

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030625\
 Data File : PL094532.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 13:14
 Operator : AR\AJ
 Sample : Q1494-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOILMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/07/2025
 Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:06:43 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...	3.536	2.771	58260512	69674325	22.945m	21.833
28)	SA Decachlor...	9.057	7.908	42300662	68268632	19.885	17.752
Target Compounds							
2)	A alpha-BHC	3.994	3.274	195.7E6	249.8E6	51.747	50.832
3)	MA gamma-BHC...	4.327	3.604	189.0E6	243.1E6	51.149	51.607
4)	MA Heptachlor	4.915	3.942	182.5E6	251.5E6	53.819	53.274
5)	MB Aldrin	5.256	4.221	175.7E6	236.5E6	51.205	51.186
6)	B beta-BHC	4.525	3.904	85989841	106.6E6	53.848	53.604
7)	B delta-BHC	4.772	4.133	187.5E6	252.1E6	52.988	53.237
8)	B Heptachlo...	5.683	4.724	160.2E6	223.0E6	53.176	52.397
9)	A Endosulfan I	6.069	5.094	147.7E6	211.8E6	53.731	53.138
10)	B gamma-Chl...	5.940	4.974	160.8E6	231.4E6	54.749	53.328
11)	B alpha-Chl...	6.018	5.038	158.2E6	227.7E6	54.620	52.727
12)	B 4,4'-DDE	6.192	5.226	150.1E6	232.5E6	57.472	55.346
13)	MA Dieldrin	6.344	5.358	152.8E6	234.7E6	53.625	53.559
14)	MA Endrin	6.574	5.633	129.4E6	218.3E6	50.716	64.104 #
15)	B Endosulfa...	6.794	5.929	128.8E6	206.0E6	51.149	55.087
16)	A 4,4'-DDD	6.710	5.782	115.0E6	186.1E6	62.160	58.431
17)	MA 4,4'-DDT	7.024	6.032	115.2E6	195.4E6	54.842	54.921
18)	B Endrin al...	6.925	6.108	99898253	156.3E6	51.314	49.464
19)	B Endosulfa...	7.160	6.331	118.1E6	196.9E6	52.178	53.296
20)	A Methoxychlor	7.501	6.607	60435135	104.4E6	54.395	53.505
21)	B Endrin ke...	7.645	6.837	129.0E6	222.5E6	51.450	52.146
22)	Mirex	8.118	7.017	95465241	170.3E6	46.268	48.838

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030625\
Data File : PL094532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 13:14
Operator : AR\AJ
Sample : Q1494-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

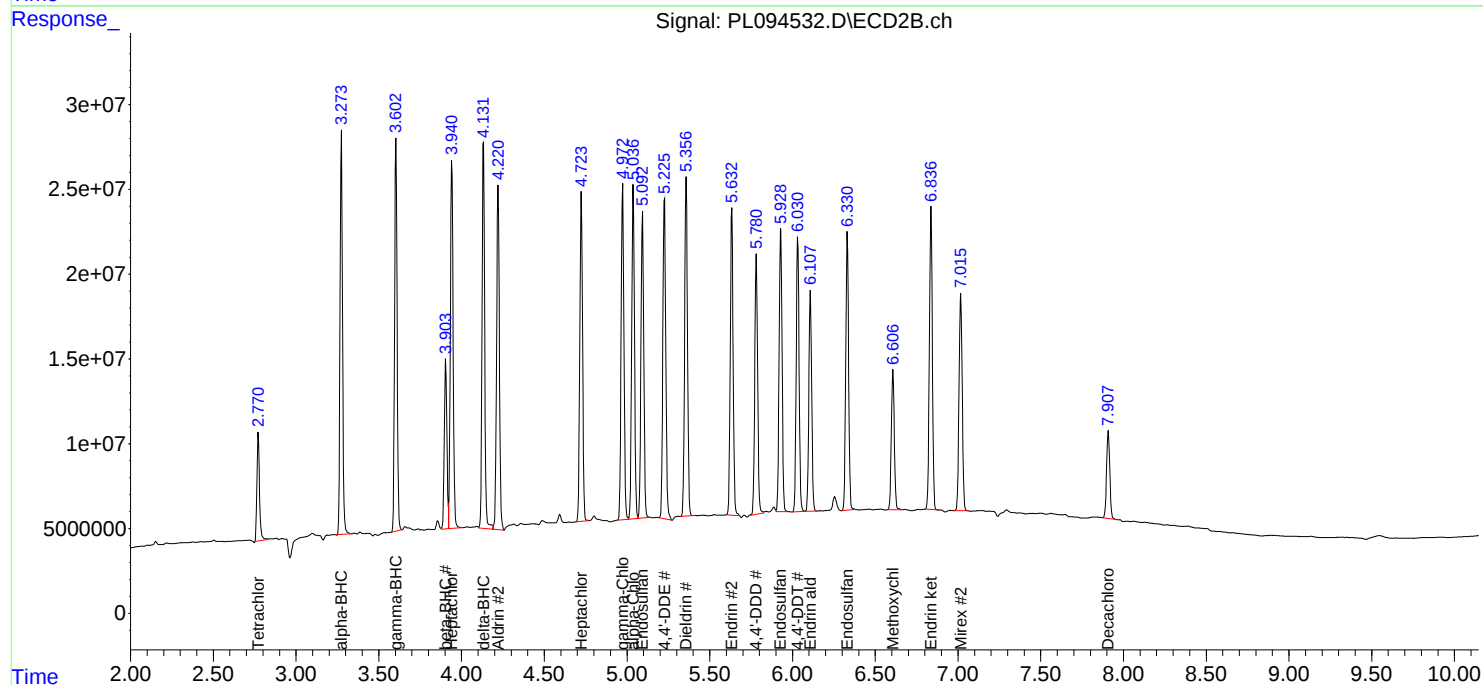
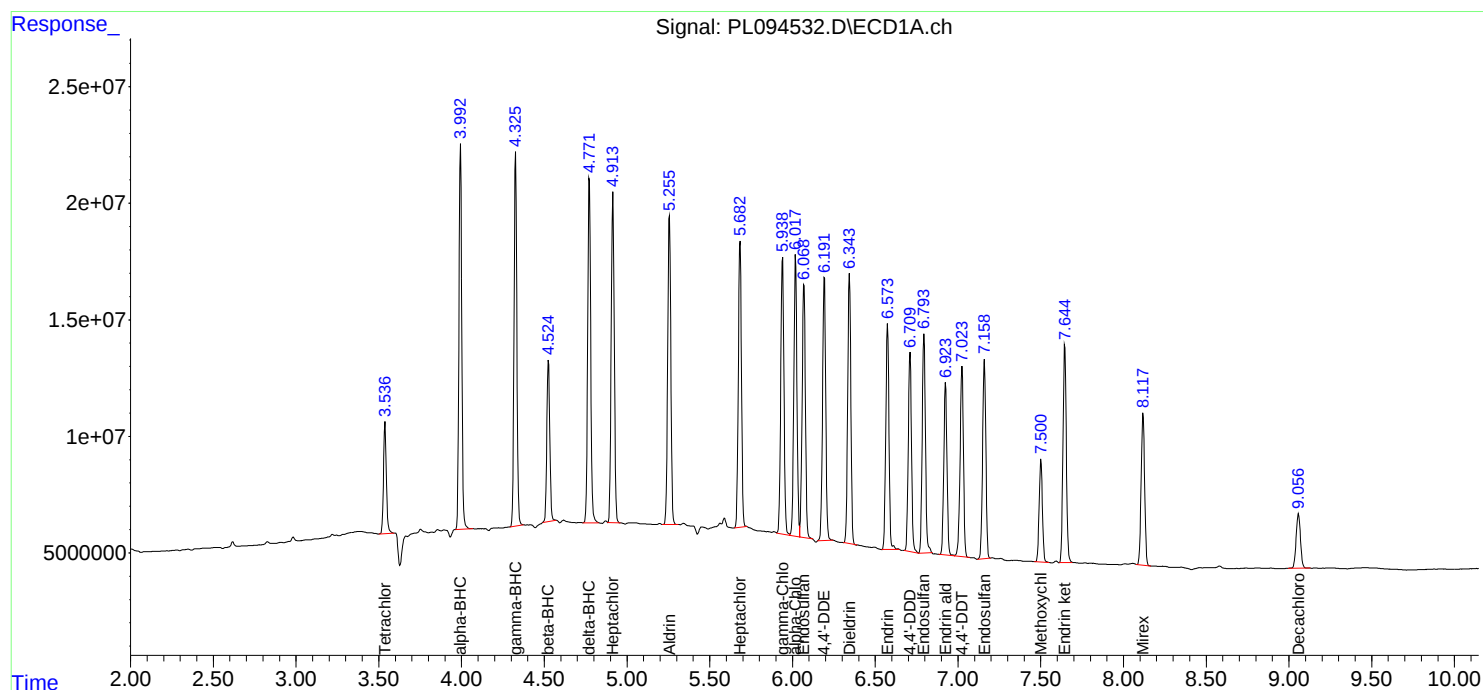
Instrument :
ECD_L
ClientSampleId :
SOILMS

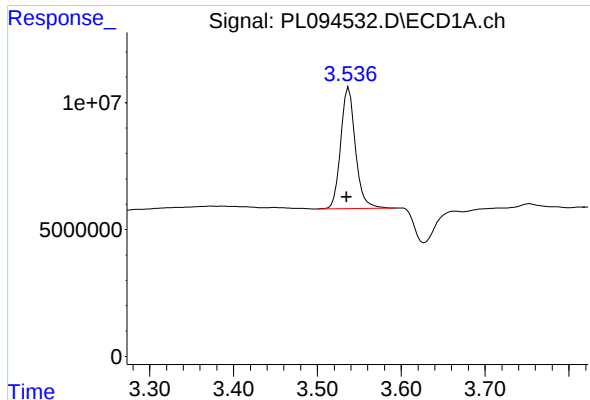
Manual Integrations
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Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:06:43 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





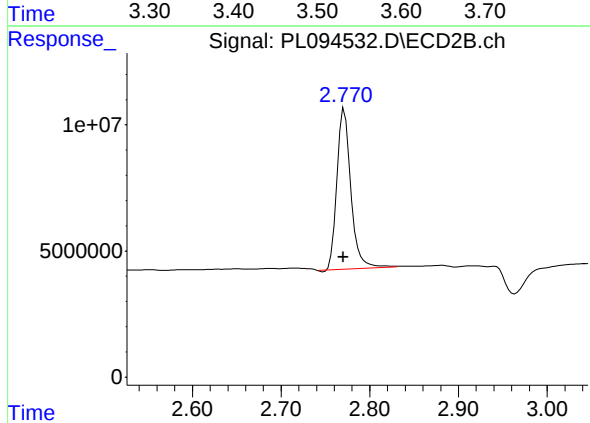
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.001 min
Response: 58260512
Conc: 22.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

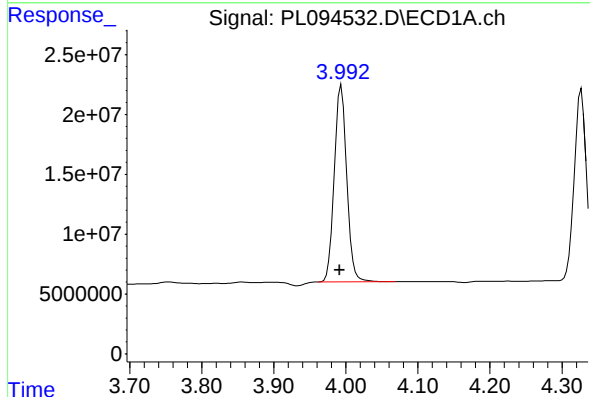
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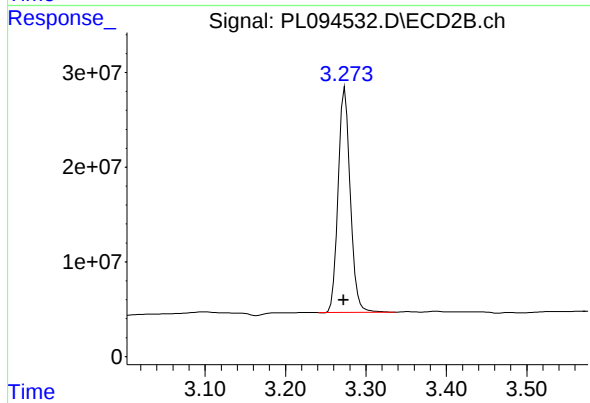
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.001 min
Response: 69674325
Conc: 21.83 ng/ml



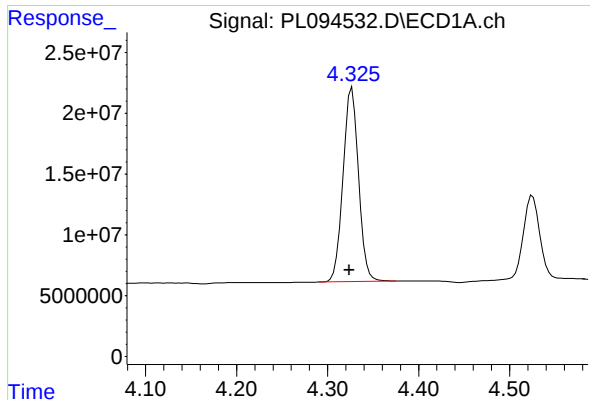
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 195741003
Conc: 51.75 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 249828461
Conc: 50.83 ng/ml



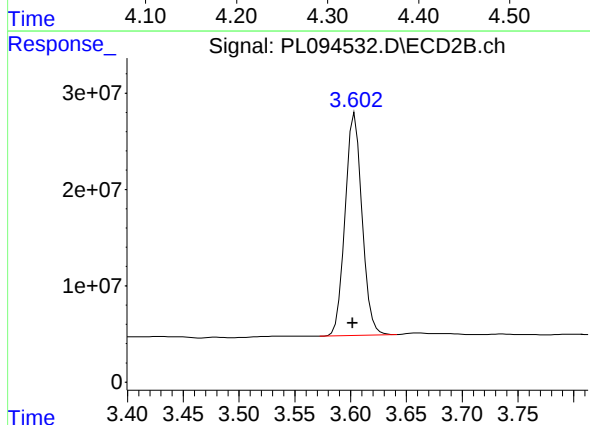
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.003 min
Response: 188980195
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

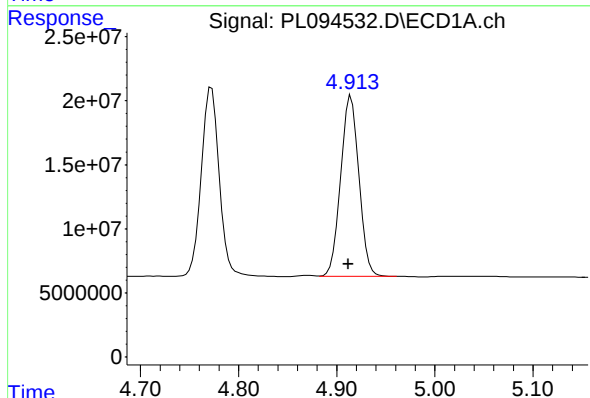
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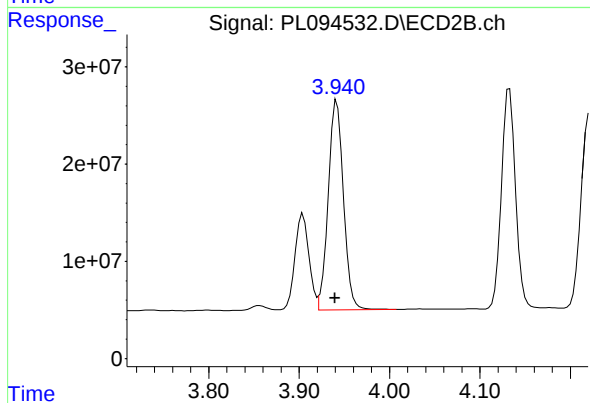
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 243064993
Conc: 51.61 ng/ml



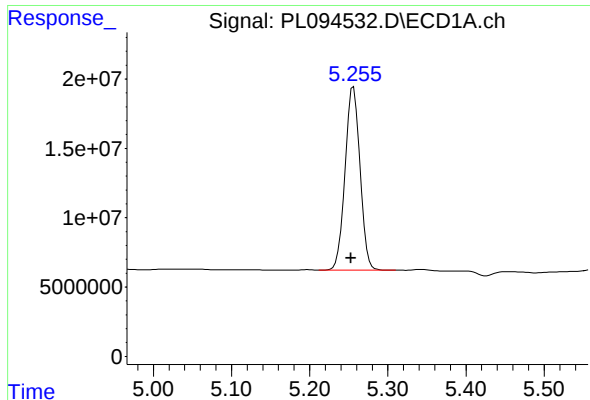
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.003 min
Response: 182464182
Conc: 53.82 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 251471367
Conc: 53.27 ng/ml



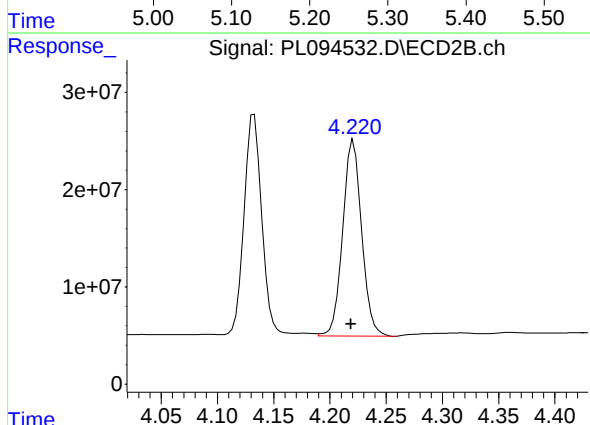
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 175723589
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

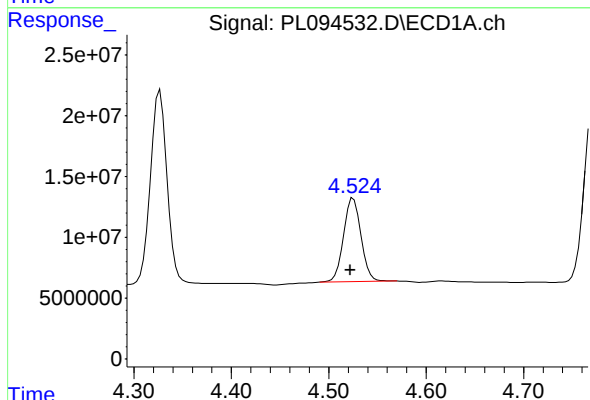
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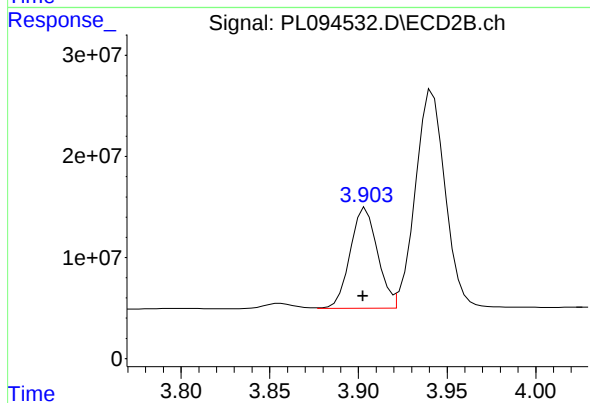
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 236497475
Conc: 51.19 ng/ml



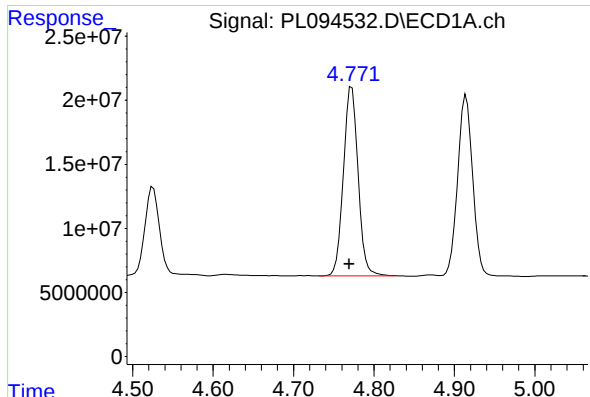
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 85989841
Conc: 53.85 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 106613730
Conc: 53.60 ng/ml



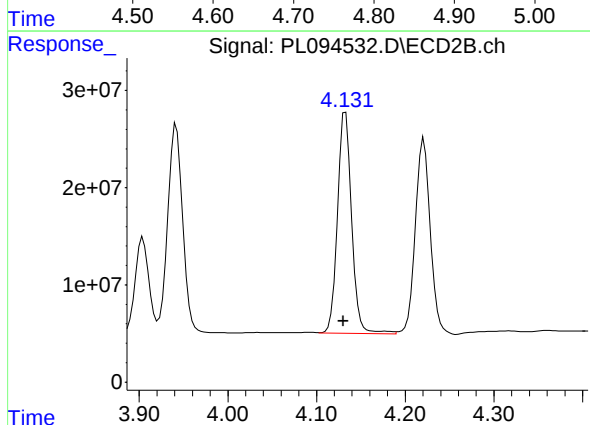
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.003 min
Response: 187485490
Conc: 52.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

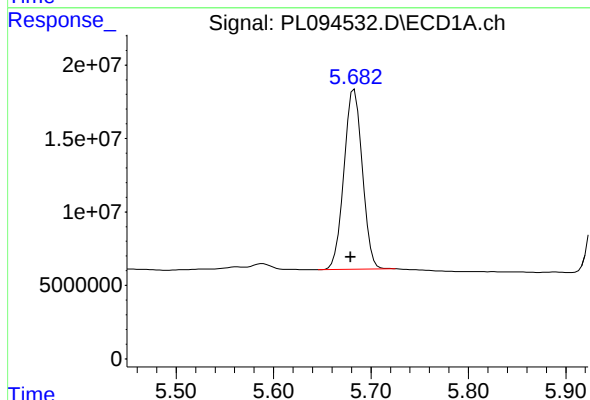
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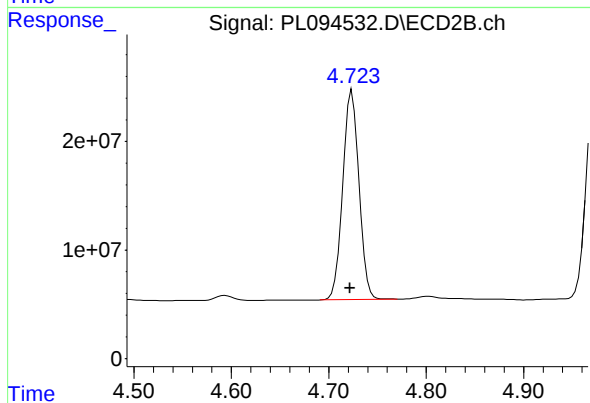
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.002 min
Response: 252116549
Conc: 53.24 ng/ml



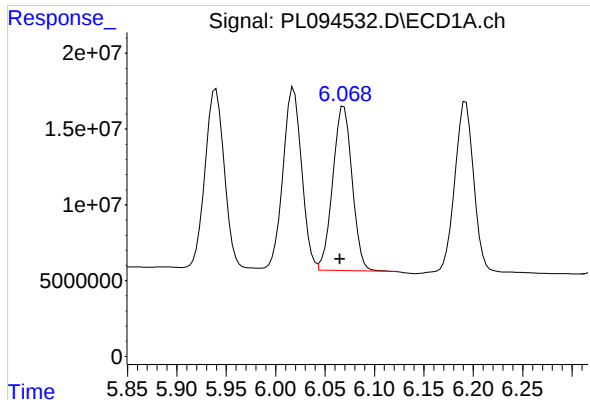
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.004 min
Response: 160240618
Conc: 53.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 222970869
Conc: 52.40 ng/ml



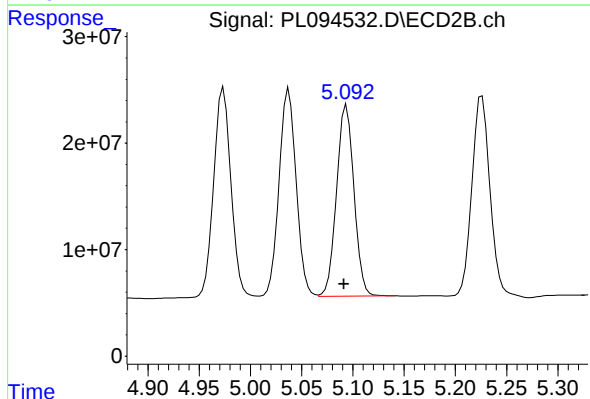
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.004 min
Response: 147687214
Conc: 53.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

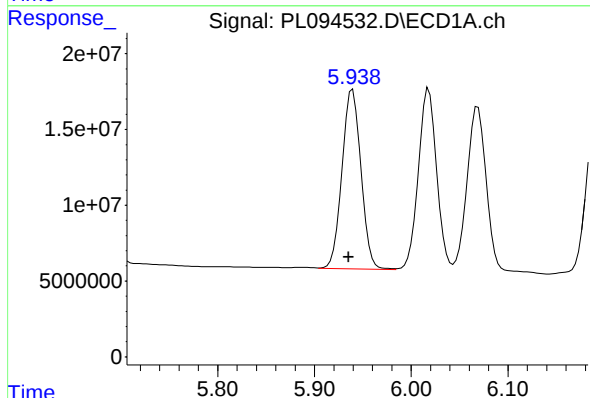
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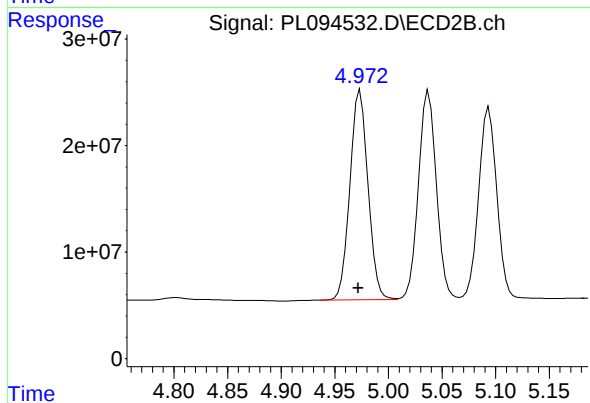
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 211839274
Conc: 53.14 ng/ml



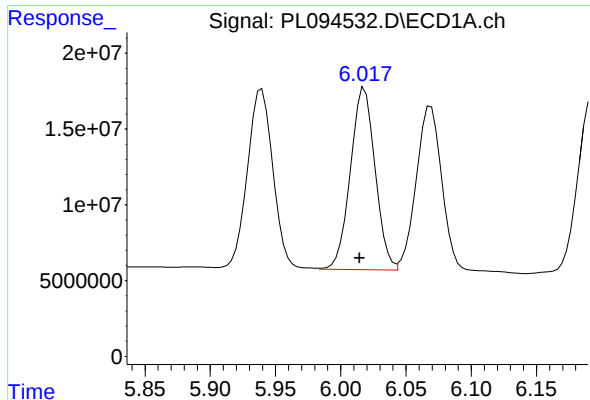
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.004 min
Response: 160751563
Conc: 54.75 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 231382922
Conc: 53.33 ng/ml



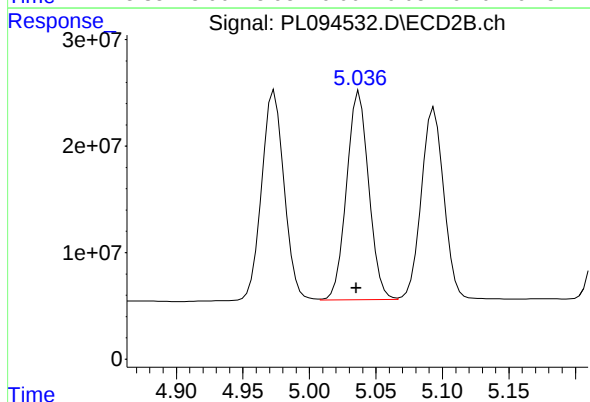
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.004 min
Response: 158239034
Conc: 54.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

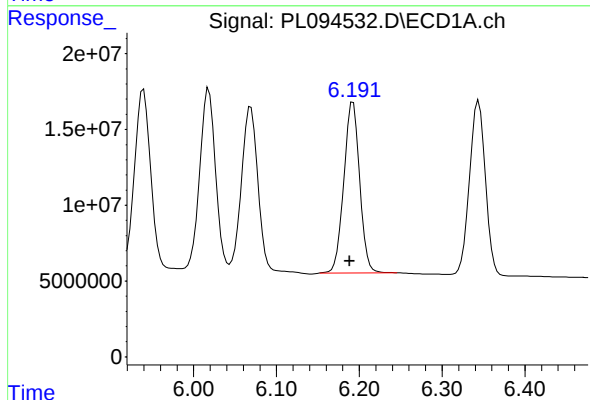
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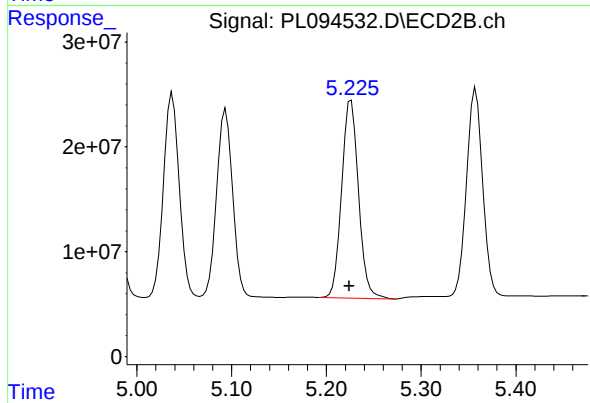
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.002 min
Response: 227655458
Conc: 52.73 ng/ml



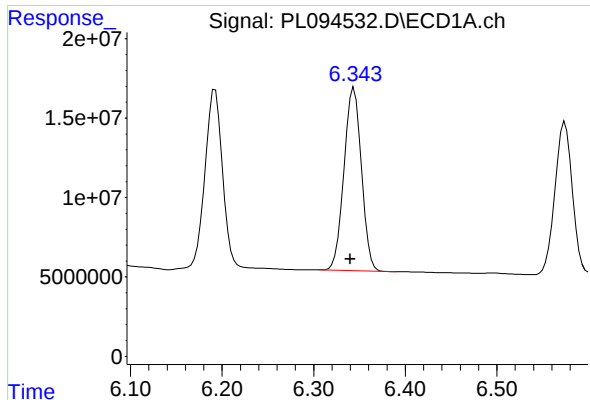
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.004 min
Response: 150100324
Conc: 57.47 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 232451928
Conc: 55.35 ng/ml



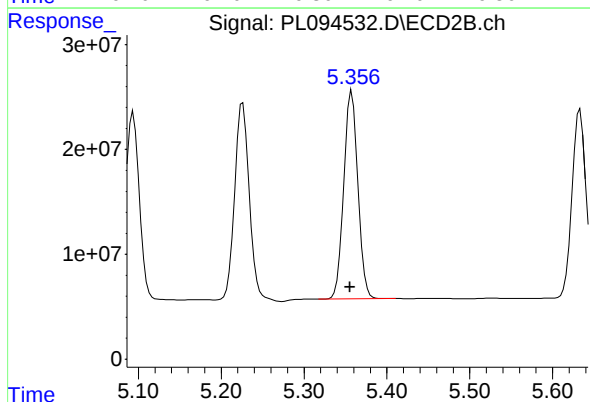
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.004 min
Response: 152779310
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

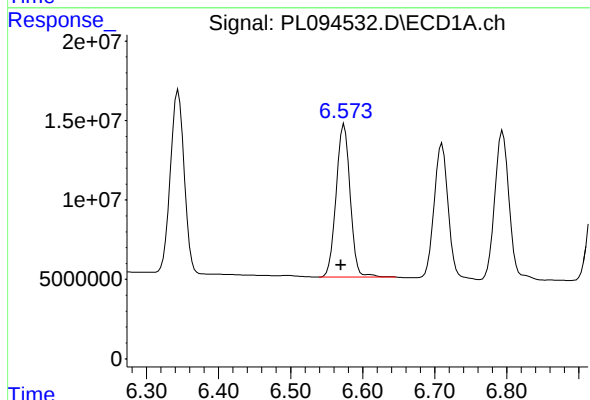
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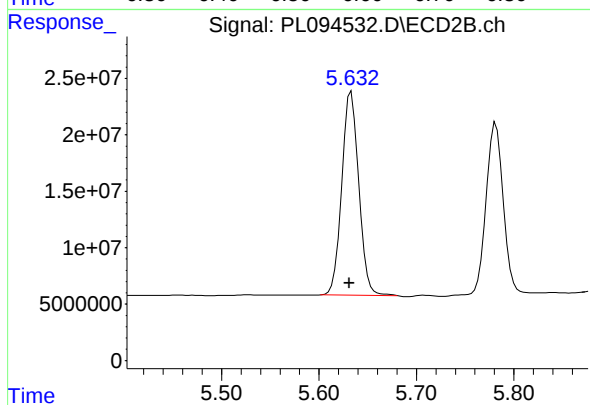
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.002 min
Response: 234681597
Conc: 53.56 ng/ml



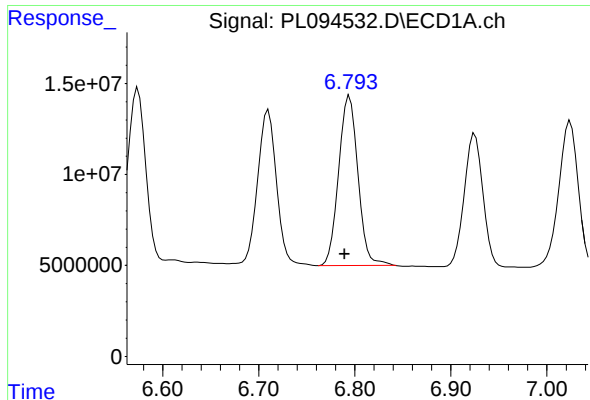
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.005 min
Response: 129442316
Conc: 50.72 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 218255604
Conc: 64.10 ng/ml



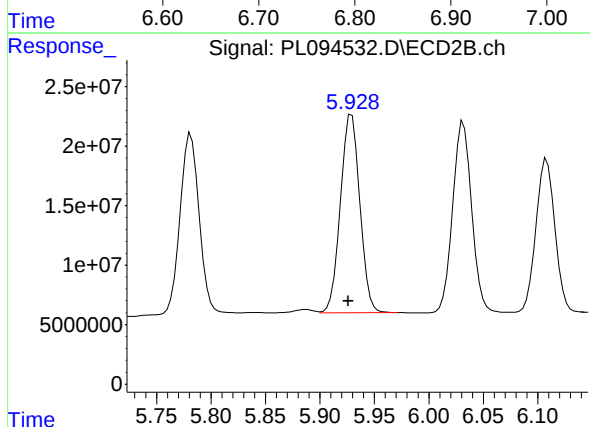
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.005 min
Response: 128755391
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

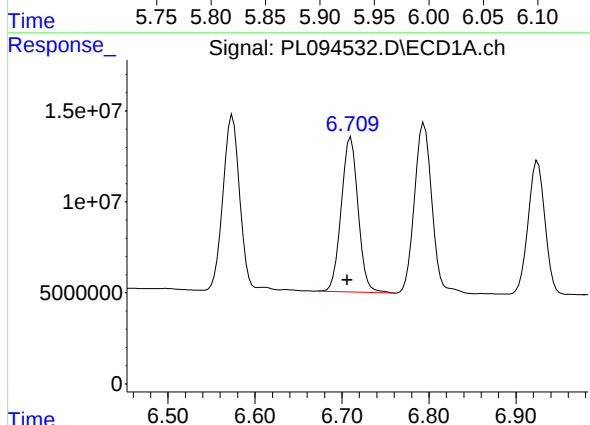
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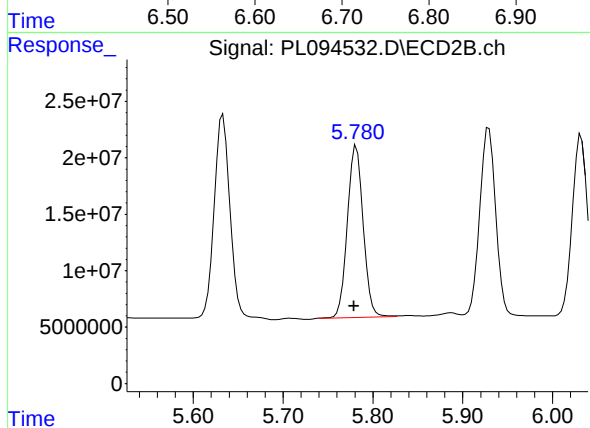
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.003 min
Response: 205998573
Conc: 55.09 ng/ml



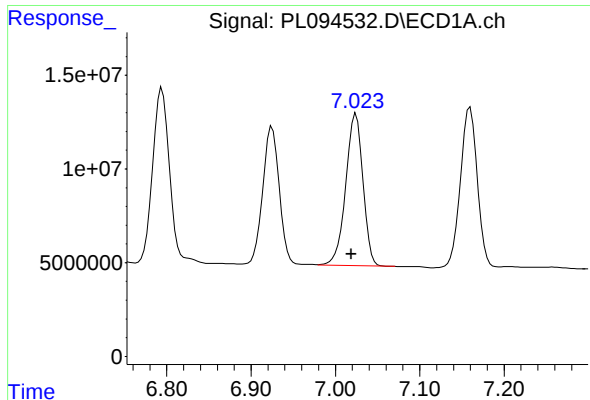
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.004 min
Response: 114981272
Conc: 62.16 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 186121515
Conc: 58.43 ng/ml



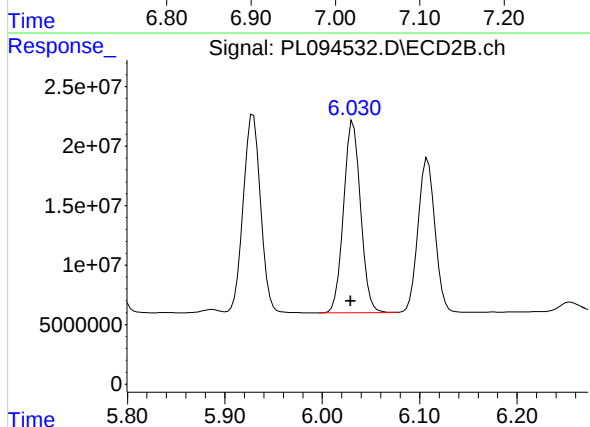
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.005 min
Response: 115170288
Conc: 54.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

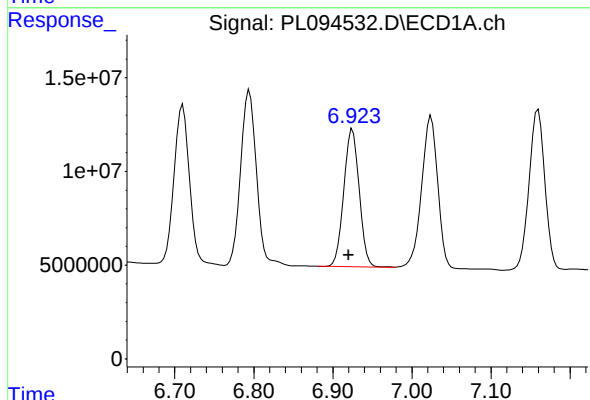
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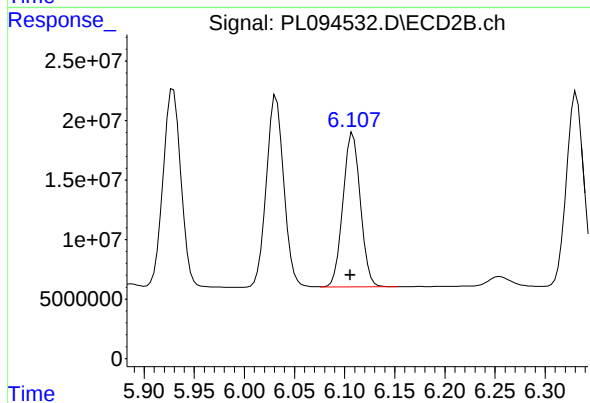
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 195354291
Conc: 54.92 ng/ml



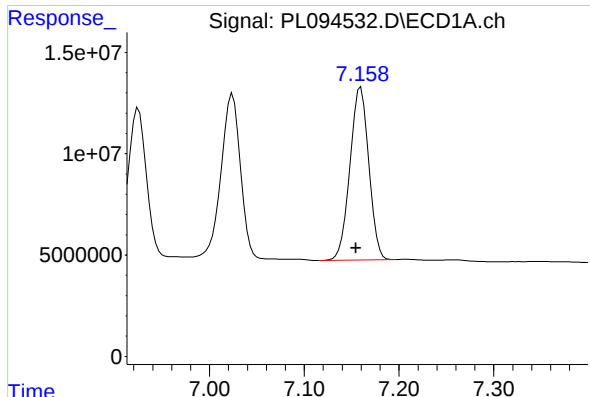
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.005 min
Response: 99898253
Conc: 51.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 156328979
Conc: 49.46 ng/ml



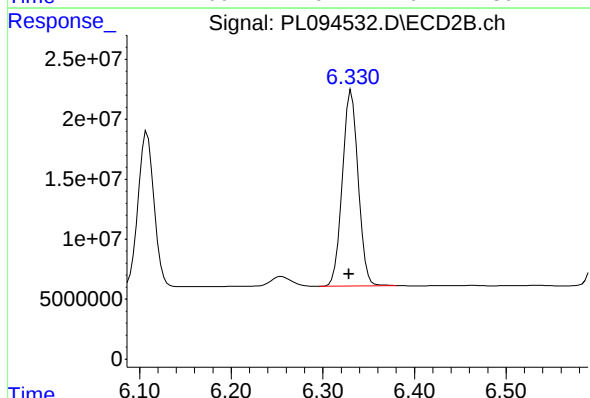
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.005 min
Response: 118123215
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

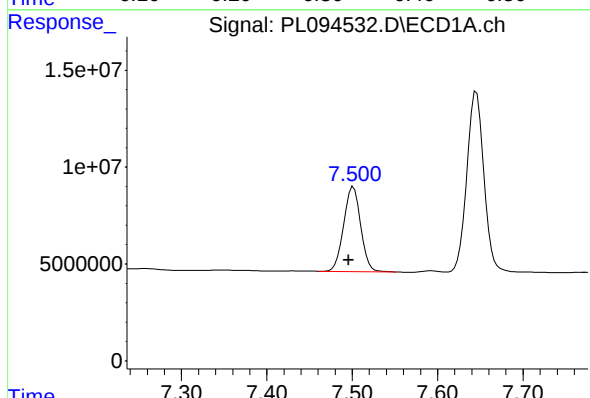
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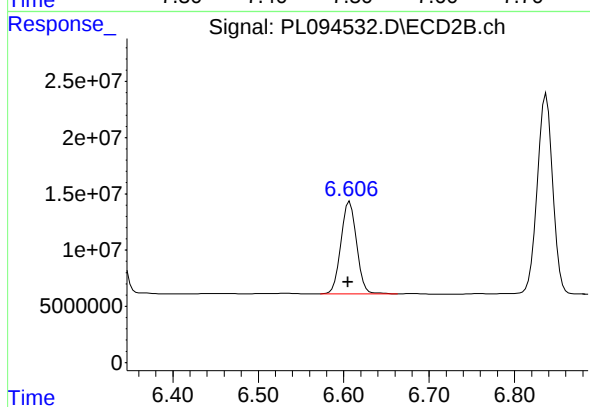
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.003 min
Response: 196855100
Conc: 53.30 ng/ml



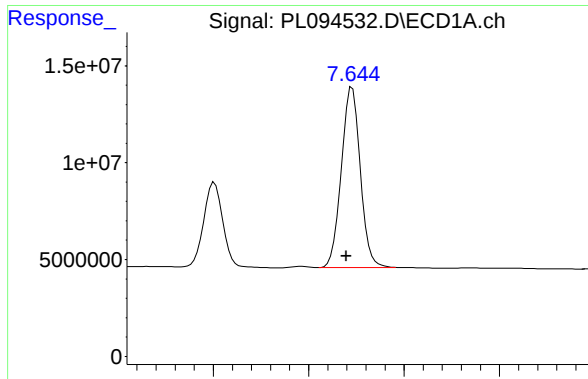
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.006 min
Response: 60435135
Conc: 54.40 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.002 min
Response: 104389630
Conc: 53.51 ng/ml



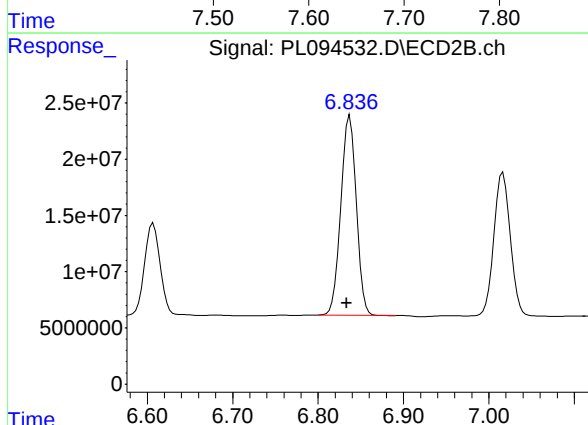
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.006 min
Response: 128981887
Conc: 51.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

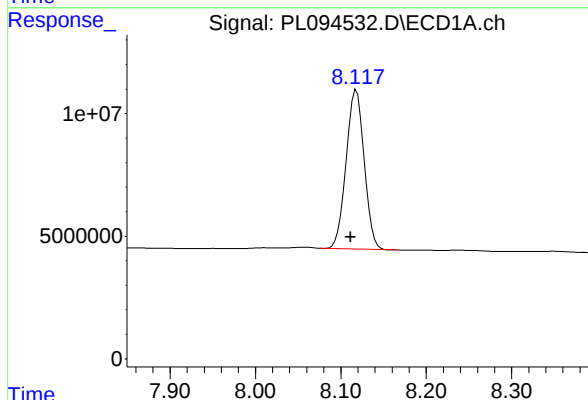
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/07/2025
Supervised By :mohammad ahmed 03/08/2025



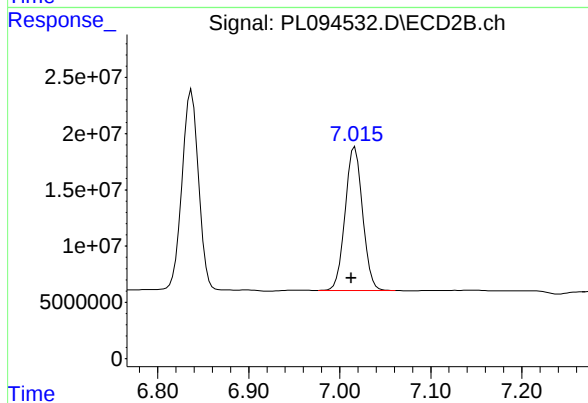
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.004 min
Response: 222536218
Conc: 52.15 ng/ml



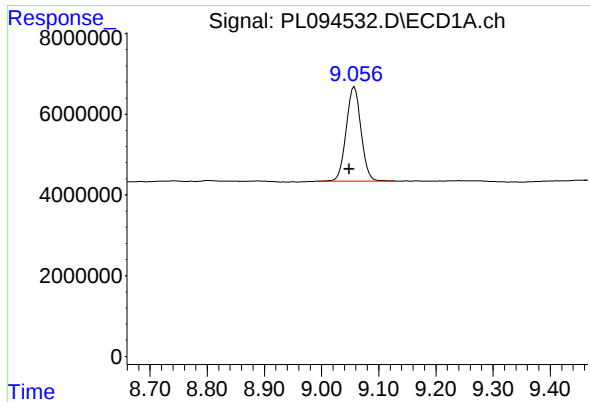
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.006 min
Response: 95465241
Conc: 46.27 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.004 min
Response: 170301200
Conc: 48.84 ng/ml



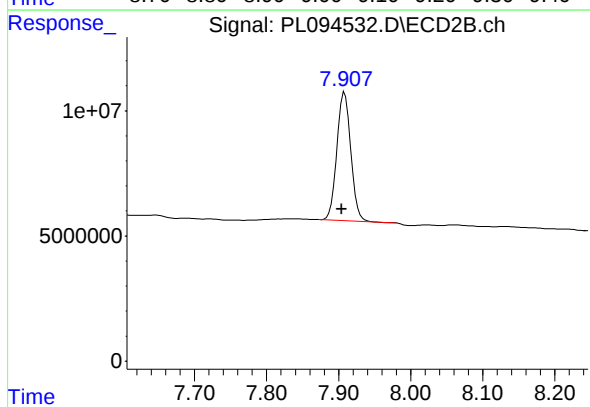
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.008 min
Response: 42300662
Conc: 19.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOILMS

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#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.004 min
Response: 68268632
Conc: 17.75 ng/ml