

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
 Data File : PL095297.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 18:55
 Operator : AR\AJ
 Sample : Q1821-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-CUTTINGMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/18/2025
 Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 00:29:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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 x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.534	2.768	41199485	52633652	15.018m	14.144
28) SA Decachlor...	9.048	7.898	35784581	61516278	14.863	13.984
Target Compounds						
2) A alpha-BHC	3.992	3.269	168.1E6	231.9E6	41.816	41.875
3) MA gamma-BHC...	4.324	3.599	159.8E6	217.3E6	41.547	41.281
4) MA Heptachlor	4.912	3.936	154.5E6	222.0E6	42.141	42.705
5) MB Aldrin	5.253	4.215	152.1E6	211.2E6	43.089	43.337
6) B beta-BHC	4.523	3.899	71834914	96022807	40.972	41.440
7) B delta-BHC	4.770	4.127	165.3E6	218.1E6	42.189	42.192
8) B Heptachlo...	5.679	4.718	136.7E6	199.6E6	42.567	43.696
9) A Endosulfan I	6.065	5.087	132.1E6	191.9E6	42.637	44.207
10) B gamma-Chl...	5.934	4.967	144.1E6	214.0E6	43.137m	44.427
11) B alpha-Chl...	6.015	5.030	140.2E6	207.0E6	42.233	43.682
12) B 4,4'-DDE	6.189	5.219	134.3E6	206.4E6	41.063	42.864
13) MA Dieldrin	6.340	5.351	142.7E6	211.6E6	43.322	44.083
14) MA Endrin	6.570	5.626	113.3E6	189.8E6	43.457	45.441
15) B Endosulfa...	6.790	5.922	116.2E6	190.9E6	40.755	43.471
16) A 4,4'-DDD	6.706	5.774	116.0E6	168.4E6	45.670	43.289
17) MA 4,4'-DDT	7.020	6.023	106.8E6	174.0E6	41.948	41.757
18) B Endrin al...	6.921	6.101	91481897	143.7E6	41.562	42.655
19) B Endosulfa...	7.155	6.324	110.3E6	183.9E6	42.927	44.031
20) A Methoxychlor	7.496	6.599	52489705	98130218	39.188	43.697
21) B Endrin ke...	7.640	6.829	127.6E6	210.1E6	44.208	41.668
22) Mirex	8.112	7.006	88551183	160.3E6	41.628	40.767m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 18:55
Operator : AR\AJ
Sample : Q1821-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

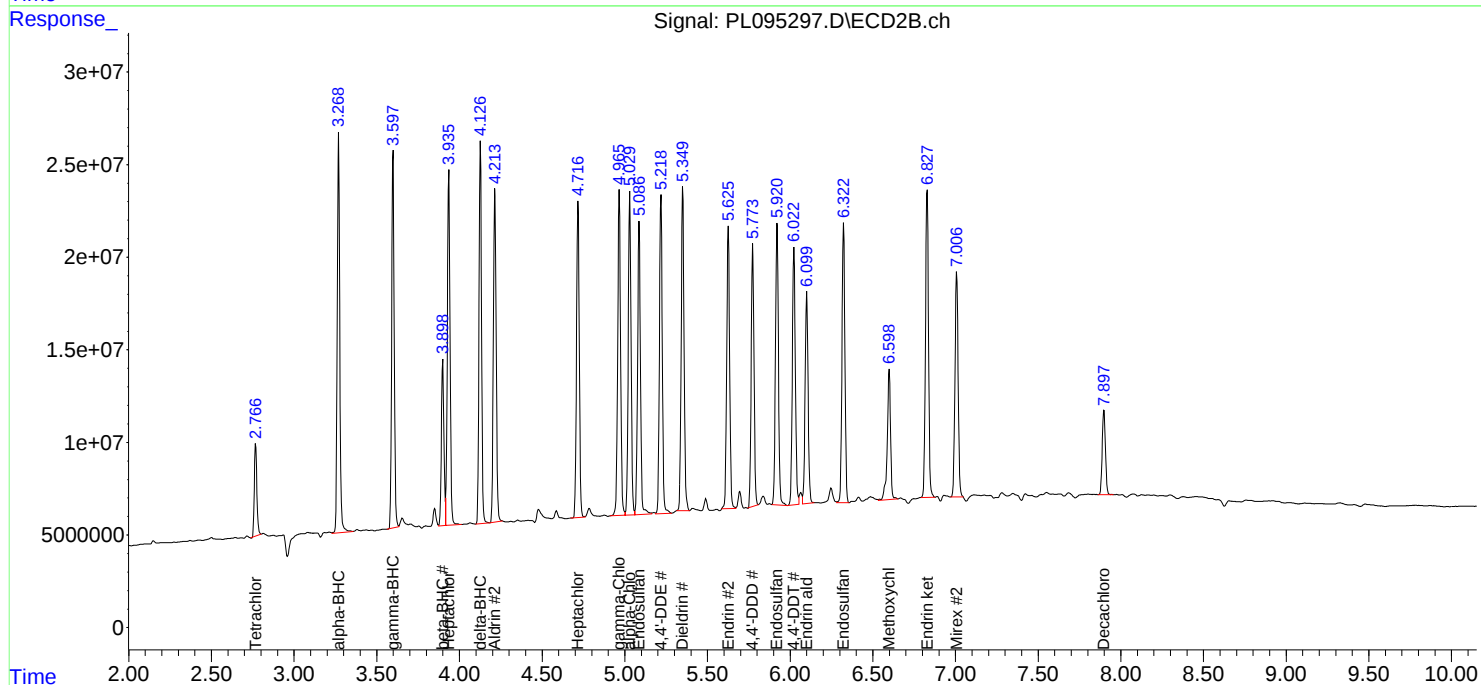
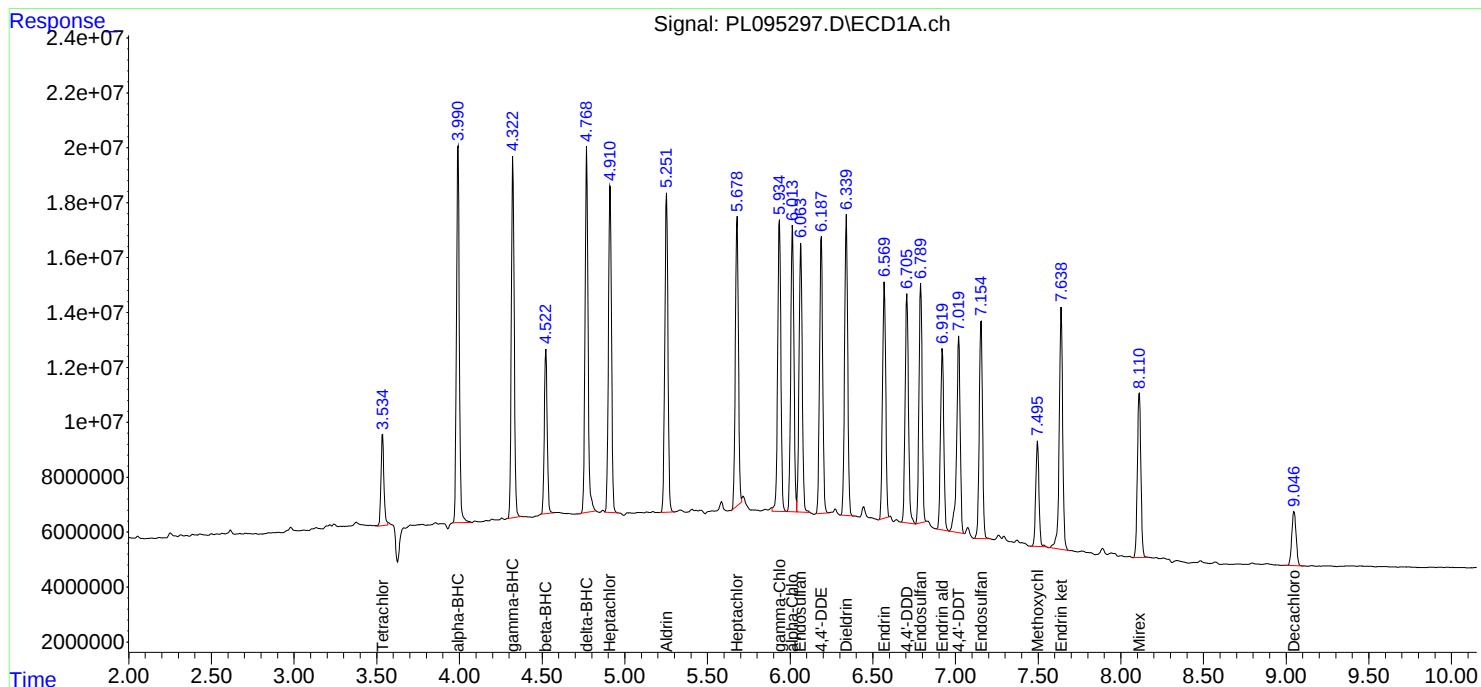
Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGMS

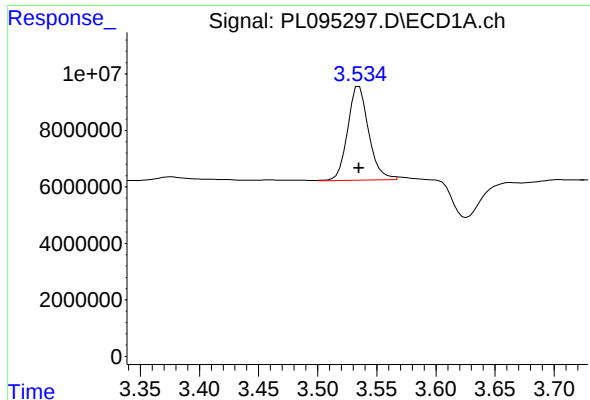
Manual Integrations
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Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 00:29:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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 x0.25µm





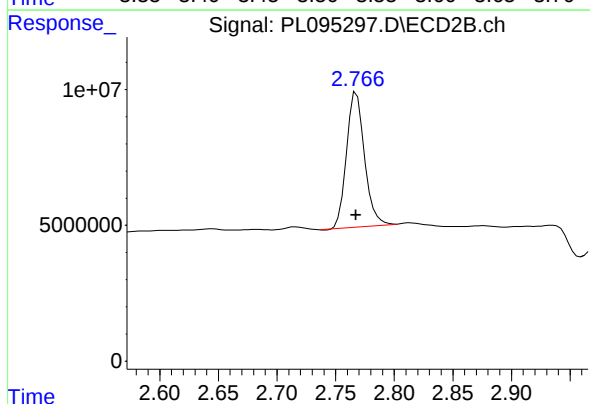
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.001 min
Response: 41199485
Conc: 15.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGMS

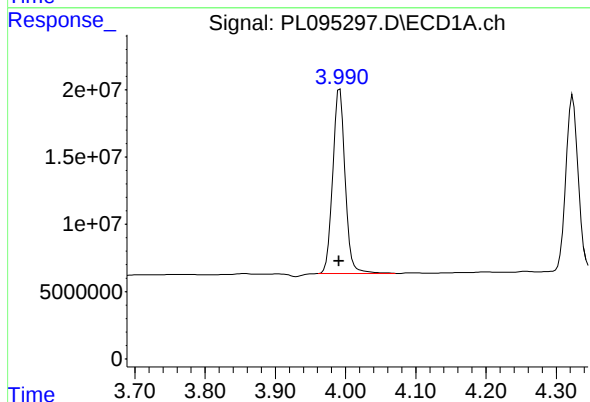
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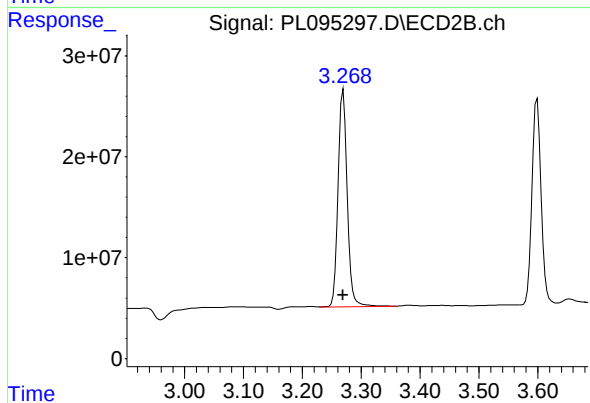
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 52633652
Conc: 14.14 ng/ml



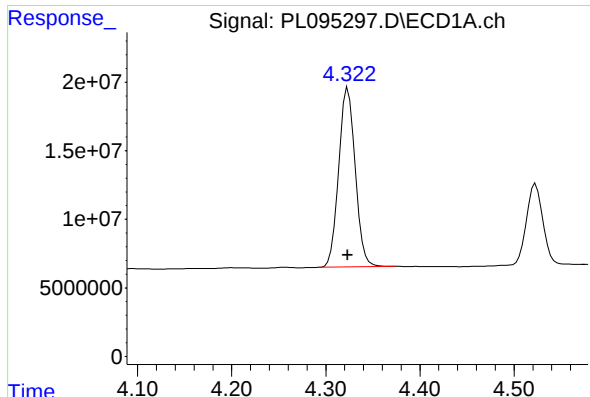
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.001 min
Response: 168064390
Conc: 41.82 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 231880090
Conc: 41.87 ng/ml



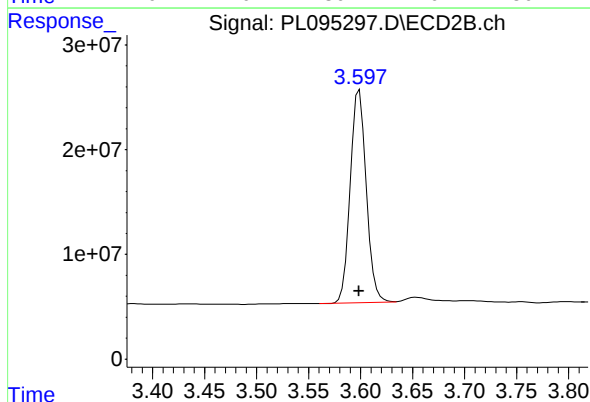
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 159770877
Conc: 41.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGMS

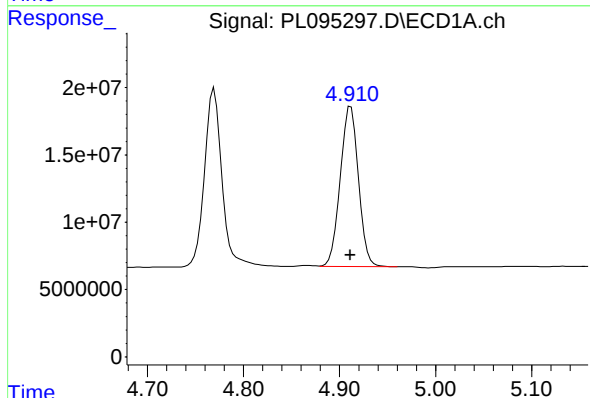
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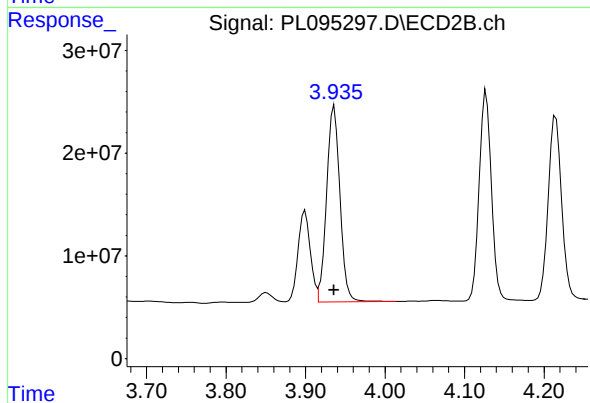
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 217268574
Conc: 41.28 ng/ml



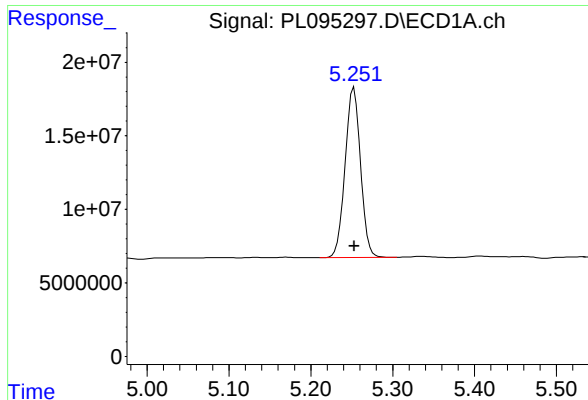
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 154505336
Conc: 42.14 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 222043621
Conc: 42.71 ng/ml



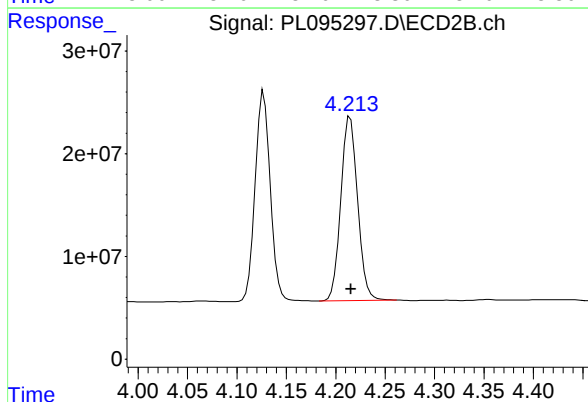
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 152067671
Conc: 43.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGMS

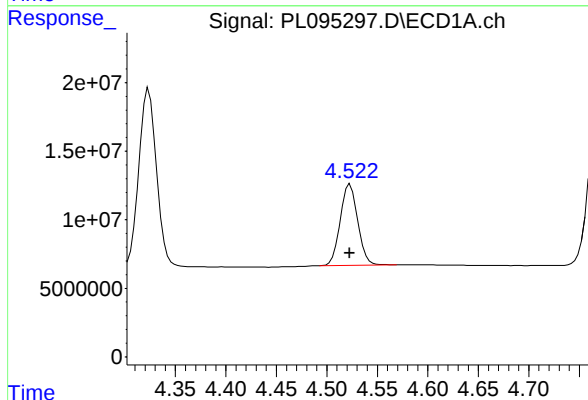
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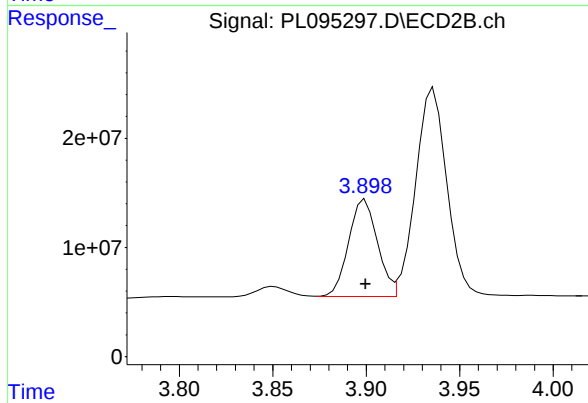
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 211204621
Conc: 43.34 ng/ml



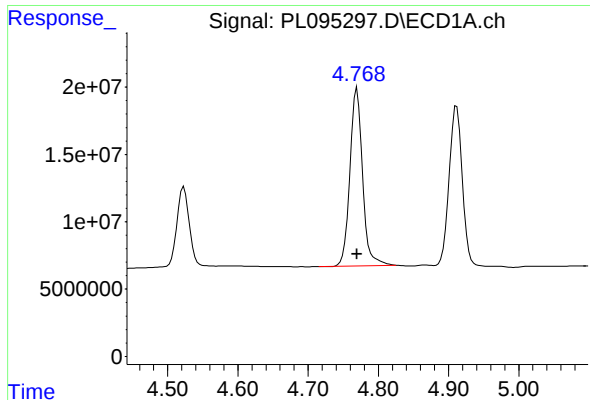
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 71834914
Conc: 40.97 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 96022807
Conc: 41.44 ng/ml



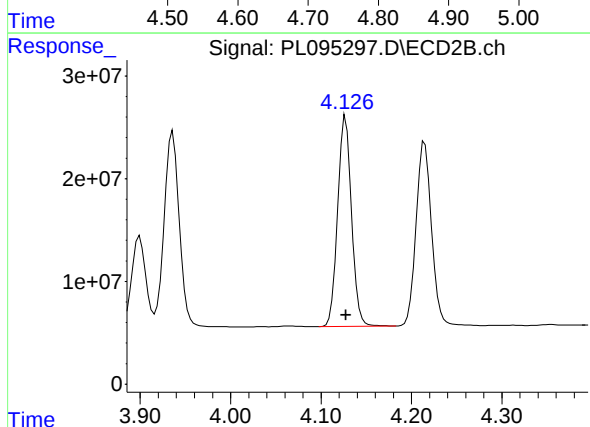
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 165324633
Conc: 42.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGMS

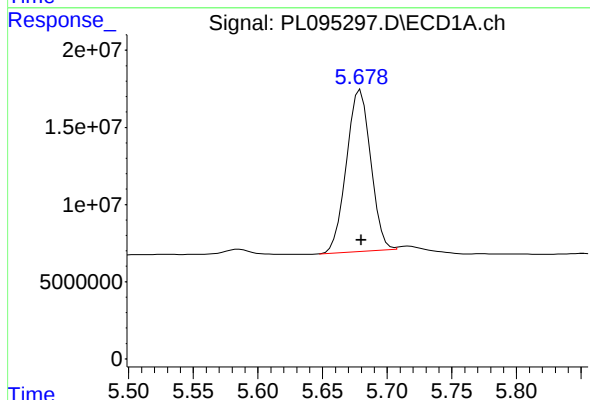
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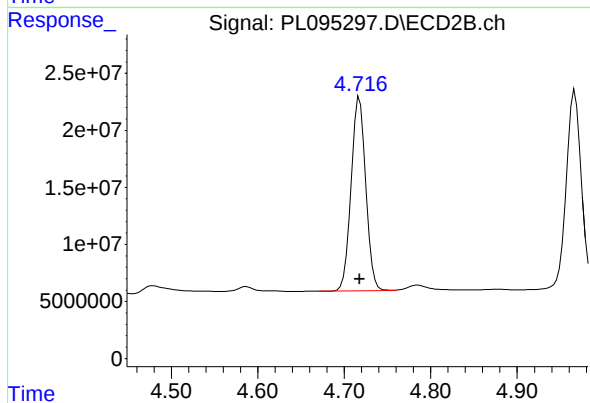
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 218136194
Conc: 42.19 ng/ml



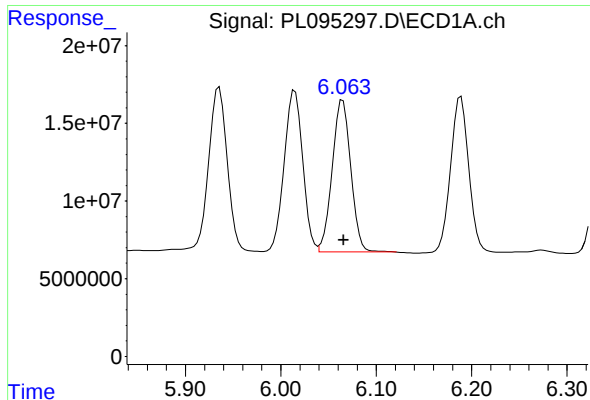
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 136674082
Conc: 42.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 199630805
Conc: 43.70 ng/ml



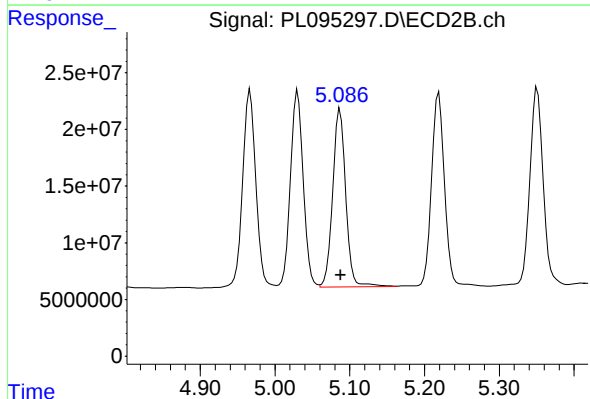
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.001 min
Response: 132107408
Conc: 42.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGMS

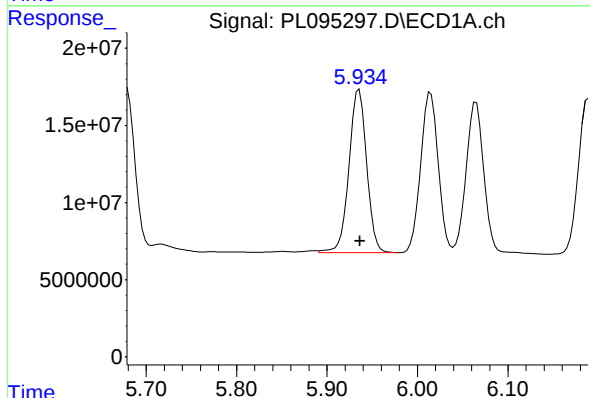
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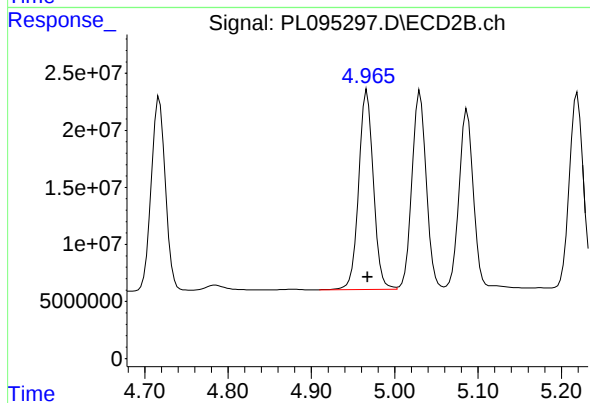
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 191897241
Conc: 44.21 ng/ml



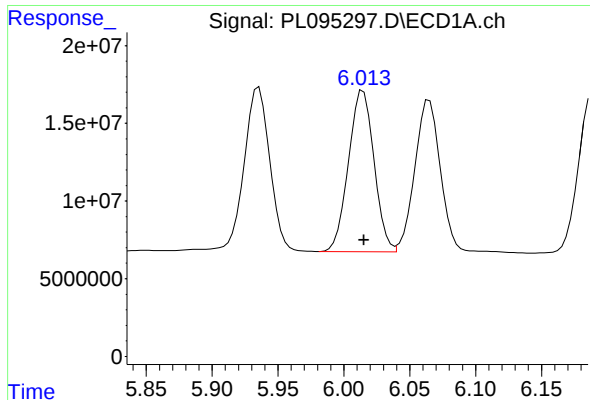
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.003 min
Response: 144098392
Conc: 43.14 ng/ml m



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 213993511
Conc: 44.43 ng/ml



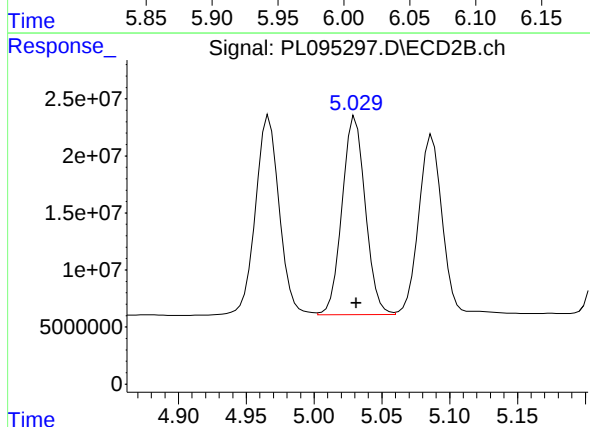
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 140193299
Conc: 42.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGMS

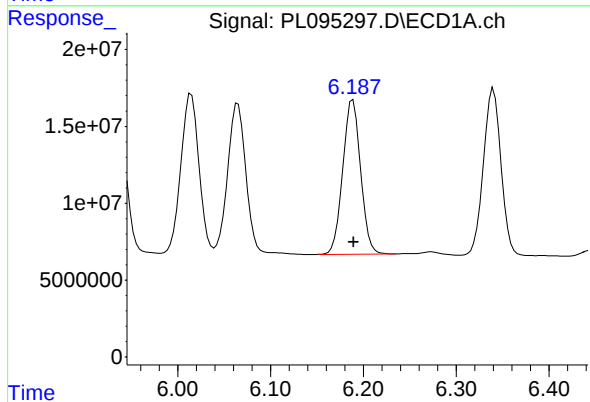
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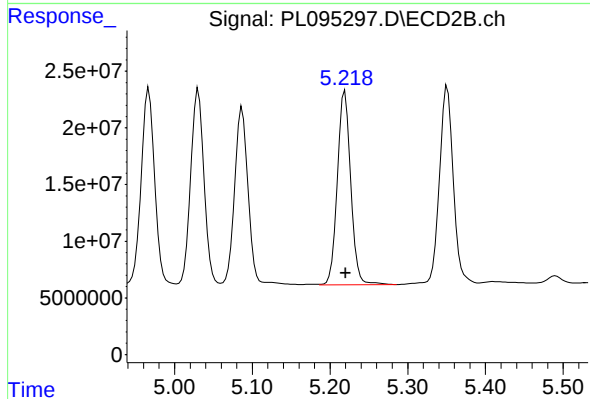
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 207033660
Conc: 43.68 ng/ml



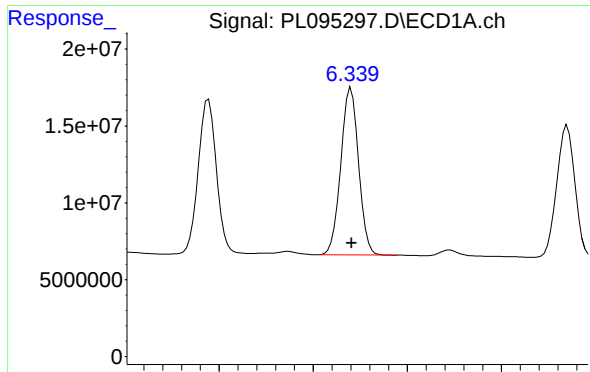
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 134269406
Conc: 41.06 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 206376606
Conc: 42.86 ng/ml



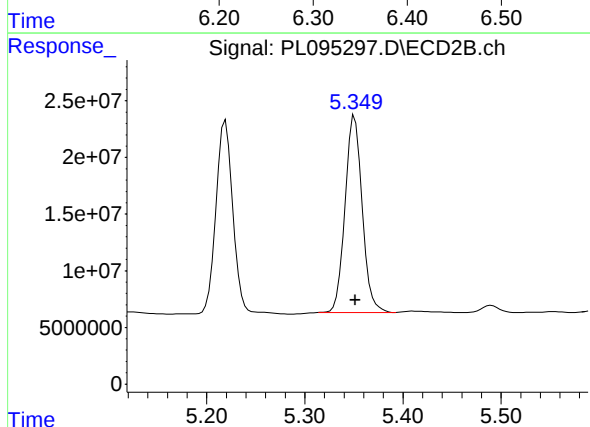
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 142748687
Conc: 43.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGMS

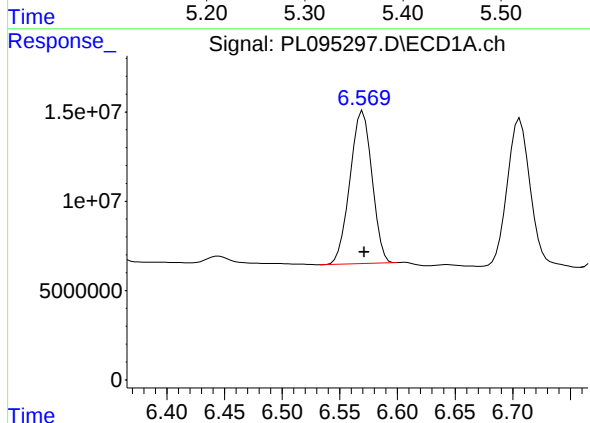
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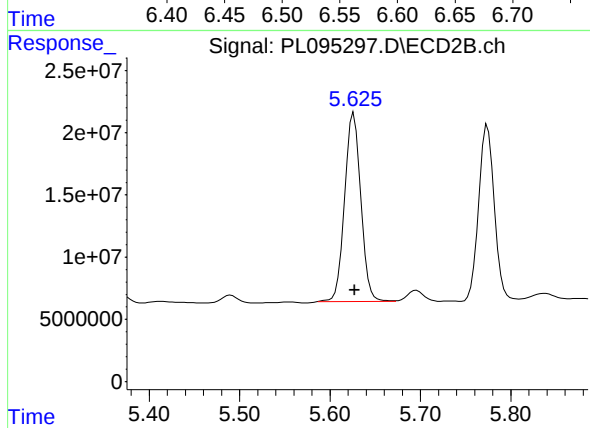
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 211602254
Conc: 44.08 ng/ml



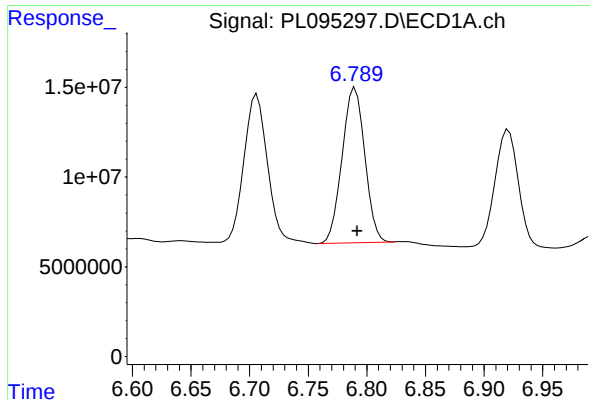
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 113254436
Conc: 43.46 ng/ml



#14 Endrin

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 189823800
Conc: 45.44 ng/ml



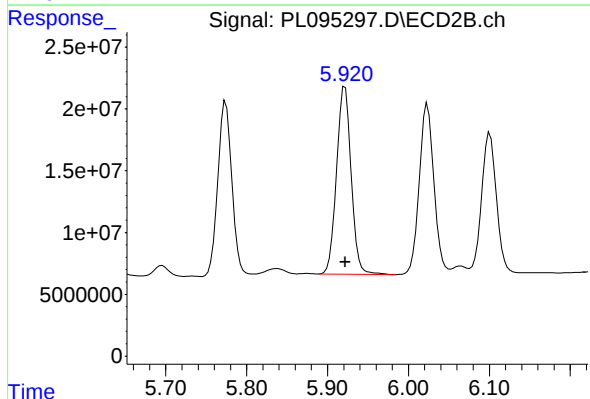
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 116246054
Conc: 40.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGMS

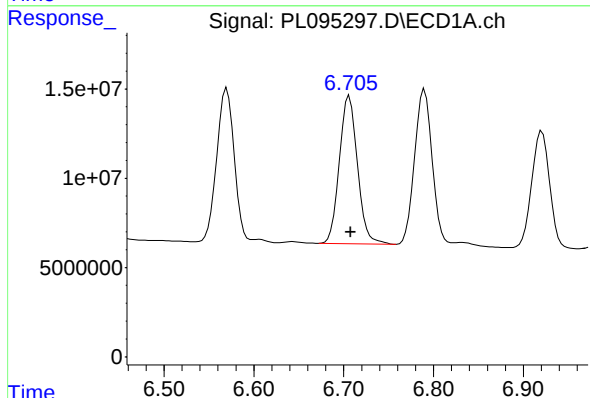
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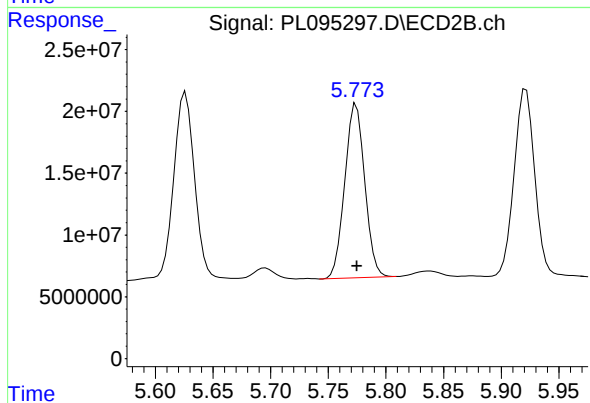
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 190850448
Conc: 43.47 ng/ml



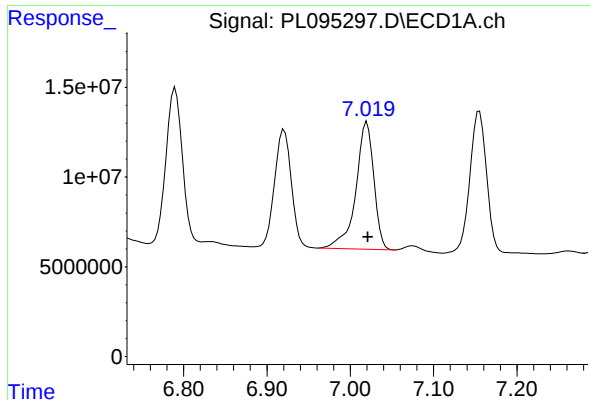
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.002 min
Response: 115961200
Conc: 45.67 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 168390113
Conc: 43.29 ng/ml



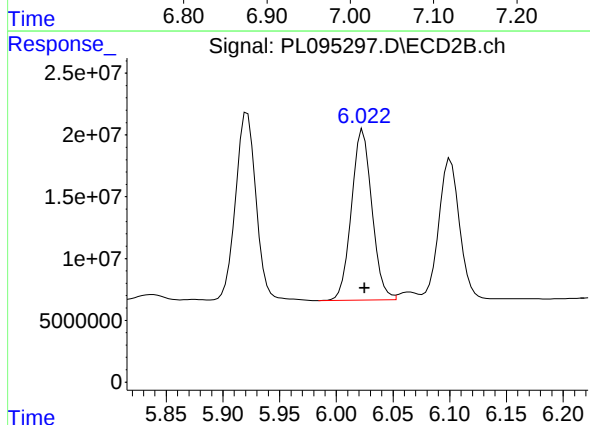
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.001 min
Response: 106781348
Conc: 41.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGMS

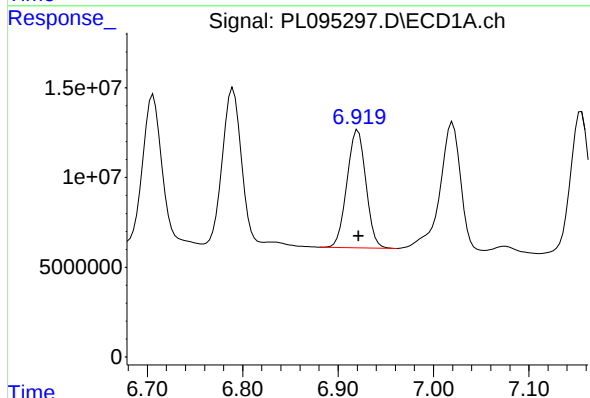
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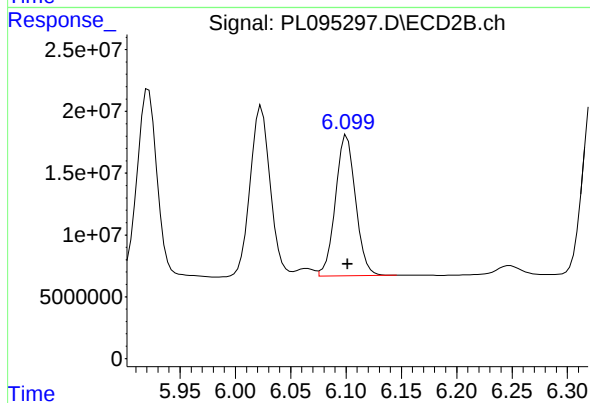
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.001 min
Response: 173955988
Conc: 41.76 ng/ml



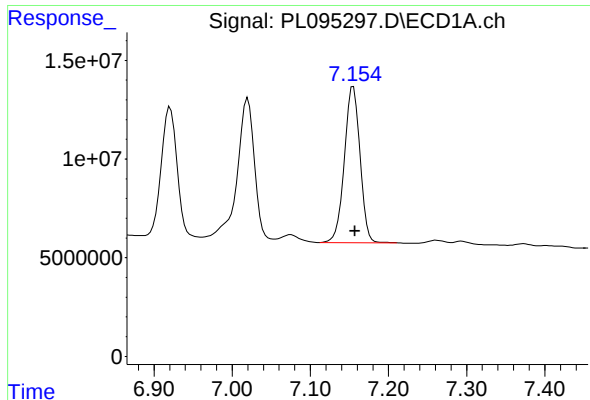
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.001 min
Response: 91481897
Conc: 41.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 143739016
Conc: 42.65 ng/ml



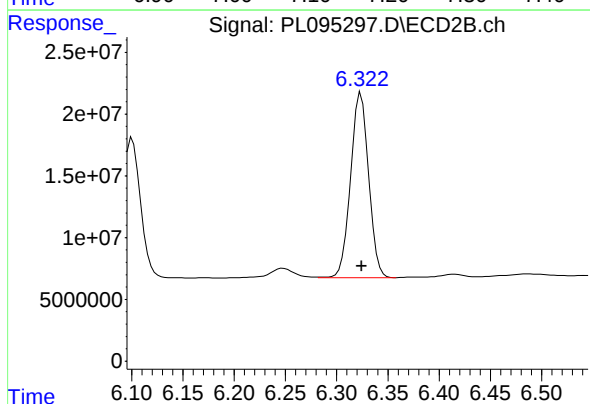
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.002 min
Response: 110306627
Conc: 42.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGMS

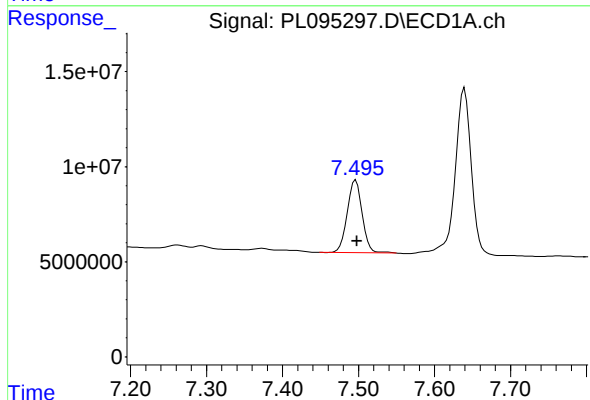
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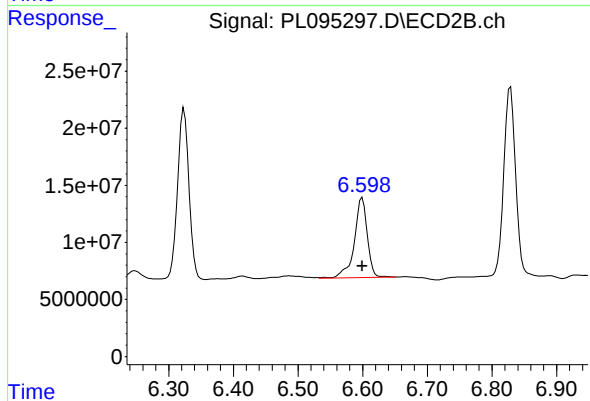
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 183892559
Conc: 44.03 ng/ml



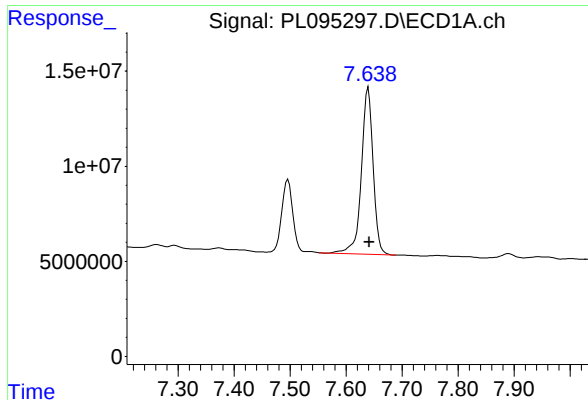
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.002 min
Response: 52489705
Conc: 39.19 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 98130218
Conc: 43.70 ng/ml



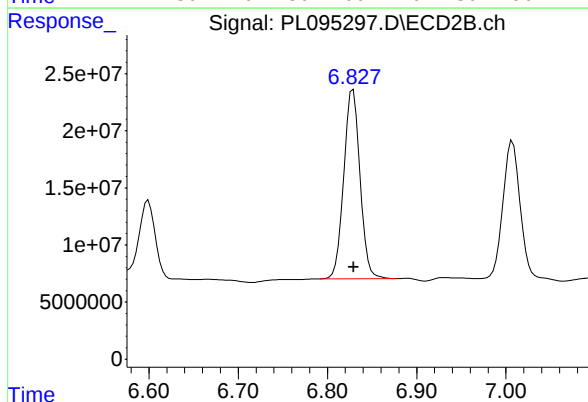
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.002 min
Response: 127614199
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGMS

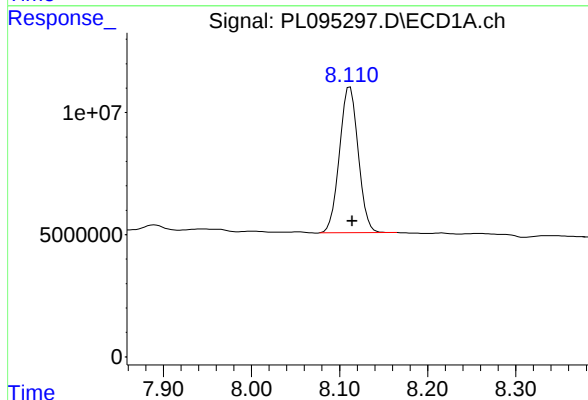
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



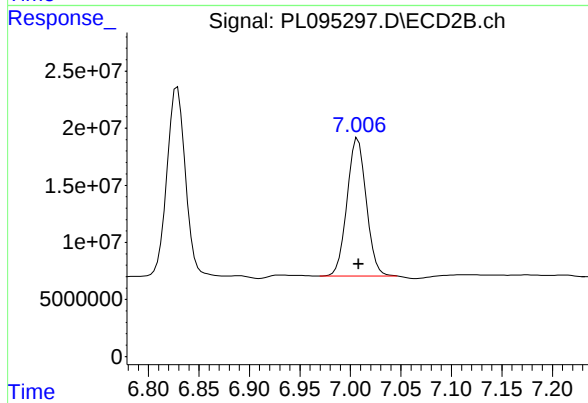
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 210097017
Conc: 41.67 ng/ml



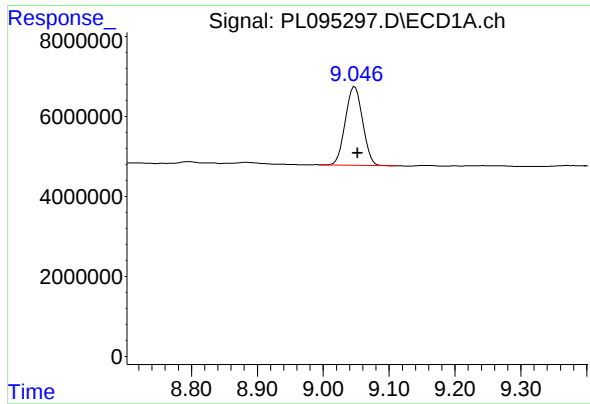
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.003 min
Response: 88551183
Conc: 41.63 ng/ml



#22 Mirex

R.T.: 7.006 min
Delta R.T.: -0.002 min
Response: 160286170
Conc: 40.77 ng/ml m



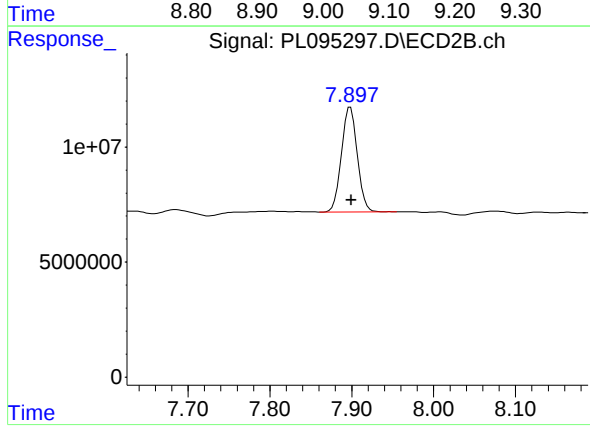
#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: -0.005 min
Response: 35784581
Conc: 14.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-CUTTINGMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.001 min
Response: 61516278
Conc: 13.98 ng/ml