

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062019\
 Data File : P0057316.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jun 2019 17:37
 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 21 02:00:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 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...	4.241	3.559	2199700	1789420	57.458	54.260
2)	SA Decachlor...	9.804	8.487	2207464	1513572	44.973	42.448
Target Compounds							
3)	L1 AR-1016-1	5.424	4.643	1358791	962958	755.463	765.172
4)	L1 AR-1016-2	5.424	4.673	1358791	81125	541.120	45.029 #
5)	L1 AR-1016-3	5.485	4.817	810861	524220	504.488	531.692
6)	L1 AR-1016-4	5.583	4.858	659301	435367	502.593	525.906
7)	L1 AR-1016-5	5.874	5.108	642334	43184	464.918	40.256 #
8)	L2 AR-1221-1	0.000	3.767	0	57020	N.D.	112.432 #
9)	L2 AR-1221-2	4.615	3.853	415132	86974	870.120	230.780 #
10)	L2 AR-1221-3	4.615	3.927	415132	329762	280.860	275.478
11)	L3 AR-1232-1	4.615	3.927	415132	329762	352.289	367.069
12)	L3 AR-1232-2	5.137	4.673	617274	81125	930.976	83.472 #
13)	L3 AR-1232-3	5.424	4.817	1358791	524220	957.806	1001.772
14)	L3 AR-1232-4	5.583	4.930	659301	185543	936.604	376.594 #
15)	L3 AR-1232-5	5.672	5.108	549687	43184	972.229	76.668 #
16)	L4 AR-1242-1	5.424	4.643	1358791	962958	787.617	777.468
17)	L4 AR-1242-2	5.424	4.673	1358791	81125	535.216	45.109 #
18)	L4 AR-1242-3	5.485	4.817	810861	524220	498.680	533.228
19)	L4 AR-1242-4	5.583	4.930	659301	185543	493.222	190.672 #
20)	L4 AR-1242-5	0.000	5.416	0	415213	N.D.	351.199 #
21)	L5 AR-1248-1	5.424	4.643	1358791	962958	1054.541	1028.232
22)	L5 AR-1248-2	5.672	4.858	549687	435367	295.072	342.688
23)	L5 AR-1248-3	5.874	4.930	642334	185543	313.127	142.080 #
24)	L5 AR-1248-4	0.000	5.108	0	43184	N.D.	27.269 #
25)	L5 AR-1248-5	0.000	5.457	0	69433	N.D.	41.952 #
26)	L6 AR-1254-1	0.000	5.416	0	415213	N.D.	156.996 #
27)	L6 AR-1254-2	6.462	5.562	514264	250898	132.402	116.383
28)	L6 AR-1254-3	6.883	5.975	801237	719390	194.315	196.497
29)	L6 AR-1254-4	0.000	6.217	0	224711	N.D.	102.284 #
30)	L6 AR-1254-5	7.527	6.638	1803040	1107291	478.814	349.277 #
31)	L7 AR-1260-1	6.989	6.089	1194370	967084	465.428	483.450
32)	L7 AR-1260-2	7.245	6.277	1500684	1214472	496.231	492.694
33)	L7 AR-1260-3	7.601	6.429	1190629	1055390	494.232	470.478
34)	L7 AR-1260-4	7.825	6.934	1205662	92622	460.315	49.770 #
35)	L7 AR-1260-5	8.133	7.137	2259055	2111514	472.400	489.645
36)	L8 AR-1262-1	7.601	6.638	1190629	1107291	254.574	265.279
37)	L8 AR-1262-2	8.133	7.137	2259055	2111514	296.316	307.324
38)	L8 AR-1262-3	8.442	7.416	1429461	511784	273.134	173.285 #
39)	L8 AR-1262-4	8.493	7.480	935385	1462046	219.106	280.590 #
40)	L8 AR-1262-5	9.123	7.974	641118	512994	233.333	220.914
41)	L9 AR-1268-1	8.442	7.416	1429461	511784	175.664	68.557 #
42)	L9 AR-1268-2	8.493	7.480	935385	1462046	115.625	209.370 #

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 Acq On : 20 Jun 2019 17:37
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

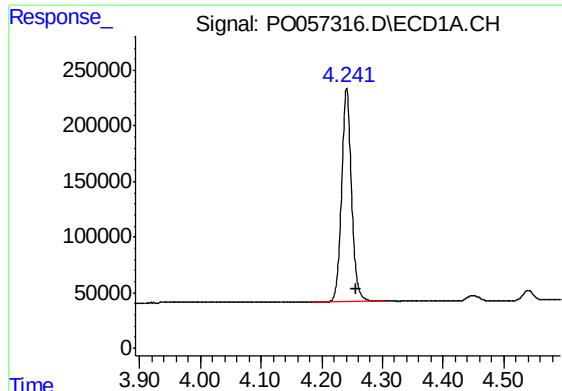
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:00:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.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
43) L9	AR-1268-3	0.000	7.682	0	27227	N.D.	4.587 #
44) L9	AR-1268-4	9.123	7.974	641118	512994	235.094	219.768
45) L9	AR-1268-5	0.000	8.249	0	139250	N.D.	8.046 #

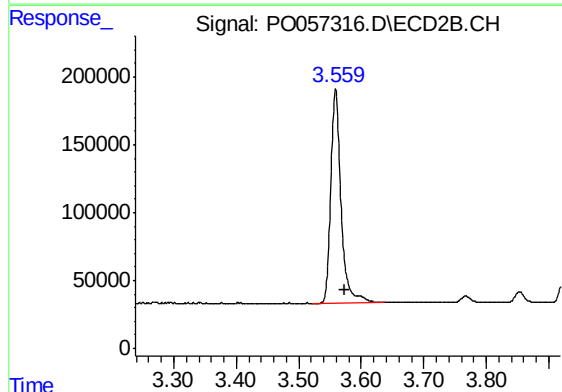
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

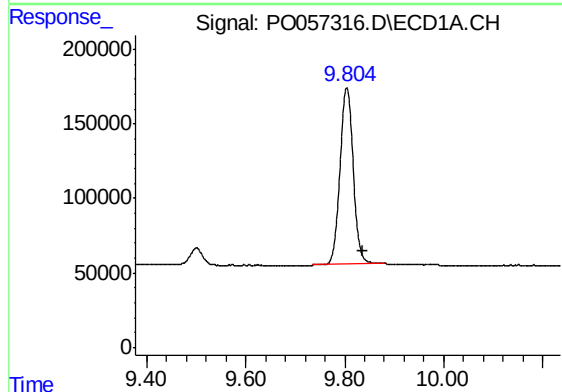
R.T.: 4.241 min
Delta R.T.: -0.015 min
Response: 2199700
Conc: 57.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



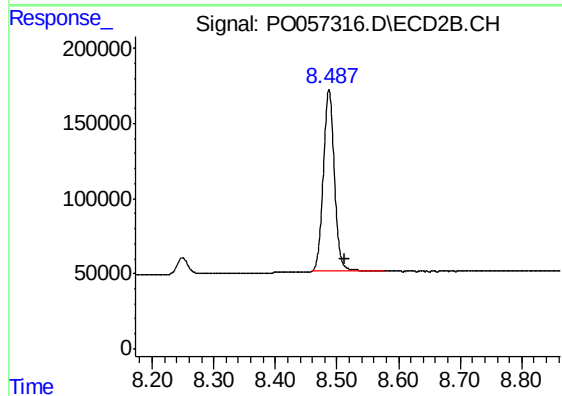
#1 Tetrachloro-m-xylene

R.T.: 3.559 min
Delta R.T.: -0.014 min
Response: 1789420
Conc: 54.26 ng/ml



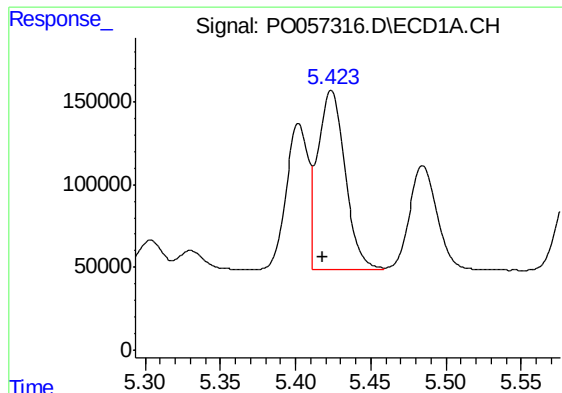
#2 Decachlorobiphenyl

R.T.: 9.804 min
Delta R.T.: -0.032 min
Response: 2207464
Conc: 44.97 ng/ml



#2 Decachlorobiphenyl

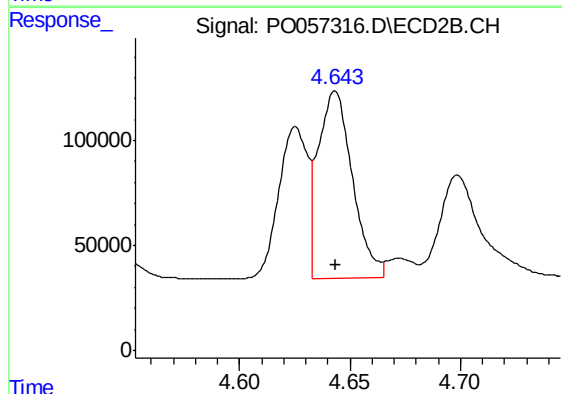
R.T.: 8.487 min
Delta R.T.: -0.026 min
Response: 1513572
Conc: 42.45 ng/ml



#3 AR-1016-1

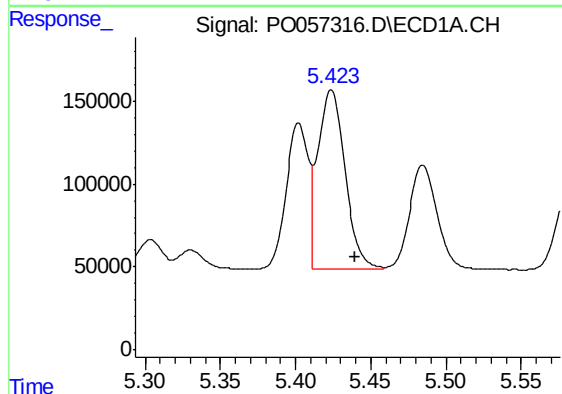
R.T.: 5.424 min
Delta R.T.: 0.006 min
Response: 1358791
Conc: 755.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



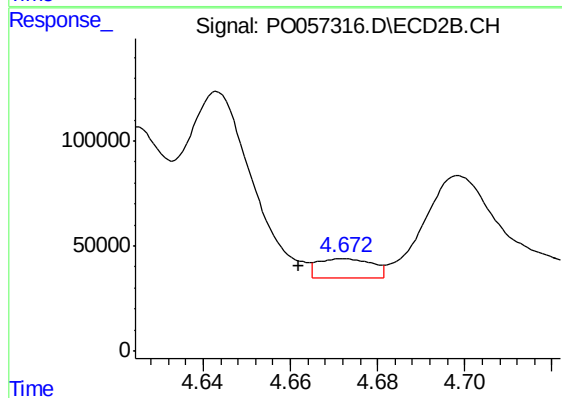
#3 AR-1016-1

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 962958
Conc: 765.17 ng/ml



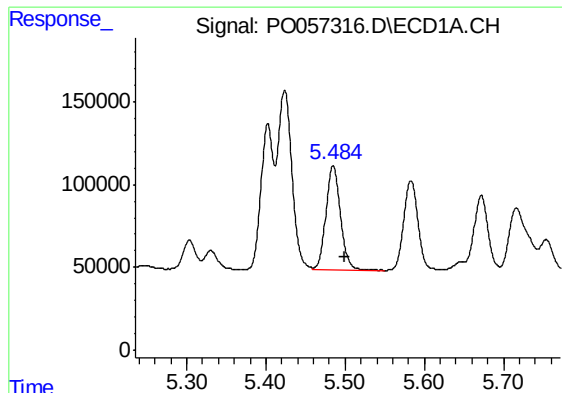
#4 AR-1016-2

R.T.: 5.424 min
Delta R.T.: -0.016 min
Response: 1358791
Conc: 541.12 ng/ml



#4 AR-1016-2

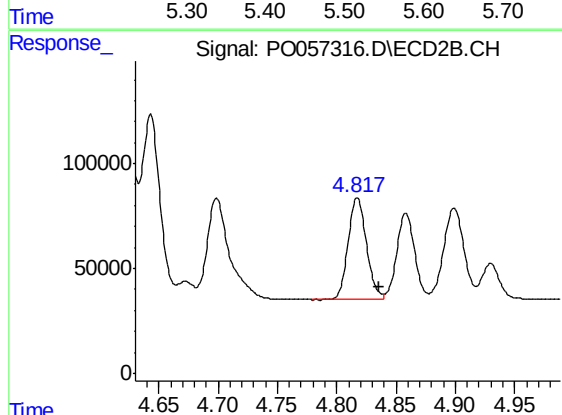
R.T.: 4.673 min
Delta R.T.: 0.011 min
Response: 81125
Conc: 45.03 ng/ml



#5 AR-1016-3

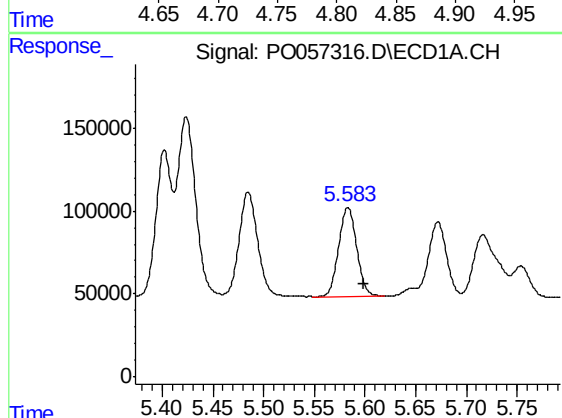
R.T.: 5.485 min
Delta R.T.: -0.015 min
Response: 810861
Conc: 504.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



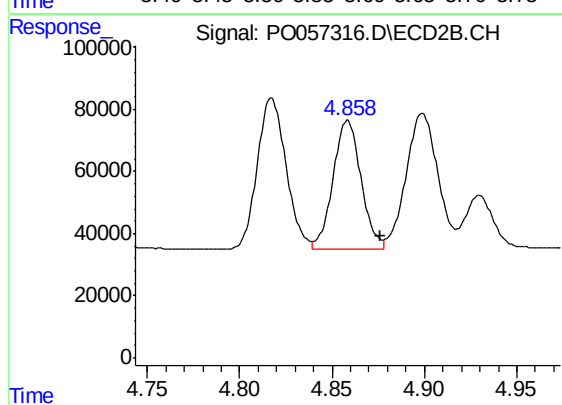
#5 AR-1016-3

R.T.: 4.817 min
Delta R.T.: -0.019 min
Response: 524220
Conc: 531.69 ng/ml



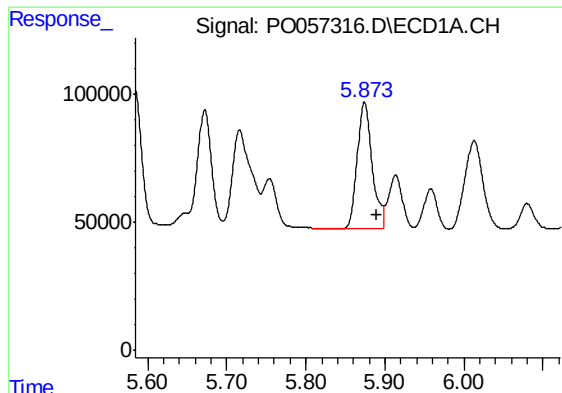
#6 AR-1016-4

R.T.: 5.583 min
Delta R.T.: -0.015 min
Response: 659301
Conc: 502.59 ng/ml



#6 AR-1016-4

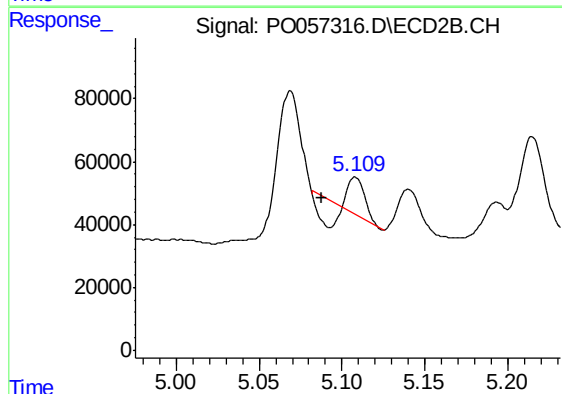
R.T.: 4.858 min
Delta R.T.: -0.018 min
Response: 435367
Conc: 525.91 ng/ml



#7 AR-1016-5

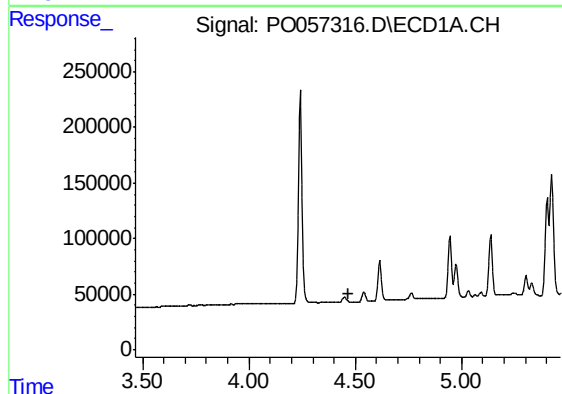
R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 642334
Conc: 464.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



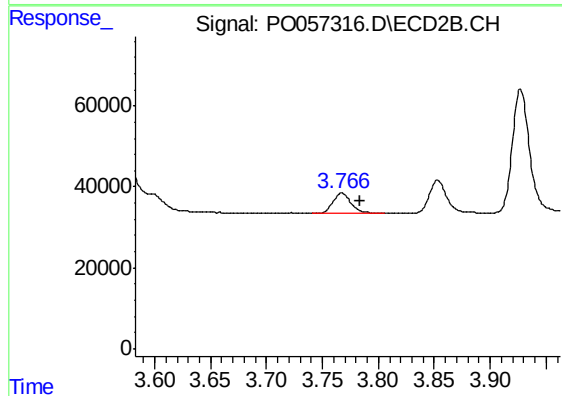
#7 AR-1016-5

R.T.: 5.108 min
Delta R.T.: 0.020 min
Response: 43184
Conc: 40.26 ng/ml



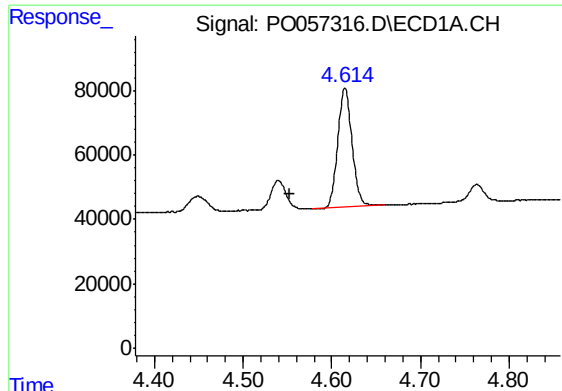
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.



#8 AR-1221-1

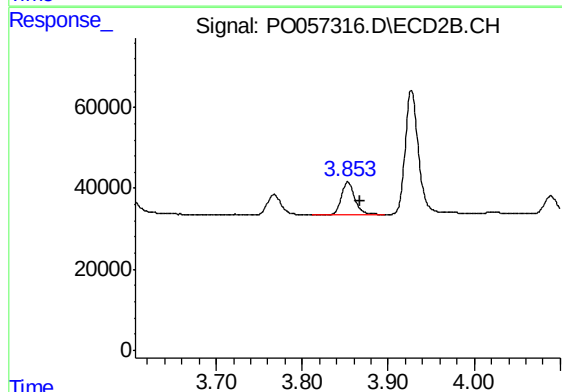
R.T.: 3.767 min
Delta R.T.: -0.016 min
Response: 57020
Conc: 112.43 ng/ml



#9 AR-1221-2

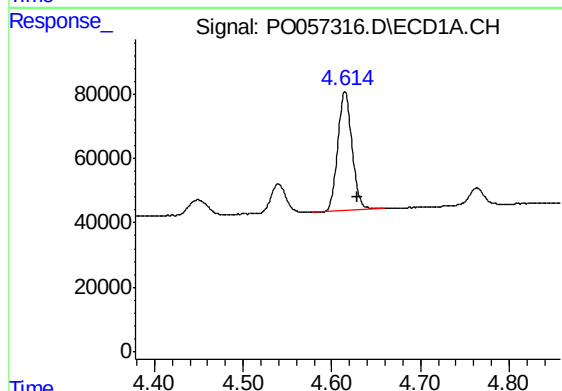
R.T.: 4.615 min
Delta R.T.: 0.062 min
Response: 415132
Conc: 870.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



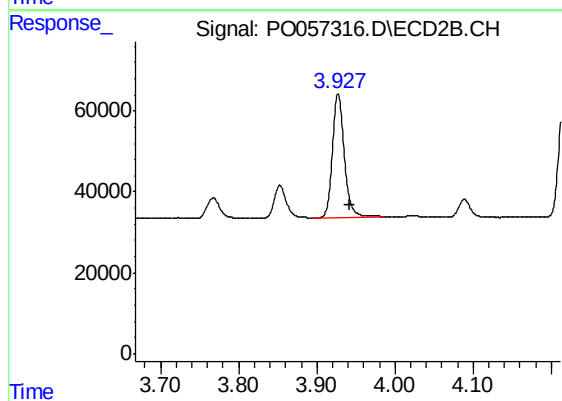
#9 AR-1221-2

R.T.: 3.853 min
Delta R.T.: -0.015 min
Response: 86974
Conc: 230.78 ng/ml



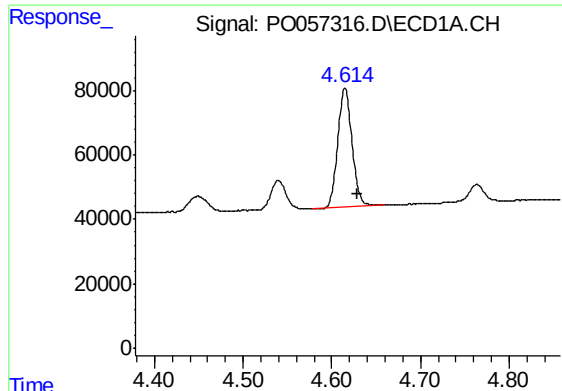
#10 AR-1221-3

R.T.: 4.615 min
Delta R.T.: -0.013 min
Response: 415132
Conc: 280.86 ng/ml



#10 AR-1221-3

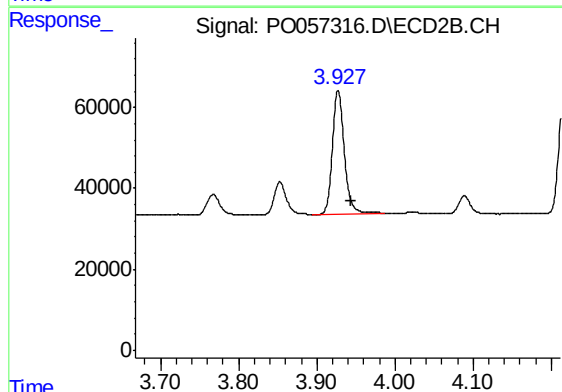
R.T.: 3.927 min
Delta R.T.: -0.016 min
Response: 329762
Conc: 275.48 ng/ml



#11 AR-1232-1

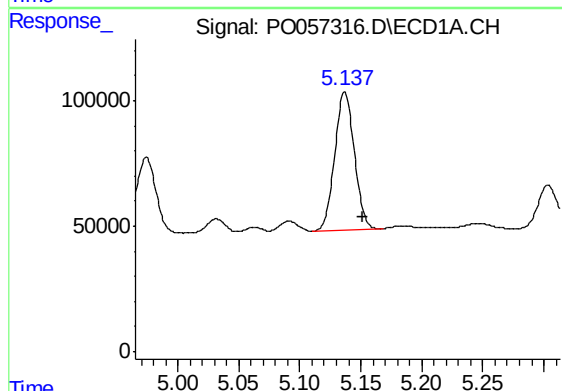
R.T.: 4.615 min
Delta R.T.: -0.014 min
Response: 415132
Conc: 352.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



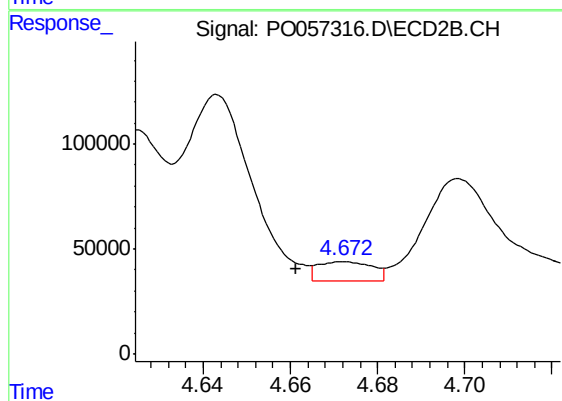
#11 AR-1232-1

R.T.: 3.927 min
Delta R.T.: -0.016 min
Response: 329762
Conc: 367.07 ng/ml



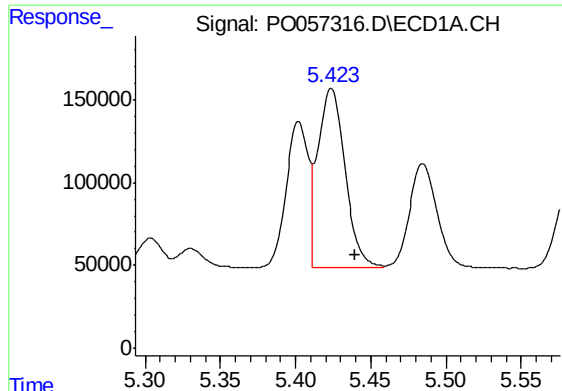
#12 AR-1232-2

R.T.: 5.137 min
Delta R.T.: -0.015 min
Response: 617274
Conc: 930.98 ng/ml



#12 AR-1232-2

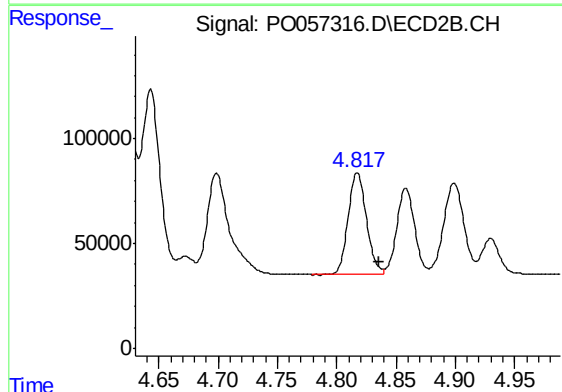
R.T.: 4.673 min
Delta R.T.: 0.011 min
Response: 81125
Conc: 83.47 ng/ml



#13 AR-1232-3

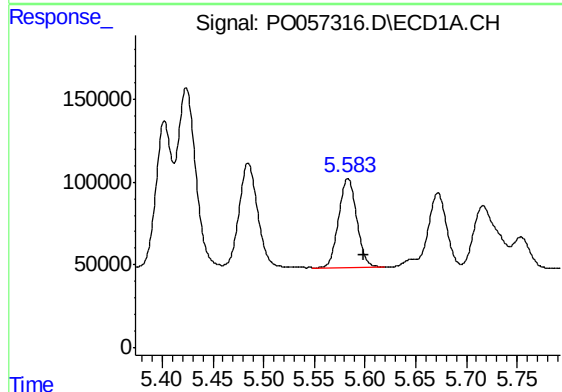
R.T.: 5.424 min
Delta R.T.: -0.015 min
Response: 1358791
Conc: 957.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



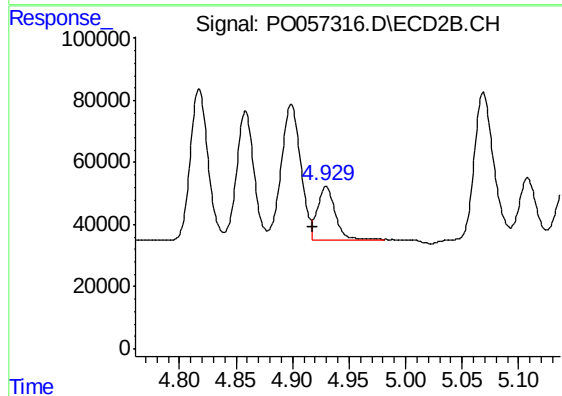
#13 AR-1232-3

R.T.: 4.817 min
Delta R.T.: -0.018 min
Response: 524220
Conc: 1001.77 ng/ml



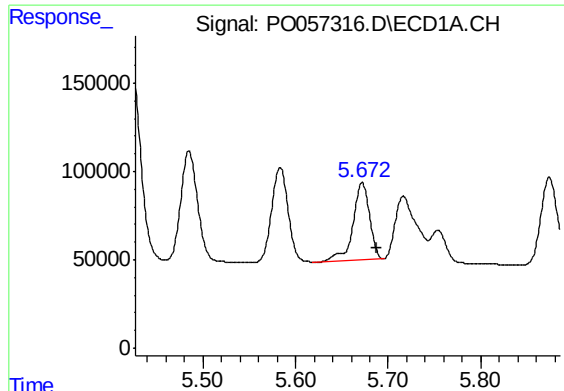
#14 AR-1232-4

R.T.: 5.583 min
Delta R.T.: -0.016 min
Response: 659301
Conc: 936.60 ng/ml



#14 AR-1232-4

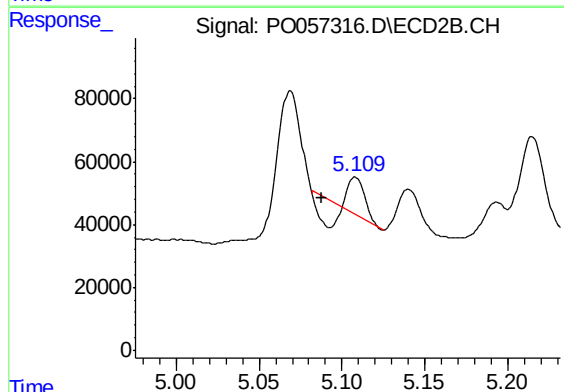
R.T.: 4.930 min
Delta R.T.: 0.012 min
Response: 185543
Conc: 376.59 ng/ml



#15 AR-1232-5

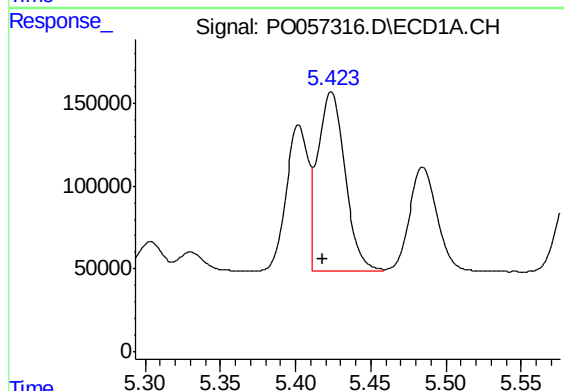
R.T.: 5.672 min
Delta R.T.: -0.016 min
Response: 549687
Conc: 972.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



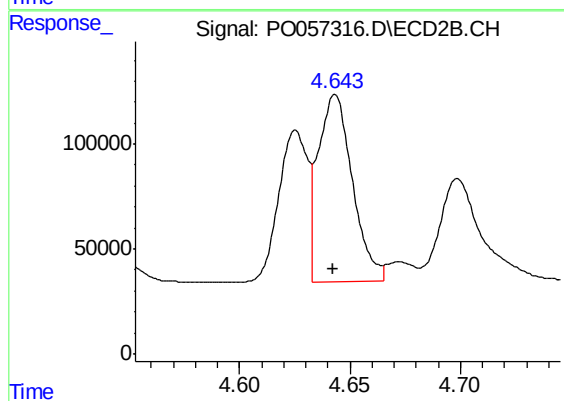
#15 AR-1232-5

R.T.: 5.108 min
Delta R.T.: 0.020 min
Response: 43184
Conc: 76.67 ng/ml



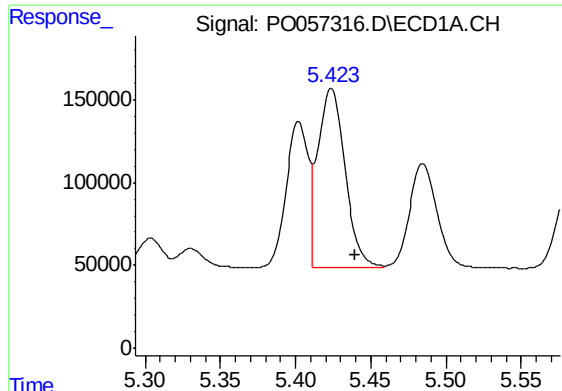
#16 AR-1242-1

R.T.: 5.424 min
Delta R.T.: 0.005 min
Response: 1358791
Conc: 787.62 ng/ml



#16 AR-1242-1

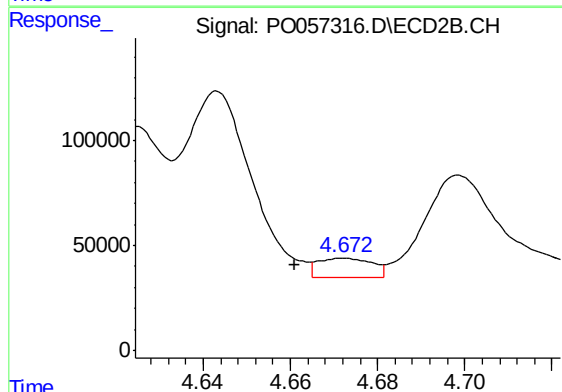
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 962958
Conc: 777.47 ng/ml



#17 AR-1242-2

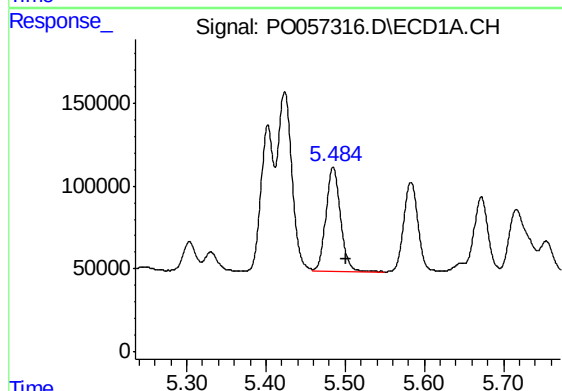
R.T.: 5.424 min
Delta R.T.: -0.016 min
Response: 1358791
Conc: 535.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



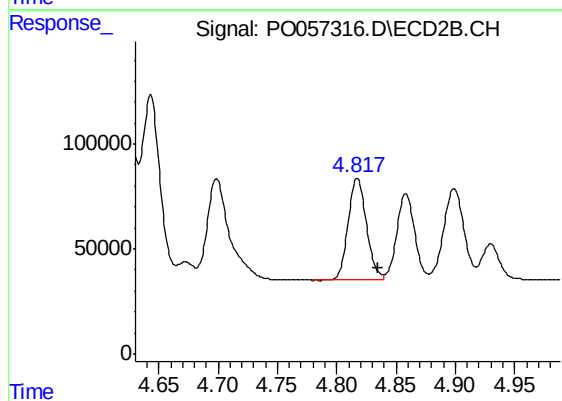
#17 AR-1242-2

R.T.: 4.673 min
Delta R.T.: 0.012 min
Response: 81125
Conc: 45.11 ng/ml



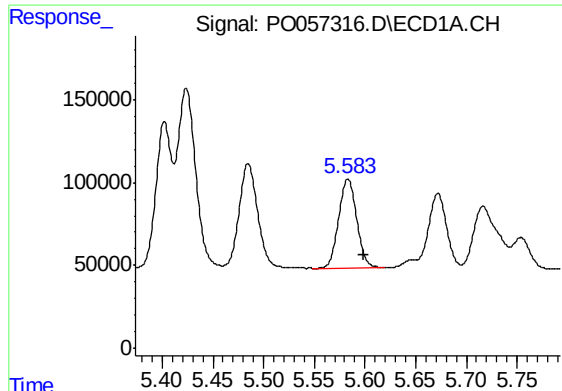
#18 AR-1242-3

R.T.: 5.485 min
Delta R.T.: -0.016 min
Response: 810861
Conc: 498.68 ng/ml



#18 AR-1242-3

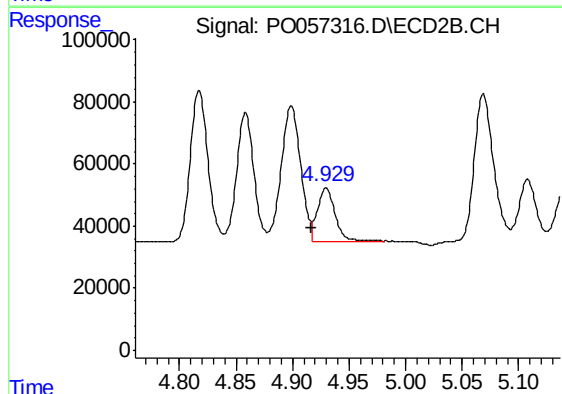
R.T.: 4.817 min
Delta R.T.: -0.018 min
Response: 524220
Conc: 533.23 ng/ml



#19 AR-1242-4

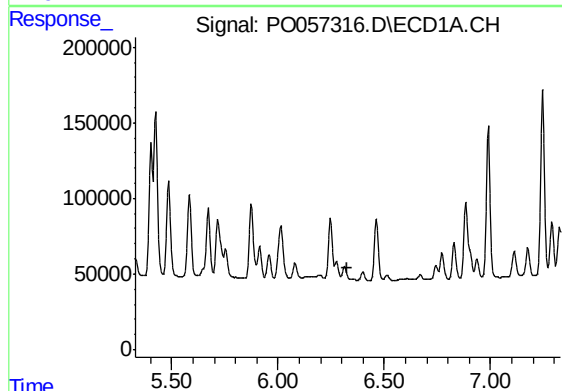
R.T.: 5.583 min
Delta R.T.: -0.015 min
Response: 659301
Conc: 493.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



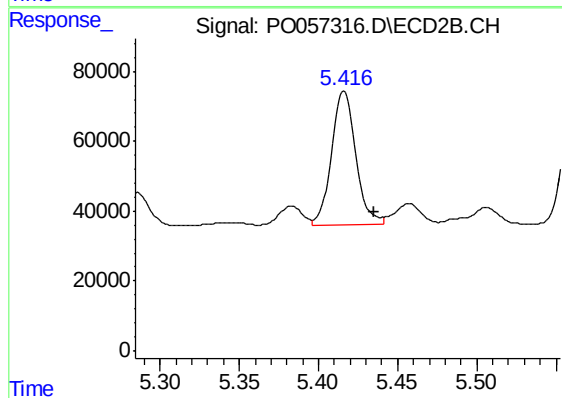
#19 AR-1242-4

R.T.: 4.930 min
Delta R.T.: 0.013 min
Response: 185543
Conc: 190.67 ng/ml



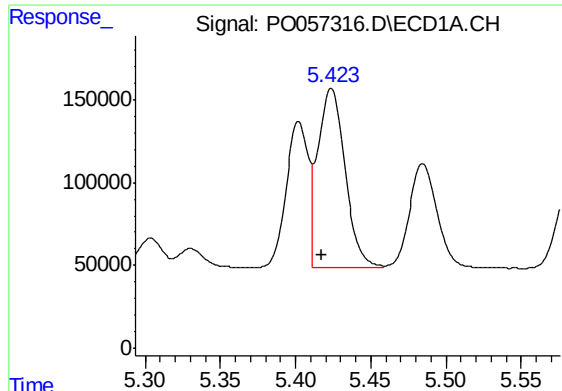
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.329 min
Response: 0
Conc: N.D.



#20 AR-1242-5

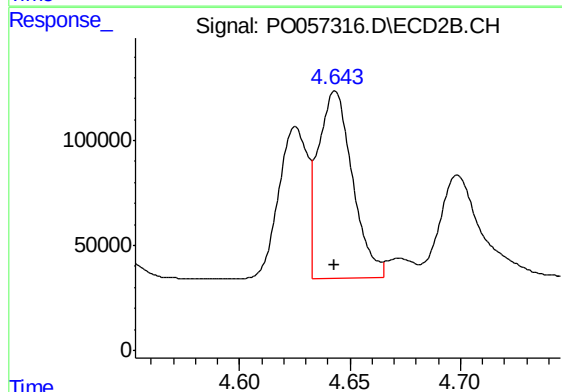
R.T.: 5.416 min
Delta R.T.: -0.019 min
Response: 415213
Conc: 351.20 ng/ml



#21 AR-1248-1

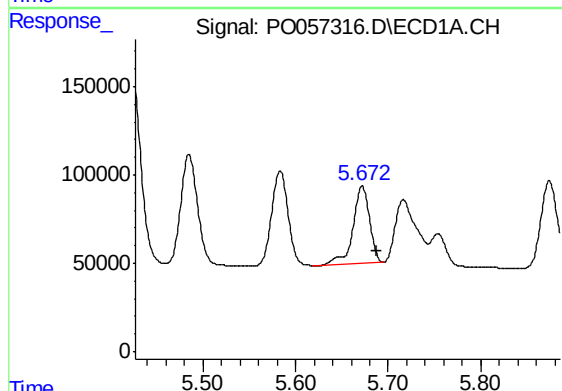
R.T.: 5.424 min
Delta R.T.: 0.006 min
Response: 1358791
Conc: 1054.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



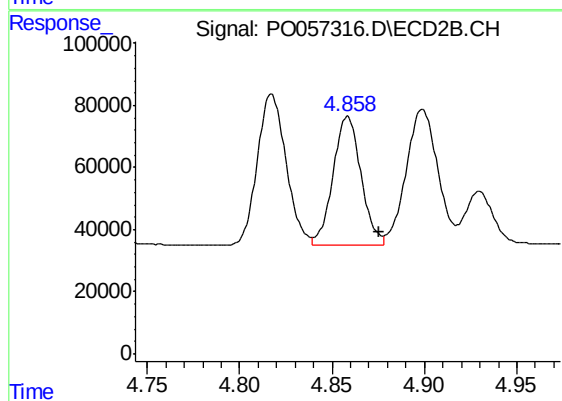
#21 AR-1248-1

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 962958
Conc: 1028.23 ng/ml



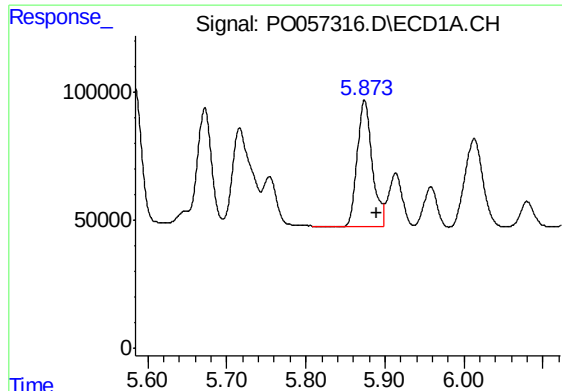
#22 AR-1248-2

R.T.: 5.672 min
Delta R.T.: -0.016 min
Response: 549687
Conc: 295.07 ng/ml



#22 AR-1248-2

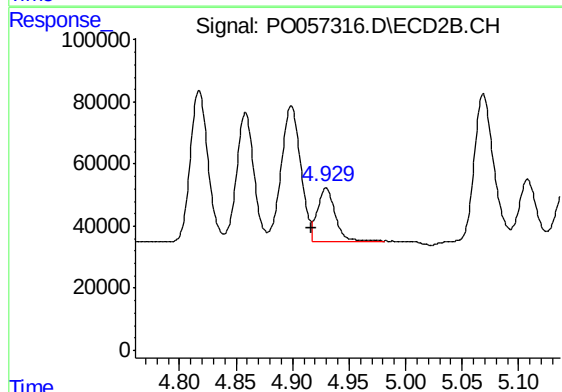
R.T.: 4.858 min
Delta R.T.: -0.017 min
Response: 435367
Conc: 342.69 ng/ml



#23 AR-1248-3

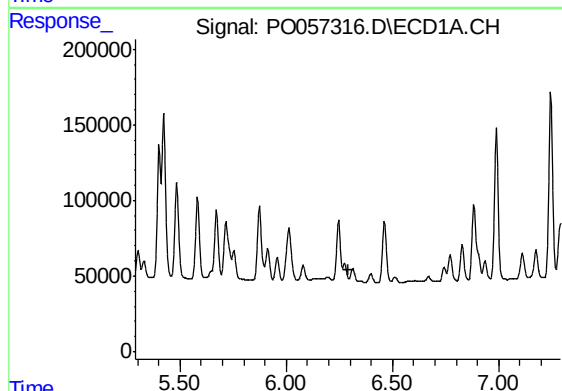
R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 642334
Conc: 313.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



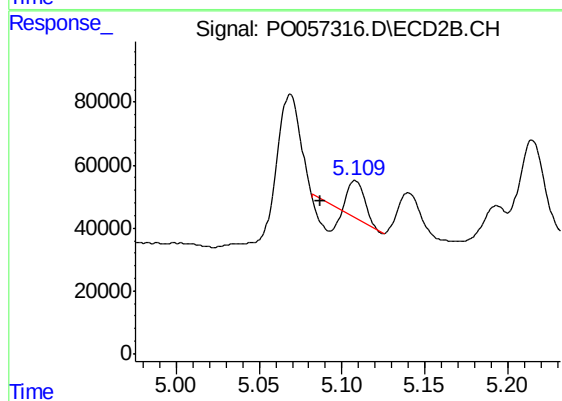
#23 AR-1248-3

R.T.: 4.930 min
Delta R.T.: 0.013 min
Response: 185543
Conc: 142.08 ng/ml



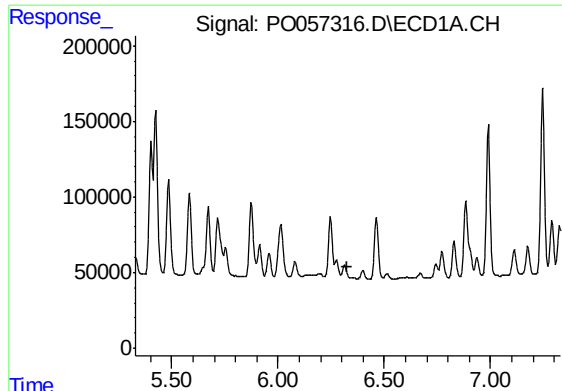
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.291 min
Response: 0
Conc: N.D.



#24 AR-1248-4

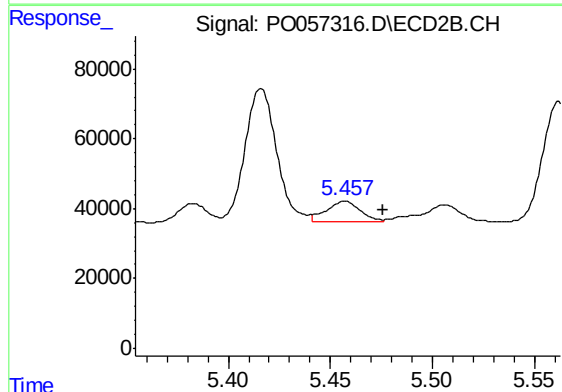
R.T.: 5.108 min
Delta R.T.: 0.021 min
Response: 43184
Conc: 27.27 ng/ml



#25 AR-1248-5

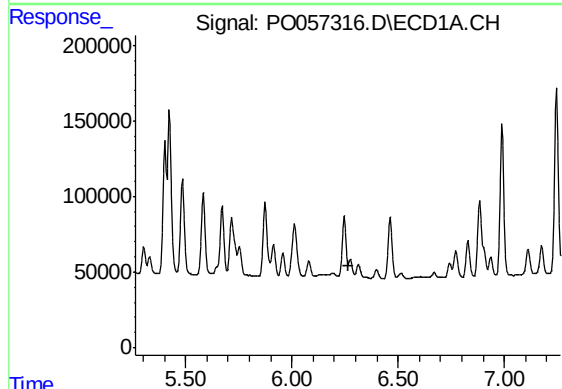
R.T.: 0.000 min
Exp R.T.: 6.329 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



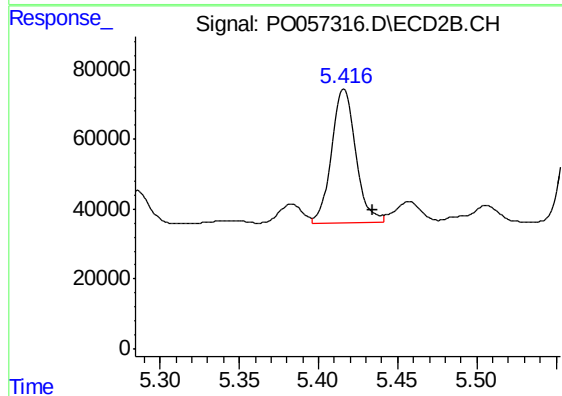
#25 AR-1248-5

R.T.: 5.457 min
Delta R.T.: -0.018 min
Response: 69433
Conc: 41.95 ng/ml



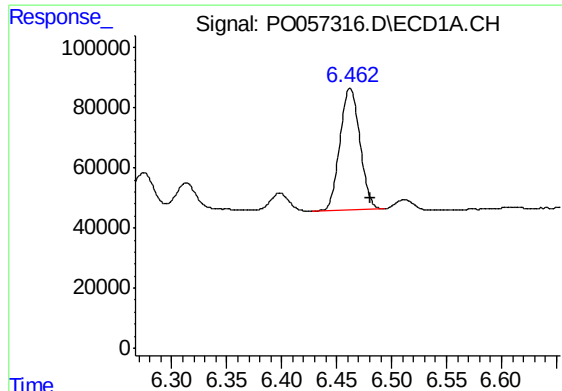
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.264 min
Response: 0
Conc: N.D.



#26 AR-1254-1

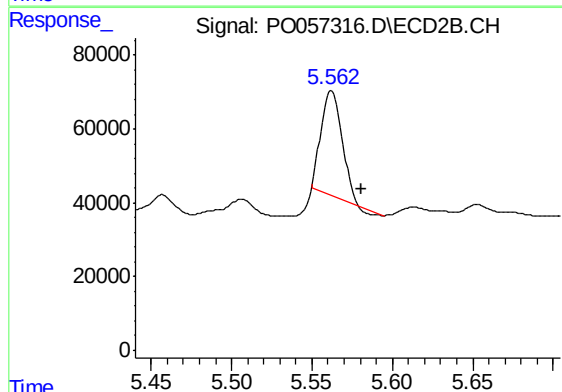
R.T.: 5.416 min
Delta R.T.: -0.019 min
Response: 415213
Conc: 157.00 ng/ml



#27 AR-1254-2

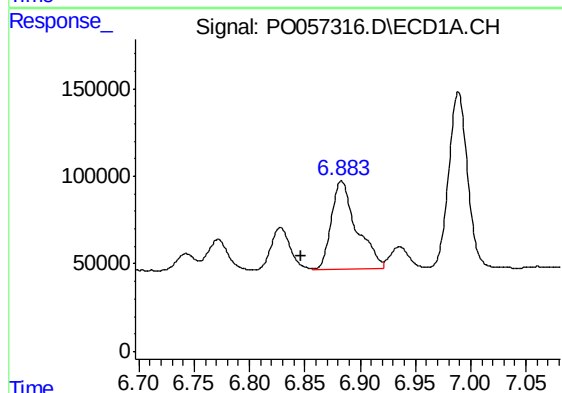
R.T.: 6.462 min
Delta R.T.: -0.019 min
Response: 514264
Conc: 132.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



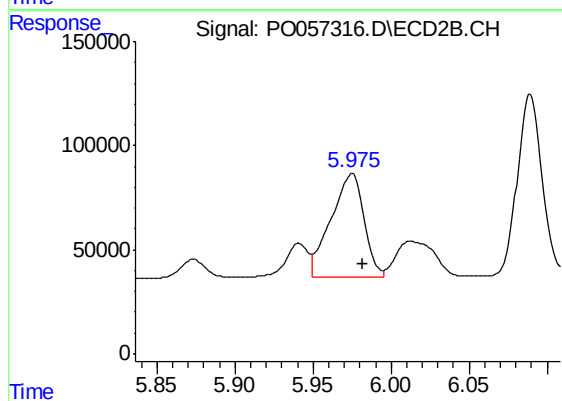
#27 AR-1254-2

R.T.: 5.562 min
Delta R.T.: -0.018 min
Response: 250898
Conc: 116.38 ng/ml



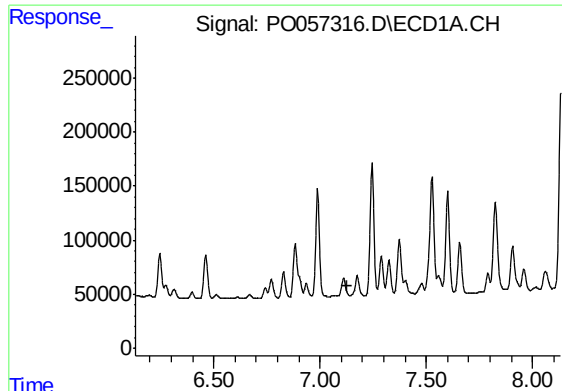
#28 AR-1254-3

R.T.: 6.883 min
Delta R.T.: 0.037 min
Response: 801237
Conc: 194.32 ng/ml



#28 AR-1254-3

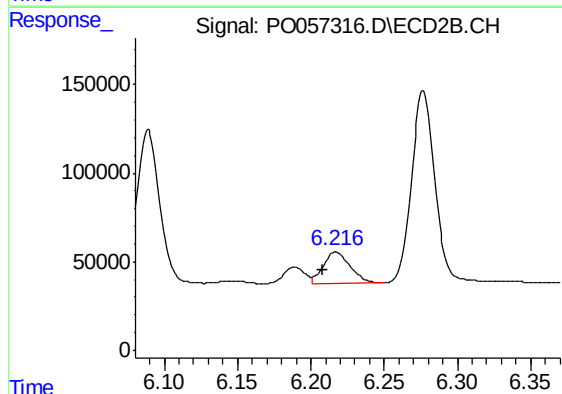
R.T.: 5.975 min
Delta R.T.: -0.007 min
Response: 719390
Conc: 196.50 ng/ml



#29 AR-1254-4

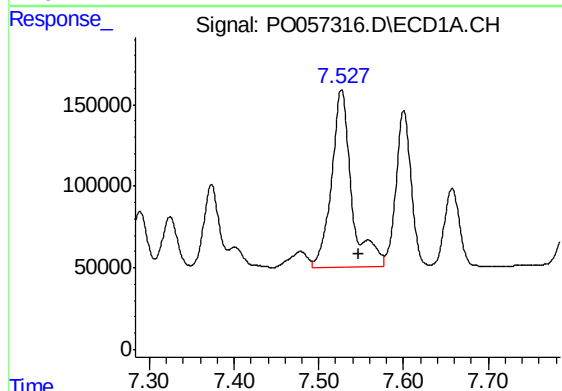
R.T.: 0.000 min
Exp R.T.: 7.131 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



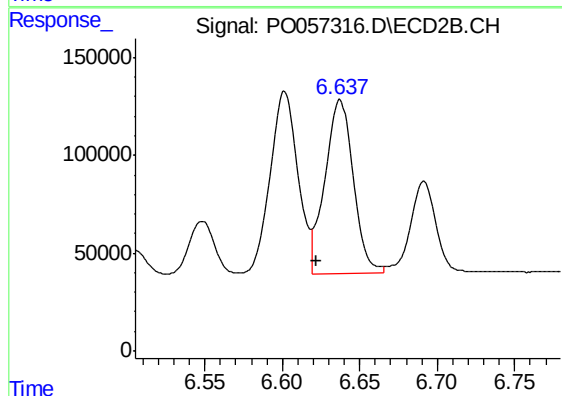
#29 AR-1254-4

R.T.: 6.217 min
Delta R.T.: 0.009 min
Response: 224711
Conc: 102.28 ng/ml



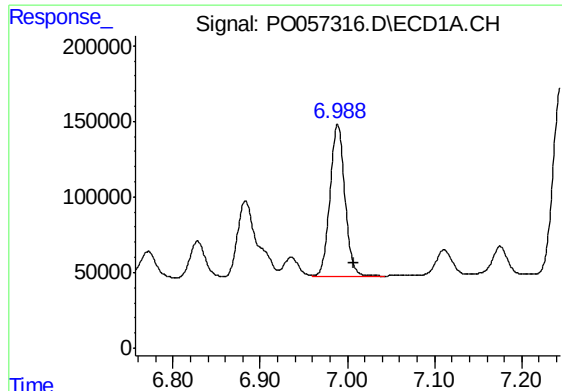
#30 AR-1254-5

R.T.: 7.527 min
Delta R.T.: -0.020 min
Response: 1803040
Conc: 478.81 ng/ml



#30 AR-1254-5

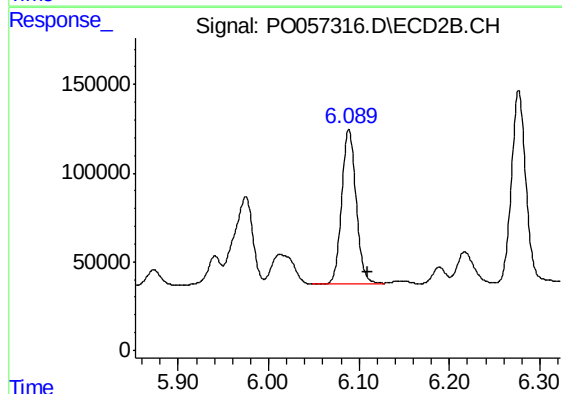
R.T.: 6.638 min
Delta R.T.: 0.016 min
Response: 1107291
Conc: 349.28 ng/ml



#31 AR-1260-1

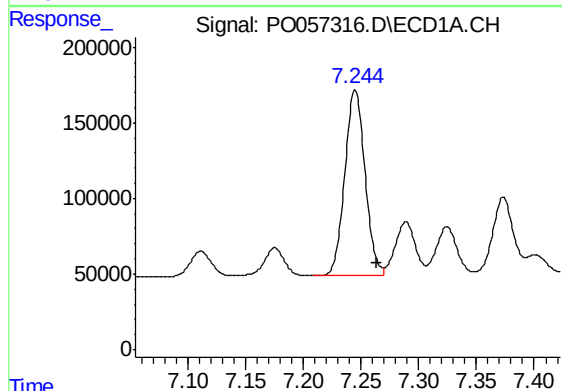
R.T.: 6.989 min
Delta R.T.: -0.019 min
Response: 1194370
Conc: 465.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



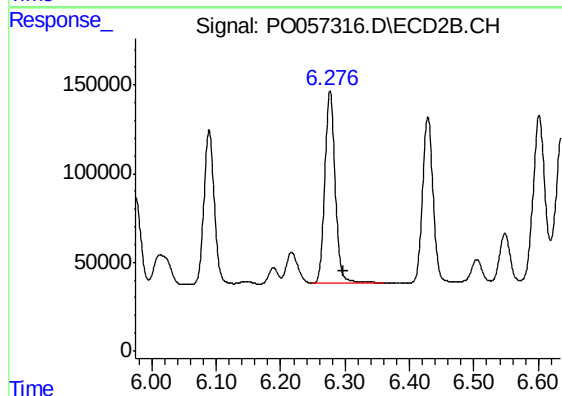
#31 AR-1260-1

R.T.: 6.089 min
Delta R.T.: -0.021 min
Response: 967084
Conc: 483.45 ng/ml



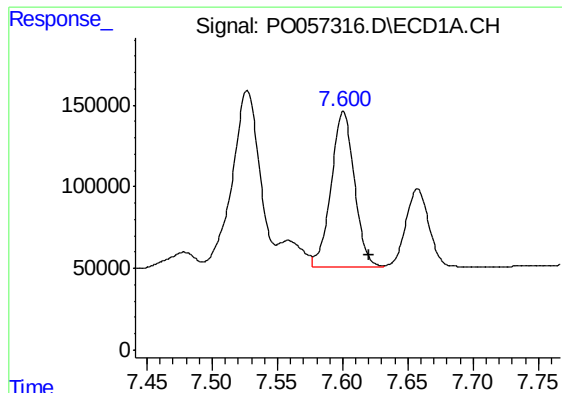
#32 AR-1260-2

R.T.: 7.245 min
Delta R.T.: -0.019 min
Response: 1500684
Conc: 496.23 ng/ml



#32 AR-1260-2

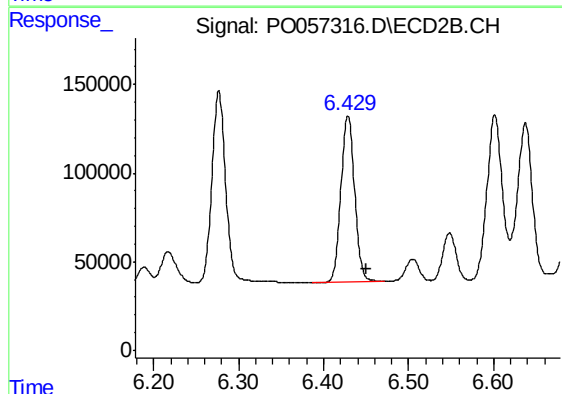
R.T.: 6.277 min
Delta R.T.: -0.021 min
Response: 1214472
Conc: 492.69 ng/ml



#33 AR-1260-3

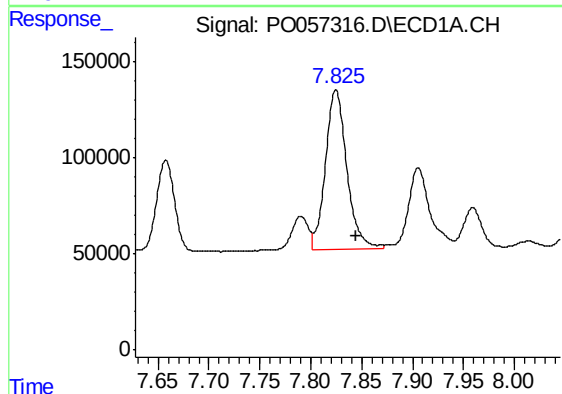
R.T.: 7.601 min
Delta R.T.: -0.019 min
Response: 1190629
Conc: 494.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



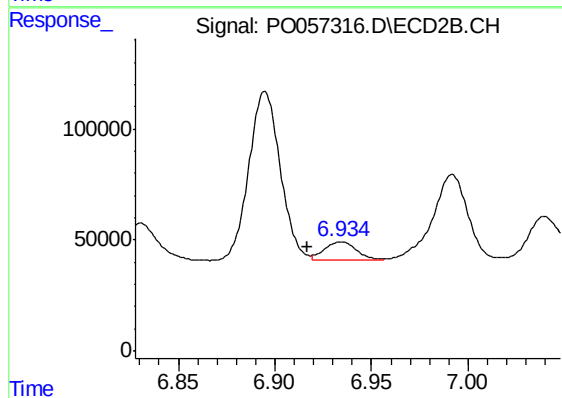
#33 AR-1260-3

R.T.: 6.429 min
Delta R.T.: -0.021 min
Response: 1055390
Conc: 470.48 ng/ml



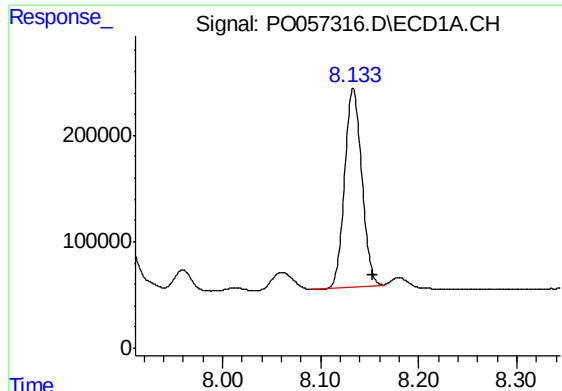
#34 AR-1260-4

R.T.: 7.825 min
Delta R.T.: -0.020 min
Response: 1205662
Conc: 460.31 ng/ml



#34 AR-1260-4

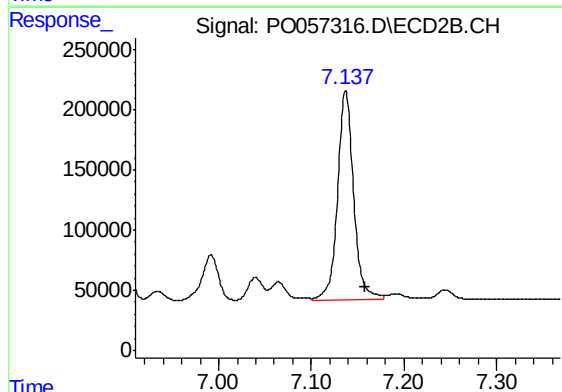
R.T.: 6.934 min
Delta R.T.: 0.017 min
Response: 92622
Conc: 49.77 ng/ml



#35 AR-1260-5

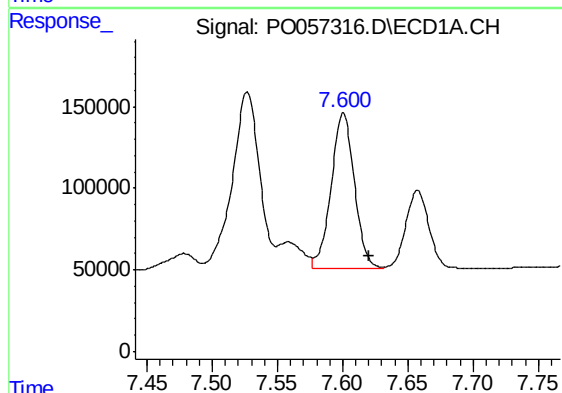
R.T.: 8.133 min
Delta R.T.: -0.020 min
Response: 2259055
Conc: 472.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



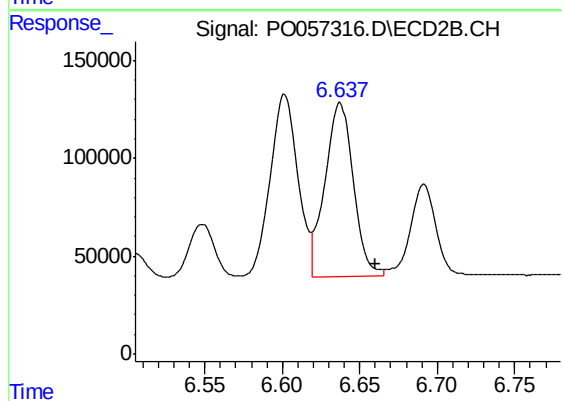
#35 AR-1260-5

R.T.: 7.137 min
Delta R.T.: -0.021 min
Response: 2111514
Conc: 489.65 ng/ml



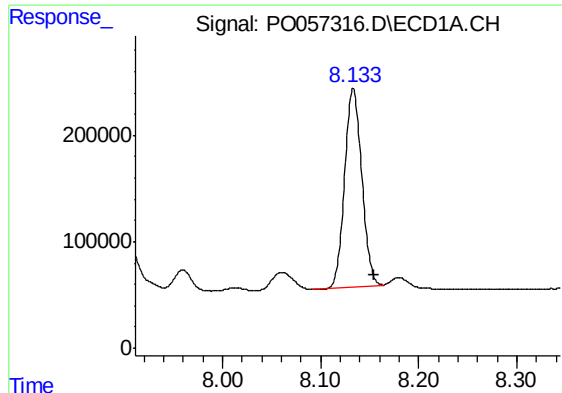
#36 AR-1262-1

R.T.: 7.601 min
Delta R.T.: -0.020 min
Response: 1190629
Conc: 254.57 ng/ml



#36 AR-1262-1

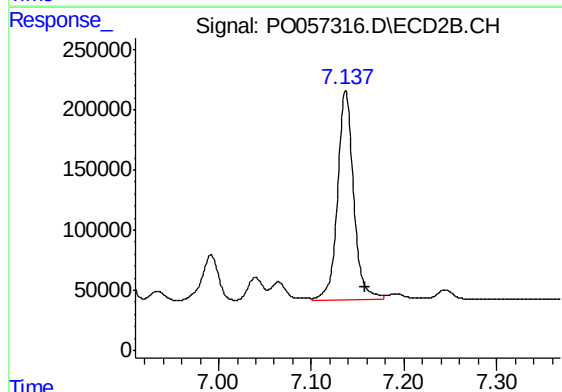
R.T.: 6.638 min
Delta R.T.: -0.022 min
Response: 1107291
Conc: 265.28 ng/ml



#37 AR-1262-2

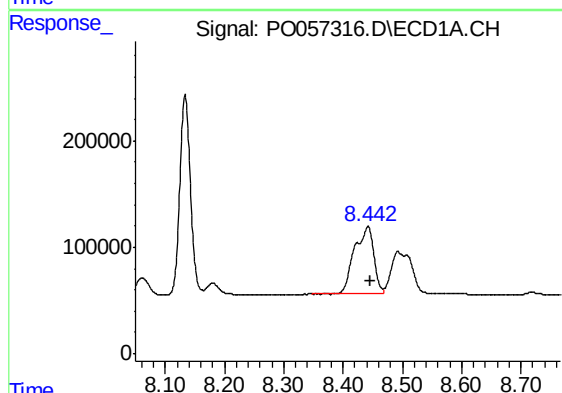
R.T.: 8.133 min
Delta R.T.: -0.021 min
Response: 2259055
Conc: 296.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



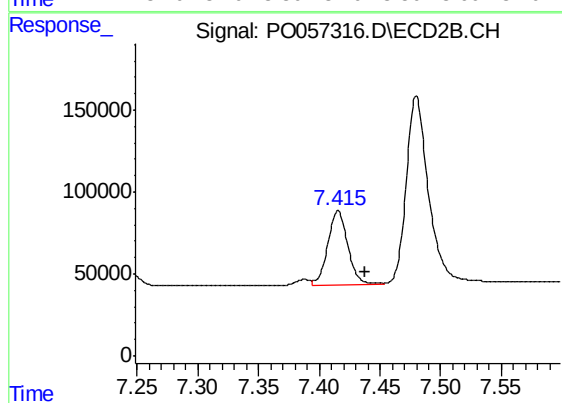
#37 AR-1262-2

R.T.: 7.137 min
Delta R.T.: -0.021 min
Response: 2111514
Conc: 307.32 ng/ml



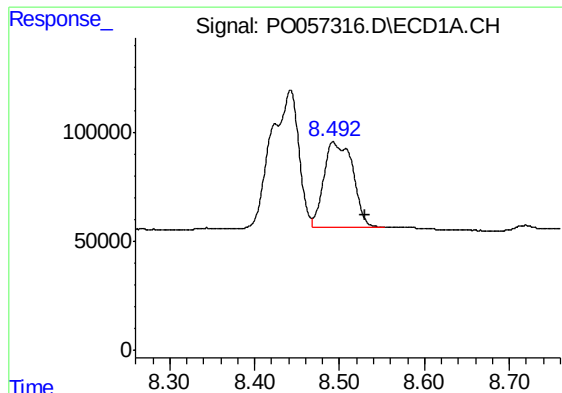
#38 AR-1262-3

R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 1429461
Conc: 273.13 ng/ml



#38 AR-1262-3

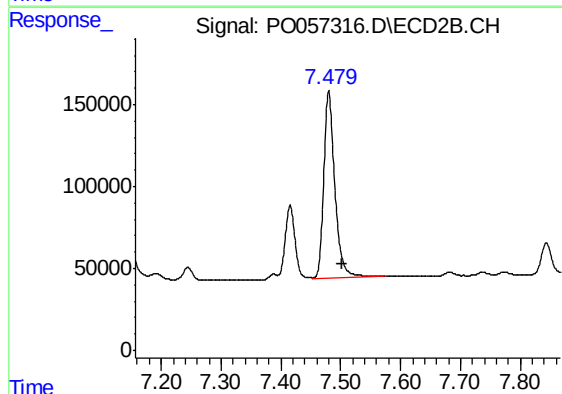
R.T.: 7.416 min
Delta R.T.: -0.023 min
Response: 511784
Conc: 173.28 ng/ml



#39 AR-1262-4

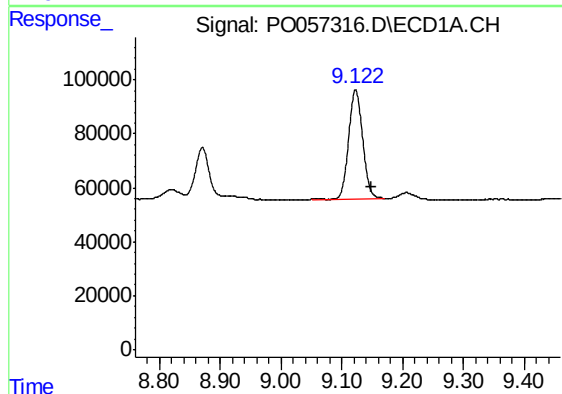
R.T.: 8.493 min
Delta R.T.: -0.037 min
Response: 935385
Conc: 219.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



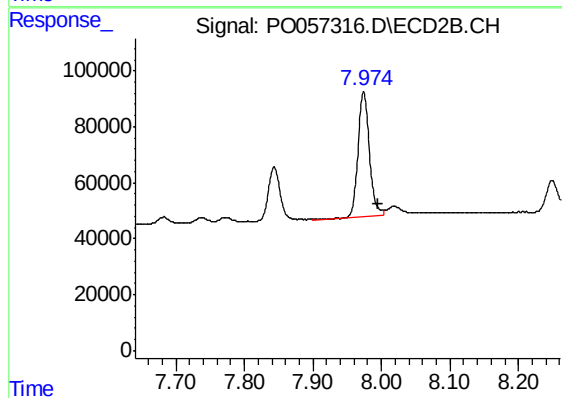
#39 AR-1262-4

R.T.: 7.480 min
Delta R.T.: -0.023 min
Response: 1462046
Conc: 280.59 ng/ml



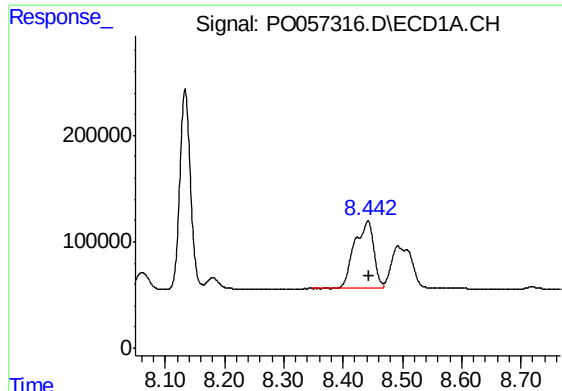
#40 AR-1262-5

R.T.: 9.123 min
Delta R.T.: -0.025 min
Response: 641118
Conc: 233.33 ng/ml



#40 AR-1262-5

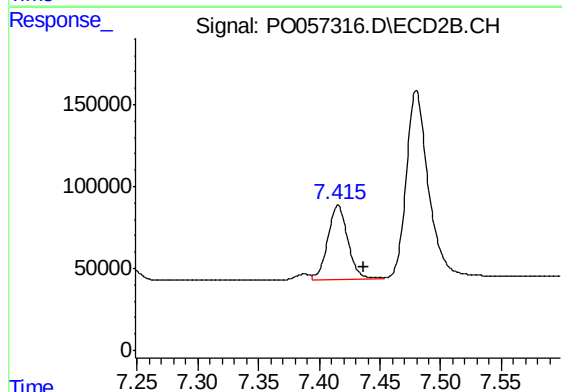
R.T.: 7.974 min
Delta R.T.: -0.021 min
Response: 512994
Conc: 220.91 ng/ml



#41 AR-1268-1

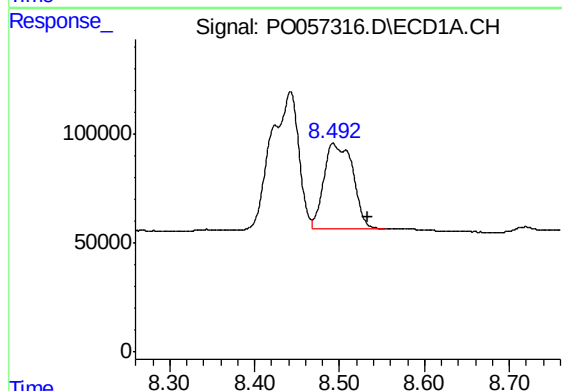
R.T.: 8.442 min
Delta R.T.: -0.002 min
Response: 1429461
Conc: 175.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



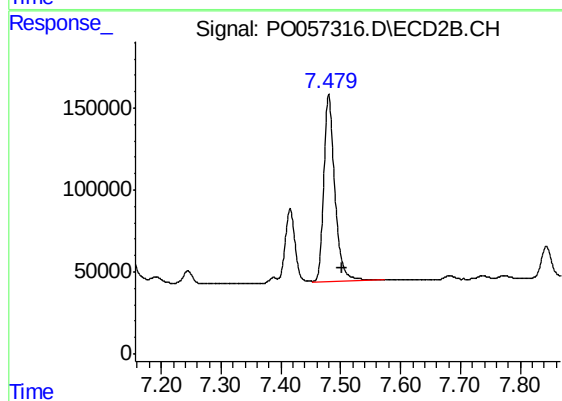
#41 AR-1268-1

R.T.: 7.416 min
Delta R.T.: -0.022 min
Response: 511784
Conc: 68.56 ng/ml



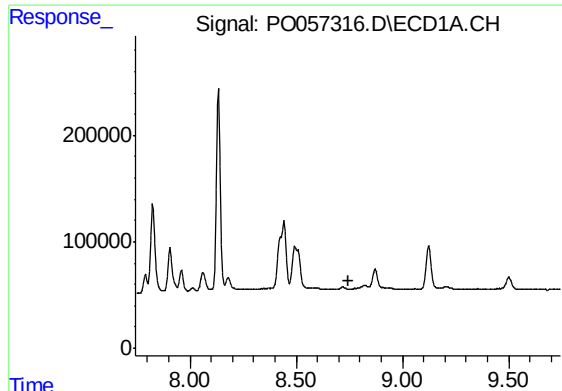
#42 AR-1268-2

R.T.: 8.493 min
Delta R.T.: -0.040 min
Response: 935385
Conc: 115.62 ng/ml



#42 AR-1268-2

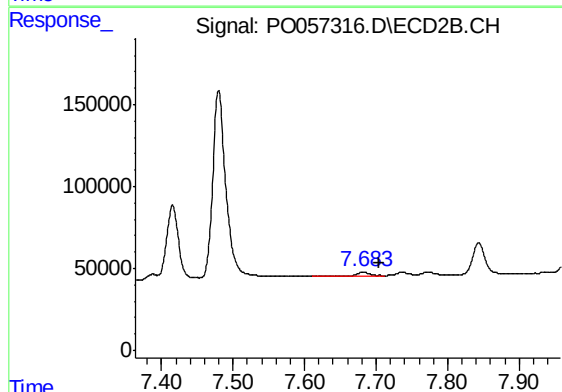
R.T.: 7.480 min
Delta R.T.: -0.023 min
Response: 1462046
Conc: 209.37 ng/ml



#43 AR-1268-3

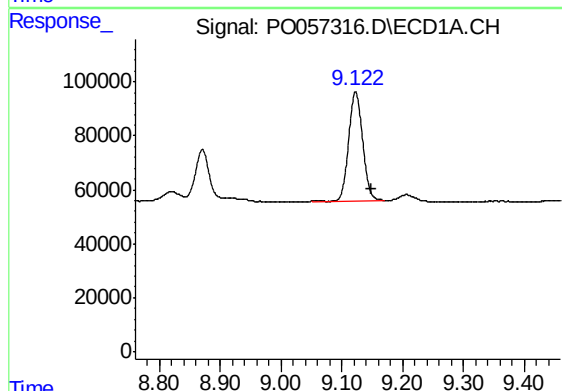
R.T.: 0.000 min
Exp R.T.: 8.743 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



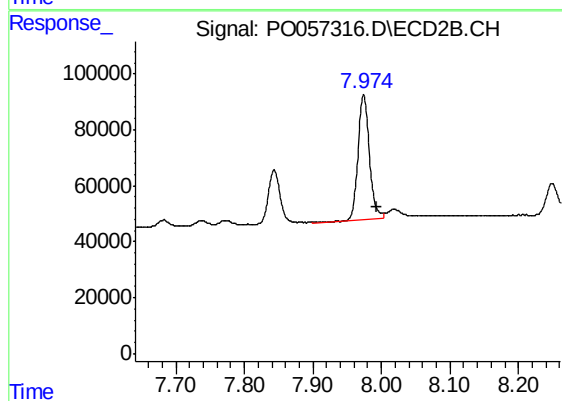
#43 AR-1268-3

R.T.: 7.682 min
Delta R.T.: -0.022 min
Response: 27227
Conc: 4.59 ng/ml



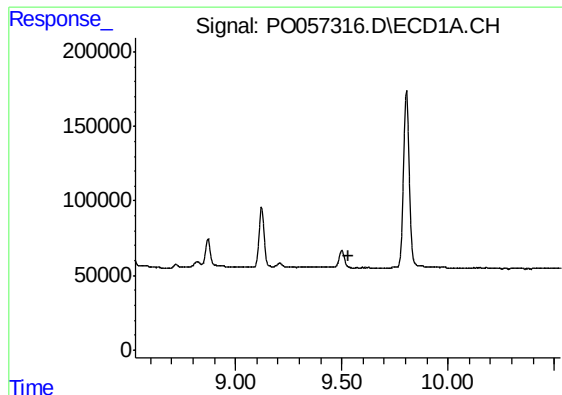
#44 AR-1268-4

R.T.: 9.123 min
Delta R.T.: -0.026 min
Response: 641118
Conc: 235.09 ng/ml



#44 AR-1268-4

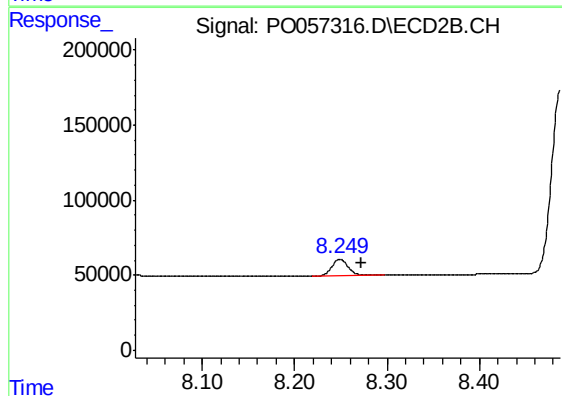
R.T.: 7.974 min
Delta R.T.: -0.020 min
Response: 512994
Conc: 219.77 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.249 min
Delta R.T.: -0.023 min
Response: 139250
Conc: 8.05 ng/ml