

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
 Data File : PL089154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2024 14:47
 Operator : AR\AJ
 Sample : P2228-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EXCAVATION-SOILMS

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 01:15:06 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	46248183	26334989	21.760m	19.758
28)	SA Decachlor...	9.062	7.949	24669018	23001470	19.367	17.177
Target Compounds							
2)	A alpha-BHC	4.005	3.303	142.0E6	101.9E6	47.493m	51.493
3)	MA gamma-BHC...	4.337	3.634	142.2E6	96717640	49.277m	50.278
4)	MA Heptachlor	4.928	3.976	120.2E6	94056432	48.315	52.339
5)	MB Aldrin	5.269	4.257	120.3E6	95263390	46.341m	51.931
6)	B beta-BHC	4.534	3.931	57056570	42494790	42.520	50.846
7)	B delta-BHC	4.779	4.162	125.5E6	93731951	46.941m	51.339
8)	B Heptachlo...	5.696	4.760	123.4E6	82611154	52.290	49.746
9)	A Endosulfan I	6.081	5.131	107.3E6	65139709	49.082	43.342
10)	B gamma-Chl...	5.951	5.009	130.3E6	100.3E6	56.666	61.120m
11)	B alpha-Chl...	6.030	5.075	116.5E6	86865852	50.867	52.528
12)	B 4,4'-DDE	6.202	5.262	80197976	73023724	39.905	49.659m
13)	MA Dieldrin	6.356	5.395	112.5E6	98794764	49.894	60.436m
14)	MA Endrin	6.584	5.670	101.0E6	78287338	53.725	53.867m
15)	B Endosulfa...	6.803	5.964	97088933	76223093	50.403	53.316
16)	A 4,4'-DDD	6.718	5.817	91945730	57319859	57.042	47.333m
17)	MA 4,4'-DDT	7.032	6.069	112.2E6	77736202	61.589	59.306
18)	B Endrin al...	6.933	6.144	77958671	54502606	53.265	49.594
19)	B Endosulfa...	7.166	6.365	88212801	78690644	51.382	58.213m
20)	A Methoxychlor	7.505	6.645	46849142	37337838	53.170m	49.955
21)	B Endrin ke...	7.651	6.872	106.1E6	72930437	54.992	46.079
22)	Mirex	8.126	7.055	83502413	62527782	56.856	47.294m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
Data File : PL089154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2024 14:47
Operator : AR\AJ
Sample : P2228-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

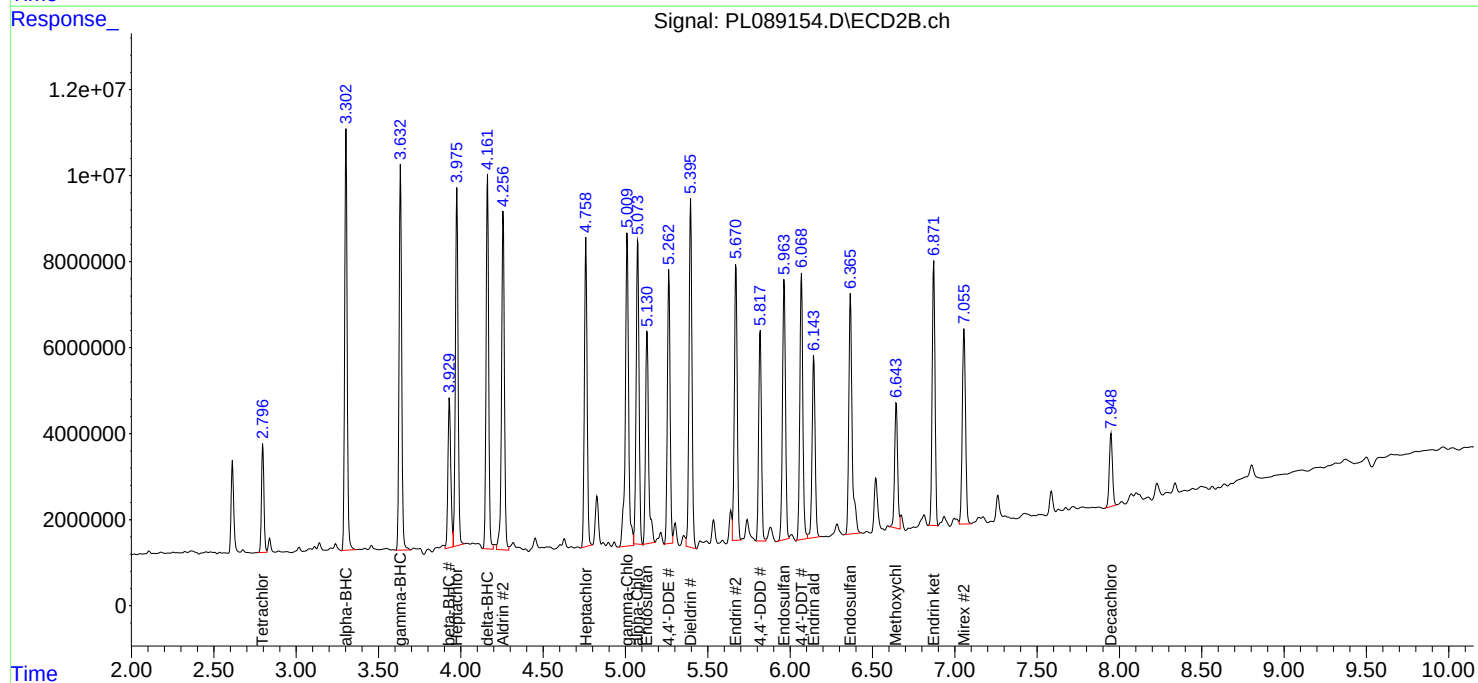
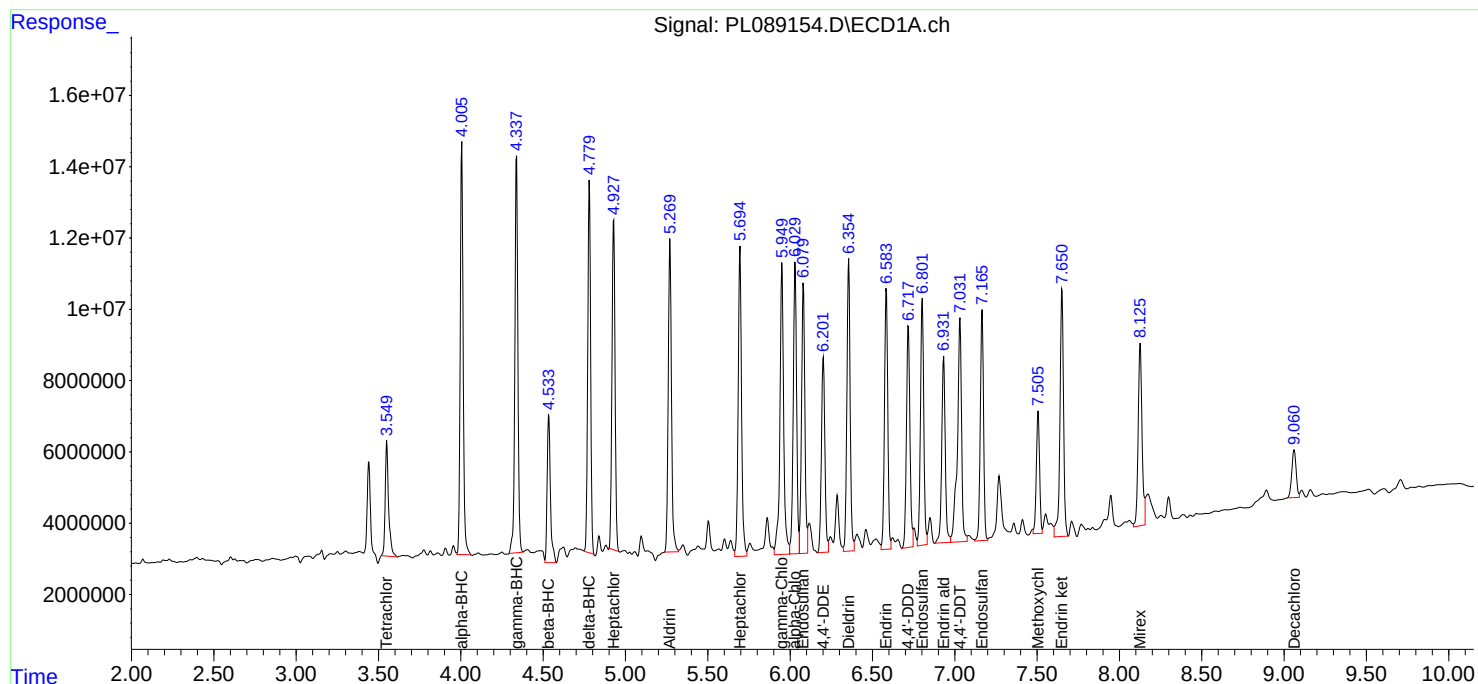
Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMS

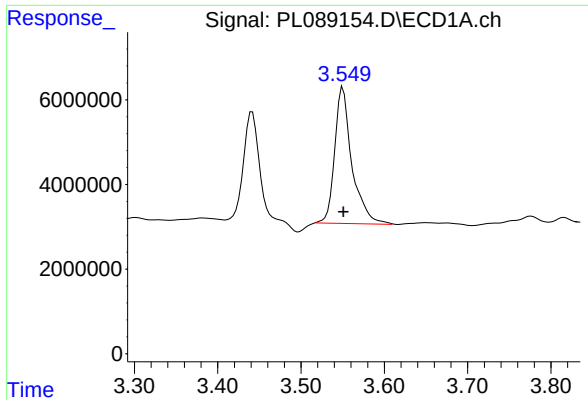
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 01:15:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 2024
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





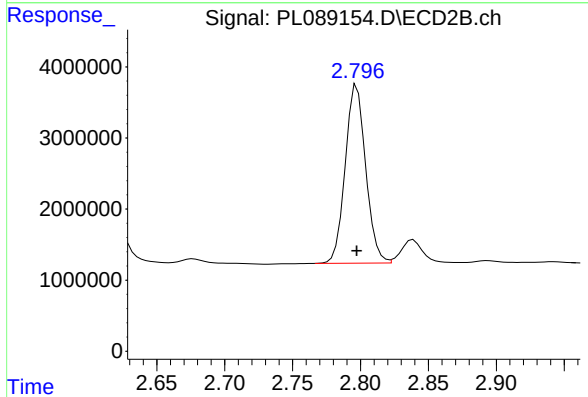
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 46248183
Conc: 21.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMS

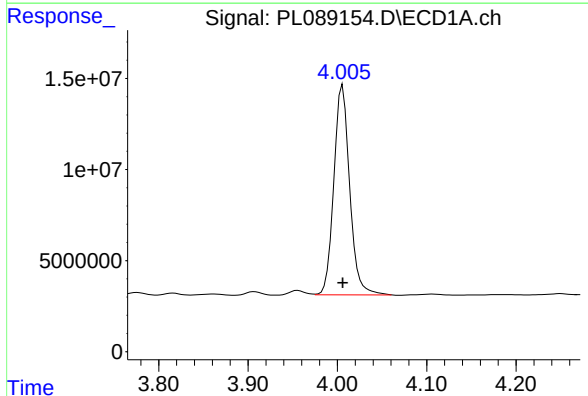
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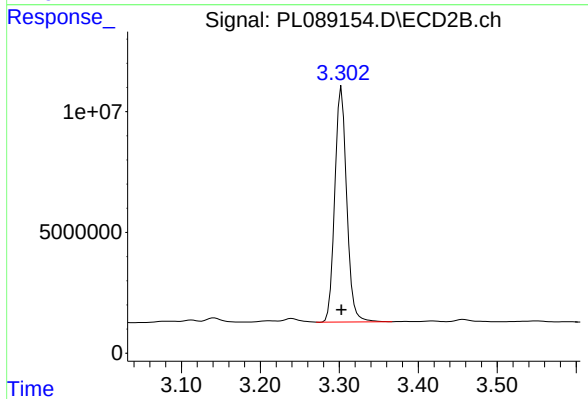
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 26334989
Conc: 19.76 ng/ml



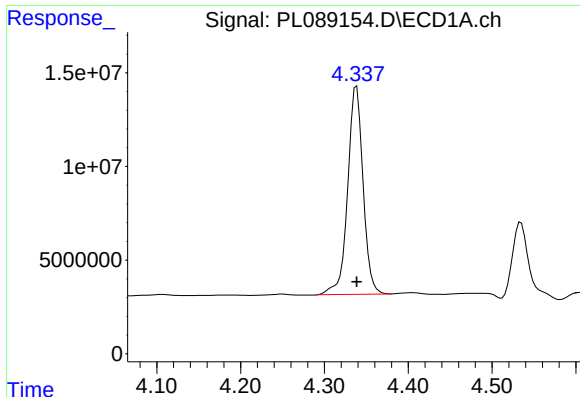
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 142004870
Conc: 47.49 ng/ml m



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 101879323
Conc: 51.49 ng/ml



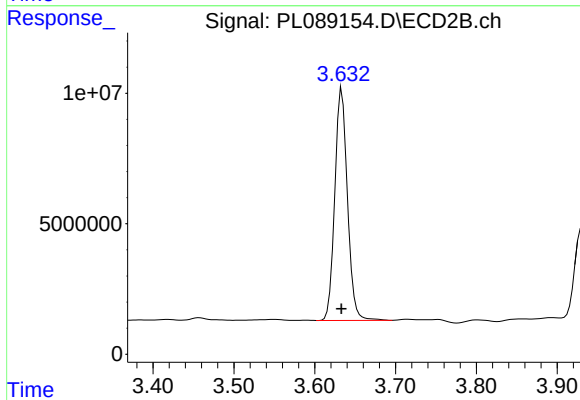
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 142173618
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMS

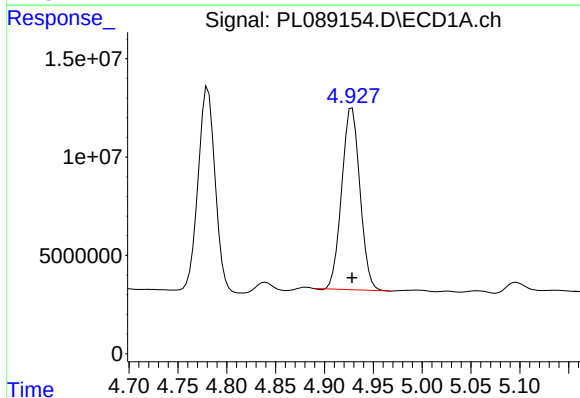
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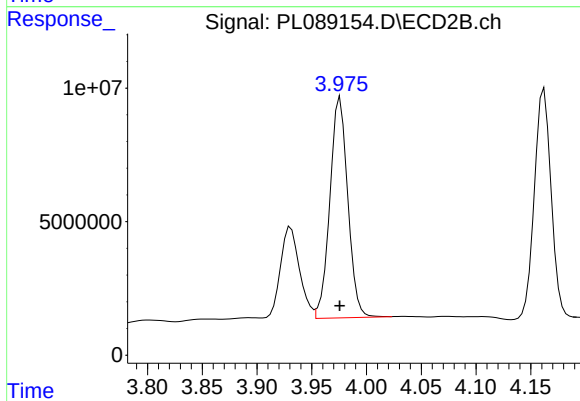
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 96717640
Conc: 50.28 ng/ml



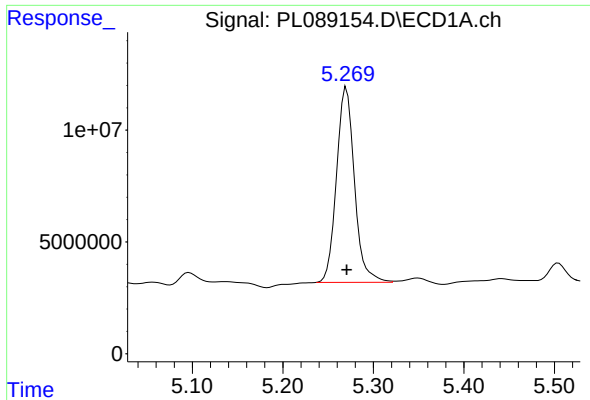
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 120217881
Conc: 48.32 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 94056432
Conc: 52.34 ng/ml



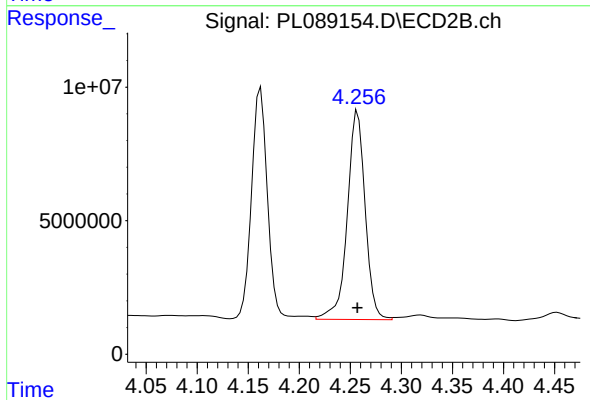
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.002 min
Response: 120279787
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMS

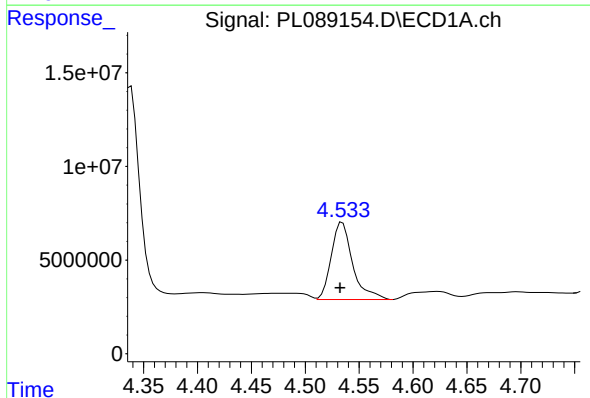
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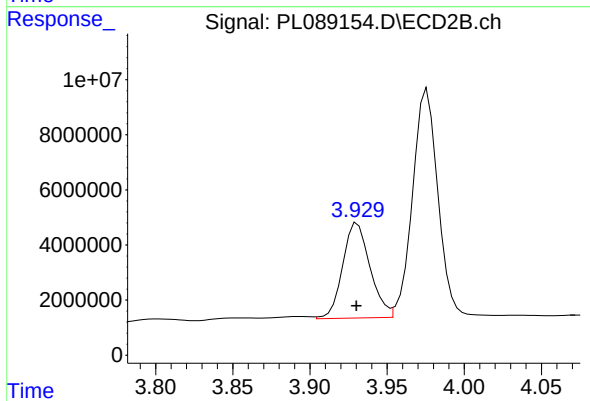
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 95263390
Conc: 51.93 ng/ml



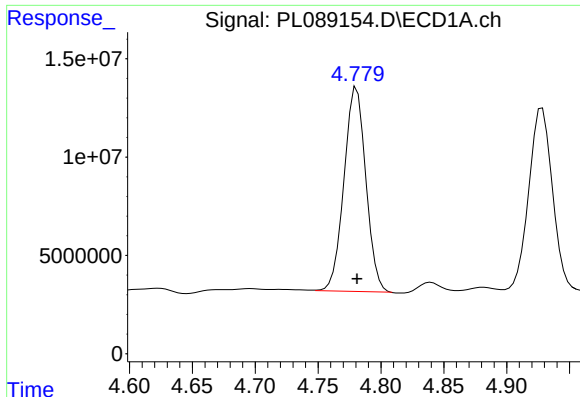
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 57056570
Conc: 42.52 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 42494790
Conc: 50.85 ng/ml



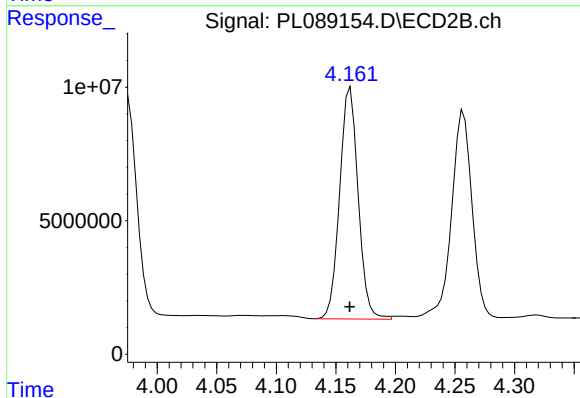
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: -0.002 min
Response: 125530684
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMS

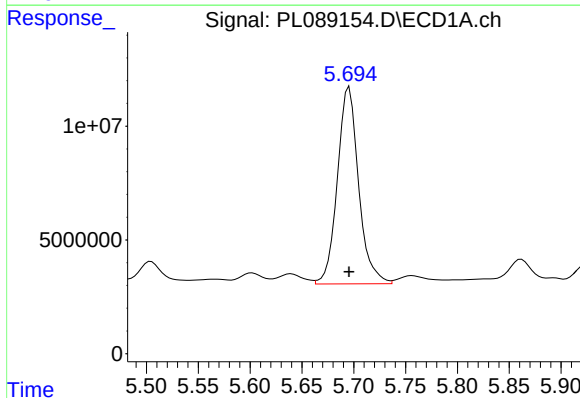
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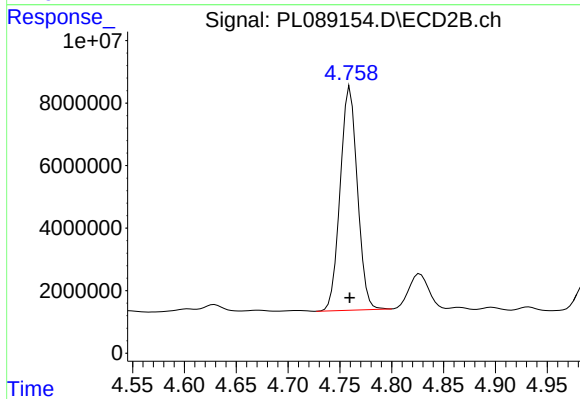
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 93731951
Conc: 51.34 ng/ml



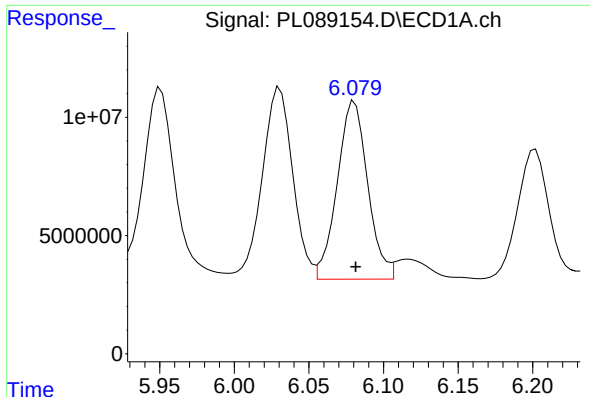
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 123383795
Conc: 52.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 82611154
Conc: 49.75 ng/ml



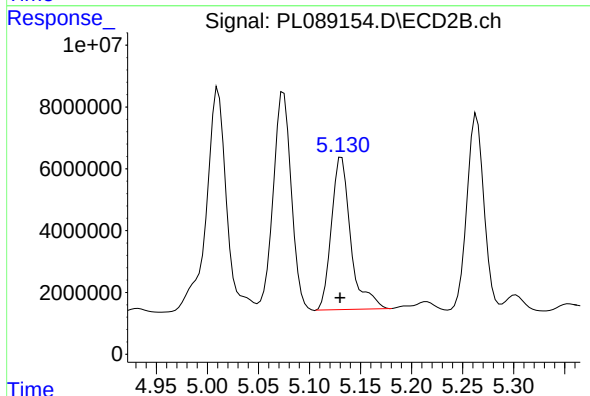
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 107327684
Conc: 49.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMS

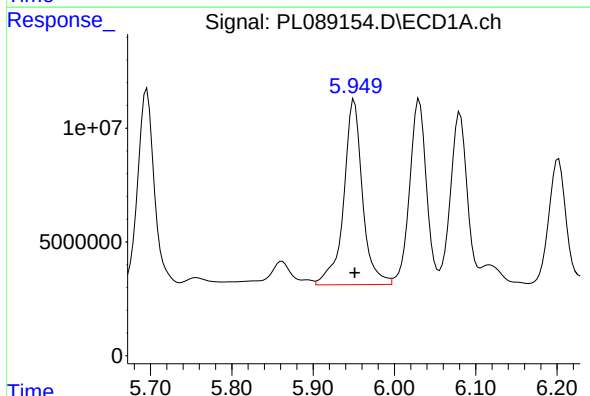
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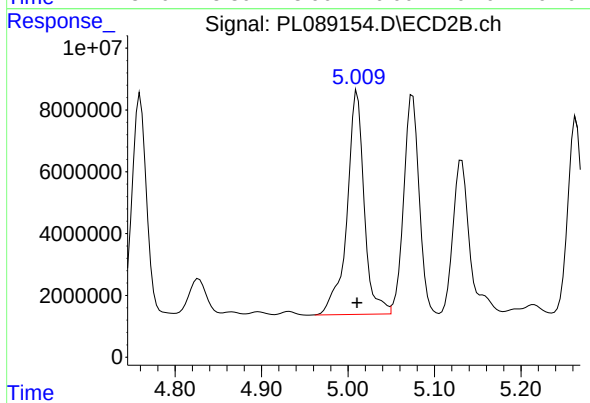
#9 Endosulfan I

R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 65139709
Conc: 43.34 ng/ml



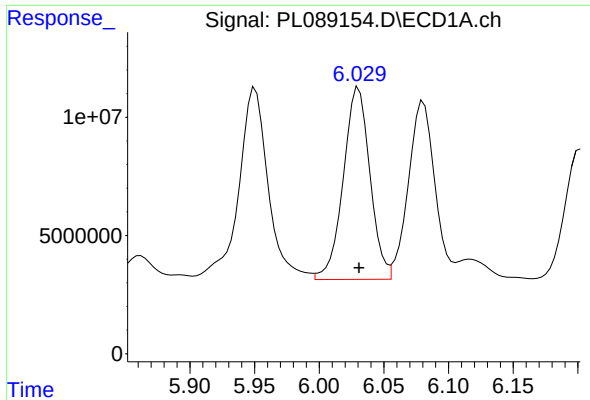
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 130264639
Conc: 56.67 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: -0.001 min
Response: 100264629
Conc: 61.12 ng/ml m



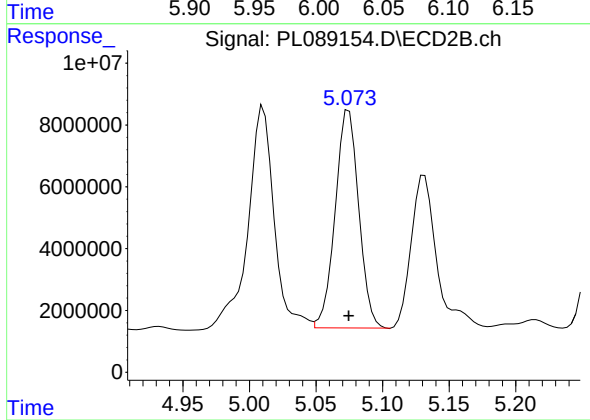
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 116454915
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMS

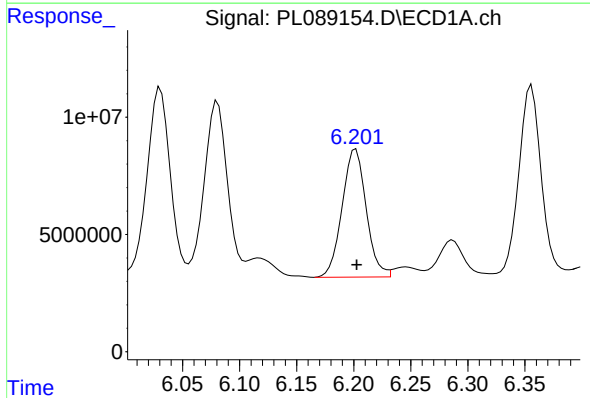
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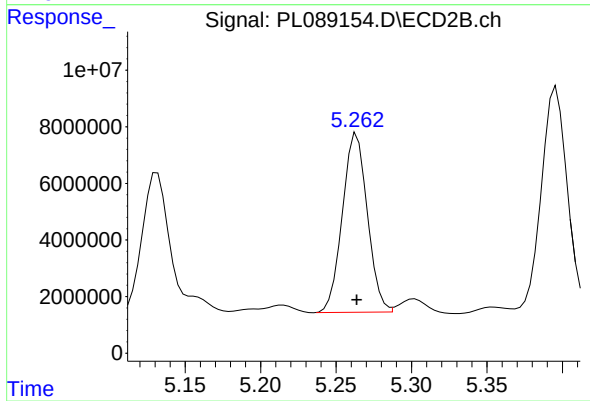
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 86865852
Conc: 52.53 ng/ml



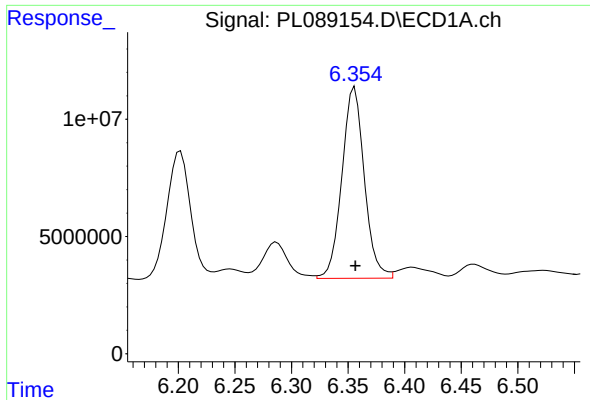
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 80197976
Conc: 39.91 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 73023724
Conc: 49.66 ng/ml m



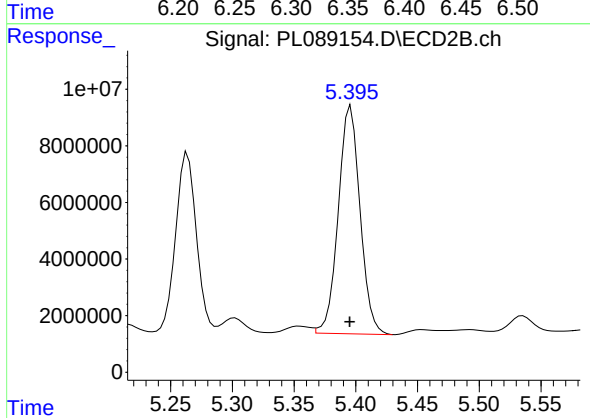
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 112516488
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMS

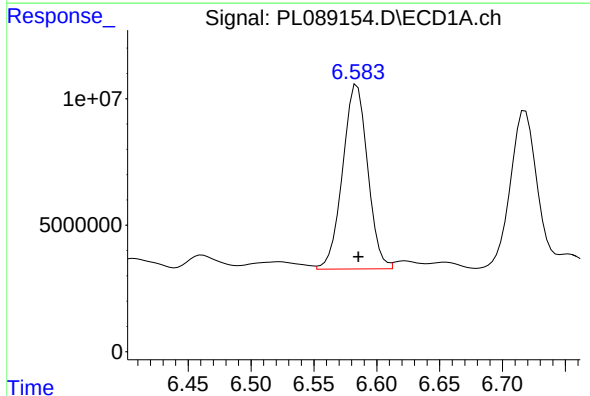
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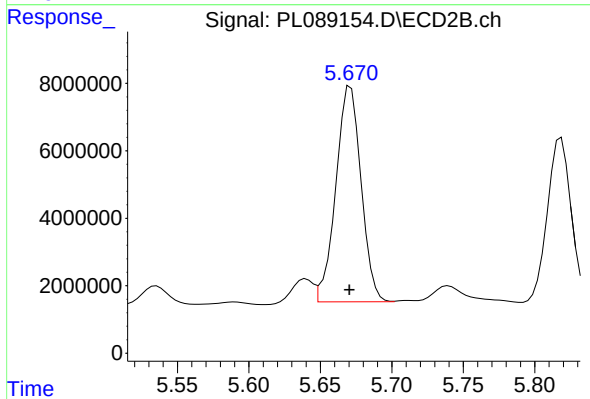
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 98794764
Conc: 60.44 ng/ml m



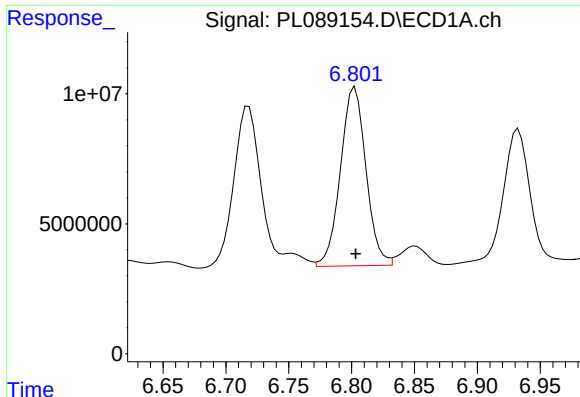
#14 Endrin

R.T.: 6.584 min
Delta R.T.: -0.001 min
Response: 100968174
Conc: 53.72 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 78287338
Conc: 53.87 ng/ml m



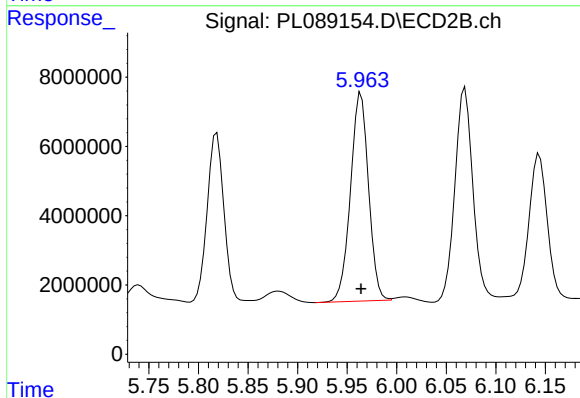
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 97088933
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMS

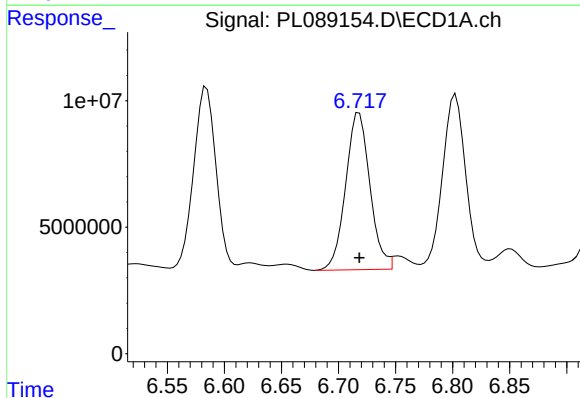
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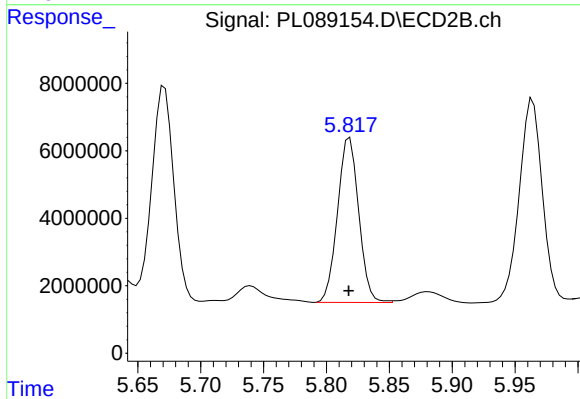
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 76223093
Conc: 53.32 ng/ml



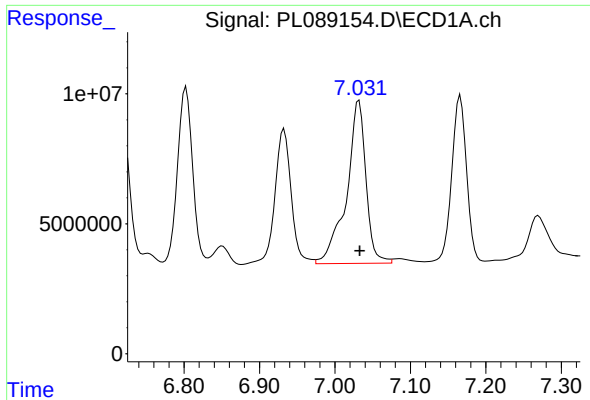
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 91945730
Conc: 57.04 ng/ml



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 57319859
Conc: 47.33 ng/ml m



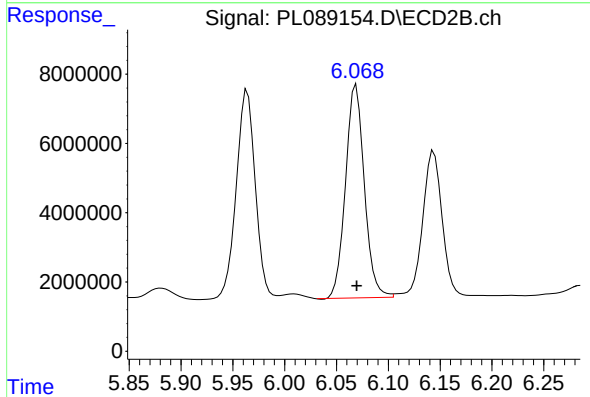
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 112230010
Conc: 61.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMS

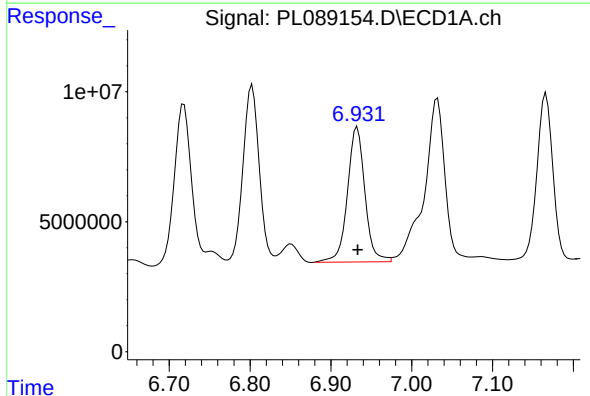
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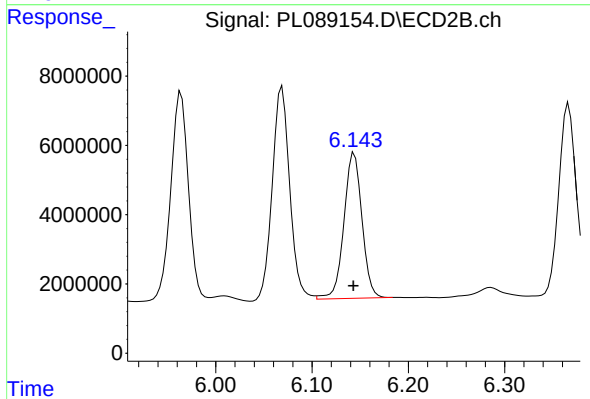
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 77736202
Conc: 59.31 ng/ml



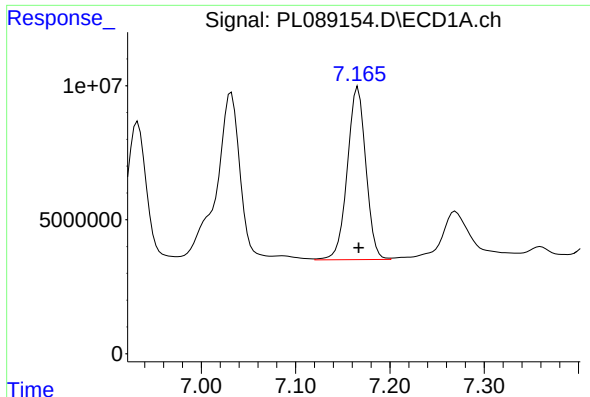
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 77958671
Conc: 53.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 54502606
Conc: 49.59 ng/ml



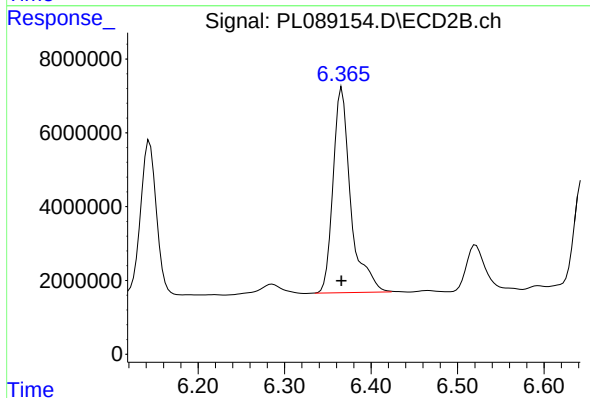
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.000 min
Response: 88212801
Conc: 51.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMS

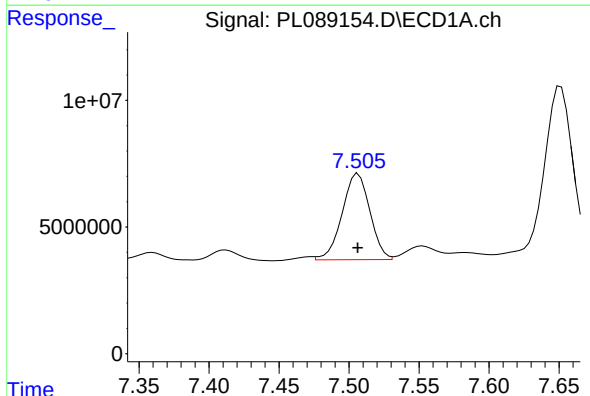
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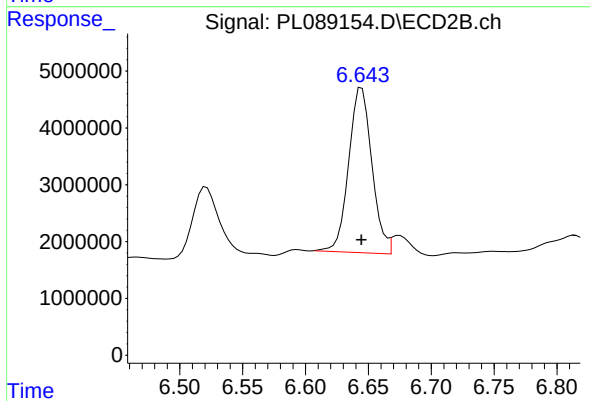
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 78690644
Conc: 58.21 ng/ml m



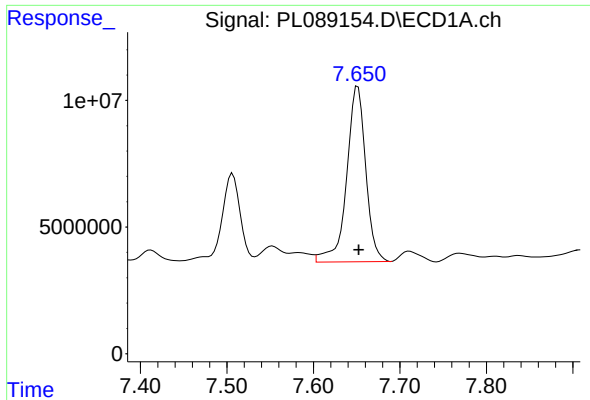
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: -0.001 min
Response: 46849142
Conc: 53.17 ng/ml m



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 37337838
Conc: 49.96 ng/ml



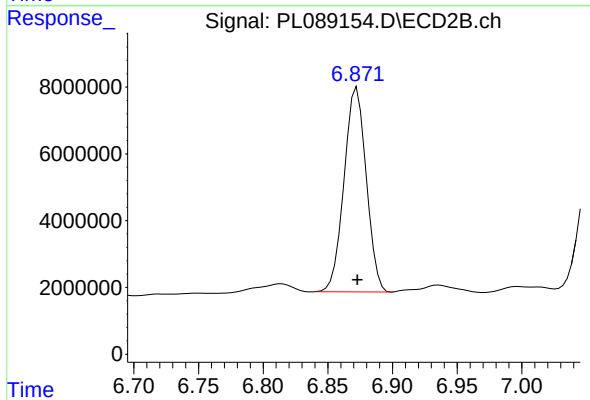
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: -0.001 min
Response: 106052607
Conc: 54.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMS

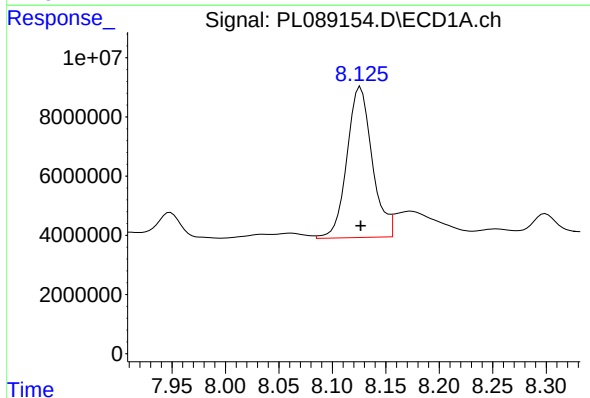
Manual Integrations
APPROVED

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



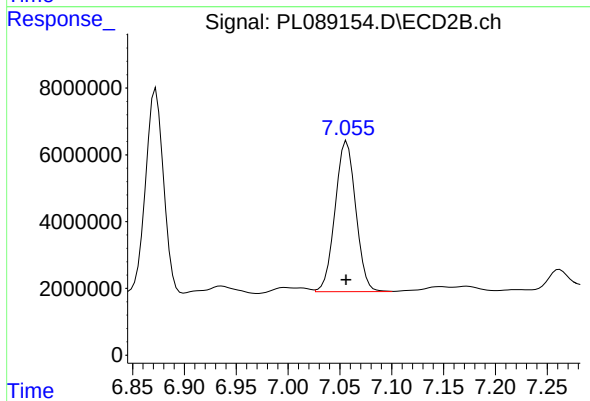
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 72930437
Conc: 46.08 ng/ml



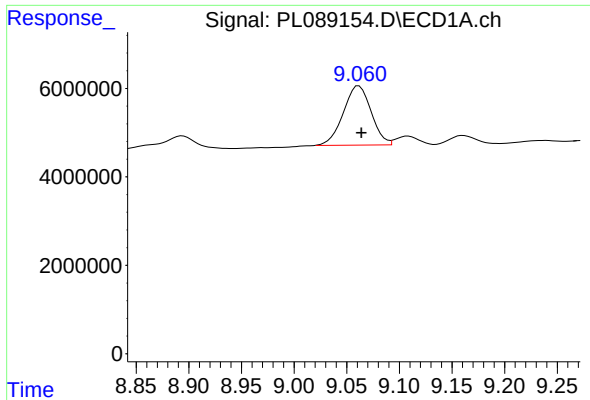
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 83502413
Conc: 56.86 ng/ml



#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 62527782
Conc: 47.29 ng/ml m



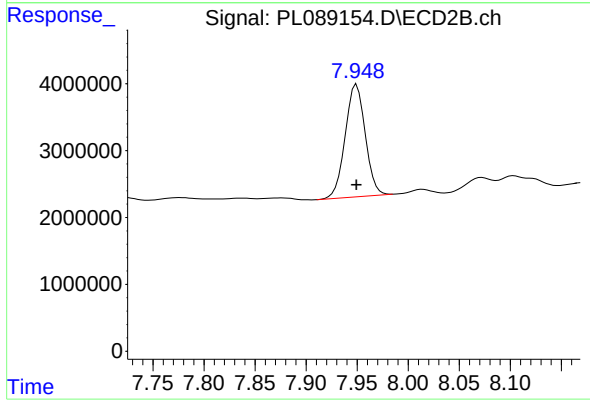
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 24669018
Conc: 19.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXCAVATION-SOILMS

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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 23001470
Conc: 17.18 ng/ml