

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
 Data File : PL094425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 17:44
 Operator : AR\AJ
 Sample : Q1442-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 351MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/02/2025
 Supervised By :Sohil Jodhani 03/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 22:14:08 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	48719841	59101118	19.188m	18.520
28) SA Decachlor...	9.054	7.907	31324924	48144569	14.725	12.519
Target Compounds						
2) A alpha-BHC	3.994	3.274	194.8E6	259.2E6	51.490	52.736
3) MA gamma-BHC...	4.325	3.604	194.4E6	243.6E6	52.626m	51.730
4) MA Heptachlor	4.914	3.942	184.0E6	258.0E6	54.286	54.658
5) MB Aldrin	5.254	4.221	182.2E6	240.1E6	53.086m	51.969
6) B beta-BHC	4.525	3.904	81788375	106.0E6	51.217	53.304
7) B delta-BHC	4.772	4.133	189.9E6	240.7E6	53.677	50.820
8) B Heptachlo...	5.681	4.722	242.2E6	314.7E6	80.366m	73.954m
9) A Endosulfan I	6.068	5.094	139.5E6	201.6E6	50.767	50.565
10) B gamma-Chl...	5.940	4.974	457.3E6	648.5E6	155.755	149.462
11) B alpha-Chl...	6.019	5.037	613.3E6	774.2E6	211.706	179.318
12) B 4,4'-DDE	6.192	5.225	138.8E6	235.8E6	53.140	56.135m
13) MA Dieldrin	6.343	5.358	168.4E6	277.2E6	59.101	63.253
14) MA Endrin	6.573	5.633	119.0E6	210.5E6	46.625	61.834 #
15) B Endosulfa...	6.793	5.930	129.1E6	344.8E6	51.284	92.210 #
16) A 4,4'-DDD	6.708	5.780	122.1E6	169.9E6	66.008m	53.348m
17) MA 4,4'-DDT	7.023	6.031	129.9E6	210.3E6	61.847	59.109
18) B Endrin al...	6.922	6.106	103.4E6	160.7E6	53.106m	50.854m
19) B Endosulfa...	7.159	6.331	115.8E6	193.6E6	51.162	52.419
20) A Methoxychlor	7.499	6.606	57440686	97275437	51.700	49.859
21) B Endrin ke...	7.642	6.836	131.5E6	196.2E6	52.443m	45.979
22) Mirex	8.116	7.015	88931157	142.4E6	43.101	40.844

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
Data File : PL094425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 17:44
Operator : AR\AJ
Sample : Q1442-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

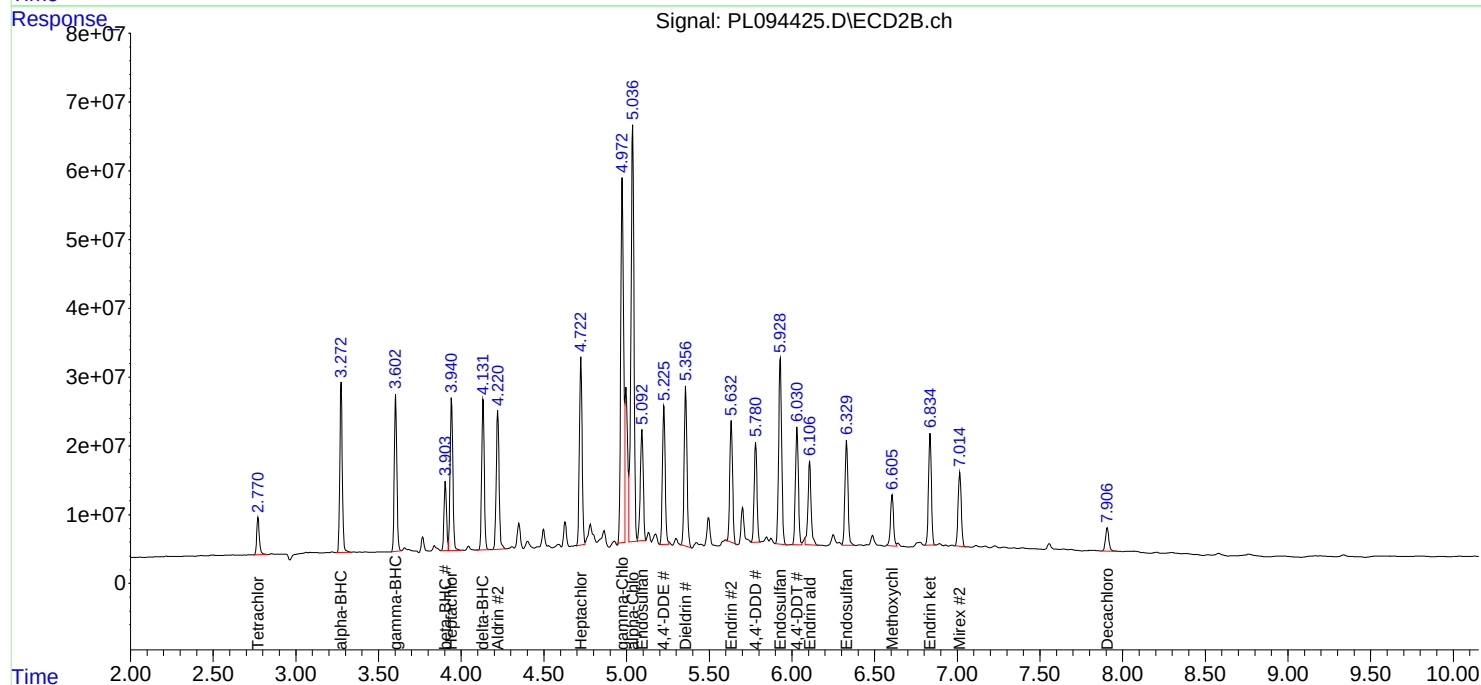
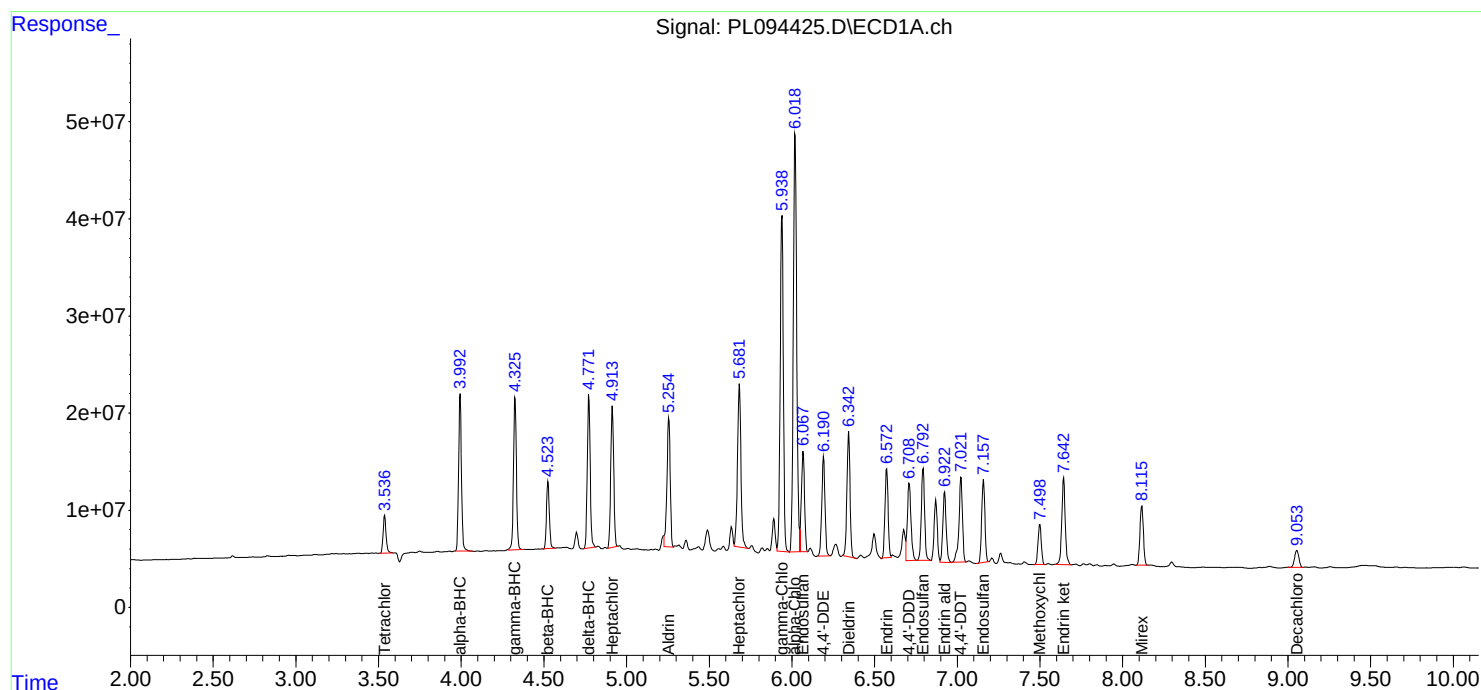
Instrument :
ECD_L
ClientSampleId :
351MS

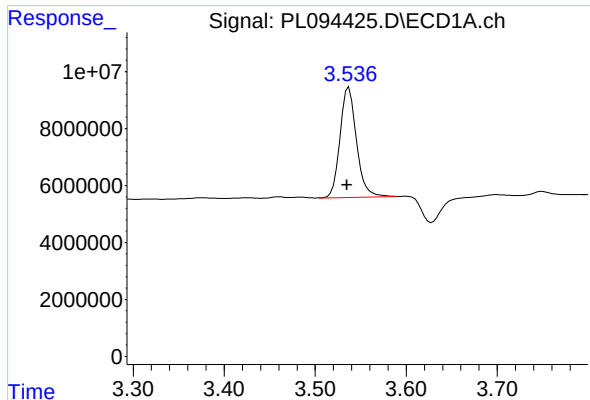
Manual Integrations
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Supervised By :Sohil Jodhani 03/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 22:14:08 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





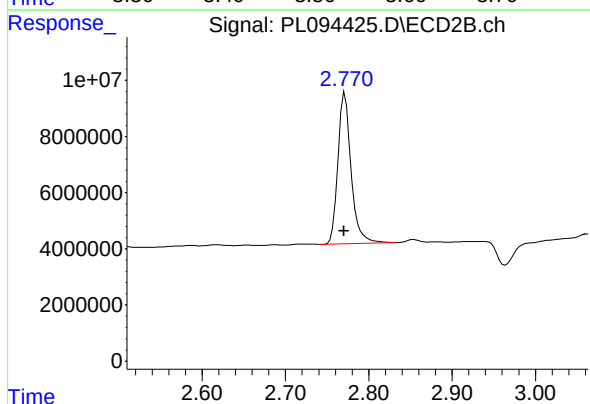
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 48719841
Conc: 19.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

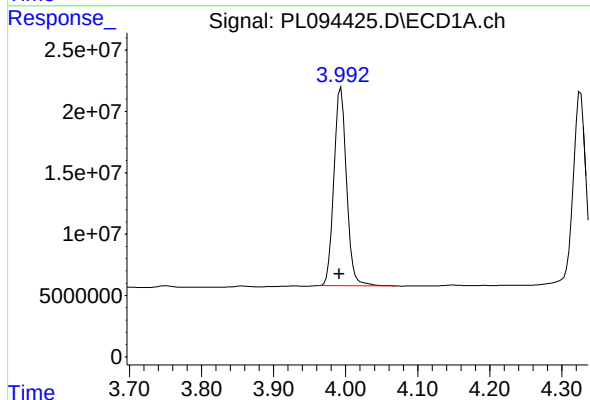
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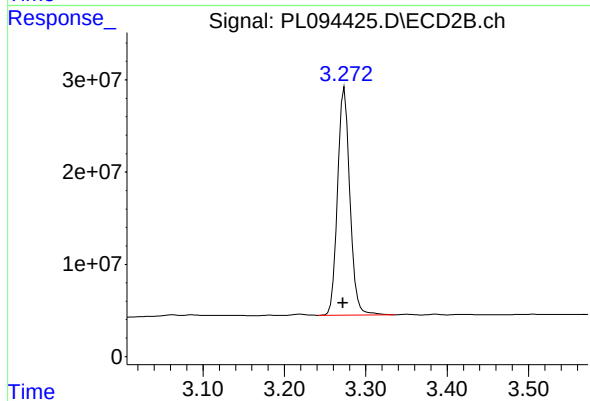
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.001 min
Response: 59101118
Conc: 18.52 ng/ml



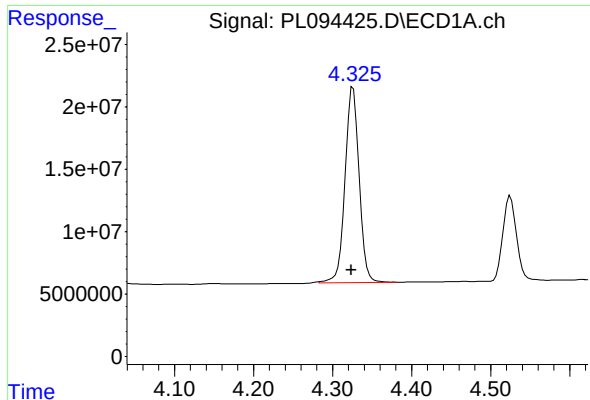
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 194771076
Conc: 51.49 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 259185087
Conc: 52.74 ng/ml



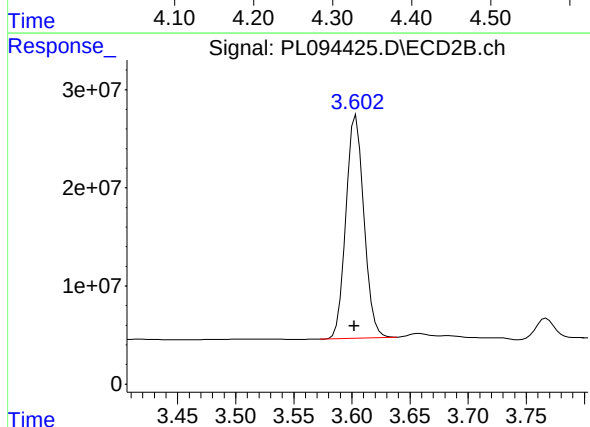
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 194438008
Conc: 52.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

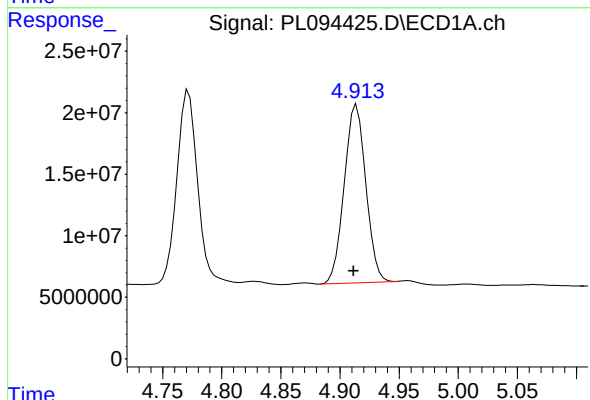
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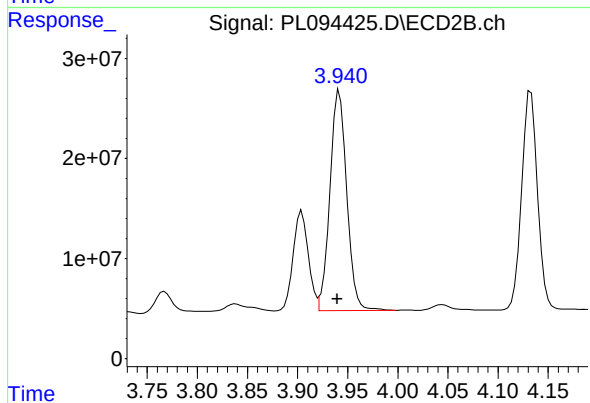
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 243646827
Conc: 51.73 ng/ml



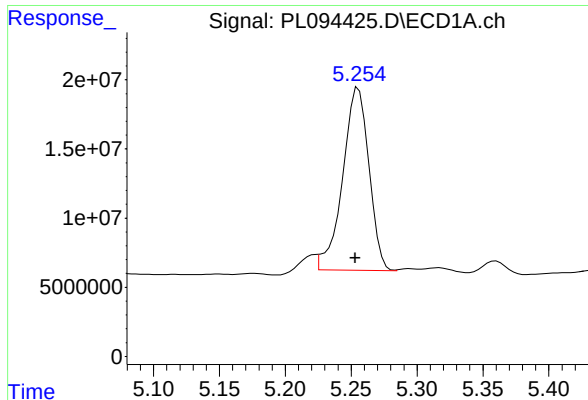
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 184049051
Conc: 54.29 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 258002749
Conc: 54.66 ng/ml



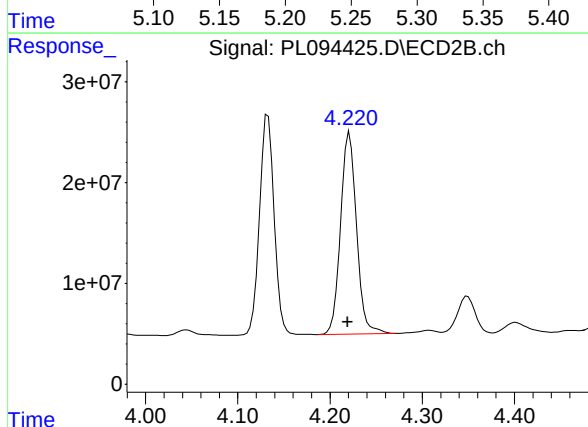
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.001 min
Response: 182179009
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

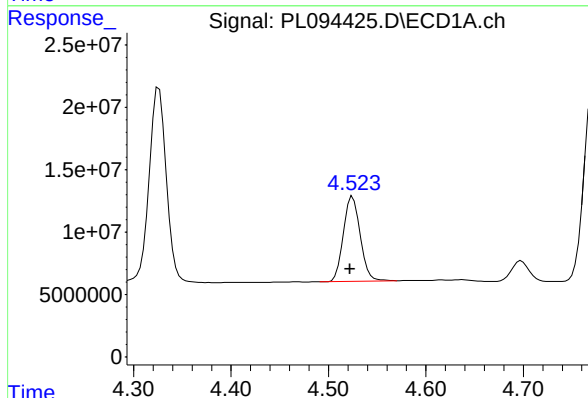
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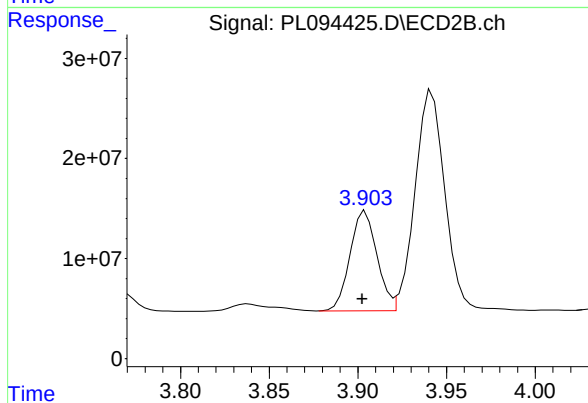
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 240116081
Conc: 51.97 ng/ml



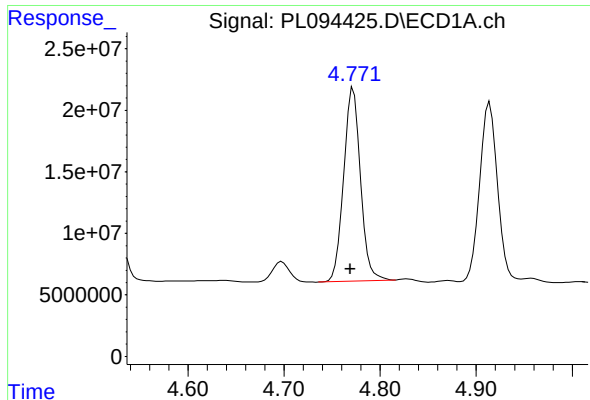
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 81788375
Conc: 51.22 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 106017361
Conc: 53.30 ng/ml



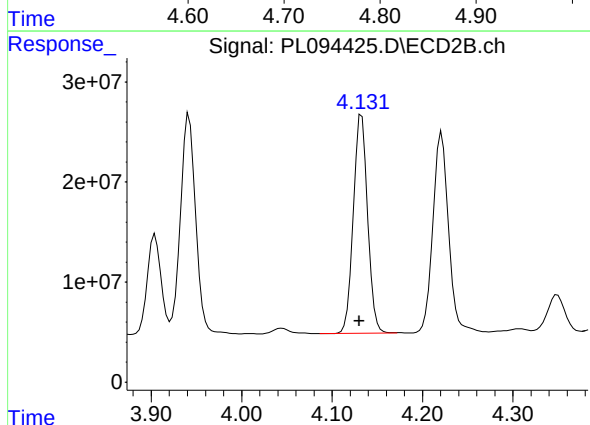
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.003 min
Response: 189924944
Conc: 53.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

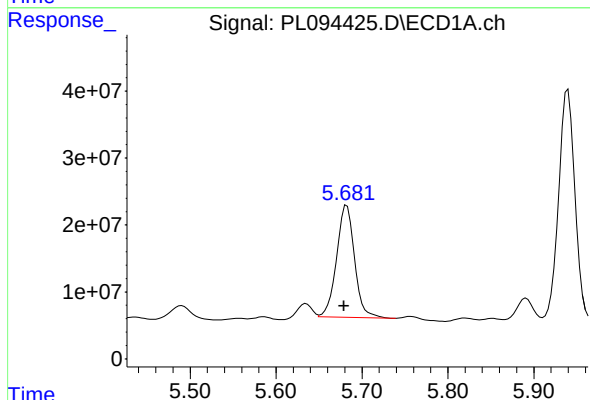
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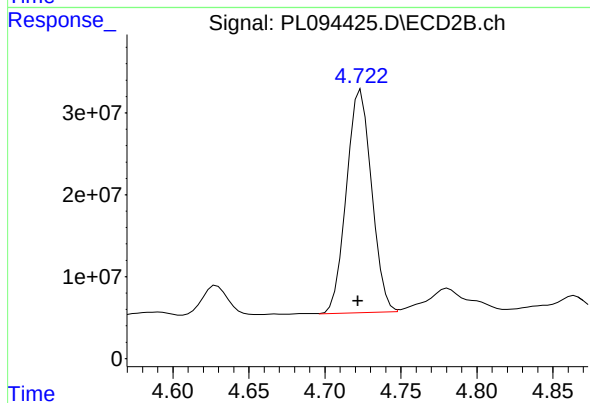
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.002 min
Response: 240669558
Conc: 50.82 ng/ml



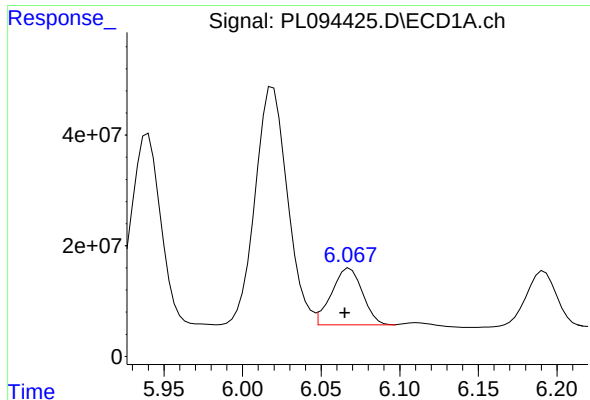
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 242175447
Conc: 80.37 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 314702443
Conc: 73.95 ng/ml m



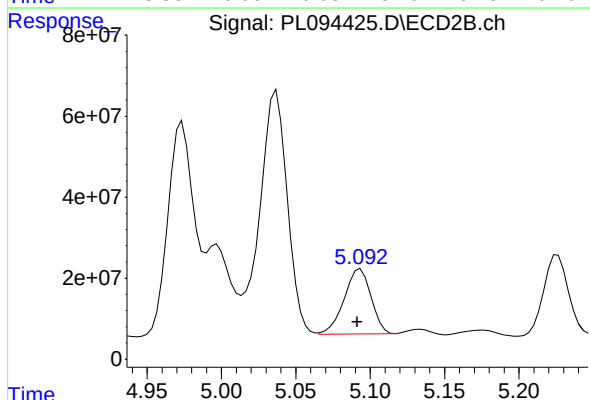
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 139539567
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

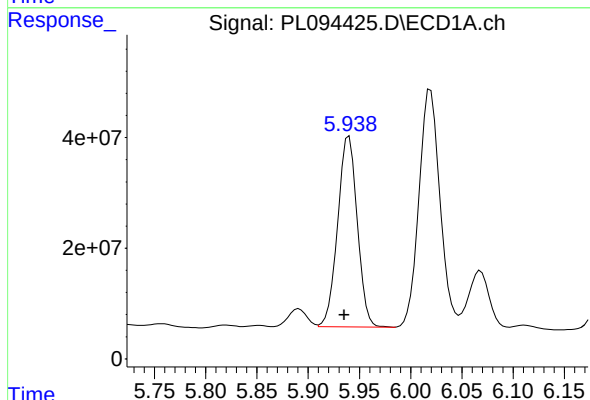
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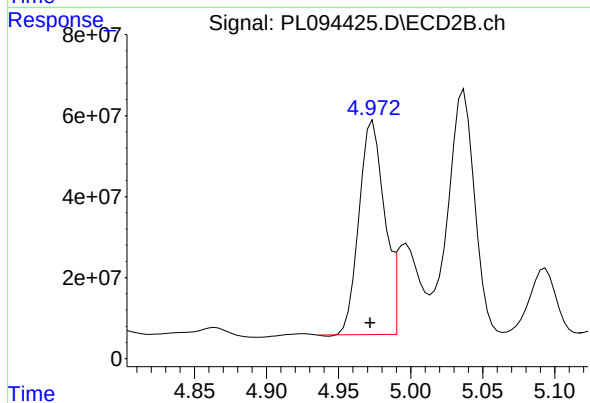
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.002 min
Response: 201582731
Conc: 50.57 ng/ml



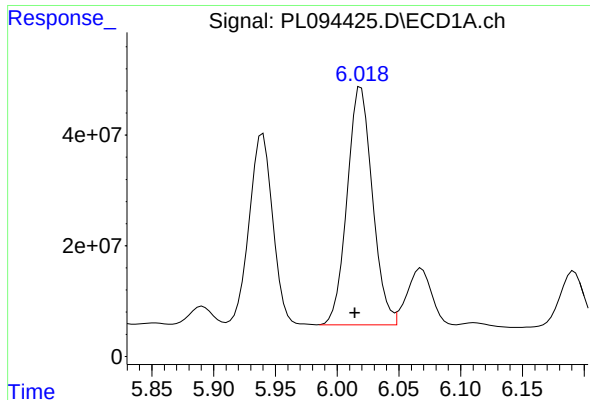
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.005 min
Response: 457317717
Conc: 155.75 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 648492083
Conc: 149.46 ng/ml



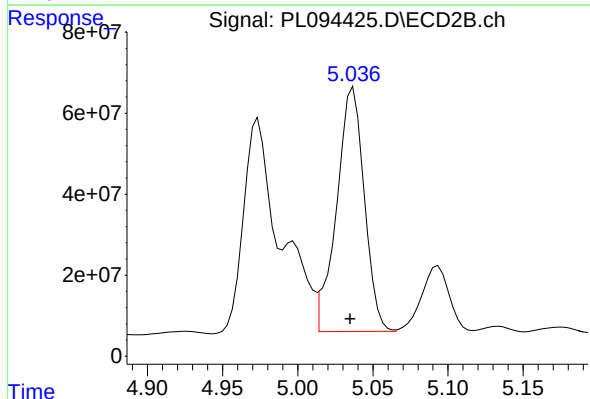
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.005 min
Response: 613330133
Conc: 211.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

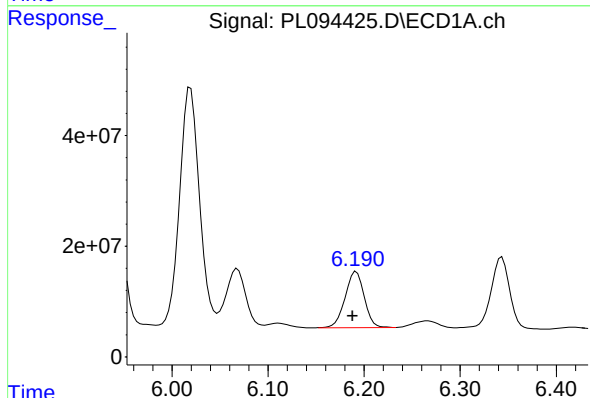
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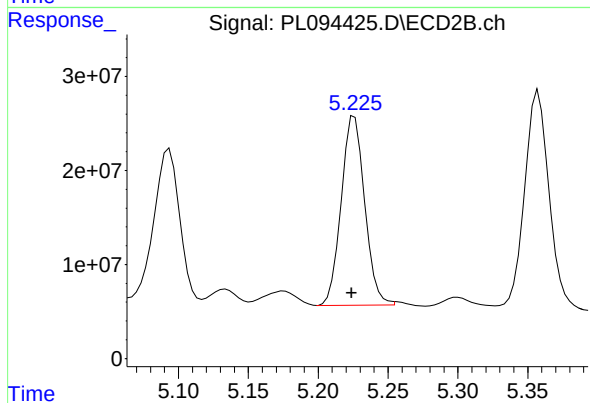
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 774222435
Conc: 179.32 ng/ml



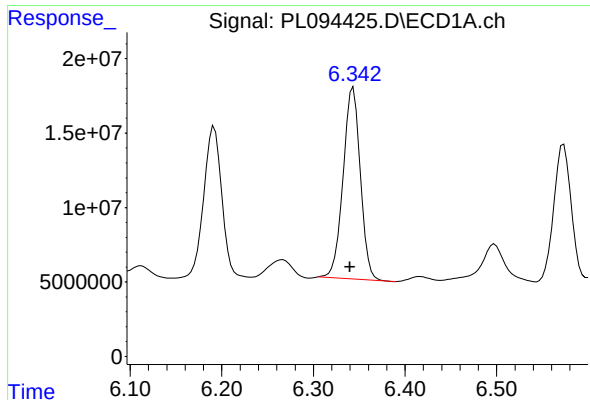
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.004 min
Response: 138785836
Conc: 53.14 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 235768265
Conc: 56.14 ng/ml m



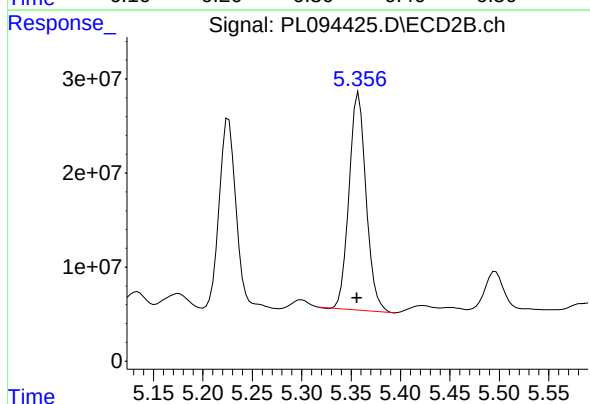
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 168379314
Conc: 59.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

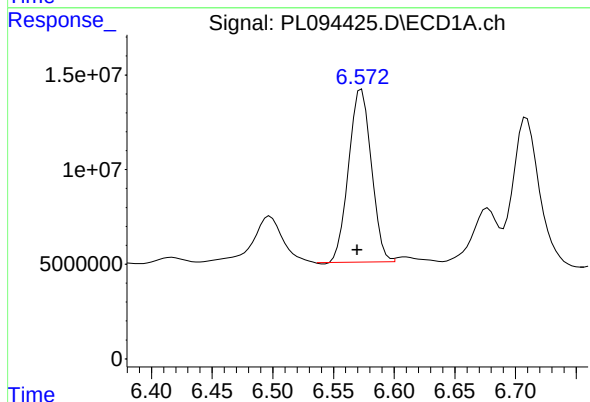
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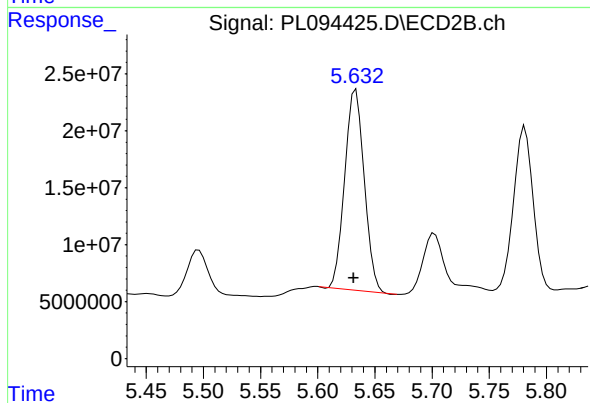
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.002 min
Response: 277161607
Conc: 63.25 ng/ml



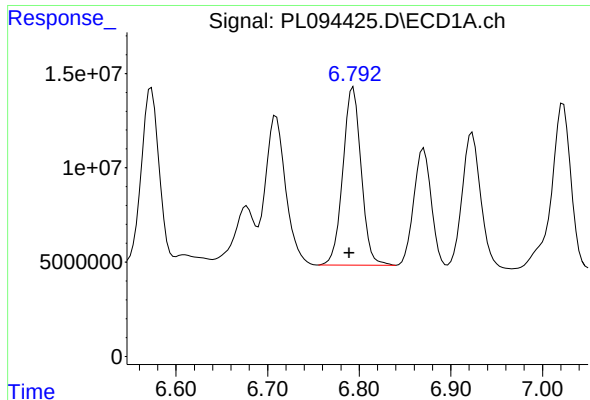
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.004 min
Response: 118999925
Conc: 46.62 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 210527460
Conc: 61.83 ng/ml



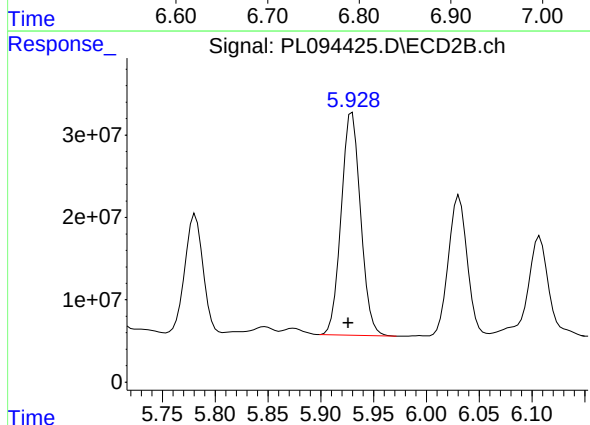
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.004 min
Response: 129094163
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

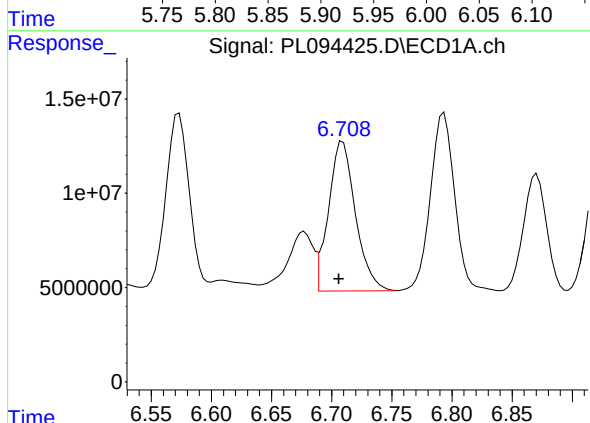
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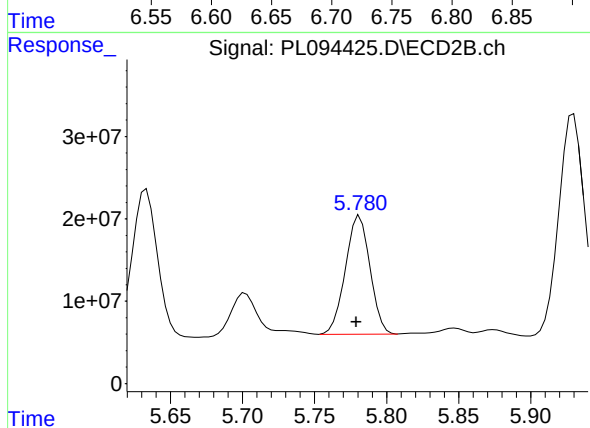
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: 0.004 min
Response: 344822497
Conc: 92.21 ng/ml



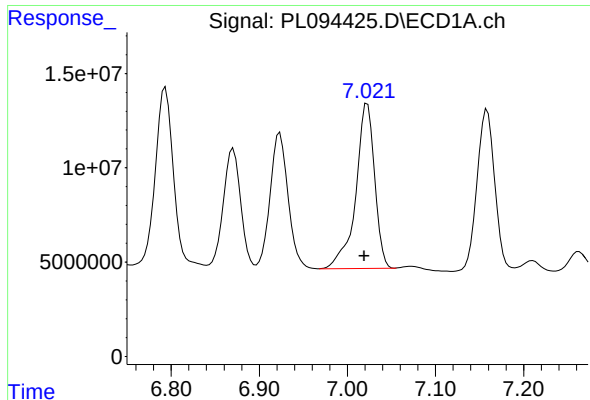
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 122098106
Conc: 66.01 ng/ml m



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 169929849
Conc: 53.35 ng/ml m



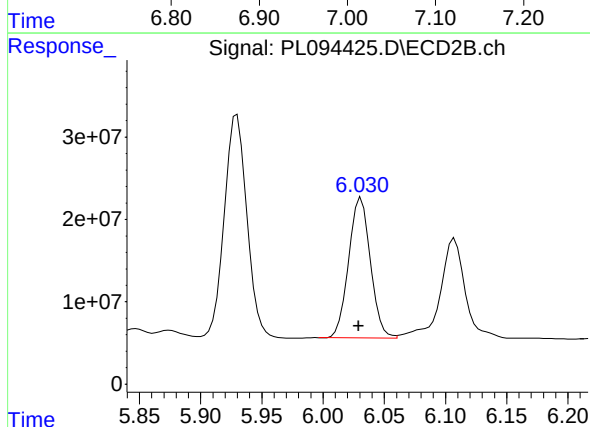
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 129881146
Conc: 61.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

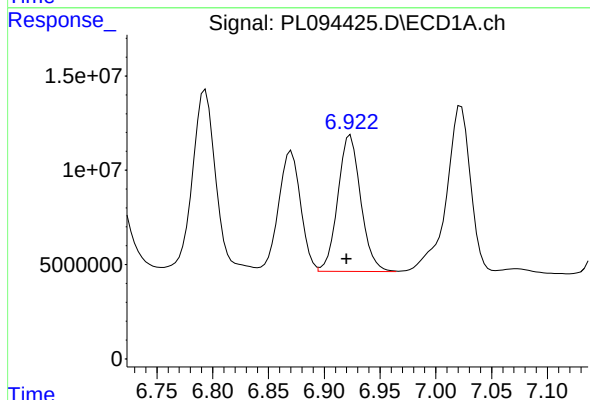
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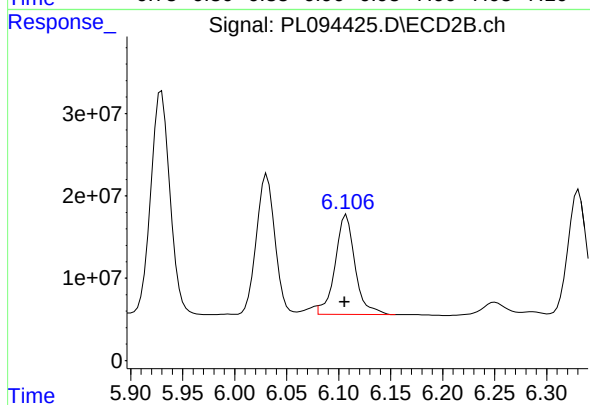
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 210251395
Conc: 59.11 ng/ml



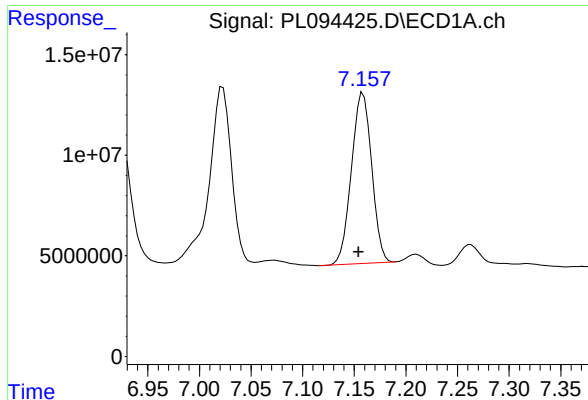
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 103385958
Conc: 53.11 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 160721646
Conc: 50.85 ng/ml m



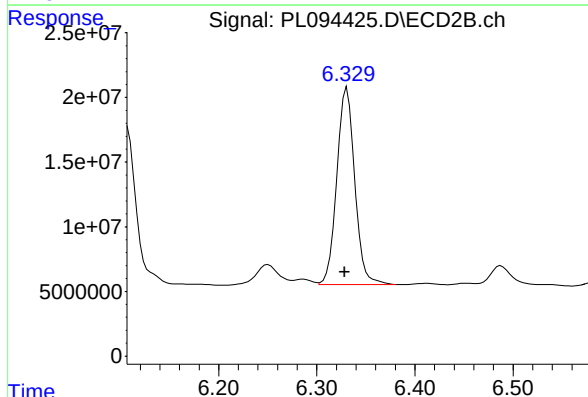
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.004 min
Response: 115822282
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

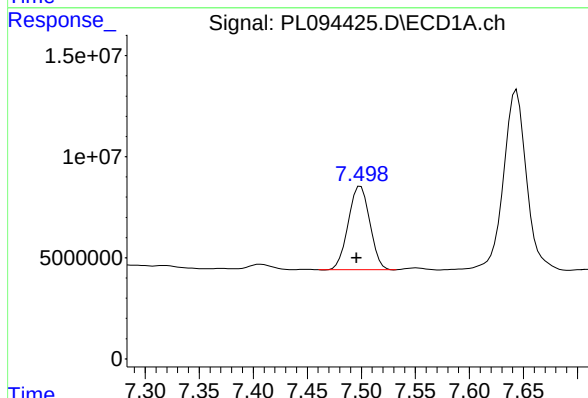
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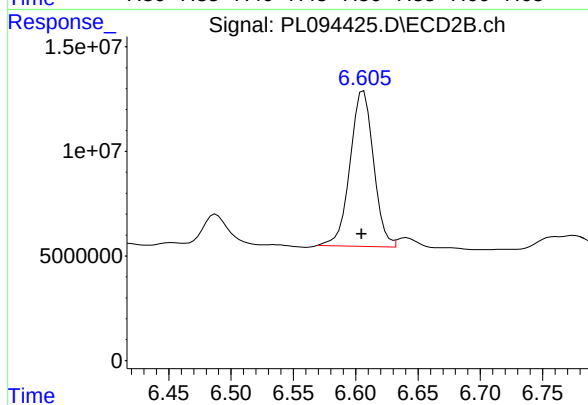
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.002 min
Response: 193616159
Conc: 52.42 ng/ml



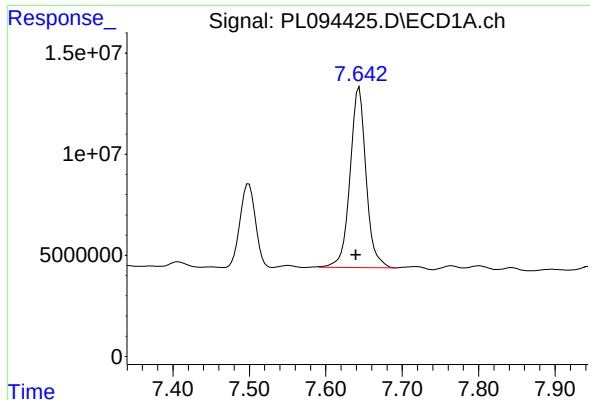
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 57440686
Conc: 51.70 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 97275437
Conc: 49.86 ng/ml



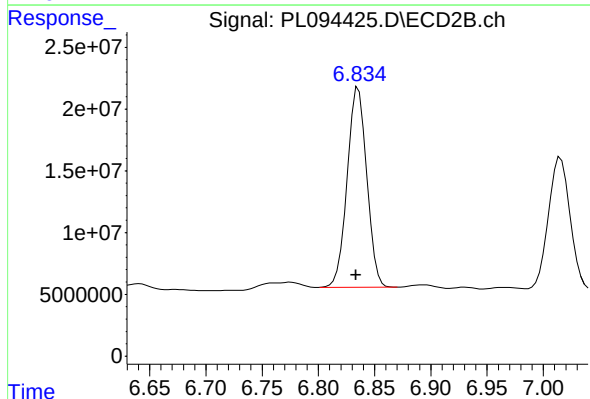
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.003 min
Response: 131470425
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

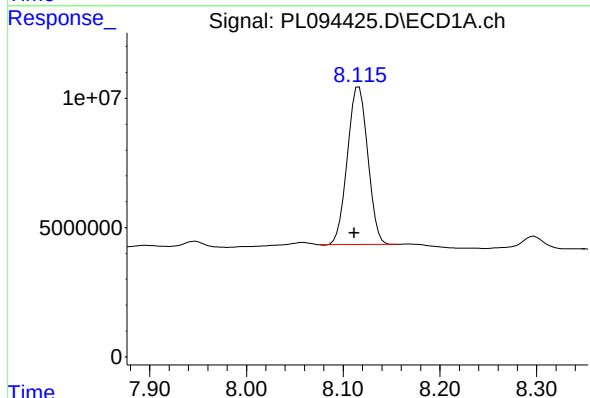
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Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



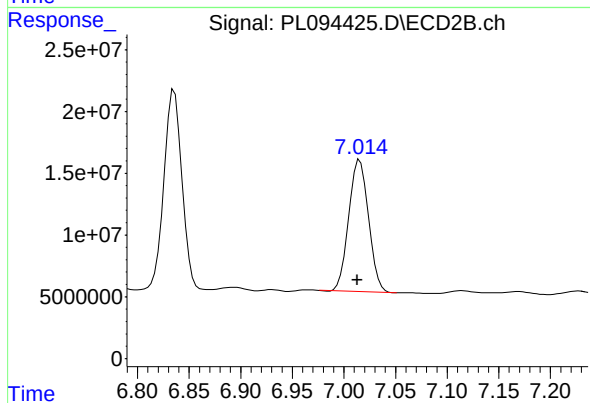
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 196214932
Conc: 45.98 ng/ml



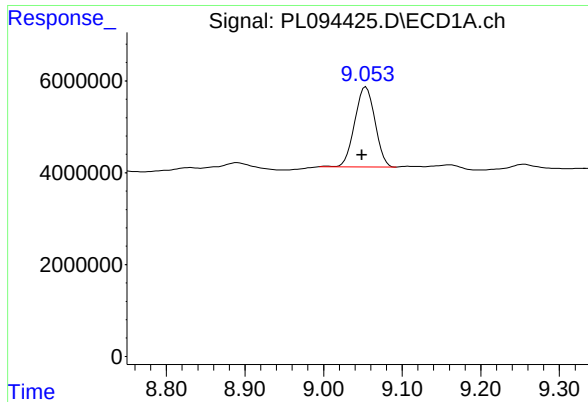
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.005 min
Response: 88931157
Conc: 43.10 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.003 min
Response: 142426240
Conc: 40.84 ng/ml



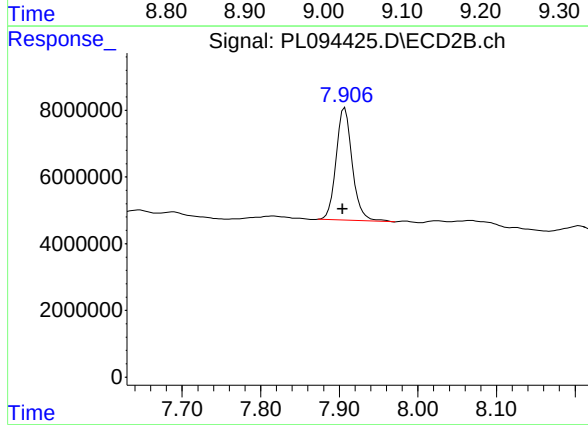
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.005 min
Response: 31324924
Conc: 14.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 48144569
Conc: 12.52 ng/ml