

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022825\
 Data File : PL094457.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 13:52
 Operator : AR\AJ
 Sample : Q1458-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-SOILMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/03/2025
 Supervised By :mohammad ahmed 03/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 00:50:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.537	2.772	57859519	70977651	22.787m	22.242
28) SA Decachlor...	9.057	7.909	38206613	53053250	17.960	13.796
Target Compounds						
2) A alpha-BHC	3.995	3.275	196.3E6	257.2E6	51.894	52.330
3) MA gamma-BHC...	4.326	3.605	192.3E6	242.3E6	52.060m	51.439
4) MA Heptachlor	4.916	3.943	176.2E6	247.6E6	51.972	52.453
5) MB Aldrin	5.257	4.222	168.3E6	231.9E6	49.029	50.180
6) B beta-BHC	4.527	3.906	83210185	107.1E6	52.107	53.854
7) B delta-BHC	4.773	4.134	181.9E6	240.7E6	51.415	50.829
8) B Heptachlo...	5.684	4.725	150.5E6	214.3E6	49.933	50.354
9) A Endosulfan I	6.070	5.095	135.6E6	183.7E6	49.323	46.079
10) B gamma-Chl...	5.941	4.975	152.5E6	225.8E6	51.951	52.051
11) B alpha-Chl...	6.019	5.039	147.6E6	220.0E6	50.960	50.959
12) B 4,4'-DDE	6.193	5.227	126.6E6	219.2E6	48.493	52.185
13) MA Dieldrin	6.345	5.358	141.0E6	228.3E6	49.498	52.109m
14) MA Endrin	6.573	5.634	119.7E6	194.2E6	46.900m	57.052m
15) B Endosulfa...	6.794	5.930	120.9E6	193.0E6	48.048m	51.606
16) A 4,4'-DDD	6.711	5.783	110.1E6	170.0E6	59.521	53.356
17) MA 4,4'-DDT	7.024	6.033	105.7E6	174.4E6	50.351	49.020
18) B Endrin al...	6.925	6.109	91970461	145.0E6	47.242	45.890
19) B Endosulfa...	7.160	6.332	110.0E6	183.4E6	48.582	49.654
20) A Methoxychlor	7.501	6.608	54213941	90553040	48.796	46.413
21) B Endrin ke...	7.645	6.838	119.8E6	195.7E6	47.804	45.847
22) Mirex	8.117	7.017	87752956	145.8E6	42.530	41.815

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022825\
Data File : PL094457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 13:52
Operator : AR\AJ
Sample : Q1458-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SP-SOILMS

Manual Integrations

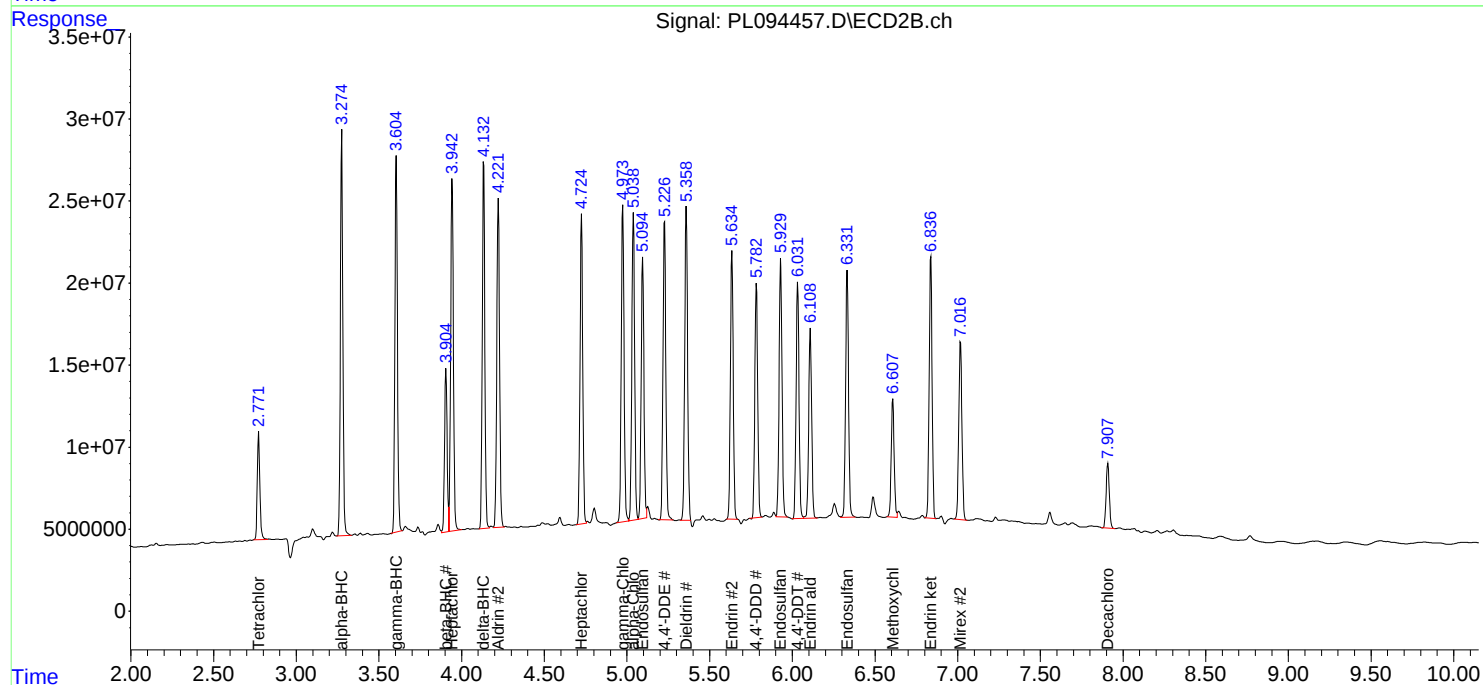
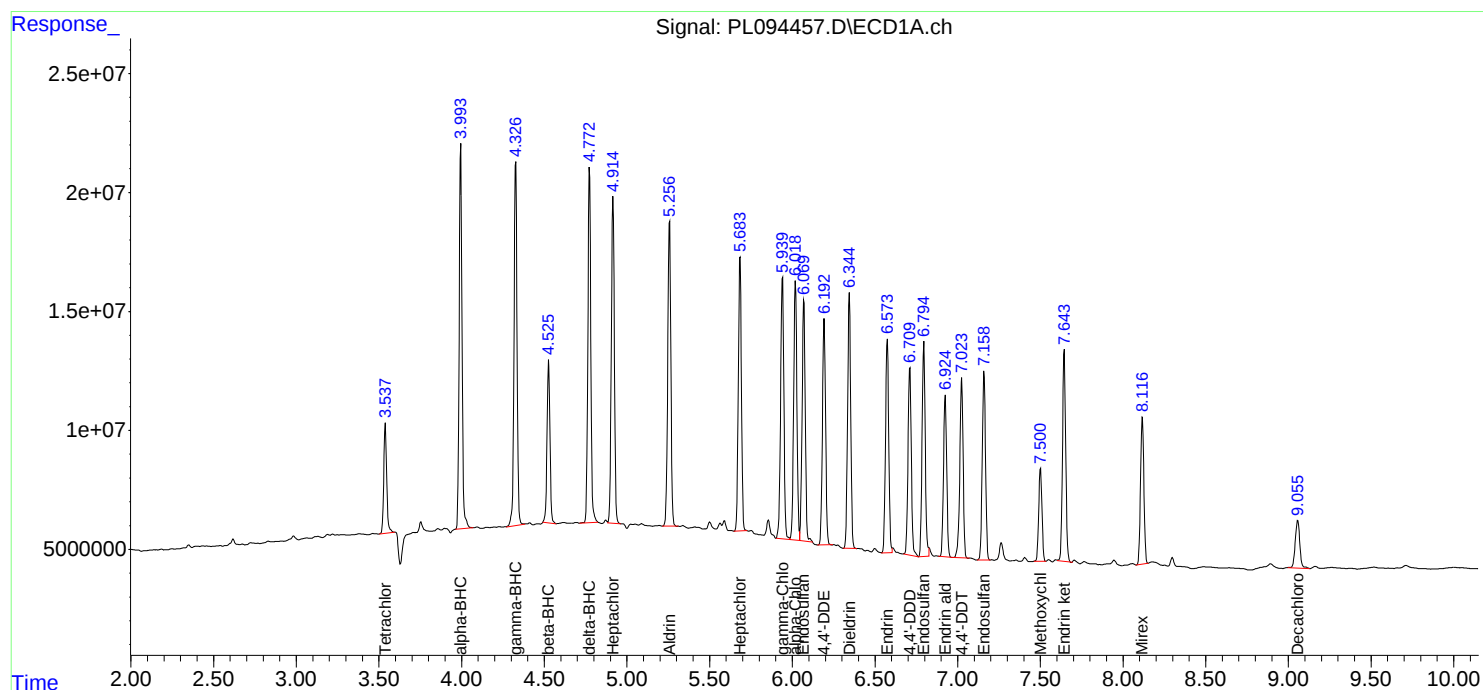
APPROVED

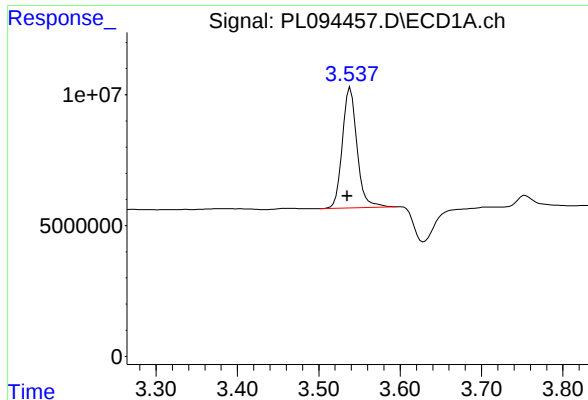
Reviewed By :Abdul Mirza 03/03/2025

Supervised By :mohammad ahmed 03/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 03 00:50:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





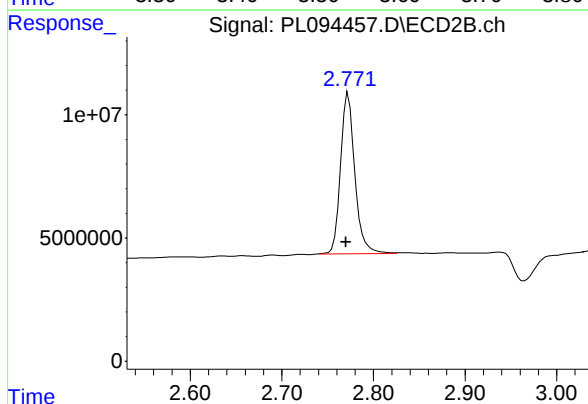
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 57859519
Conc: 22.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-SOILMS

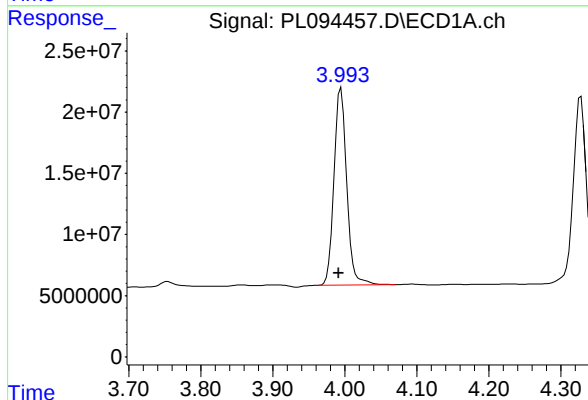
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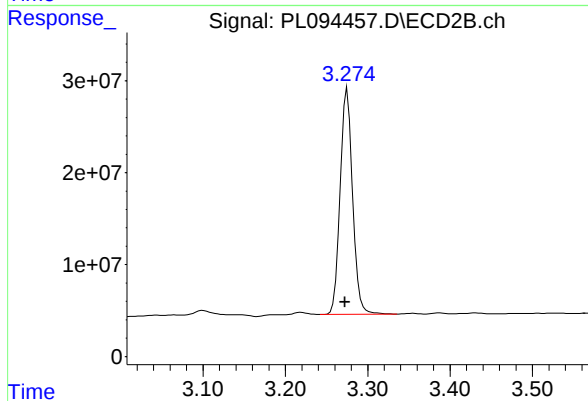
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 70977651
Conc: 22.24 ng/ml



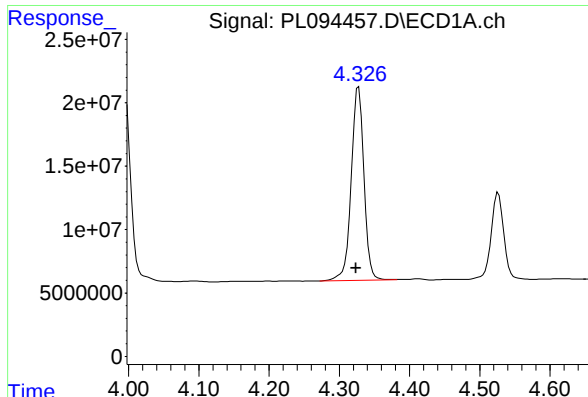
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.003 min
Response: 196298609
Conc: 51.89 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.003 min
Response: 257189154
Conc: 52.33 ng/ml



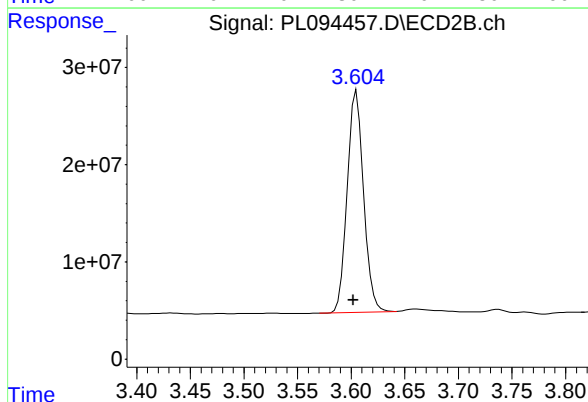
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 192349404
Conc: 52.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-SOILMS

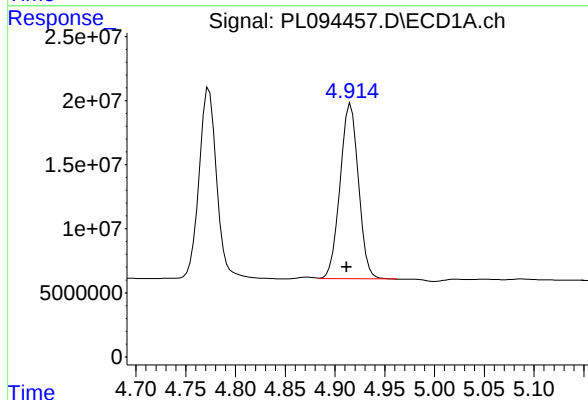
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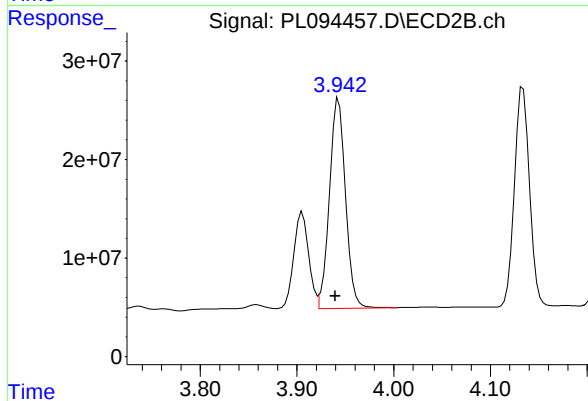
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.003 min
Response: 242273321
Conc: 51.44 ng/ml



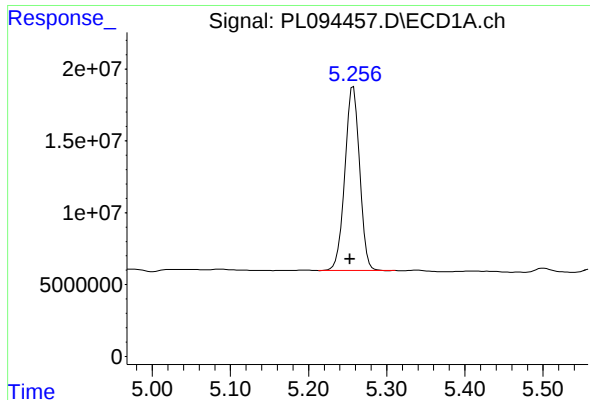
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.004 min
Response: 176205211
Conc: 51.97 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.003 min
Response: 247592195
Conc: 52.45 ng/ml



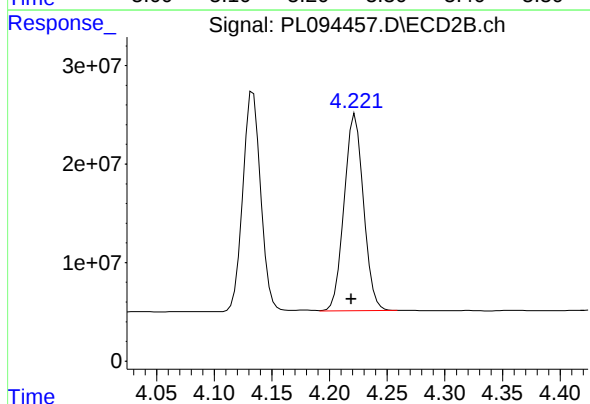
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.004 min
Response: 168255930
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-SOILMS

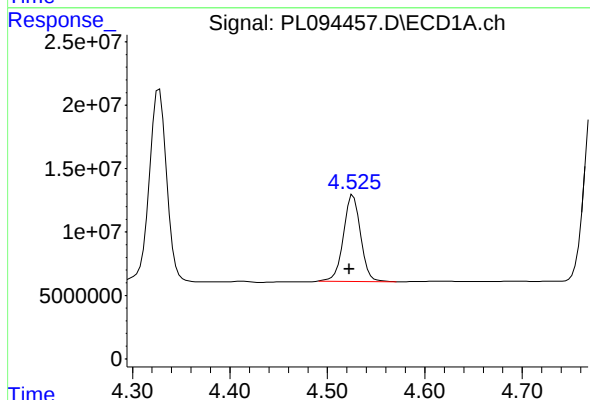
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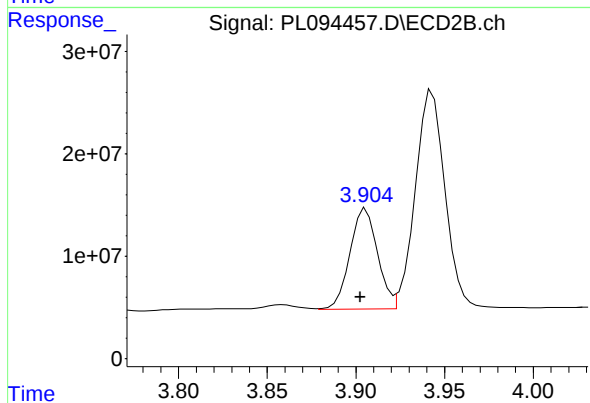
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.003 min
Response: 231851990
Conc: 50.18 ng/ml



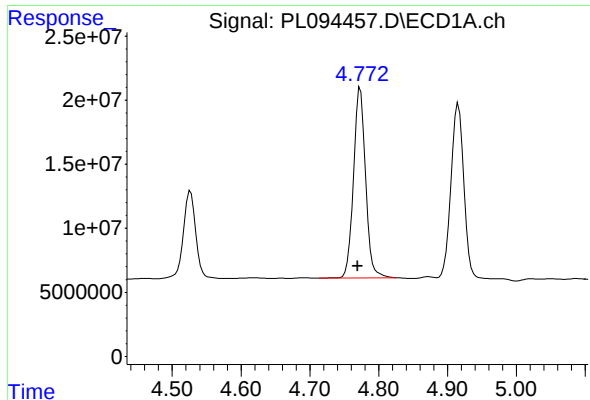
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.004 min
Response: 83210185
Conc: 52.11 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.003 min
Response: 107110753
Conc: 53.85 ng/ml



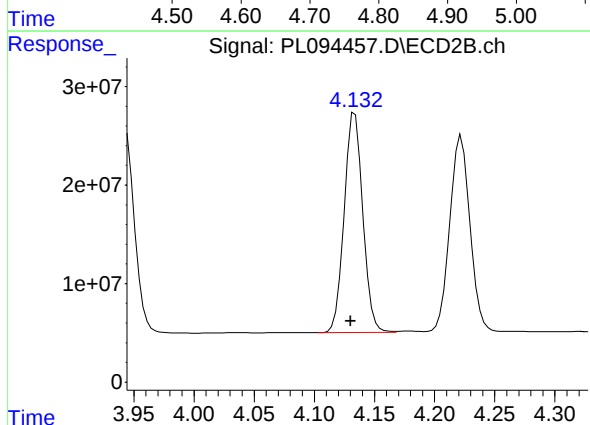
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.004 min
Response: 181918985
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-SOILMS

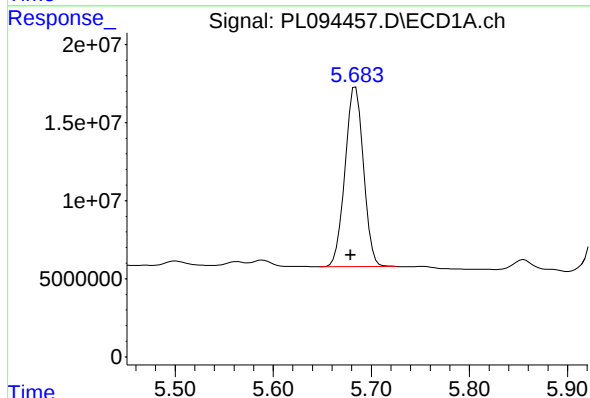
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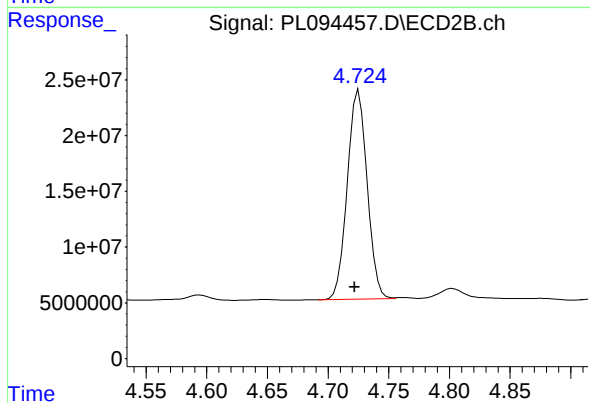
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: 0.003 min
Response: 240713747
Conc: 50.83 ng/ml



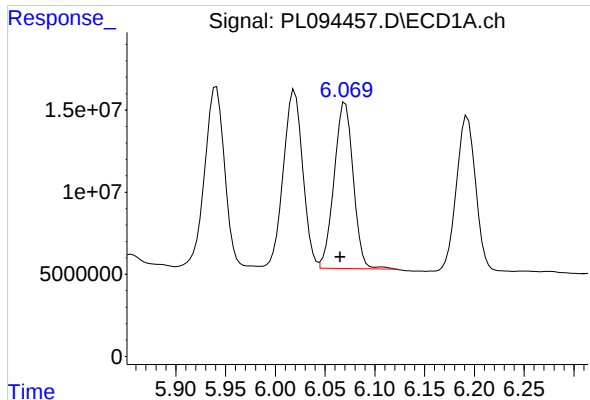
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.005 min
Response: 150468319
Conc: 49.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.725 min
Delta R.T.: 0.003 min
Response: 214275902
Conc: 50.35 ng/ml



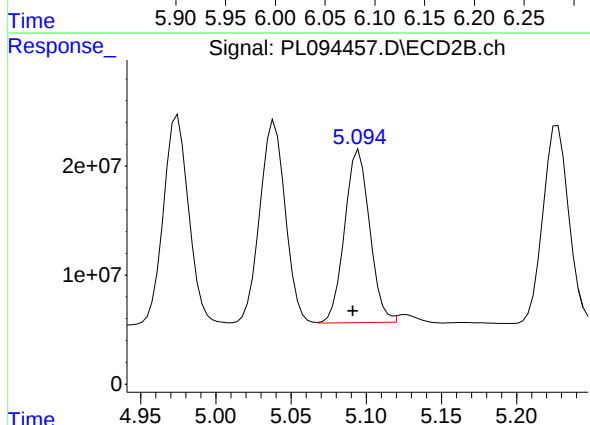
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.005 min
Response: 135569791
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-SOILMS

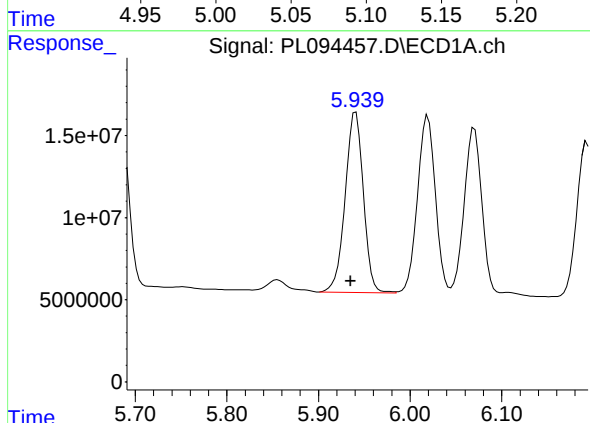
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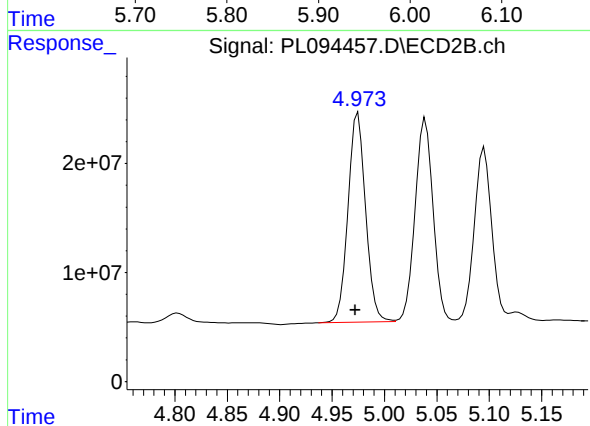
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: 0.004 min
Response: 183697076
Conc: 46.08 ng/ml



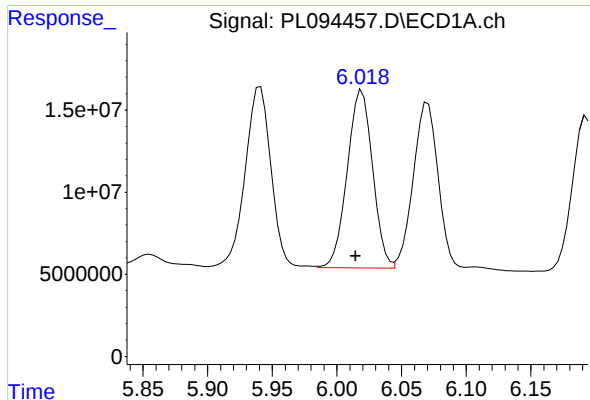
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.005 min
Response: 152535888
Conc: 51.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: 0.003 min
Response: 225838734
Conc: 52.05 ng/ml



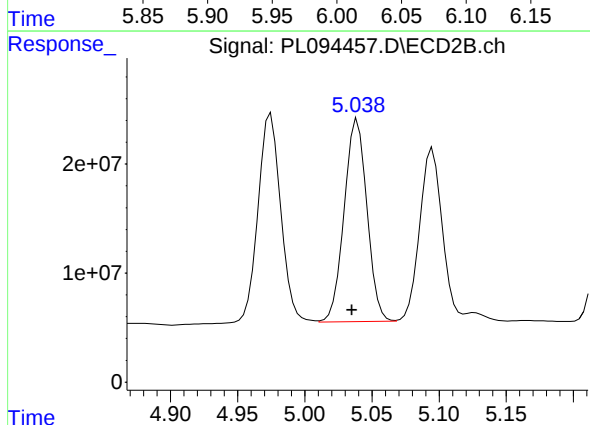
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.005 min
Response: 147635872
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-SOILMS

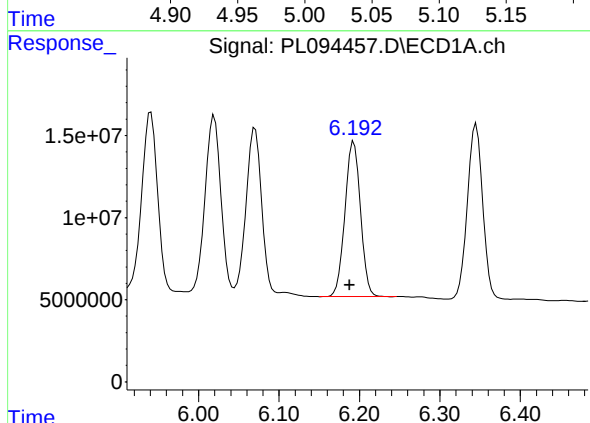
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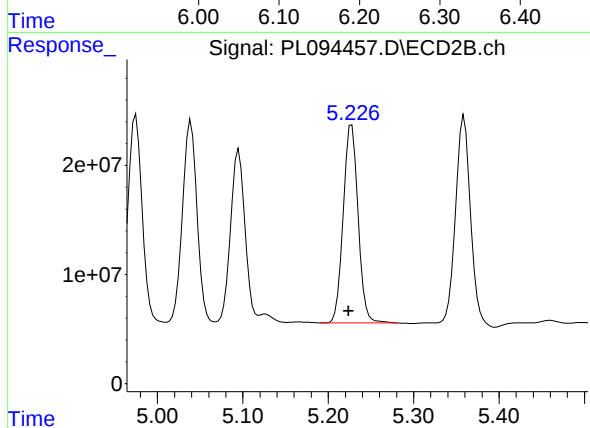
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: 0.004 min
Response: 220022339
Conc: 50.96 ng/ml



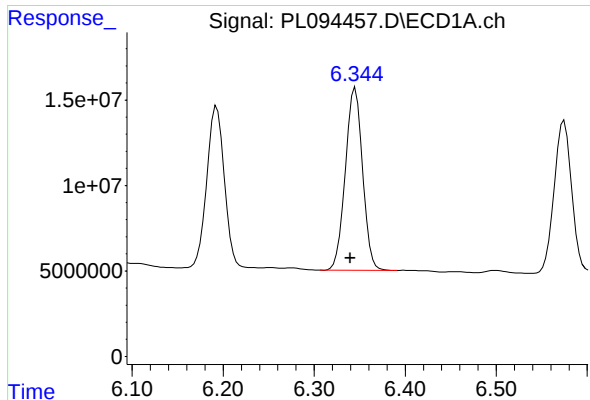
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.005 min
Response: 126649341
Conc: 48.49 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.003 min
Response: 219176816
Conc: 52.18 ng/ml



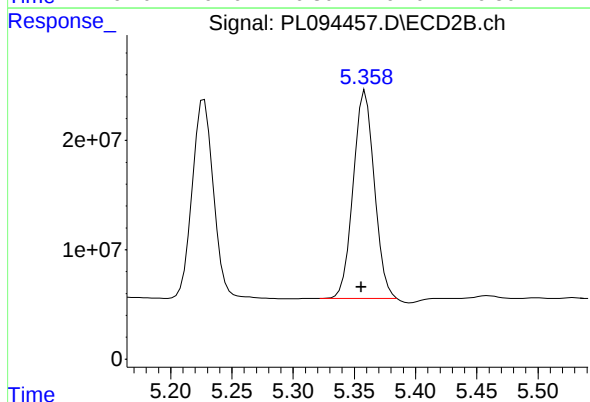
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.005 min
Response: 141022730
Conc: 49.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-SOILMS

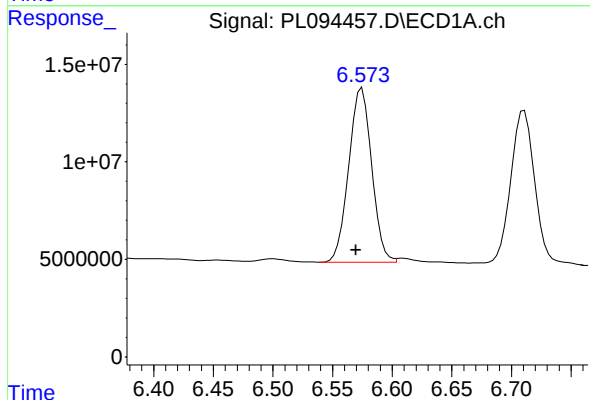
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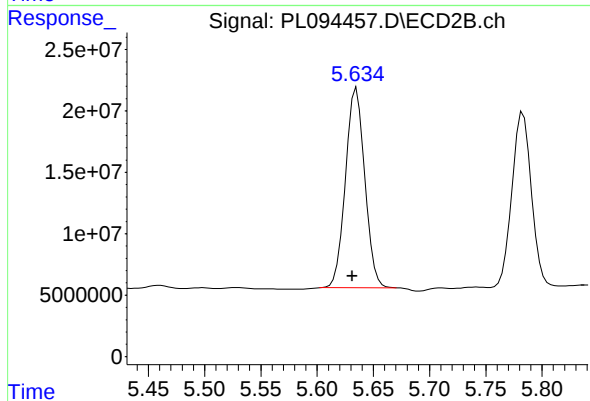
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.002 min
Response: 228327868
Conc: 52.11 ng/ml



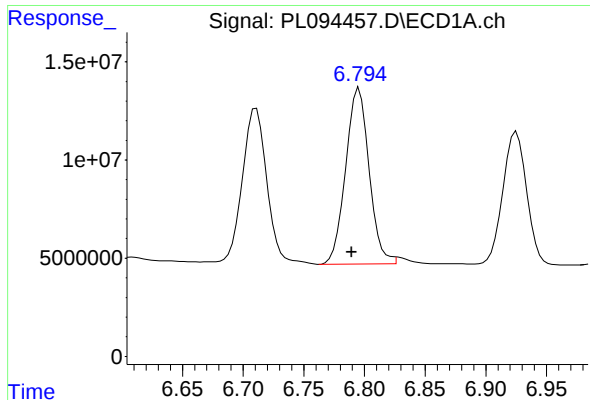
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.004 min
Response: 119700904
Conc: 46.90 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 194247096
Conc: 57.05 ng/ml



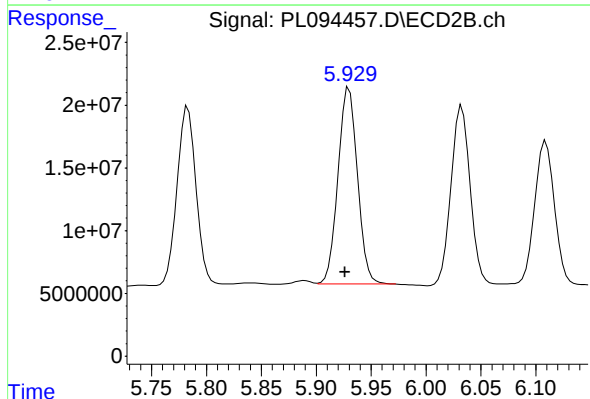
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.005 min
Response: 120948949
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-SOILMS

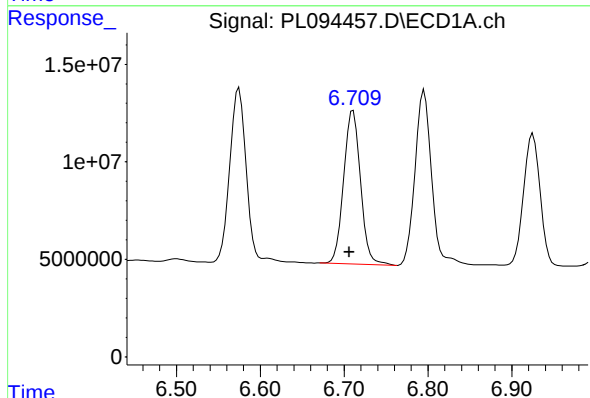
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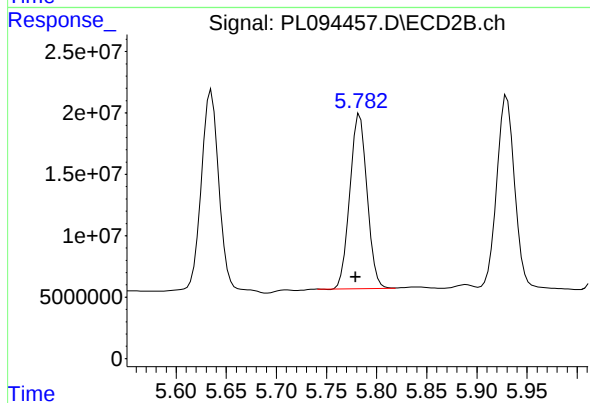
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: 0.004 min
Response: 192981730
Conc: 51.61 ng/ml



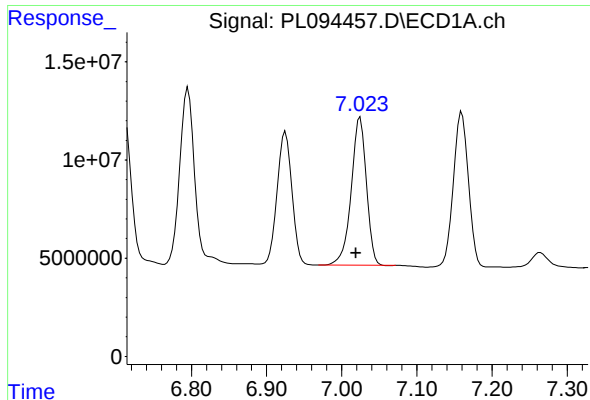
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.005 min
Response: 110098236
Conc: 59.52 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: 0.004 min
Response: 169955155
Conc: 53.36 ng/ml



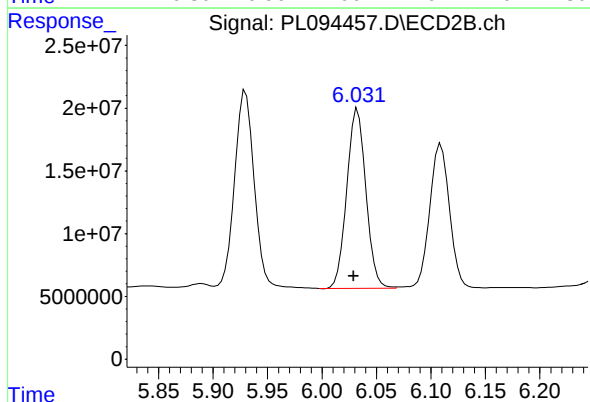
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.006 min
Response: 105739386
Conc: 50.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-SOILMS

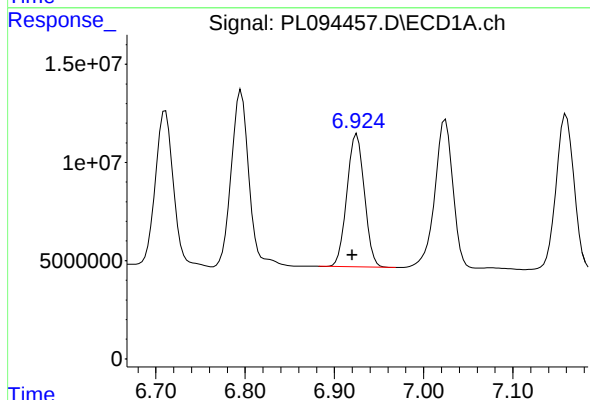
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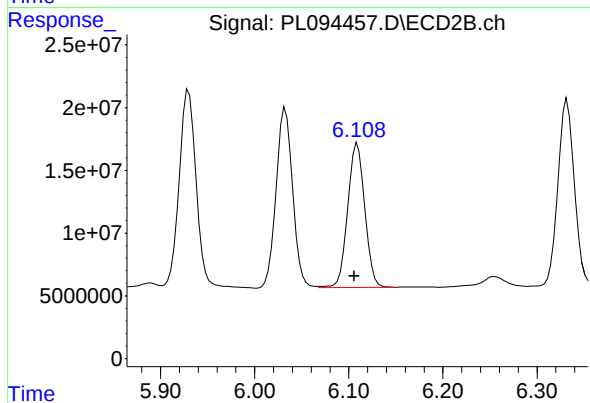
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.004 min
Response: 174365343
Conc: 49.02 ng/ml



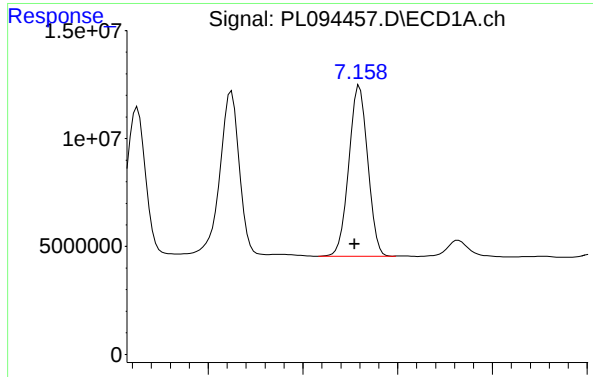
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.005 min
Response: 91970461
Conc: 47.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.003 min
Response: 145033193
Conc: 45.89 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.005 min
Response: 109982015
Conc: 48.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-SOILMS

Manual Integrations APPROVED

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#19 Endosulfan Sulfate

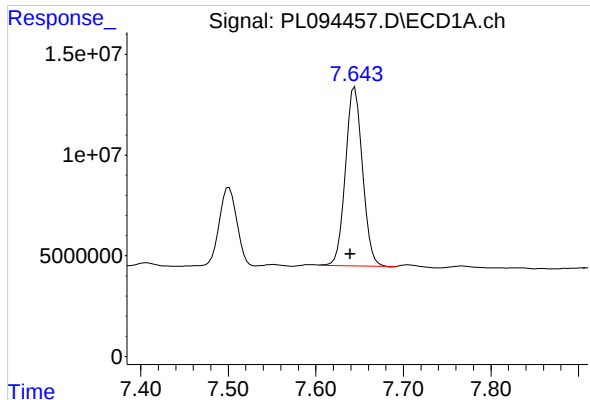
R.T.: 6.332 min
Delta R.T.: 0.004 min
Response: 183403454
Conc: 49.65 ng/ml

#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.005 min
Response: 54213941
Conc: 48.80 ng/ml

#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.003 min
Response: 90553040
Conc: 46.41 ng/ml



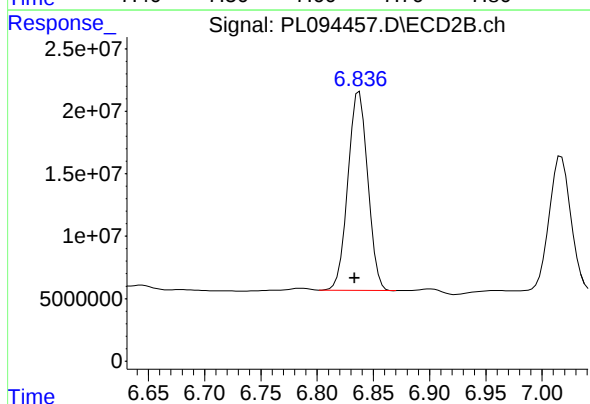
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.005 min
Response: 119841652
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-SOILMS

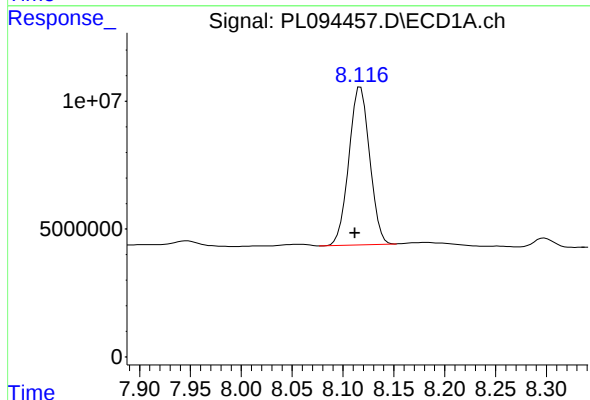
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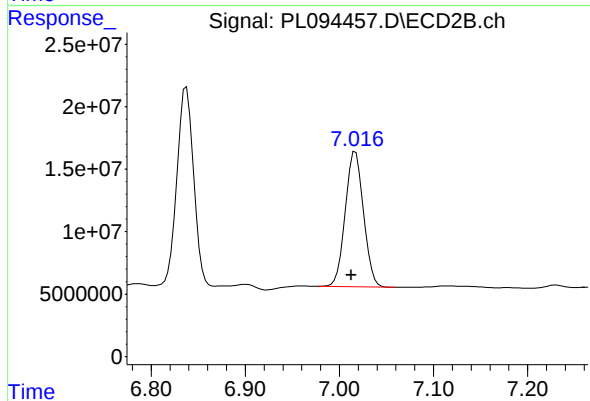
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.004 min
Response: 195654358
Conc: 45.85 ng/ml



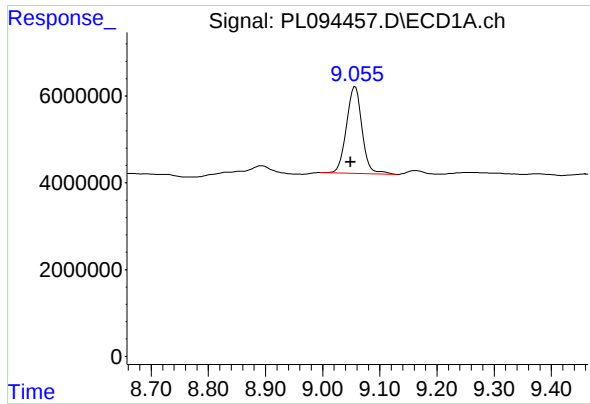
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.006 min
Response: 87752956
Conc: 42.53 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.004 min
Response: 145811706
Conc: 41.82 ng/ml



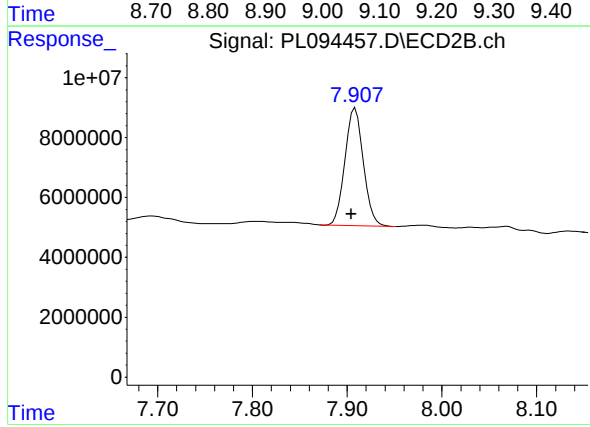
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.008 min
Response: 38206613
Conc: 17.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-SOILMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/03/2025
Supervised By :mohammad ahmed 03/07/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: 0.004 min
Response: 53053250
Conc: 13.80 ng/ml