

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
 Data File : PL089155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2024 15:01
 Operator : AR\AJ
 Sample : P2228-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EXCAVATION-SOILMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2024
 Supervised By :Ankita Jodhani 04/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 01:15:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.549	2.797	45117067	25884823	21.228m	19.420
28)	SA Decachlor...	9.062	7.949	23753879	22608967	18.649	16.884
Target Compounds							
2)	A alpha-BHC	4.005	3.303	141.3E6	100.4E6	47.247m	50.731
3)	MA gamma-BHC...	4.337	3.633	140.3E6	98882133	48.625m	51.403
4)	MA Heptachlor	4.928	3.976	118.3E6	92234122	47.550	51.325
5)	MB Aldrin	5.269	4.257	119.5E6	93125019	46.025m	50.766
6)	B beta-BHC	4.534	3.930	56051939	42245116	41.771	50.547
7)	B delta-BHC	4.779	4.162	123.5E6	91917984	46.196m	50.345
8)	B Heptachlo...	5.695	4.760	121.3E6	81670758	51.427	49.180
9)	A Endosulfan I	6.080	5.131	105.5E6	64226072	48.237	42.734
10)	B gamma-Chl...	5.951	5.010	128.4E6	95684550	55.850	58.328
11)	B alpha-Chl...	6.030	5.074	114.6E6	85527096	50.050	51.719
12)	B 4,4'-DDE	6.201	5.262	79215090	71648950	39.416	48.724m
13)	MA Dieldrin	6.356	5.394	111.5E6	97566443	49.422	59.685m
14)	MA Endrin	6.585	5.669	99664354	78439555	53.031	53.971m
15)	B Endosulfa...	6.803	5.964	95308761	75640231	49.478	52.908
16)	A 4,4'-DDD	6.718	5.818	90114191	54856785	55.906	45.299
17)	MA 4,4'-DDT	7.032	6.069	109.7E6	76421966	60.184	58.304
18)	B Endrin al...	6.932	6.143	75598186	53396387	51.652	48.588
19)	B Endosulfa...	7.165	6.365	86417675	75759477	50.336	56.045m
20)	A Methoxychlor	7.505	6.643	44860859	35072392	50.914m	46.924m
21)	B Endrin ke...	7.651	6.872	104.7E6	72410506	54.313	45.750
22)	Mirex	8.125	7.057	82582828	58911759	56.229	44.559

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
Data File : PL089155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2024 15:01
Operator : AR\AJ
Sample : P2228-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

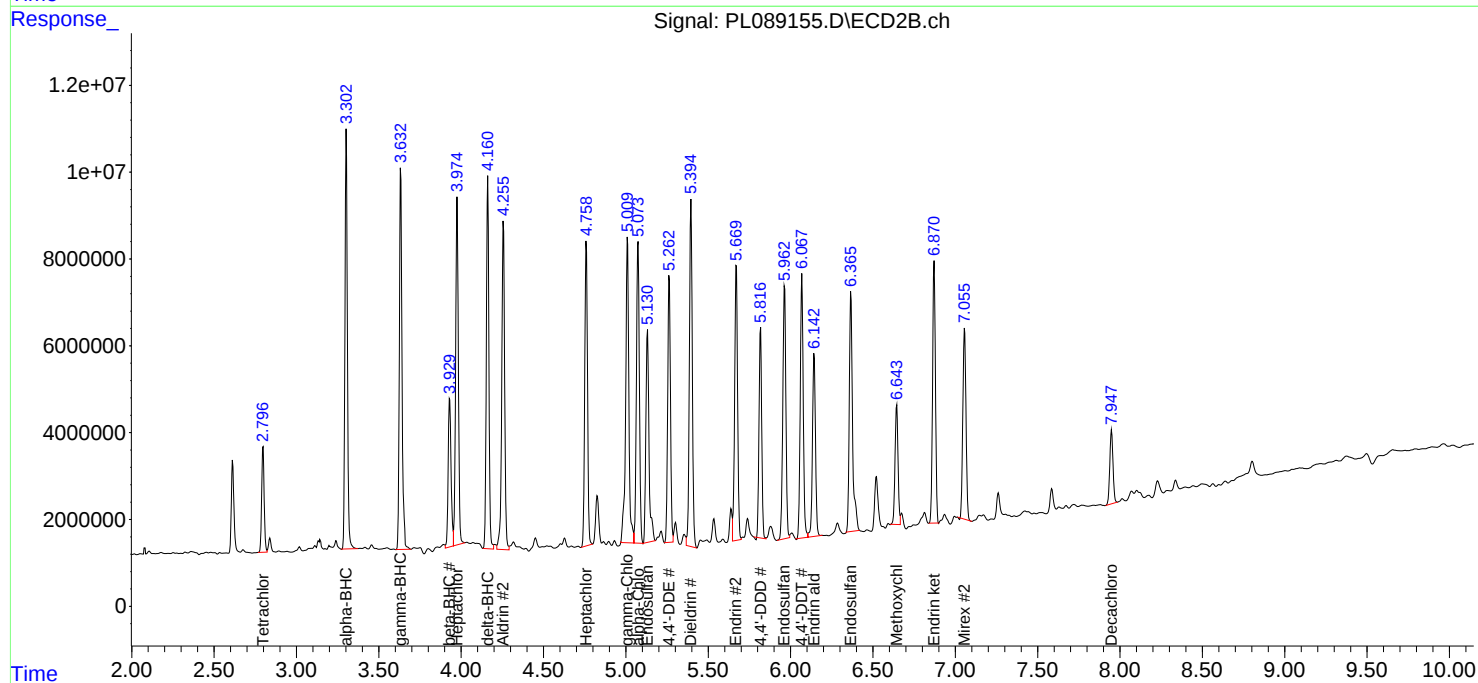
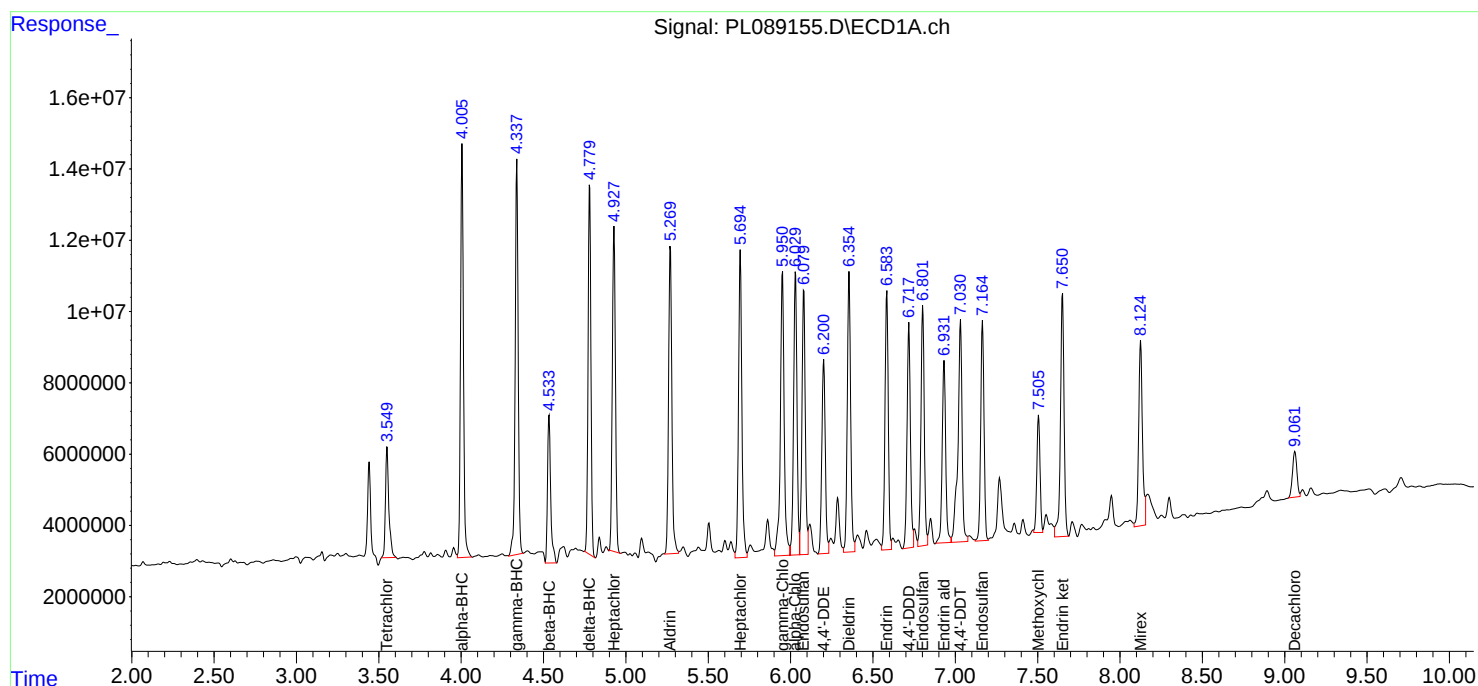
Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMSD

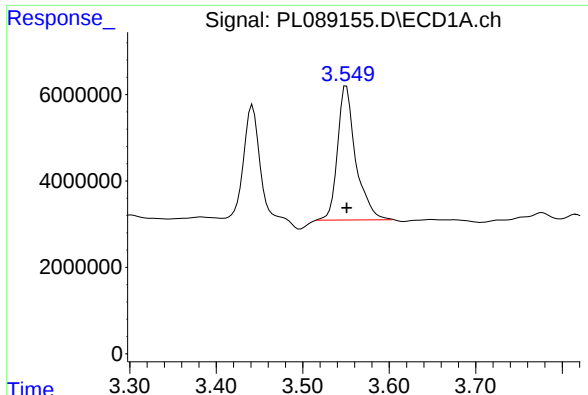
Manual Integrations
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Supervised By :Ankita Jodhani 04/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 01:15:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





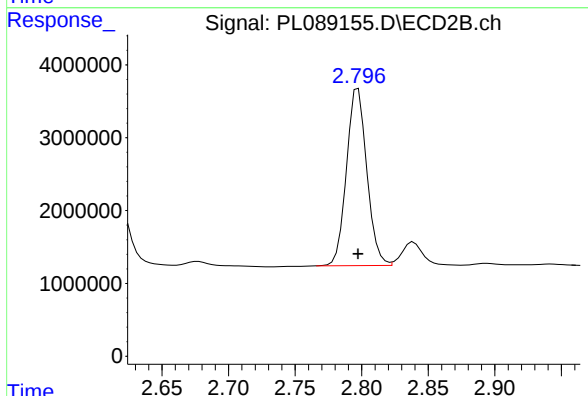
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 45117067
Conc: 21.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMSD

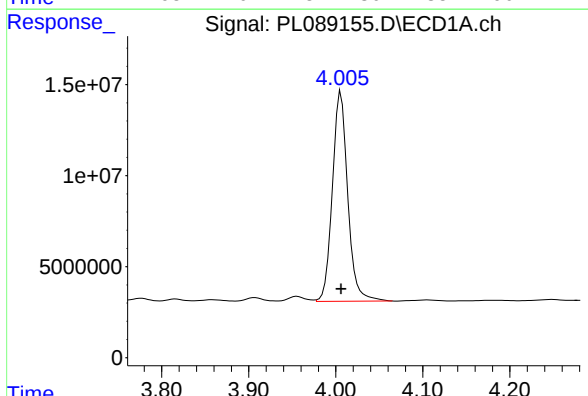
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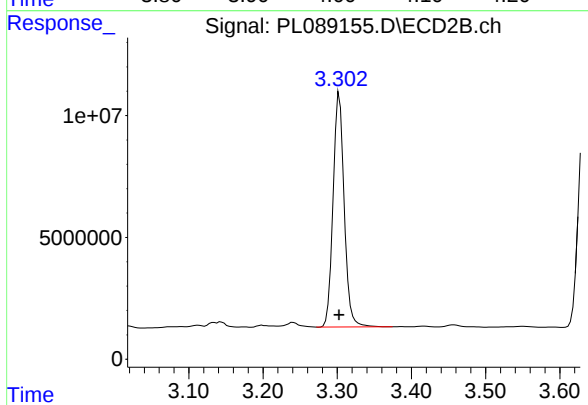
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 25884823
Conc: 19.42 ng/ml



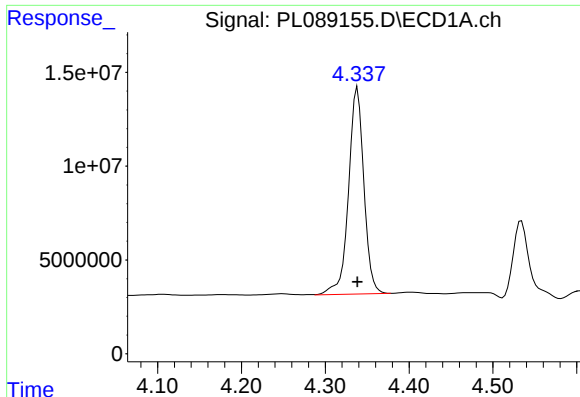
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 141270534
Conc: 47.25 ng/ml m



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 100372285
Conc: 50.73 ng/ml



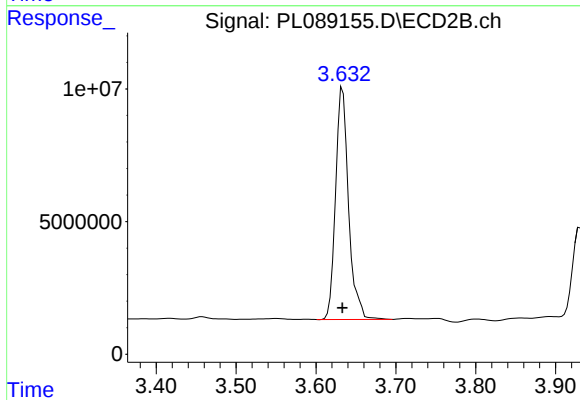
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 140291412
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMSD

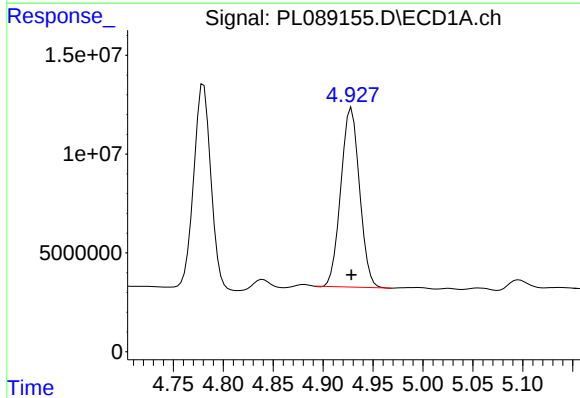
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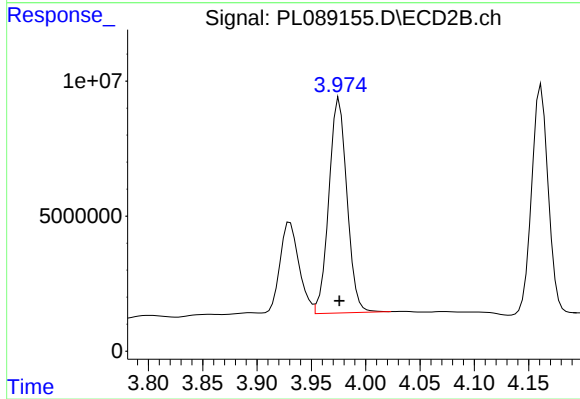
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 98882133
Conc: 51.40 ng/ml



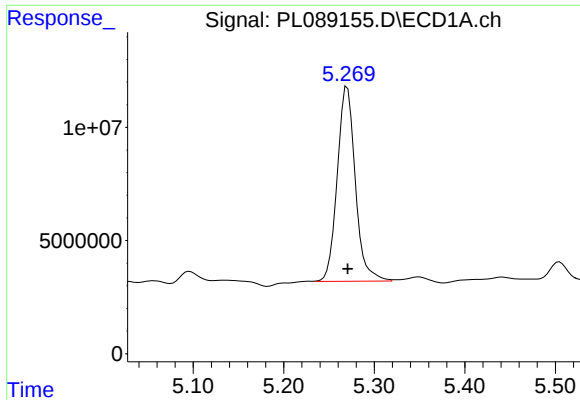
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 118313283
Conc: 47.55 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 92234122
Conc: 51.33 ng/ml



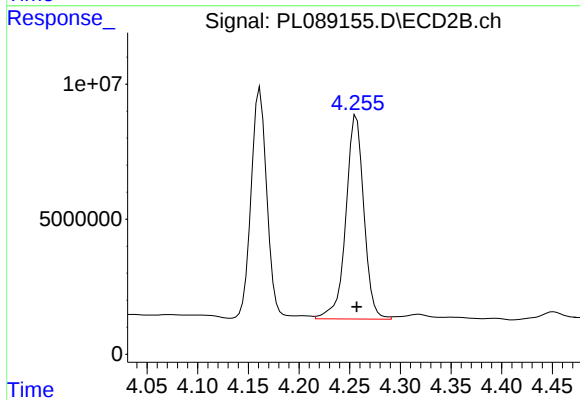
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.002 min
Response: 119461712
Conc: 46.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMSD

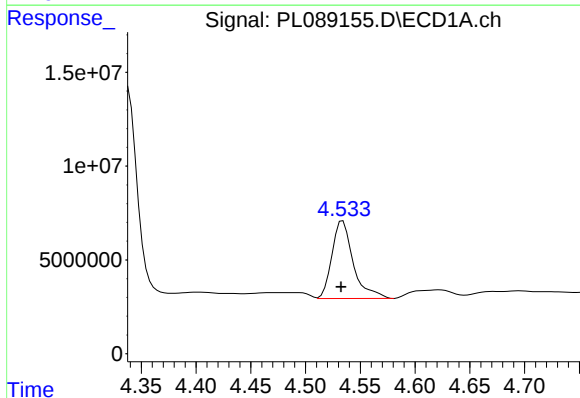
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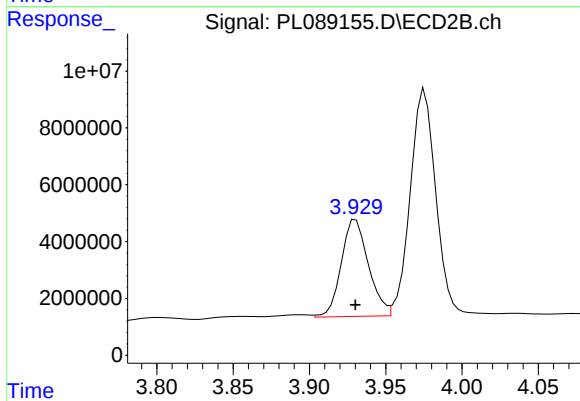
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 93125019
Conc: 50.77 ng/ml



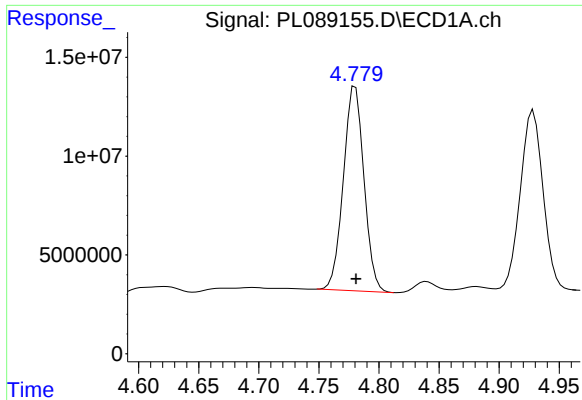
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 56051939
Conc: 41.77 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 42245116
Conc: 50.55 ng/ml



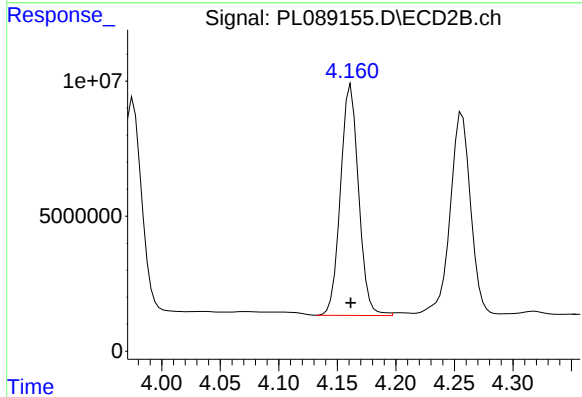
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: -0.002 min
Response: 123537894
Conc: 46.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMSD

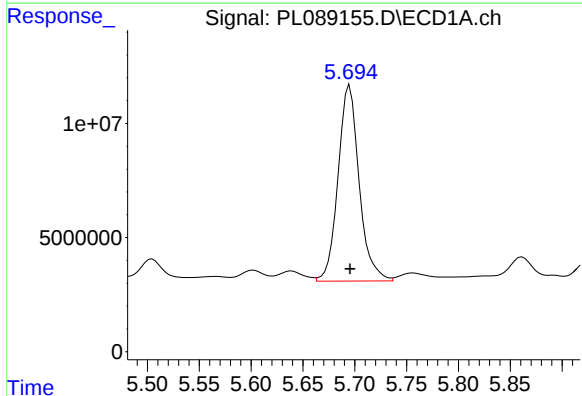
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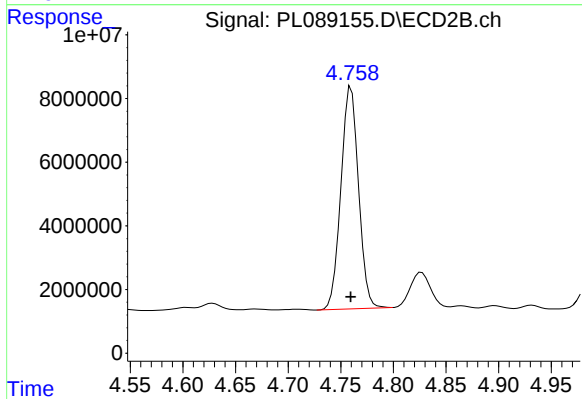
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 91917984
Conc: 50.35 ng/ml



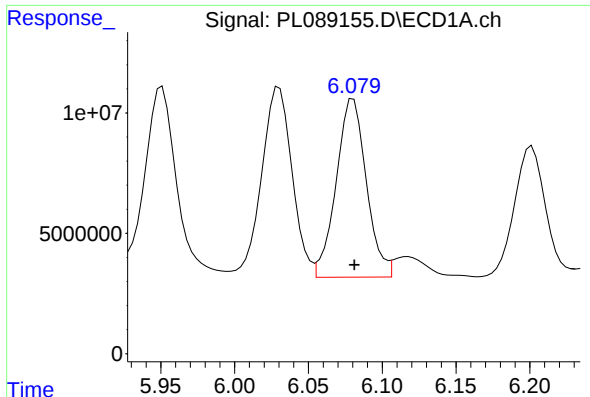
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 121348310
Conc: 51.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 81670758
Conc: 49.18 ng/ml



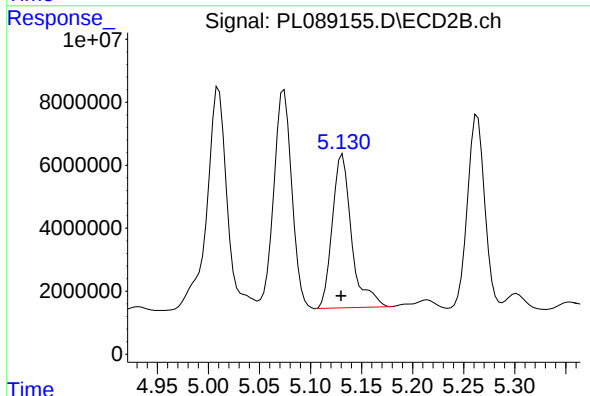
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 105480896
Conc: 48.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMSD

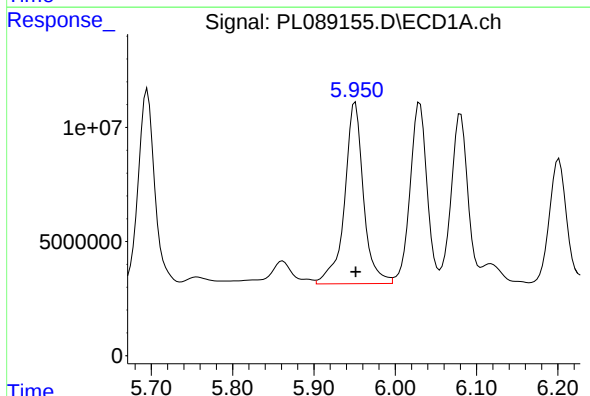
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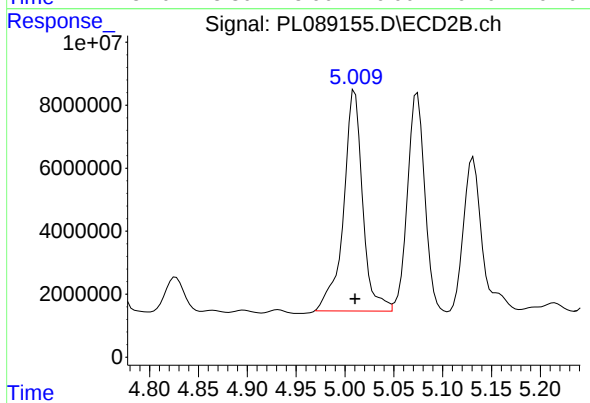
#9 Endosulfan I

R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 64226072
Conc: 42.73 ng/ml



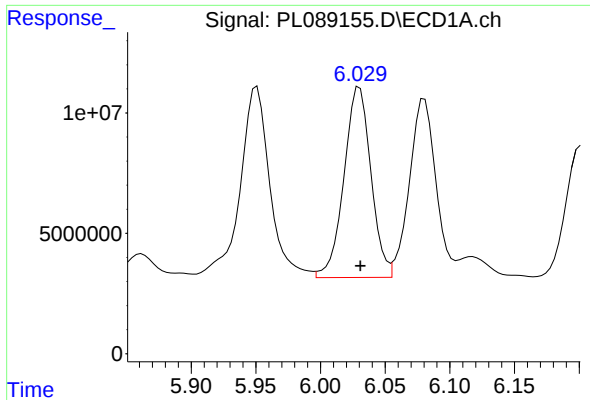
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 128388440
Conc: 55.85 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 95684550
Conc: 58.33 ng/ml



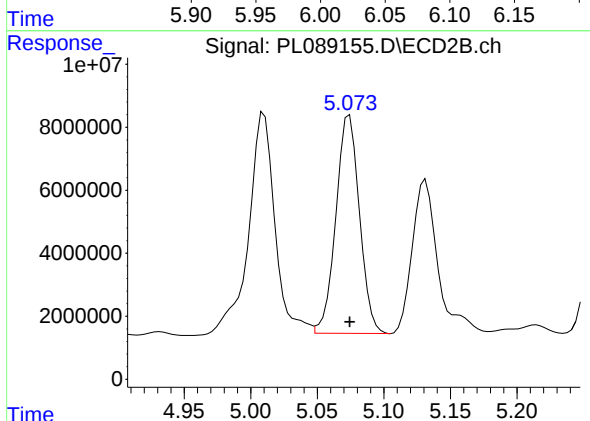
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 114582687
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMSD

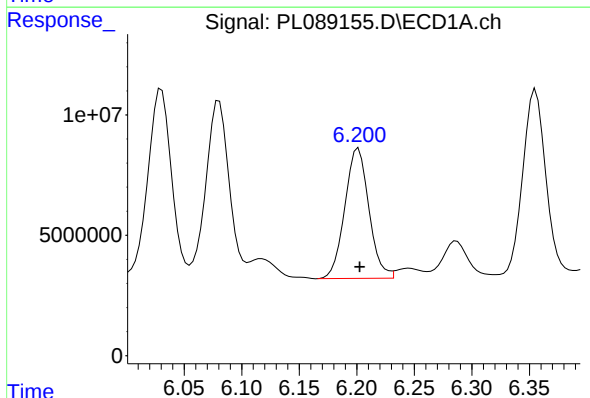
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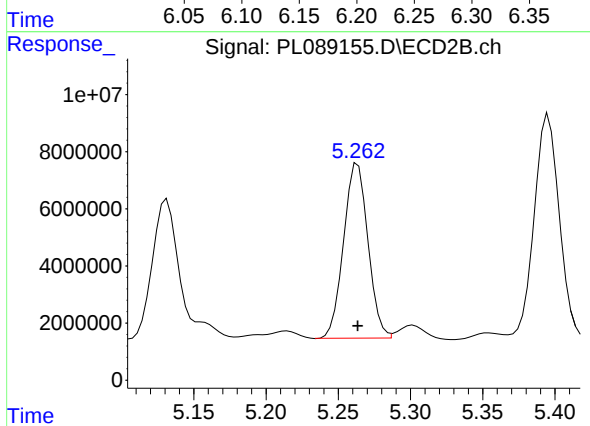
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 85527096
Conc: 51.72 ng/ml



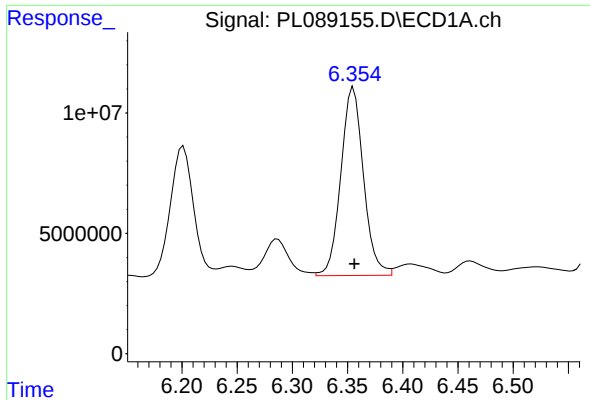
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 79215090
Conc: 39.42 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 71648950
Conc: 48.72 ng/ml m



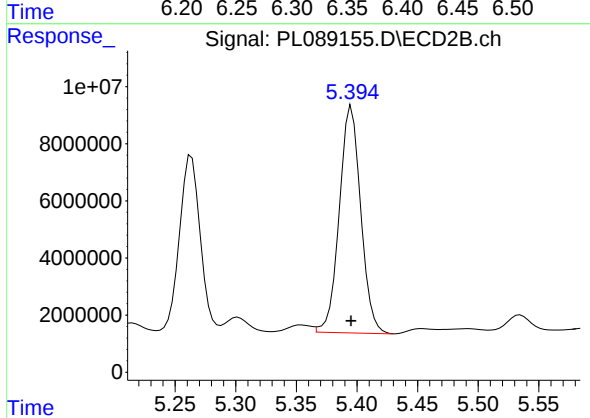
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 111452851
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMSD

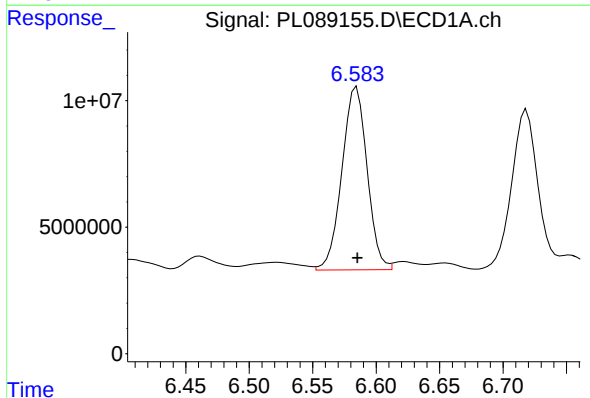
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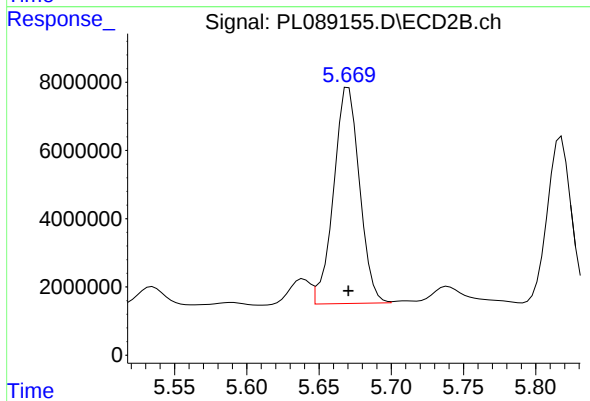
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 97566443
Conc: 59.68 ng/ml m



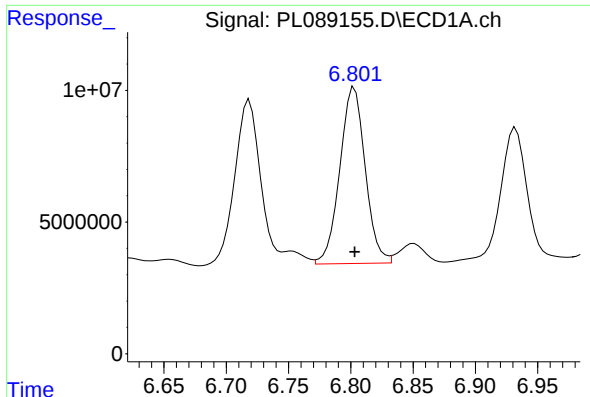
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 99664354
Conc: 53.03 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: -0.001 min
Response: 78439555
Conc: 53.97 ng/ml m



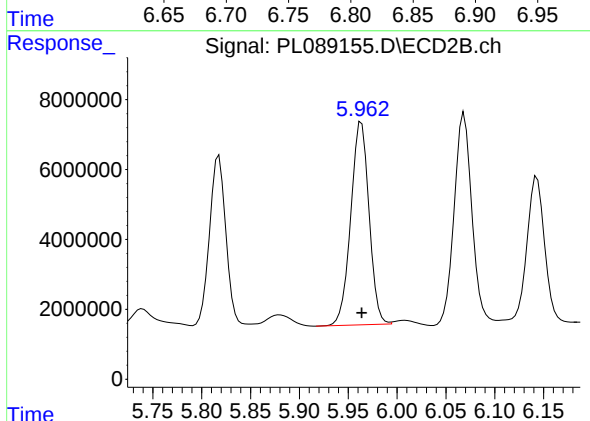
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 95308761
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMSD

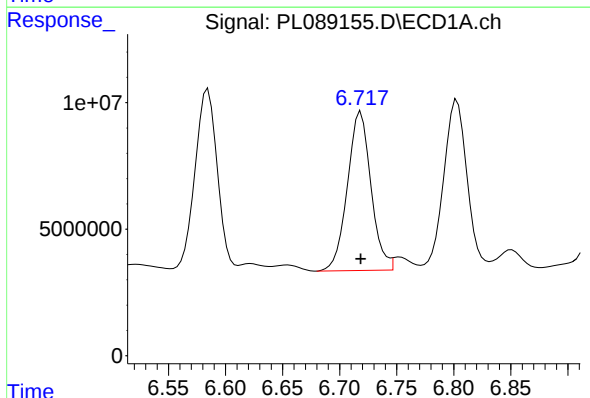
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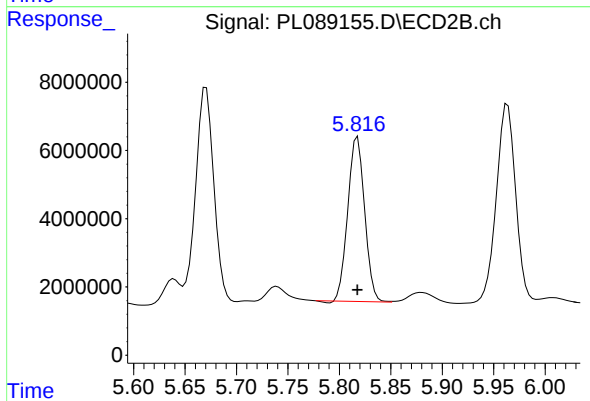
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 75640231
Conc: 52.91 ng/ml



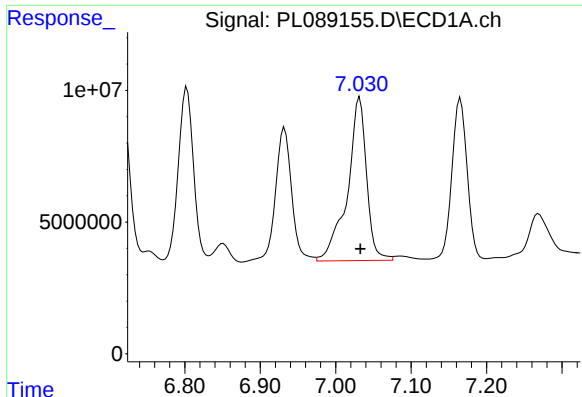
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 90114191
Conc: 55.91 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 54856785
Conc: 45.30 ng/ml



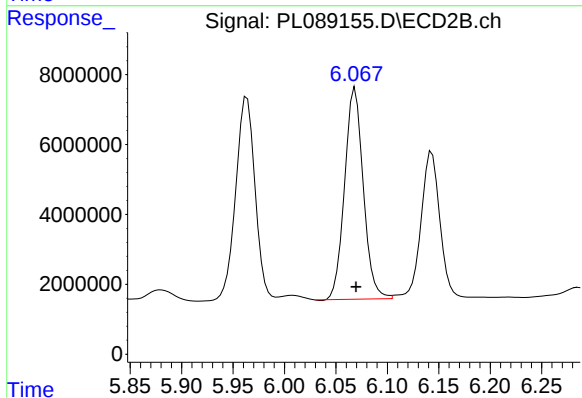
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 109669165
Conc: 60.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMSD

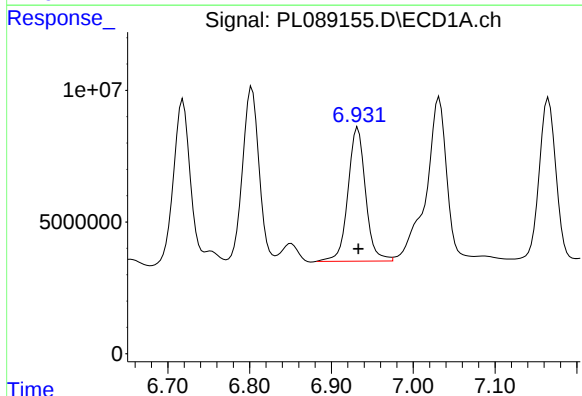
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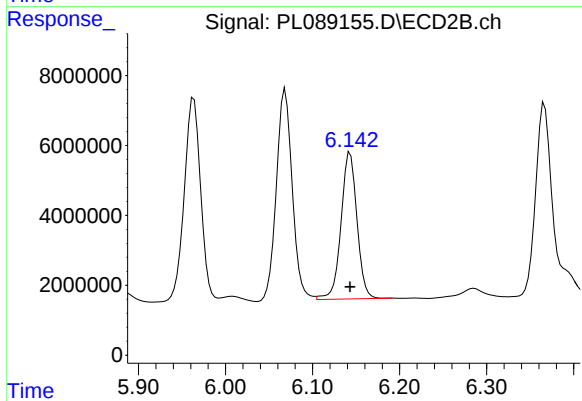
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 76421966
Conc: 58.30 ng/ml



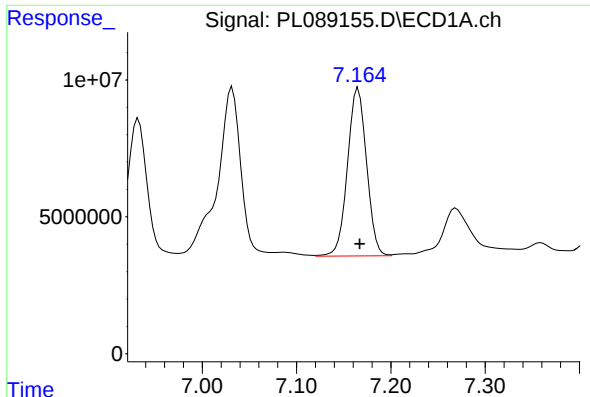
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 75598186
Conc: 51.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 53396387
Conc: 48.59 ng/ml



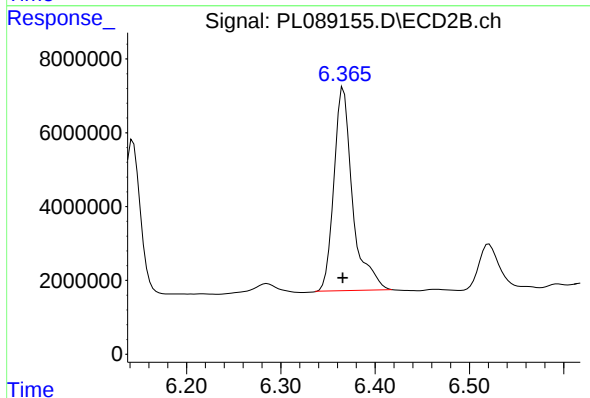
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: -0.002 min
Response: 86417675
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMSD

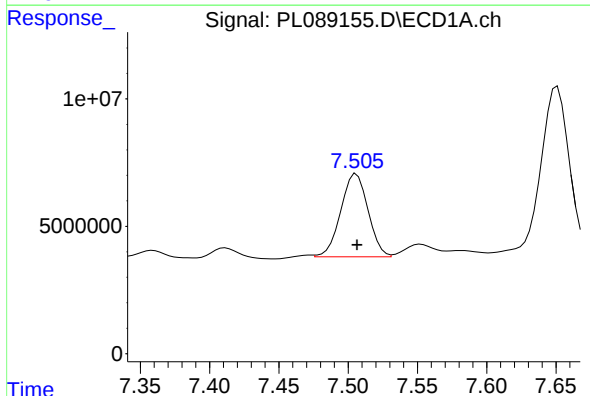
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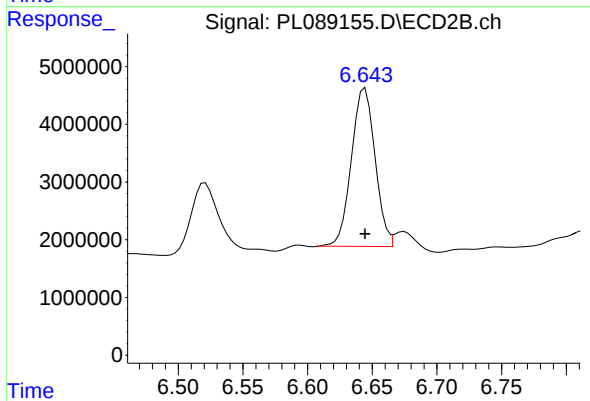
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 75759477
Conc: 56.04 ng/ml m



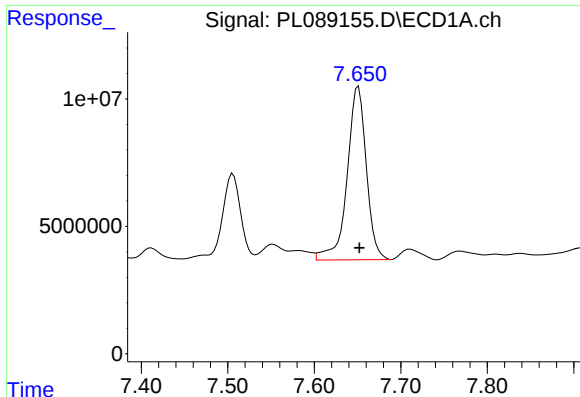
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: -0.002 min
Response: 44860859
Conc: 50.91 ng/ml m



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: -0.002 min
Response: 35072392
Conc: 46.92 ng/ml m



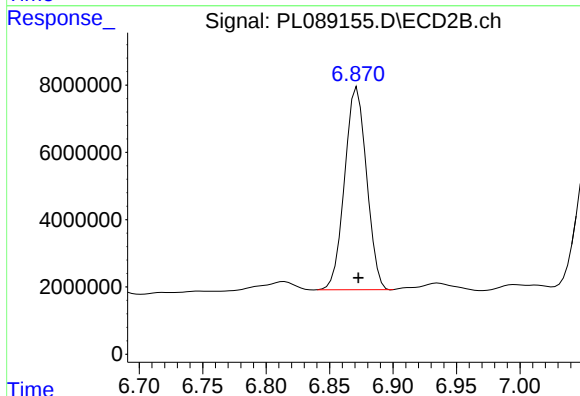
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: -0.001 min
Response: 104744691
Conc: 54.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMSD

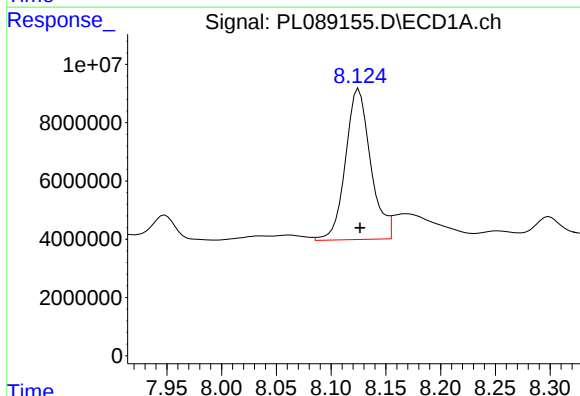
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2024
Supervised By :Ankita Jodhani 04/24/2024



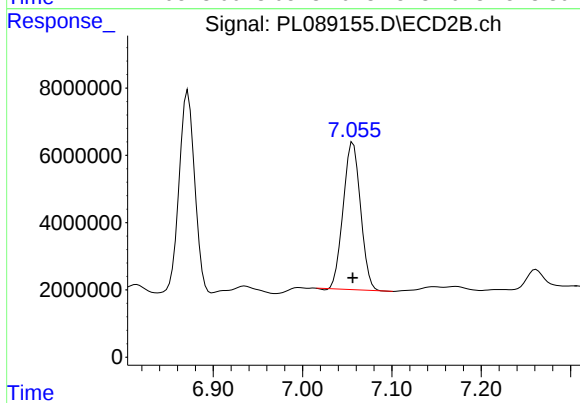
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 72410506
Conc: 45.75 ng/ml



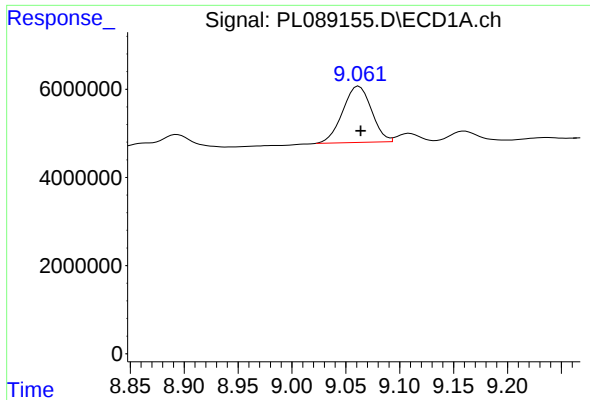
#22 Mirex

R.T.: 8.125 min
Delta R.T.: -0.001 min
Response: 82582828
Conc: 56.23 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 58911759
Conc: 44.56 ng/ml



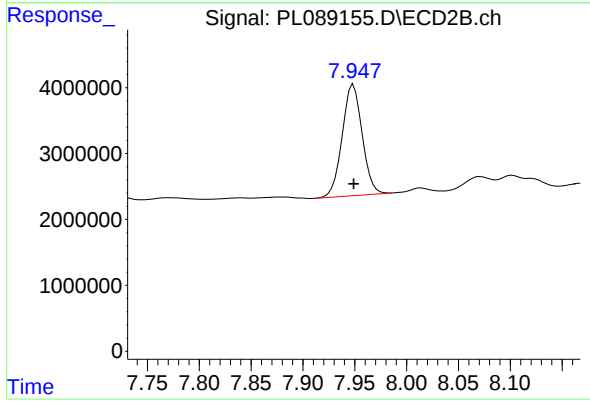
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 23753879
Conc: 18.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 22608967
Conc: 16.88 ng/ml