

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
 Data File : PD056996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2020 10:18
 Operator : AJ\MA
 Sample : L1161-07
 Misc : LOD 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Manual Integrations
 APPROVED

mohammad
 1/21/2020 2:56:54 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:09:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 20 05:43:46 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.286	3.959	15990876	31564838	19.363	19.290
28)	SA Decachlor...	7.958	8.995	19208941	31981548	19.820	19.188
Target Compounds							
2)	A alpha-BHC	3.713	4.346	1324978	2089359	1.014	0.826
3)	MA gamma-BHC...	3.987	4.629	1094227	1704715	0.820m	0.698
4)	MA Heptachlor	4.273	5.134	949829	2139399	0.814	0.894
5)	MB Aldrin	4.511	5.437	1002430	2071960	0.862m	0.914m
6)	B beta-BHC	4.237	4.798	444281	783739	0.860m	0.745
7)	B delta-BHC	4.433	5.011	981874	676634	0.788	0.303m#
8)	B Heptachlo...	4.948	5.820	1003589	2029451	0.935	0.935
9)	A Endosulfan I	5.277	6.175	890077	2020604	0.906m	0.996m
10)	B gamma-Chl...	5.170	6.054	1062745	1939364	0.978	0.871m
11)	B alpha-Chl...	5.227	6.126	1003639	2006299	0.927	0.901m
12)	B 4,4'-DDE	5.396	6.284	839566	1655687	0.889	0.829
13)	MA Dieldrin	5.519	6.432	889730	1895637	0.835	0.885
14)	MA Endrin	5.772	6.649	829200	1467614	0.933	0.853
15)	B Endosulfa...	6.043	6.858	807788	1954811	0.833m	1.024
16)	A 4,4'-DDD	5.905	6.772	672857	1397608	0.802m	0.831
17)	MA 4,4'-DDT	6.141	7.070	274755	1056343	0.382m	0.686 #
18)	B Endrin al...	6.212	6.981	990545	1603599	1.171m	0.972
19)	B Endosulfa...	6.424	7.205	868107	1753447	0.947	0.957
20)	A Methoxychlor	6.689	7.526	484519	677008	1.235	0.767m#
21)	B Endrin ke...	6.906	7.673	817739	1726393	0.744	0.840
22)	Mirex	7.081	8.126	983312	1693364	1.170m	1.156

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
Data File : PD056996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2020 10:18
Operator : AJ\MA
Sample : L1161-07
Misc : LOD 1 PPB
ALS Vial : 10 Sample Multiplier: 1

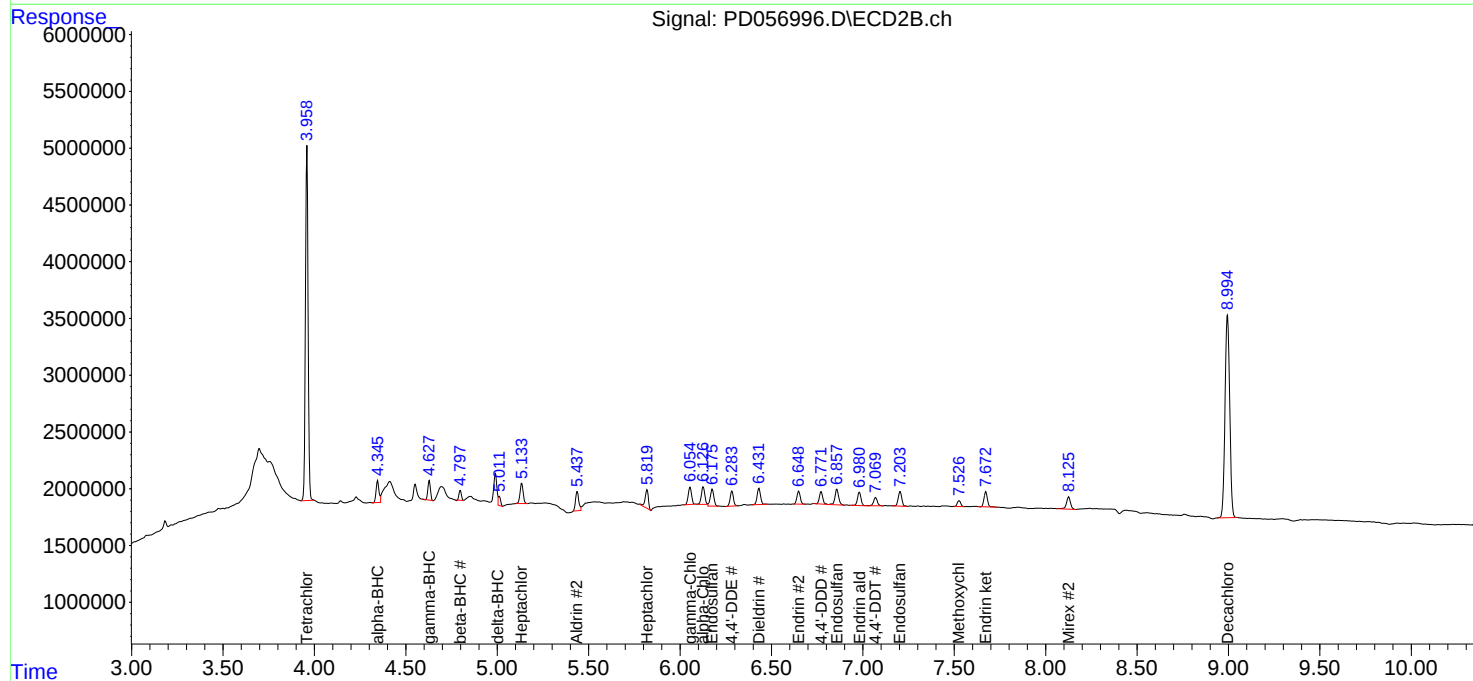
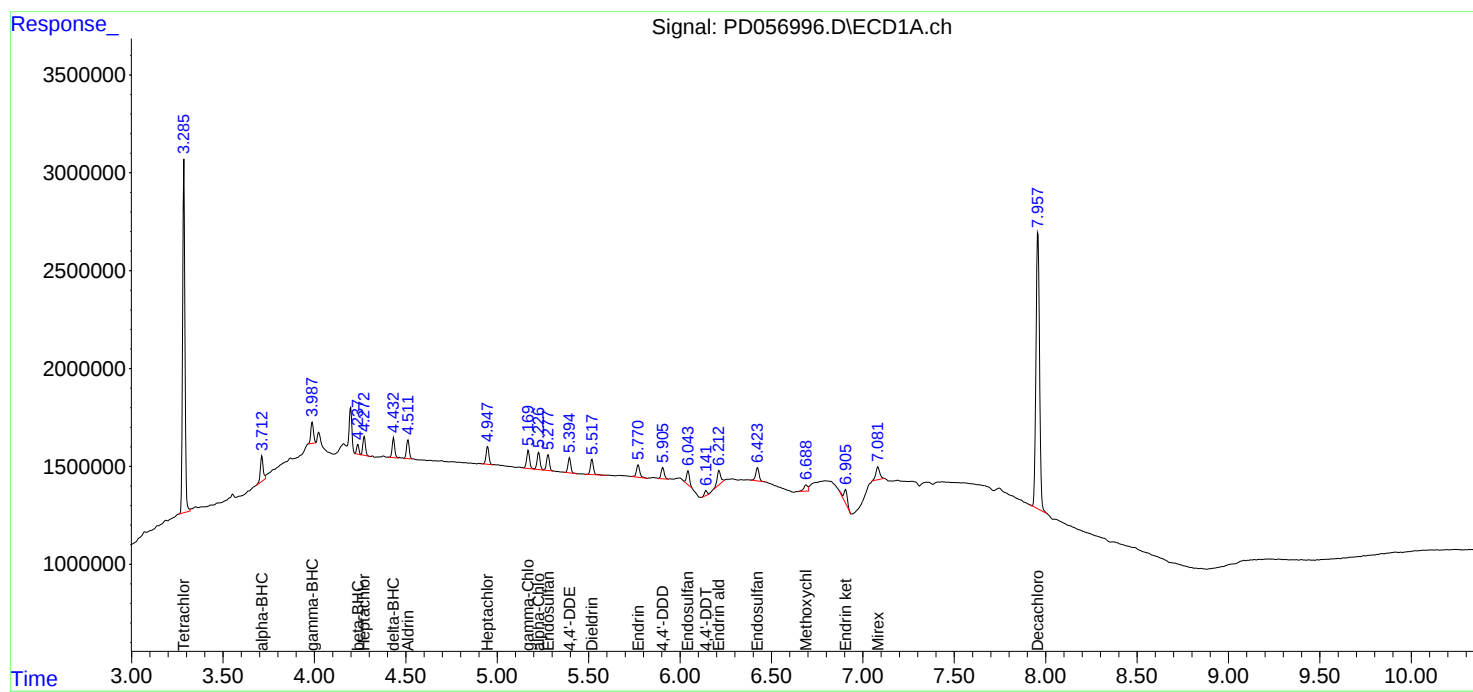
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

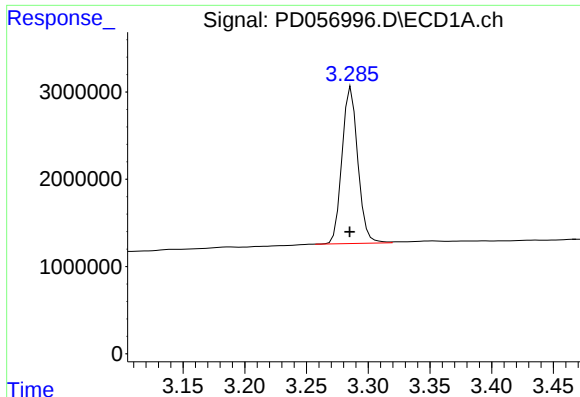
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:54 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 04:09:07 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
Quant Title : GC Extractables
QLast Update : Mon Jan 20 05:43:46 2020
Response via : Initial Calibration
Integrator: ChemStation

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





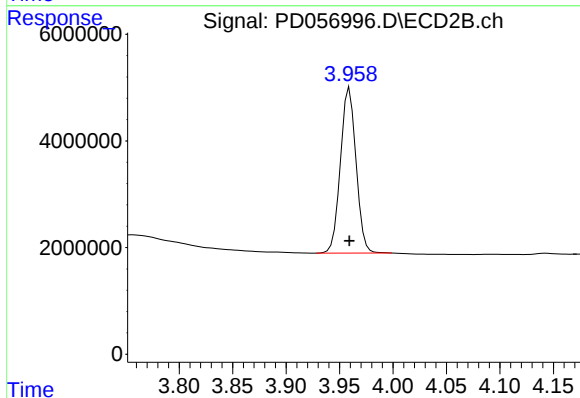
#1 Tetrachloro-m-xylene

R.T.: 3.286 min
Delta R.T.: 0.001 min
Response: 15990876
Conc: 19.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

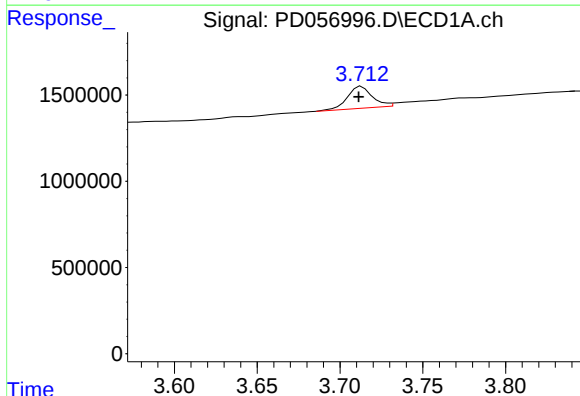
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:54 PM



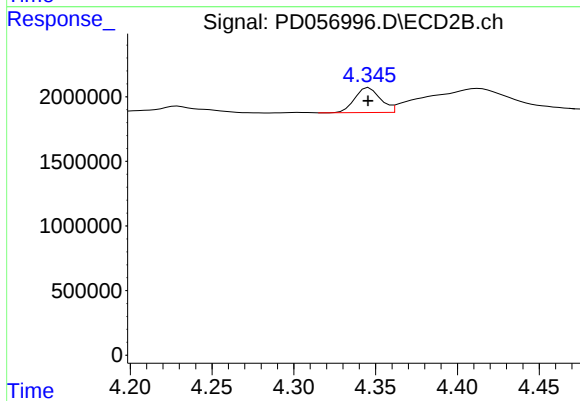
#1 Tetrachloro-m-xylene

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 31564838
Conc: 19.29 ng/ml



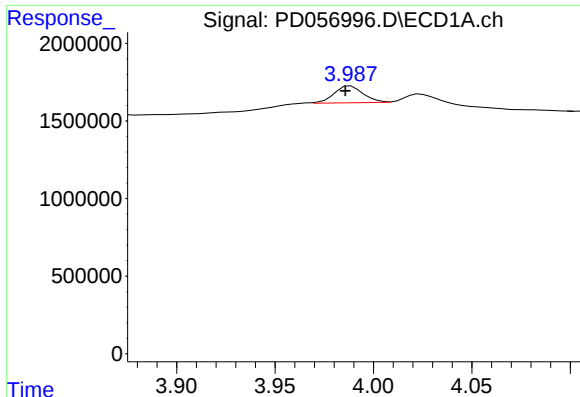
#2 alpha-BHC

R.T.: 3.713 min
Delta R.T.: 0.002 min
Response: 1324978
Conc: 1.01 ng/ml



#2 alpha-BHC

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 2089359
Conc: 0.83 ng/ml



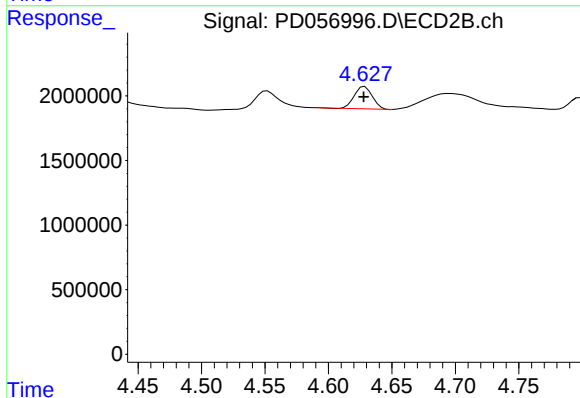
#3 gamma-BHC (Lindane)

R.T.: 3.987 min
Delta R.T.: 0.001 min
Response: 1094227
Conc: 0.82 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

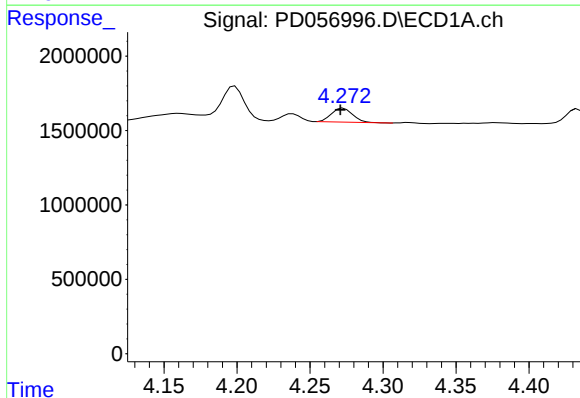
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:54 PM



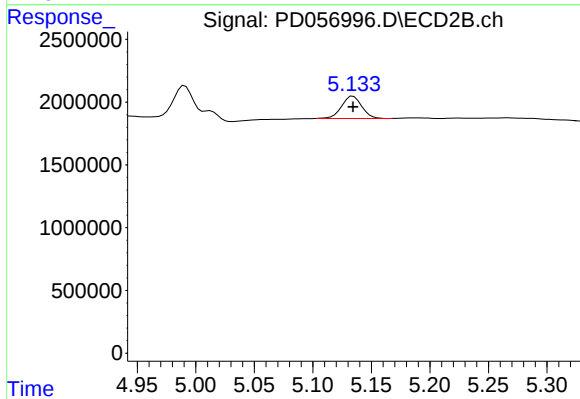
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 1704715
Conc: 0.70 ng/ml



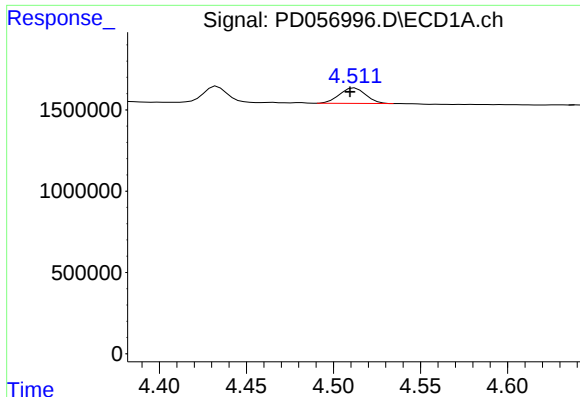
#4 Heptachlor

R.T.: 4.273 min
Delta R.T.: 0.002 min
Response: 949829
Conc: 0.81 ng/ml



#4 Heptachlor

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 2139399
Conc: 0.89 ng/ml



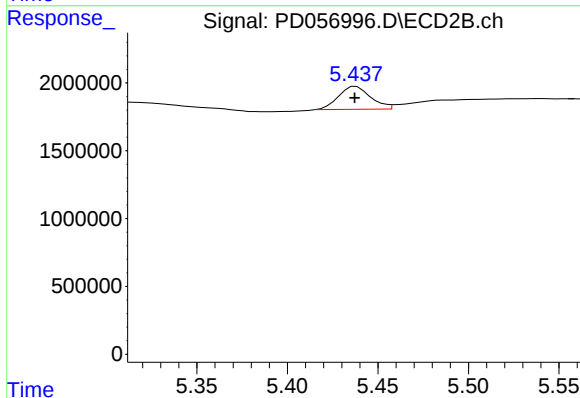
#5 Aldrin

R.T.: 4.511 min
Delta R.T.: 0.001 min
Response: 1002430
Conc: 0.86 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

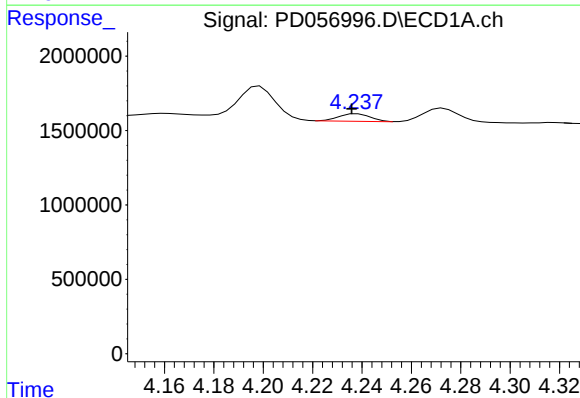
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:54 PM



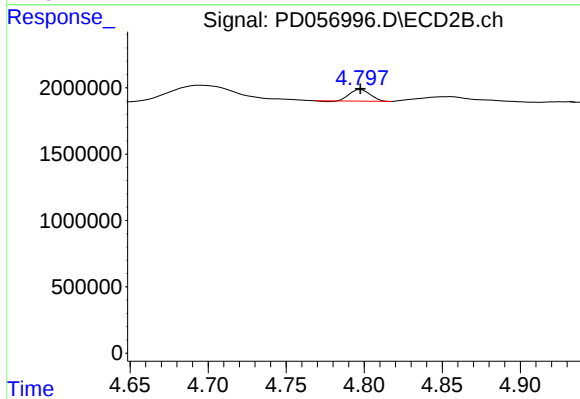
#5 Aldrin

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 2071960
Conc: 0.91 ng/ml m



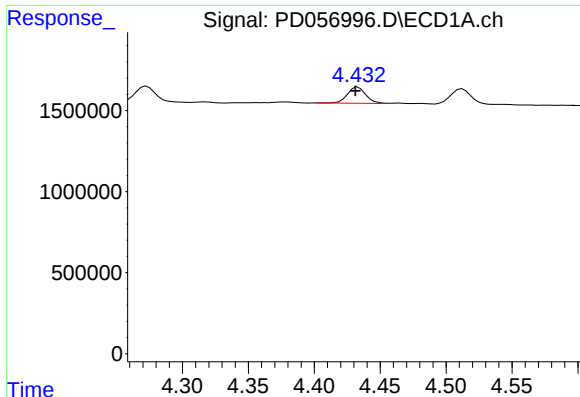
#6 beta-BHC

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 444281
Conc: 0.86 ng/ml m



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 783739
Conc: 0.74 ng/ml



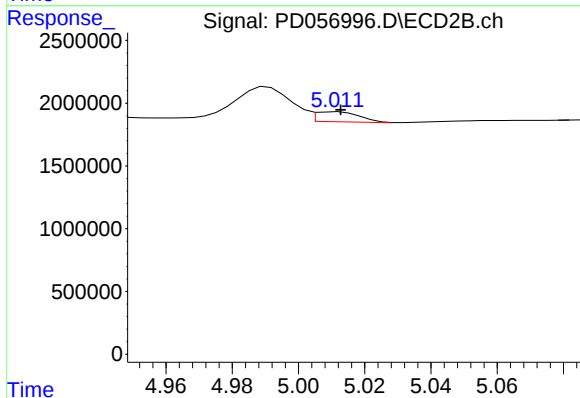
#7 delta-BHC

R.T.: 4.433 min
Delta R.T.: 0.002 min
Response: 981874
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

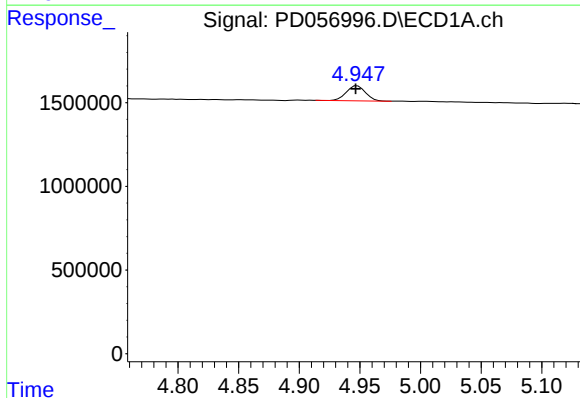
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:54 PM



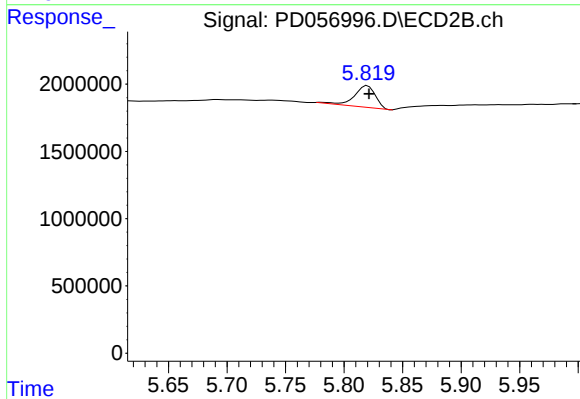
#7 delta-BHC

R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 676634
Conc: 0.30 ng/ml m



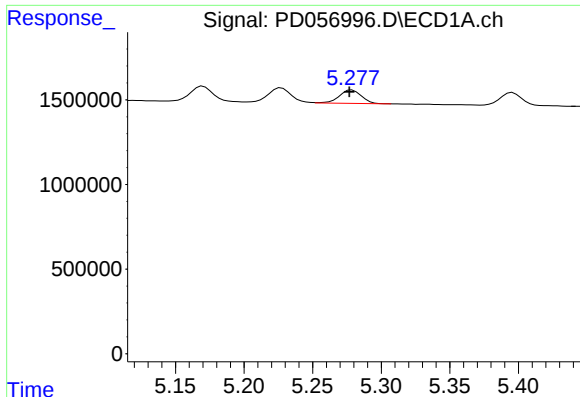
#8 Heptachlor epoxide

R.T.: 4.948 min
Delta R.T.: 0.001 min
Response: 1003589
Conc: 0.93 ng/ml



#8 Heptachlor epoxide

R.T.: 5.820 min
Delta R.T.: -0.001 min
Response: 2029451
Conc: 0.93 ng/ml



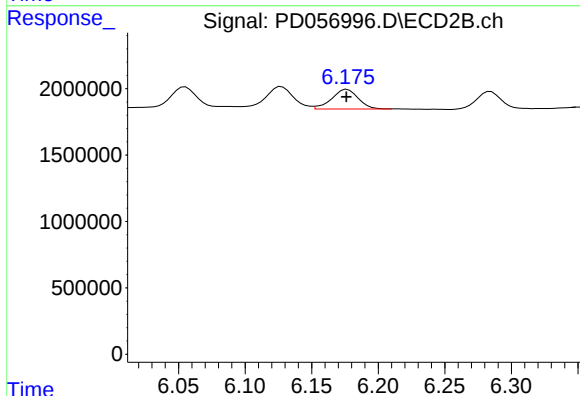
#9 Endosulfan I

R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 890077
Conc: 0.91 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

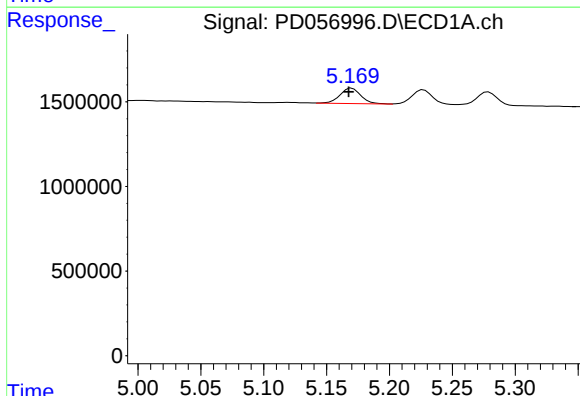
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:54 PM



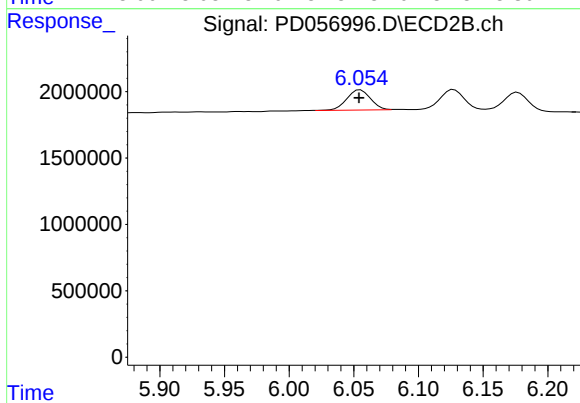
#9 Endosulfan I

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 2020604
Conc: 1.00 ng/ml m



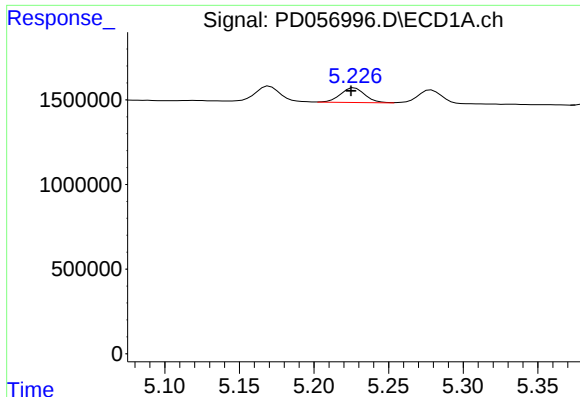
#10 gamma-Chlordane

R.T.: 5.170 min
Delta R.T.: 0.002 min
Response: 1062745
Conc: 0.98 ng/ml



#10 gamma-Chlordane

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 1939364
Conc: 0.87 ng/ml m



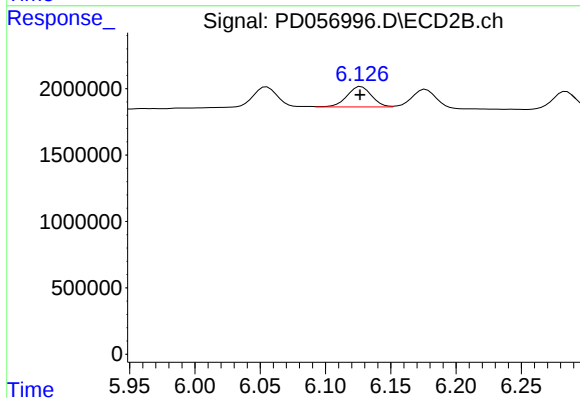
#11 alpha-Chlordane

R.T.: 5.227 min
Delta R.T.: 0.002 min
Response: 1003639
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

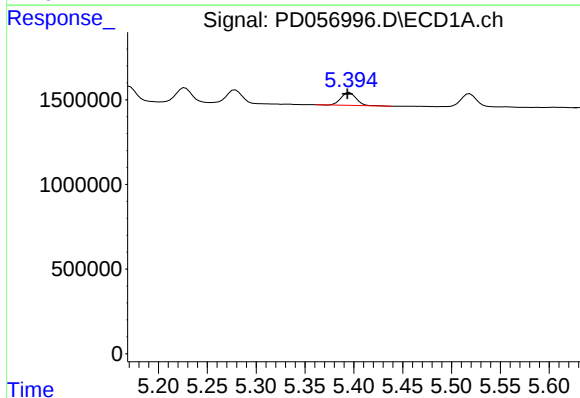
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:54 PM



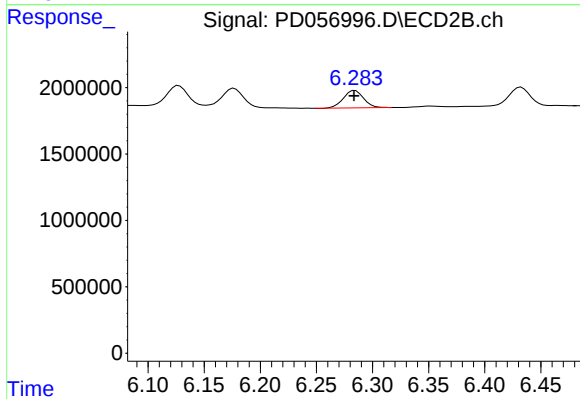
#11 alpha-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 2006299
Conc: 0.90 ng/ml m



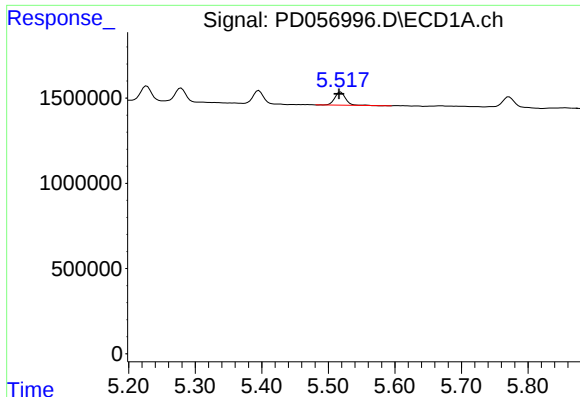
#12 4,4'-DDE

R.T.: 5.396 min
Delta R.T.: 0.002 min
Response: 839566
Conc: 0.89 ng/ml



#12 4,4'-DDE

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 1655687
Conc: 0.83 ng/ml



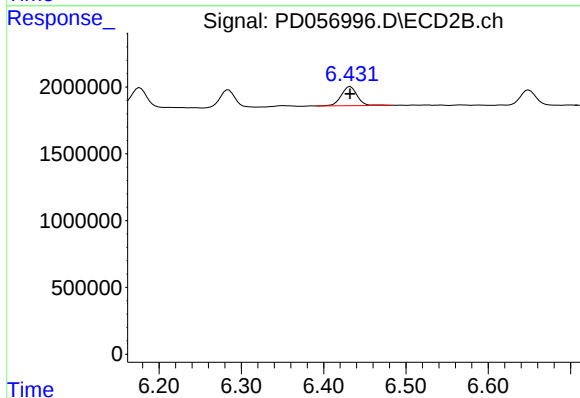
#13 Dieldrin

R.T.: 5.519 min
Delta R.T.: 0.003 min
Response: 889730
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

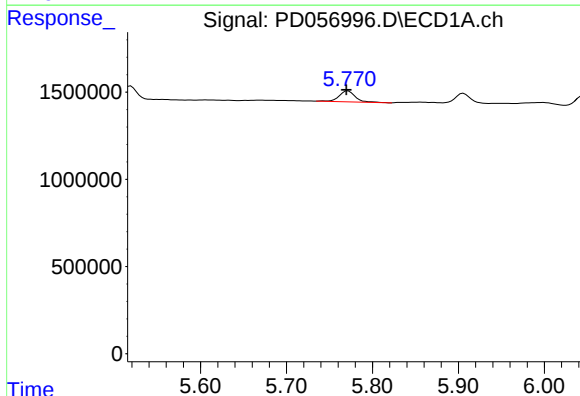
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:54 PM



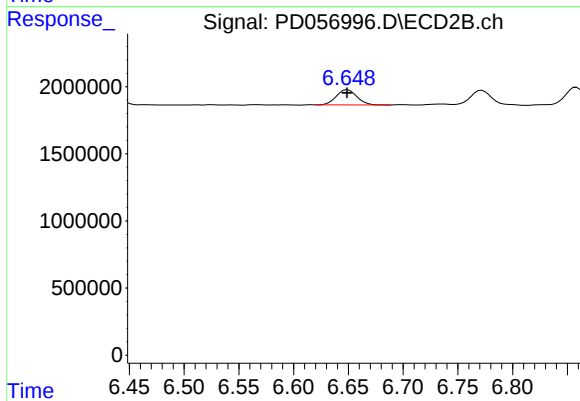
#13 Dieldrin

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 1895637
Conc: 0.89 ng/ml



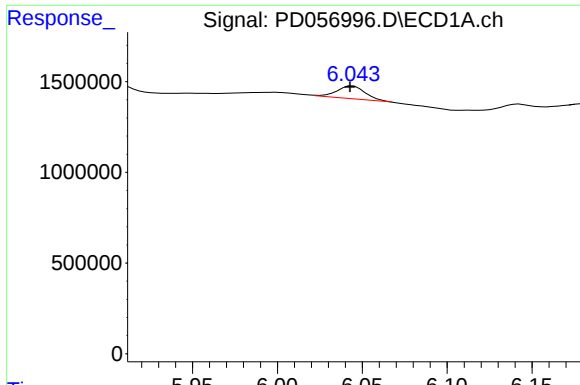
#14 Endrin

R.T.: 5.772 min
Delta R.T.: 0.002 min
Response: 829200
Conc: 0.93 ng/ml



#14 Endrin

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 1467614
Conc: 0.85 ng/ml



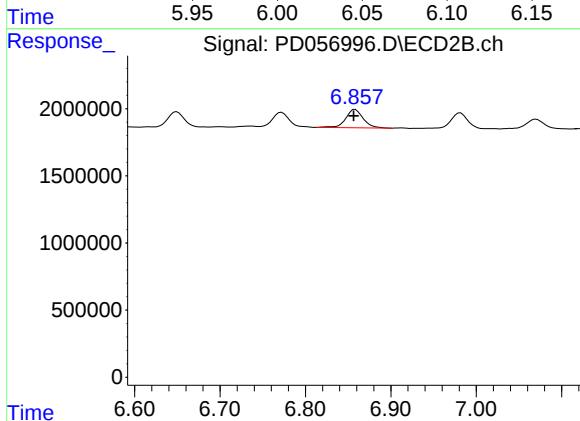
#15 Endosulfan II

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 807788
Conc: 0.83 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

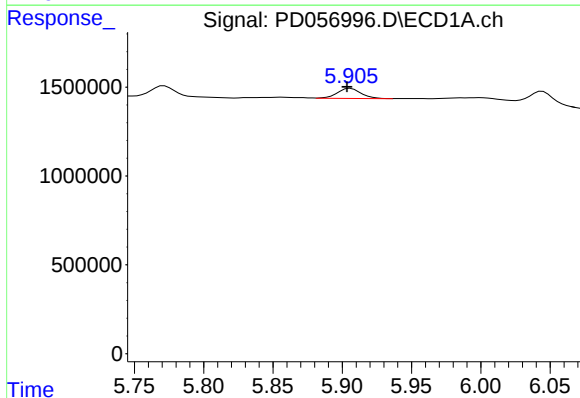
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:54 PM



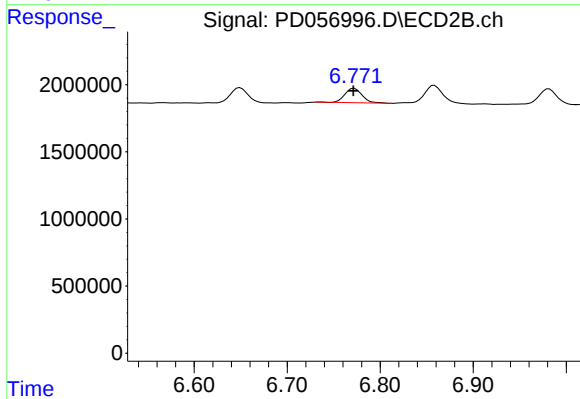
#15 Endosulfan II

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 1954811
Conc: 1.02 ng/ml



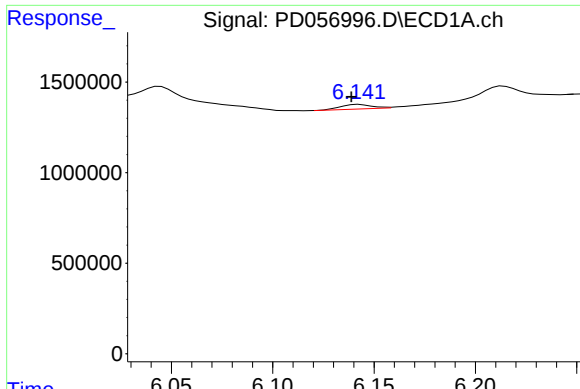
#16 4,4'-DDD

R.T.: 5.905 min
Delta R.T.: 0.001 min
Response: 672857
Conc: 0.80 ng/ml m



#16 4,4'-DDD

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 1397608
Conc: 0.83 ng/ml



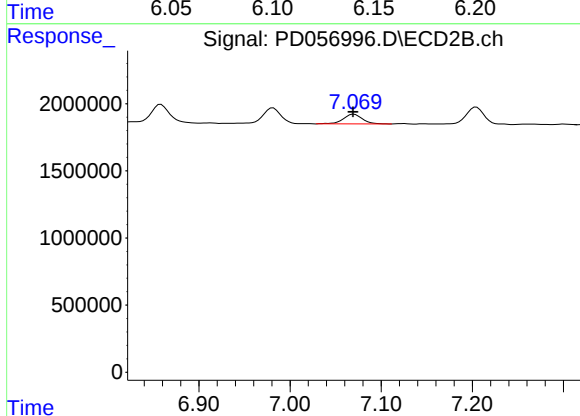
#17 4,4'-DDT

R.T.: 6.141 min
Delta R.T.: 0.002 min
Response: 274755
Conc: 0.38 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

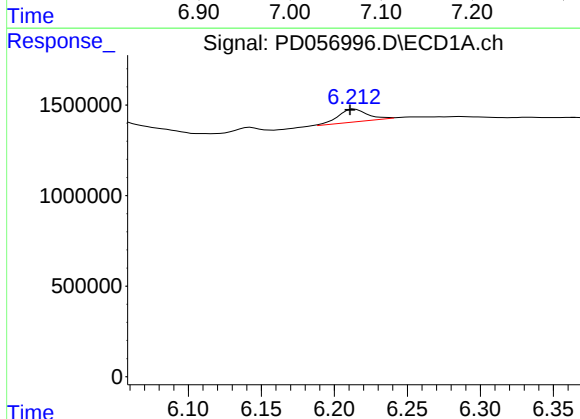
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:54 PM



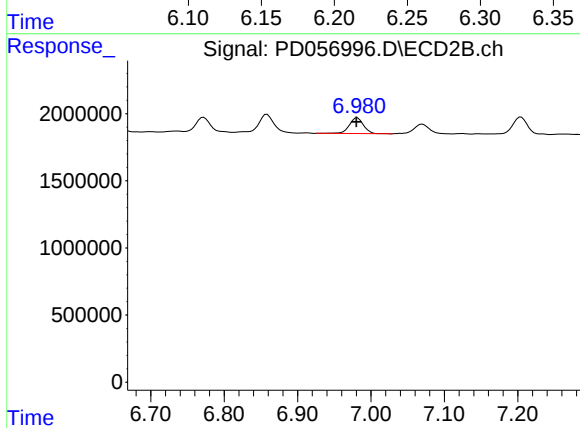
#17 4,4'-DDT

R.T.: 7.070 min
Delta R.T.: 0.001 min
Response: 1056343
Conc: 0.69 ng/ml



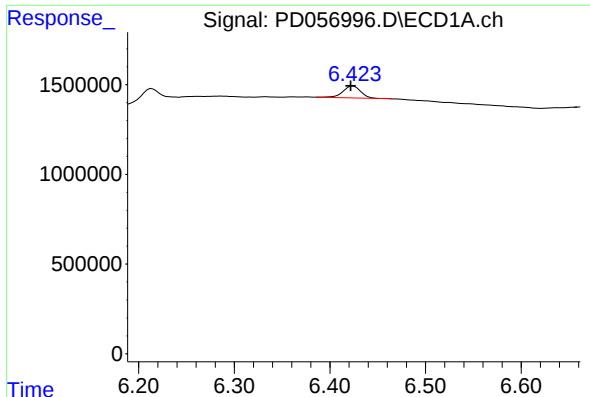
#18 Endrin aldehyde

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 990545
Conc: 1.17 ng/ml m



#18 Endrin aldehyde

R.T.: 6.981 min
Delta R.T.: 0.001 min
Response: 1603599
Conc: 0.97 ng/ml



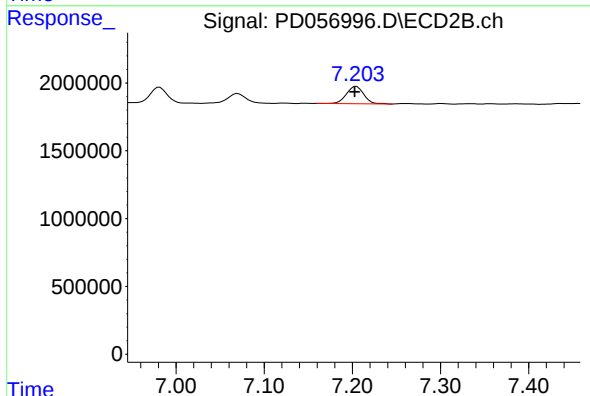
#19 Endosulfan Sulfate

R.T.: 6.424 min
Delta R.T.: 0.003 min
Response: 868107
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

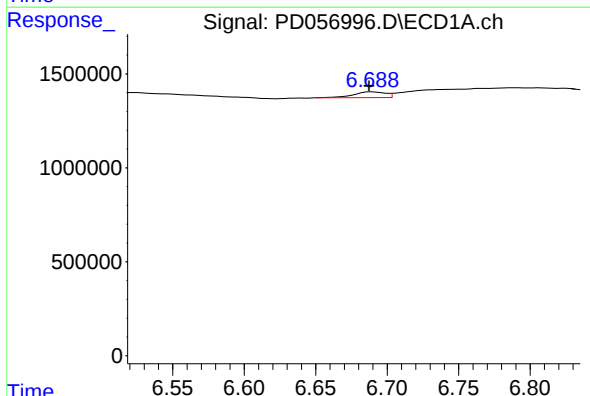
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:54 PM



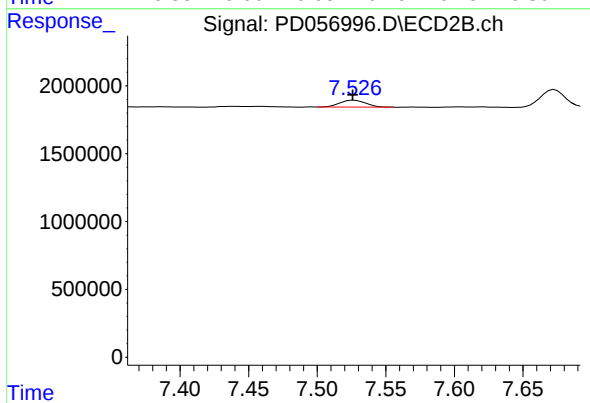
#19 Endosulfan Sulfate

R.T.: 7.205 min
Delta R.T.: 0.002 min
Response: 1753447
Conc: 0.96 ng/ml



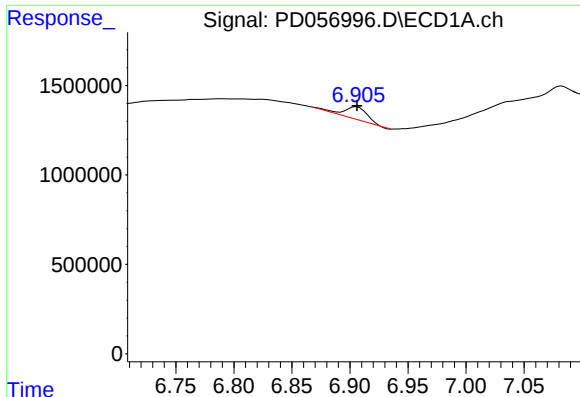
#20 Methoxychlor

R.T.: 6.689 min
Delta R.T.: 0.002 min
Response: 484519
Conc: 1.24 ng/ml



#20 Methoxychlor

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 677008
Conc: 0.77 ng/ml m



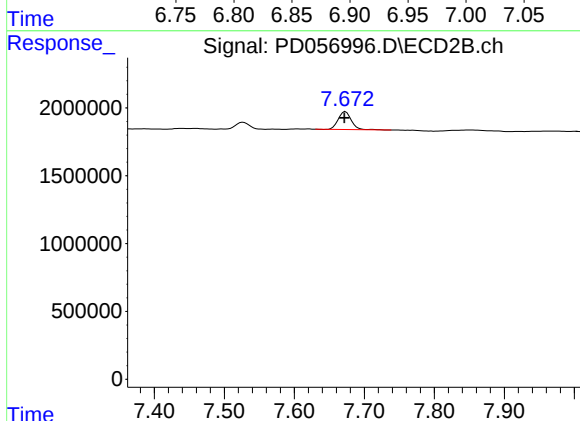
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 817739
Conc: 0.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

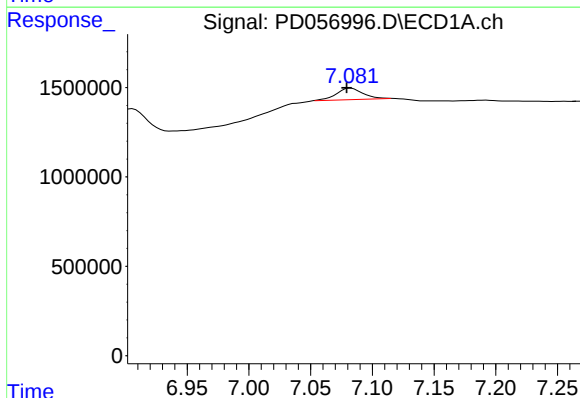
Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:54 PM



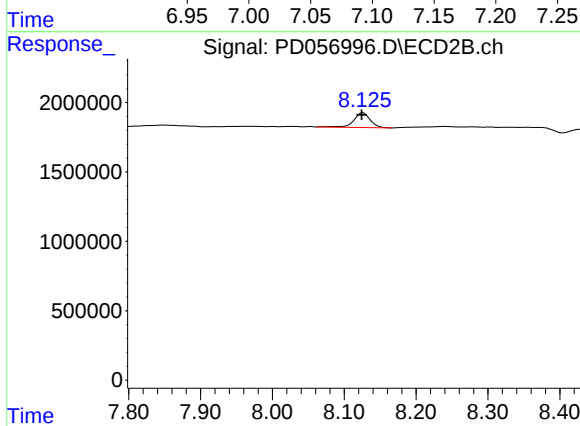
#21 Endrin ketone

R.T.: 7.673 min
Delta R.T.: 0.002 min
Response: 1726393
Conc: 0.84 ng/ml



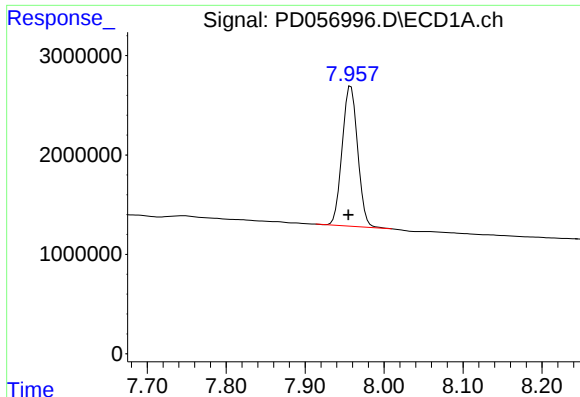
#22 Mirex

R.T.: 7.081 min
Delta R.T.: 0.002 min
Response: 983312
Conc: 1.17 ng/ml m



#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.001 min
Response: 1693364
Conc: 1.16 ng/ml



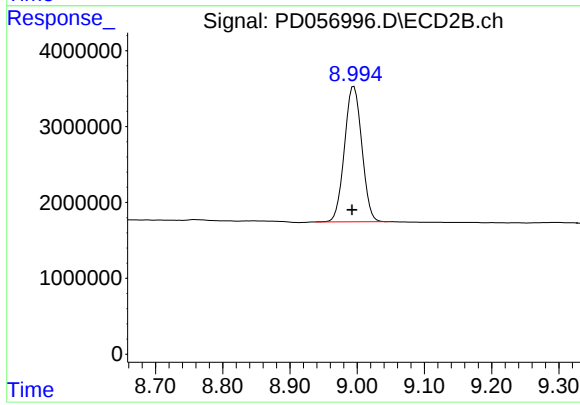
#28 Decachlorobiphenyl

R.T.: 7.958 min
Delta R.T.: 0.003 min
Response: 19208941
Conc: 19.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Manual Integrations
APPROVED

mohammad
1/21/2020 2:56:54 PM



#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.003 min
Response: 31981548
Conc: 19.19 ng/ml