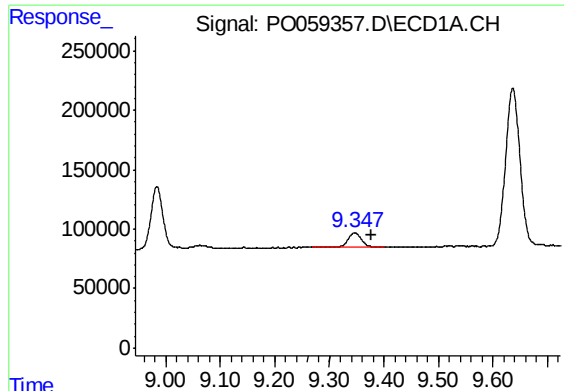
#44 AR-1268-4

R.T.: 8.983 min
Delta R.T.: -0.030 min
Response: 283029
Conc: 94.68 ng/ml



#44 AR-1268-4

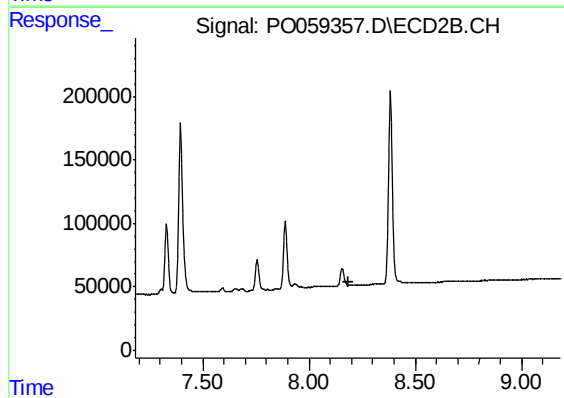
R.T.: 7.933 min
Delta R.T.: 0.020 min
Response: -254819
Conc: N.D.



#45 AR-1268-5

R.T.: 9.346 min
Delta R.T.: -0.030 min
Response: 219486
Conc: 10.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.