

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042019\
 Data File : PQ039144.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2019 23:23
 Operator : AJ\SJ
 Sample : K2241-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Manual Integrations
 APPROVED

mohammad
 4/29/2019 4:08:36 PM

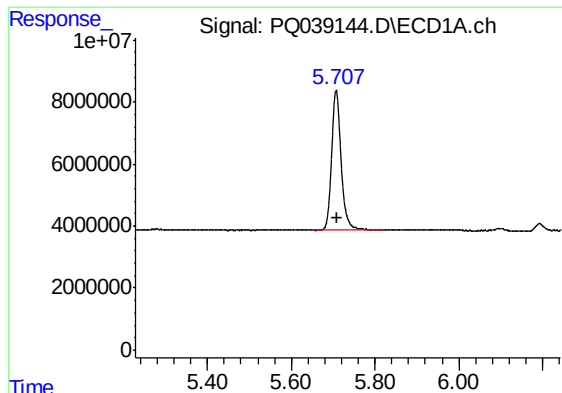
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 00:50:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Apr 20 00:43:12 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	5.707	4.798	70653671	41550732	17.078	16.527
2) SA Decachlor...	12.115	10.563	109.4E6	63383574	18.495	18.388
Target Compounds						
3) L1 AR-1016-1	7.156	6.251	6950231	4028550	44.851	40.369
4) L1 AR-1016-2	7.180	6.273	9714222	5491619	41.835	38.352
5) L1 AR-1016-3	7.251	6.488	5963788	3346399	43.142	42.939m
6) L1 AR-1016-4	7.364	6.541	4748808	2778469	40.428m	44.730m
7) L1 AR-1016-5	7.697	6.795	5034764	3580493	42.456m	42.665m
31) L7 AR-1260-1	8.921	7.960	12049665	7805559	53.205	45.975
32) L7 AR-1260-2	9.191	8.163	13365027	9880295	48.790	48.198
33) L7 AR-1260-3	9.566	8.328	10366370	8610277	46.458	44.149m
34) L7 AR-1260-4	9.811	8.826	13394264	7509172	50.388	45.290
35) L7 AR-1260-5	10.158	9.078	22012376	17093631	42.935	41.836

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



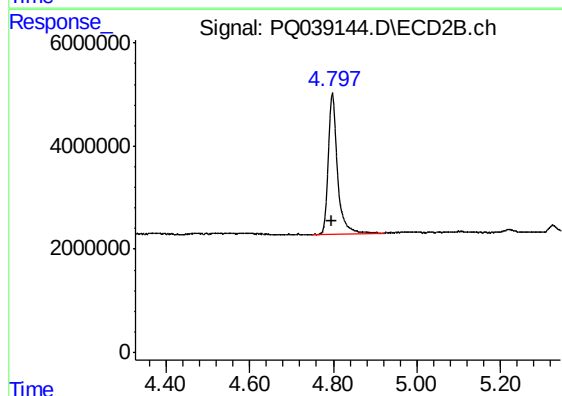
#1 Tetrachloro-m-xylene

R.T.: 5.707 min
Delta R.T.: -0.003 min
Response: 70653671
Conc: 17.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

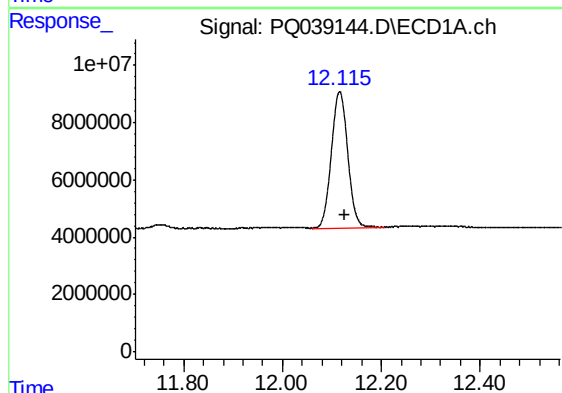
Manual Integrations
APPROVED

mohammad
4/29/2019 4:08:36 PM



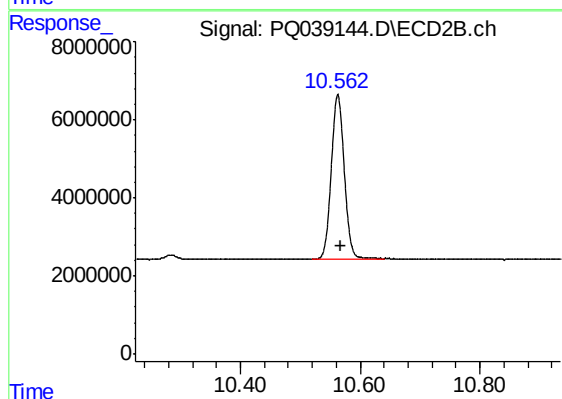
#1 Tetrachloro-m-xylene

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 41550732
Conc: 16.53 ng/ml



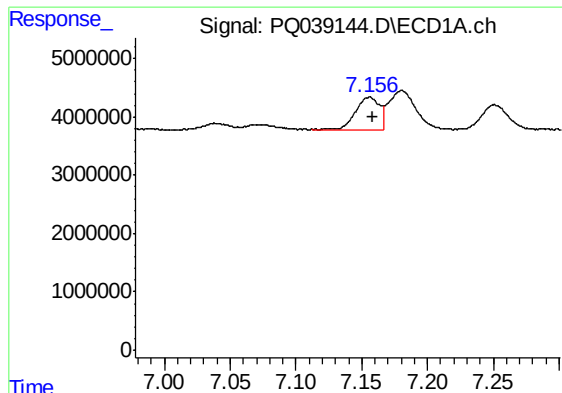
#2 Decachlorobiphenyl

R.T.: 12.115 min
Delta R.T.: -0.009 min
Response: 109382936
Conc: 18.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.563 min
Delta R.T.: -0.006 min
Response: 63383574
Conc: 18.39 ng/ml



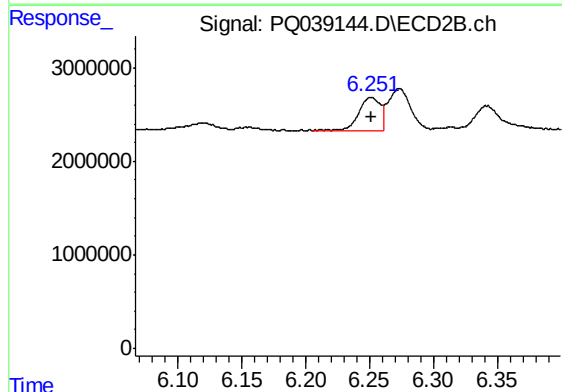
#3 AR-1016-1

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 6950231
Conc: 44.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

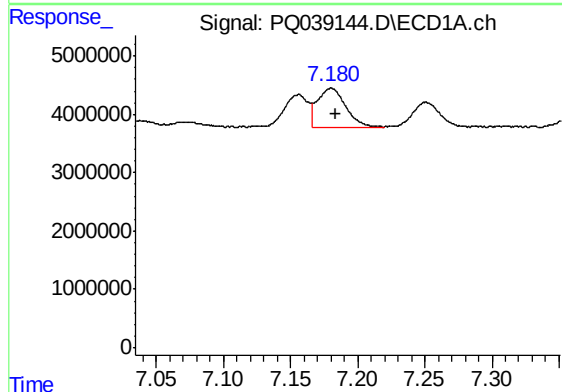
Manual Integrations
APPROVED

mohammad
4/29/2019 4:08:36 PM



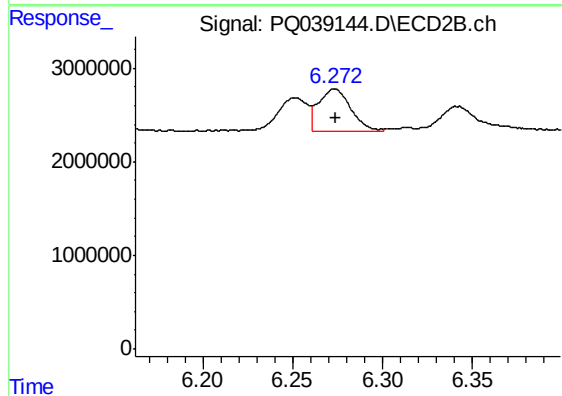
#3 AR-1016-1

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 4028550
Conc: 40.37 ng/ml



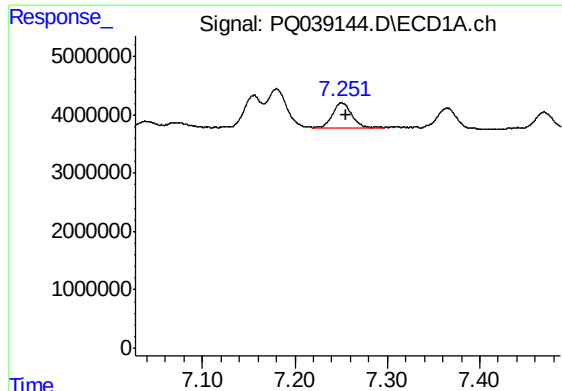
#4 AR-1016-2

R.T.: 7.180 min
Delta R.T.: -0.003 min
Response: 9714222
Conc: 41.83 ng/ml



#4 AR-1016-2

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 5491619
Conc: 38.35 ng/ml



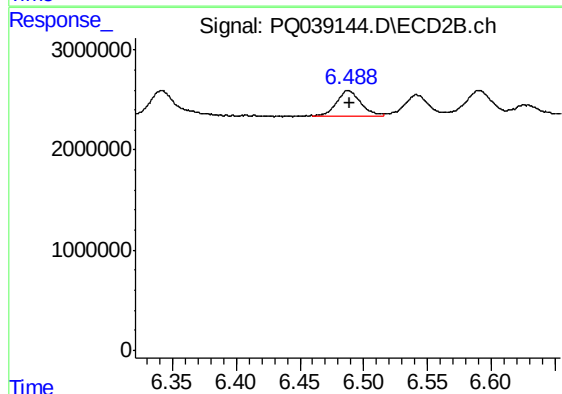
#5 AR-1016-3

R.T.: 7.251 min
Delta R.T.: -0.004 min
Response: 5963788
Conc: 43.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

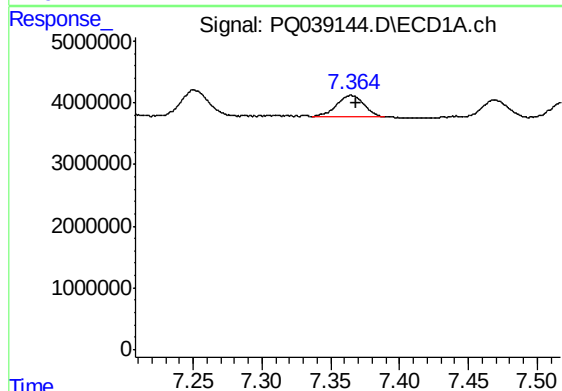
Manual Integrations
APPROVED

mohammad
4/29/2019 4:08:36 PM



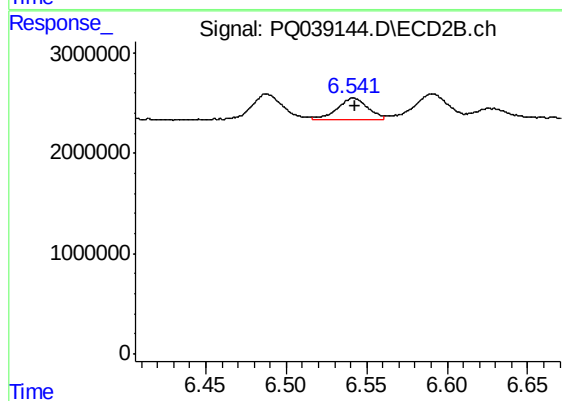
#5 AR-1016-3

R.T.: 6.488 min
Delta R.T.: -0.001 min
Response: 3346399
Conc: 42.94 ng/ml m



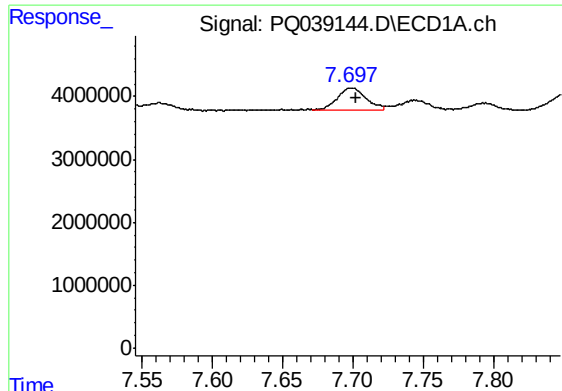
#6 AR-1016-4

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 4748808
Conc: 40.43 ng/ml m



#6 AR-1016-4

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 2778469
Conc: 44.73 ng/ml m



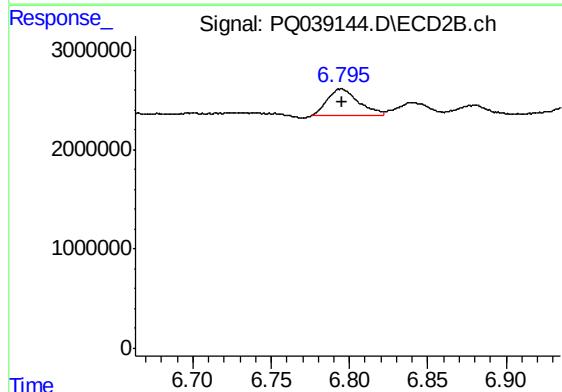
#7 AR-1016-5

R.T.: 7.697 min
Delta R.T.: -0.006 min
Response: 5034764
Conc: 42.46 ng/ml m

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

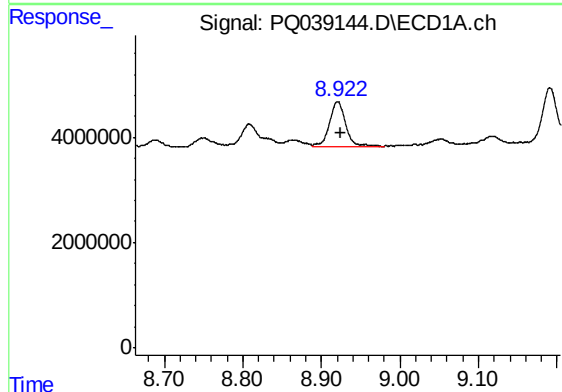
Manual Integrations
APPROVED

mohammad
4/29/2019 4:08:36 PM



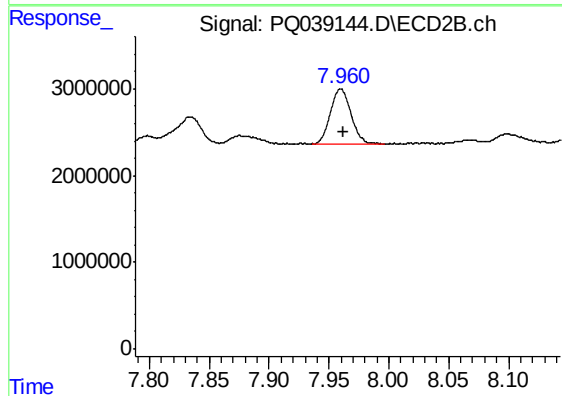
#7 AR-1016-5

R.T.: 6.795 min
Delta R.T.: -0.001 min
Response: 3580493
Conc: 42.66 ng/ml m



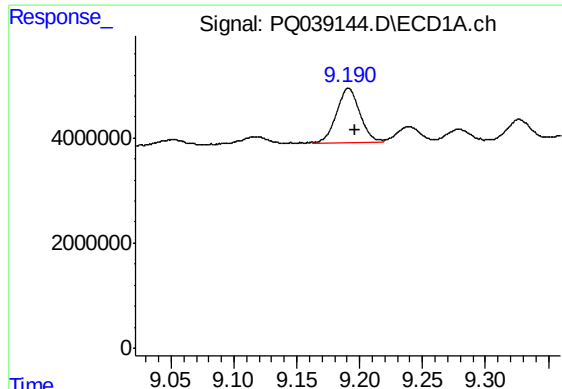
#31 AR-1260-1

R.T.: 8.921 min
Delta R.T.: -0.005 min
Response: 12049665
Conc: 53.20 ng/ml



#31 AR-1260-1

R.T.: 7.960 min
Delta R.T.: -0.003 min
Response: 7805559
Conc: 45.97 ng/ml



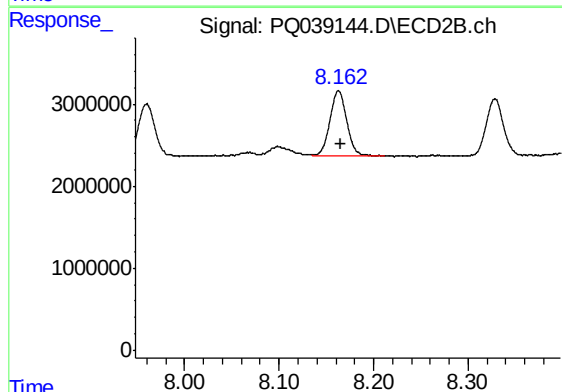
#32 AR-1260-2

R.T.: 9.191 min
Delta R.T.: -0.006 min
Response: 13365027
Conc: 48.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

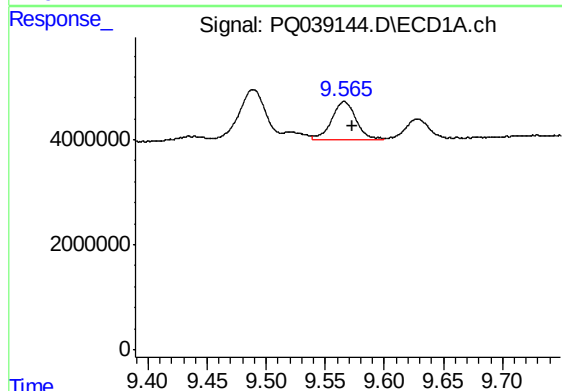
Manual Integrations
APPROVED

mohammad
4/29/2019 4:08:36 PM



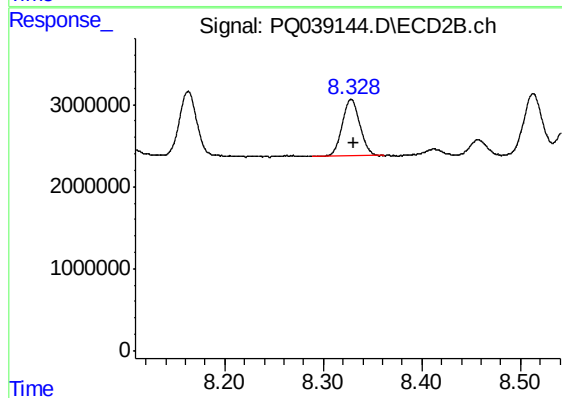
#32 AR-1260-2

R.T.: 8.163 min
Delta R.T.: -0.003 min
Response: 9880295
Conc: 48.20 ng/ml



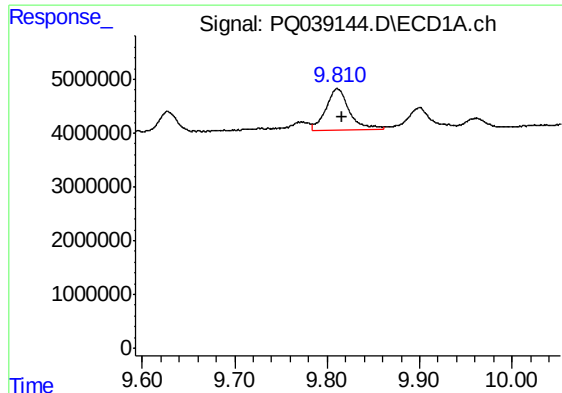
#33 AR-1260-3

R.T.: 9.566 min
Delta R.T.: -0.007 min
Response: 10366370
Conc: 46.46 ng/ml



#33 AR-1260-3

R.T.: 8.328 min
Delta R.T.: -0.003 min
Response: 8610277
Conc: 44.15 ng/ml m



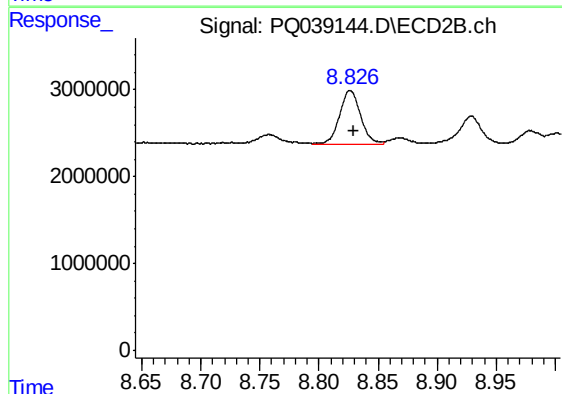
#34 AR-1260-4

R.T.: 9.811 min
Delta R.T.: -0.006 min
Response: 13394264
Conc: 50.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

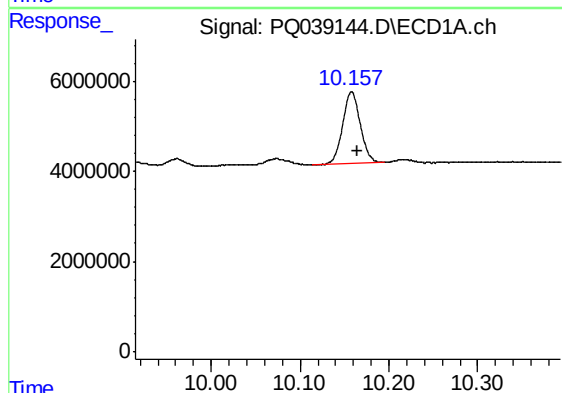
Manual Integrations
APPROVED

mohammad
4/29/2019 4:08:36 PM



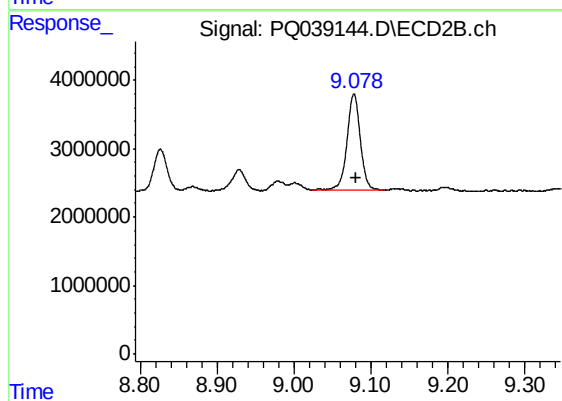
#34 AR-1260-4

R.T.: 8.826 min
Delta R.T.: -0.003 min
Response: 7509172
Conc: 45.29 ng/ml



#35 AR-1260-5

R.T.: 10.158 min
Delta R.T.: -0.007 min
Response: 22012376
Conc: 42.94 ng/ml



#35 AR-1260-5

R.T.: 9.078 min
Delta R.T.: -0.003 min
Response: 17093631
Conc: 41.84 ng/ml