

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031621\
 Data File : PD061633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 10:48
 Operator : AR\AJ
 Sample : M1458-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
 APPROVED

Ankita
 3/17/2021 4:37:12 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 09:30:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031521.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 16 02:33:48 2021
 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...	3.485	3.981	14689312	145.7E6	18.824	19.036
28)	SA Decachlor...	8.259	9.039	21309275	162.7E6	18.869	19.437
Target Compounds							
2)	A alpha-BHC	3.925	4.370	1200113	10517447	1.011	0.916
3)	MA gamma-BHC...	4.210	4.654	986250	10913556	0.905	1.043
4)	MA Heptachlor	4.513	5.162	837964	12050680	1.051	1.252
5)	MB Aldrin	4.763	5.467	1059617	11512654	0.964	1.056
6)	B beta-BHC	4.459	4.824	788442	3950559	1.561m	0.933 #
7)	B delta-BHC	4.666	5.040	992232	11348432	0.887	1.065
8)	B Heptachlo...	5.207	5.853	1001895	10283475	0.965	1.072
9)	A Endosulfan I	5.548	6.208	1002557	10053035	0.997	1.081m
10)	B gamma-Chl...	5.436	6.086	1045201	11316767	0.978	1.095m
11)	B alpha-Chl...	5.493	6.159	1047950	10855605	0.992	1.109m
12)	B 4,4'-DDE	5.657	6.316	969351	9903656	0.931	0.988
13)	MA Dieldrin	5.793	6.466	963036	11965053	0.939	1.189 #
14)	MA Endrin	6.051	6.683	975176	8832757	1.066	1.072
15)	B Endosulfa...	6.323	6.891	1019351	9803665	1.085m	1.169m
16)	A 4,4'-DDD	6.176	6.805	594562	7076379	0.778	0.882
17)	MA 4,4'-DDT	6.415	7.104	666797	7085306	0.836m	0.839
18)	B Endrin al...	6.492	7.016	797980	8018600	1.058m	1.167
19)	B Endosulfa...	6.706	7.239	1086933	13106557	1.121	1.506 #
20)	A Methoxychlor	6.961	7.560	268791	3638026	0.691m	0.951m#
21)	B Endrin ke...	7.200	7.709	1171598	7050582	1.010	0.774
22)	Mirex	7.391	8.165	1301048	9147011	1.491	1.603

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031621\
 Data File : PD061633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 10:48
 Operator : AR\AJ
 Sample : M1458-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

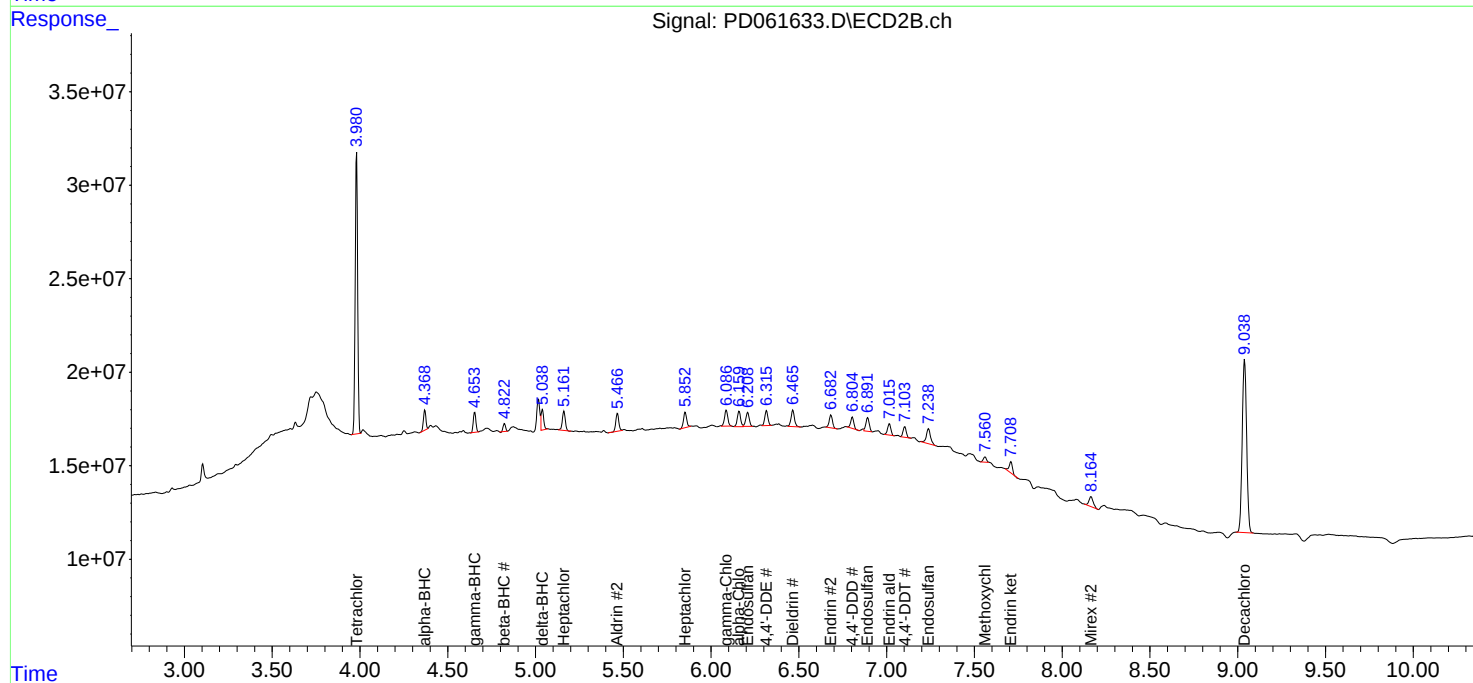
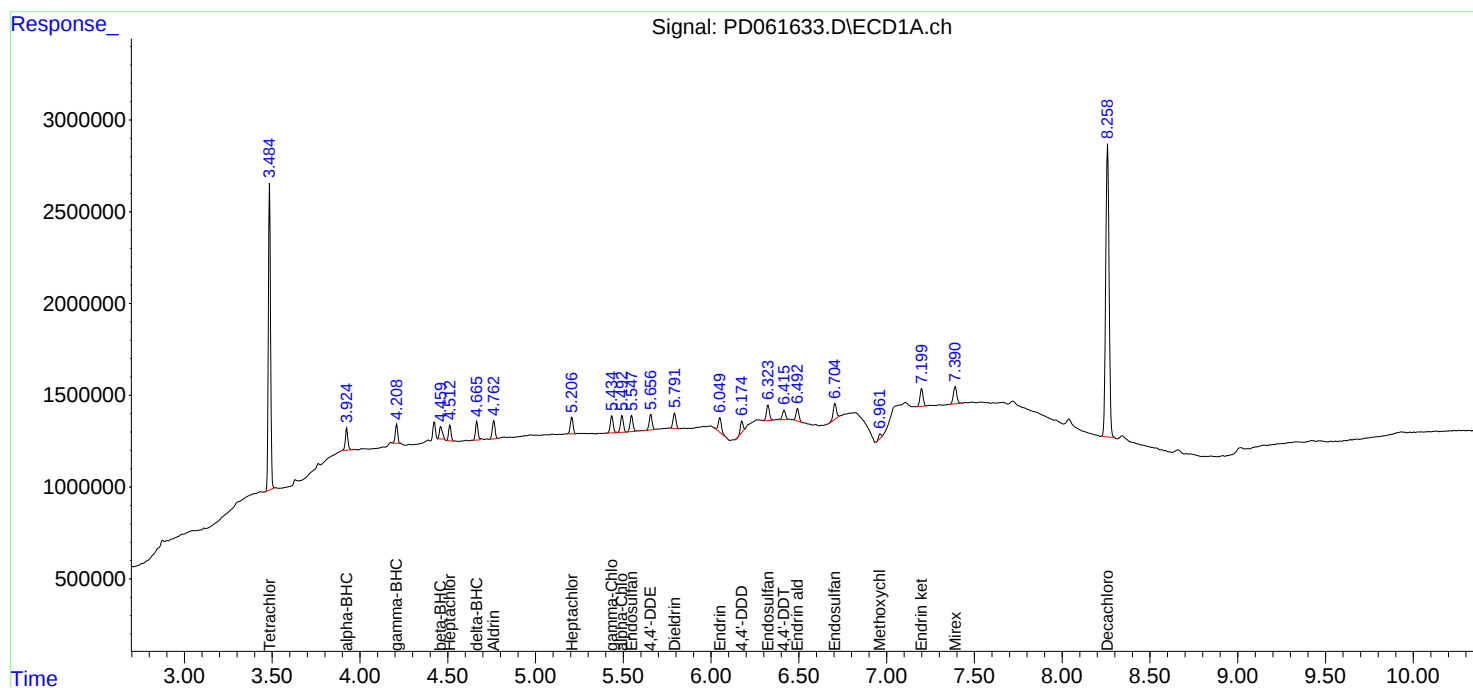
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

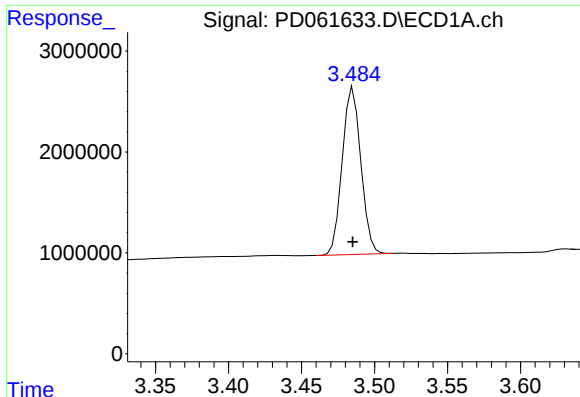
Manual Integrations
 APPROVED

Ankita
 3/17/2021 4:37:12 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 09:30:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031521.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 16 02:33:48 2021
 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





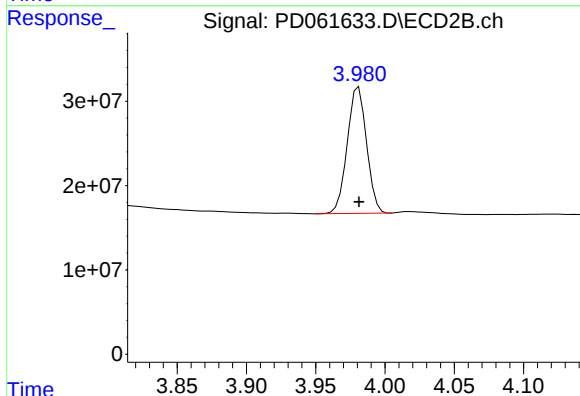
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 14689312
Conc: 18.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

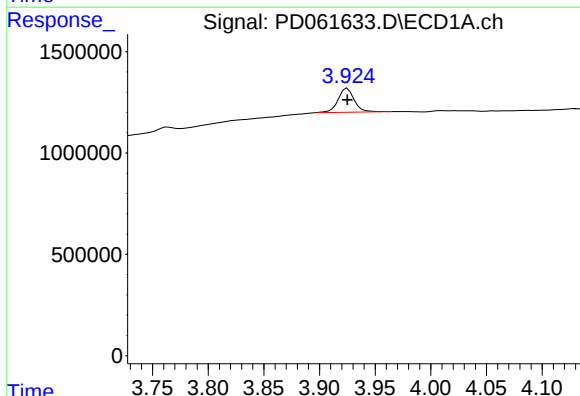
Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:12 PM



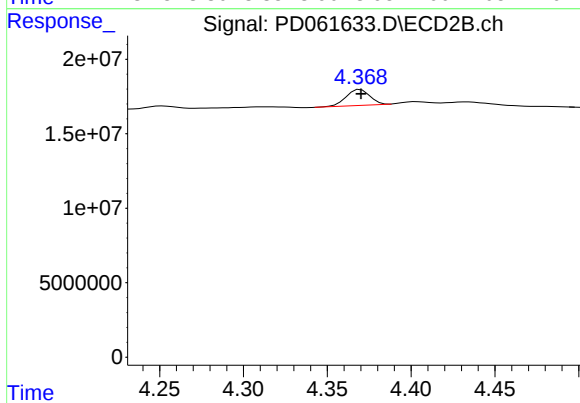
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 145704870
Conc: 19.04 ng/ml



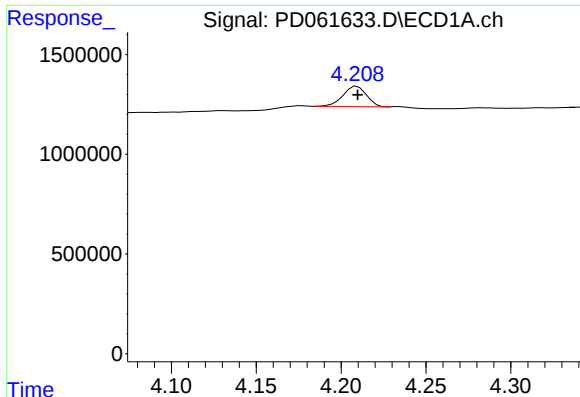
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: 0.000 min
Response: 1200113
Conc: 1.01 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 10517447
Conc: 0.92 ng/ml



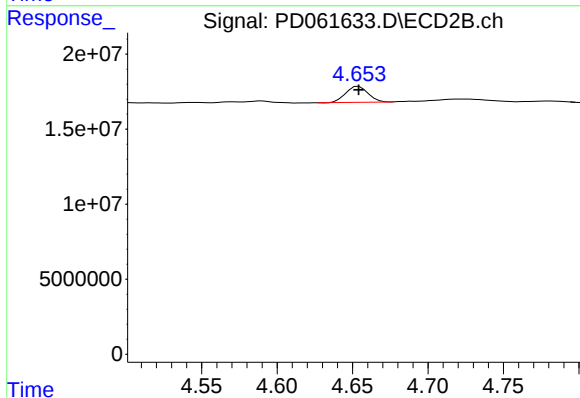
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 986250
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

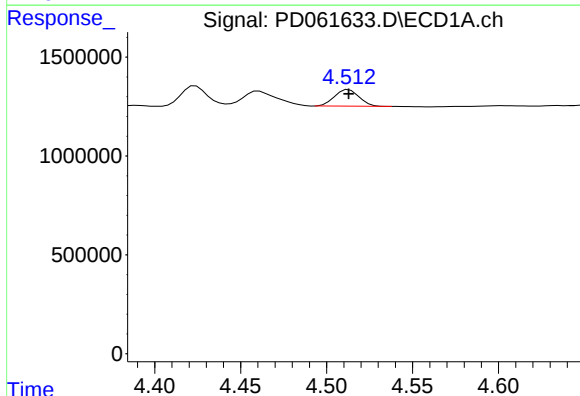
Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:12 PM



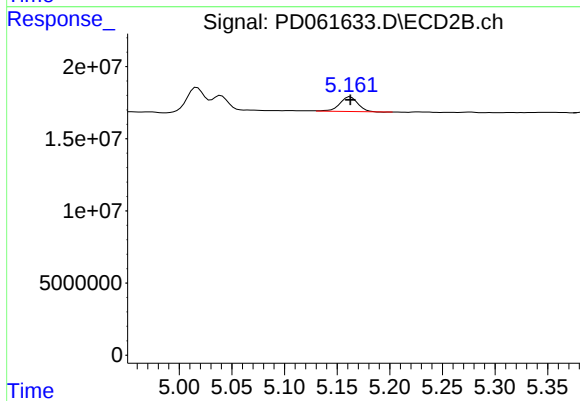
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 10913556
Conc: 1.04 ng/ml



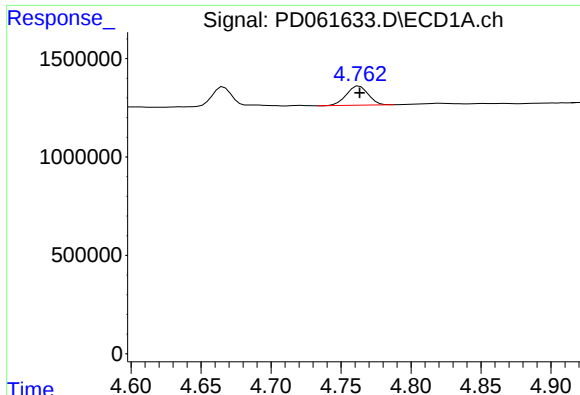
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 837964
Conc: 1.05 ng/ml



#4 Heptachlor

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 12050680
Conc: 1.25 ng/ml



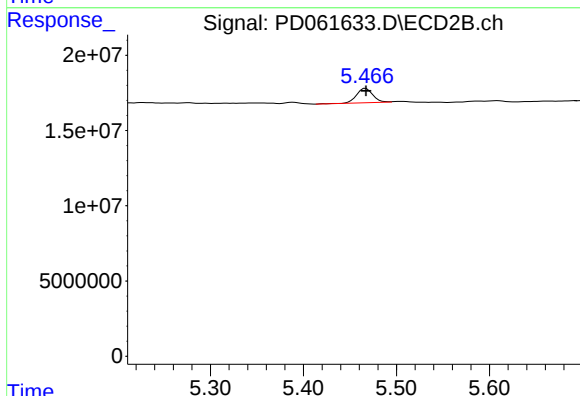
#5 Aldrin

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 1059617
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

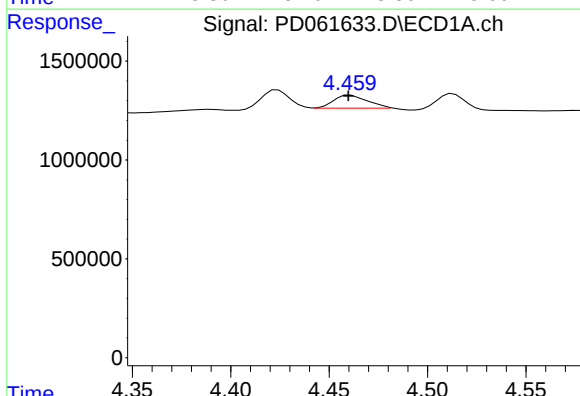
Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:12 PM



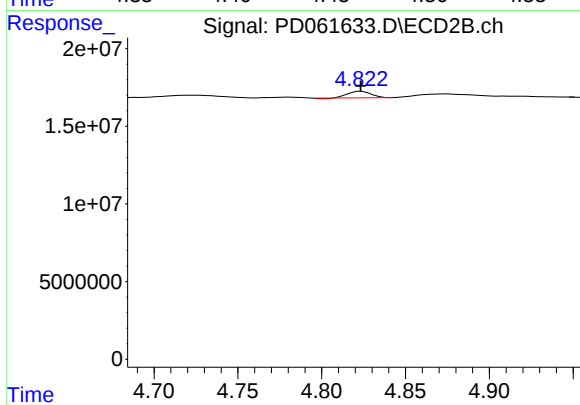
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 11512654
Conc: 1.06 ng/ml



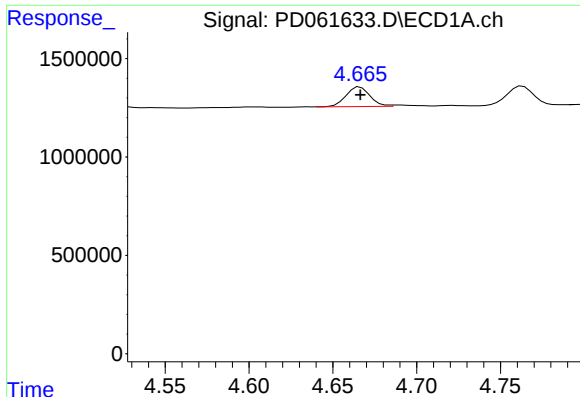
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 788442
Conc: 1.56 ng/ml m



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 3950559
Conc: 0.93 ng/ml



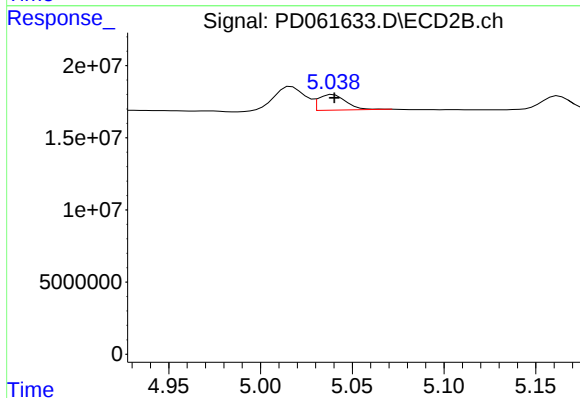
#7 delta-BHC

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 992232
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

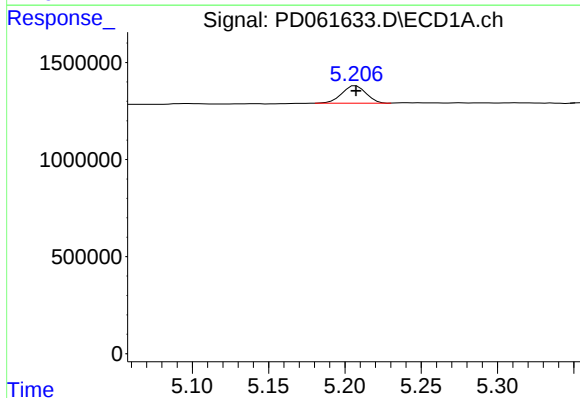
Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:12 PM



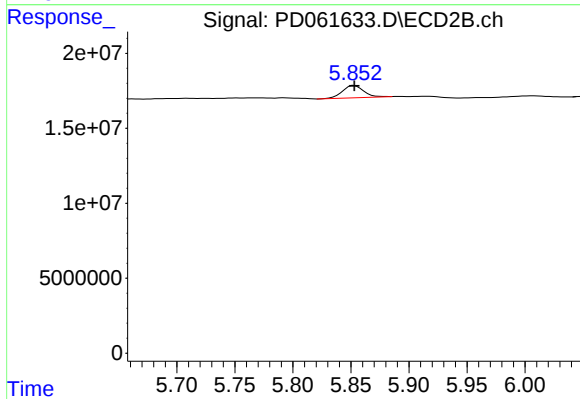
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 11348432
Conc: 1.06 ng/ml



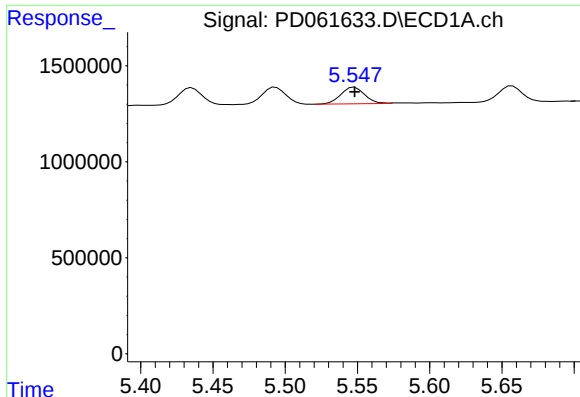
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 1001895
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 10283475
Conc: 1.07 ng/ml



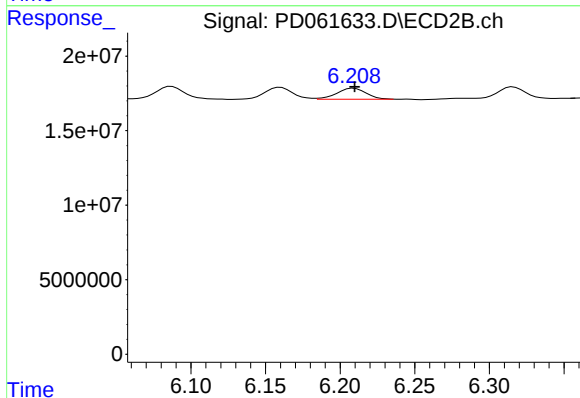
#9 Endosulfan I

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 1002557
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

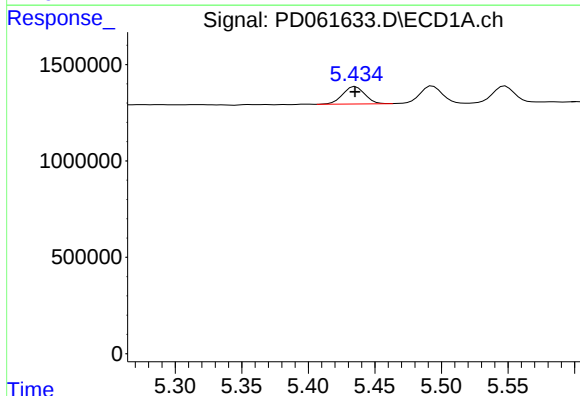
Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:12 PM



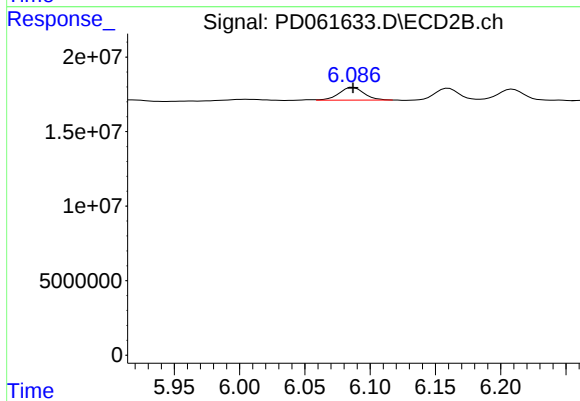
#9 Endosulfan I

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 10053035
Conc: 1.08 ng/ml m



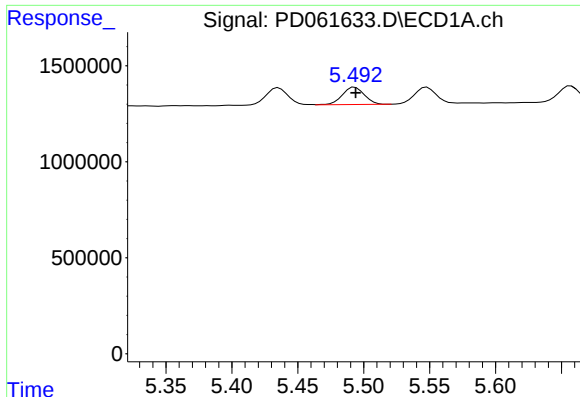
#10 gamma-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 1045201
Conc: 0.98 ng/ml



#10 gamma-Chlordane

R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 11316767
Conc: 1.10 ng/ml m



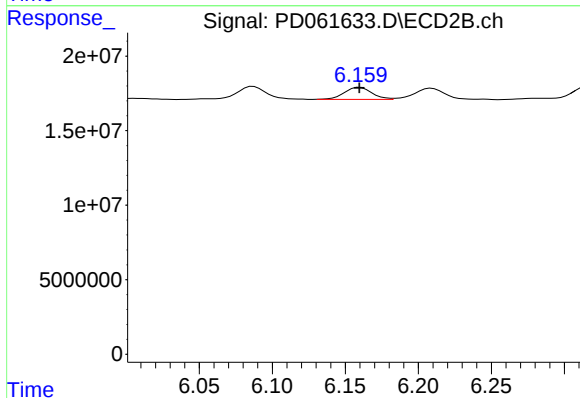
#11 alpha-Chlordane

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 1047950
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

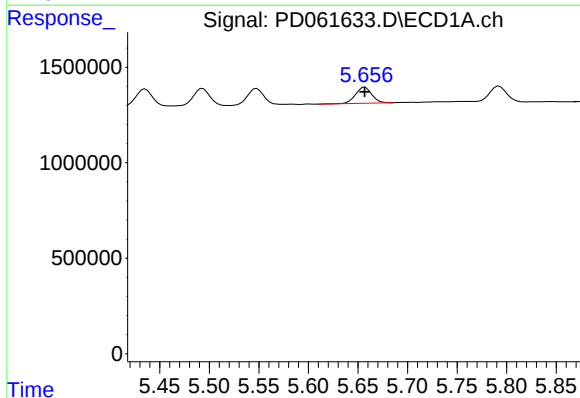
Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:12 PM



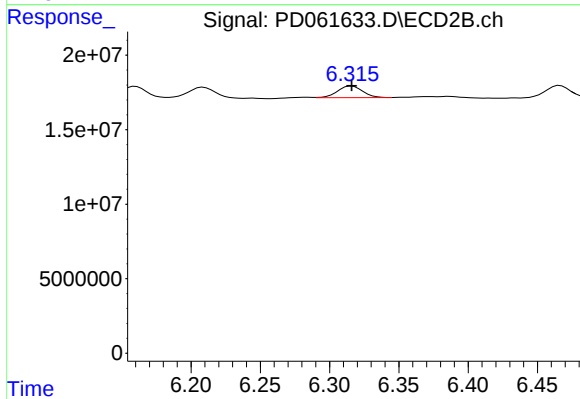
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 10855605
Conc: 1.11 ng/ml m



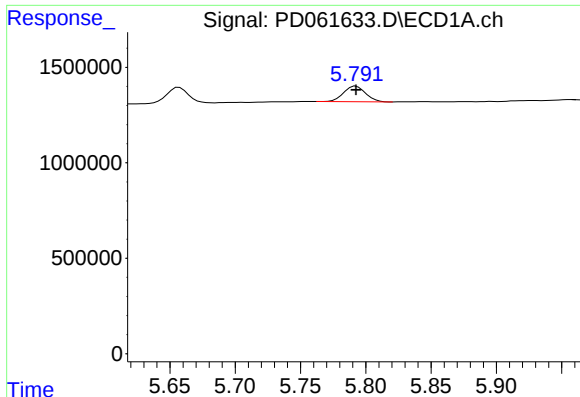
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 969351
Conc: 0.93 ng/ml



#12 4,4'-DDE

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 9903656
Conc: 0.99 ng/ml



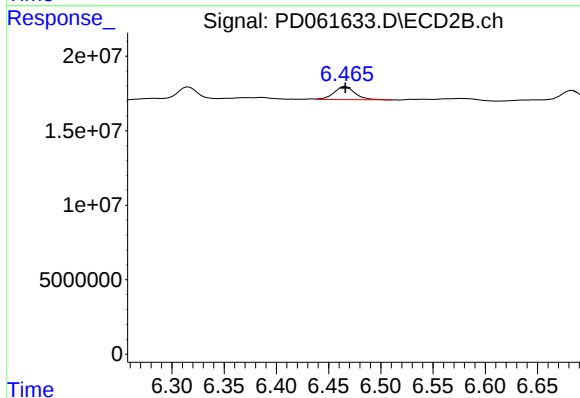
#13 Dieldrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 963036
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

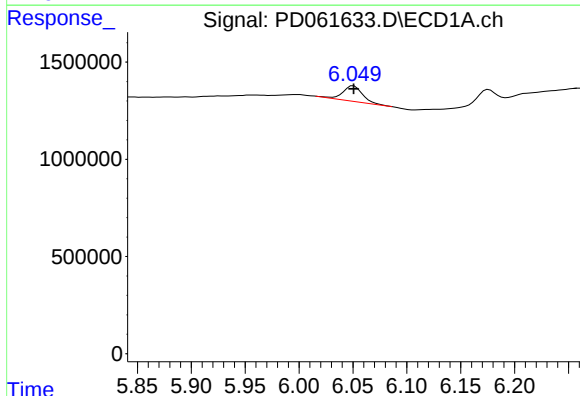
Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:12 PM



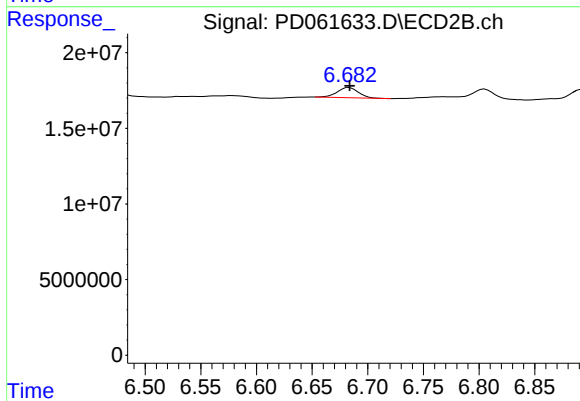
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 11965053
Conc: 1.19 ng/ml



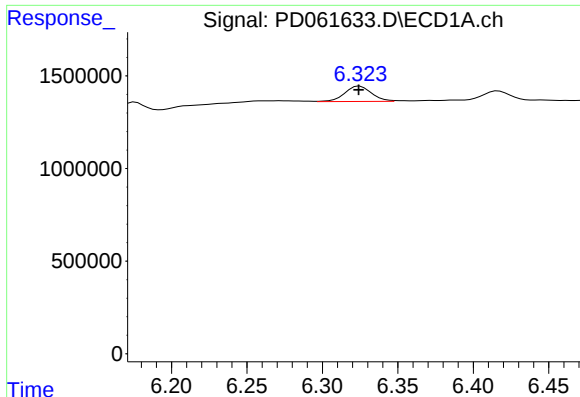
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 975176
Conc: 1.07 ng/ml



#14 Endrin

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 8832757
Conc: 1.07 ng/ml



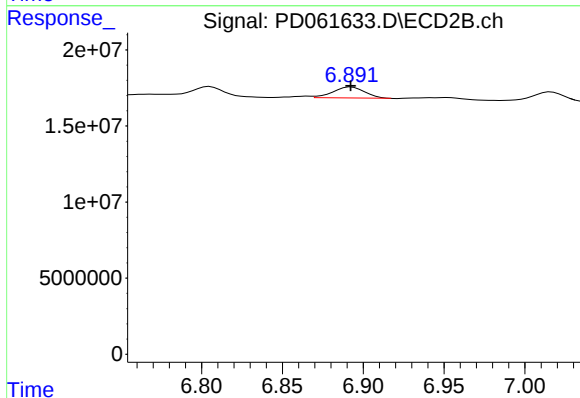
#15 Endosulfan II

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 1019351
Conc: 1.08 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

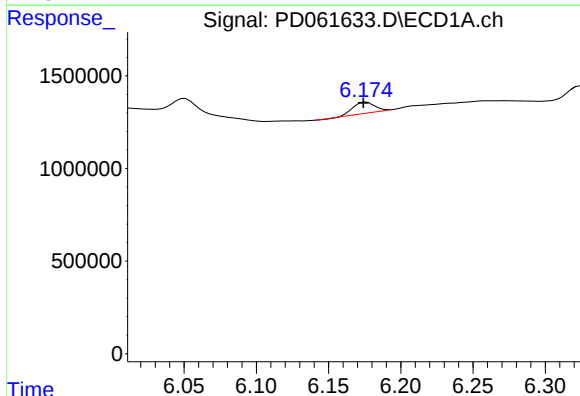
Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:12 PM



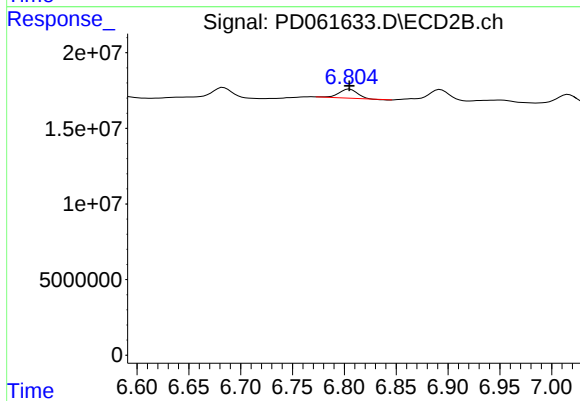
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: -0.001 min
Response: 9803665
Conc: 1.17 ng/ml m



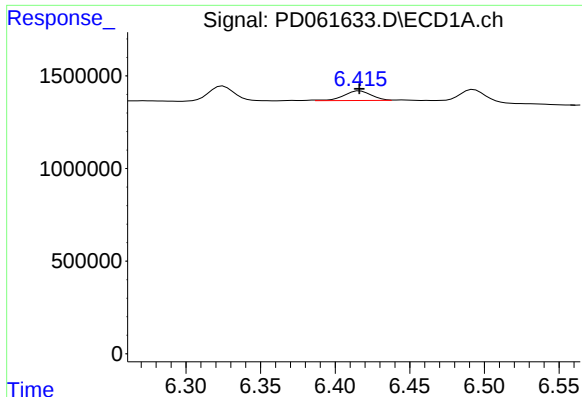
#16 4,4'-DDD

R.T.: 6.176 min
Delta R.T.: 0.002 min
Response: 594562
Conc: 0.78 ng/ml



#16 4,4'-DDD

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 7076379
Conc: 0.88 ng/ml



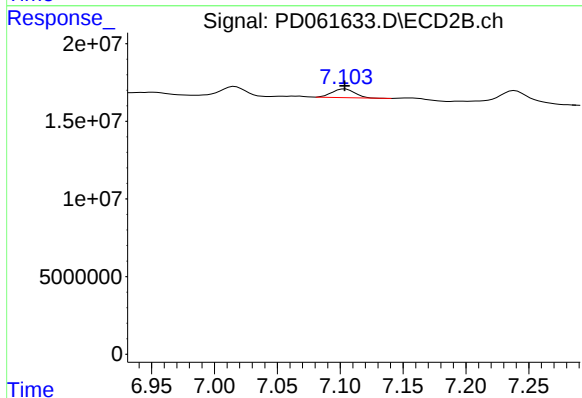
#17 4,4'-DDT

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 666797
Conc: 0.84 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

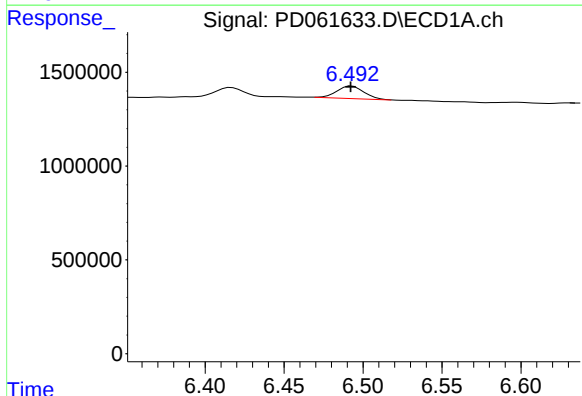
Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:12 PM



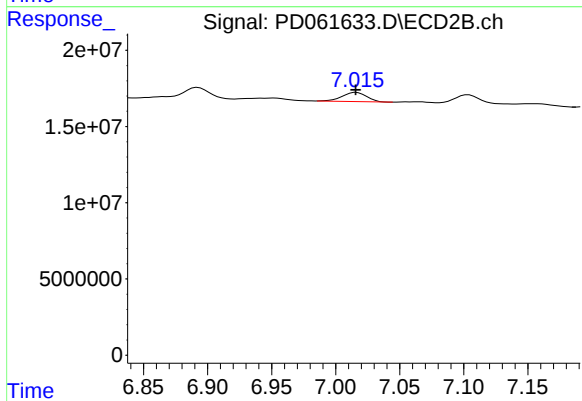
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 7085306
Conc: 0.84 ng/ml



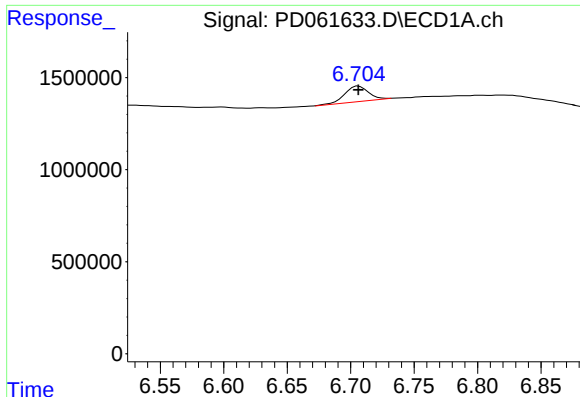
#18 Endrin aldehyde

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 797980
Conc: 1.06 ng/ml m



#18 Endrin aldehyde

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 8018600
Conc: 1.17 ng/ml



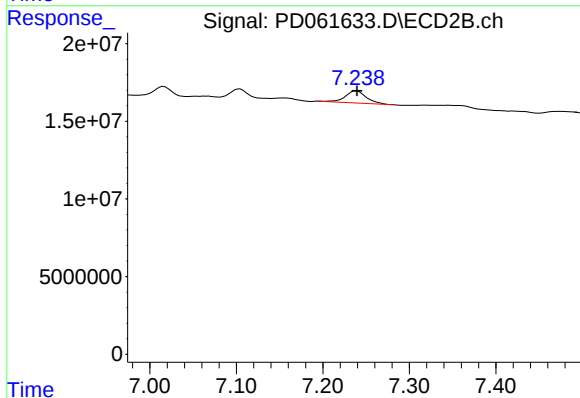
#19 Endosulfan Sulfate

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 1086933
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

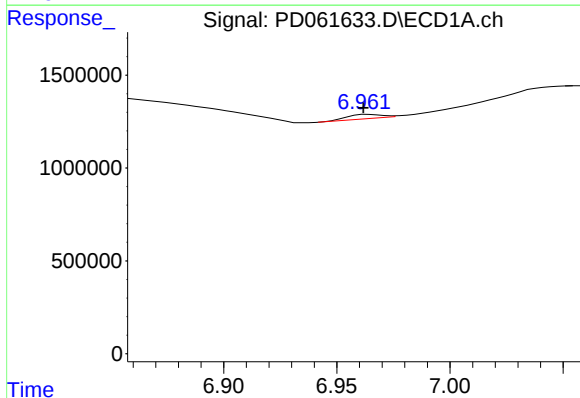
Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:12 PM



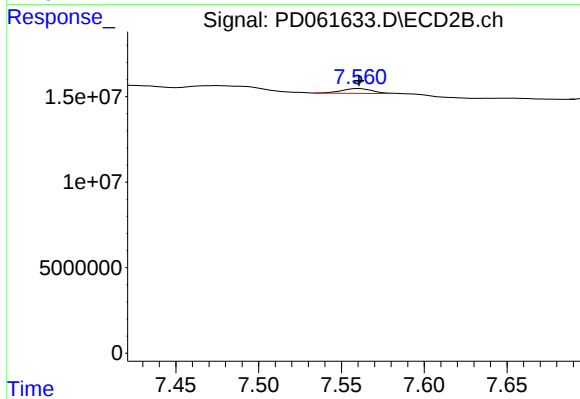
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: 0.000 min
Response: 13106557
Conc: 1.51 ng/ml



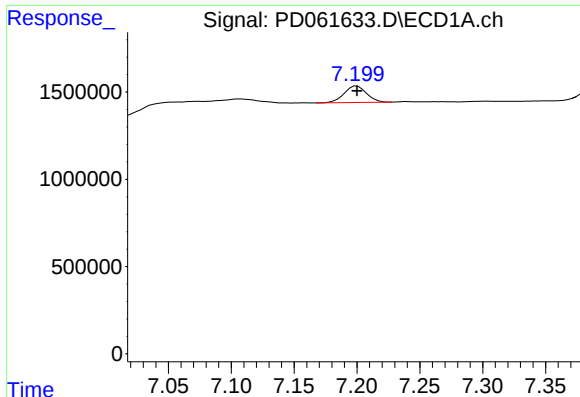
#20 Methoxychlor

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 268791
Conc: 0.69 ng/ml m



#20 Methoxychlor

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 3638026
Conc: 0.95 ng/ml m



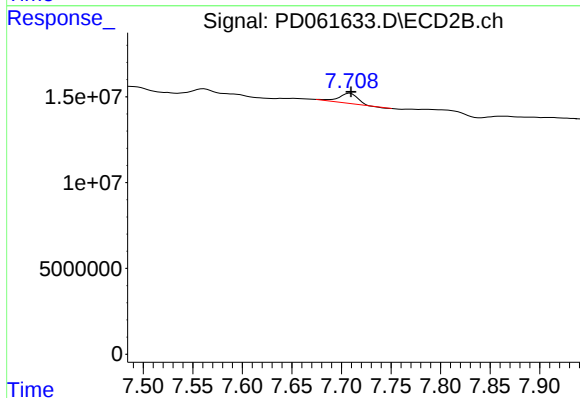
#21 Endrin ketone

R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 1171598
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

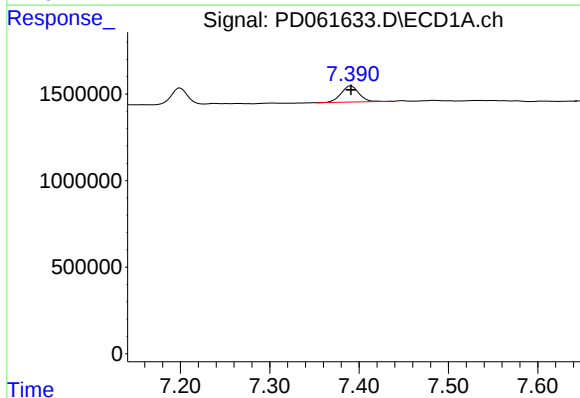
Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:12 PM



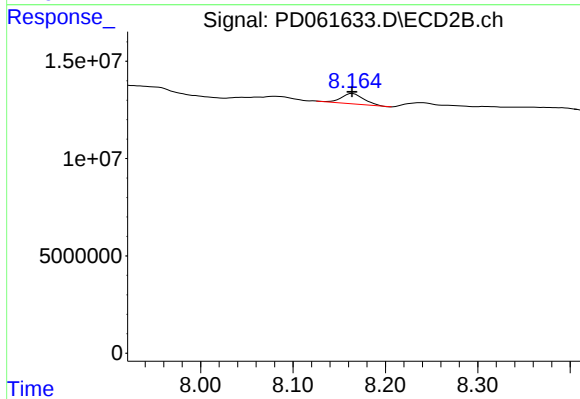
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 7050582
Conc: 0.77 ng/ml



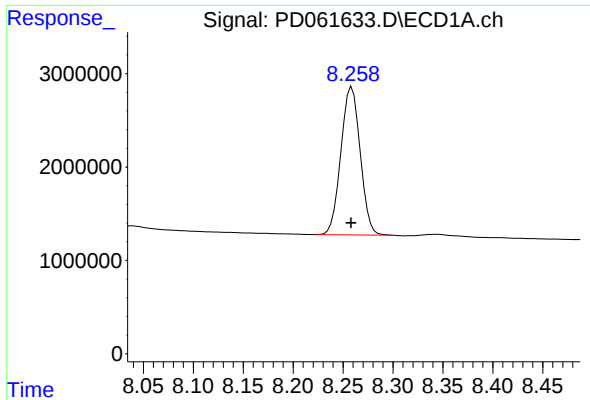
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 1301048
Conc: 1.49 ng/ml



#22 Mirex

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 9147011
Conc: 1.60 ng/ml



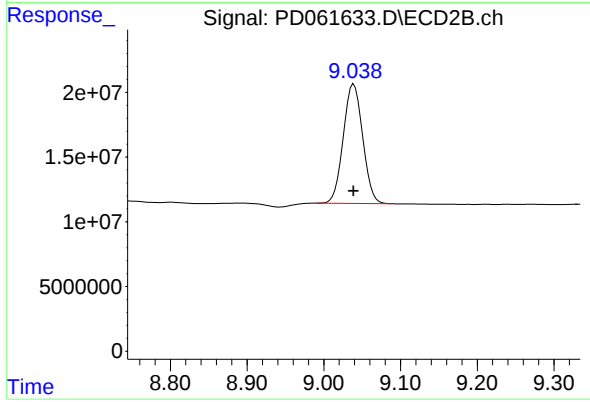
#28 Decachlorobiphenyl

R.T.: 8.259 min
Delta R.T.: 0.000 min
Response: 21309275
Conc: 18.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

Ankita
3/17/2021 4:37:12 PM



#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 162728793
Conc: 19.44 ng/ml