

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060619\
 Data File : P0056931.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Jun 2019 16:53
 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: Jun 07 02:29:36 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...	4.253	3.565	2231954	1693821	58.301	51.361
2)	SA Decachlor...	9.826	8.500	2002239	1497479	40.792	41.997
Target Compounds							
3)	L1 AR-1016-1	5.414	4.634	885519	596672	492.332	474.119
4)	L1 AR-1016-2	5.436	4.652	1315523	854470	523.889	474.278
5)	L1 AR-1016-3	5.497	4.827	800303	465580	497.919	472.217
6)	L1 AR-1016-4	5.596	4.868	653924	390308	498.494	471.477
7)	L1 AR-1016-5	5.886	5.079	661801	369912	479.007	344.835 #
8)	L2 AR-1221-1	0.000	3.773	0	58116	N.D.	114.593 #
9)	L2 AR-1221-2	0.000	3.861	0	78946	N.D.	209.481 #
10)	L2 AR-1221-3	4.626	3.935	426986	297498	288.881	248.525
11)	L3 AR-1232-1	4.626	3.935	426986	297498	362.349	331.155
12)	L3 AR-1232-2	5.148	4.652	621572	854470	937.458	879.193
13)	L3 AR-1232-3	5.436	4.827	1315523	465580	927.306	889.713
14)	L3 AR-1232-4	5.596	4.908	653924	466161	928.965	946.158
15)	L3 AR-1232-5	5.684	5.079	557602	369912	986.228	656.740 #
16)	L4 AR-1242-1	5.414	4.634	885519	596672	513.287	481.738
17)	L4 AR-1242-2	5.436	4.652	1315523	854470	518.173	475.122
18)	L4 AR-1242-3	5.497	4.827	800303	465580	492.186	473.581
19)	L4 AR-1242-4	5.596	4.908	653924	466161	489.199	479.048
20)	L4 AR-1242-5	6.260	5.426	661155	363024	400.684	307.056
21)	L5 AR-1248-1	5.414	4.634	885519	596672	687.240	637.117
22)	L5 AR-1248-2	5.684	4.868	557602	390308	299.320	307.221
23)	L5 AR-1248-3	5.886	4.908	661801	466161	322.616	356.964
24)	L5 AR-1248-4	6.260	5.079	661155	369912	285.759	233.585
25)	L5 AR-1248-5	6.260	5.450	661155	135495	300.609	81.867 #
26)	L6 AR-1254-1	6.260	5.426	661155	363024	240.181	137.263 #
27)	L6 AR-1254-2	6.475	5.572	488889	327895	125.869	152.099
28)	L6 AR-1254-3	6.896	5.985	849251	656836	205.959	179.411
29)	L6 AR-1254-4	0.000	6.199	0	83019	N.D.	37.789 #
30)	L6 AR-1254-5	7.541	6.612	1580777	1082744	419.790	341.534
31)	L7 AR-1260-1	7.001	6.100	1269197	877139	494.587	438.486
32)	L7 AR-1260-2	7.258	6.287	1275708	1135275	421.839	460.565
33)	L7 AR-1260-3	7.614	6.439	1005331	994455	417.314	443.314
34)	L7 AR-1260-4	7.839	6.905	1055051	836172	402.813	449.308
35)	L7 AR-1260-5	8.147	7.148	1908705	2011919	399.137	466.550
36)	L8 AR-1262-1	7.614	6.648	1005331	1037402	214.955	248.536
37)	L8 AR-1262-2	8.147	7.148	1908705	2011919	250.361	292.829
38)	L8 AR-1262-3	8.455	7.427	1253338	502447	239.481	170.123 #
39)	L8 AR-1262-4	8.507	7.491	872633	1467235	204.407	281.586 #
40)	L8 AR-1262-5	9.140	7.985	578363	619189	210.493	266.645 #
41)	L9 AR-1268-1	8.455	7.427	1253338	502447	154.020	67.306 #
42)	L9 AR-1268-2	8.507	7.491	872633	1467235	107.868	210.113 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060619\
 Data File : P0056931.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Jun 2019 16:53
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

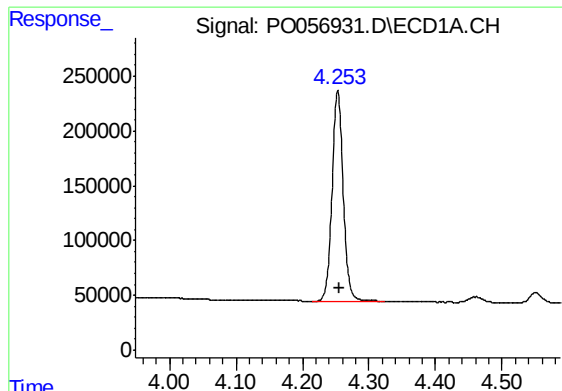
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 02:29:36 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
43) L9	AR-1268-3	0.000	7.694	0	28769	N.D.	4.847 #
44) L9	AR-1268-4	9.140	7.985	578363	619189	212.082	265.263 #
45) L9	AR-1268-5	0.000	8.261	0	132255	N.D.	7.642 #

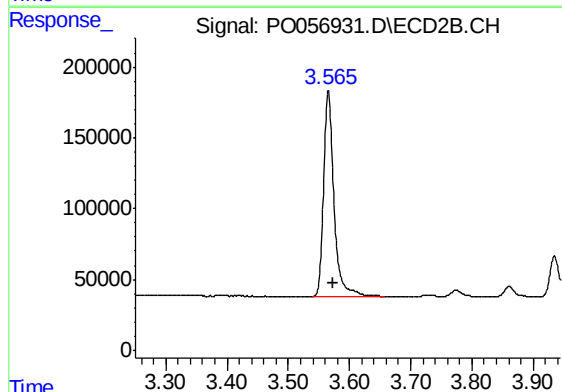
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

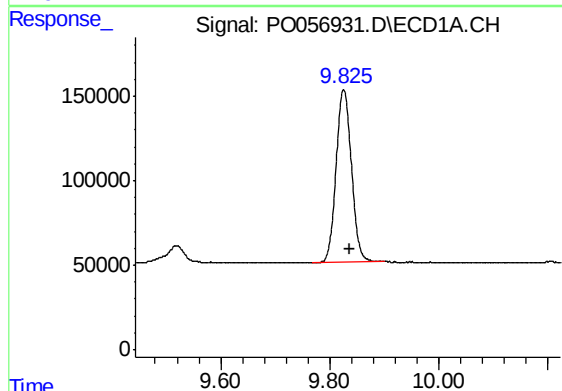
R.T.: 4.253 min
Delta R.T.: -0.003 min
Response: 2231954
Conc: 58.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



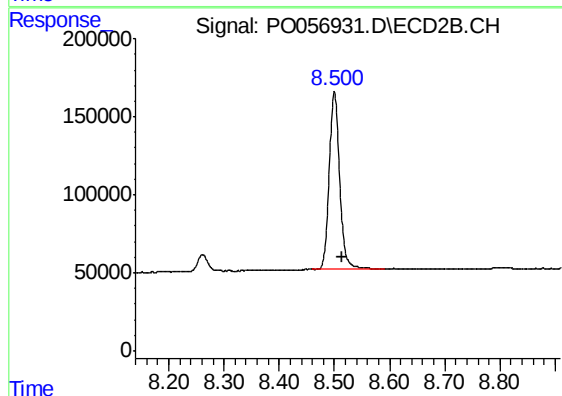
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: -0.008 min
Response: 1693821
Conc: 51.36 ng/ml



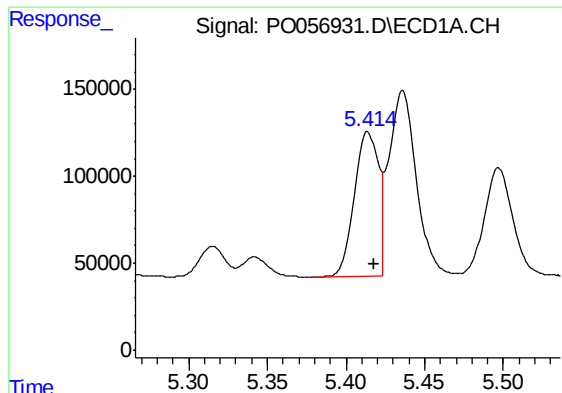
#2 Decachlorobiphenyl

R.T.: 9.826 min
Delta R.T.: -0.011 min
Response: 2002239
Conc: 40.79 ng/ml



#2 Decachlorobiphenyl

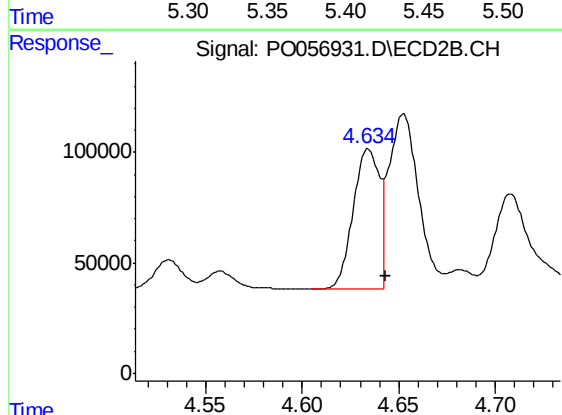
R.T.: 8.500 min
Delta R.T.: -0.013 min
Response: 1497479
Conc: 42.00 ng/ml



#3 AR-1016-1

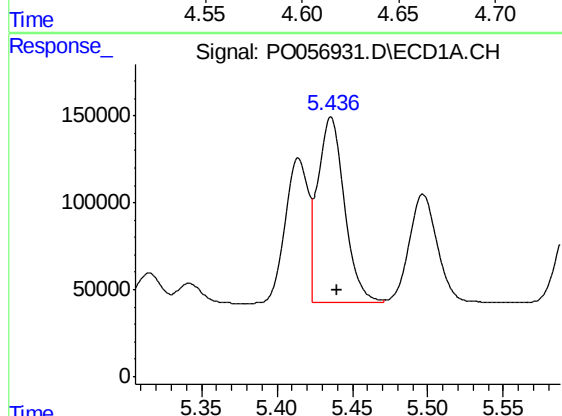
R.T.: 5.414 min
Delta R.T.: -0.004 min
Response: 885519
Conc: 492.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



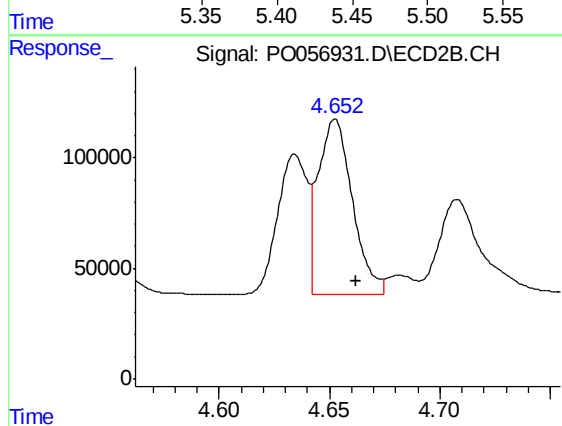
#3 AR-1016-1

R.T.: 4.634 min
Delta R.T.: -0.009 min
Response: 596672
Conc: 474.12 ng/ml



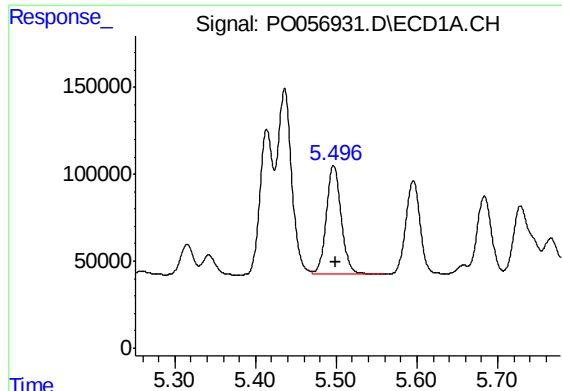
#4 AR-1016-2

R.T.: 5.436 min
Delta R.T.: -0.004 min
Response: 1315523
Conc: 523.89 ng/ml



#4 AR-1016-2

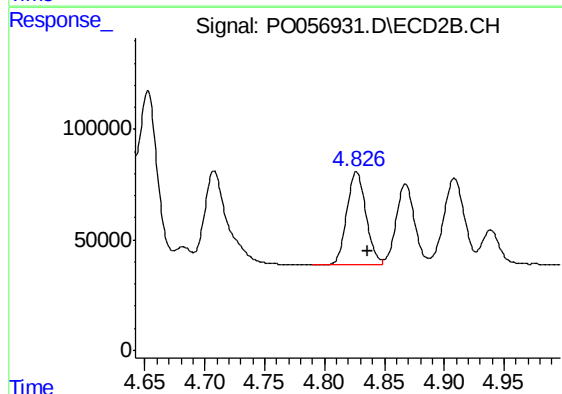
R.T.: 4.652 min
Delta R.T.: -0.009 min
Response: 854470
Conc: 474.28 ng/ml



#5 AR-1016-3

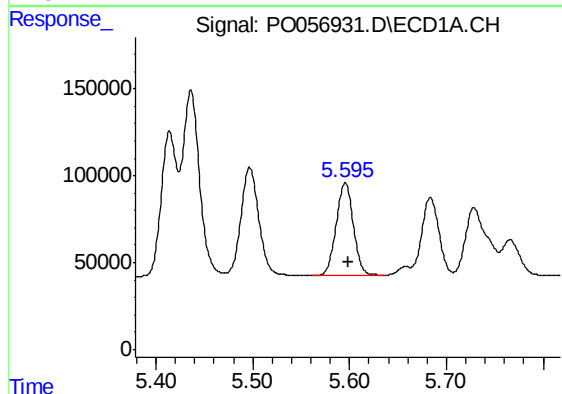
R.T.: 5.497 min
Delta R.T.: -0.003 min
Response: 800303
Conc: 497.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



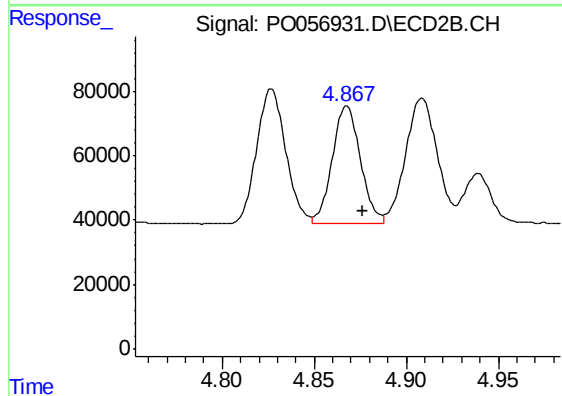
#5 AR-1016-3

R.T.: 4.827 min
Delta R.T.: -0.009 min
Response: 465580
Conc: 472.22 ng/ml



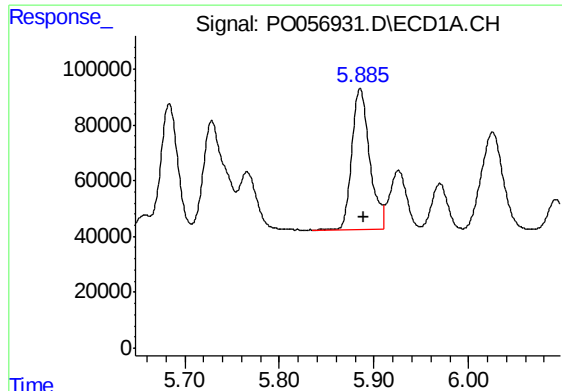
#6 AR-1016-4

R.T.: 5.596 min
Delta R.T.: -0.003 min
Response: 653924
Conc: 498.49 ng/ml



#6 AR-1016-4

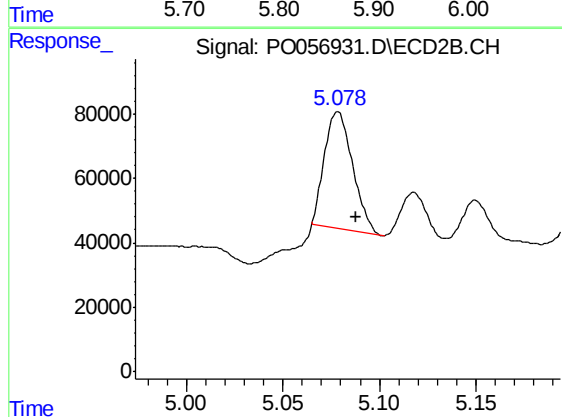
R.T.: 4.868 min
Delta R.T.: -0.009 min
Response: 390308
Conc: 471.48 ng/ml



#7 AR-1016-5

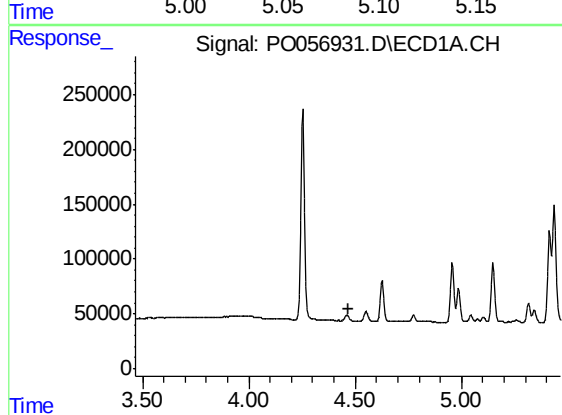
R.T.: 5.886 min
Delta R.T.: -0.004 min
Response: 661801
Conc: 479.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



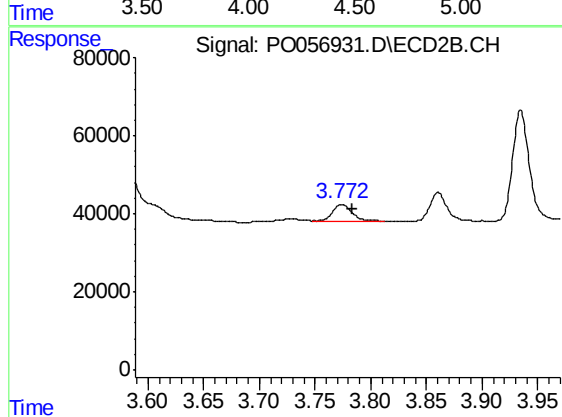
#7 AR-1016-5

R.T.: 5.079 min
Delta R.T.: -0.009 min
Response: 369912
Conc: 344.84 ng/ml



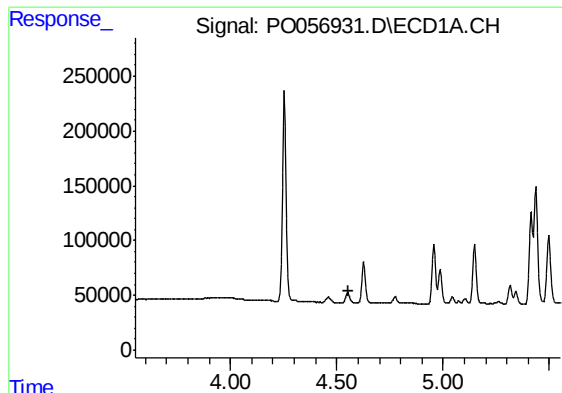
#8 AR-1221-1

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



#8 AR-1221-1

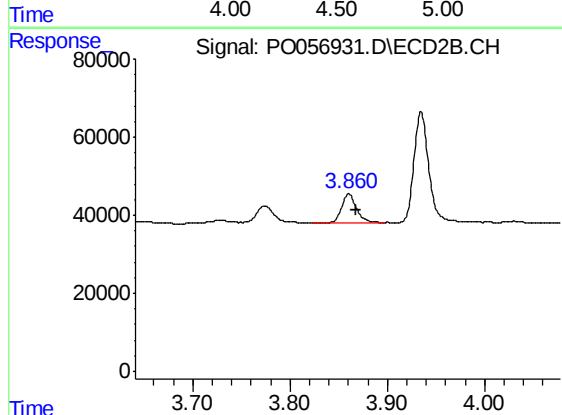
R.T.: 3.773 min
Delta R.T.: -0.010 min
Response: 58116
Conc: 114.59 ng/ml



#9 AR-1221-2

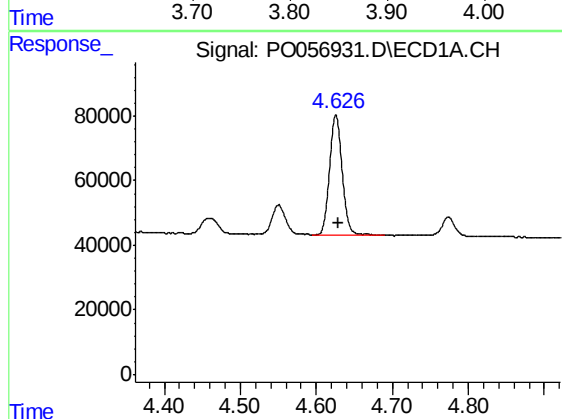
R.T.: 0.000 min
Exp R.T.: 4.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



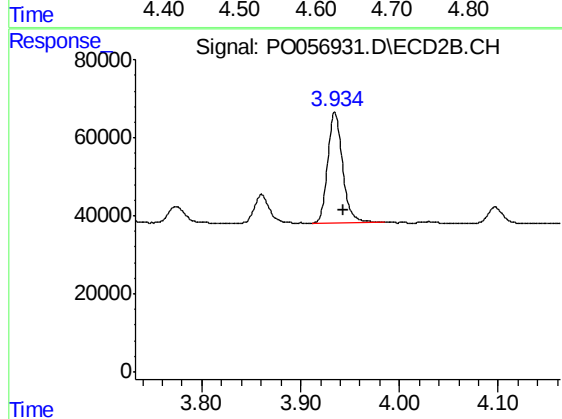
#9 AR-1221-2

R.T.: 3.861 min
Delta R.T.: -0.007 min
Response: 78946
Conc: 209.48 ng/ml



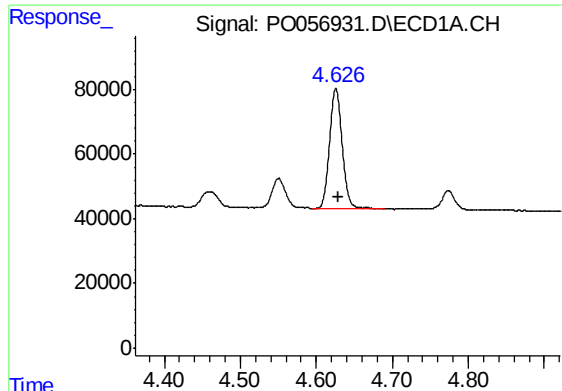
#10 AR-1221-3

R.T.: 4.626 min
Delta R.T.: -0.002 min
Response: 426986
Conc: 288.88 ng/ml



#10 AR-1221-3

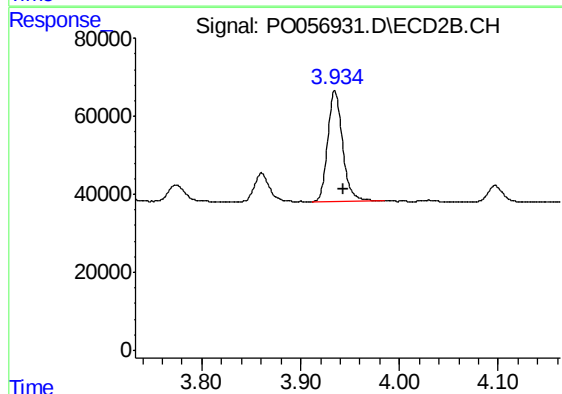
R.T.: 3.935 min
Delta R.T.: -0.008 min
Response: 297498
Conc: 248.53 ng/ml



#11 AR-1232-1

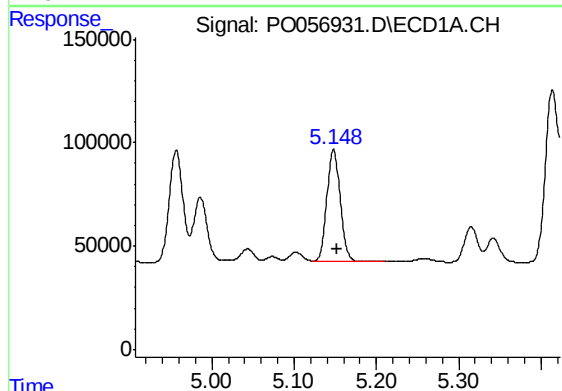
R.T.: 4.626 min
Delta R.T.: -0.003 min
Response: 426986
Conc: 362.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



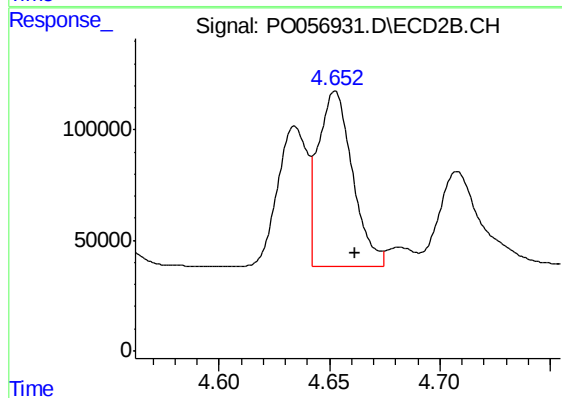
#11 AR-1232-1

R.T.: 3.935 min
Delta R.T.: -0.009 min
Response: 297498
Conc: 331.16 ng/ml



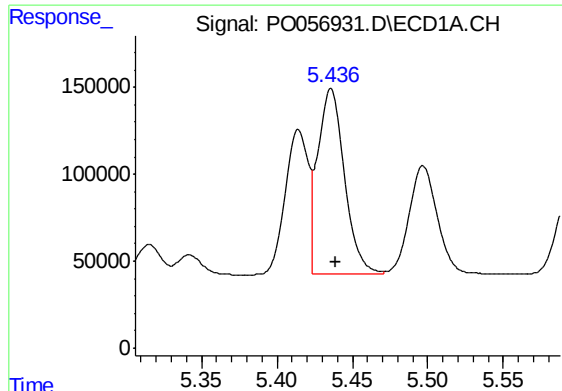
#12 AR-1232-2

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 621572
Conc: 937.46 ng/ml



#12 AR-1232-2

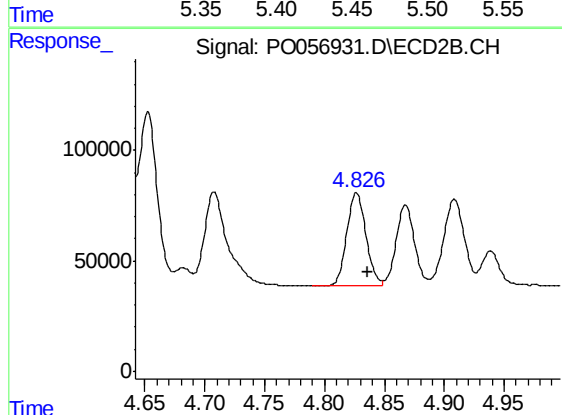
R.T.: 4.652 min
Delta R.T.: -0.009 min
Response: 854470
Conc: 879.19 ng/ml



#13 AR-1232-3

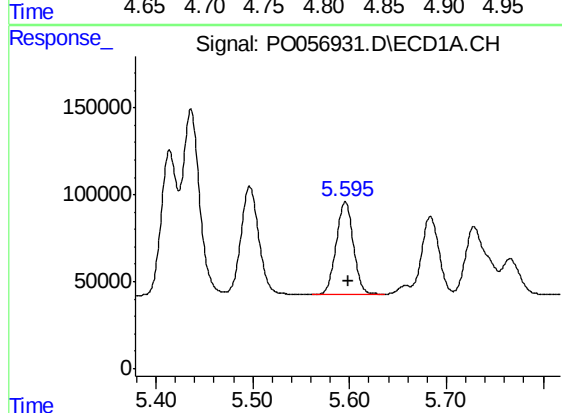
R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 1315523
Conc: 927.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



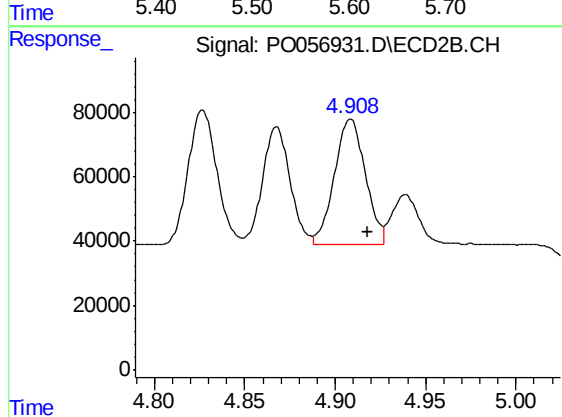
#13 AR-1232-3

R.T.: 4.827 min
Delta R.T.: -0.009 min
Response: 465580
Conc: 889.71 ng/ml



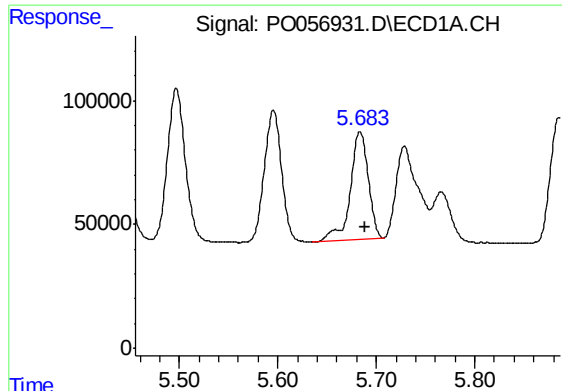
#14 AR-1232-4

R.T.: 5.596 min
Delta R.T.: -0.004 min
Response: 653924
Conc: 928.96 ng/ml



#14 AR-1232-4

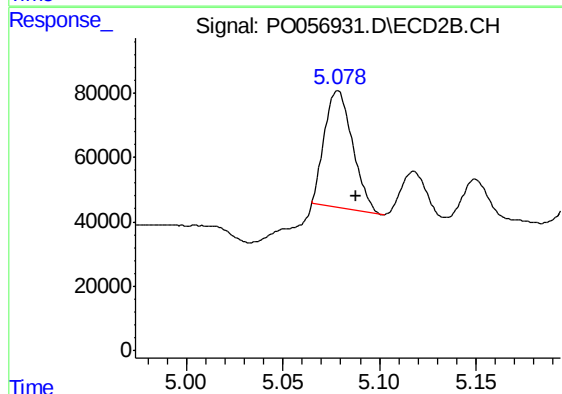
R.T.: 4.908 min
Delta R.T.: -0.009 min
Response: 466161
Conc: 946.16 ng/ml



#15 AR-1232-5

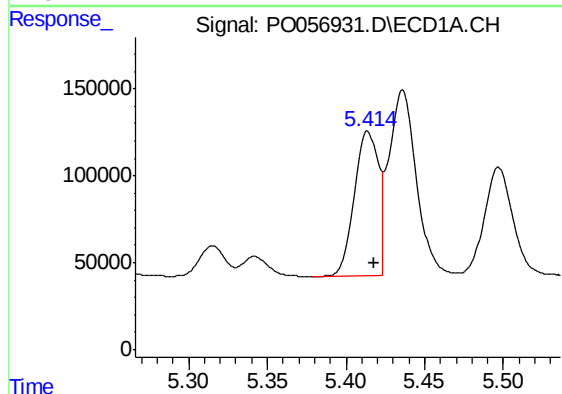
R.T.: 5.684 min
Delta R.T.: -0.005 min
Response: 557602
Conc: 986.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



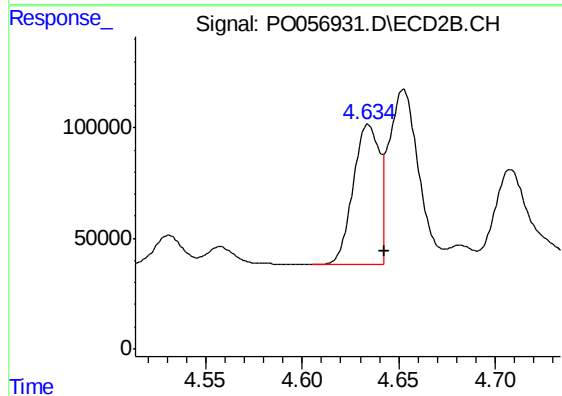
#15 AR-1232-5

R.T.: 5.079 min
Delta R.T.: -0.010 min
Response: 369912
Conc: 656.74 ng/ml



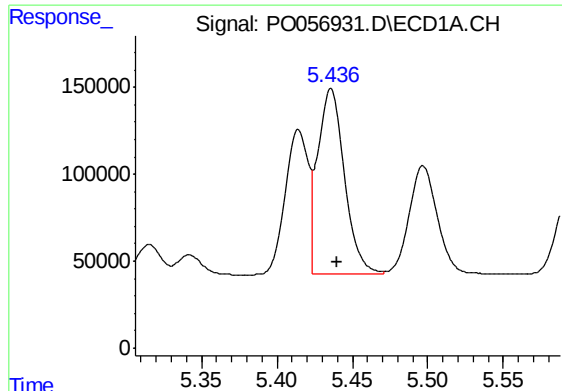
#16 AR-1242-1

R.T.: 5.414 min
Delta R.T.: -0.004 min
Response: 885519
Conc: 513.29 ng/ml



#16 AR-1242-1

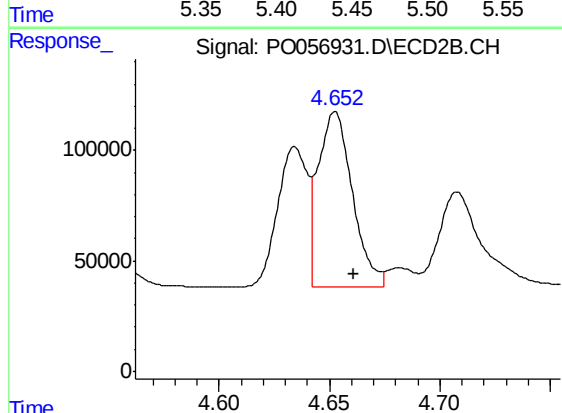
R.T.: 4.634 min
Delta R.T.: -0.008 min
Response: 596672
Conc: 481.74 ng/ml



#17 AR-1242-2

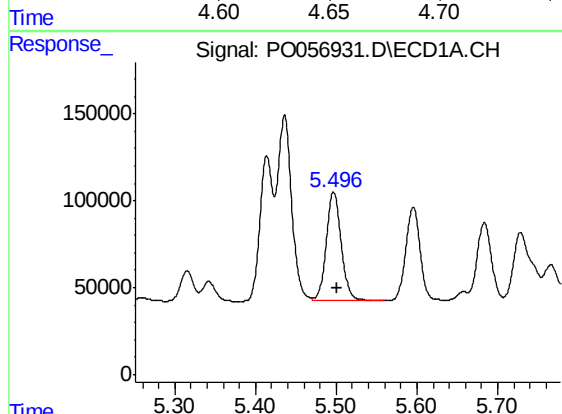
R.T.: 5.436 min
Delta R.T.: -0.004 min
Response: 1315523
Conc: 518.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



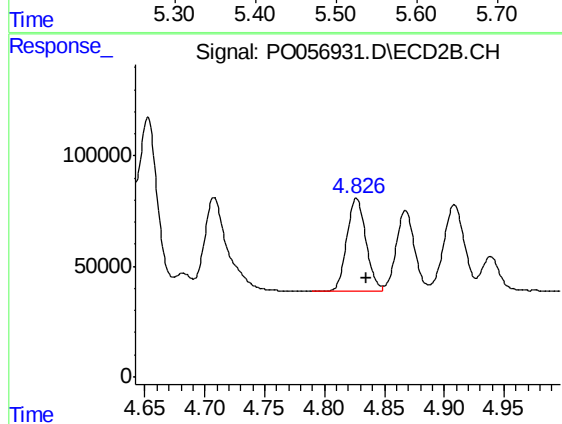
#17 AR-1242-2

R.T.: 4.652 min
Delta R.T.: -0.008 min
Response: 854470
Conc: 475.12 ng/ml



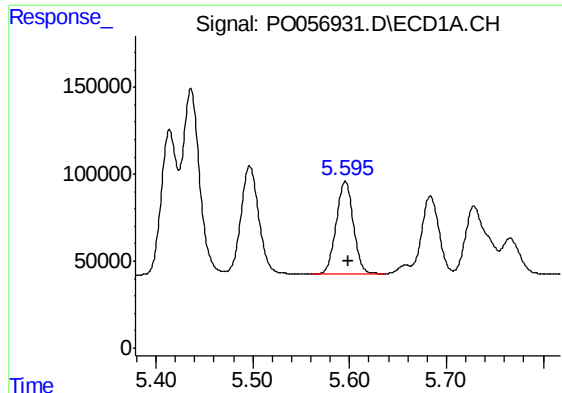
#18 AR-1242-3

R.T.: 5.497 min
Delta R.T.: -0.003 min
Response: 800303
Conc: 492.19 ng/ml



#18 AR-1242-3

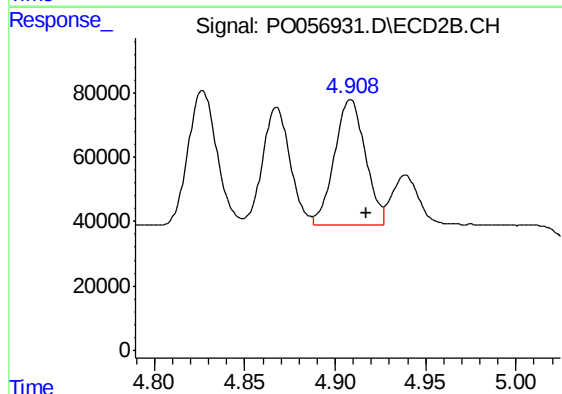
R.T.: 4.827 min
Delta R.T.: -0.008 min
Response: 465580
Conc: 473.58 ng/ml



#19 AR-1242-4

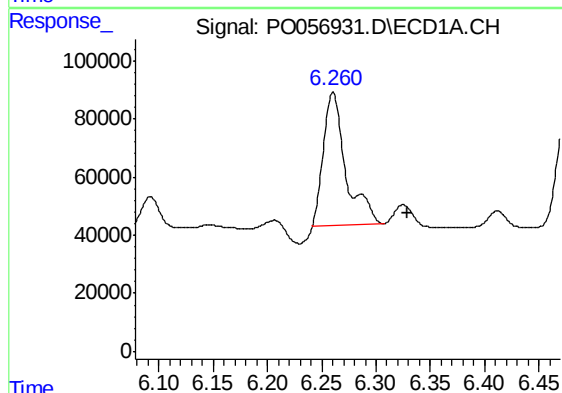
R.T.: 5.596 min
Delta R.T.: -0.003 min
Response: 653924
Conc: 489.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



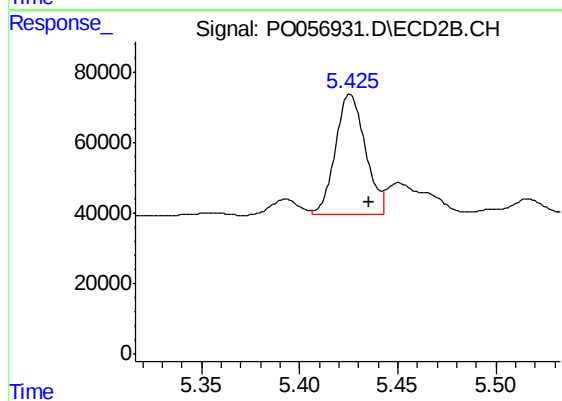
#19 AR-1242-4

R.T.: 4.908 min
Delta R.T.: -0.009 min
Response: 466161
Conc: 479.05 ng/ml



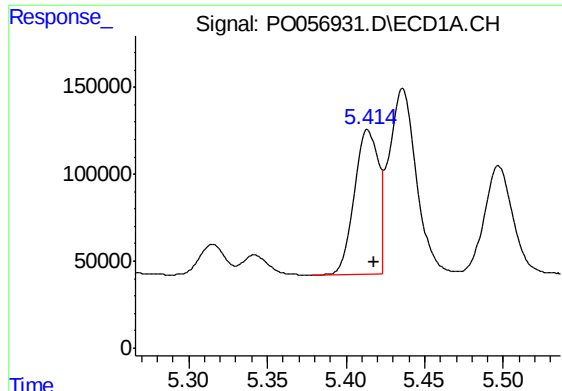
#20 AR-1242-5

R.T.: 6.260 min
Delta R.T.: -0.069 min
Response: 661155
Conc: 400.68 ng/ml



#20 AR-1242-5

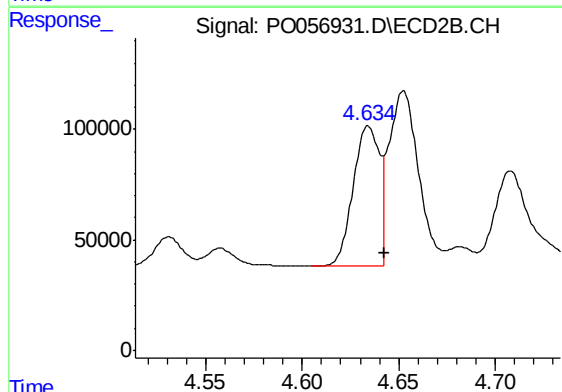
R.T.: 5.426 min
Delta R.T.: -0.009 min
Response: 363024
Conc: 307.06 ng/ml



#21 AR-1248-1

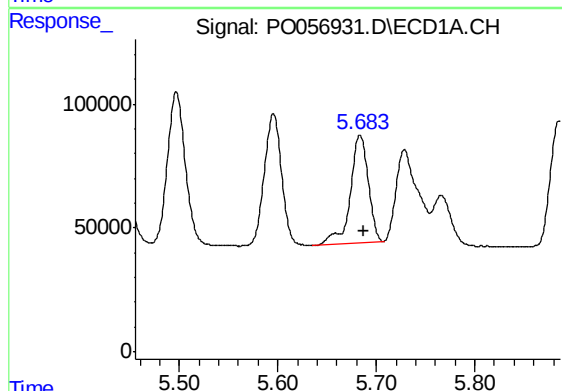
R.T.: 5.414 min
Delta R.T.: -0.003 min
Response: 885519
Conc: 687.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



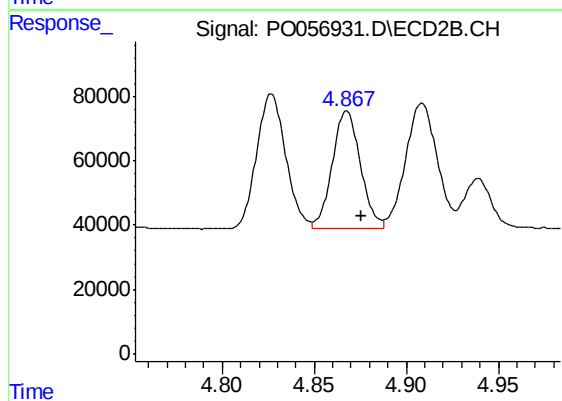
#21 AR-1248-1

R.T.: 4.634 min
Delta R.T.: -0.009 min
Response: 596672
Conc: 637.12 ng/ml



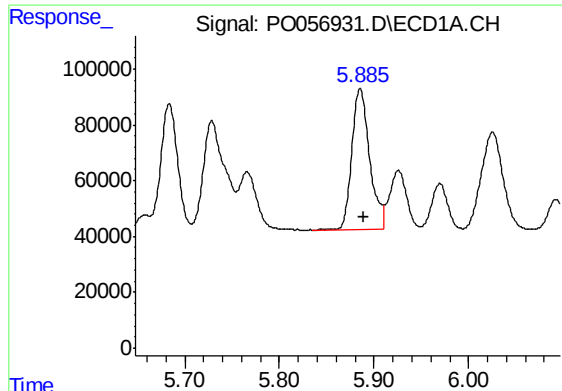
#22 AR-1248-2

R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 557602
Conc: 299.32 ng/ml



#22 AR-1248-2

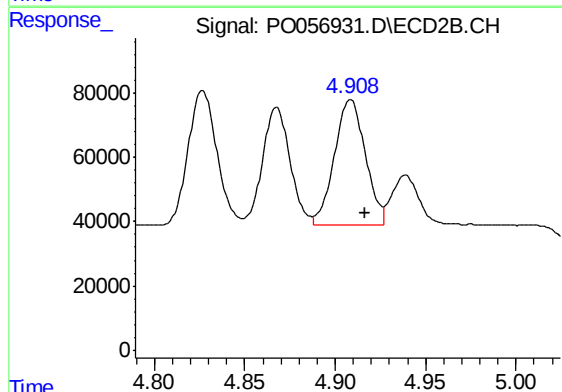
R.T.: 4.868 min
Delta R.T.: -0.008 min
Response: 390308
Conc: 307.22 ng/ml



#23 AR-1248-3

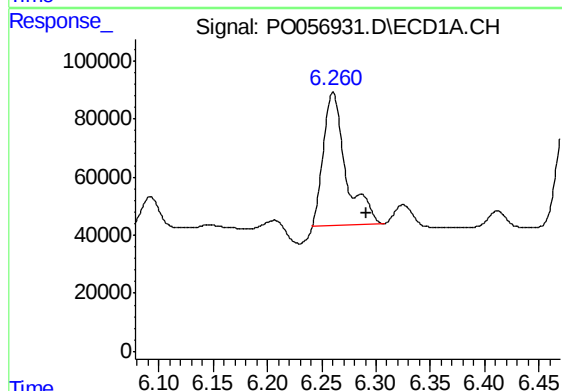
R.T.: 5.886 min
Delta R.T.: -0.004 min
Response: 661801
Conc: 322.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



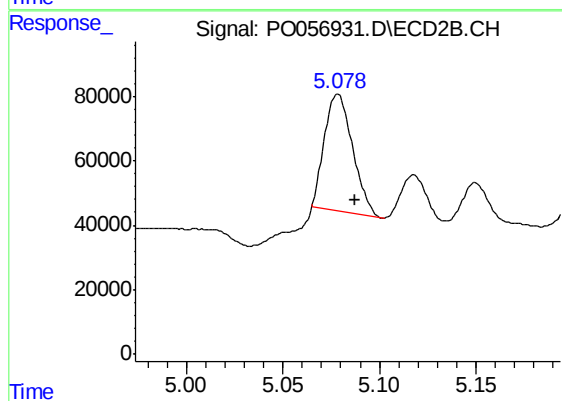
#23 AR-1248-3

R.T.: 4.908 min
Delta R.T.: -0.008 min
Response: 466161
Conc: 356.96 ng/ml



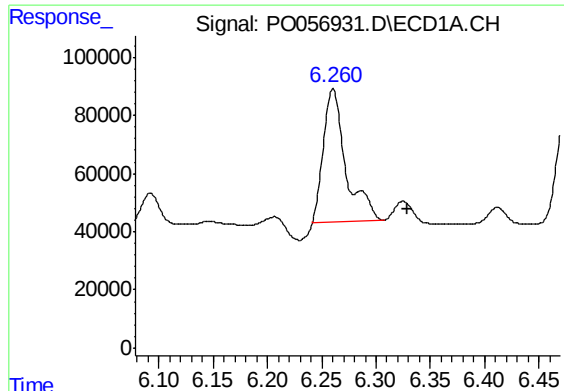
#24 AR-1248-4

R.T.: 6.260 min
Delta R.T.: -0.030 min
Response: 661155
Conc: 285.76 ng/ml



#24 AR-1248-4

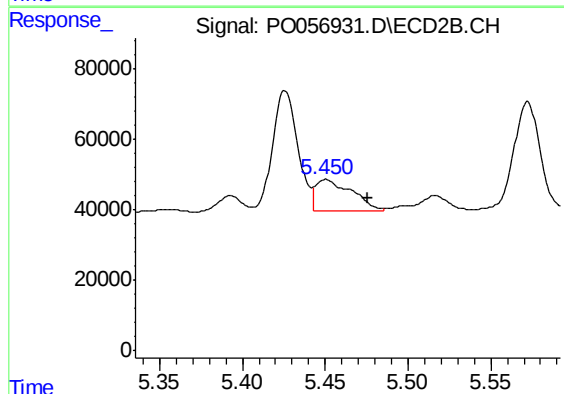
R.T.: 5.079 min
Delta R.T.: -0.009 min
Response: 369912
Conc: 233.59 ng/ml



#25 AR-1248-5

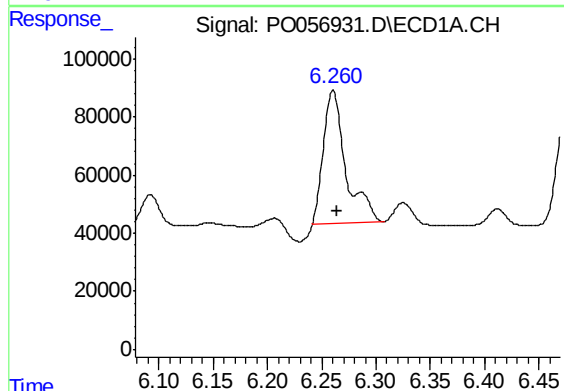
R.T.: 6.260 min
Delta R.T.: -0.069 min
Response: 661155
Conc: 300.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



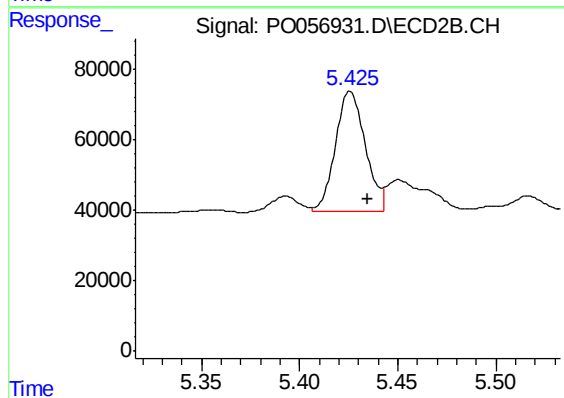
#25 AR-1248-5

R.T.: 5.450 min
Delta R.T.: -0.025 min
Response: 135495
Conc: 81.87 ng/ml



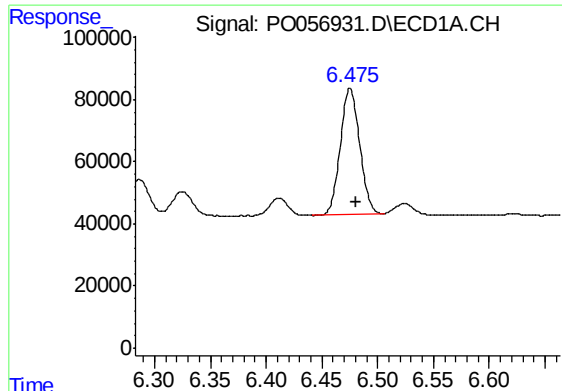
#26 AR-1254-1

R.T.: 6.260 min
Delta R.T.: -0.004 min
Response: 661155
Conc: 240.18 ng/ml



#26 AR-1254-1

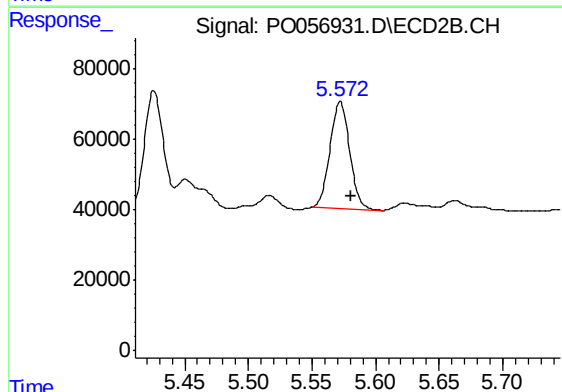
R.T.: 5.426 min
Delta R.T.: -0.009 min
Response: 363024
Conc: 137.26 ng/ml



#27 AR-1254-2

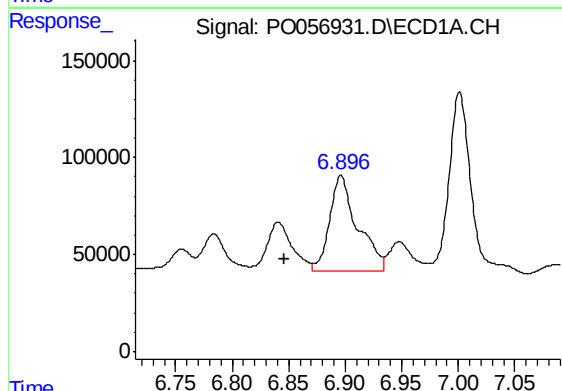
R.T.: 6.475 min
Delta R.T.: -0.006 min
Response: 488889
Conc: 125.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



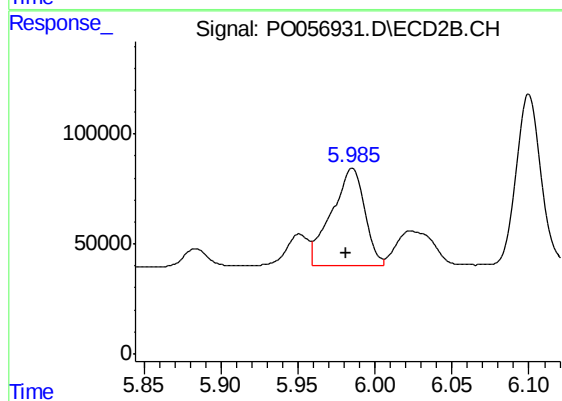
#27 AR-1254-2

R.T.: 5.572 min
Delta R.T.: -0.008 min
Response: 327895
Conc: 152.10 ng/ml



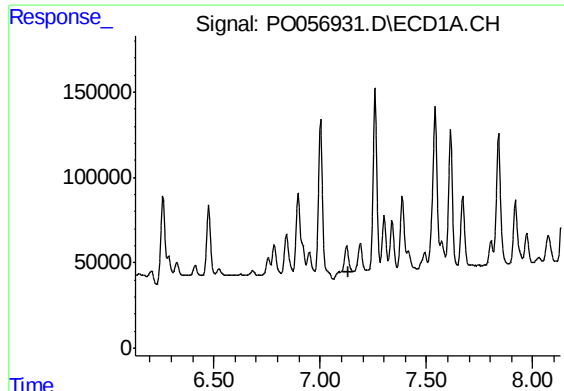
#28 AR-1254-3

R.T.: 6.896 min
Delta R.T.: 0.050 min
Response: 849251
Conc: 205.96 ng/ml



#28 AR-1254-3

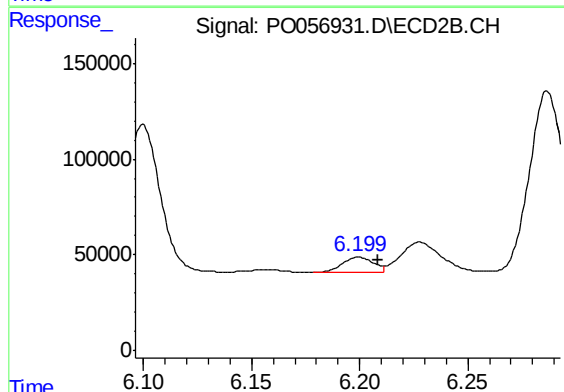
R.T.: 5.985 min
Delta R.T.: 0.003 min
Response: 656836
Conc: 179.41 ng/ml



#29 AR-1254-4

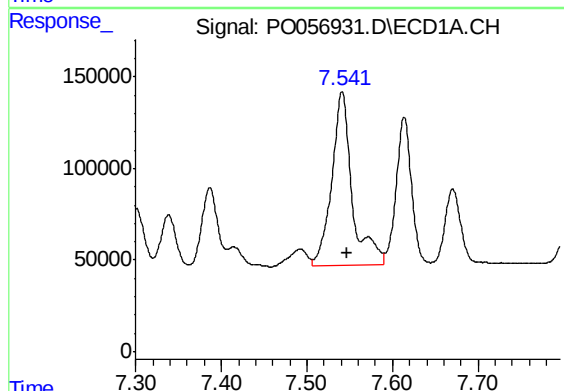
R.T.: 0.000 min
Exp R.T.: 7.131 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



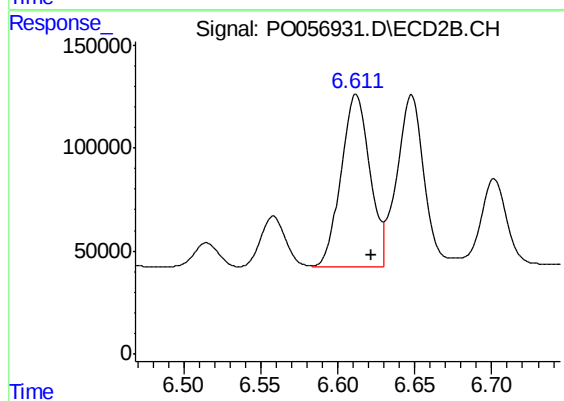
#29 AR-1254-4

R.T.: 6.199 min
Delta R.T.: -0.009 min
Response: 83019
Conc: 37.79 ng/ml



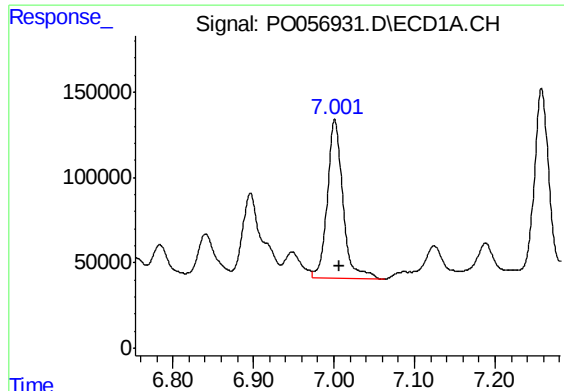
#30 AR-1254-5

R.T.: 7.541 min
Delta R.T.: -0.006 min
Response: 1580777
Conc: 419.79 ng/ml



#30 AR-1254-5

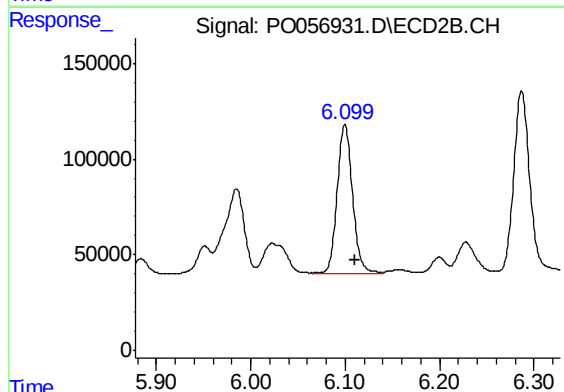
R.T.: 6.612 min
Delta R.T.: -0.010 min
Response: 1082744
Conc: 341.53 ng/ml



#31 AR-1260-1

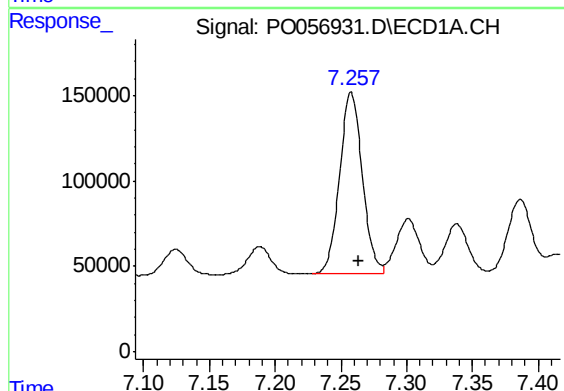
R.T.: 7.001 min
Delta R.T.: -0.006 min
Response: 1269197
Conc: 494.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



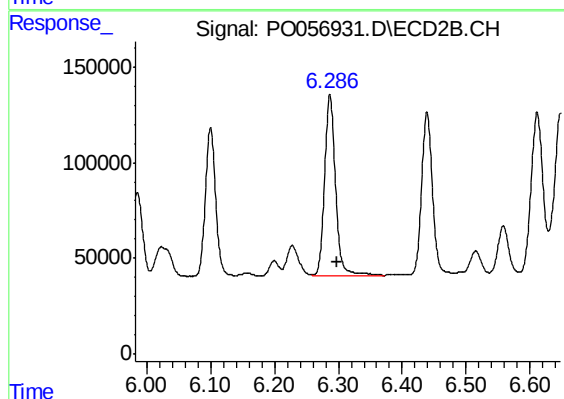
#31 AR-1260-1

R.T.: 6.100 min
Delta R.T.: -0.010 min
Response: 877139
Conc: 438.49 ng/ml



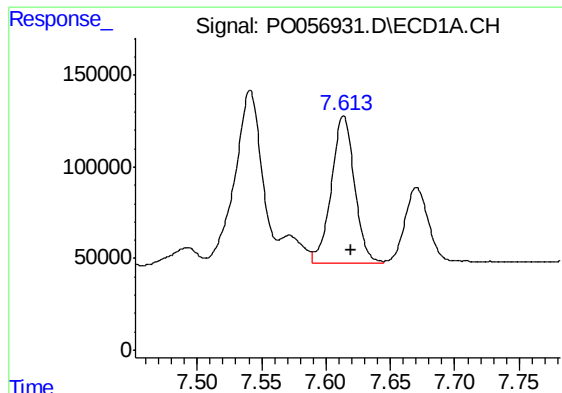
#32 AR-1260-2

R.T.: 7.258 min
Delta R.T.: -0.006 min
Response: 1275708
Conc: 421.84 ng/ml



#32 AR-1260-2

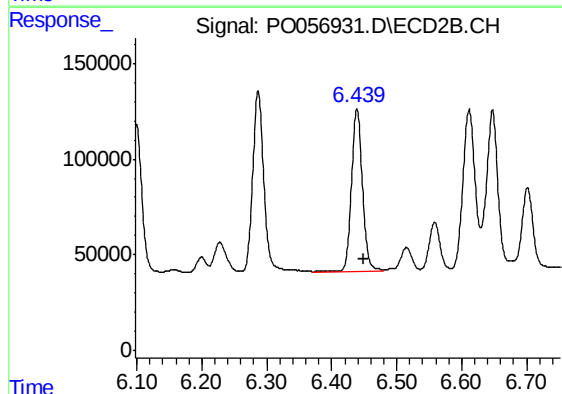
R.T.: 6.287 min
Delta R.T.: -0.011 min
Response: 1135275
Conc: 460.57 ng/ml



#33 AR-1260-3

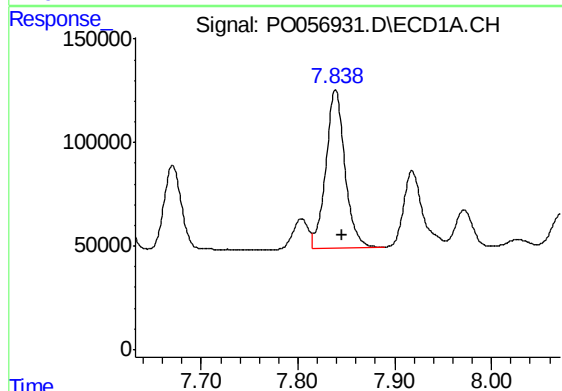
R.T.: 7.614 min
Delta R.T.: -0.006 min
Response: 1005331
Conc: 417.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



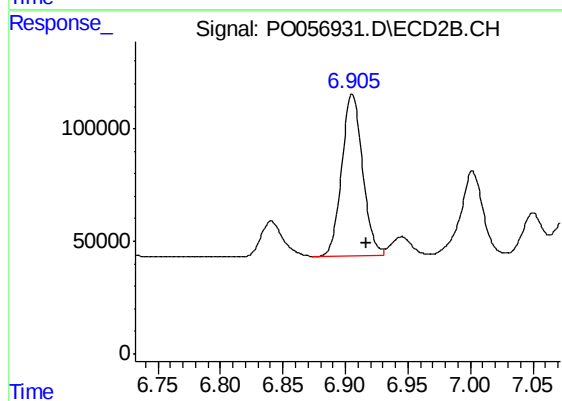
#33 AR-1260-3

R.T.: 6.439 min
Delta R.T.: -0.011 min
Response: 994455
Conc: 443.31 ng/ml



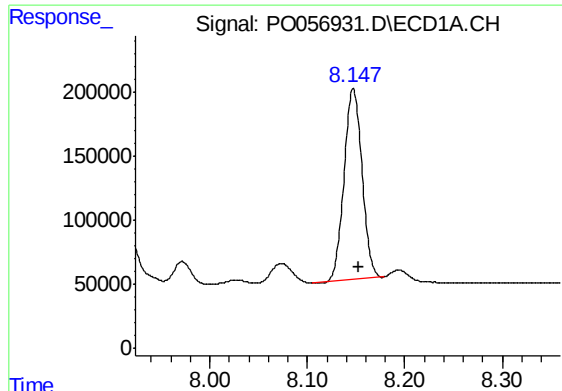
#34 AR-1260-4

R.T.: 7.839 min
Delta R.T.: -0.006 min
Response: 1055051
Conc: 402.81 ng/ml



#34 AR-1260-4

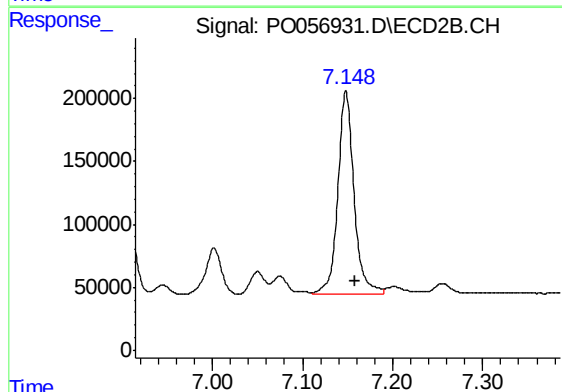
R.T.: 6.905 min
Delta R.T.: -0.012 min
Response: 836172
Conc: 449.31 ng/ml



#35 AR-1260-5

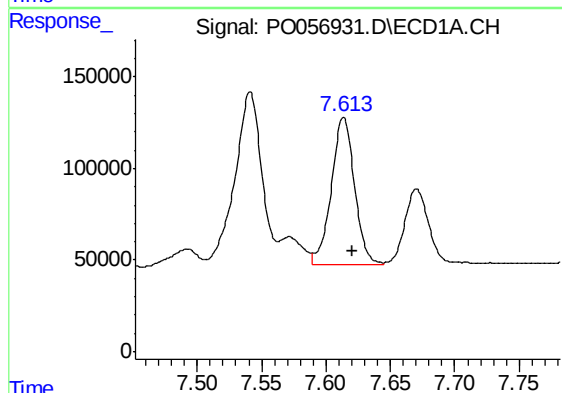
R.T.: 8.147 min
Delta R.T.: -0.006 min
Response: 1908705
Conc: 399.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



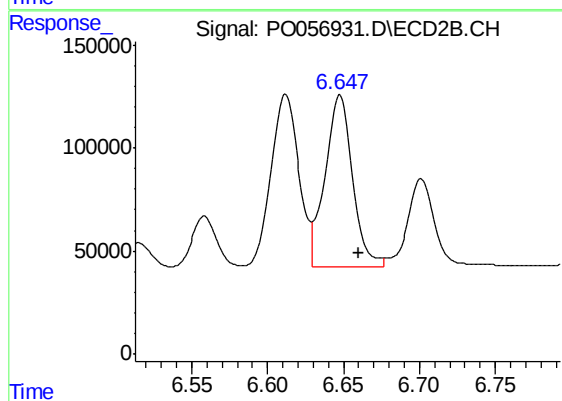
#35 AR-1260-5

R.T.: 7.148 min
Delta R.T.: -0.010 min
Response: 2011919
Conc: 466.55 ng/ml



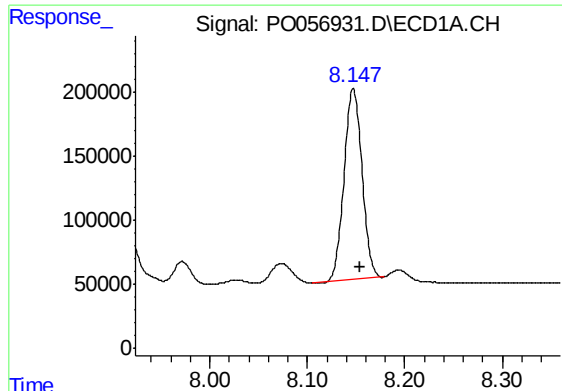
#36 AR-1262-1

R.T.: 7.614 min
Delta R.T.: -0.007 min
Response: 1005331
Conc: 214.95 ng/ml



#36 AR-1262-1

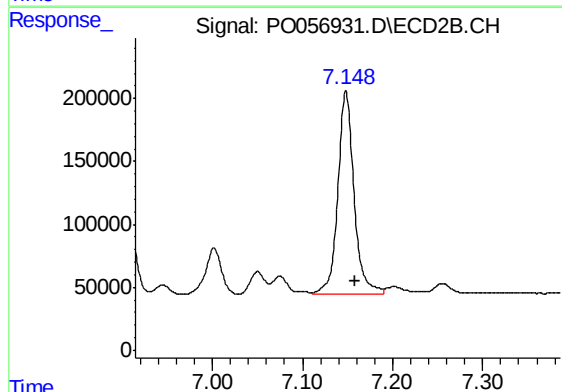
R.T.: 6.648 min
Delta R.T.: -0.012 min
Response: 1037402
Conc: 248.54 ng/ml



#37 AR-1262-2

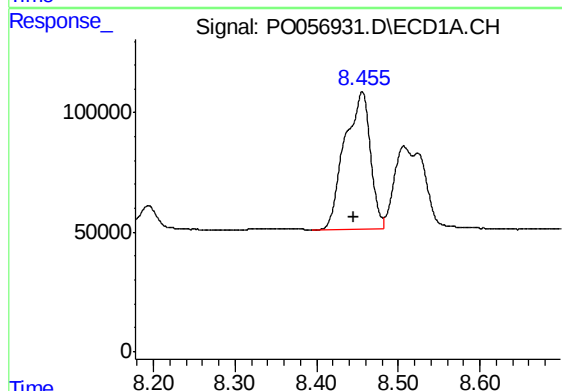
R.T.: 8.147 min
Delta R.T.: -0.007 min
Response: 1908705
Conc: 250.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



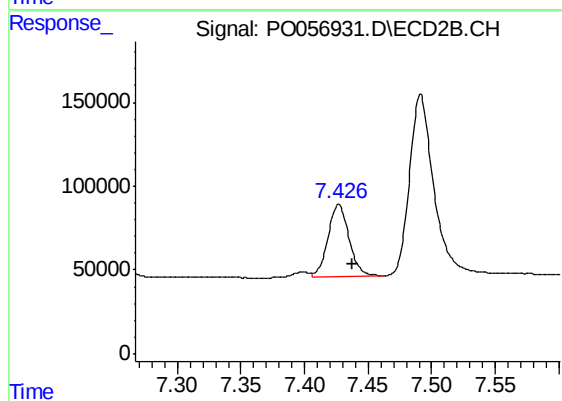
#37 AR-1262-2

R.T.: 7.148 min
Delta R.T.: -0.010 min
Response: 2011919
Conc: 292.83 ng/ml



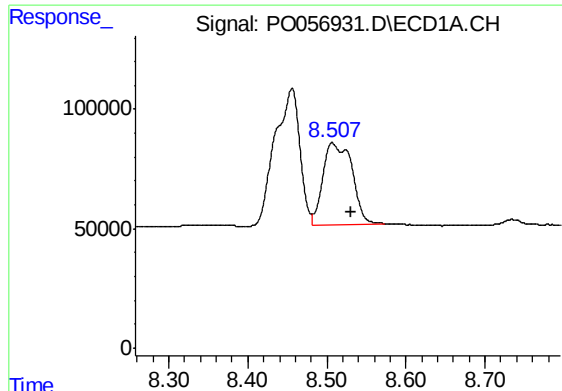
#38 AR-1262-3

R.T.: 8.455 min
Delta R.T.: 0.010 min
Response: 1253338
Conc: 239.48 ng/ml



#38 AR-1262-3

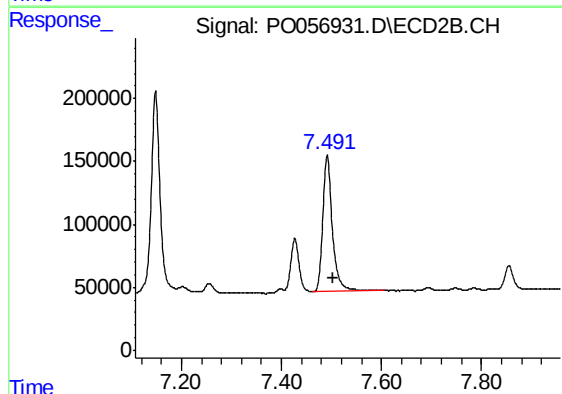
R.T.: 7.427 min
Delta R.T.: -0.011 min
Response: 502447
Conc: 170.12 ng/ml



#39 AR-1262-4

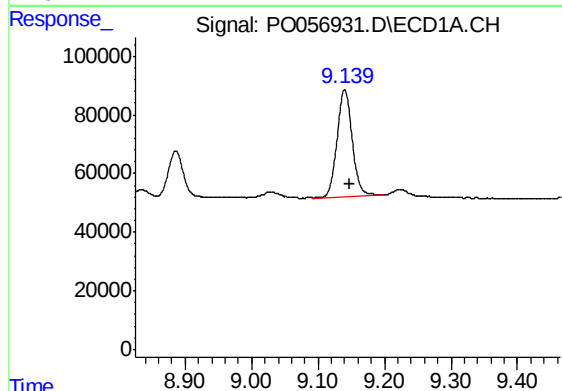
R.T.: 8.507 min
Delta R.T.: -0.023 min
Response: 872633
Conc: 204.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



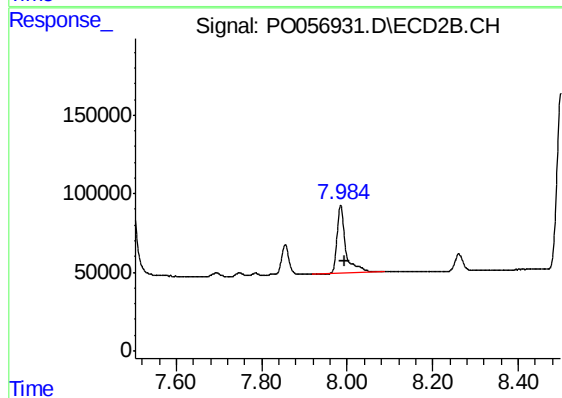
#39 AR-1262-4

R.T.: 7.491 min
Delta R.T.: -0.012 min
Response: 1467235
Conc: 281.59 ng/ml



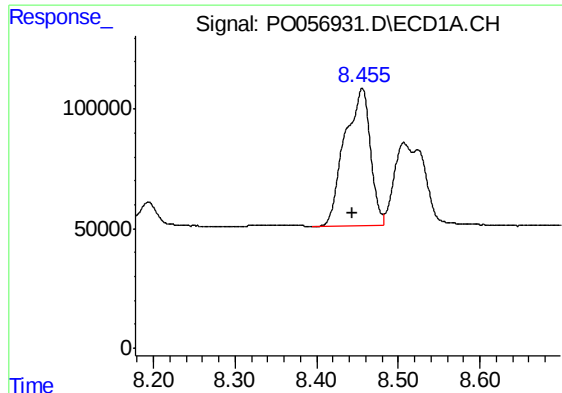
#40 AR-1262-5

R.T.: 9.140 min
Delta R.T.: -0.008 min
Response: 578363
Conc: 210.49 ng/ml



#40 AR-1262-5

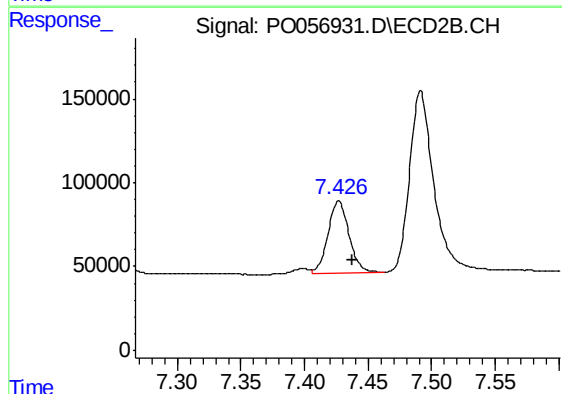
R.T.: 7.985 min
Delta R.T.: -0.010 min
Response: 619189
Conc: 266.65 ng/ml



#41 AR-1268-1

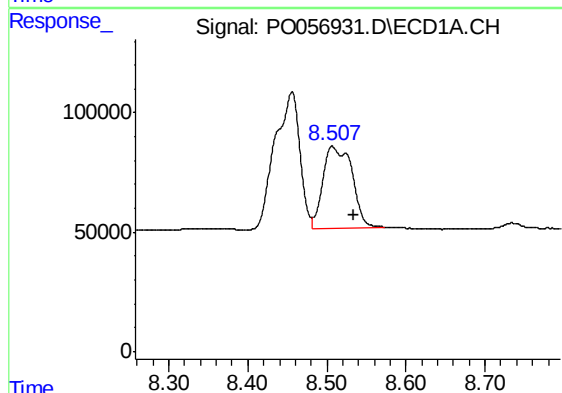
R.T.: 8.455 min
Delta R.T.: 0.011 min
Response: 1253338
Conc: 154.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



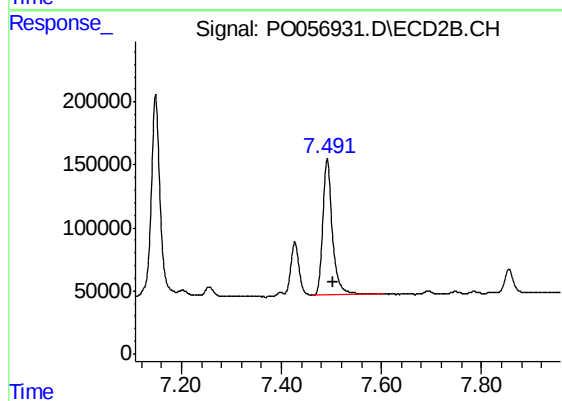
#41 AR-1268-1

R.T.: 7.427 min
Delta R.T.: -0.010 min
Response: 502447
Conc: 67.31 ng/ml



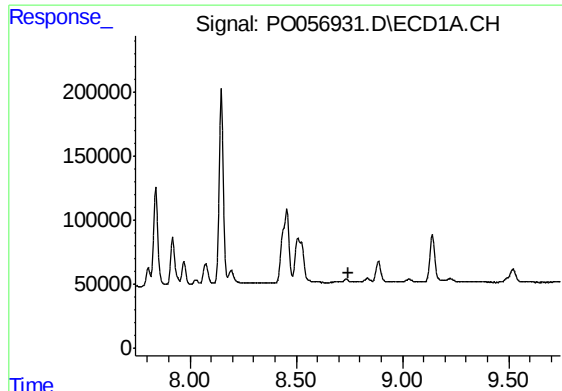
#42 AR-1268-2

R.T.: 8.507 min
Delta R.T.: -0.026 min
Response: 872633
Conc: 107.87 ng/ml



#42 AR-1268-2

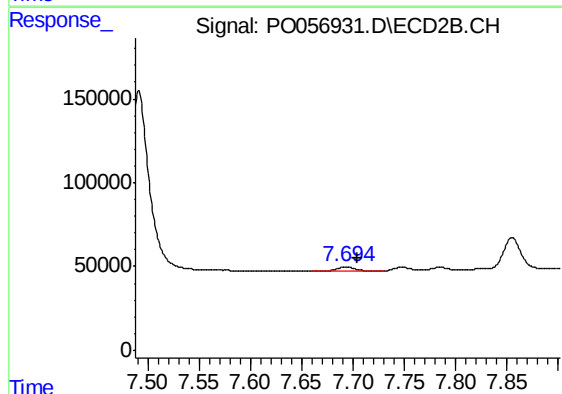
R.T.: 7.491 min
Delta R.T.: -0.012 min
Response: 1467235
Conc: 210.11 ng/ml



#43 AR-1268-3

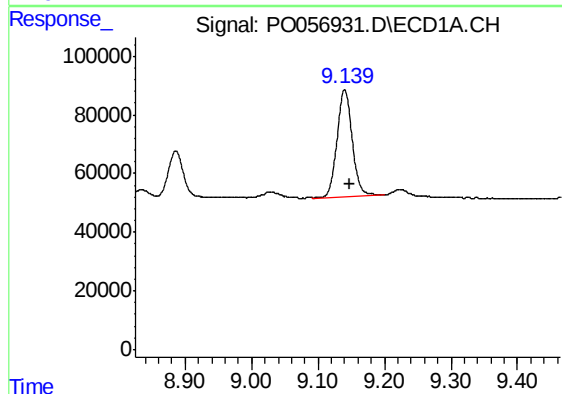
R.T.: 0.000 min
Exp R.T.: 8.743 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



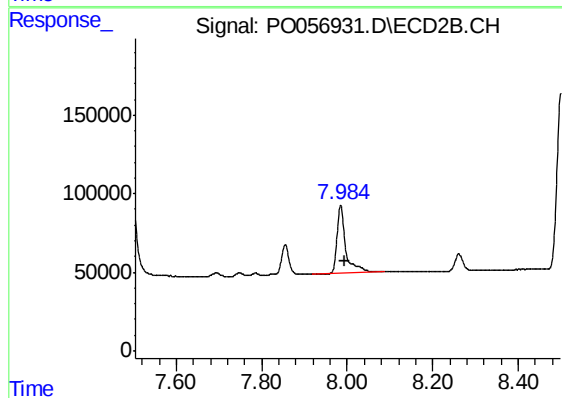
#43 AR-1268-3

R.T.: 7.694 min
Delta R.T.: -0.011 min
Response: 28769
Conc: 4.85 ng/ml



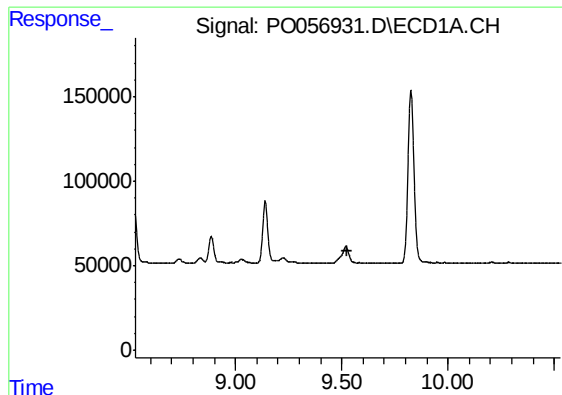
#44 AR-1268-4

R.T.: 9.140 min
Delta R.T.: -0.008 min
Response: 578363
Conc: 212.08 ng/ml



#44 AR-1268-4

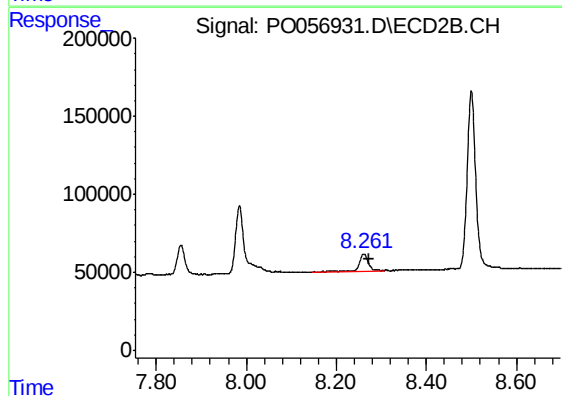
R.T.: 7.985 min
Delta R.T.: -0.009 min
Response: 619189
Conc: 265.26 ng/ml



#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.: 8.261 min
Delta R.T.: -0.011 min
Response: 132255
Conc: 7.64 ng/ml