

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041619\
 Data File : PD052958.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Apr 2019 15:37
 Operator : AJ\SJ
 Sample : K2241-08
 Misc : LOQ 10 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Manual Integrations
 APPROVED

Sohil
 4/17/2019 4:54:34 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 02:19:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.219	4.042	28718203	593.9E6	20.580	20.490
28)	SA Decachlor...	7.814	9.160	31054649	394.8E6	23.301	25.389
Target Compounds							
2)	A alpha-BHC	3.638	4.434	20736585	465.5E6	9.122	10.343
3)	MA gamma-BHC...	3.905	4.721	22088856	425.0E6	10.102m	10.566
4)	MA Heptachlor	4.183	5.234	21681386	432.9E6	10.212	10.911
5)	MB Aldrin	4.414	5.541	20732507	415.7E6	10.297	11.227
6)	B beta-BHC	4.153	4.892	9573000	199.2E6	10.846	11.009
7)	B delta-BHC	4.341	5.110	18324639	335.8E6	8.984	10.205m
8)	B Heptachlor...	4.842	5.929	19940302	363.8E6	10.492	11.271
9)	A Endosulfan I	5.163	6.288	18529866	337.9E6	10.368	11.566
10)	B gamma-Chl...	5.058	6.165	20173647	380.0E6	10.346	11.878
11)	B alpha-Chl...	5.115	6.238	20287624	360.6E6	10.511	11.488
12)	B 4,4'-DDE	5.284	6.395	18104204	344.1E6	9.709	11.271
13)	MA Dieldrin	5.398	6.547	19385758	344.9E6	10.026	11.530
14)	MA Endrin	5.646	6.767	17099956	276.7E6	9.287	11.043
15)	B Endosulfa...	5.915	6.977	17149697	289.7E6	9.991	11.626
16)	A 4,4'-DDD	5.785	6.888	15605572	281.2E6	10.210	11.758
17)	MA 4,4'-DDT	6.017	7.189	11842866	172.0E6	8.232	9.230
18)	B Endrin al...	6.082	7.101	15267217	244.7E6	10.649	11.886
19)	B Endosulfa...	6.290	7.326	17437540	274.2E6	11.372	12.464
20)	A Methoxychlor	6.562	7.648	8646620	113.2E6	10.235	11.317
21)	B Endrin ke...	6.765	7.800	19469446	249.2E6	10.705	12.162
22)	Mirex	6.933	8.258	14256990	165.4E6	11.638	12.823

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041619\
Data File : PD052958.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Apr 2019 15:37
Operator : AJ\SJ
Sample : K2241-08
Misc : LOQ 10 PPB
ALS Vial : 22 Sample Multiplier: 1

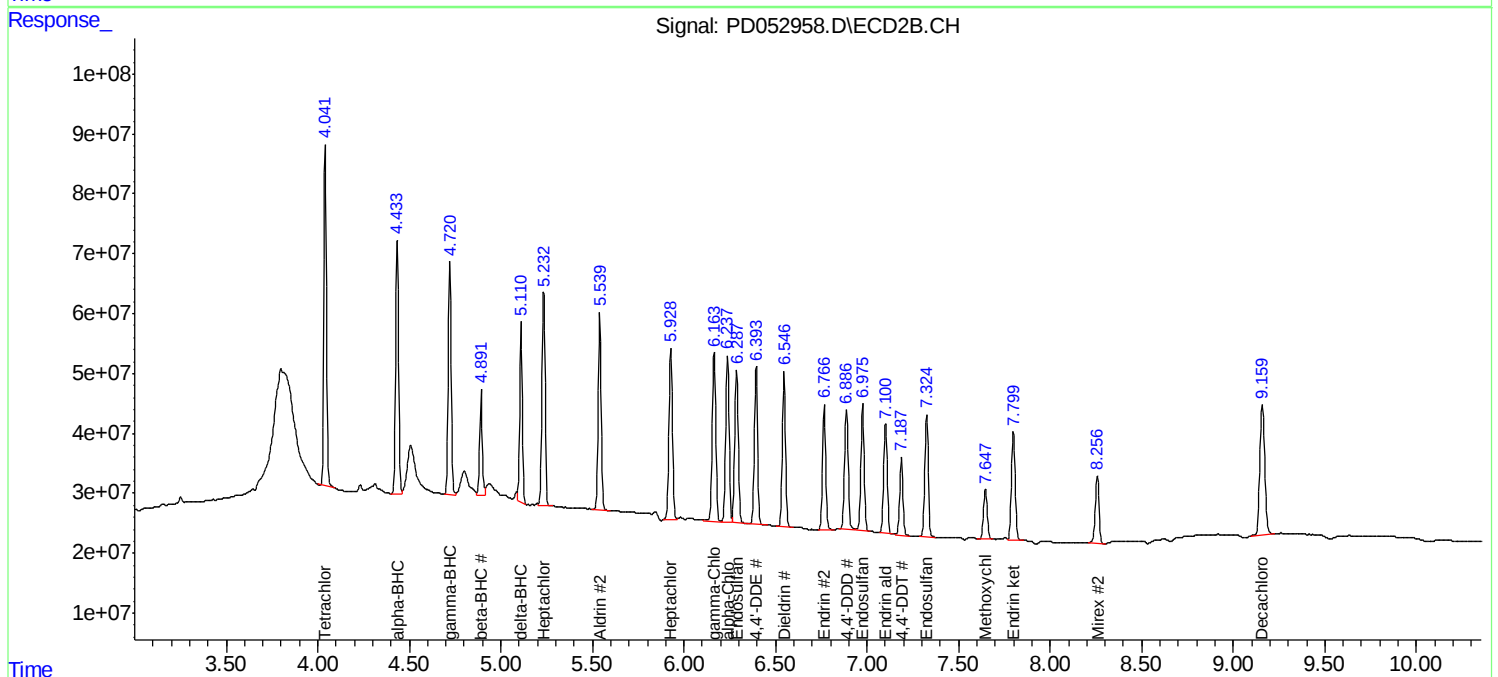
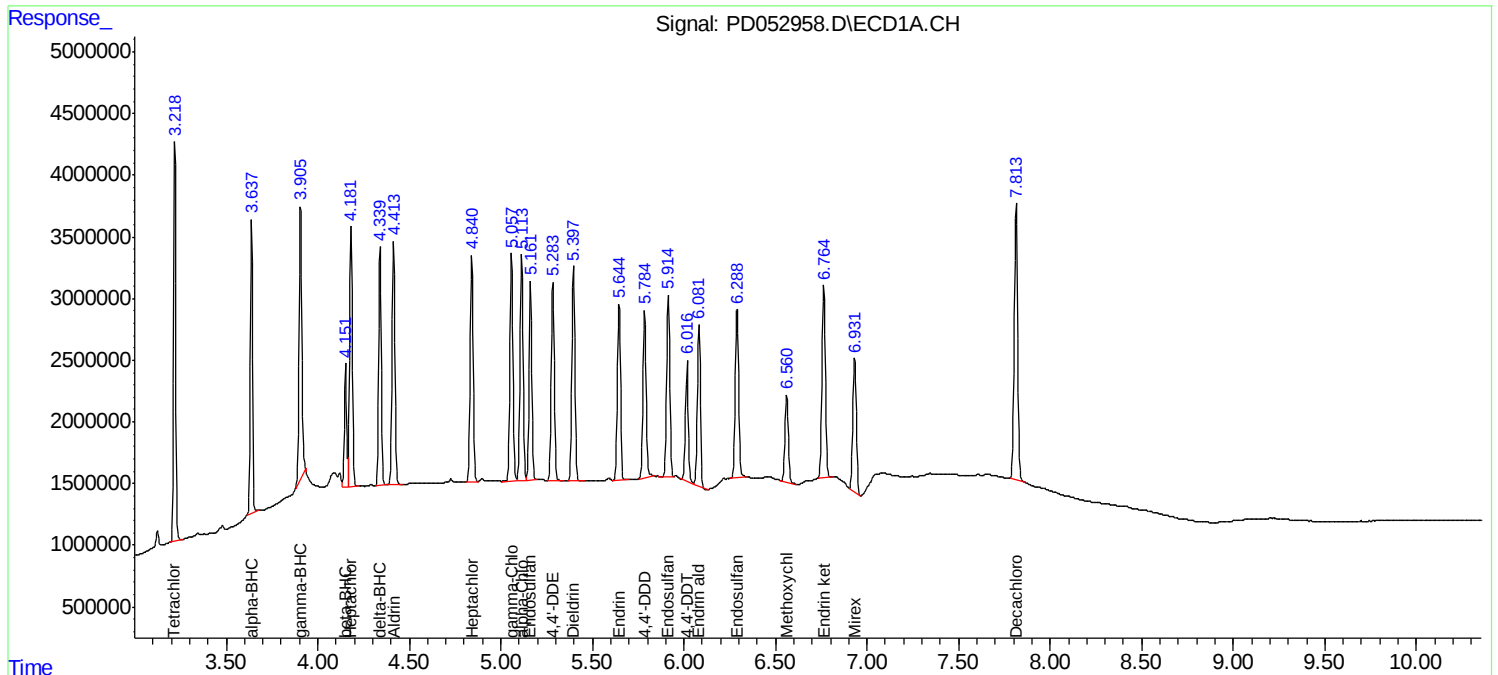
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2019

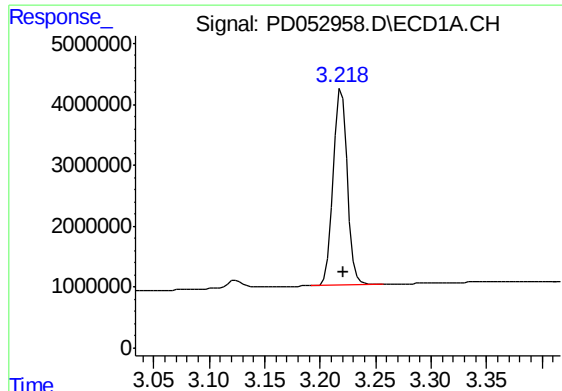
Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:34 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 02:19:22 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





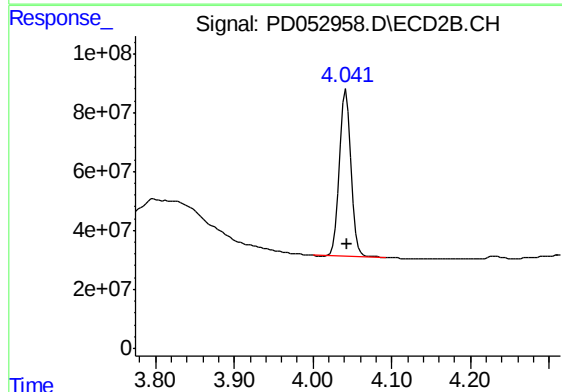
#1 Tetrachloro-m-xylene

R.T.: 3.219 min
Delta R.T.: -0.002 min
Response: 28718203
Conc: 20.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2019

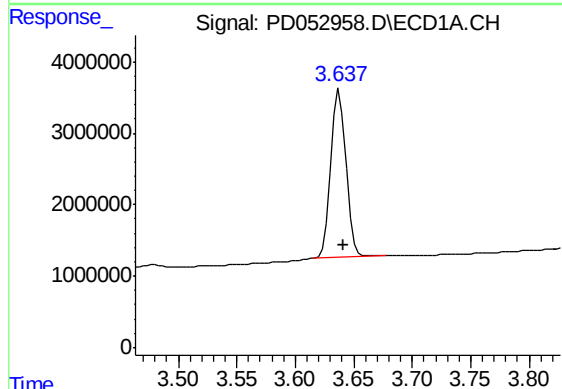
Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:34 PM



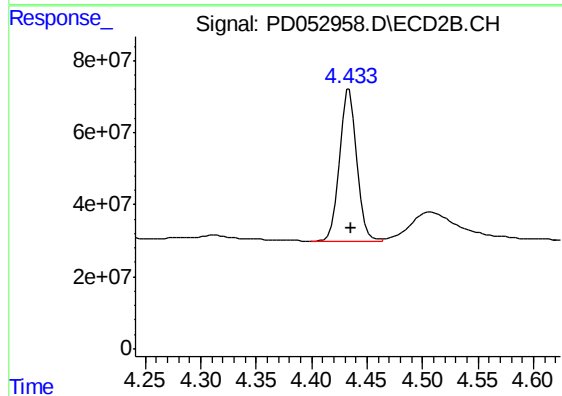
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: -0.001 min
Response: 593868338
Conc: 20.49 ng/ml



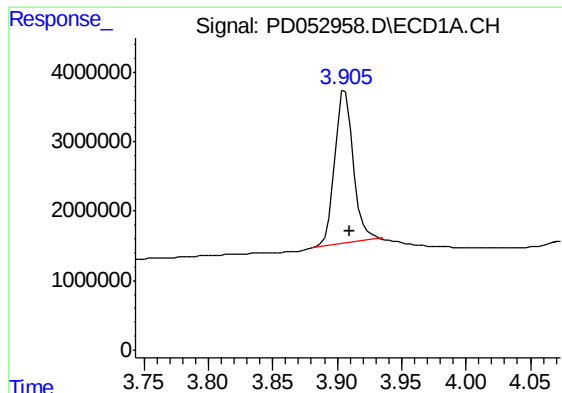
#2 alpha-BHC

R.T.: 3.638 min
Delta R.T.: -0.003 min
Response: 20736585
Conc: 9.12 ng/ml



#2 alpha-BHC

R.T.: 4.434 min
Delta R.T.: -0.002 min
Response: 465536613
Conc: 10.34 ng/ml



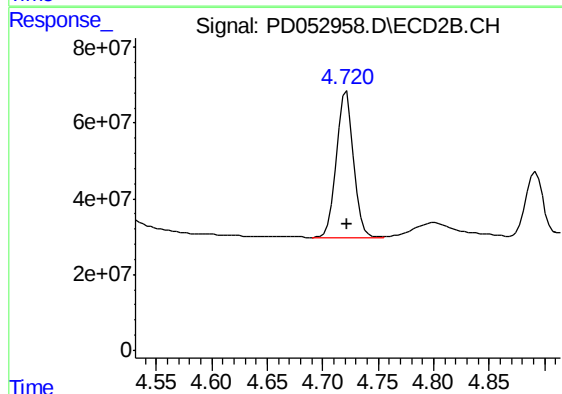
#3 gamma-BHC (Lindane)

R.T.: 3.905 min
Delta R.T.: -0.005 min
Response: 22088856
Conc: 10.10 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2019

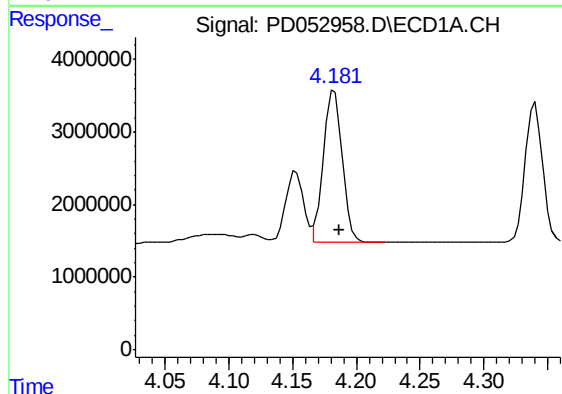
Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:34 PM



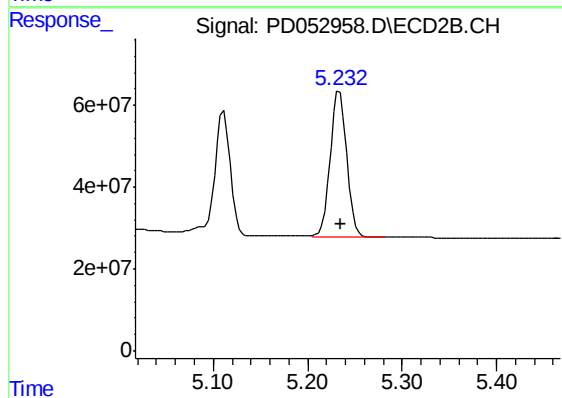
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 425039799
Conc: 10.57 ng/ml



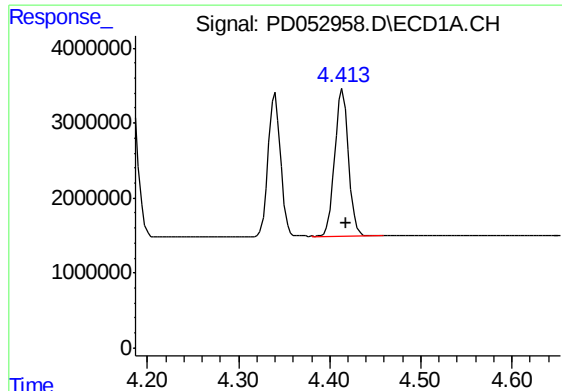
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: -0.004 min
Response: 21681386
Conc: 10.21 ng/ml



#4 Heptachlor

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 432874337
Conc: 10.91 ng/ml



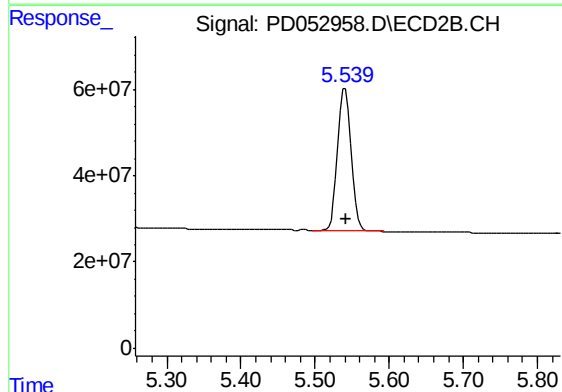
#5 Aldrin

R.T.: 4.414 min
Delta R.T.: -0.004 min
Response: 20732507
Conc: 10.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2019

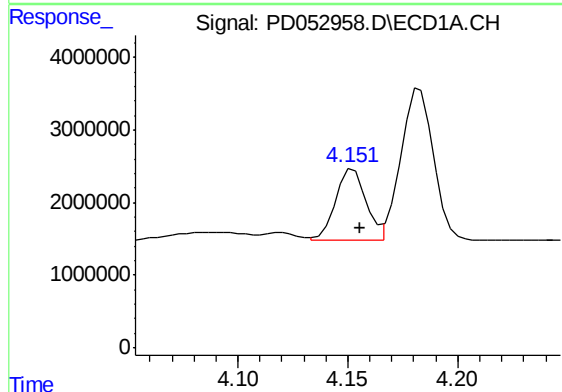
Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:34 PM



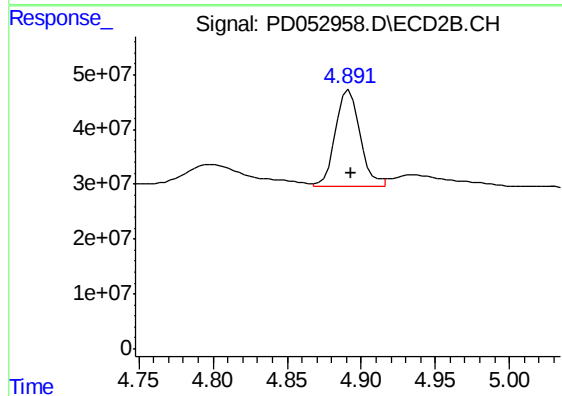
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: -0.002 min
Response: 415717349
Conc: 11.23 ng/ml



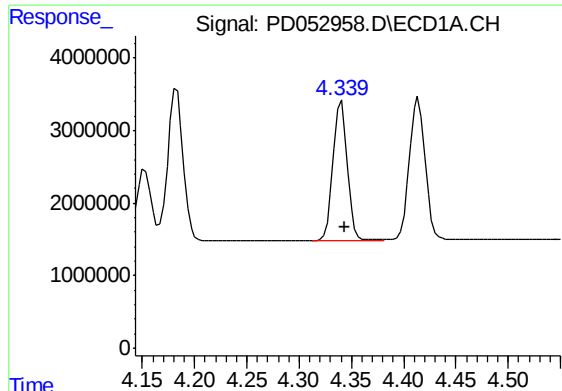
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: -0.003 min
Response: 9573000
Conc: 10.85 ng/ml



#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 199208021
Conc: 11.01 ng/ml



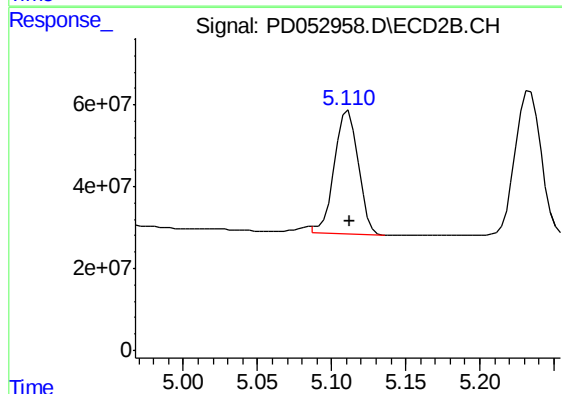
#7 delta-BHC

R.T.: 4.341 min
Delta R.T.: -0.003 min
Response: 18324639
Conc: 8.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2019

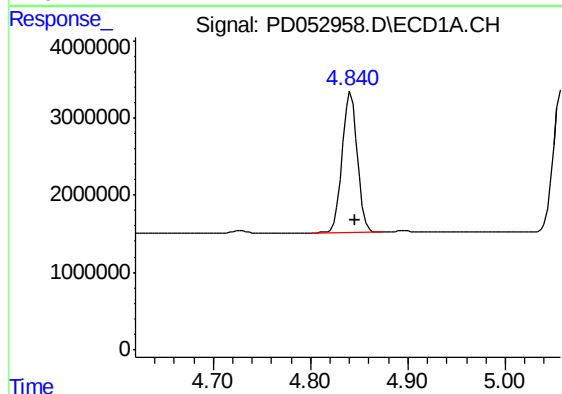
Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:34 PM



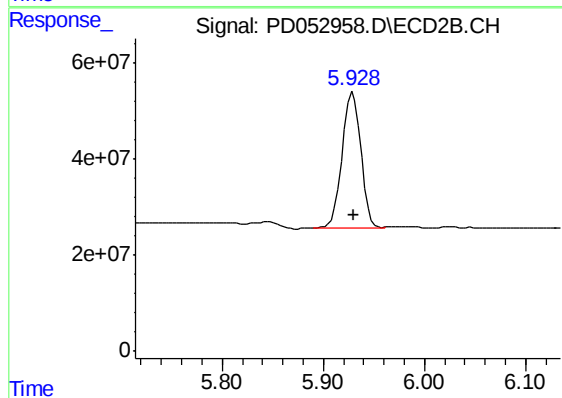
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: -0.002 min
Response: 335802754
Conc: 10.20 ng/ml m



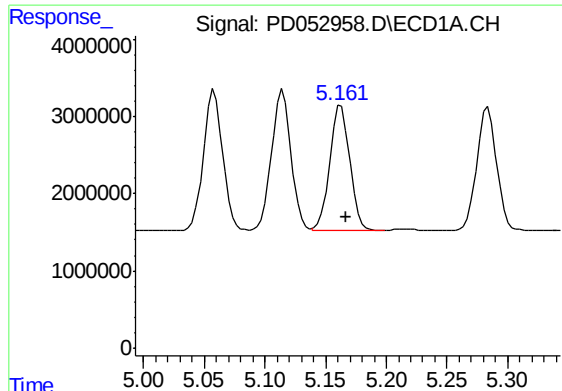
#8 Heptachlor epoxide

R.T.: 4.842 min
Delta R.T.: -0.004 min
Response: 19940302
Conc: 10.49 ng/ml



#8 Heptachlor epoxide

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 363824332
Conc: 11.27 ng/ml



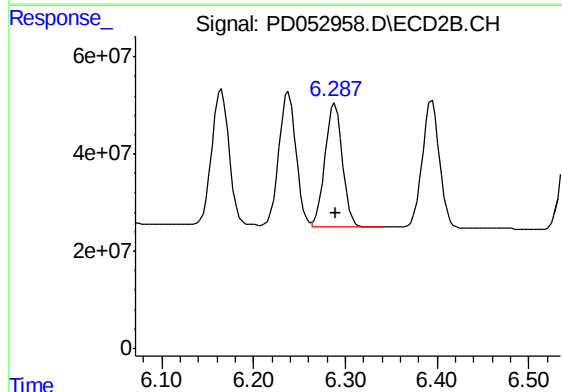
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 18529866
Conc: 10.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2019

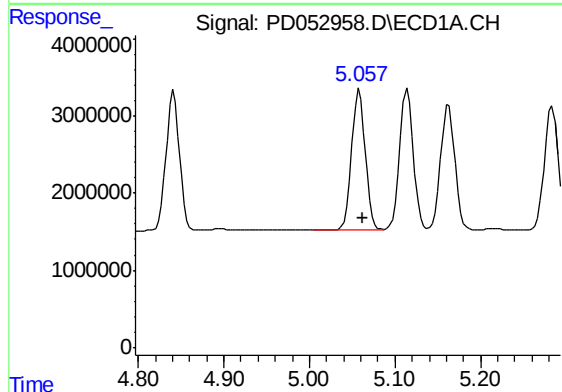
Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:34 PM



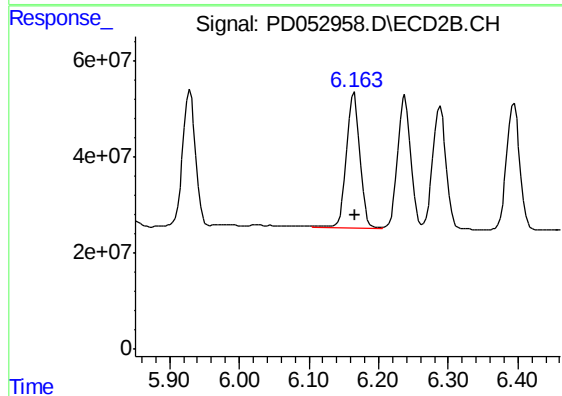
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 337879569
Conc: 11.57 ng/ml



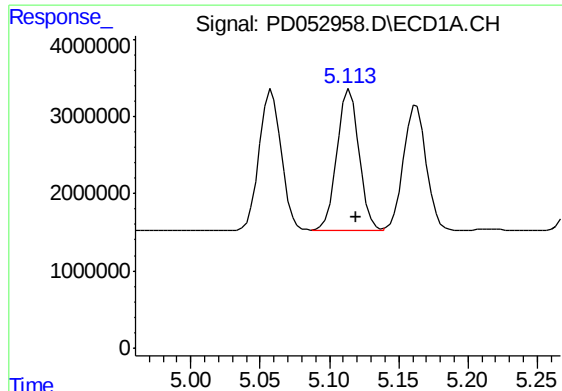
#10 gamma-Chlordane

R.T.: 5.058 min
Delta R.T.: -0.004 min
Response: 20173647
Conc: 10.35 ng/ml



#10 gamma-Chlordane

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 380031071
Conc: 11.88 ng/ml



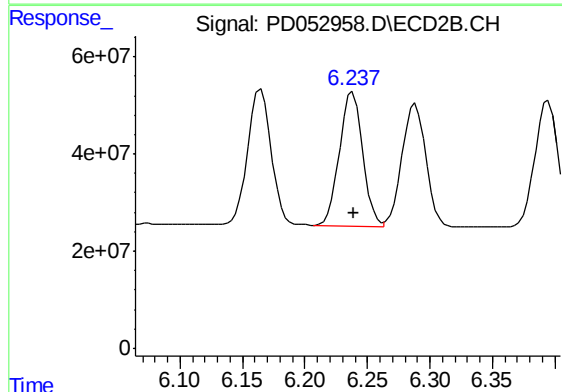
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 20287624
Conc: 10.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2019

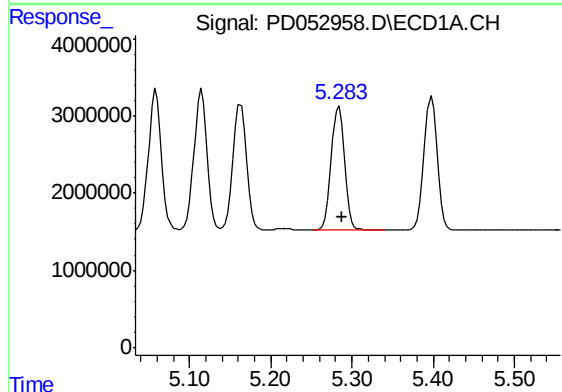
Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:34 PM



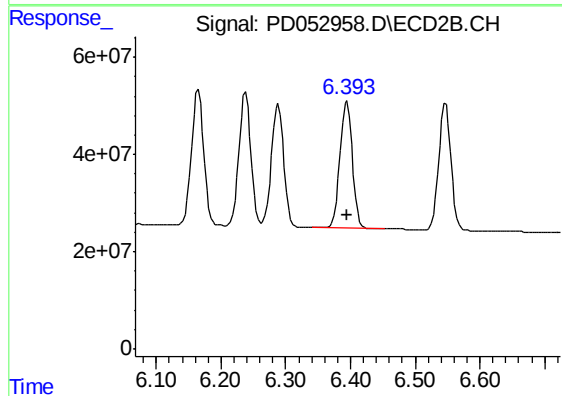
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 360603499
Conc: 11.49 ng/ml



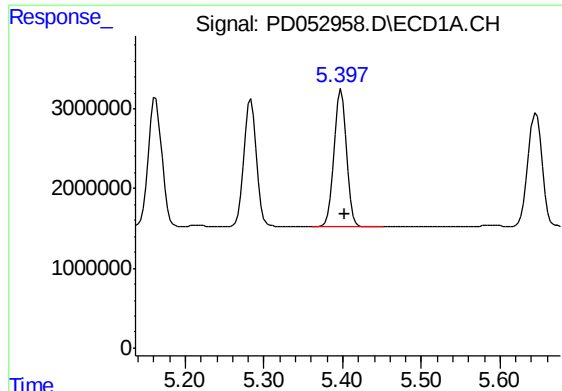
#12 4,4'-DDE

R.T.: 5.284 min
Delta R.T.: -0.004 min
Response: 18104204
Conc: 9.71 ng/ml



#12 4,4'-DDE

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 344099365
Conc: 11.27 ng/ml



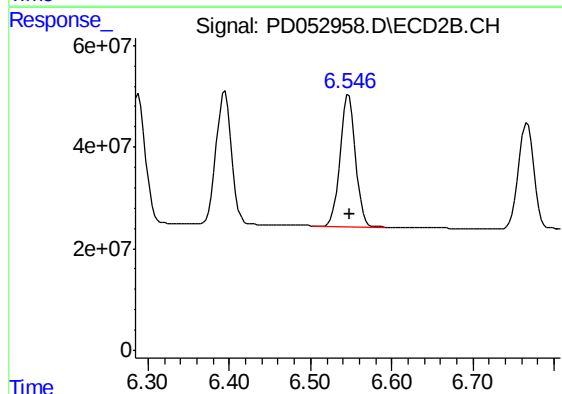
#13 Dieldrin

R.T.: 5.398 min
Delta R.T.: -0.004 min
Response: 19385758
Conc: 10.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2019

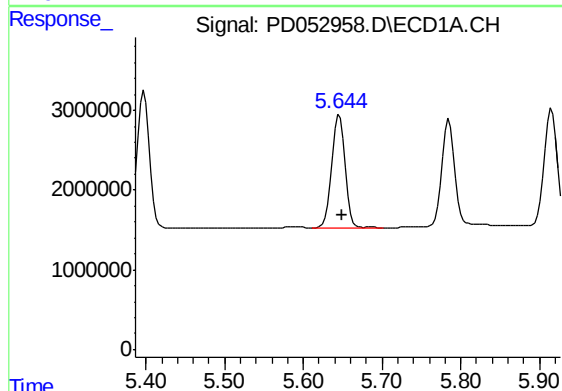
Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:34 PM



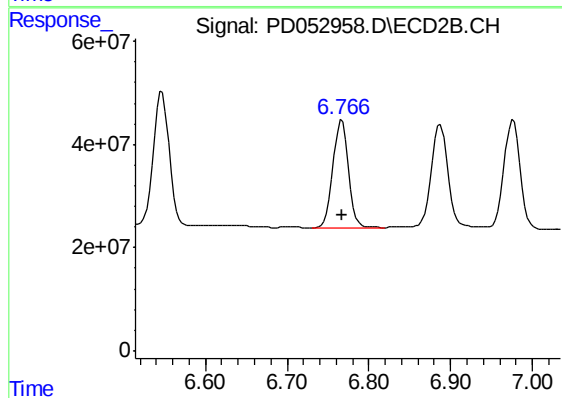
#13 Dieldrin

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 344889053
Conc: 11.53 ng/ml



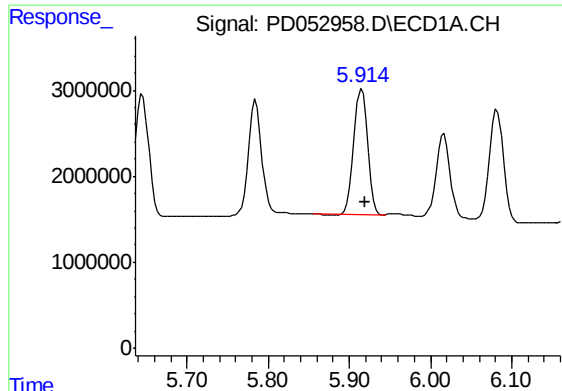
#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.004 min
Response: 17099956
Conc: 9.29 ng/ml



#14 Endrin

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 276725472
Conc: 11.04 ng/ml



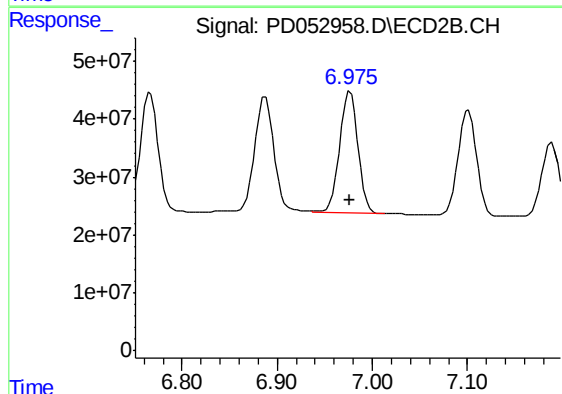
#15 Endosulfan II

R.T.: 5.915 min
Delta R.T.: -0.004 min
Response: 17149697
Conc: 9.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2019

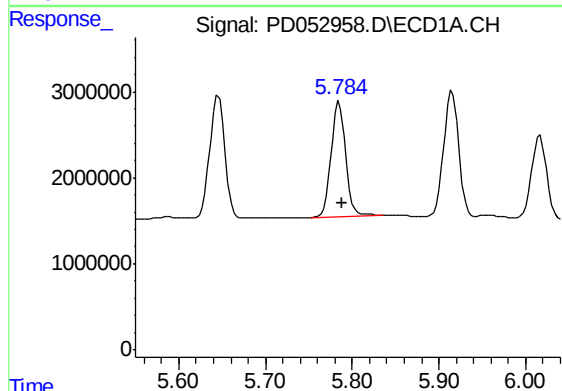
Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:34 PM



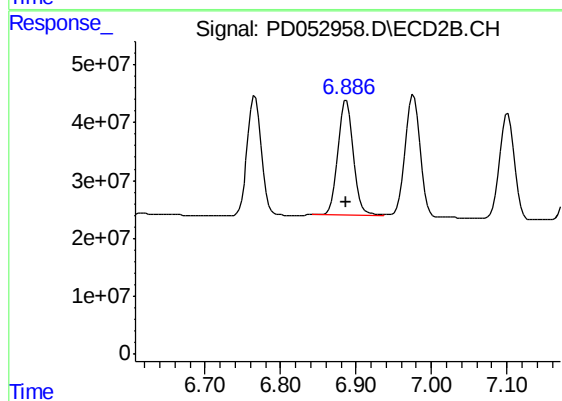
#15 Endosulfan II

R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 289686401
Conc: 11.63 ng/ml



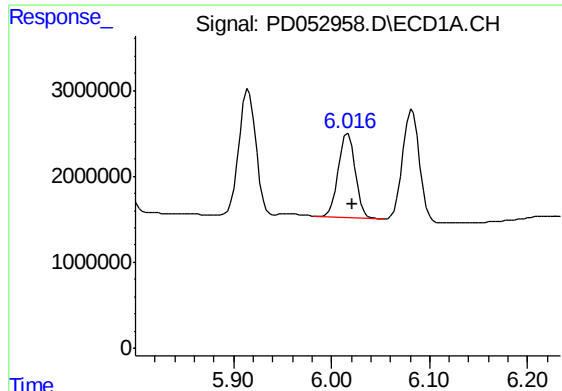
#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.004 min
Response: 15605572
Conc: 10.21 ng/ml



#16 4,4'-DDD

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 281204881
Conc: 11.76 ng/ml



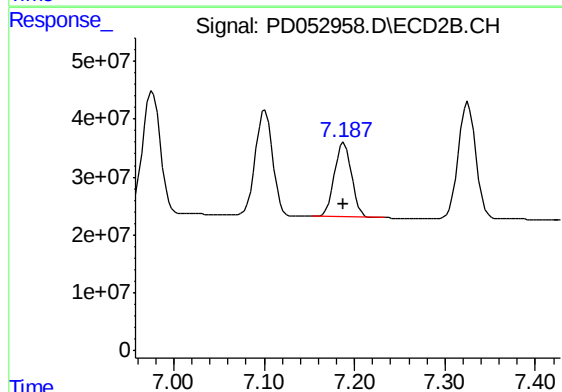
#17 4,4'-DDT

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 11842866
Conc: 8.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2019

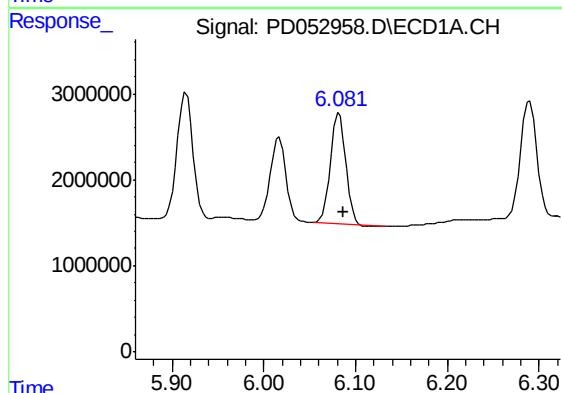
Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:34 PM



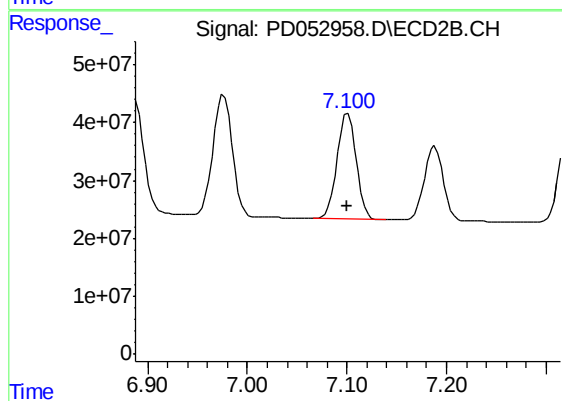
#17 4,4'-DDT

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 171989079
Conc: 9.23 ng/ml



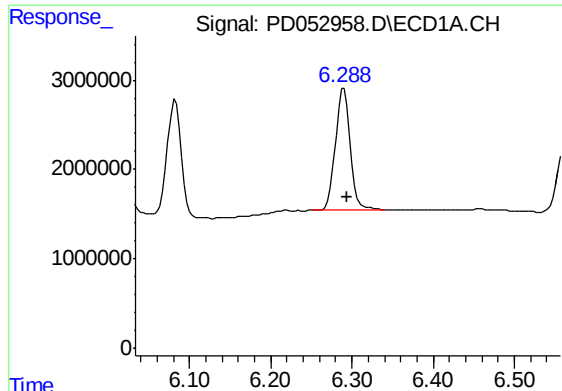
#18 Endrin aldehyde

R.T.: 6.082 min
Delta R.T.: -0.004 min
Response: 15267217
Conc: 10.65 ng/ml



#18 Endrin aldehyde

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 244680130
Conc: 11.89 ng/ml



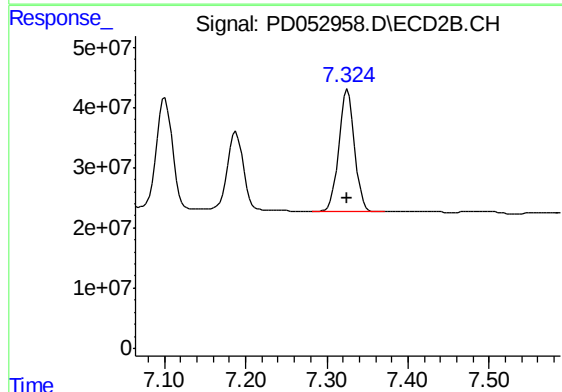
#19 Endosulfan Sulfate

R.T.: 6.290 min
Delta R.T.: -0.005 min
Response: 17437540
Conc: 11.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2019

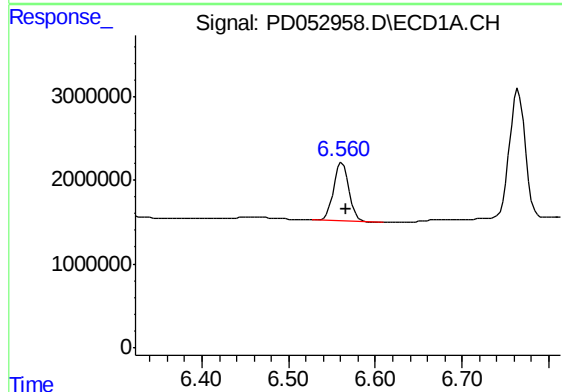
Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:34 PM



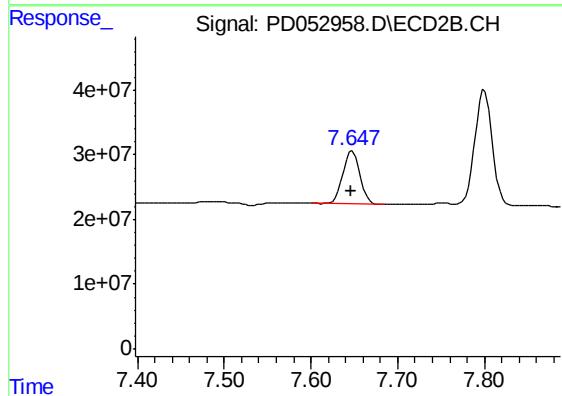
#19 Endosulfan Sulfate

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 274197018
Conc: 12.46 ng/ml



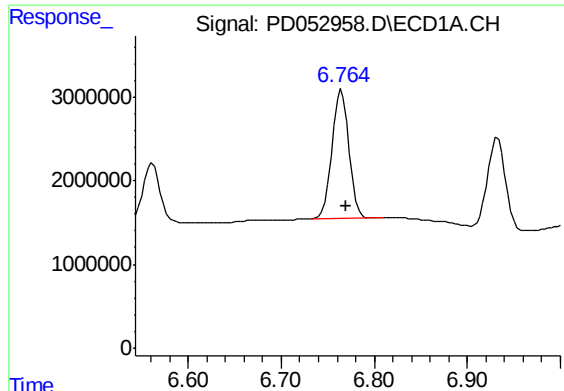
#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: -0.005 min
Response: 8646620
Conc: 10.23 ng/ml



#20 Methoxychlor

R.T.: 7.648 min
Delta R.T.: 0.002 min
Response: 113207185
Conc: 11.32 ng/ml



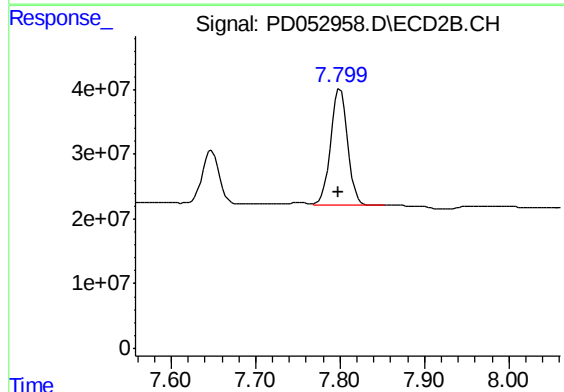
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.005 min
Response: 19469446
Conc: 10.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2019

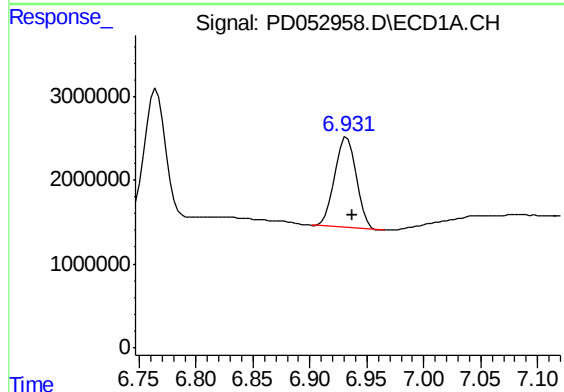
Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:34 PM



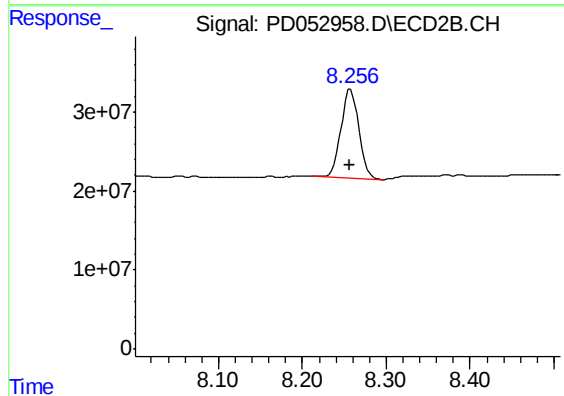
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.002 min
Response: 249191005
Conc: 12.16 ng/ml



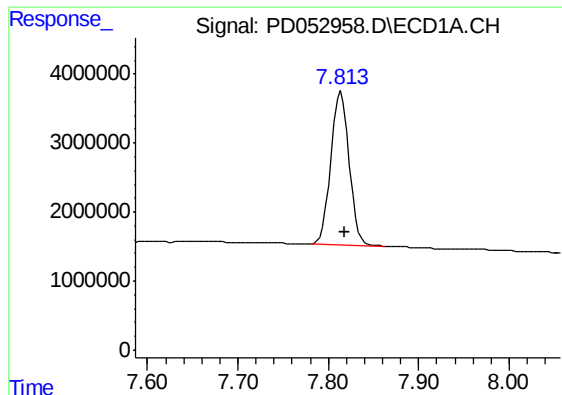
#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.005 min
Response: 14256990
Conc: 11.64 ng/ml



#22 Mirex

R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 165362920
Conc: 12.82 ng/ml



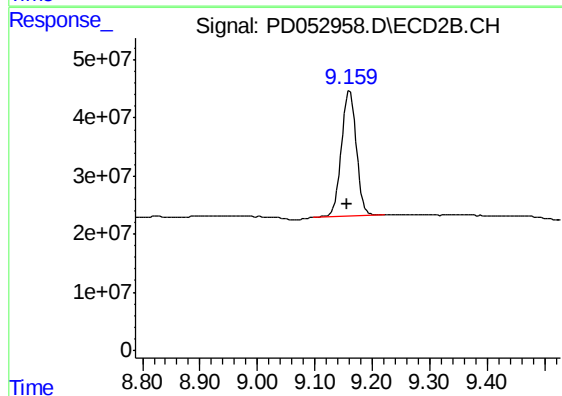
#28 Decachlorobiphenyl

R.T.: 7.814 min
Delta R.T.: -0.004 min
Response: 31054649
Conc: 23.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT2-2019

Manual Integrations
APPROVED

Sohil
4/17/2019 4:54:34 PM



#28 Decachlorobiphenyl

R.T.: 9.160 min
Delta R.T.: 0.004 min
Response: 394838431
Conc: 25.39 ng/ml