

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062725\
 Data File : PD089181.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 10:47
 Operator : AR\AJ
 Sample : Q2126-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/30/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 05:36:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.557	2.880	49153104	309.3E6	17.228	18.246
28)	SA Decachlor...	9.083	8.073	65794229	297.7E6	16.752	15.059
Target Compounds							
2)	A alpha-BHC	4.007	3.392	4414732	28398256	0.757	1.060 #
3)	MA gamma-BHC...	4.337	3.729	4994900	26724080	0.895	1.079
4)	MA Heptachlor	4.937	4.082	4819662	24932878	0.884	0.996
5)	MB Aldrin	5.278	4.368	4448993	25237778	0.837	1.042
6)	B beta-BHC	4.524	4.025	2334245	10860618	1.058	1.011
7)	B delta-BHC	4.771	4.261	7359673	27587373	1.434m	1.109
8)	B Heptachlo...	5.698	4.871	5563958	25094528	1.153	1.146
9)	A Endosulfan I	6.081	5.245	4562023	19121685	1.012	0.917
10)	B gamma-Chl...	5.953	5.125	4824157	28179834	1.008	1.178
11)	B alpha-Chl...	6.033	5.189	4723860	27010433	0.976m	1.180
12)	B 4,4'-DDE	6.203	5.374	3583300	25730252	0.822	1.123 #
13)	MA Dieldrin	6.354	5.512	4699199	24512861	0.980	1.056
14)	MA Endrin	6.581	5.792	3782798	62412138	0.917m	2.874 #
15)	B Endosulfa...	6.792	6.079	4314555	23444787	1.069m	1.161m
16)	A 4,4'-DDD	6.711	5.928	3882678	22206983	1.131m	1.161
17)	MA 4,4'-DDT	7.027	6.183	2917126	19818377	0.770m	0.977 #
18)	B Endrin al...	6.922	6.259	3759120	18958022	1.227m	1.238
19)	B Endosulfa...	7.157	6.482	3650202	20852619	0.951	1.063
20)	A Methoxychlor	7.499	6.753	1918258	11643093	0.949m	1.081m
21)	B Endrin ke...	7.637	6.991	4615146	22905696	1.133	1.060
22)	Mirex	8.120	7.185	3312980	15564553	1.090	0.933

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062725\
Data File : PD089181.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 10:47
Operator : AR\AJ
Sample : Q2126-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

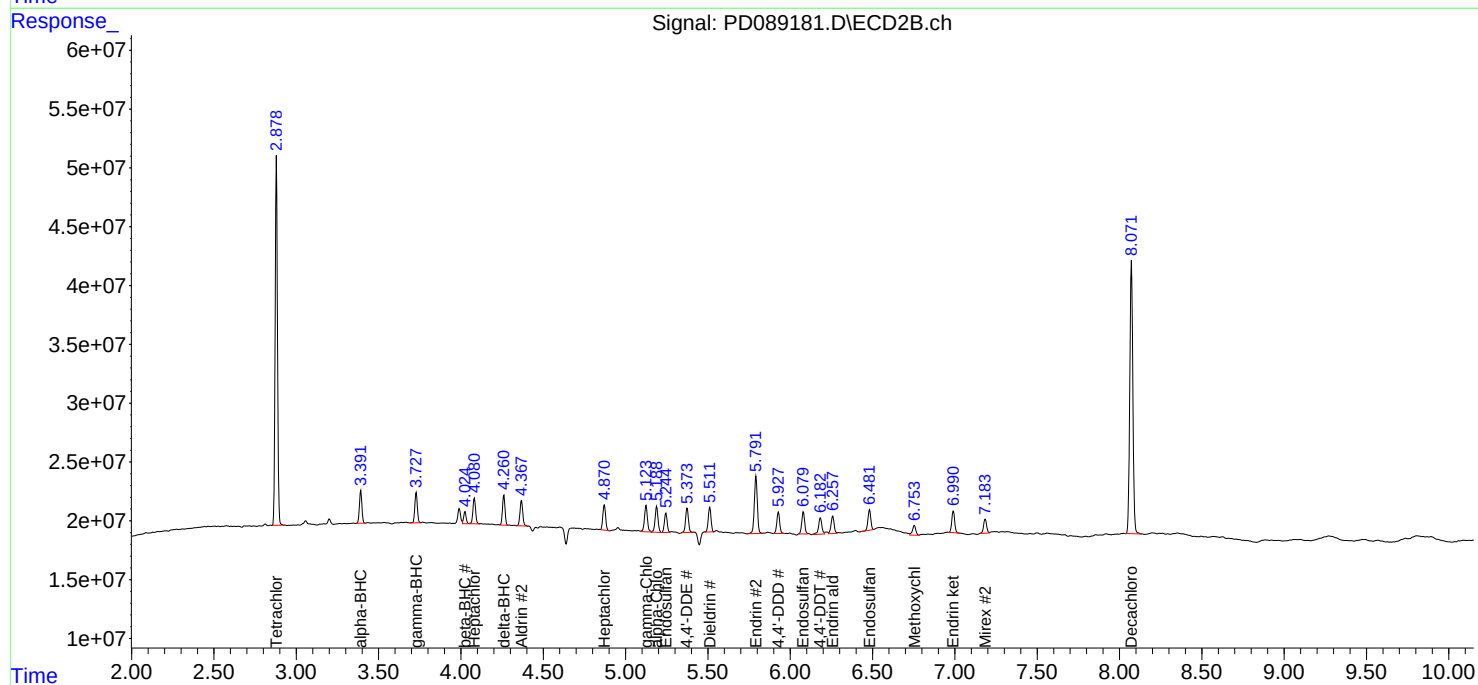
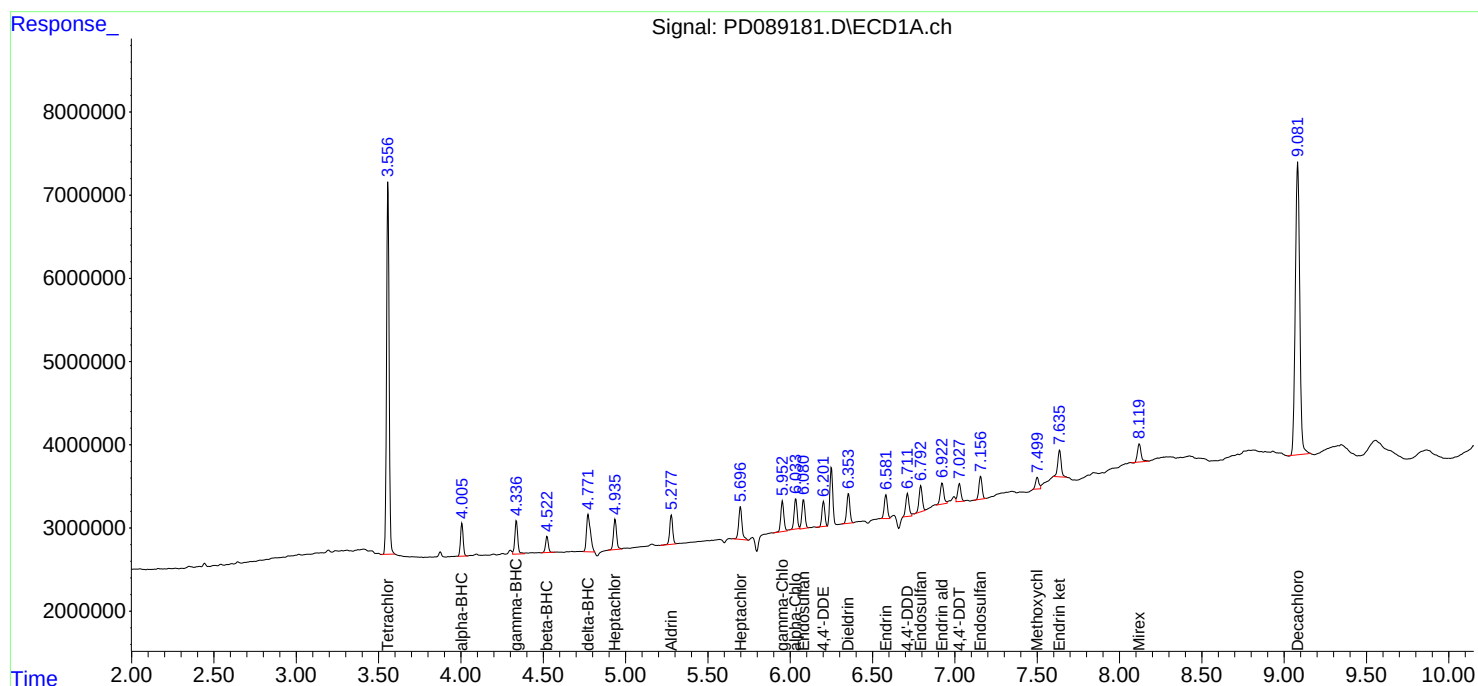
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

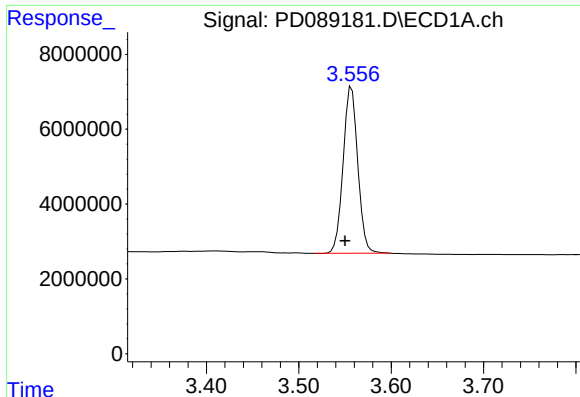
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 05:36:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





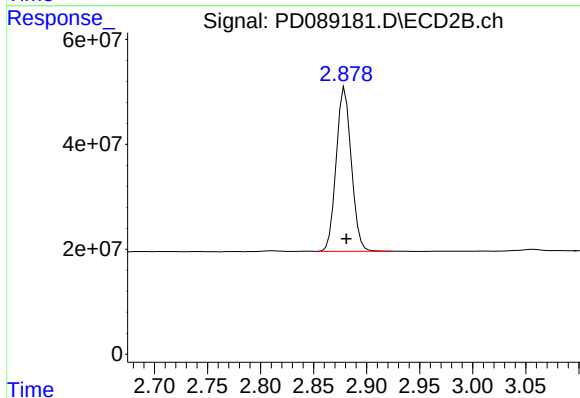
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.007 min
Response: 49153104
Conc: 17.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

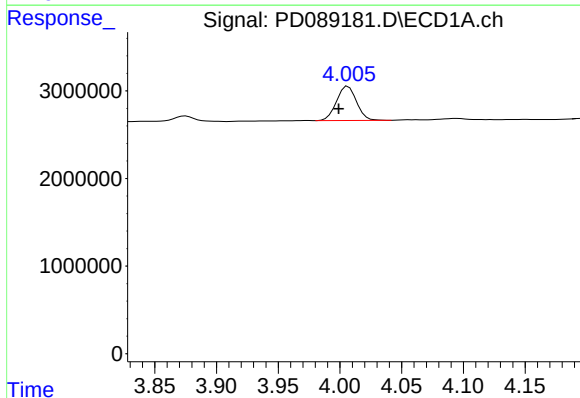
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



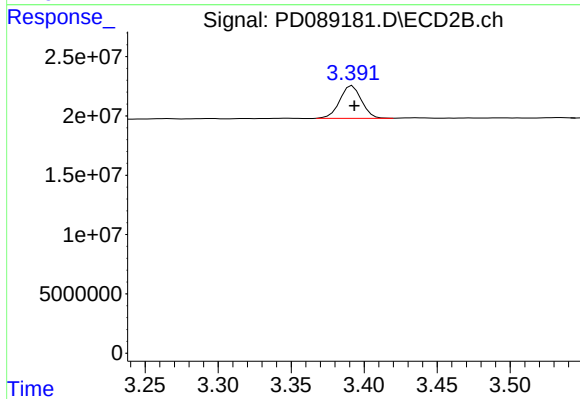
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.001 min
Response: 309326475
Conc: 18.25 ng/ml



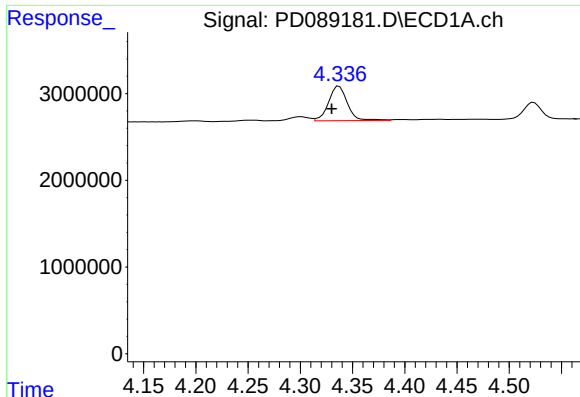
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.008 min
Response: 4414732
Conc: 0.76 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.001 min
Response: 28398256
Conc: 1.06 ng/ml



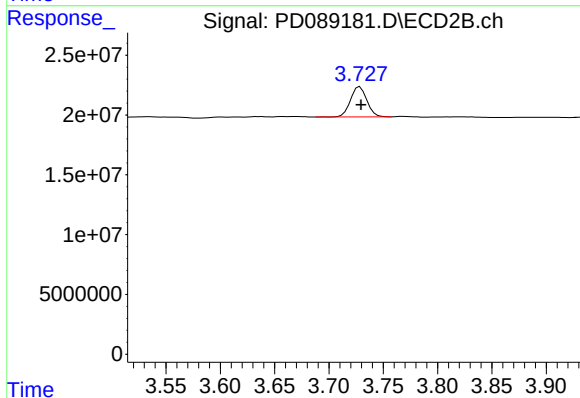
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.007 min
Response: 4994900
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

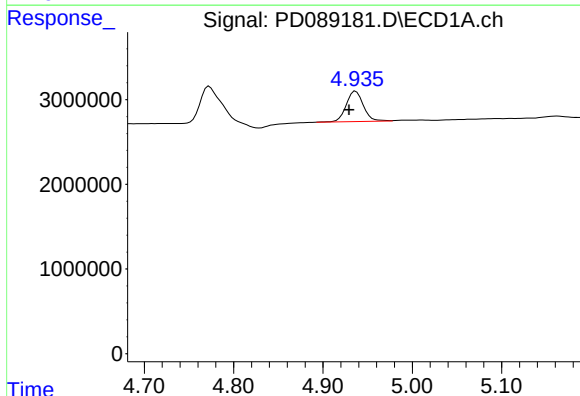
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



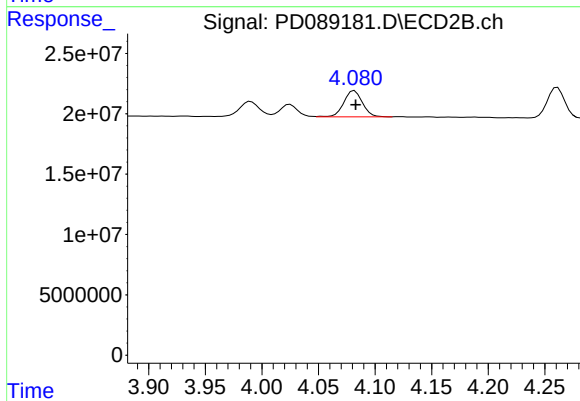
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 26724080
Conc: 1.08 ng/ml



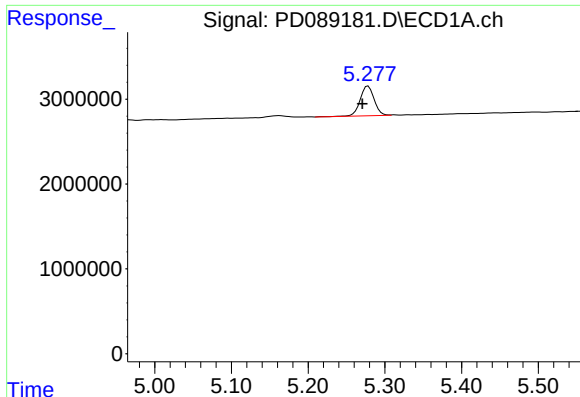
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.007 min
Response: 4819662
Conc: 0.88 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 24932878
Conc: 1.00 ng/ml



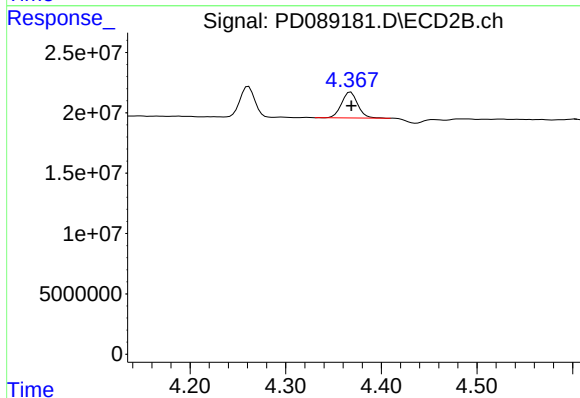
#5 Aldrin

R.T.: 5.278 min
Delta R.T.: 0.007 min
Response: 4448993
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

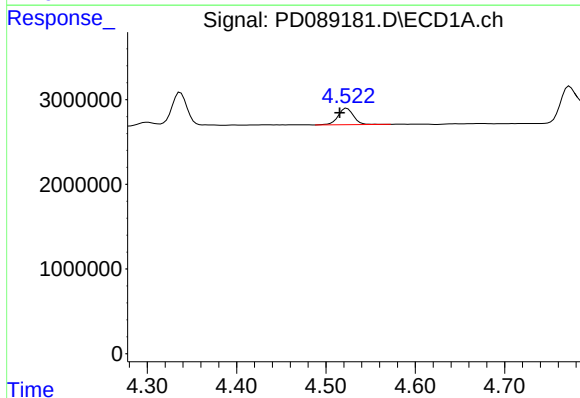
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



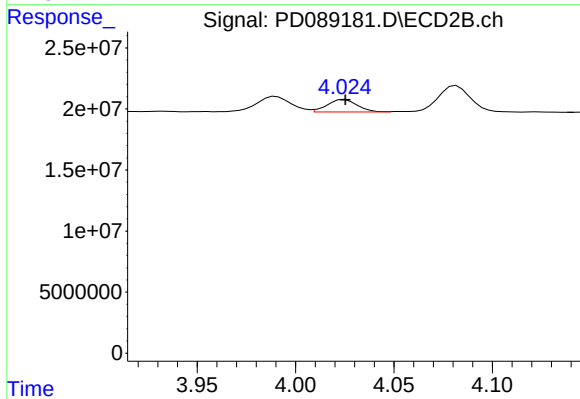
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 25237778
Conc: 1.04 ng/ml



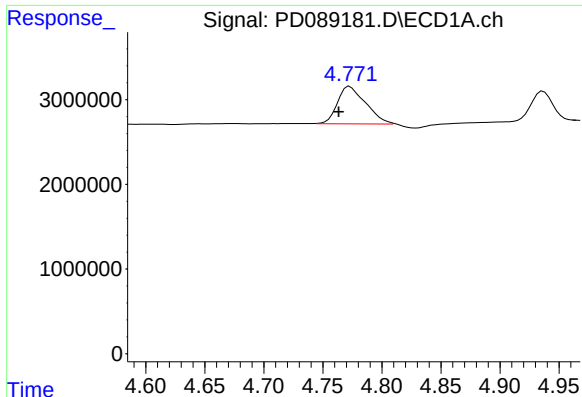
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.008 min
Response: 2334245
Conc: 1.06 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 10860618
Conc: 1.01 ng/ml



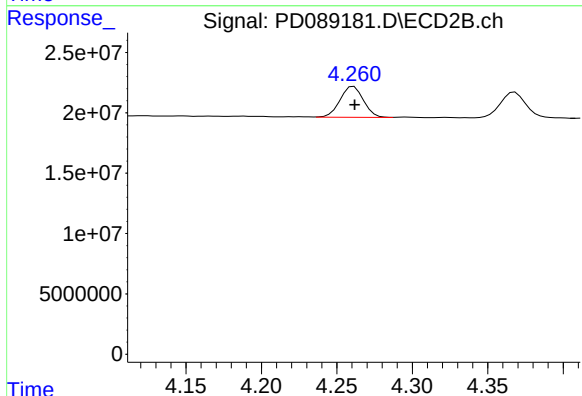
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.008 min
Response: 7359673
Conc: 1.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

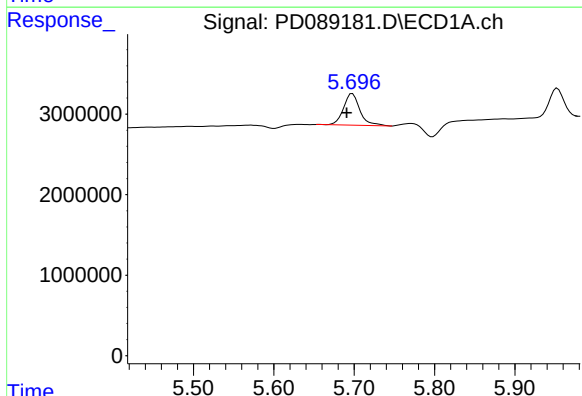
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



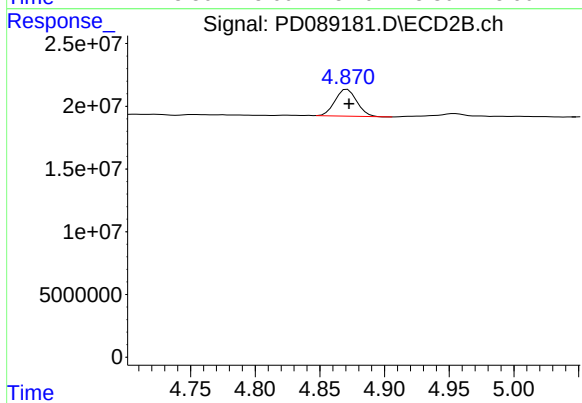
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 27587373
Conc: 1.11 ng/ml



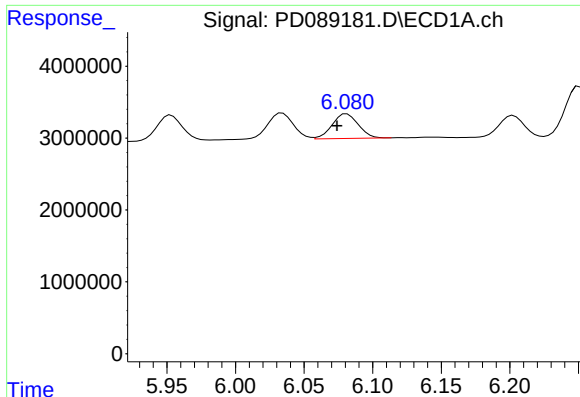
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.007 min
Response: 5563958
Conc: 1.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.001 min
Response: 25094528
Conc: 1.15 ng/ml



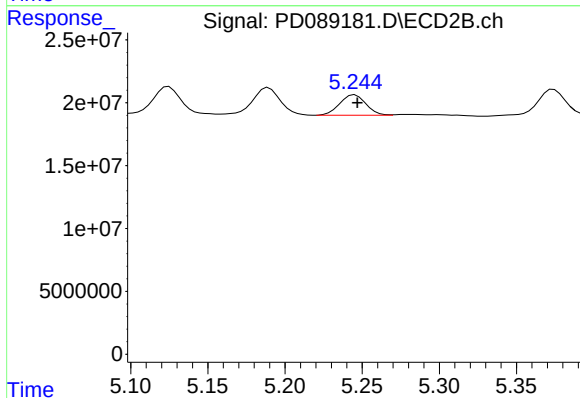
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.007 min
Response: 4562023
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

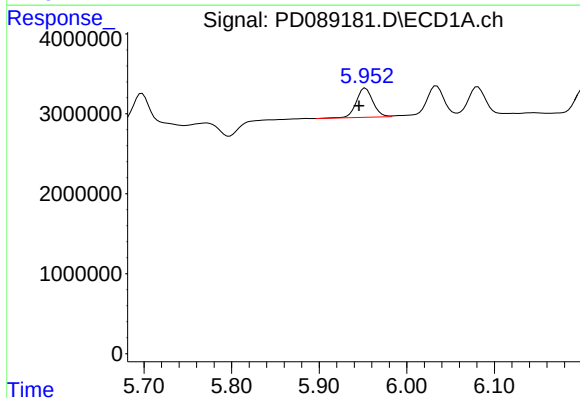
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



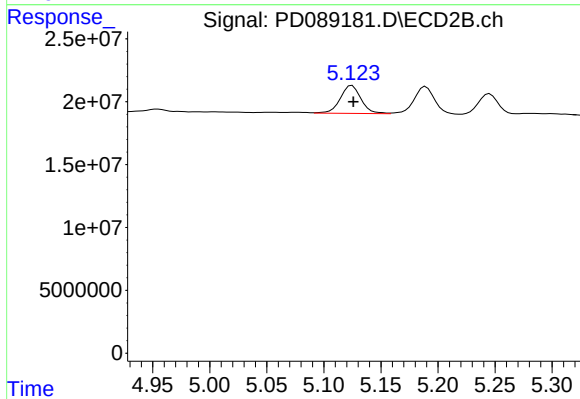
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 19121685
Conc: 0.92 ng/ml



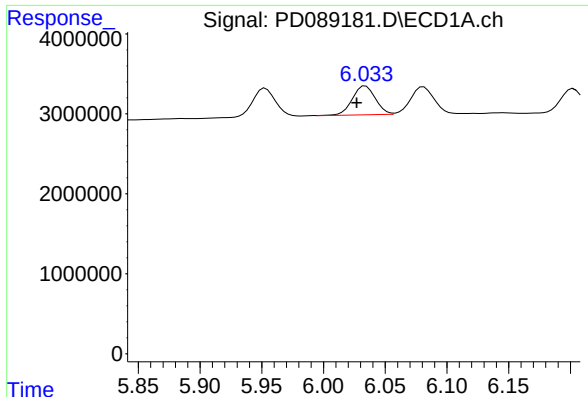
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.007 min
Response: 4824157
Conc: 1.01 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 28179834
Conc: 1.18 ng/ml



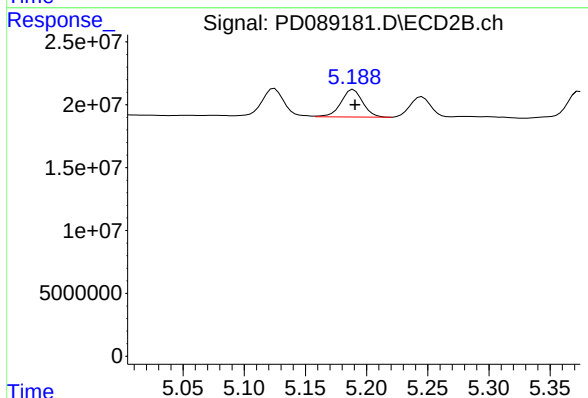
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.006 min
Response: 4723860
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

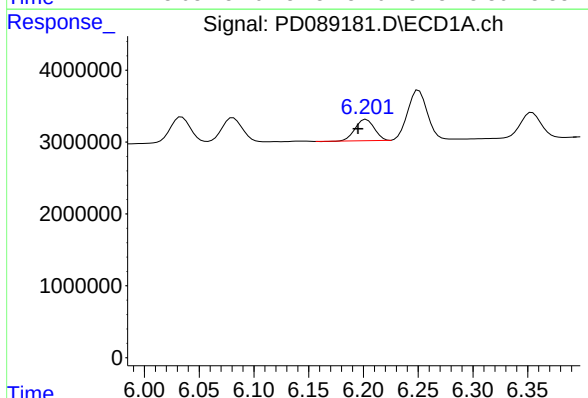
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



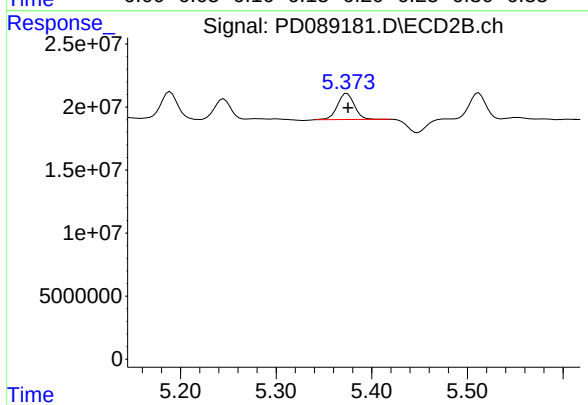
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.001 min
Response: 27010433
Conc: 1.18 ng/ml



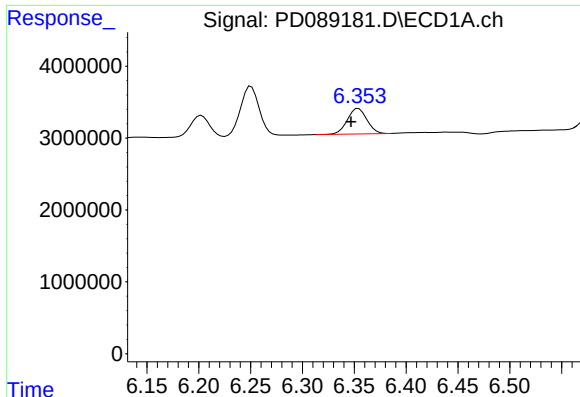
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.007 min
Response: 3583300
Conc: 0.82 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 25730252
Conc: 1.12 ng/ml



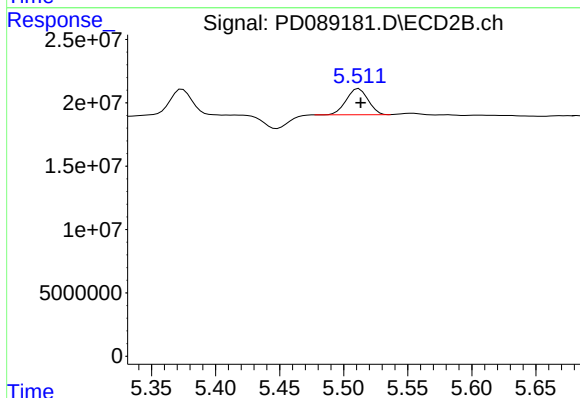
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.007 min
Response: 4699199
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

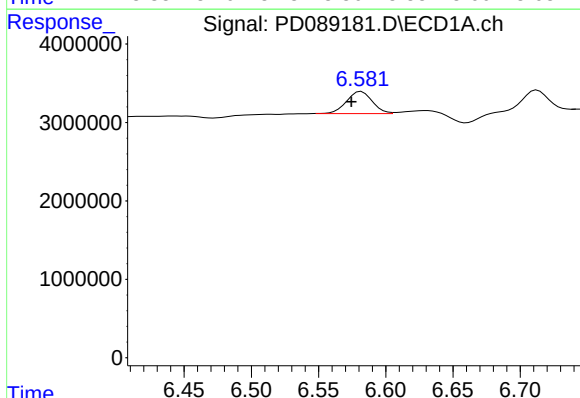
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



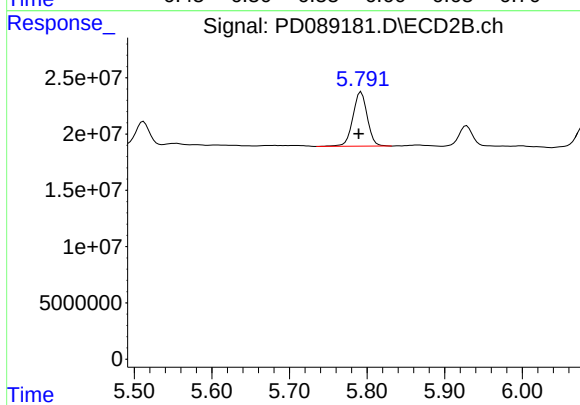
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.001 min
Response: 24512861
Conc: 1.06 ng/ml



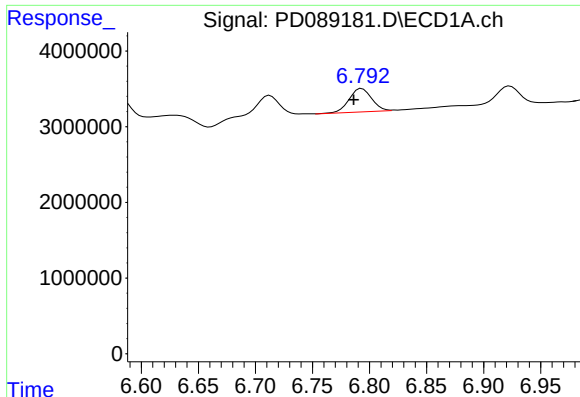
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.006 min
Response: 3782798
Conc: 0.92 ng/ml m



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.003 min
Response: 62412138
Conc: 2.87 ng/ml



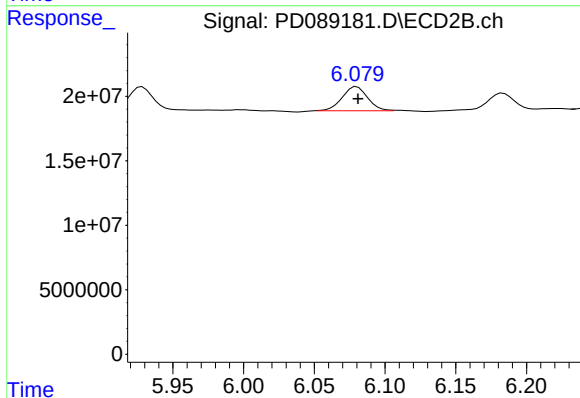
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.006 min
Response: 4314555
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

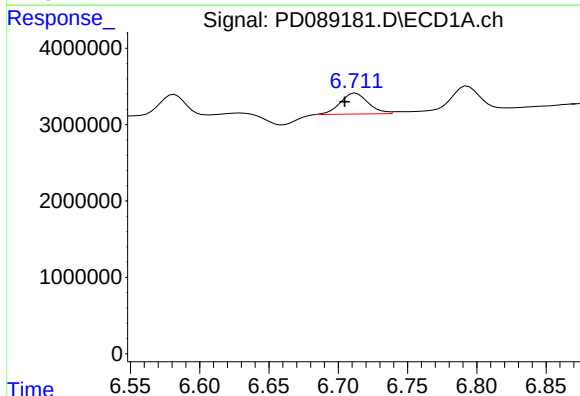
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



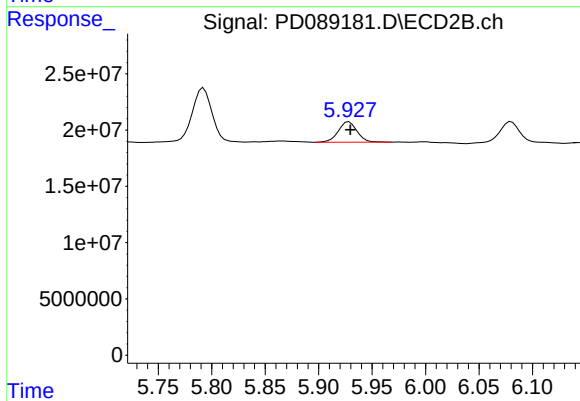
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 23444787
Conc: 1.16 ng/ml m



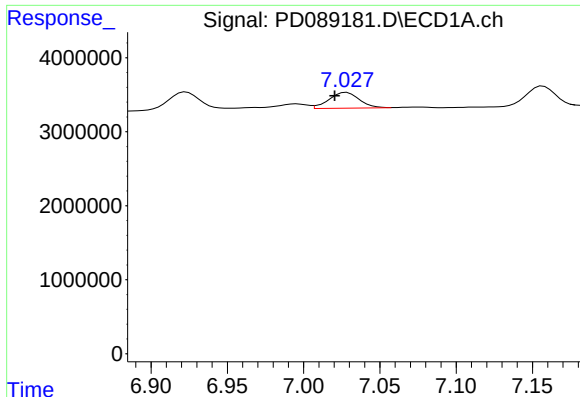
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.007 min
Response: 3882678
Conc: 1.13 ng/ml m



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 22206983
Conc: 1.16 ng/ml



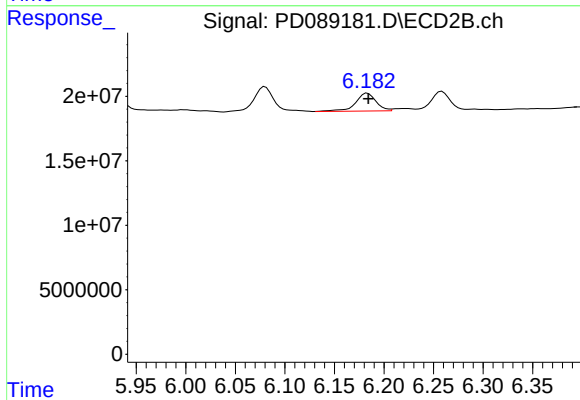
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.006 min
Response: 2917126
Conc: 0.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

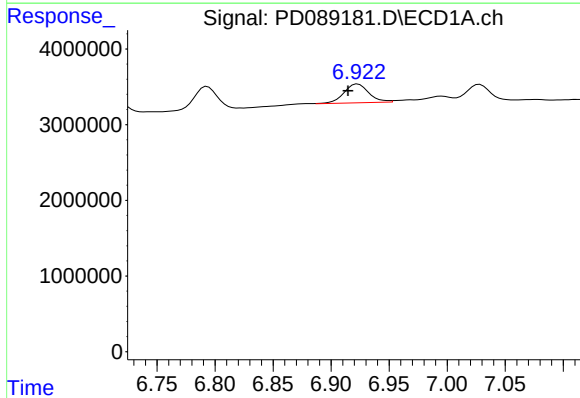
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



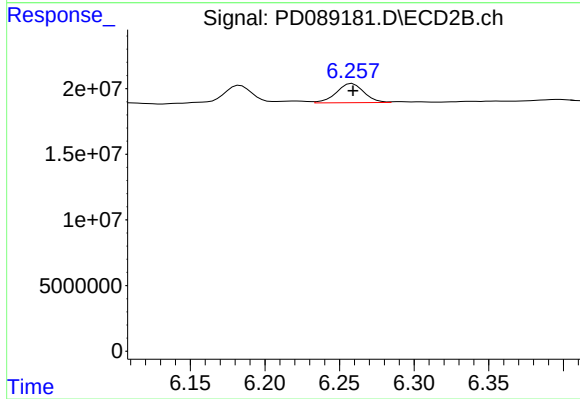
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 19818377
Conc: 0.98 ng/ml



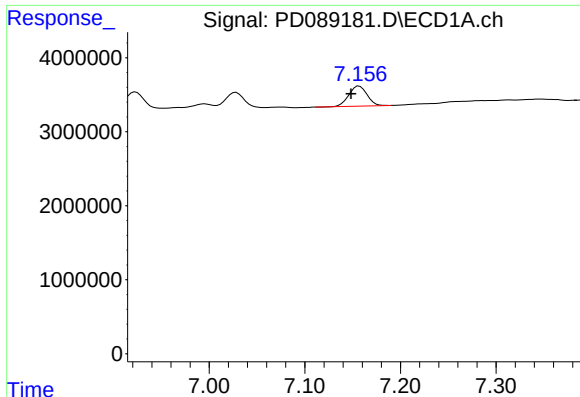
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.007 min
Response: 3759120
Conc: 1.23 ng/ml m



#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 18958022
Conc: 1.24 ng/ml



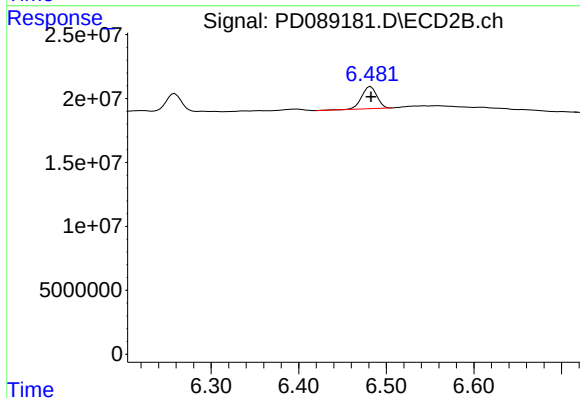
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.009 min
Response: 3650202
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

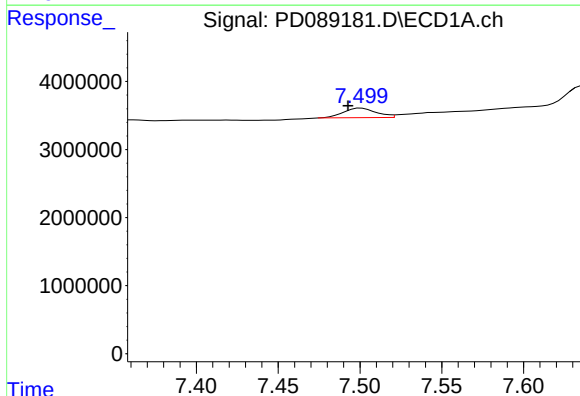
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



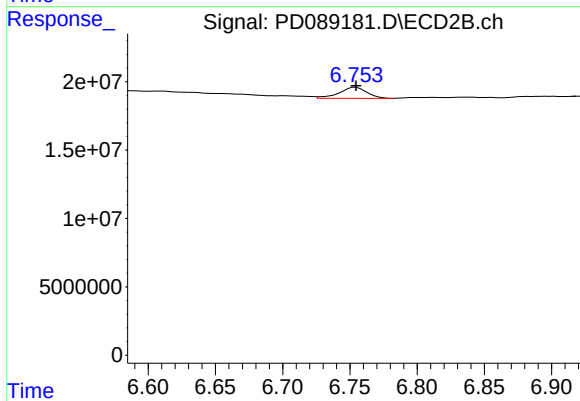
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 20852619
Conc: 1.06 ng/ml



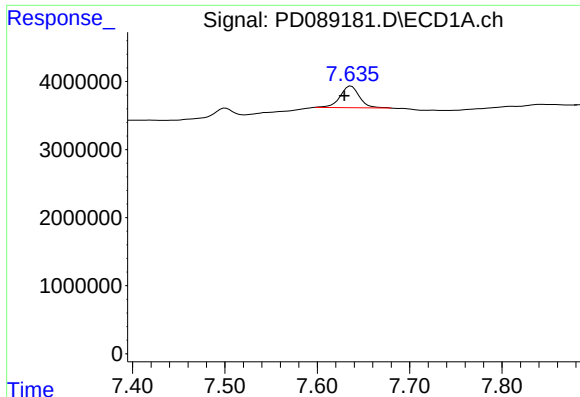
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.007 min
Response: 1918258
Conc: 0.95 ng/ml m



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 11643093
Conc: 1.08 ng/ml m



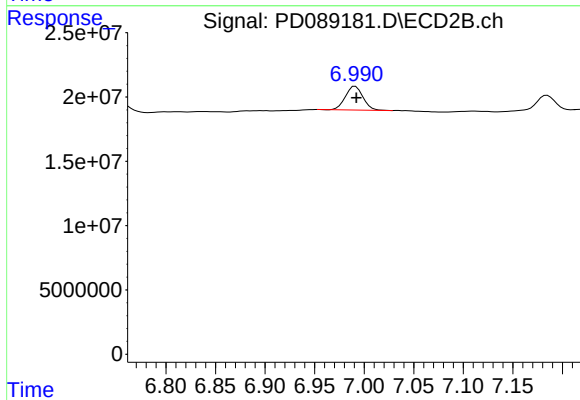
#21 Endrin ketone

R.T.: 7.637 min
Delta R.T.: 0.007 min
Response: 4615146
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

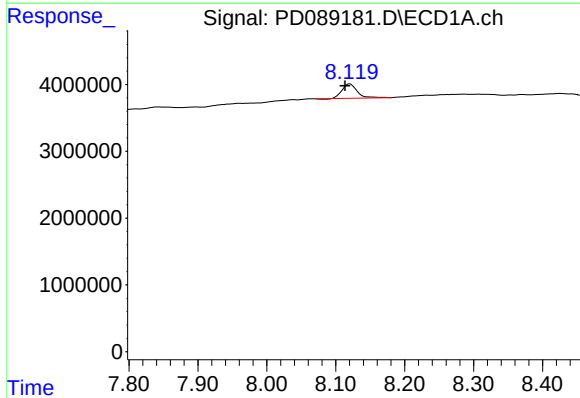
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



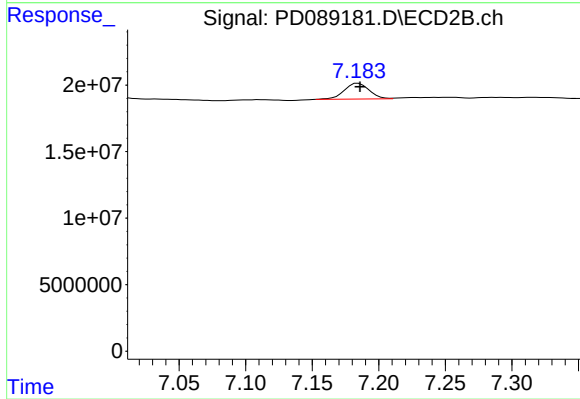
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 22905696
Conc: 1.06 ng/ml



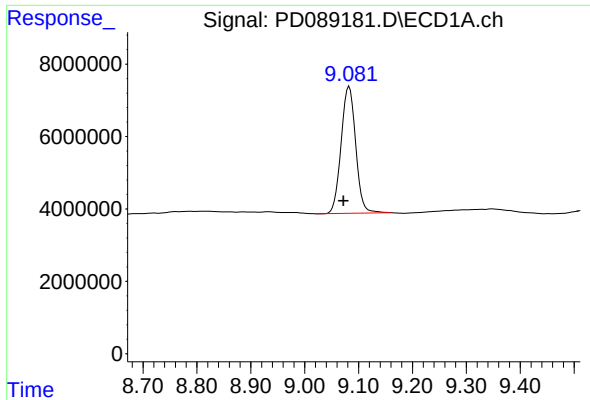
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.007 min
Response: 3312980
Conc: 1.09 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 15564553
Conc: 0.93 ng/ml



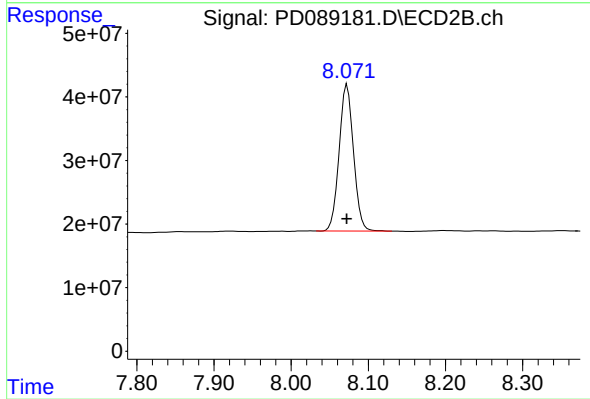
#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.011 min
Response: 65794229
Conc: 16.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2025
Supervised By :mohammad ahmed 07/01/2025



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 297714192
Conc: 15.06 ng/ml