

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021125\
 Data File : PL094135.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2025 10:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/12/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 00:28:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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	2.773	133.7E6	170.0E6	49.652	52.077
28)	SA Decachlor...	9.052	7.907	94859742	171.0E6	45.346	48.790
Target Compounds							
2)	A alpha-BHC	3.994	3.276	190.3E6	257.8E6	49.639	52.723
3)	MA gamma-BHC...	4.327	3.606	182.7E6	248.5E6	49.598	52.408
4)	MA Heptachlor	4.913	3.944	167.4E6	240.1E6	51.088m	51.573
5)	MB Aldrin	5.256	4.223	163.5E6	237.2E6	49.977	51.990
6)	B beta-BHC	4.525	3.906	79182619	103.3E6	49.264	51.740
7)	B delta-BHC	4.772	4.134	174.2E6	245.2E6	49.709	51.598
8)	B Heptachlo...	5.683	4.726	143.8E6	214.8E6	48.368	51.380
9)	A Endosulfan I	6.068	5.095	126.7E6	195.9E6	47.943	50.532
10)	B gamma-Chl...	5.938	4.975	135.2E6	220.3E6	48.493	51.975
11)	B alpha-Chl...	6.018	5.039	135.2E6	215.5E6	48.485	51.484
12)	B 4,4'-DDE	6.192	5.228	125.5E6	213.3E6	51.554	53.193
13)	MA Dieldrin	6.344	5.359	132.0E6	218.5E6	47.560	50.873
14)	MA Endrin	6.573	5.635	112.5E6	189.3E6	47.972	51.269
15)	B Endosulfa...	6.793	5.930	112.0E6	188.6E6	46.483	50.913
16)	A 4,4'-DDD	6.709	5.783	99742128	173.3E6	52.480	54.905
17)	MA 4,4'-DDT	7.022	6.032	99227836	173.3E6	50.317	53.246
18)	B Endrin al...	6.923	6.109	91379922	151.3E6	47.005	49.709
19)	B Endosulfa...	7.157	6.332	104.5E6	180.4E6	46.182	50.579
20)	A Methoxychlor	7.499	6.608	54178408	93068315	51.925	52.048
21)	B Endrin ke...	7.642	6.837	117.2E6	212.0E6	46.471	50.525
22)	Mirex	8.115	7.016	94999205	169.7E6	45.618	50.186

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021125\
Data File : PL094135.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2025 10:25
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

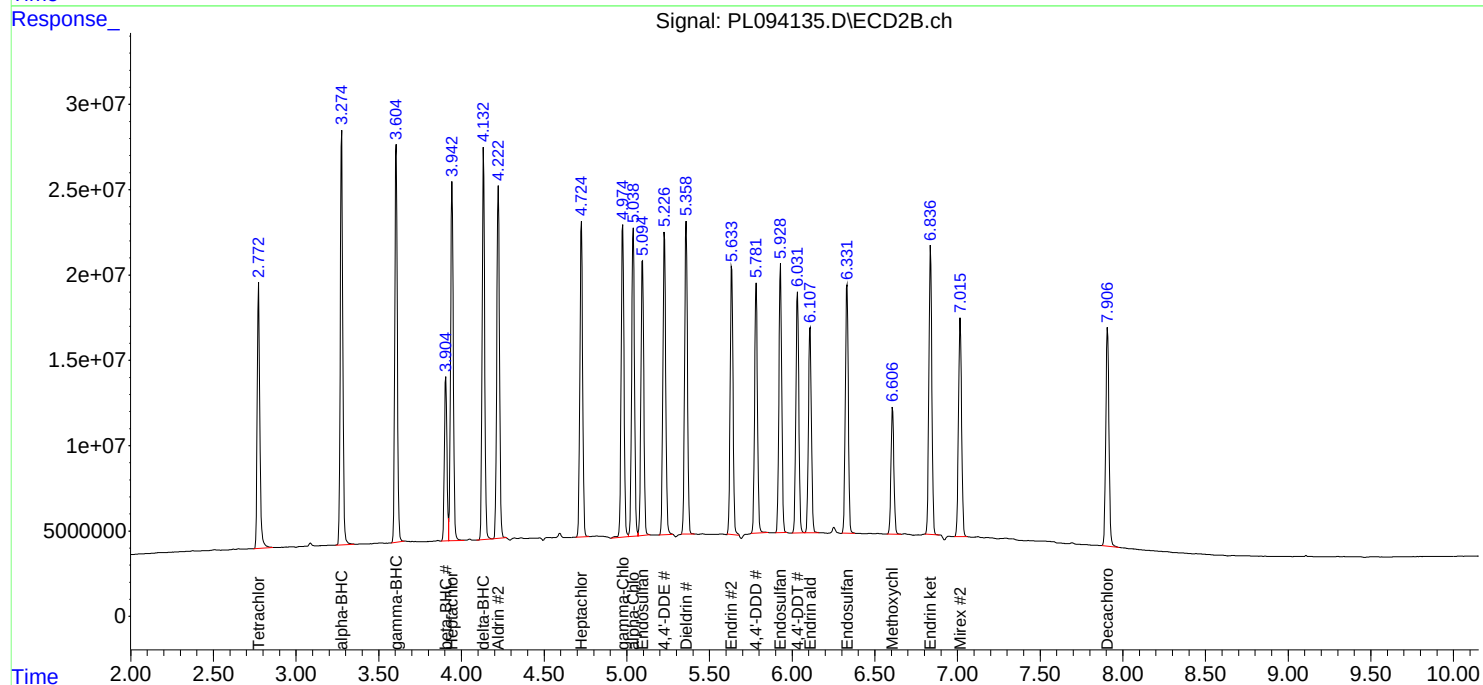
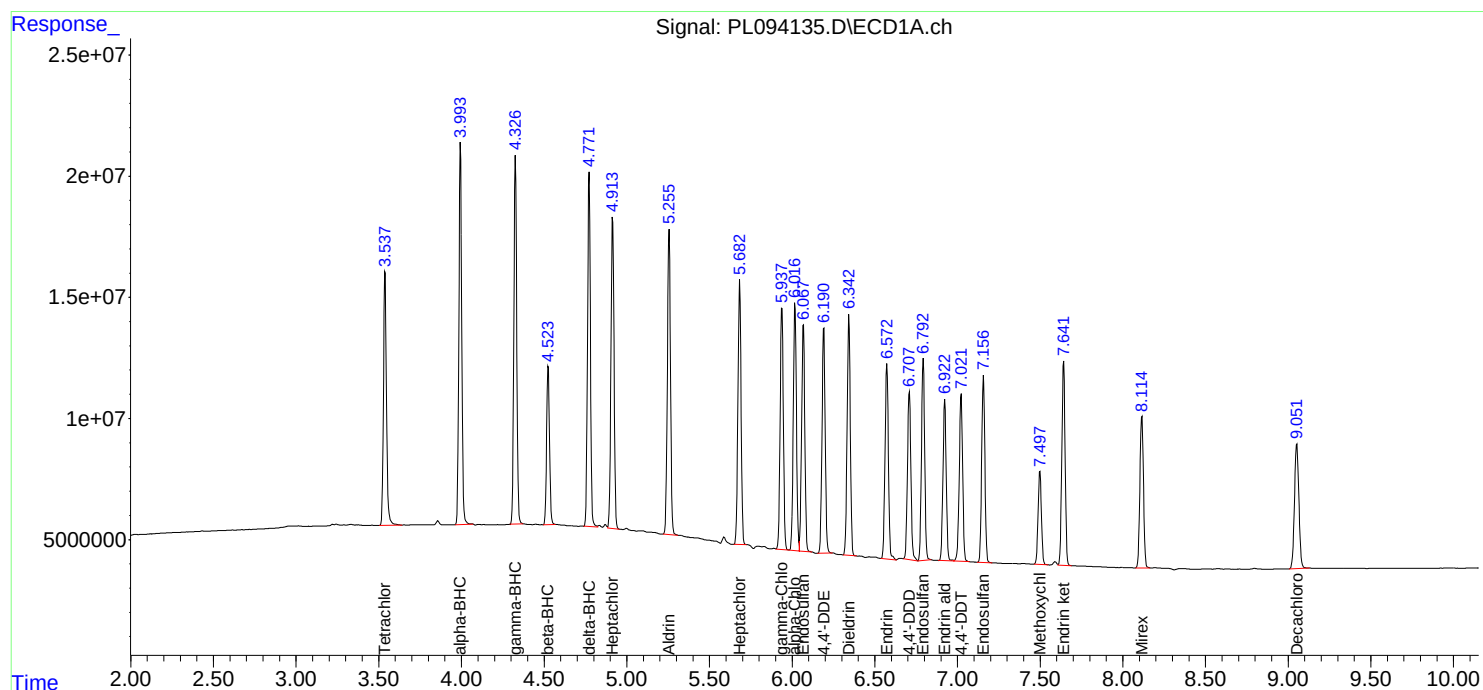
APPROVED

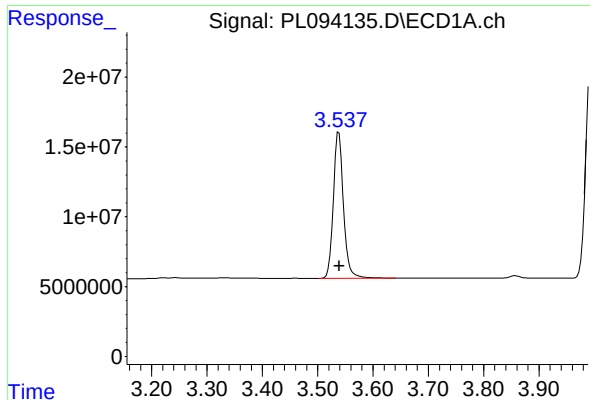
Reviewed By :Abdul Mirza 02/12/2025

Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 00:28:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





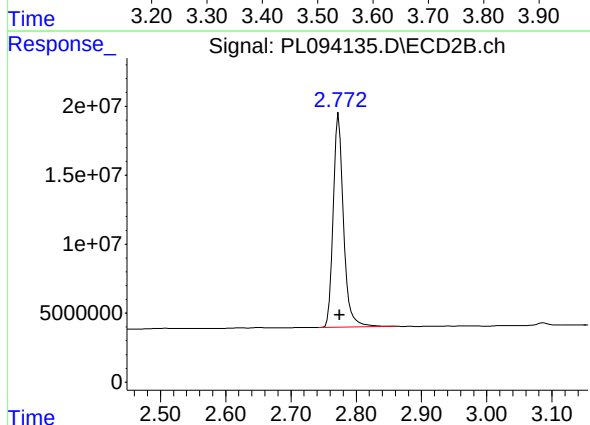
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 133700139
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

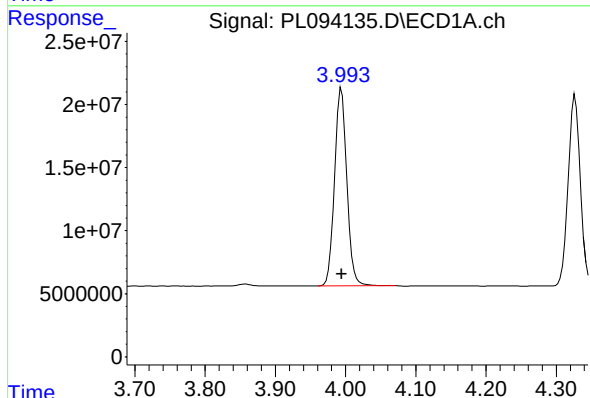
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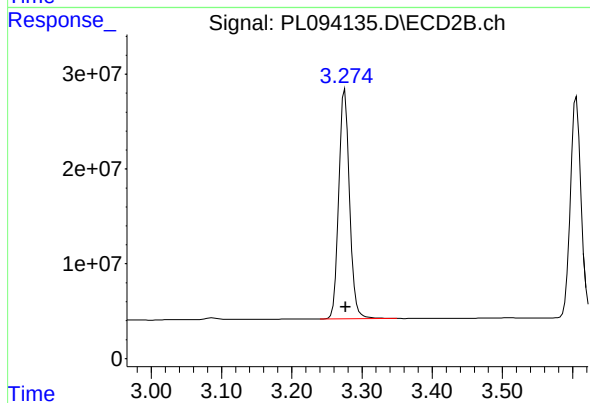
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.001 min
Response: 169985883
Conc: 52.08 ng/ml



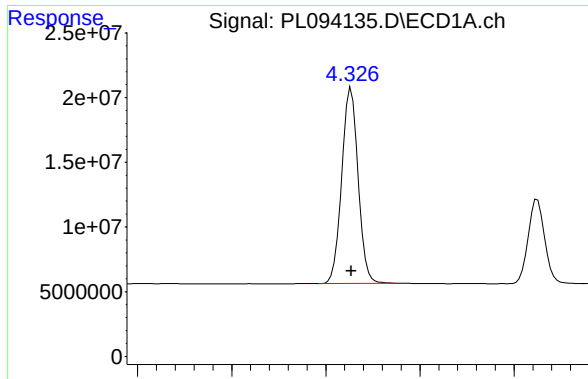
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 190310055
Conc: 49.64 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 257760574
Conc: 52.72 ng/ml



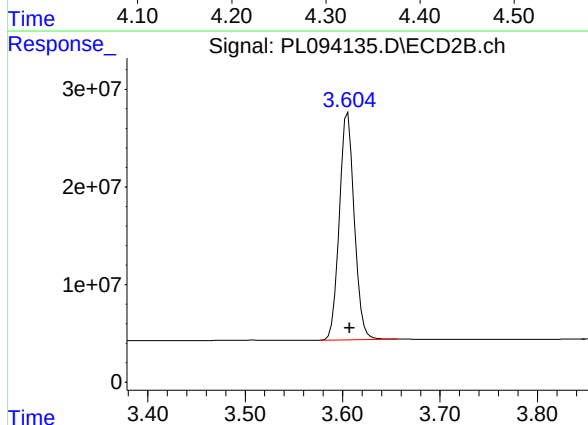
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 182661798
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

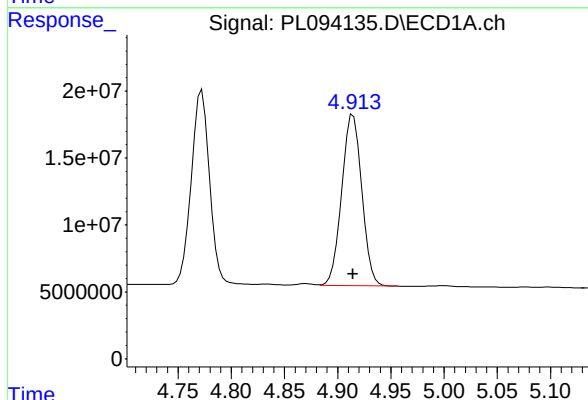
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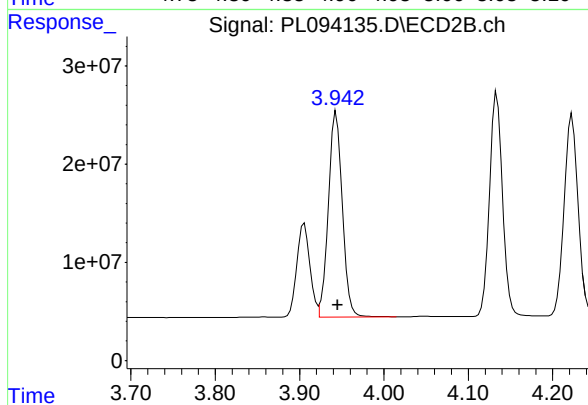
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.002 min
Response: 248476932
Conc: 52.41 ng/ml



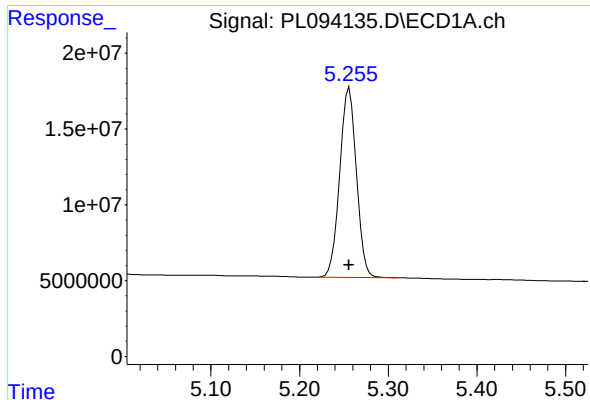
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 167434373
Conc: 51.09 ng/ml m



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.002 min
Response: 240060753
Conc: 51.57 ng/ml



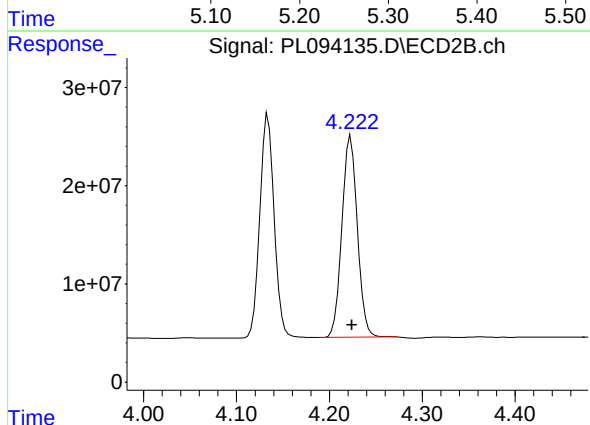
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 163521728
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

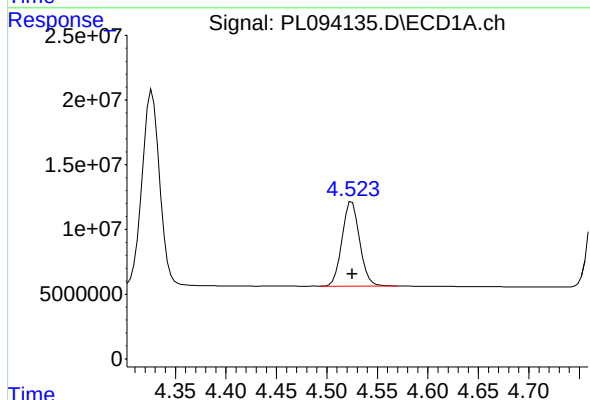
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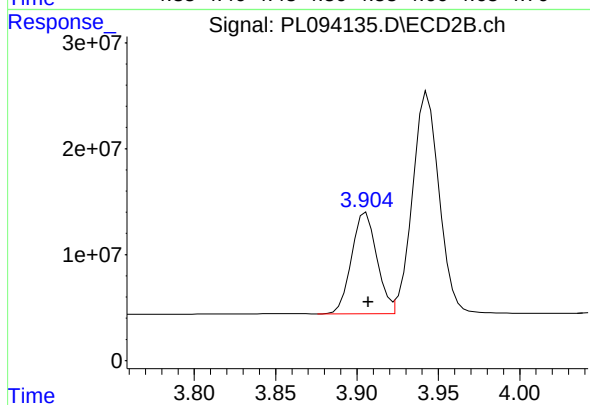
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.002 min
Response: 237167787
Conc: 51.99 ng/ml



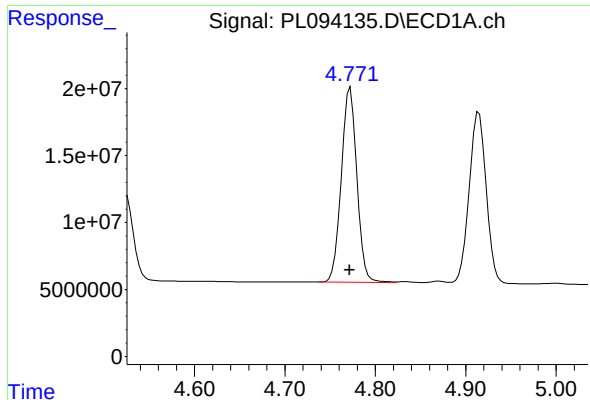
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 79182619
Conc: 49.26 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 103347386
Conc: 51.74 ng/ml



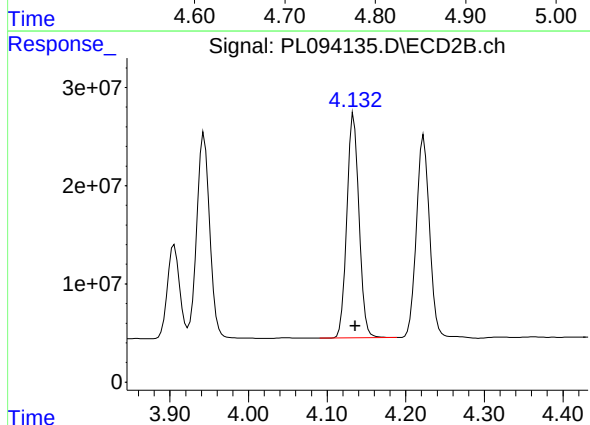
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 174243247
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

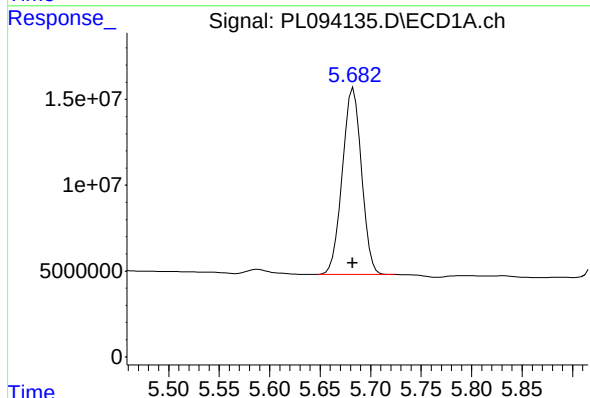
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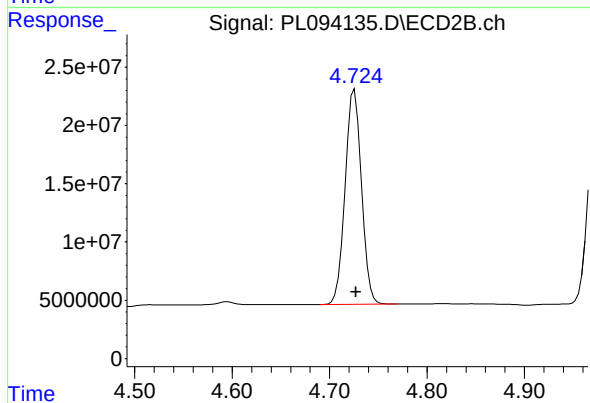
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.002 min
Response: 245153661
Conc: 51.60 ng/ml



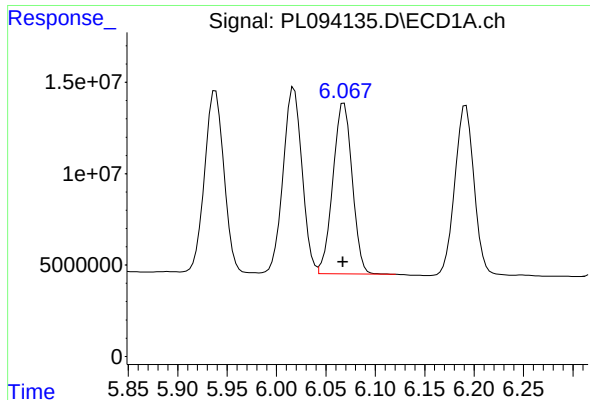
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 143839176
Conc: 48.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: -0.001 min
Response: 214782902
Conc: 51.38 ng/ml



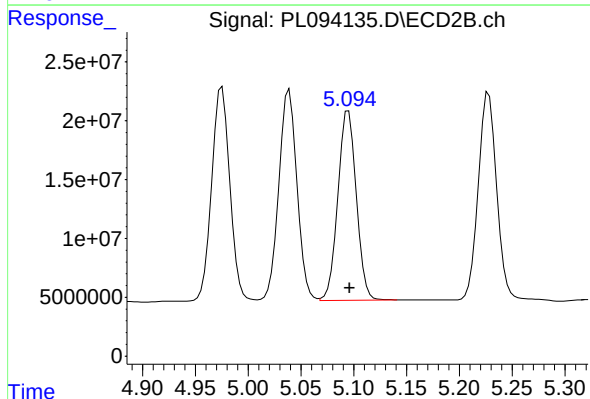
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.001 min
Response: 126707007
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

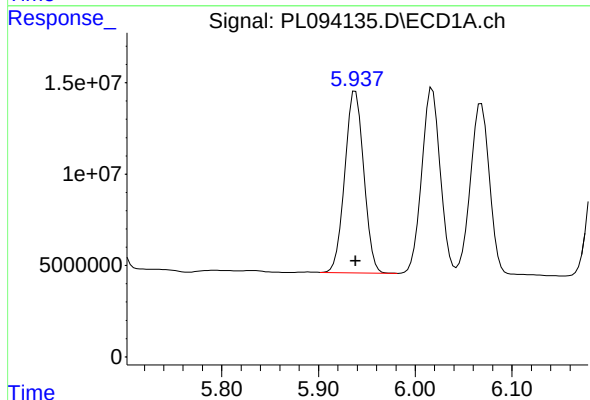
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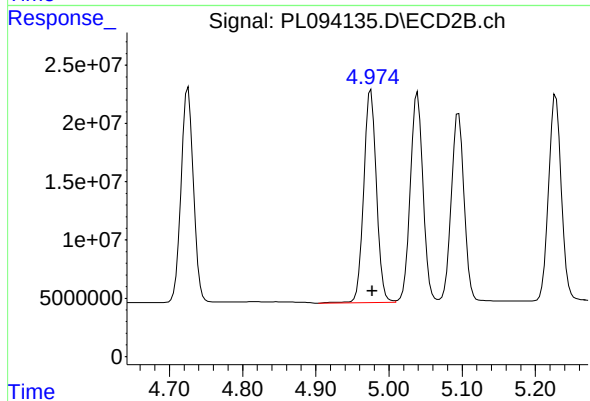
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: -0.001 min
Response: 195907476
Conc: 50.53 ng/ml



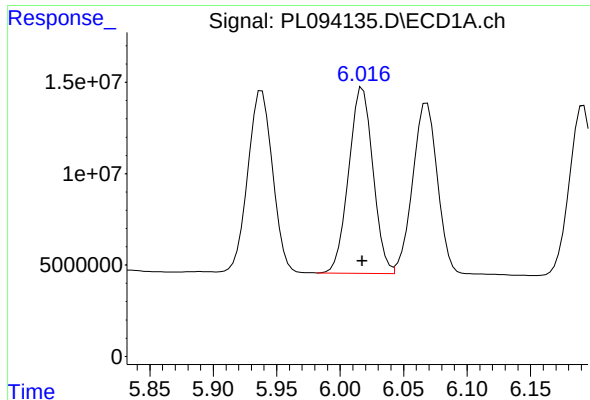
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 135168857
Conc: 48.49 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 220251103
Conc: 51.98 ng/ml



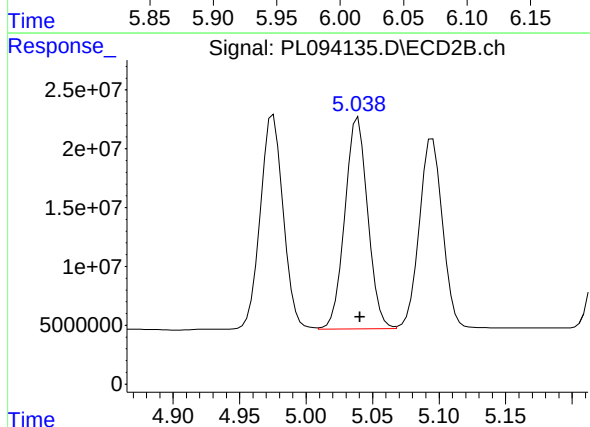
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 135196661
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

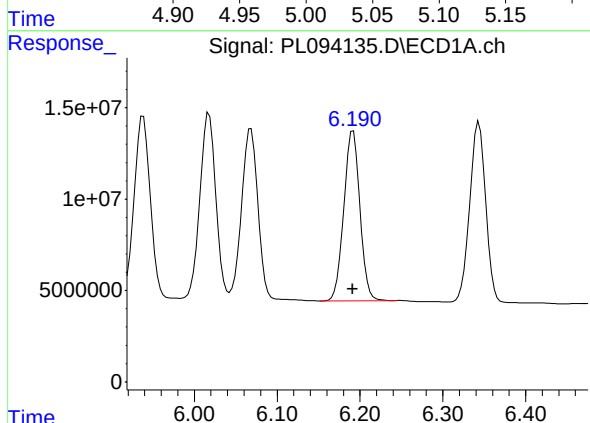
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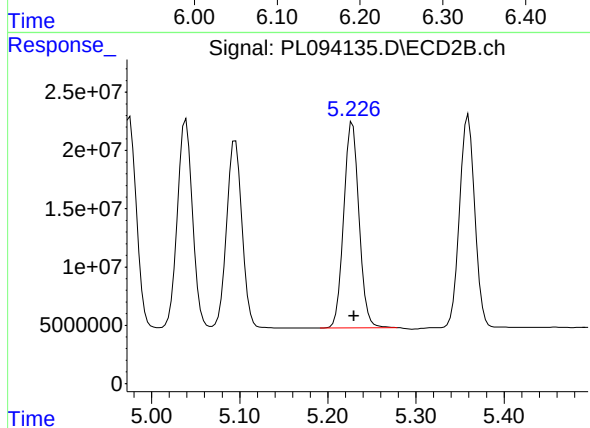
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 215539334
Conc: 51.48 ng/ml



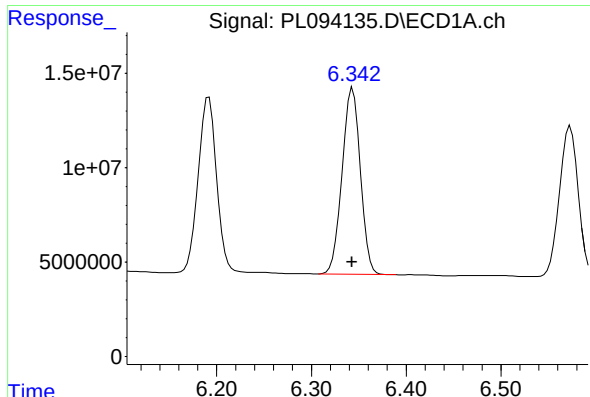
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 125512665
Conc: 51.55 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 213275817
Conc: 53.19 ng/ml



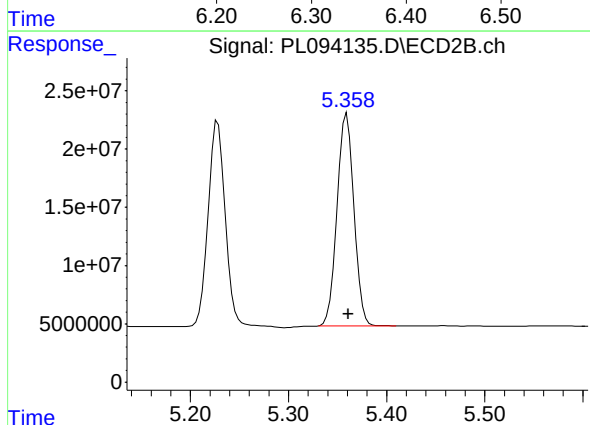
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 132018667
Conc: 47.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

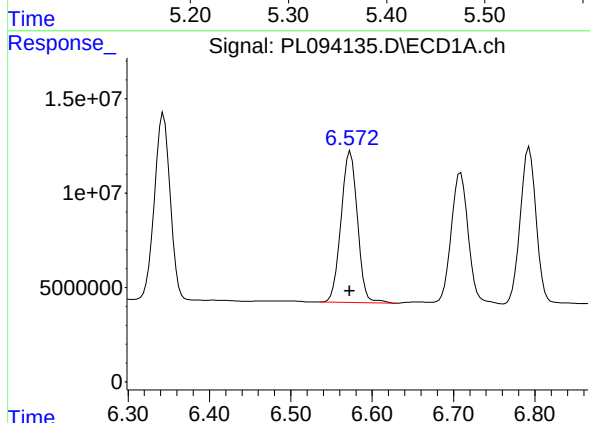
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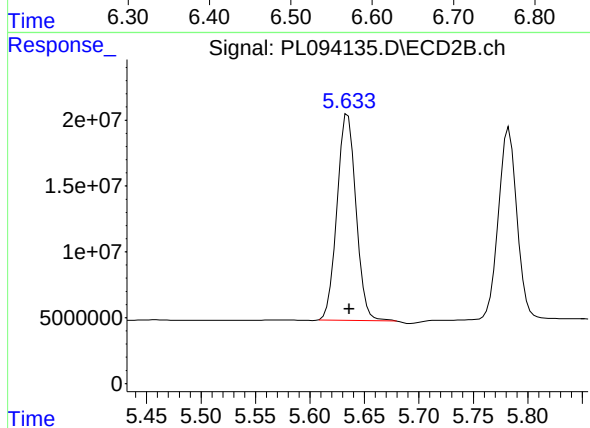
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: -0.001 min
Response: 218531346
Conc: 50.87 ng/ml



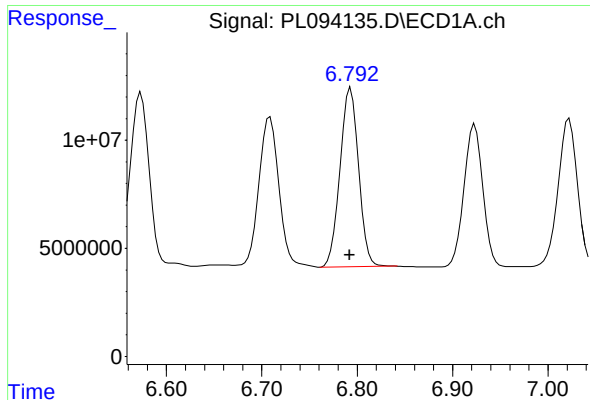
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 112485350
Conc: 47.97 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 189319314
Conc: 51.27 ng/ml



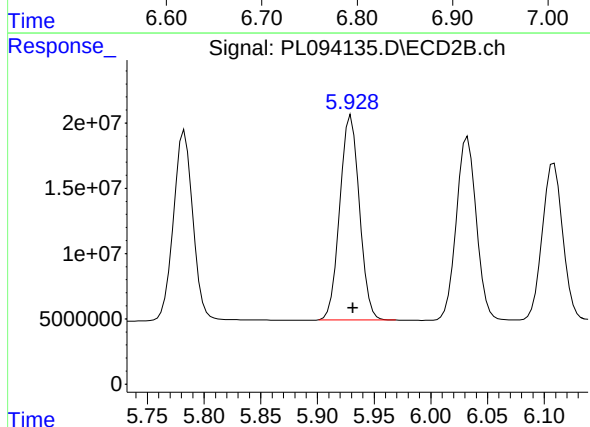
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 111994303
Conc: 46.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

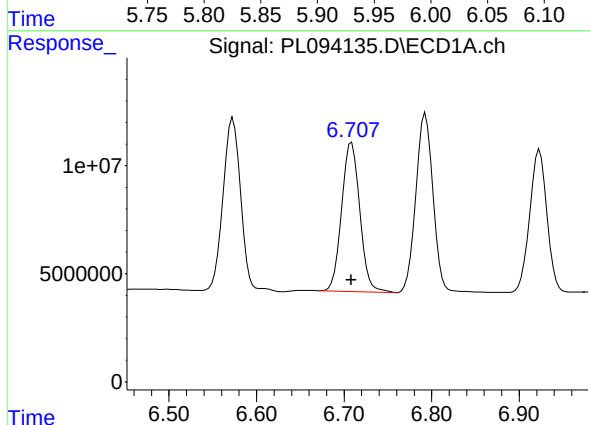
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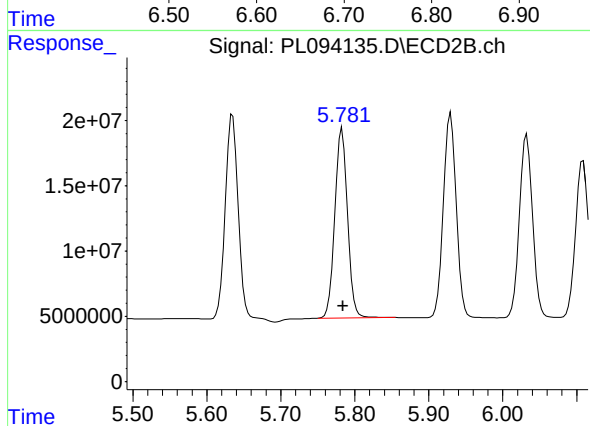
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 188574809
Conc: 50.91 ng/ml



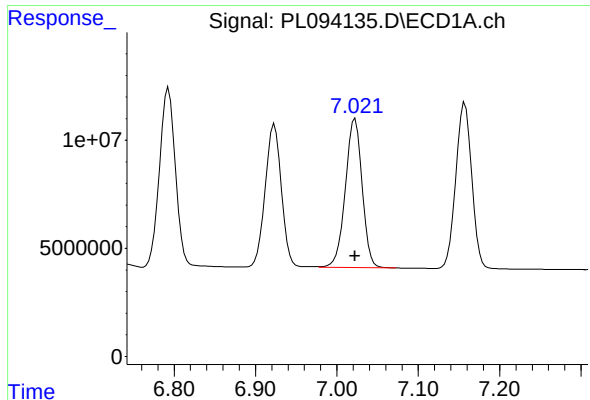
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 99742128
Conc: 52.48 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 173309003
Conc: 54.90 ng/ml



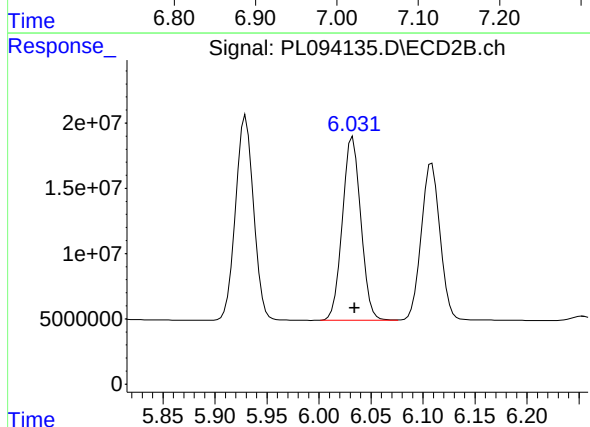
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 99227836
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

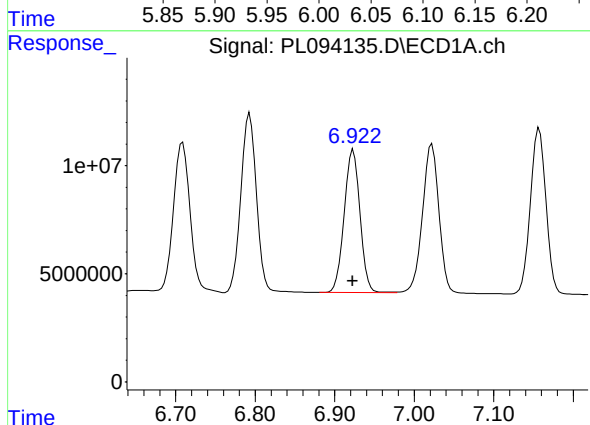
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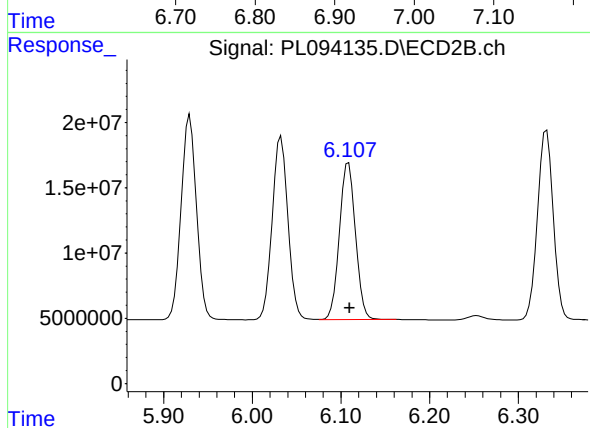
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 173265419
Conc: 53.25 ng/ml



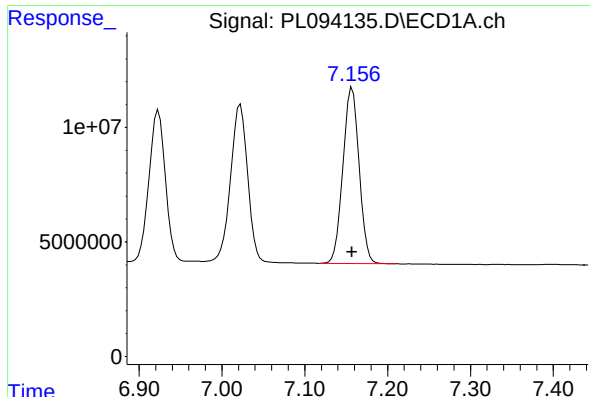
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 91379922
Conc: 47.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: -0.002 min
Response: 151346745
Conc: 49.71 ng/ml



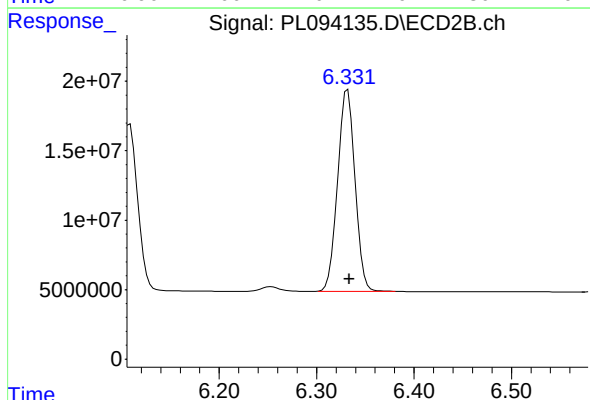
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 104543853
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

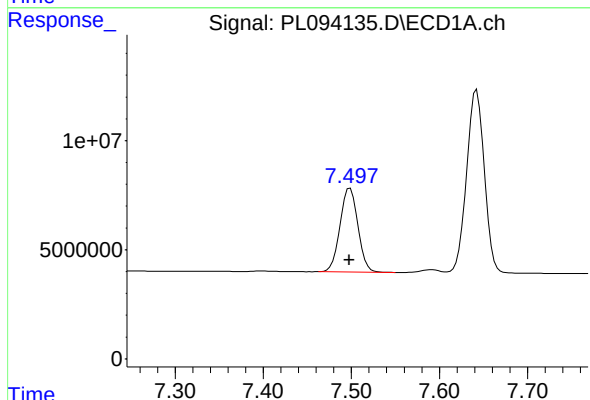
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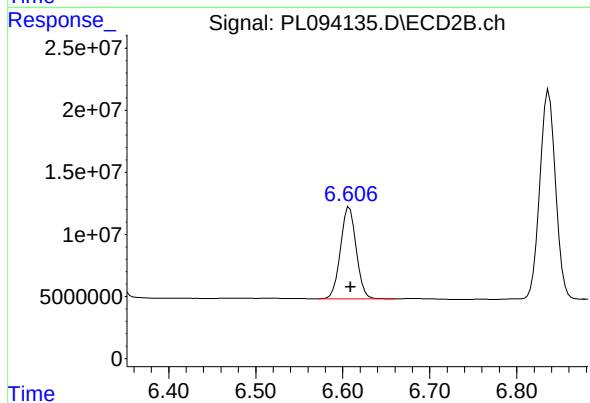
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 180367324
Conc: 50.58 ng/ml



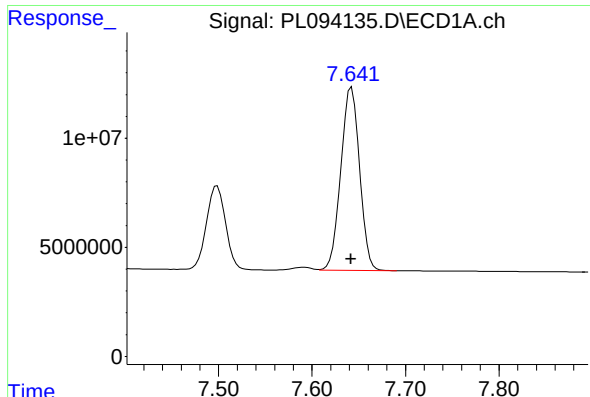
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 54178408
Conc: 51.93 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 93068315
Conc: 52.05 ng/ml



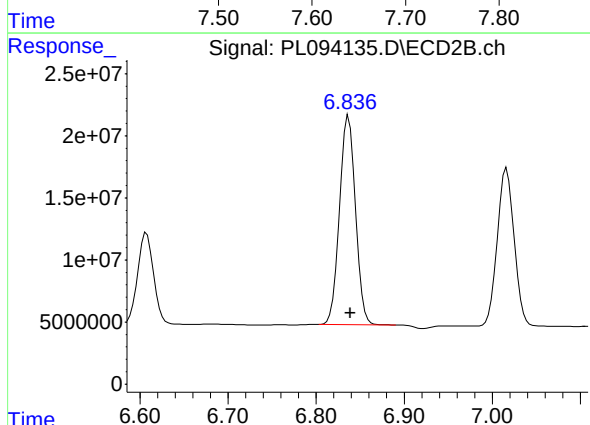
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 117228382
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

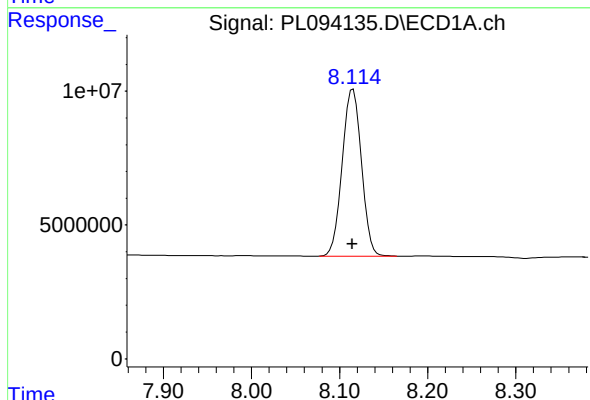
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Reviewed By :Abdul Mirza 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



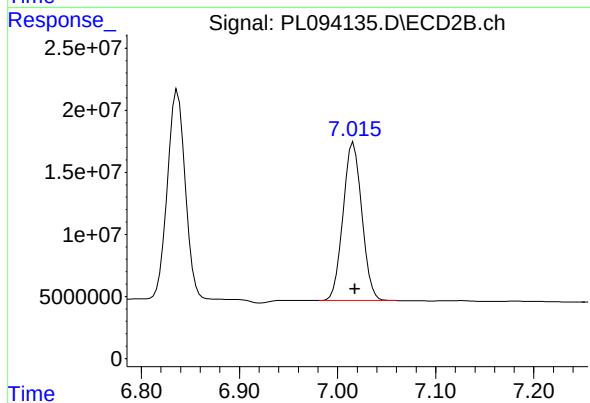
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 211964840
Conc: 50.53 ng/ml



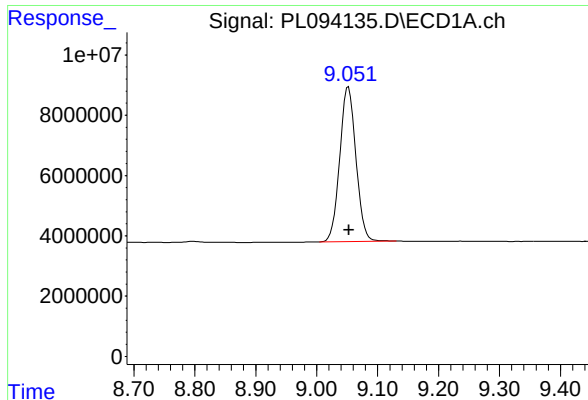
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 94999205
Conc: 45.62 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: -0.001 min
Response: 169723460
Conc: 50.19 ng/ml



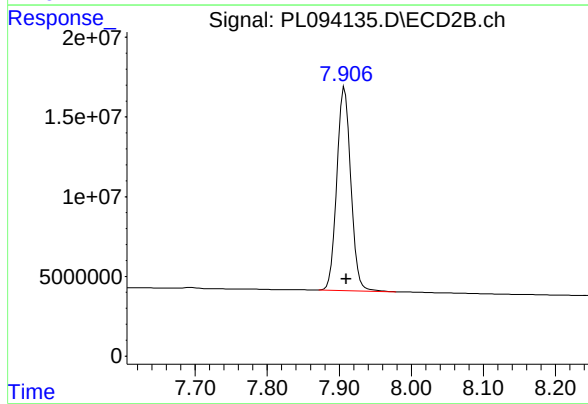
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 94859742
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: -0.002 min
Response: 170962522
Conc: 48.79 ng/ml