

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022825\
 Data File : PL094454.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 13:11
 Operator : AR\AJ
 Sample : PB166932BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166932BS

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 00:48:58 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...	3.538	2.772	51156507	62366338	20.147	19.543
28) SA Decachlor...	9.056	7.907	43778844	77283084	20.580	20.096
Target Compounds						
2) A alpha-BHC	3.995	3.274	178.6E6	238.0E6	47.213	48.431
3) MA gamma-BHC...	4.328	3.604	170.1E6	226.0E6	46.036	47.984
4) MA Heptachlor	4.915	3.942	165.2E6	232.6E6	48.721	49.268
5) MB Aldrin	5.257	4.221	159.8E6	219.1E6	46.567	47.415
6) B beta-BHC	4.526	3.904	76468943	98367048	47.886	49.457
7) B delta-BHC	4.773	4.133	163.5E6	221.7E6	46.221	46.805
8) B Heptachlo...	5.684	4.724	145.1E6	208.7E6	48.160	49.047
9) A Endosulfan I	6.069	5.094	132.4E6	199.5E6	48.184	50.031
10) B gamma-Chl...	5.939	4.974	142.0E6	217.5E6	48.369	50.121
11) B alpha-Chl...	6.018	5.037	141.9E6	214.0E6	48.972	49.561
12) B 4,4'-DDE	6.193	5.226	133.7E6	212.5E6	51.196	50.601
13) MA Dieldrin	6.344	5.358	139.2E6	217.7E6	48.847	49.691
14) MA Endrin	6.573	5.633	107.3E6	179.4E6	42.042m	52.682 #
15) B Endosulfa...	6.794	5.929	118.3E6	196.6E6	46.986	52.575
16) A 4,4'-DDD	6.710	5.781	104.3E6	176.9E6	56.407	55.534
17) MA 4,4'-DDT	7.024	6.032	104.4E6	179.0E6	49.730	50.320
18) B Endrin al...	6.925	6.108	93956562	156.9E6	48.262	49.651
19) B Endosulfa...	7.159	6.331	108.9E6	189.7E6	48.118	51.365
20) A Methoxychlor	7.501	6.607	51900974	94228313	46.714	48.297
21) B Endrin ke...	7.645	6.836	123.7E6	232.5E6	49.333	54.482
22) Mirex	8.117	7.016	90768746	166.1E6	43.992	47.621

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022825\
Data File : PL094454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 13:11
Operator : AR\AJ
Sample : PB166932BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

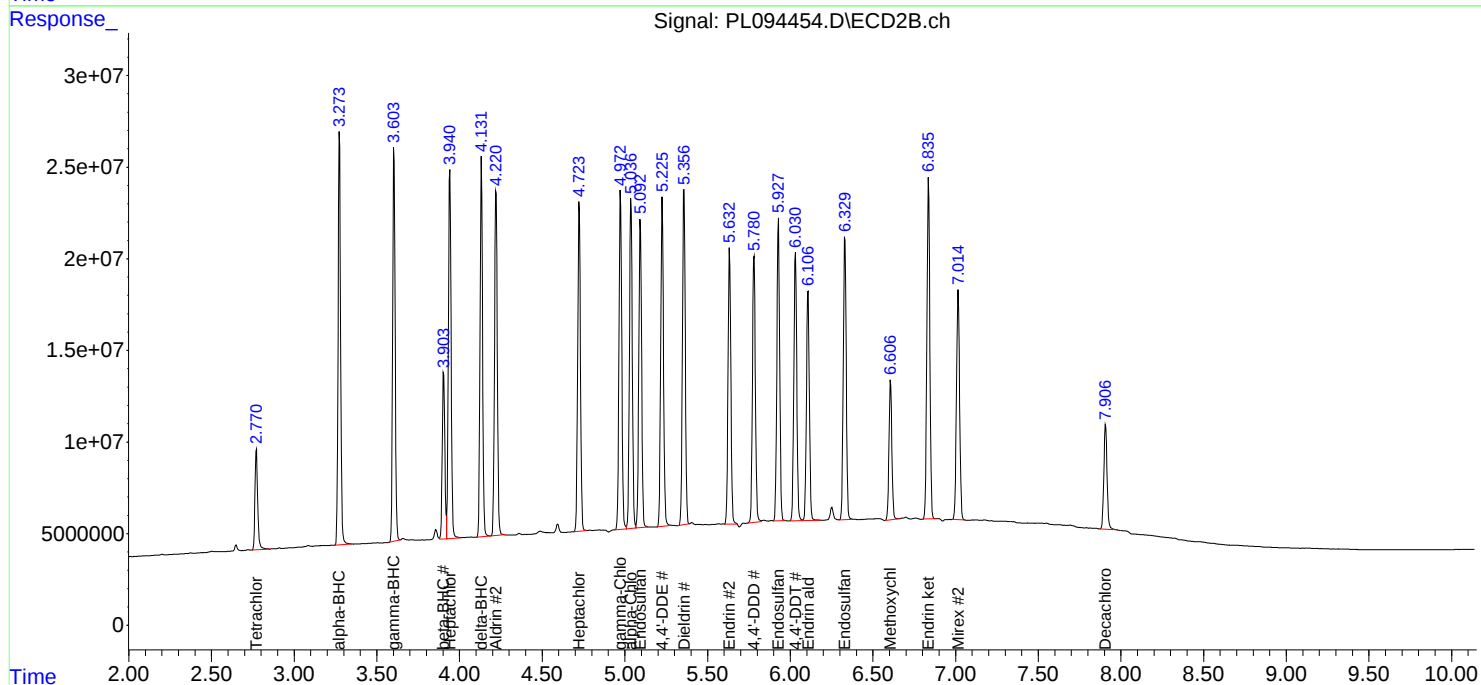
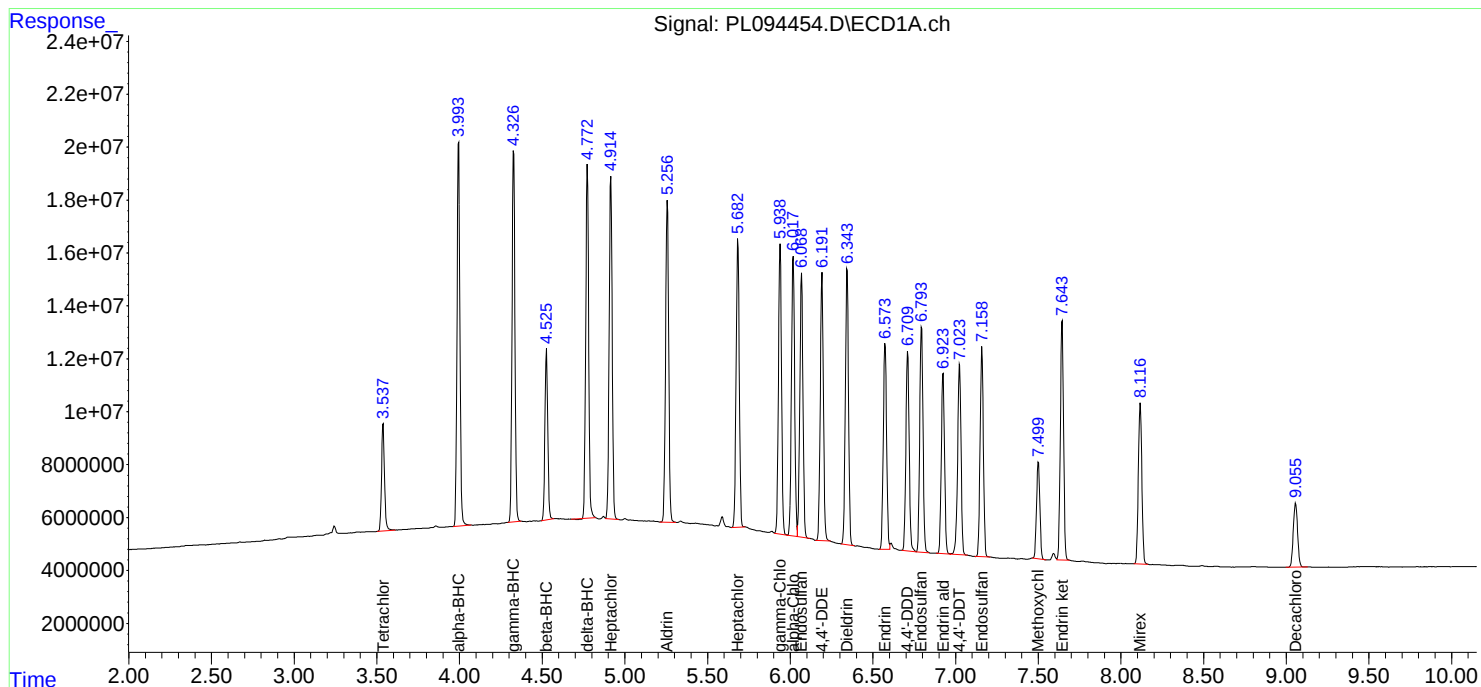
Instrument :
ECD_L
ClientSampleId :
PB166932BS

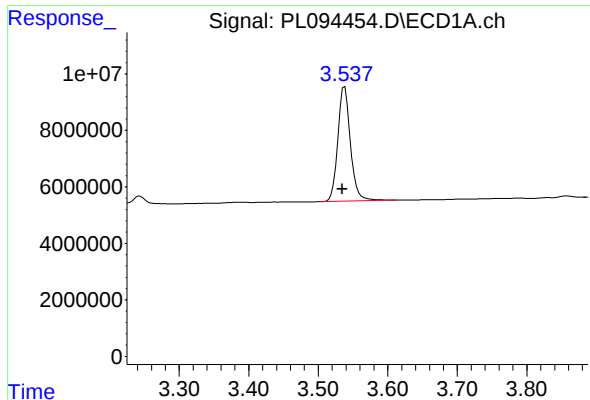
Manual Integrations
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Supervised By :mohammad ahmed 03/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 03 00:48:58 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





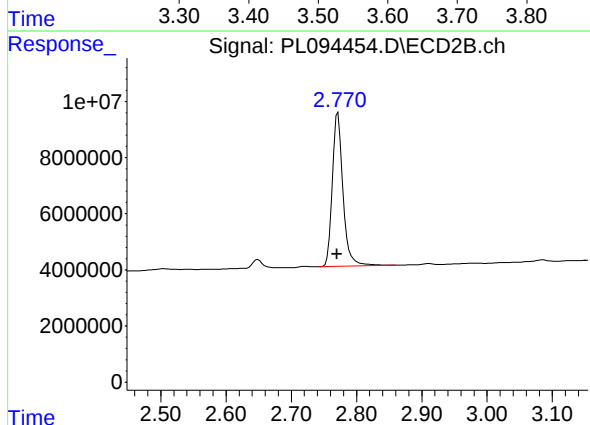
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 51156507
Conc: 20.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166932BS

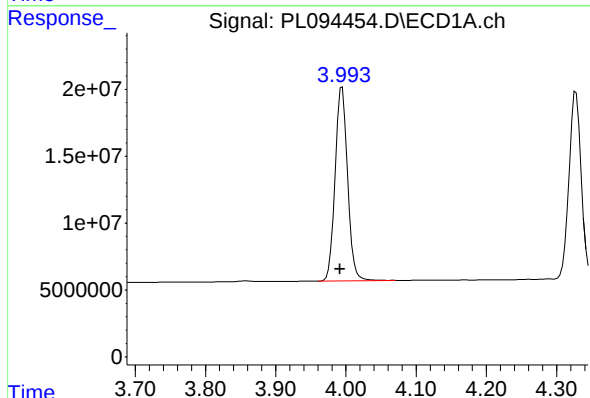
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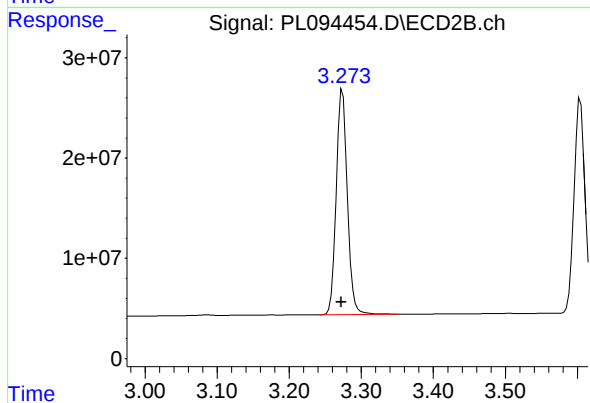
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.001 min
Response: 62366338
Conc: 19.54 ng/ml



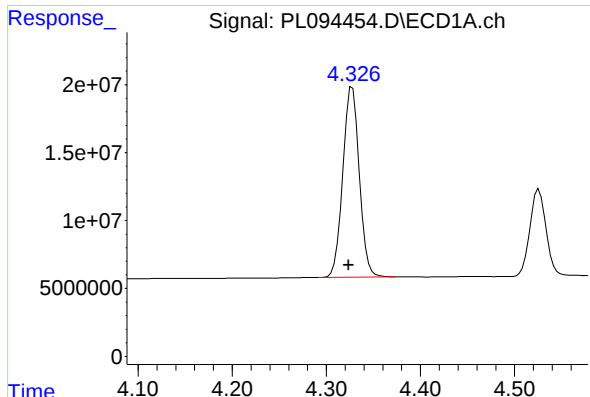
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.003 min
Response: 178591131
Conc: 47.21 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 238029449
Conc: 48.43 ng/ml



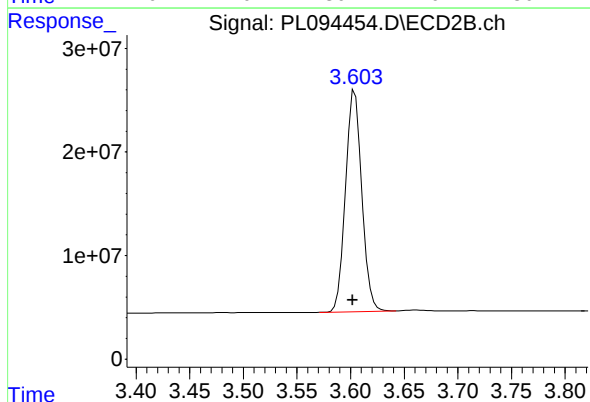
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.004 min
Response: 170090801
Conc: 46.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166932BS

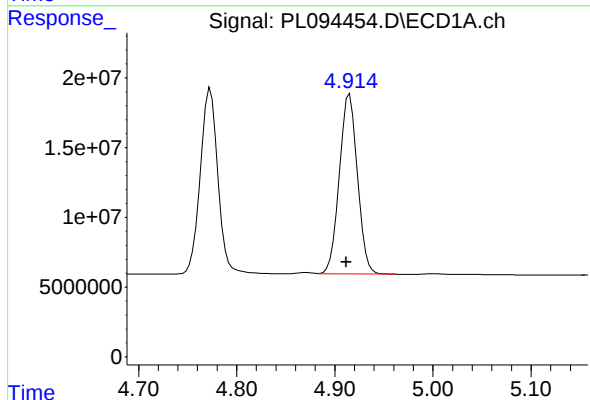
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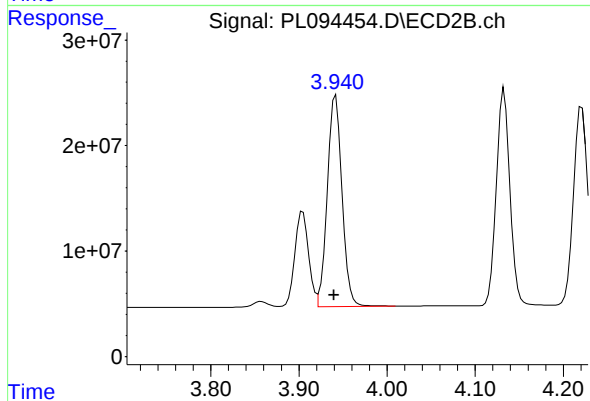
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 226003098
Conc: 47.98 ng/ml



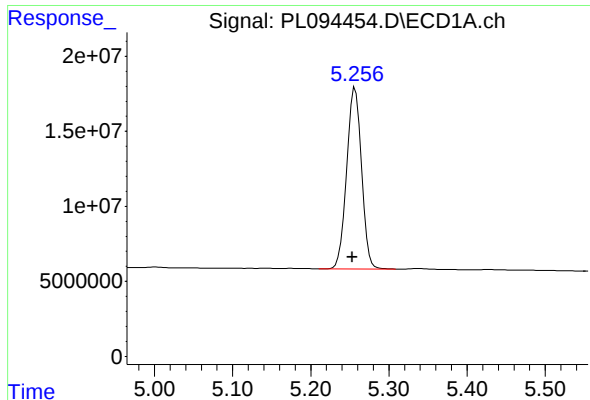
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.004 min
Response: 165182479
Conc: 48.72 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 232562222
Conc: 49.27 ng/ml



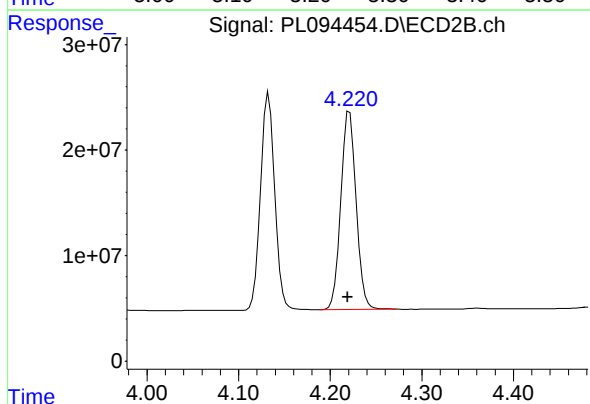
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.004 min
Response: 159806476
Conc: 46.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166932BS

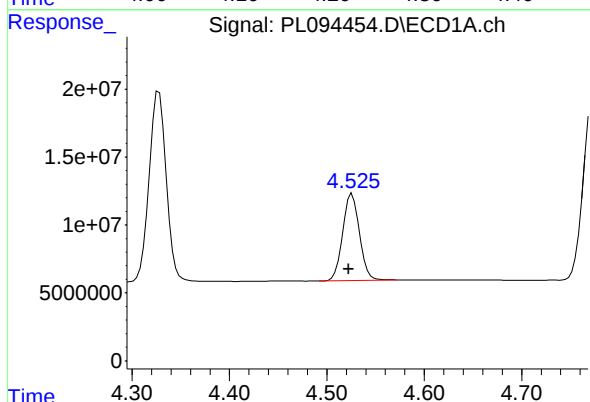
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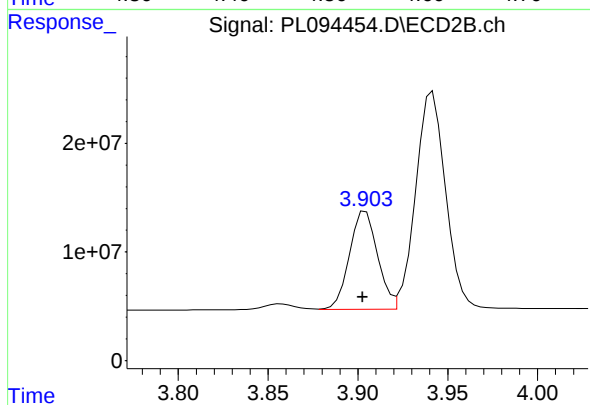
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 219073799
Conc: 47.41 ng/ml



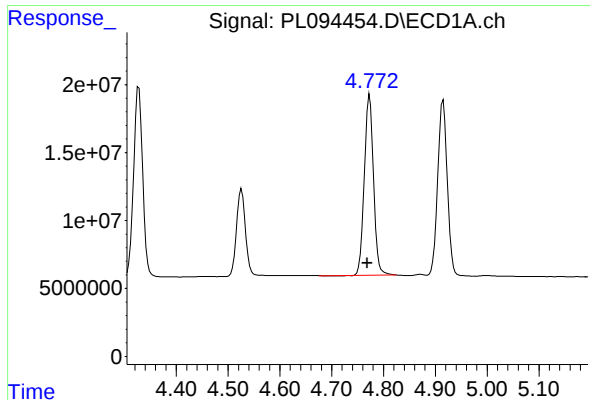
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.004 min
Response: 76468943
Conc: 47.89 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 98367048
Conc: 49.46 ng/ml



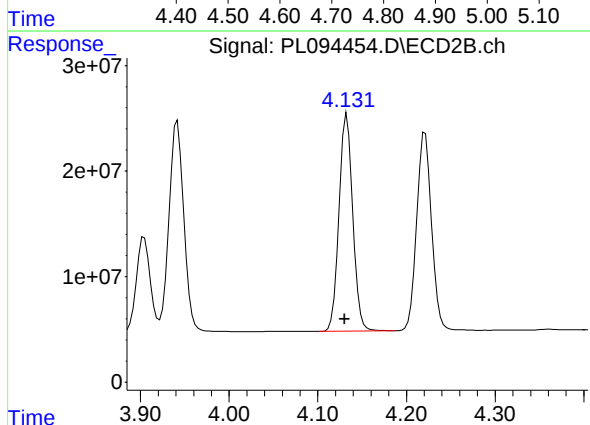
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.004 min
Response: 163542228
Conc: 46.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166932BS

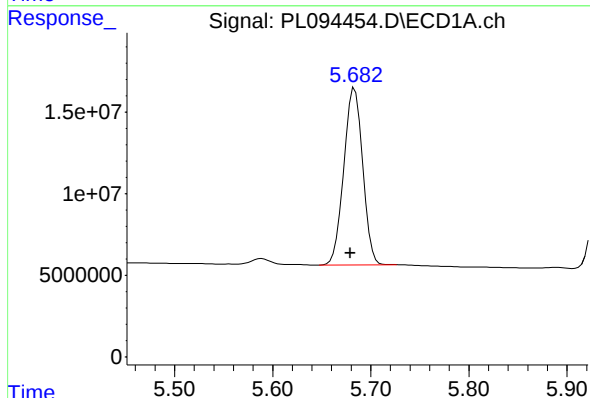
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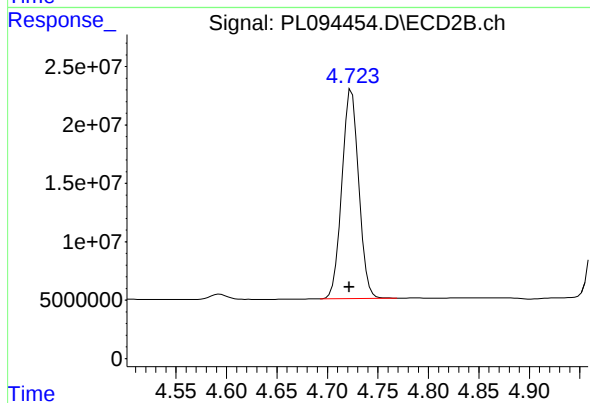
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.002 min
Response: 221652974
Conc: 46.80 ng/ml



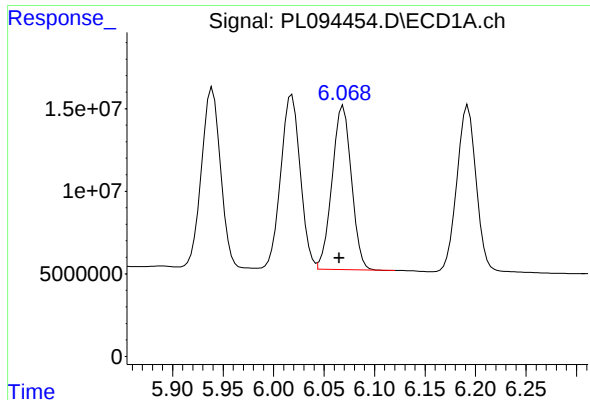
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.004 min
Response: 145123964
Conc: 48.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 208713708
Conc: 49.05 ng/ml



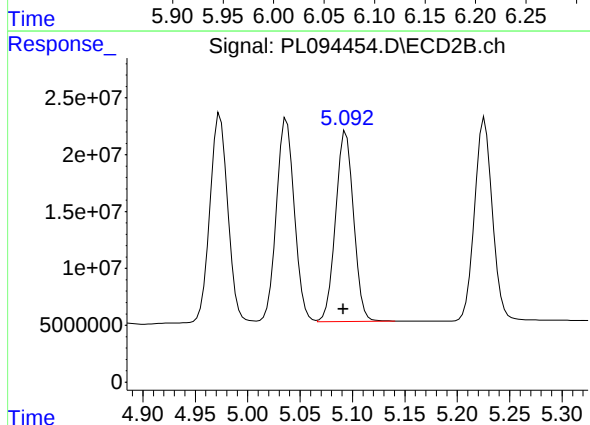
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.004 min
Response: 132438530
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166932BS

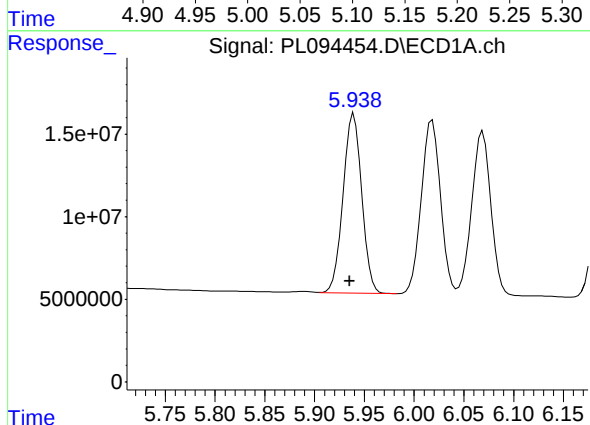
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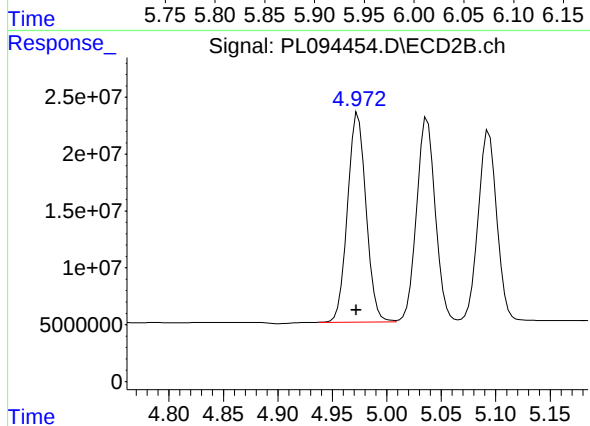
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 199452227
Conc: 50.03 ng/ml



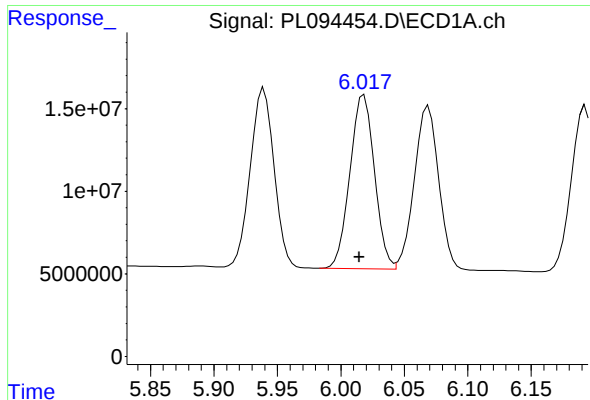
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.004 min
Response: 142017500
Conc: 48.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 217465031
Conc: 50.12 ng/ml



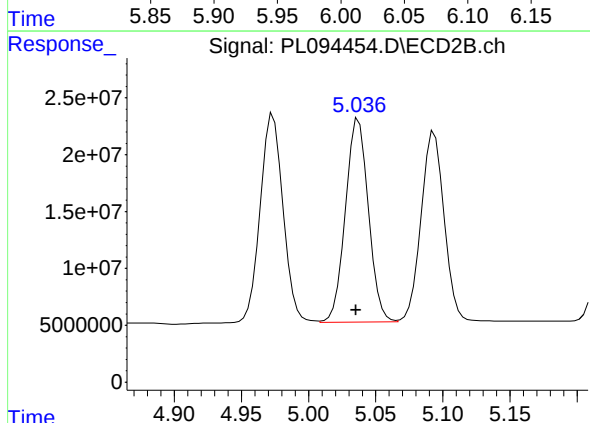
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.004 min
Response: 141877238
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166932BS

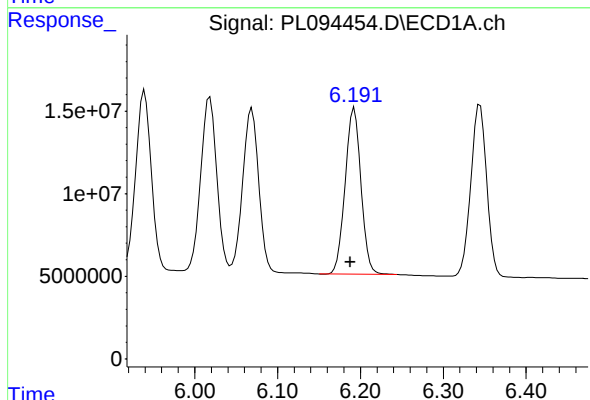
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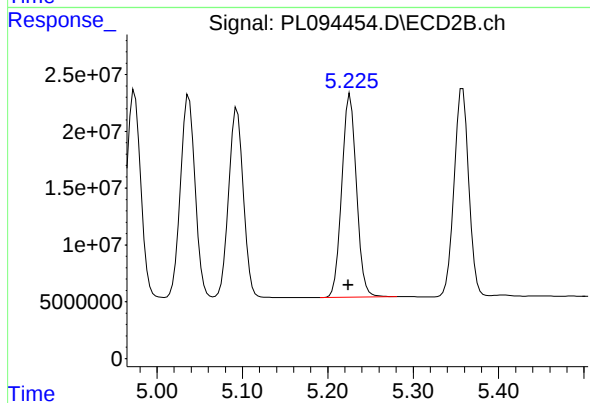
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 213983898
Conc: 49.56 ng/ml



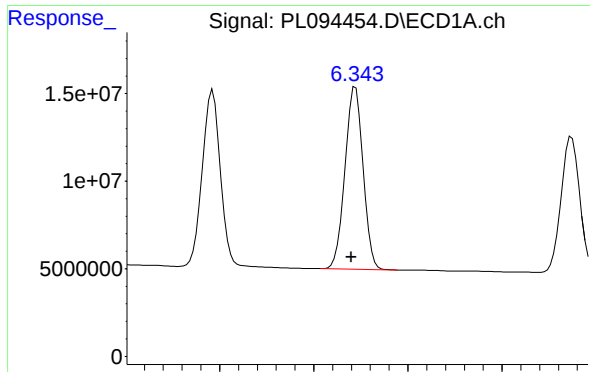
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.004 min
Response: 133710350
Conc: 51.20 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 212525772
Conc: 50.60 ng/ml



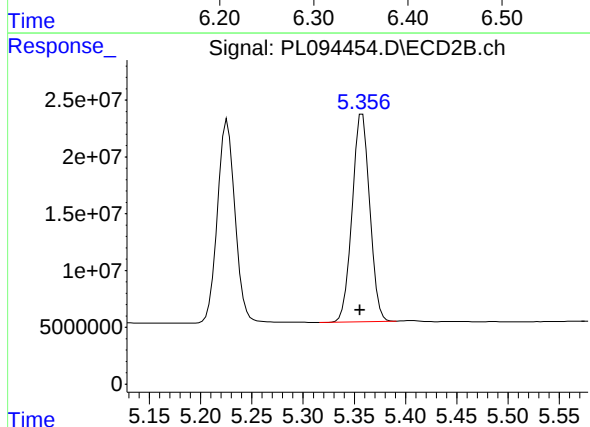
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.004 min
Response: 139166812
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166932BS

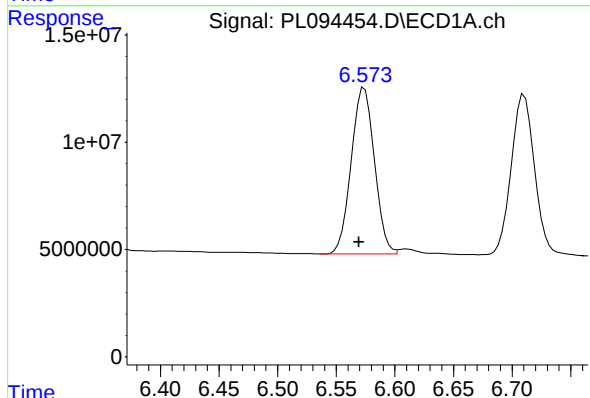
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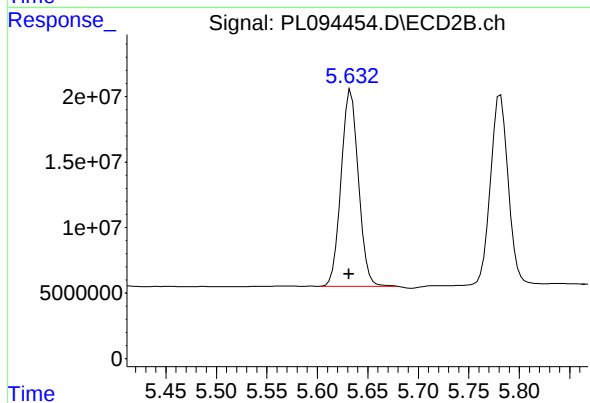
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.002 min
Response: 217735163
Conc: 49.69 ng/ml



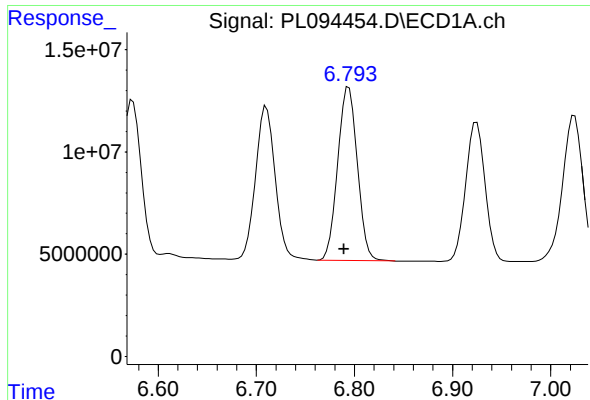
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.003 min
Response: 107303427
Conc: 42.04 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 179367622
Conc: 52.68 ng/ml



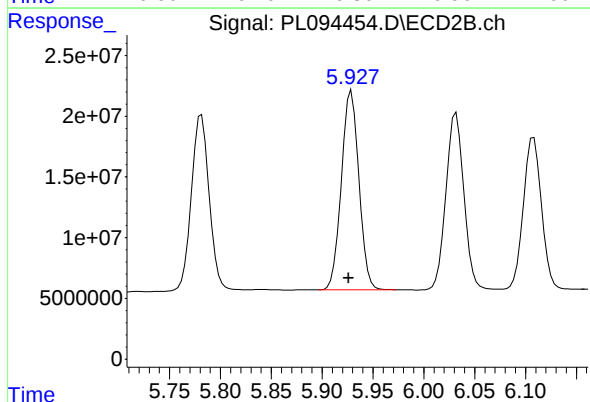
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.005 min
Response: 118274891
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166932BS

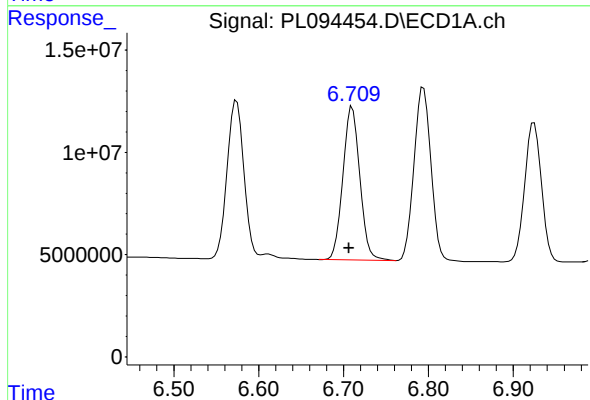
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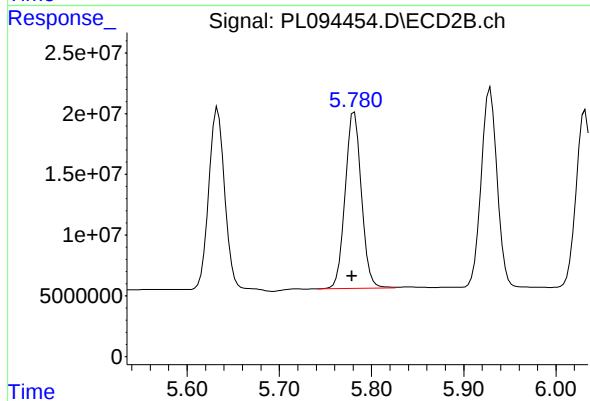
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.003 min
Response: 196606958
Conc: 52.58 ng/ml



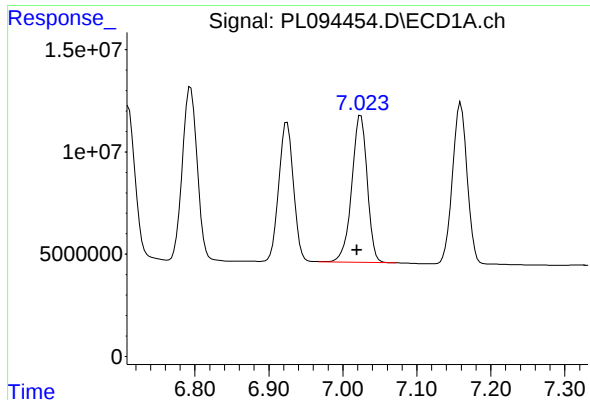
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.004 min
Response: 104338995
Conc: 56.41 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.003 min
Response: 176894671
Conc: 55.53 ng/ml



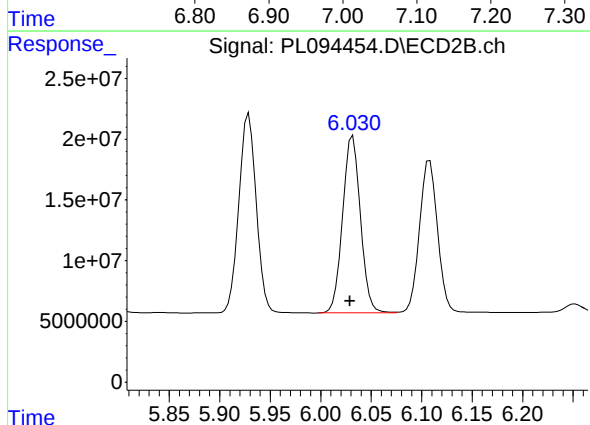
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.005 min
Response: 104435387
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166932BS

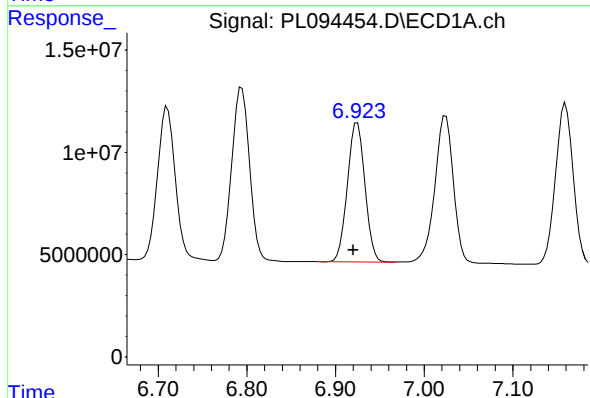
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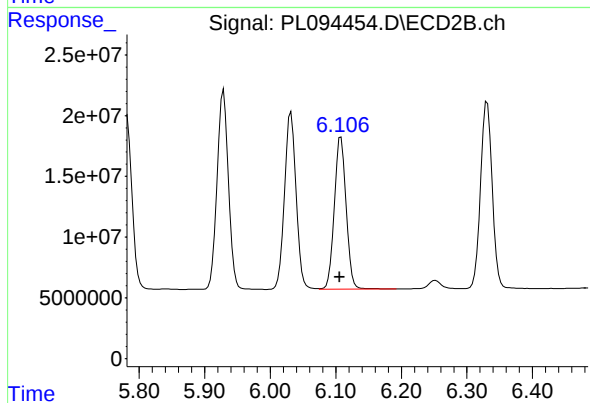
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 178989223
Conc: 50.32 ng/ml



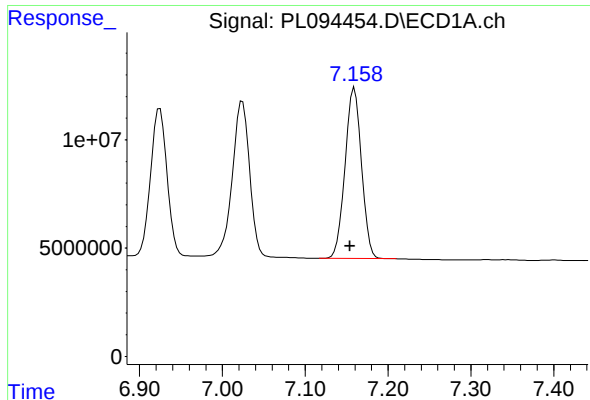
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.005 min
Response: 93956562
Conc: 48.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 156918622
Conc: 49.65 ng/ml



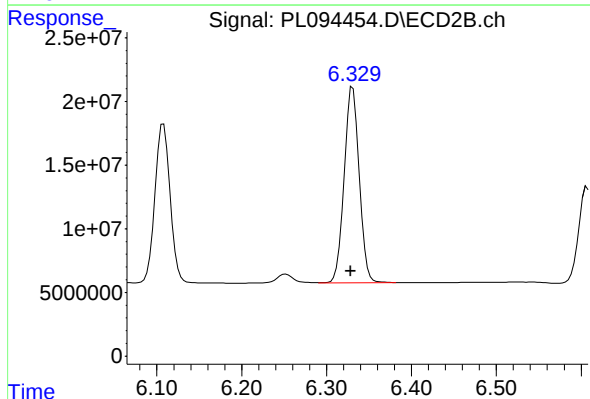
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.005 min
Response: 108932310
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166932BS

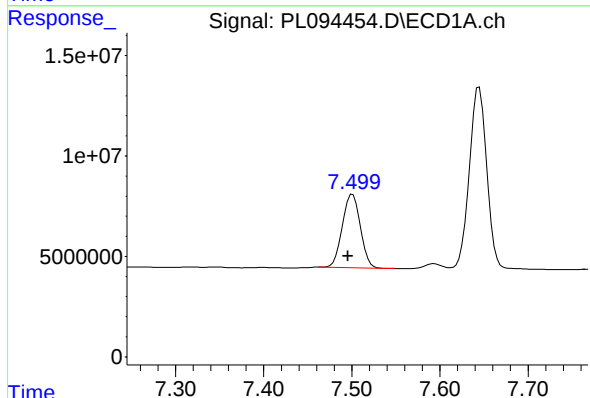
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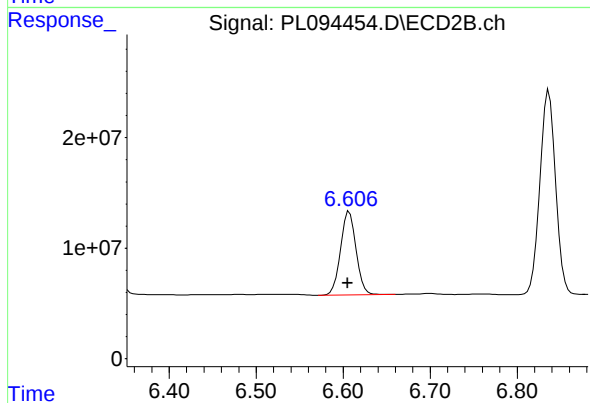
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.003 min
Response: 189725818
Conc: 51.37 ng/ml



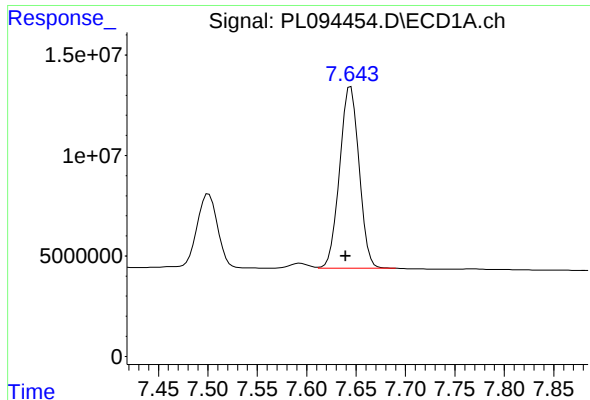
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.005 min
Response: 51900974
Conc: 46.71 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.002 min
Response: 94228313
Conc: 48.30 ng/ml



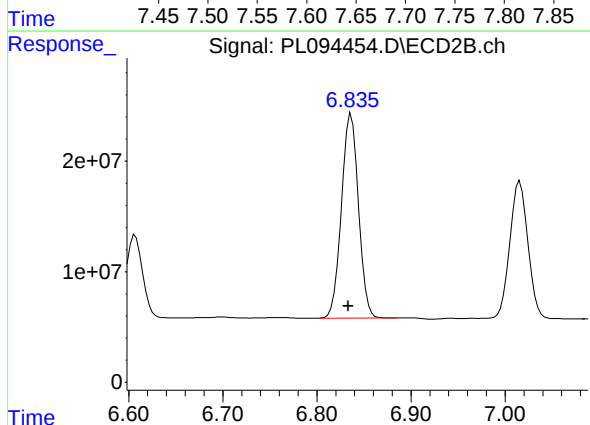
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.005 min
Response: 123673249
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166932BS

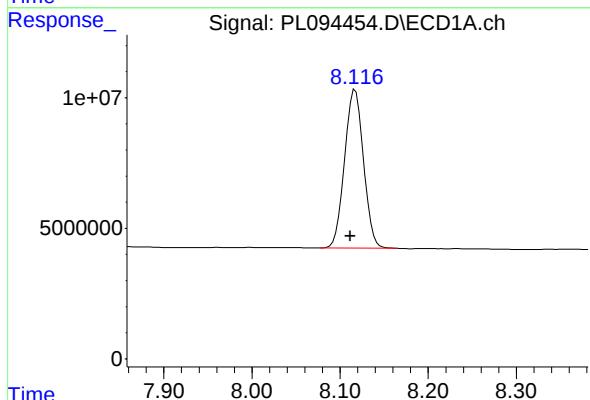
Manual Integrations
APPROVED

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



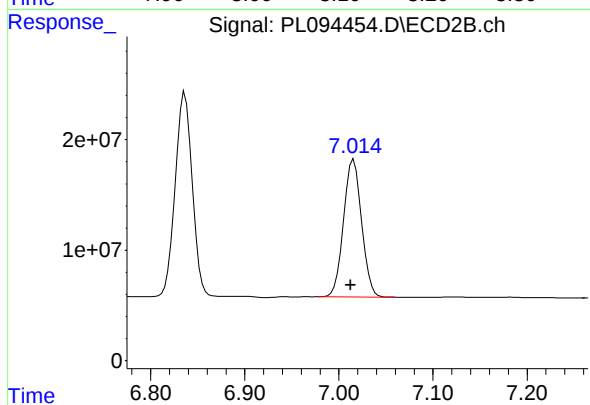
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.003 min
Response: 232501171
Conc: 54.48 ng/ml



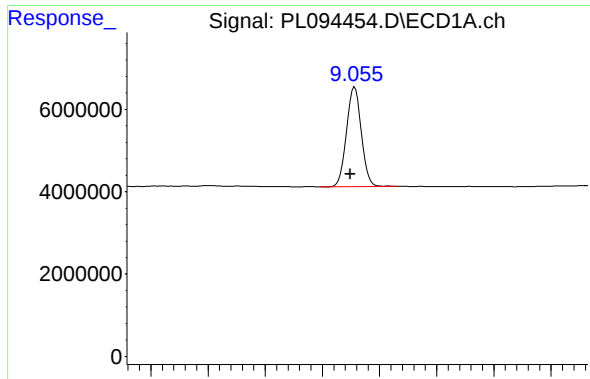
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.006 min
Response: 90768746
Conc: 43.99 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: 0.003 min
Response: 166054798
Conc: 47.62 ng/ml



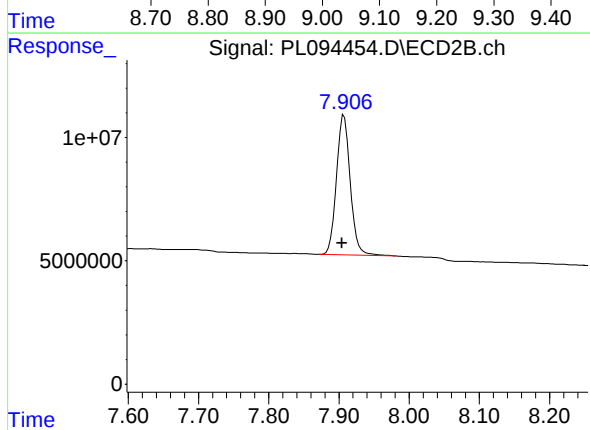
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.008 min
Response: 43778844
Conc: 20.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166932BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 77283084
Conc: 20.10 ng/ml