

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
 Data File : PL094321.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 20:14
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/21/2025
 Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 01:43:45 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...	3.537	2.772	135.1E6	176.5E6	50.177	54.073
28)	SA Decachlor...	9.053	7.907	110.4E6	205.4E6	52.756	58.612
Target Compounds							
2)	A alpha-BHC	3.993	3.274	196.8E6	271.8E6	51.323	55.584
3)	MA gamma-BHC...	4.326	3.604	190.2E6	262.7E6	51.636	55.403
4)	MA Heptachlor	4.912	3.942	171.6E6	252.2E6	52.345m	54.180
5)	MB Aldrin	5.255	4.221	175.2E6	257.0E6	53.546	56.332
6)	B beta-BHC	4.524	3.904	82242737	109.3E6	51.167	54.726
7)	B delta-BHC	4.771	4.133	185.9E6	263.9E6	53.037	55.536
8)	B Heptachlo...	5.682	4.724	158.1E6	235.1E6	53.149	56.248
9)	A Endosulfan I	6.067	5.093	139.5E6	206.5E6	52.787	53.269
10)	B gamma-Chl...	5.938	4.974	150.3E6	239.5E6	53.918	56.524
11)	B alpha-Chl...	6.016	5.037	149.1E6	236.2E6	53.482	56.427
12)	B 4,4'-DDE	6.190	5.226	137.6E6	235.8E6	56.521	58.805
13)	MA Dieldrin	6.342	5.358	147.5E6	240.6E6	53.126	56.005
14)	MA Endrin	6.571	5.633	112.1E6	191.1E6	47.790m	51.754
15)	B Endosulfa...	6.792	5.927	125.0E6	211.4E6	51.867	57.064m
16)	A 4,4'-DDD	6.708	5.781	110.6E6	198.4E6	58.179	62.847
17)	MA 4,4'-DDT	7.021	6.031	99392719	174.6E6	50.401	53.650
18)	B Endrin al...	6.922	6.108	102.9E6	173.0E6	52.922	56.821
19)	B Endosulfa...	7.157	6.331	116.1E6	201.8E6	51.301	56.585
20)	A Methoxychlor	7.498	6.607	53112022	95364507	50.903	53.332
21)	B Endrin ke...	7.642	6.836	135.8E6	249.2E6	53.818	59.404
22)	Mirex	8.115	7.015	105.4E6	191.5E6	50.626	56.638

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
Data File : PL094321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

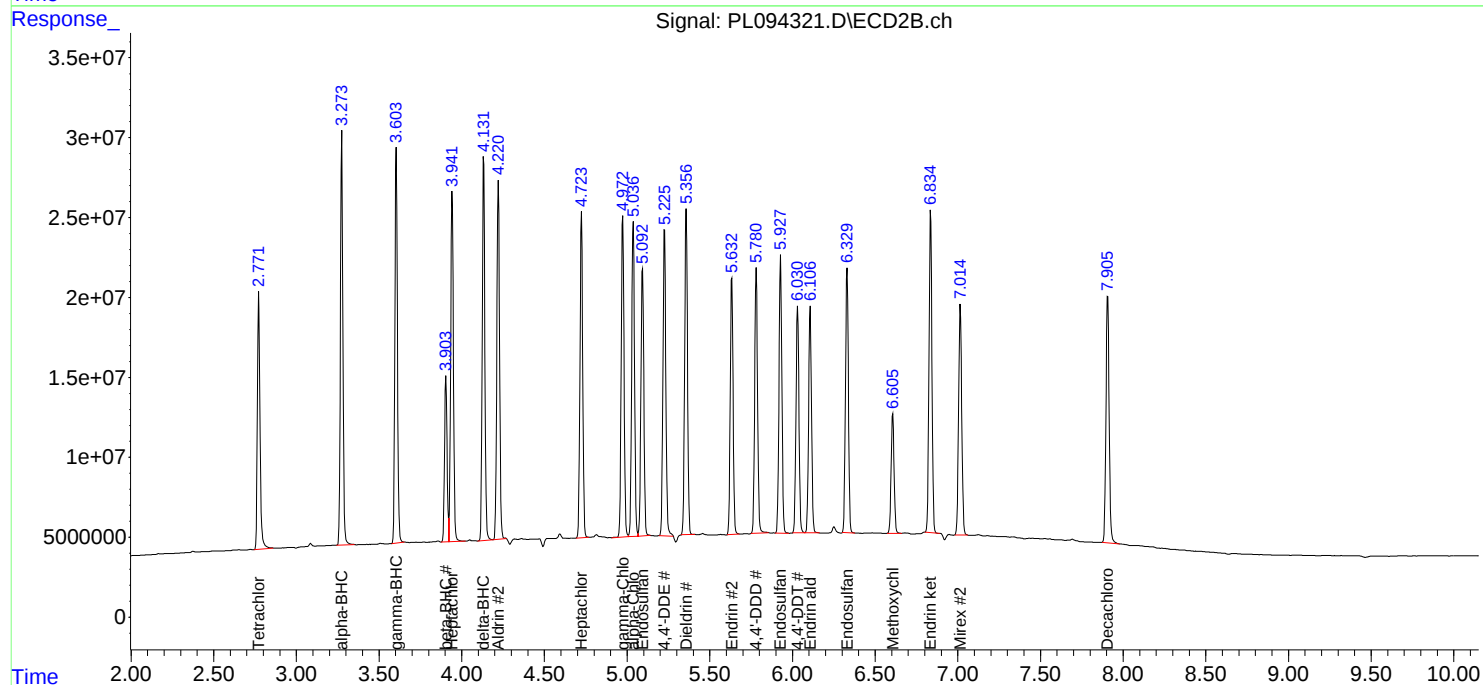
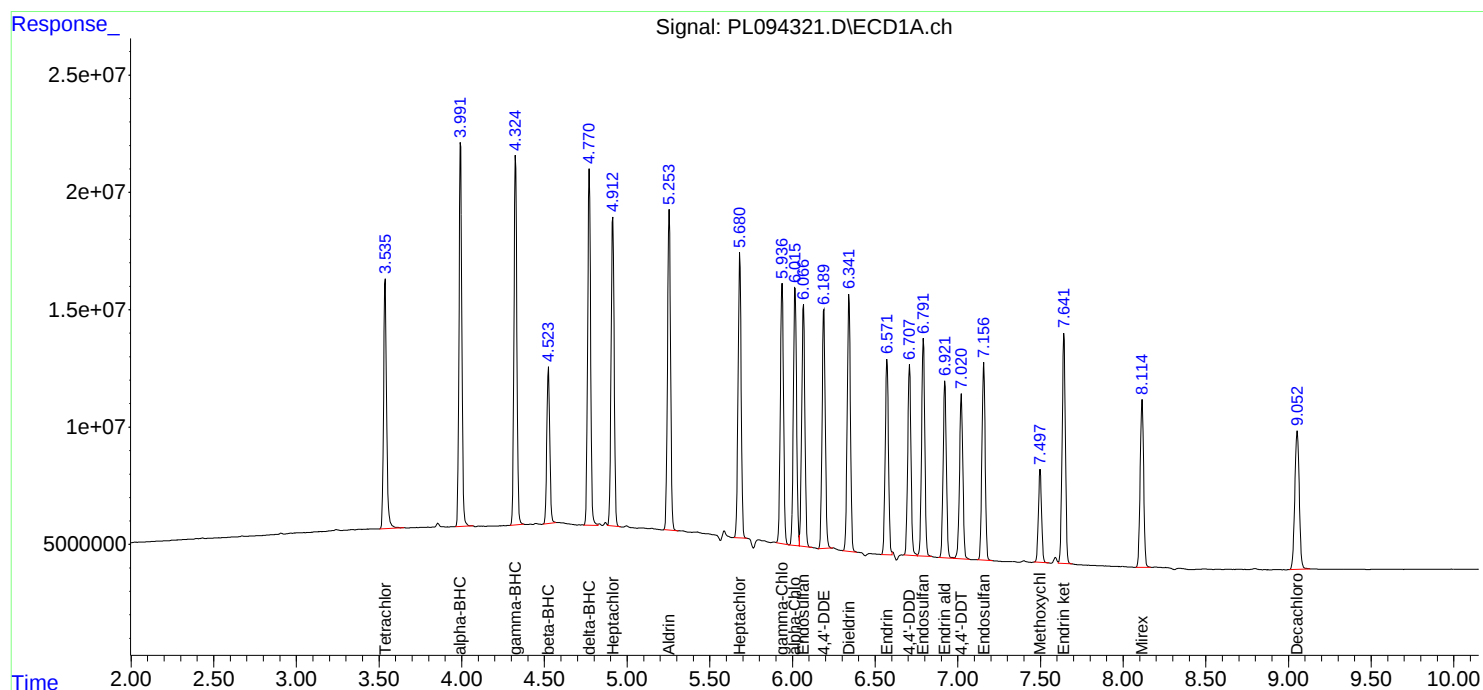
APPROVED

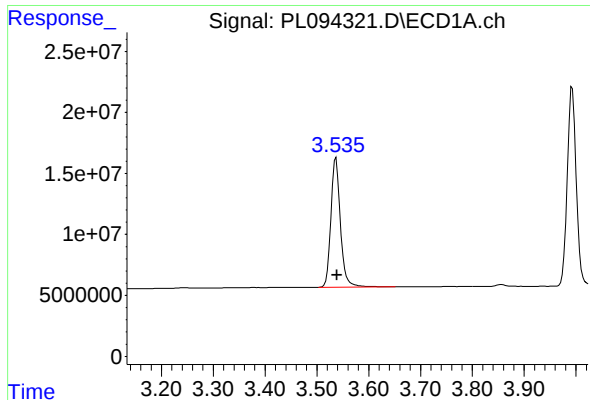
Reviewed By :Abdul Mirza 02/21/2025

Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 01:43:45 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.: 3.537 min
Delta R.T.: -0.002 min
Response: 135113815
Conc: 50.18 ng/ml

Instrument :

ECD_L

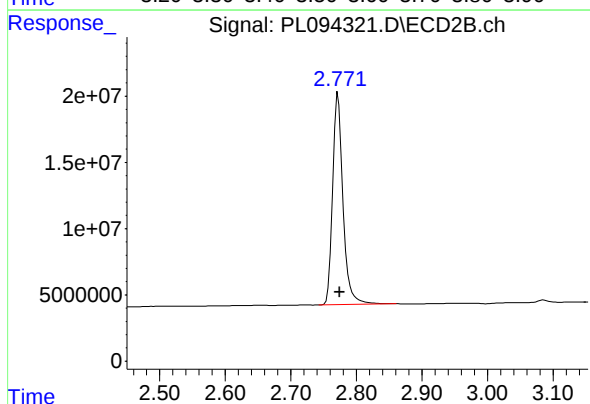
ClientSampleId :

PSTDCCC050

Manual Integrations

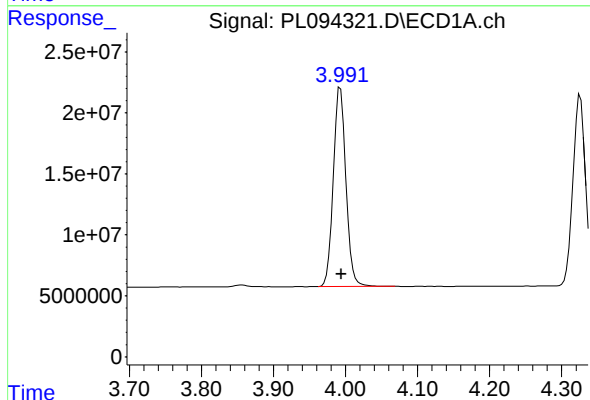
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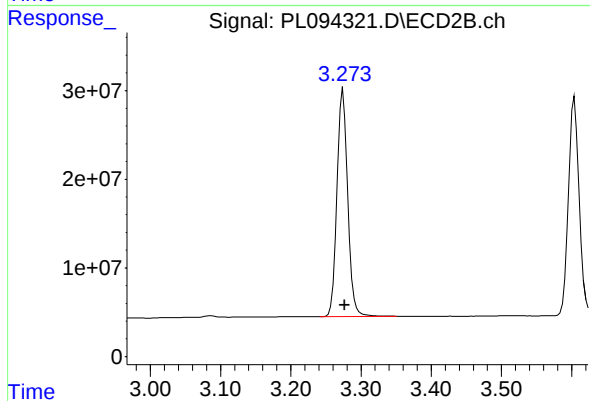
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.002 min
Response: 176502764
Conc: 54.07 ng/ml



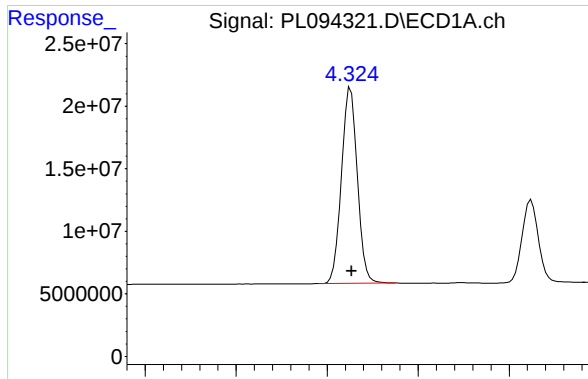
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 196765103
Conc: 51.32 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.002 min
Response: 271750977
Conc: 55.58 ng/ml



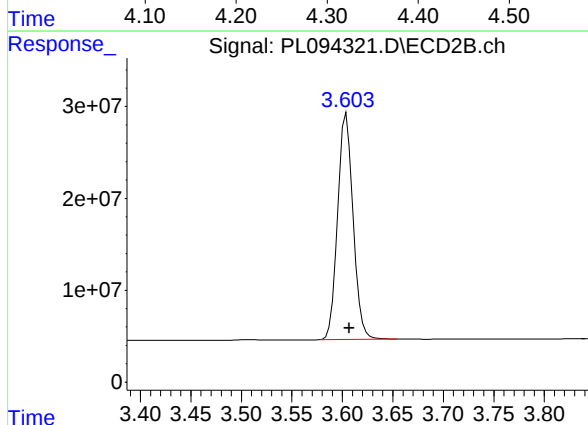
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 190166189
Conc: 51.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

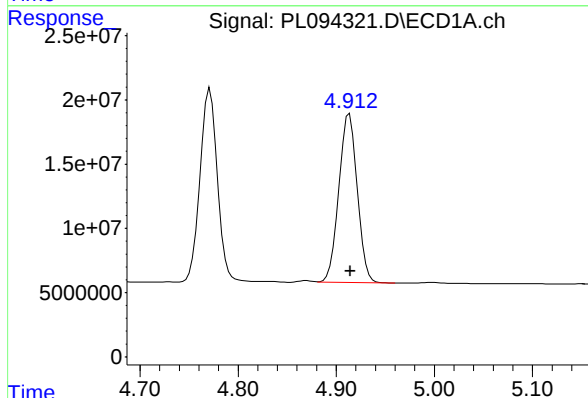
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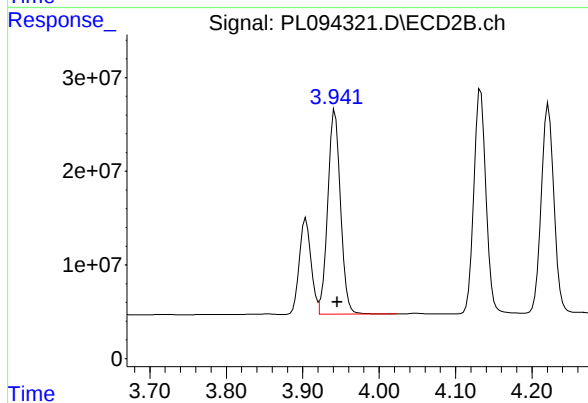
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 262678864
Conc: 55.40 ng/ml



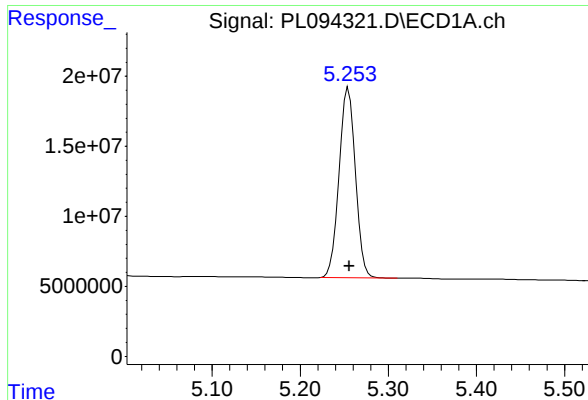
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 171552420
Conc: 52.35 ng/ml m



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 252196746
Conc: 54.18 ng/ml



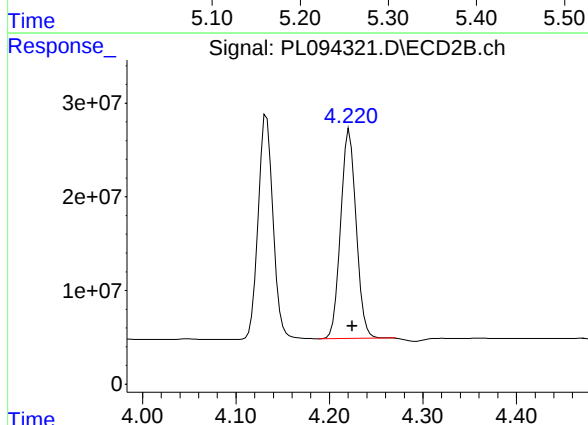
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.001 min
Response: 175201071
Conc: 53.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

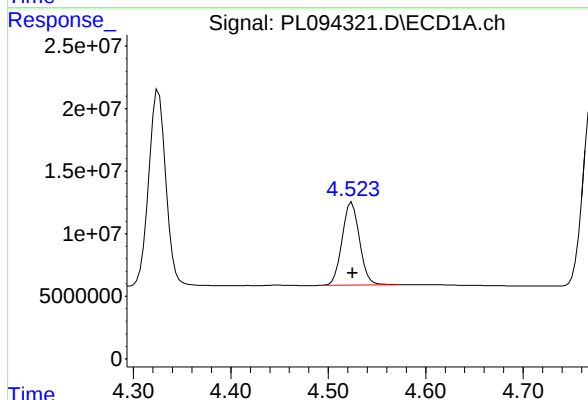
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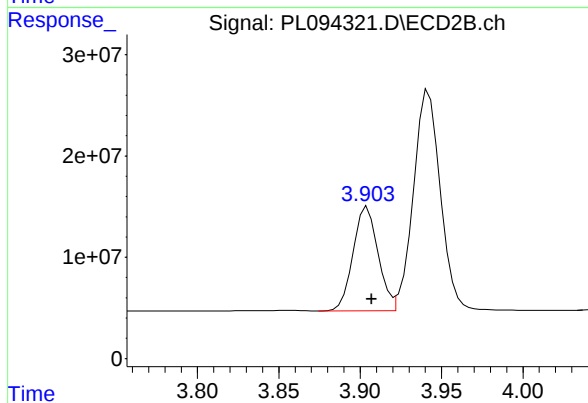
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: -0.003 min
Response: 256974841
Conc: 56.33 ng/ml



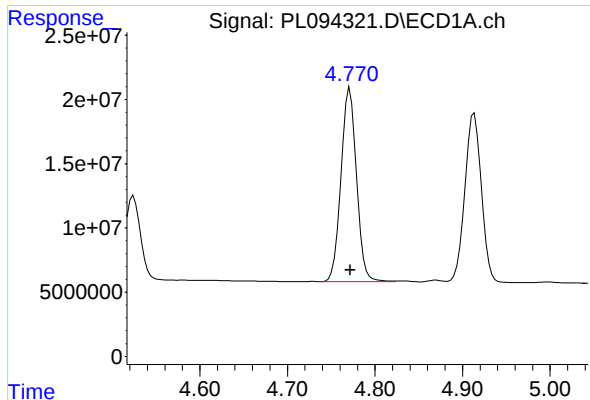
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 82242737
Conc: 51.17 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 109311342
Conc: 54.73 ng/ml



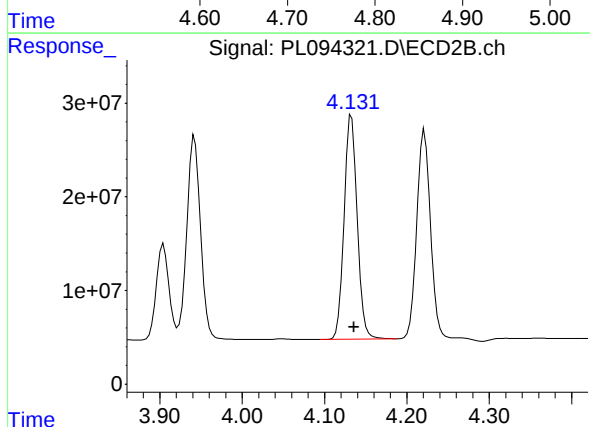
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 185910624
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

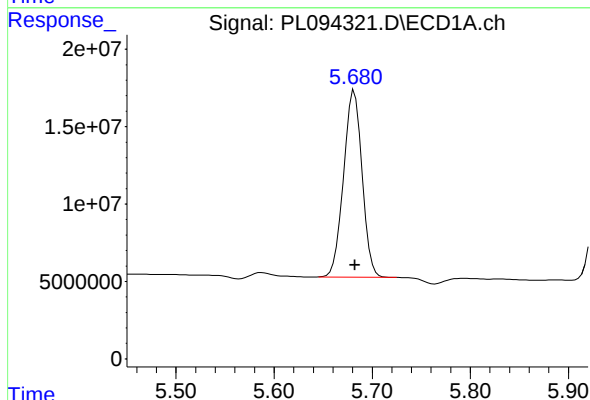
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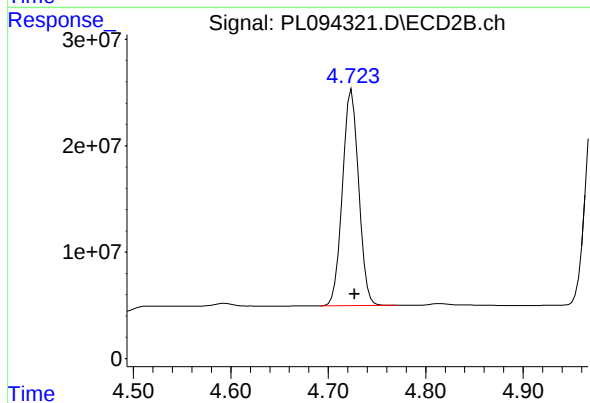
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 263863759
Conc: 55.54 ng/ml



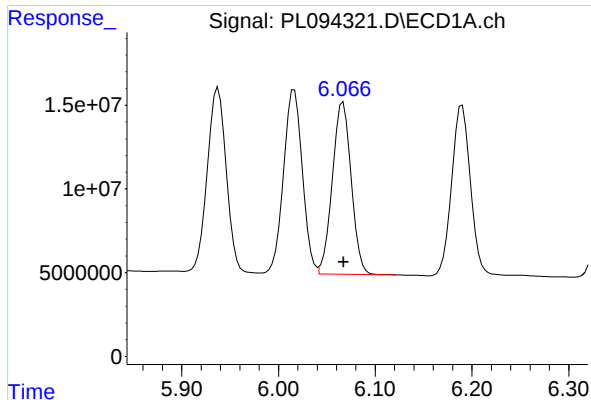
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 158055365
Conc: 53.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 235131075
Conc: 56.25 ng/ml



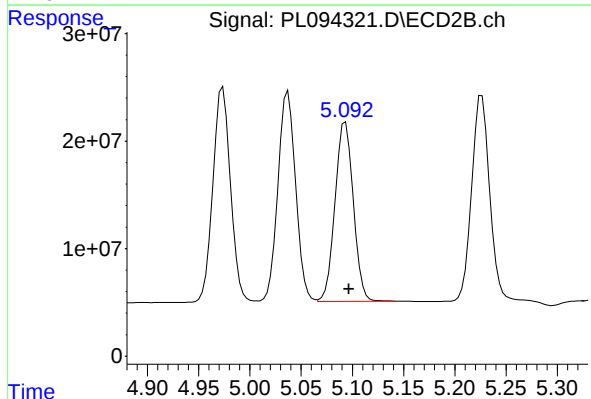
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 139508508
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

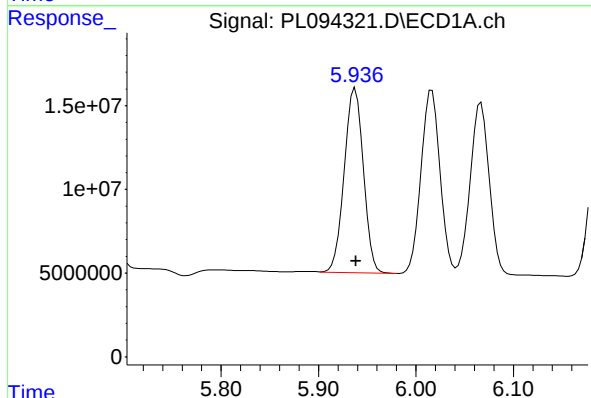
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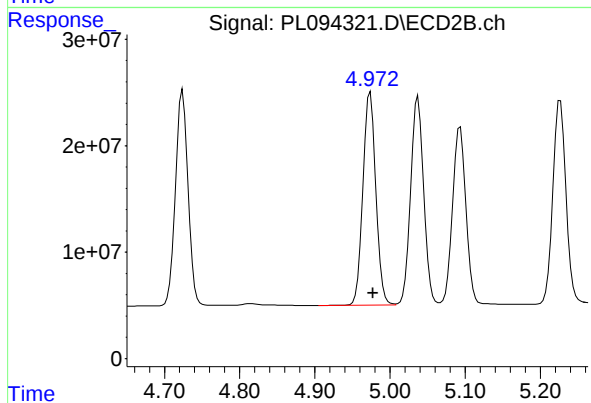
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 206519770
Conc: 53.27 ng/ml



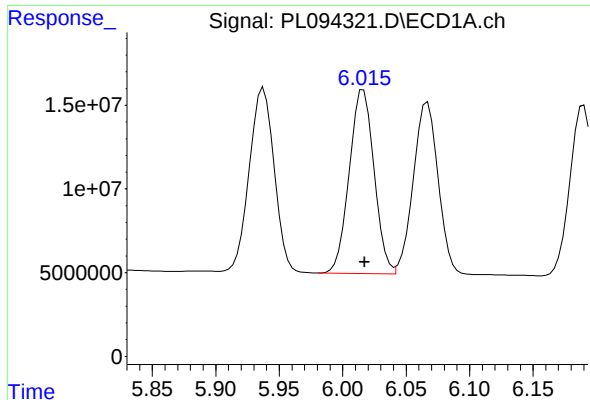
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 150290047
Conc: 53.92 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: -0.003 min
Response: 239527675
Conc: 56.52 ng/ml



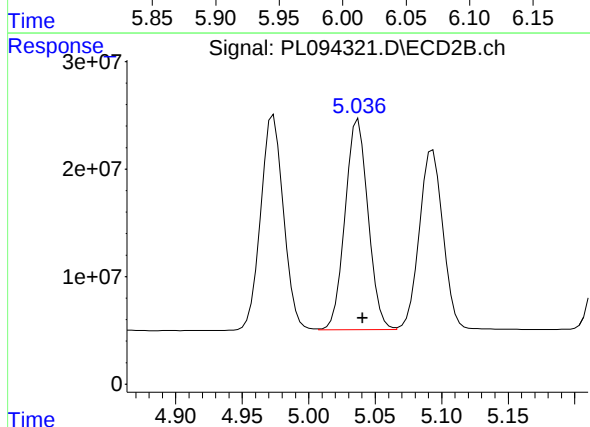
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 149128324
Conc: 53.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

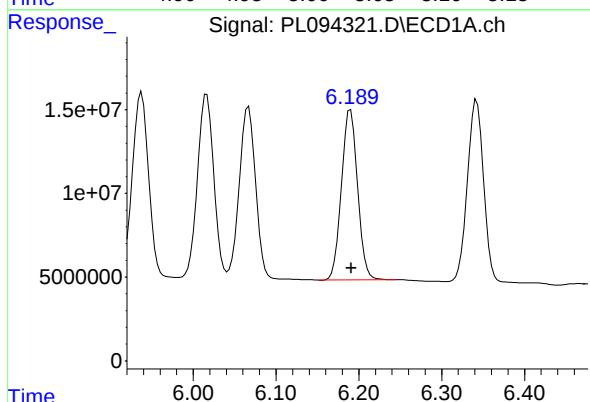
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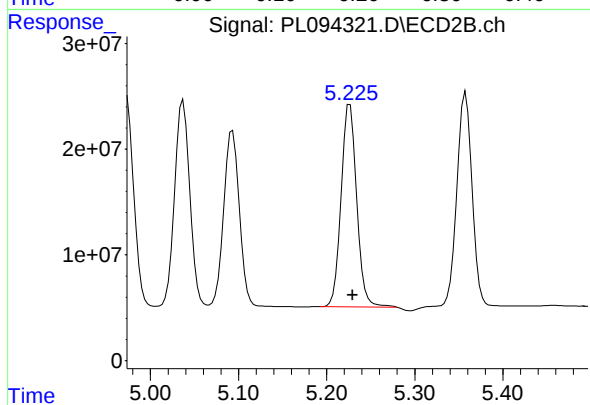
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 236233256
Conc: 56.43 ng/ml



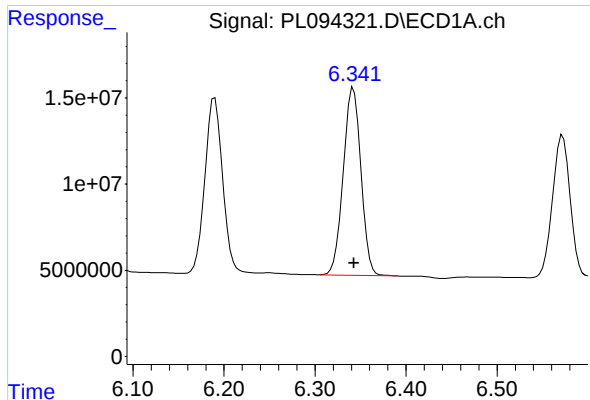
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.001 min
Response: 137606080
Conc: 56.52 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 235775883
Conc: 58.80 ng/ml



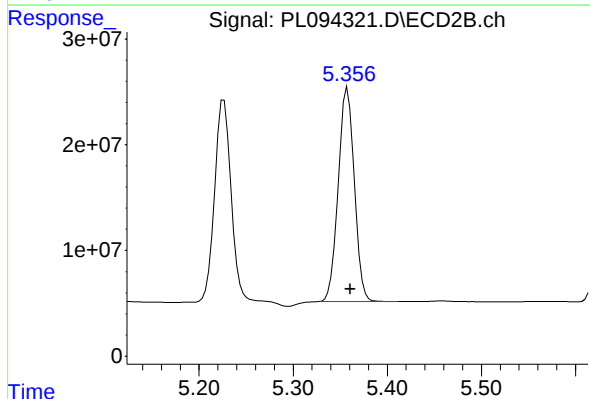
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 147469871
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

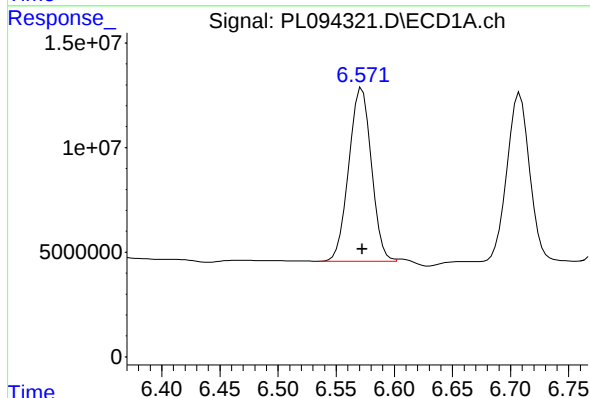
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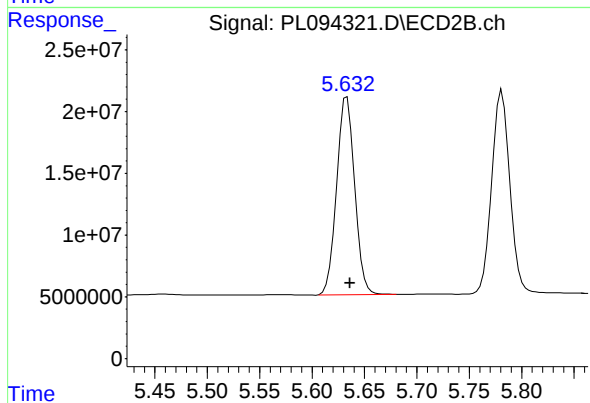
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 240578495
Conc: 56.01 ng/ml



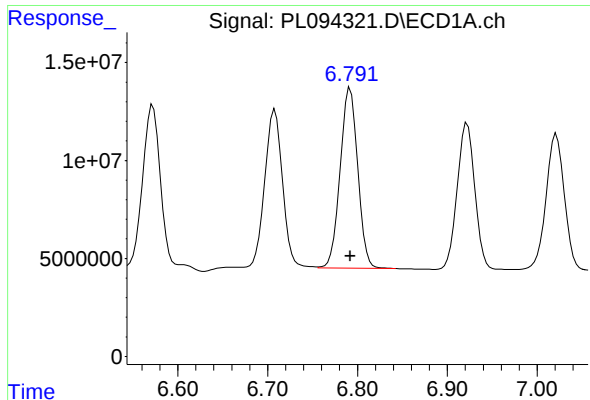
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 112059384
Conc: 47.79 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: -0.003 min
Response: 191110330
Conc: 51.75 ng/ml



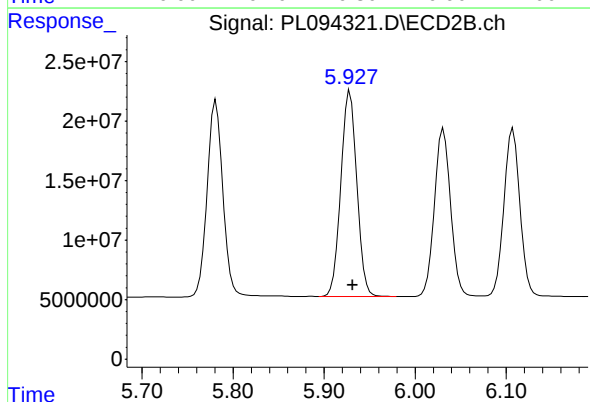
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 124965450
Conc: 51.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

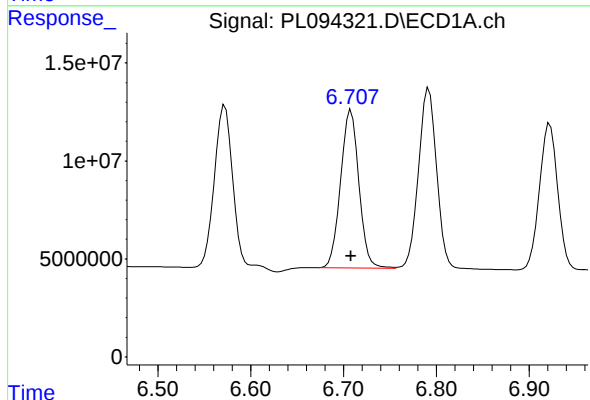
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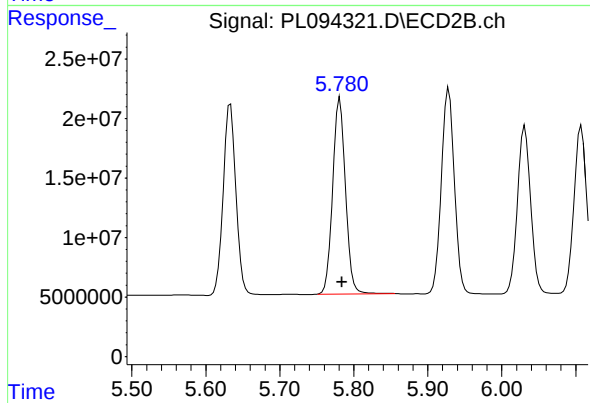
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.004 min
Response: 211356339
Conc: 57.06 ng/ml m



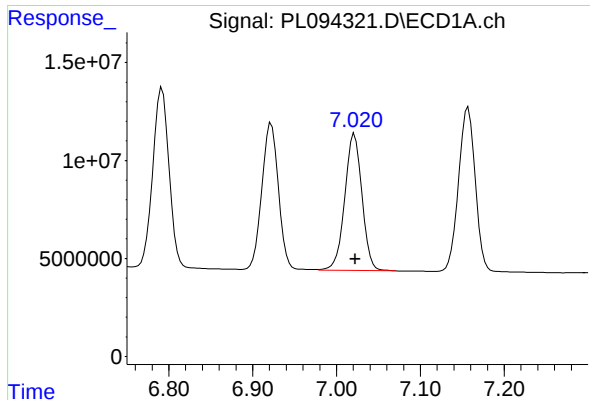
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 110573401
Conc: 58.18 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: -0.003 min
Response: 198380147
Conc: 62.85 ng/ml



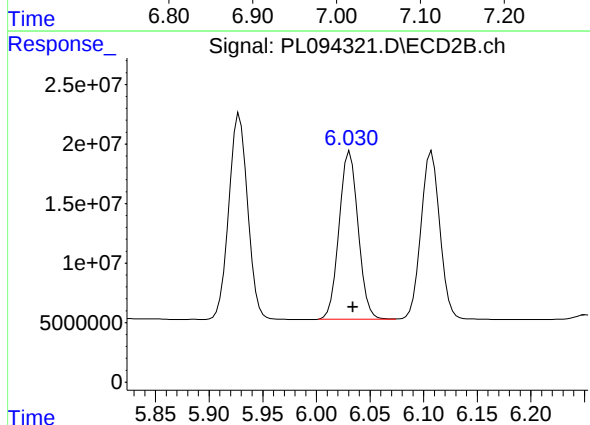
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 99392719
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

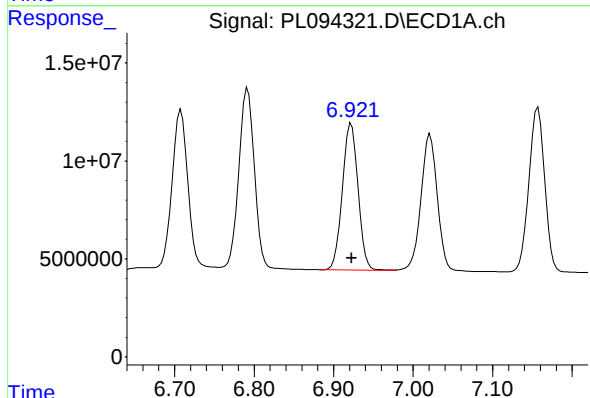
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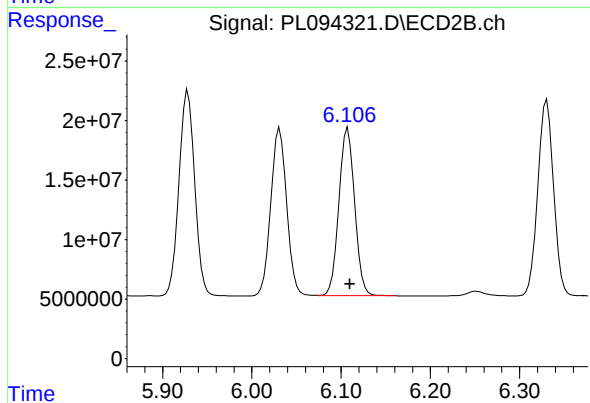
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 174578104
Conc: 53.65 ng/ml



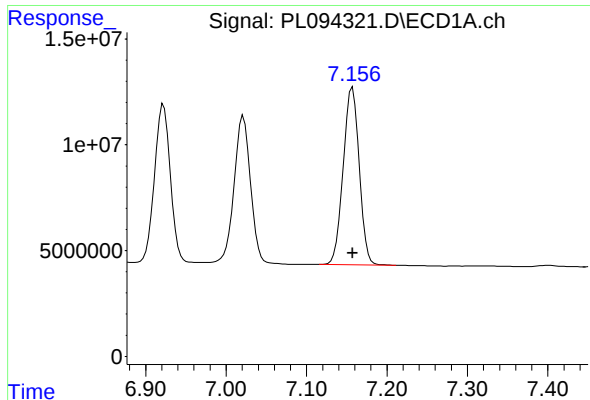
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 102884166
Conc: 52.92 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: -0.003 min
Response: 173001011
Conc: 56.82 ng/ml



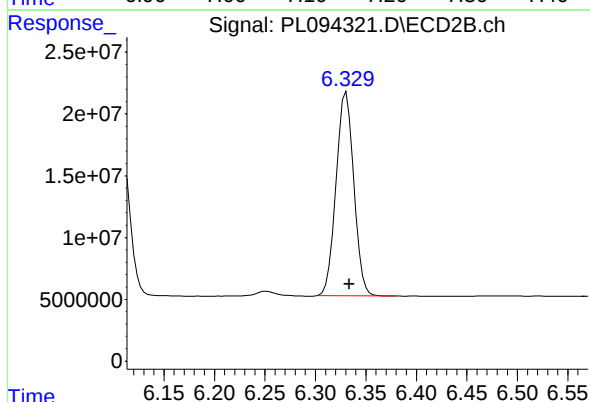
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 116131447
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

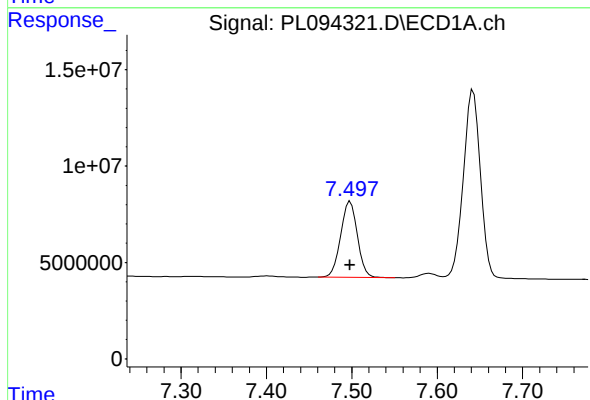
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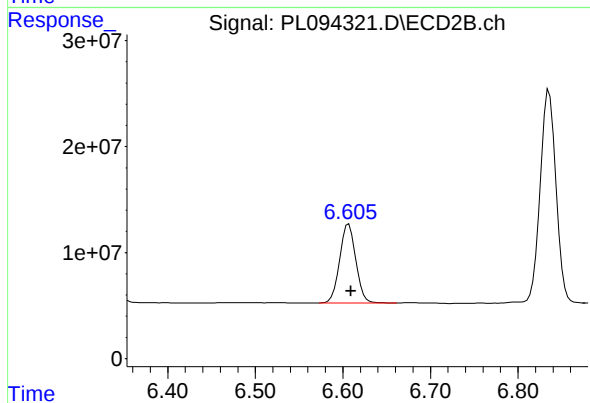
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: -0.003 min
Response: 201785022
Conc: 56.58 ng/ml



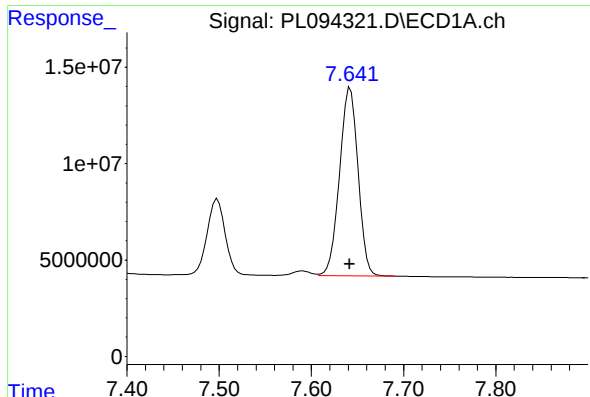
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 53112022
Conc: 50.90 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.003 min
Response: 95364507
Conc: 53.33 ng/ml



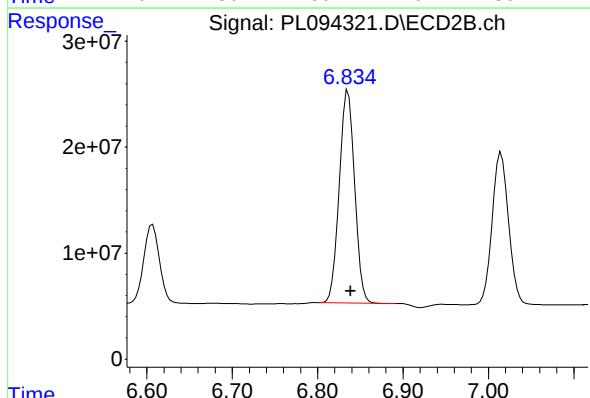
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 135763445
Conc: 53.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

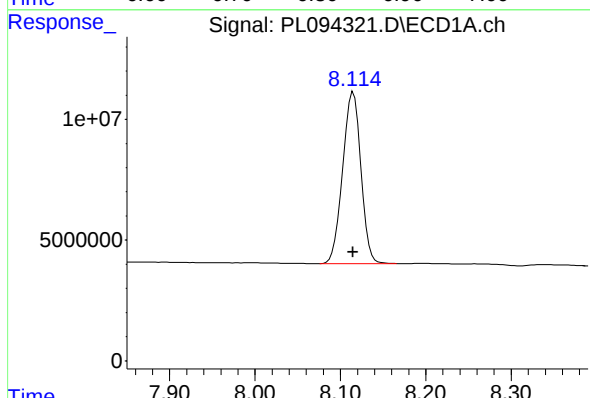
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



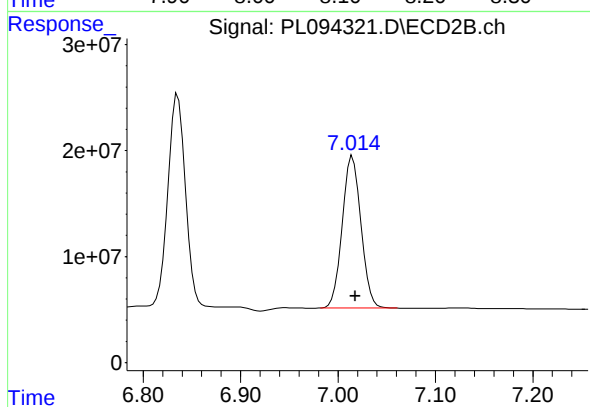
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 249213058
Conc: 59.40 ng/ml



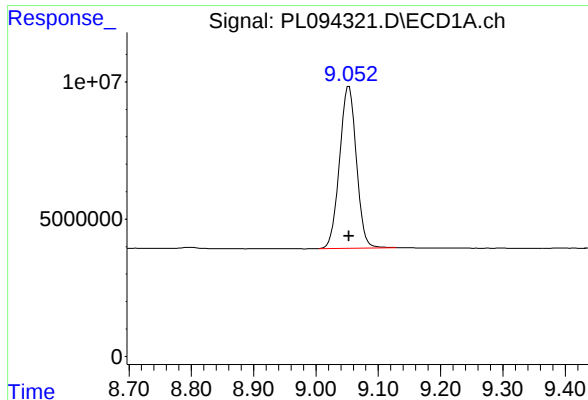
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 105427531
Conc: 50.63 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 191543746
Conc: 56.64 ng/ml



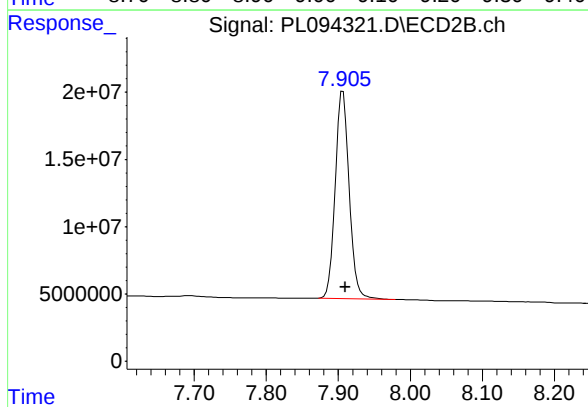
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 110361555
Conc: 52.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/21/2025



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: -0.003 min
Response: 205379224
Conc: 58.61 ng/ml