

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031025\
 Data File : PL094560.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2025 14:46
 Operator : AR\AJ
 Sample : Q1524-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11930-343-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/11/2025
 Supervised By :Ankita Jodhani 03/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 01:09:28 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	52011838	62354372	20.484m	19.540
28) SA Decachlor...	9.056	7.907	36050673	59539602	16.947	15.482
Target Compounds						
2) A alpha-BHC	3.993	3.274	183.4E6	243.2E6	48.496m	49.475
3) MA gamma-BHC...	4.328	3.604	177.9E6	231.1E6	48.145	49.066
4) MA Heptachlor	4.915	3.942	168.5E6	232.2E6	49.701	49.186
5) MB Aldrin	5.256	4.221	169.8E6	220.7E6	49.465m	47.774
6) B beta-BHC	4.525	3.905	82644487	101.9E6	51.753m	51.250
7) B delta-BHC	4.773	4.133	175.4E6	233.7E6	49.584	49.358
8) B Heptachlo...	5.684	4.724	151.4E6	212.3E6	50.233	49.879
9) A Endosulfan I	6.070	5.094	134.8E6	189.5E6	49.029	47.541
10) B gamma-Chl...	5.941	4.974	159.6E6	246.1E6	54.366	56.721
11) B alpha-Chl...	6.018	5.037	164.3E6	234.9E6	56.729m	54.400
12) B 4,4'-DDE	6.193	5.227	131.7E6	222.0E6	50.435	52.861
13) MA Dieldrin	6.345	5.357	144.5E6	232.0E6	50.713	52.938m
14) MA Endrin	6.574	5.634	116.4E6	200.6E6	45.606m	58.929 #
15) B Endosulfa...	6.796	5.929	119.2E6	204.1E6	47.346	54.572
16) A 4,4'-DDD	6.710	5.780	110.2E6	177.2E6	59.576m	55.643m
17) MA 4,4'-DDT	7.025	6.032	105.0E6	180.9E6	49.997	50.868
18) B Endrin al...	6.924	6.108	91676074	152.0E6	47.091m	48.104
19) B Endosulfa...	7.160	6.331	109.3E6	187.2E6	48.295	50.668
20) A Methoxychlor	7.502	6.607	52286893	89924254	47.061	46.091
21) B Endrin ke...	7.646	6.835	121.3E6	213.5E6	48.399	50.040m
22) Mirex	8.118	7.016	88235385	160.2E6	42.764	45.931

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031025\
Data File : PL094560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2025 14:46
Operator : AR\AJ
Sample : Q1524-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

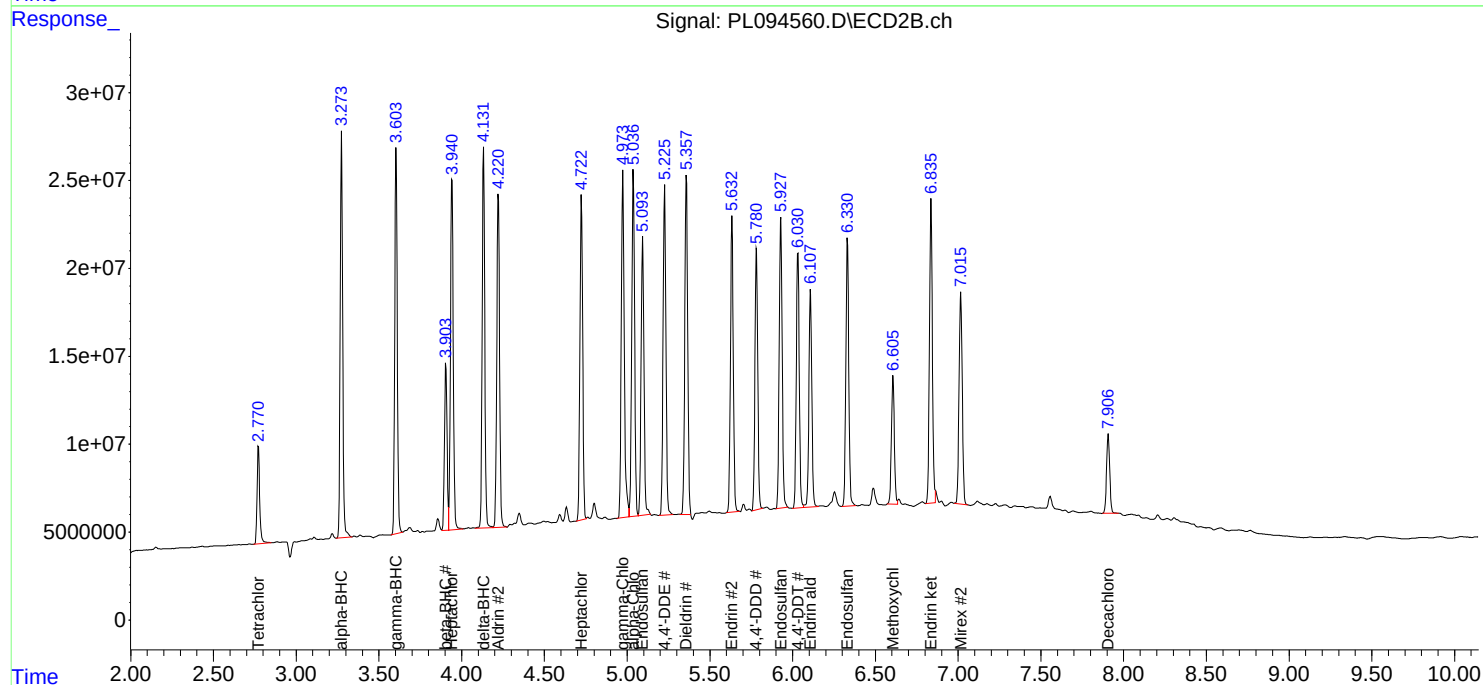
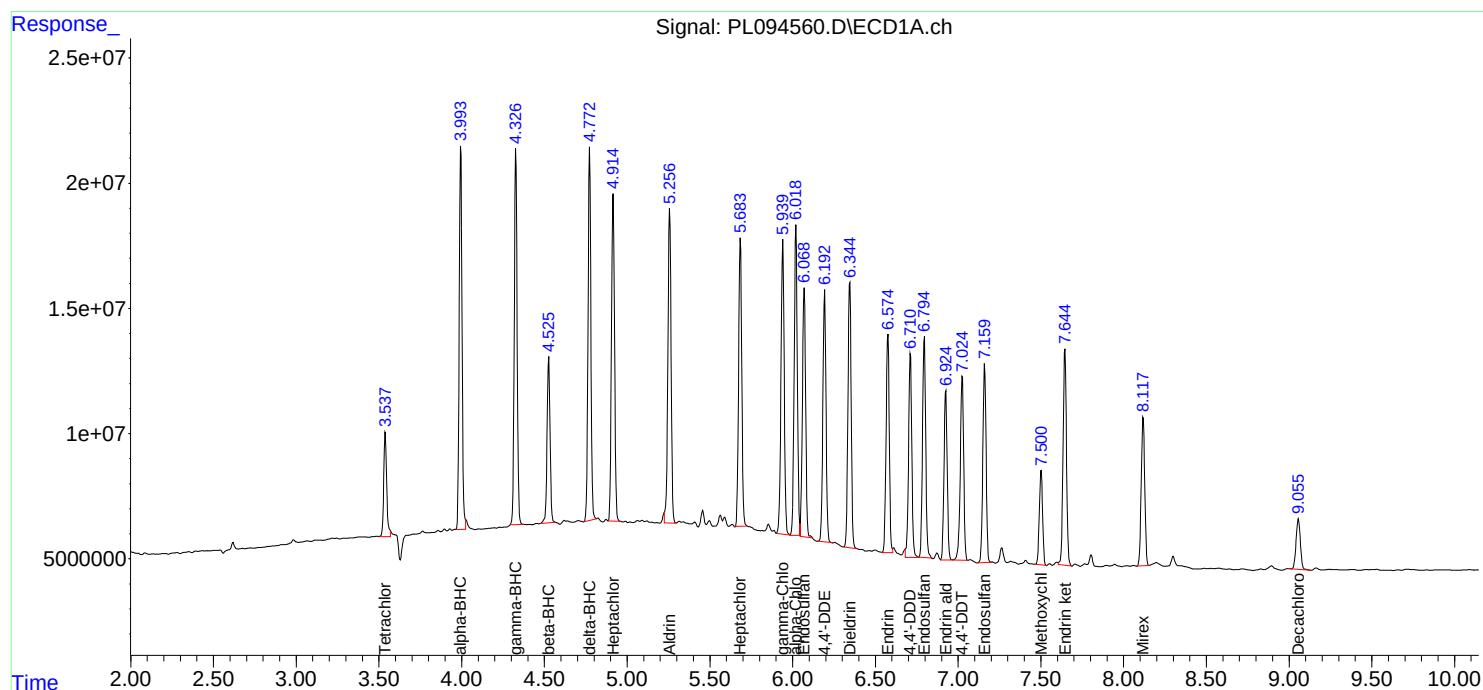
Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMS

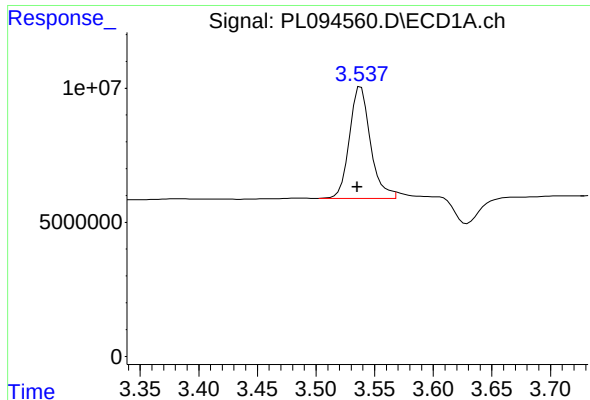
Manual Integrations
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Supervised By :Ankita Jodhani 03/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 01:09:28 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





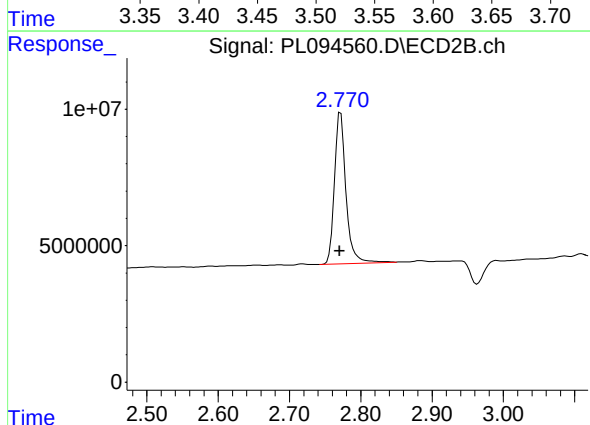
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 52011838
Conc: 20.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMS

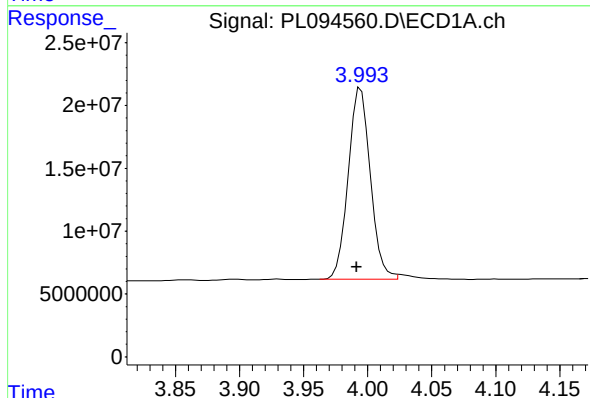
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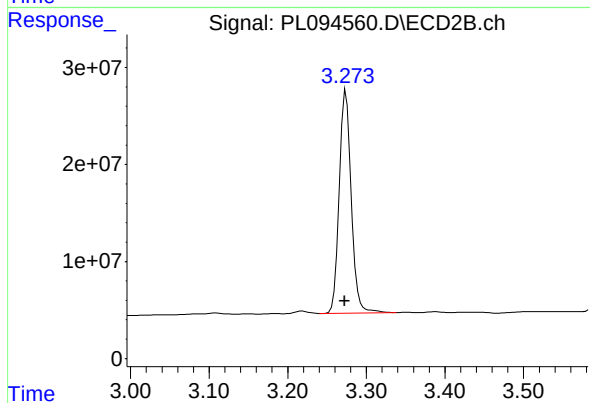
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.001 min
Response: 62354372
Conc: 19.54 ng/ml



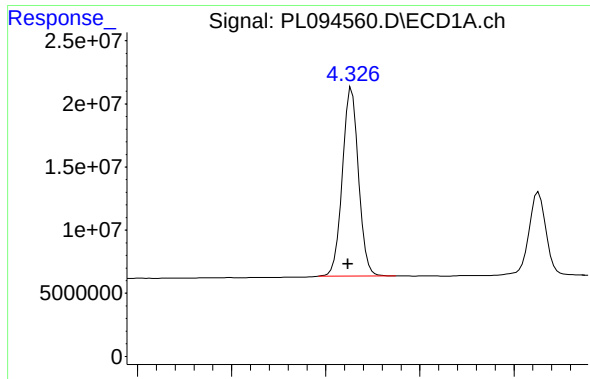
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 183445370
Conc: 48.50 ng/ml m



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 243157691
Conc: 49.47 ng/ml



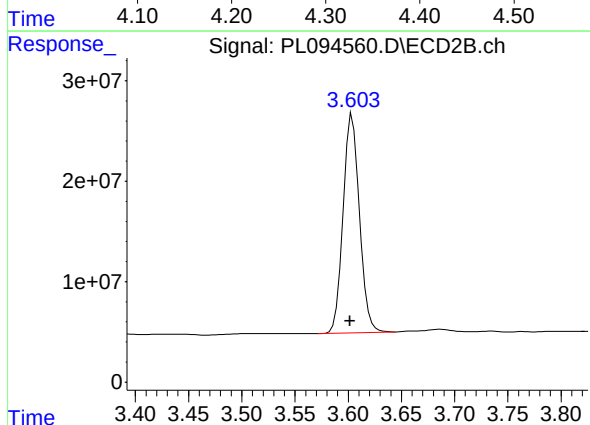
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.004 min
Response: 177881255
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMS

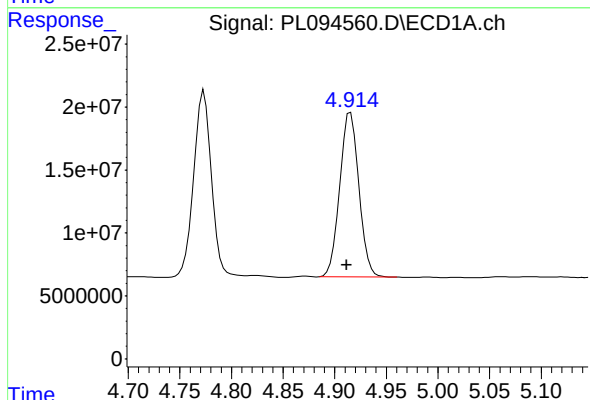
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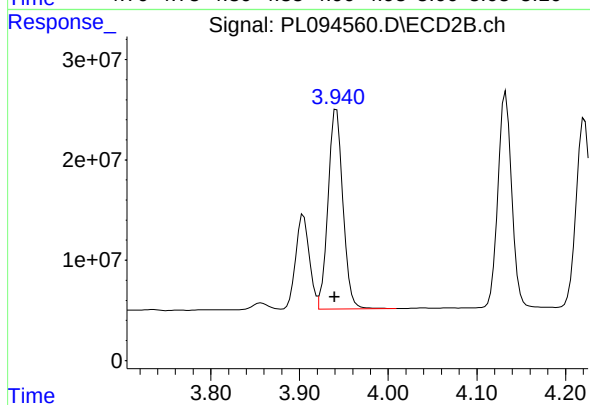
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 231099863
Conc: 49.07 ng/ml



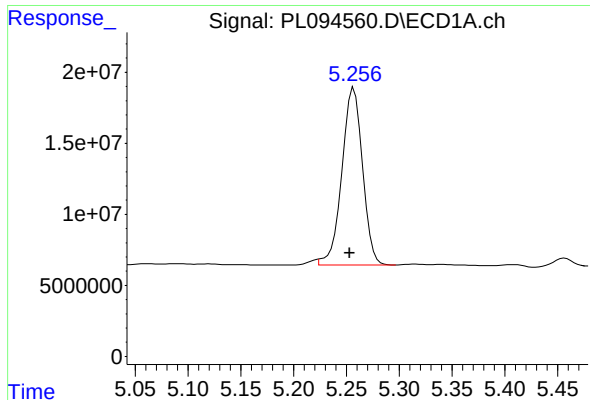
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.004 min
Response: 168504792
Conc: 49.70 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 232170927
Conc: 49.19 ng/ml



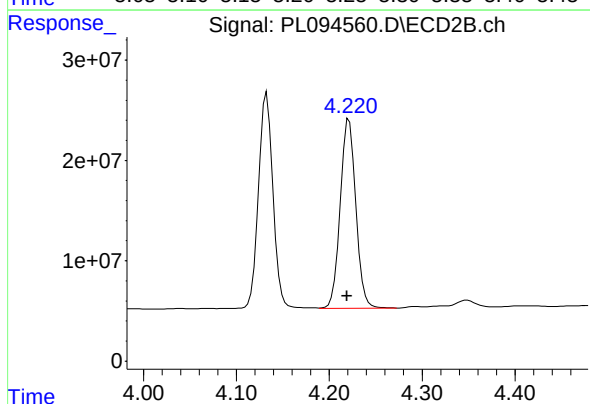
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 169751464
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMS

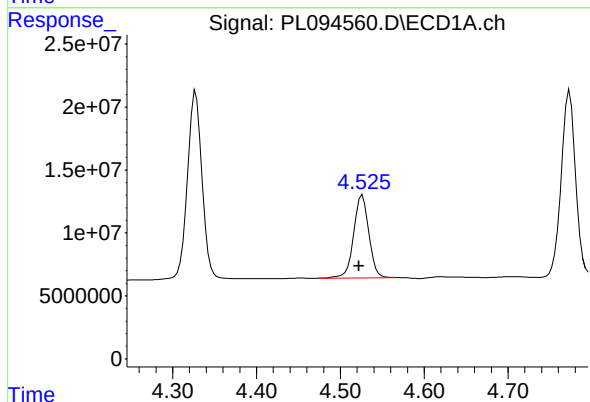
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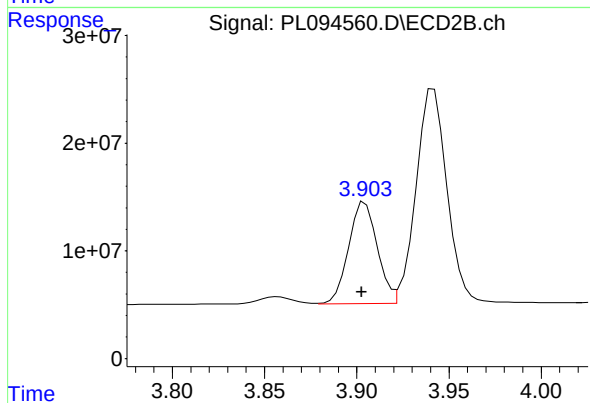
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 220732906
Conc: 47.77 ng/ml



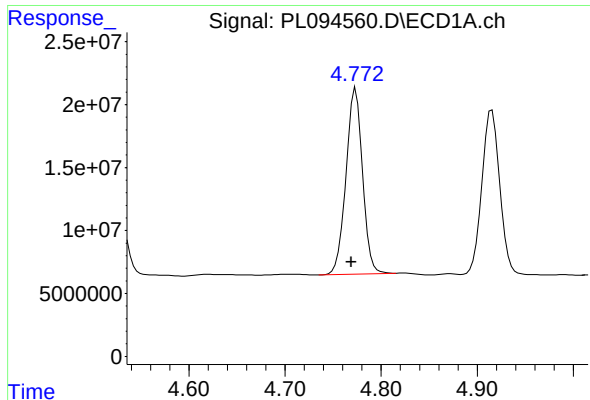
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 82644487
Conc: 51.75 ng/ml m



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.002 min
Response: 101931878
Conc: 51.25 ng/ml



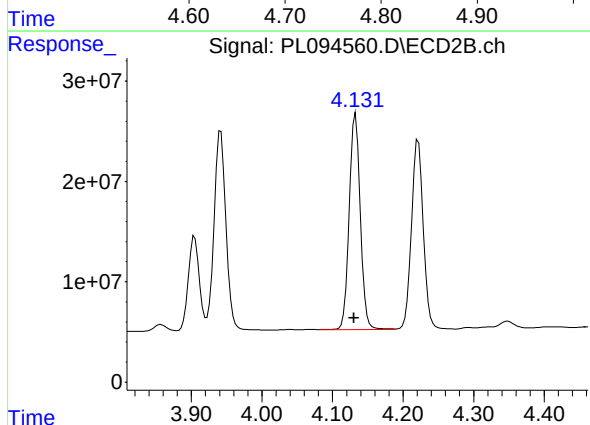
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.004 min
Response: 175441605
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMS

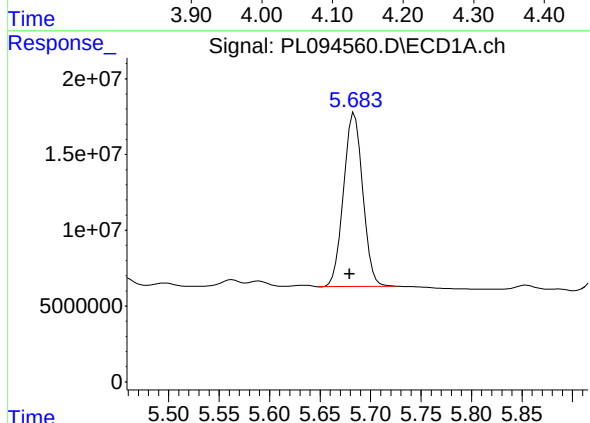
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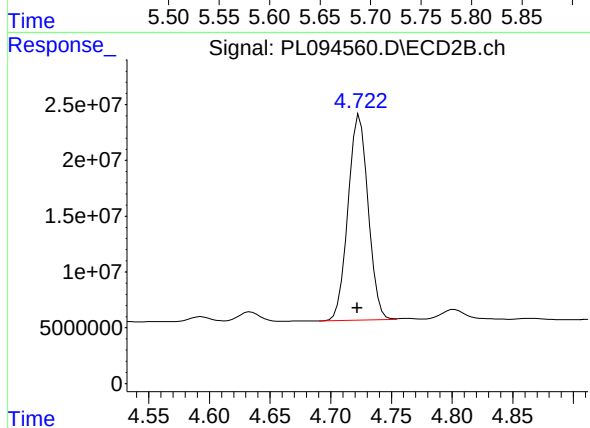
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.002 min
Response: 233743924
Conc: 49.36 ng/ml



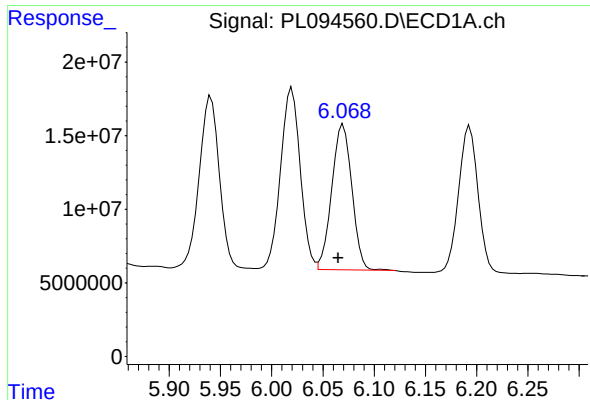
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.005 min
Response: 151372172
Conc: 50.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 212253707
Conc: 49.88 ng/ml



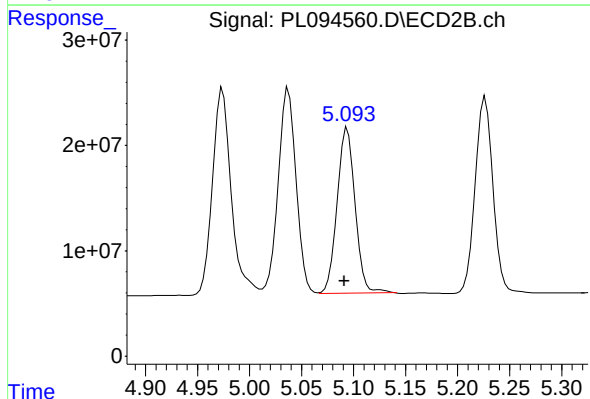
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.005 min
Response: 134762993
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMS

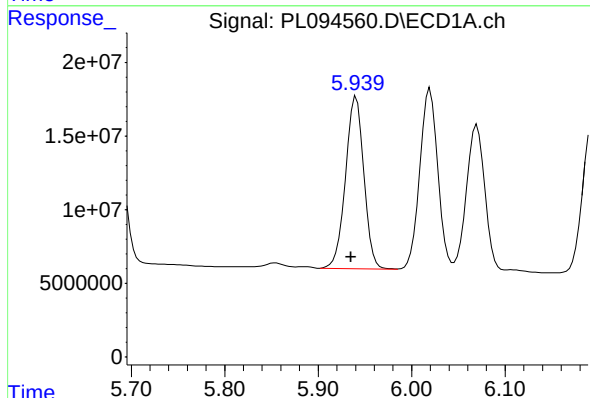
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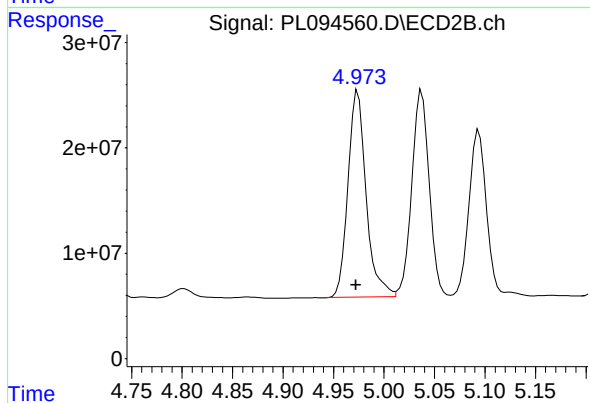
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 189527463
Conc: 47.54 ng/ml



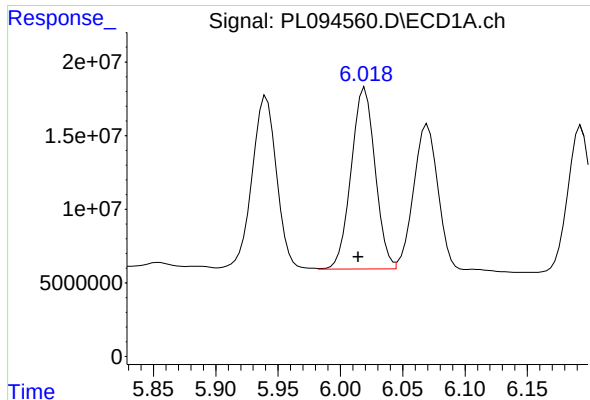
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.005 min
Response: 159625538
Conc: 54.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 246103948
Conc: 56.72 ng/ml



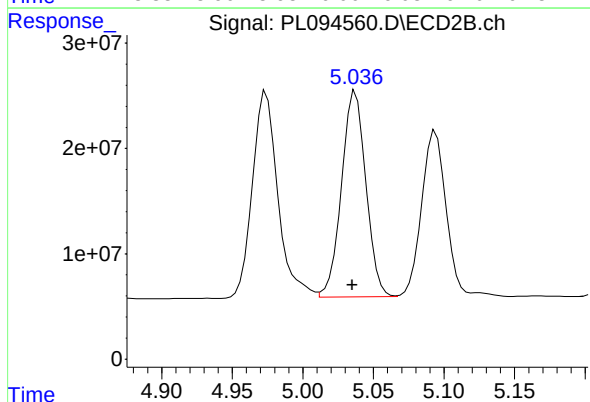
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.004 min
Response: 164347742
Conc: 56.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMS

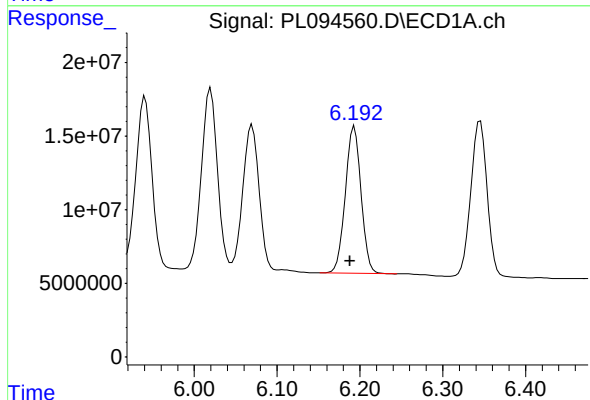
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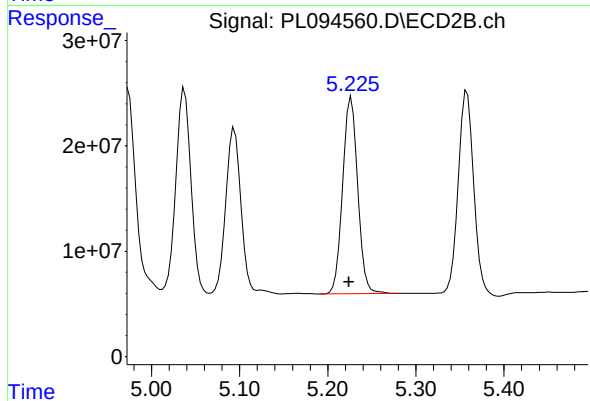
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 234877376
Conc: 54.40 ng/ml



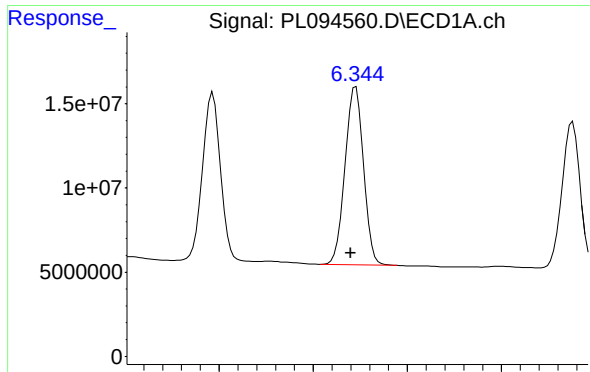
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.005 min
Response: 131721965
Conc: 50.43 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.003 min
Response: 222016803
Conc: 52.86 ng/ml



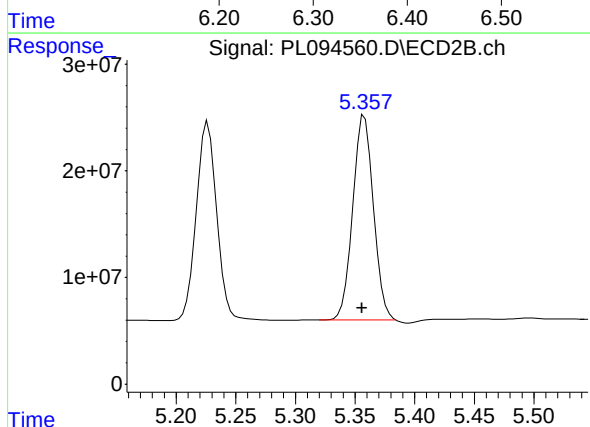
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.005 min
Response: 144483720
Conc: 50.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMS

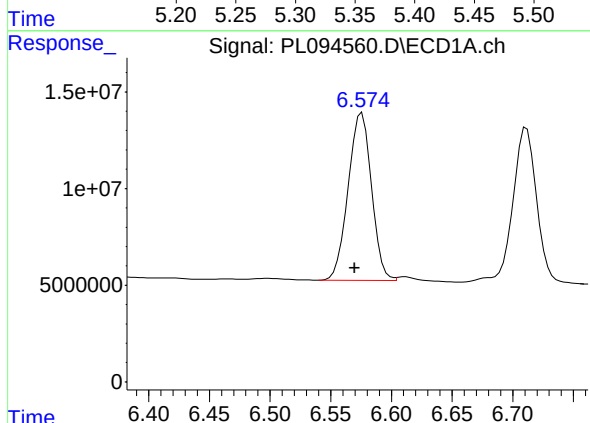
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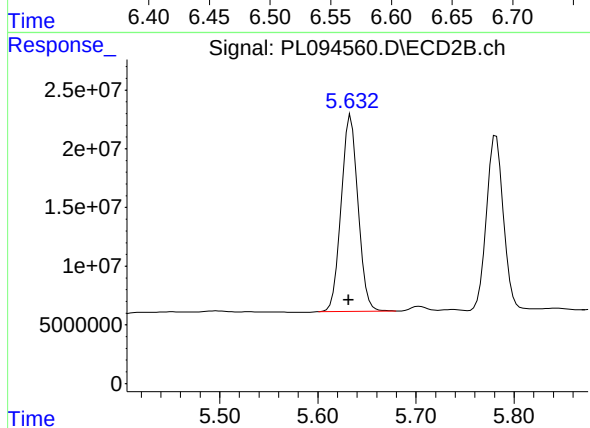
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 231963516
Conc: 52.94 ng/ml



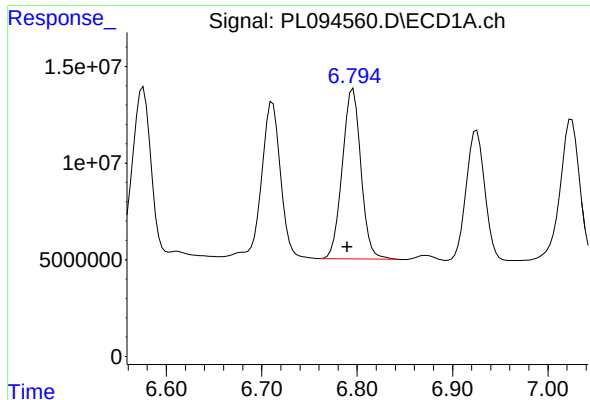
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.005 min
Response: 116398331
Conc: 45.61 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 200635531
Conc: 58.93 ng/ml



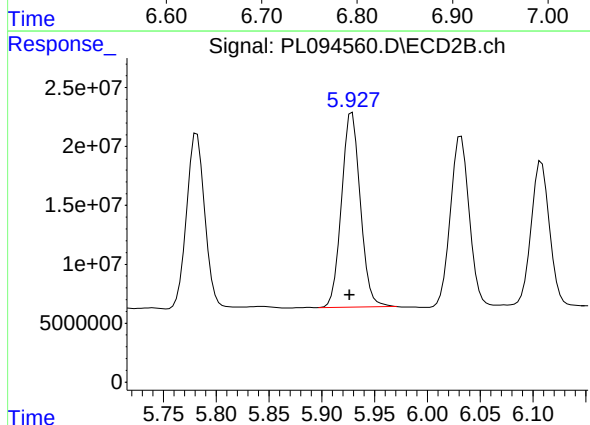
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.006 min
Response: 119181762
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMS

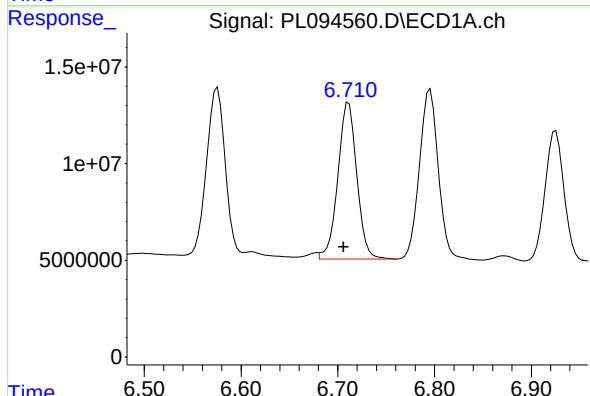
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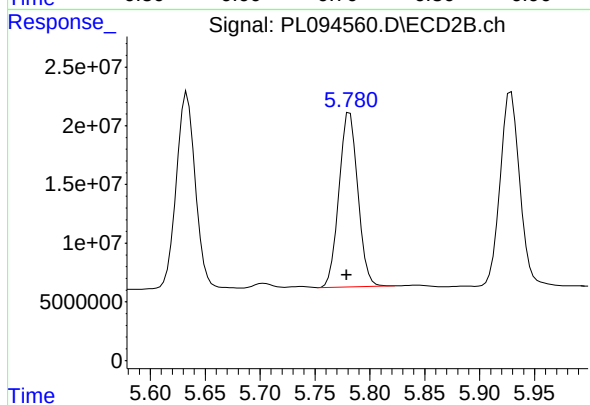
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.003 min
Response: 204073457
Conc: 54.57 ng/ml



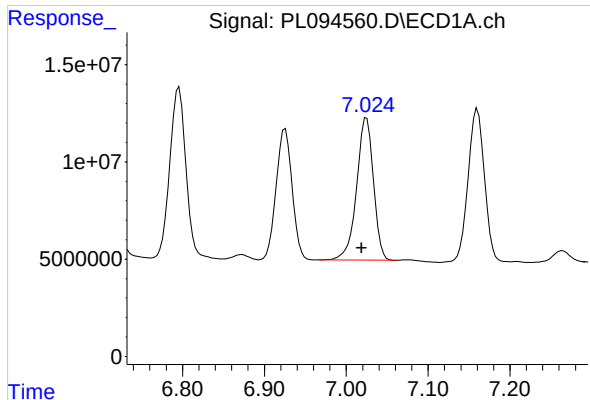
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.004 min
Response: 110200619
Conc: 59.58 ng/ml m



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.001 min
Response: 177241710
Conc: 55.64 ng/ml m



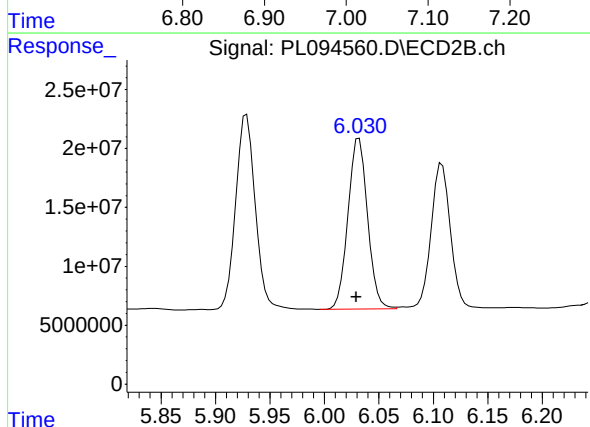
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.006 min
Response: 104995490
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMS

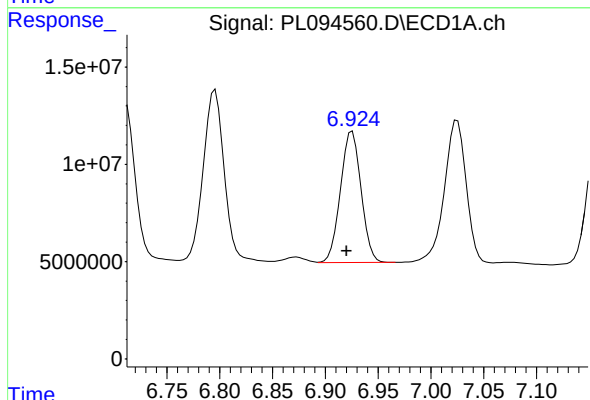
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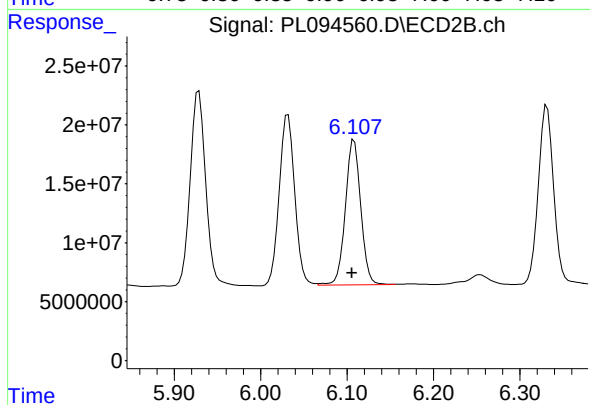
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 180937544
Conc: 50.87 ng/ml



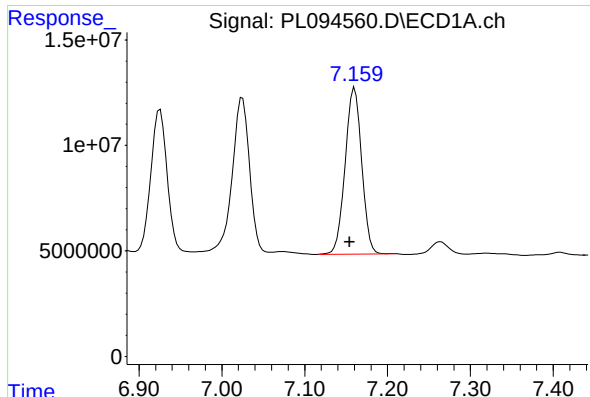
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.004 min
Response: 91676074
Conc: 47.09 ng/ml m



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 152028827
Conc: 48.10 ng/ml



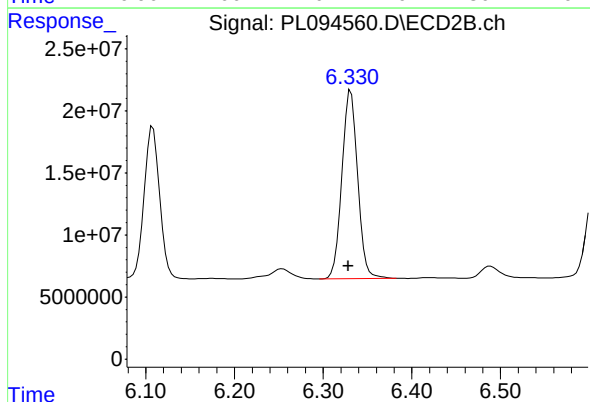
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.006 min
Response: 109332544
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMS

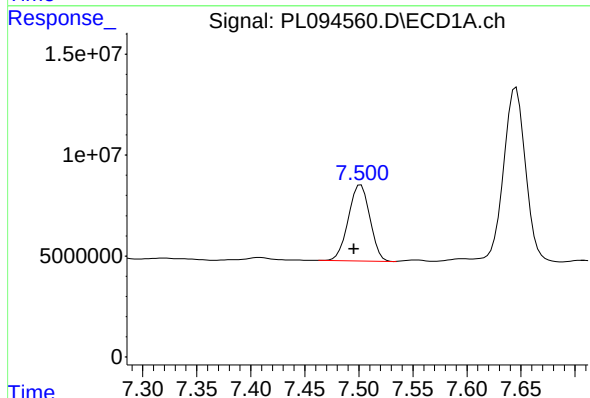
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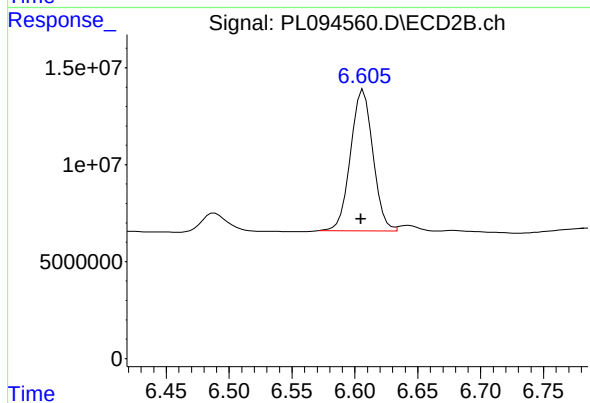
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.003 min
Response: 187151507
Conc: 50.67 ng/ml



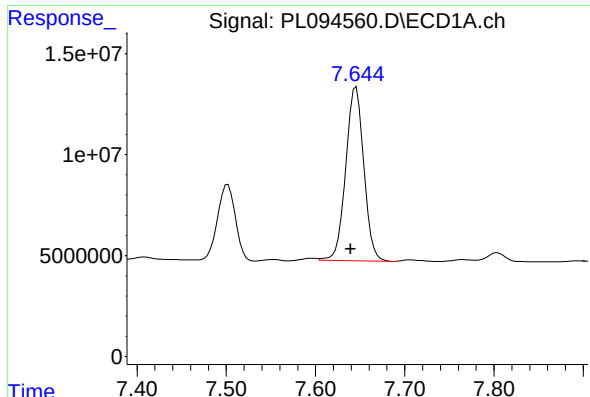
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.006 min
Response: 52286893
Conc: 47.06 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.002 min
Response: 89924254
Conc: 46.09 ng/ml



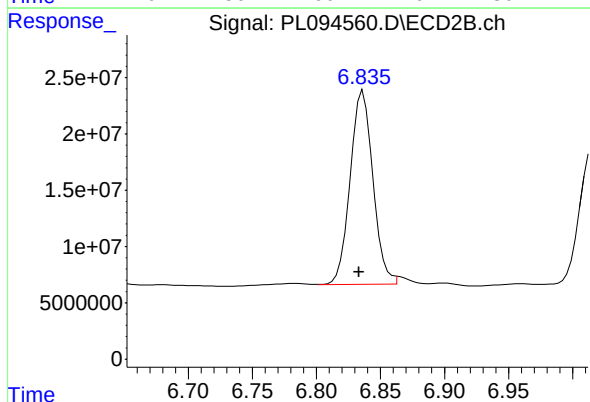
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.006 min
Response: 121331887
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMS

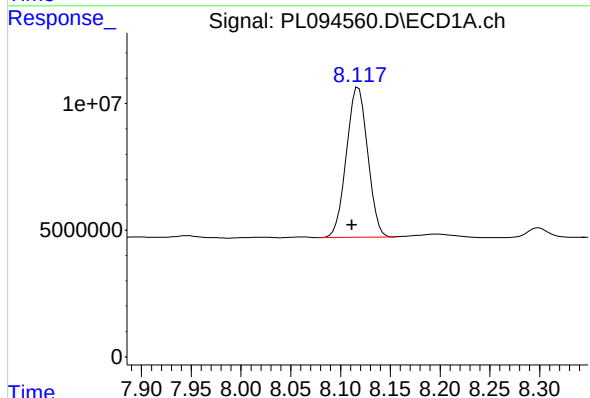
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/11/2025
Supervised By :Ankita Jodhani 03/11/2025



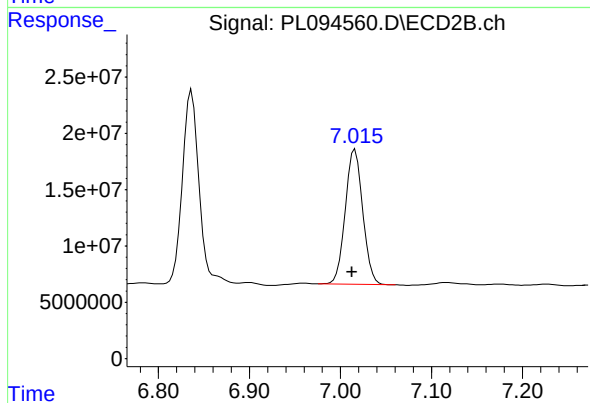
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 213544863
Conc: 50.04 ng/ml m



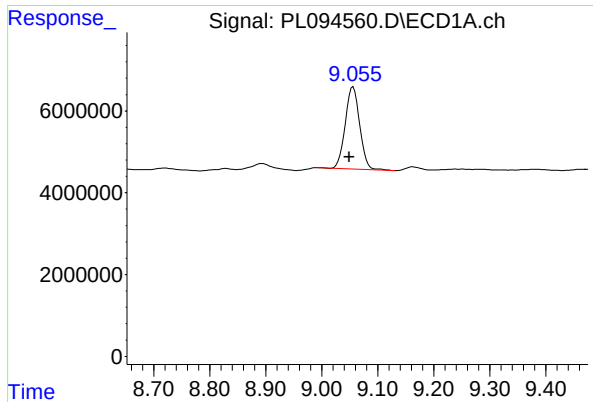
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.006 min
Response: 88235385
Conc: 42.76 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: 0.003 min
Response: 160162910
Conc: 45.93 ng/ml



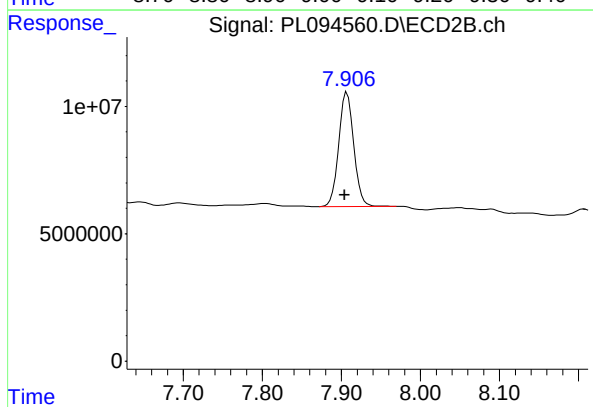
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.007 min
Response: 36050673
Conc: 16.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMS

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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 59539602
Conc: 15.48 ng/ml