

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021225\
 Data File : PL094162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Feb 2025 14:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/13/2025
 Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 00:34:40 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	137.1E6	178.3E6	50.923	54.638
28)	SA Decachlor...	9.053	7.908	95339953	156.0E6	45.575	44.522
Target Compounds							
2)	A alpha-BHC	3.994	3.276	196.1E6	270.5E6	51.156	55.328
3)	MA gamma-BHC...	4.327	3.606	188.8E6	257.2E6	51.275	54.256
4)	MA Heptachlor	4.914	3.944	168.7E6	247.3E6	51.490	53.131
5)	MB Aldrin	5.256	4.223	168.1E6	246.8E6	51.373	54.100
6)	B beta-BHC	4.525	3.906	81254313	106.8E6	50.553	53.475
7)	B delta-BHC	4.772	4.134	178.6E6	253.9E6	50.958	53.449
8)	B Heptachlo...	5.683	4.726	147.9E6	220.7E6	49.728	52.787
9)	A Endosulfan I	6.068	5.095	128.1E6	197.6E6	48.471	50.962
10)	B gamma-Chl...	5.939	4.976	137.6E6	227.5E6	49.376	53.692
11)	B alpha-Chl...	6.018	5.039	137.5E6	223.2E6	49.317	53.319
12)	B 4,4'-DDE	6.192	5.228	127.0E6	224.8E6	52.170	56.060
13)	MA Dieldrin	6.343	5.360	133.6E6	226.5E6	48.115	52.737
14)	MA Endrin	6.572	5.635	108.9E6	188.5E6	46.427m	51.054
15)	B Endosulfa...	6.793	5.930	111.5E6	191.5E6	46.276	51.706
16)	A 4,4'-DDD	6.709	5.783	102.0E6	179.5E6	53.654	56.857
17)	MA 4,4'-DDT	7.023	6.033	94877479	165.9E6	48.111	50.977
18)	B Endrin al...	6.923	6.110	90205378	148.8E6	46.401	48.871
19)	B Endosulfa...	7.158	6.332	103.1E6	182.2E6	45.550	51.085
20)	A Methoxychlor	7.499	6.608	51625812	89782624	49.479	50.210
21)	B Endrin ke...	7.642	6.837	116.8E6	204.8E6	46.307	48.816
22)	Mirex	8.116	7.017	92182740	157.9E6	44.266	46.692

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021225\
Data File : PL094162.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 14:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

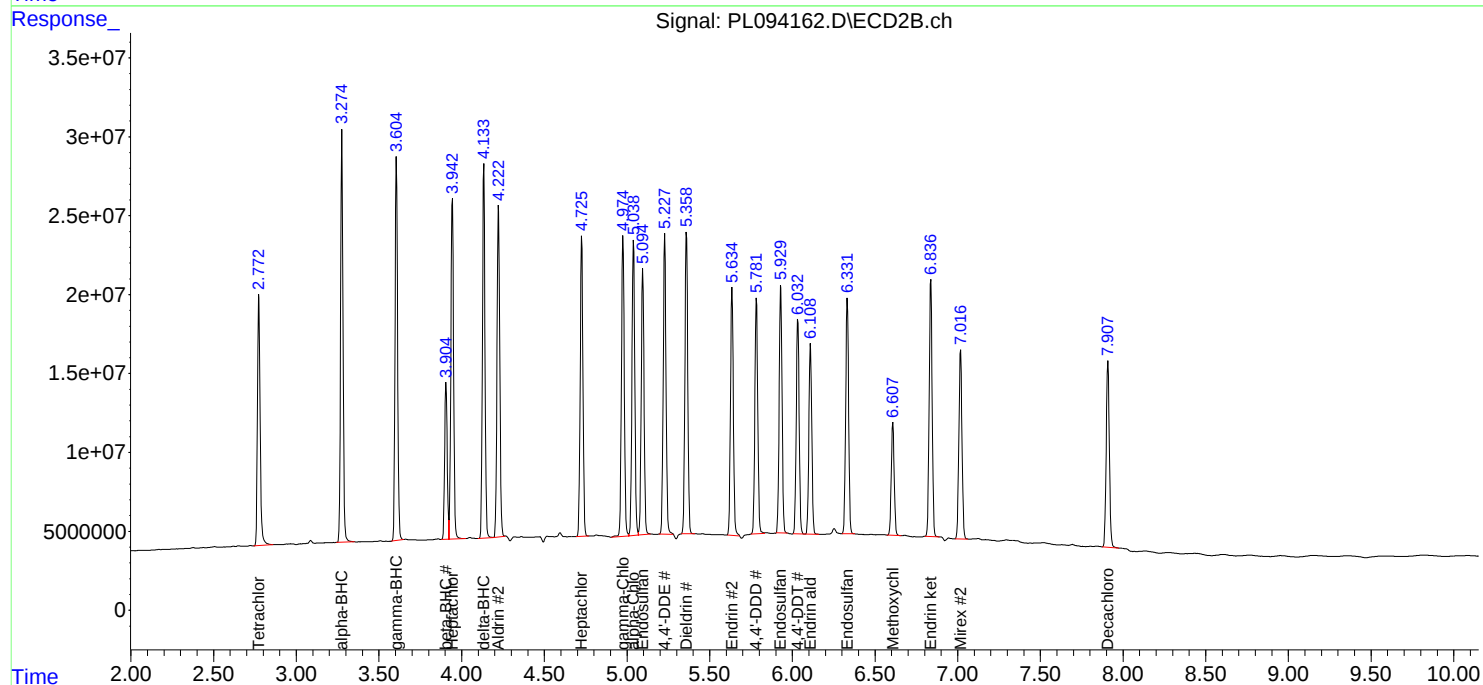
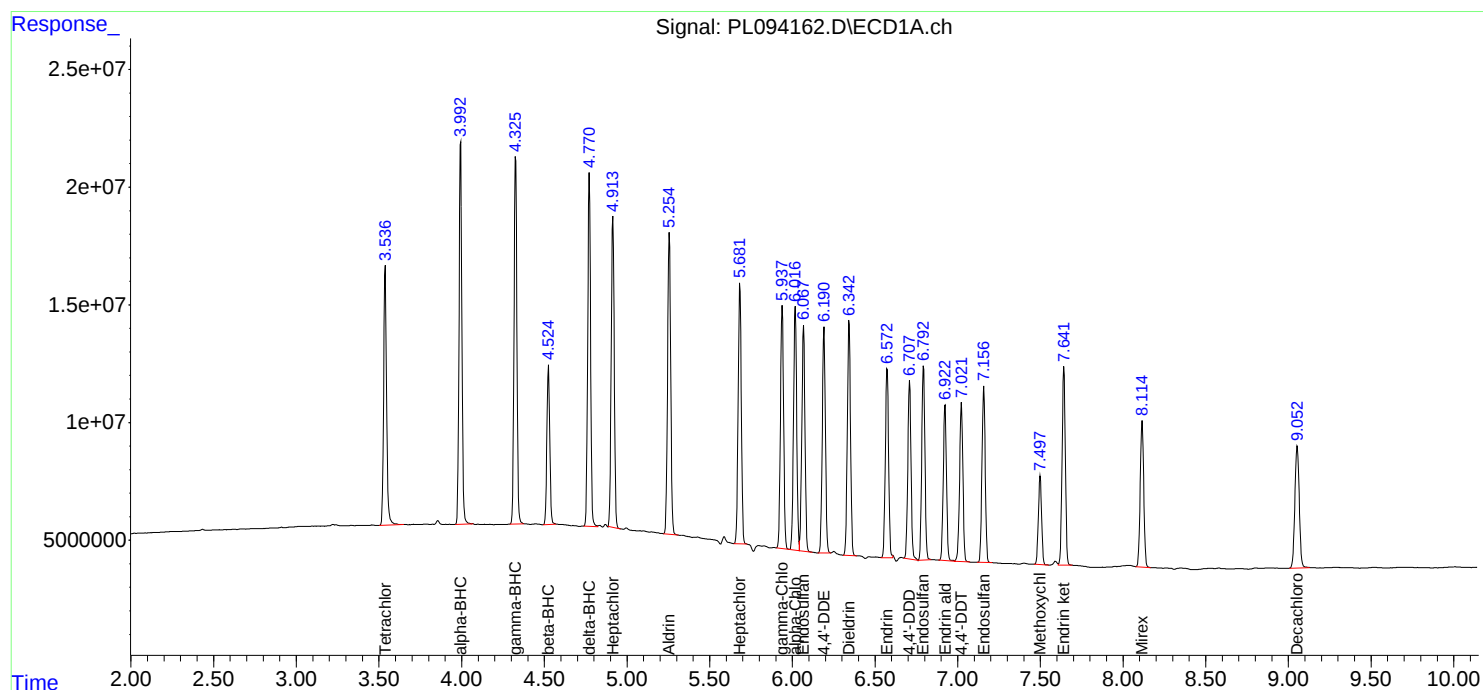
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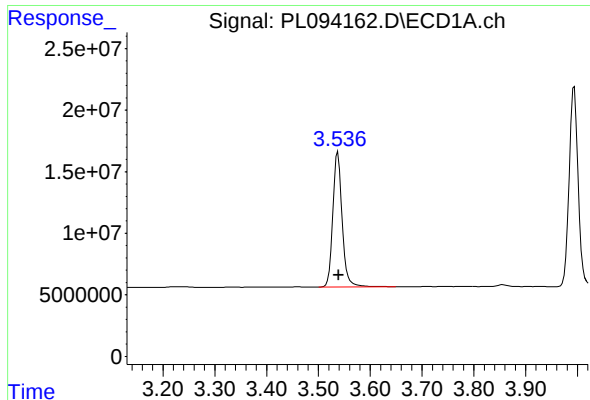
Reviewed By :Abdul Mirza 02/13/2025

Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 00:34:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021225.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





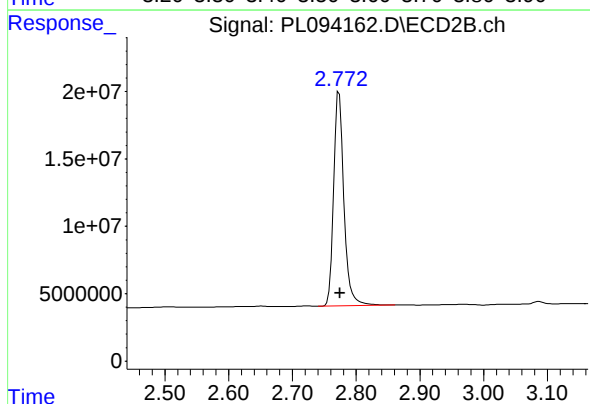
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 137122780
Conc: 50.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

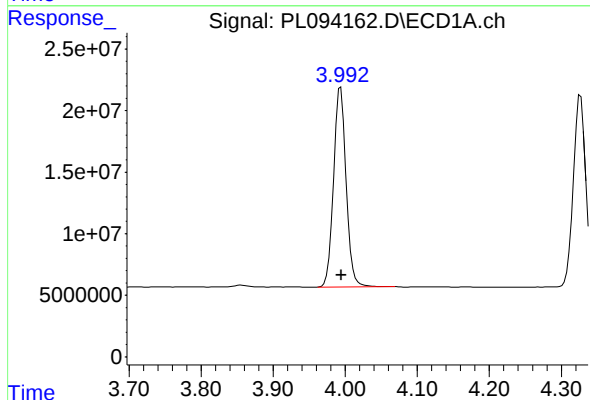
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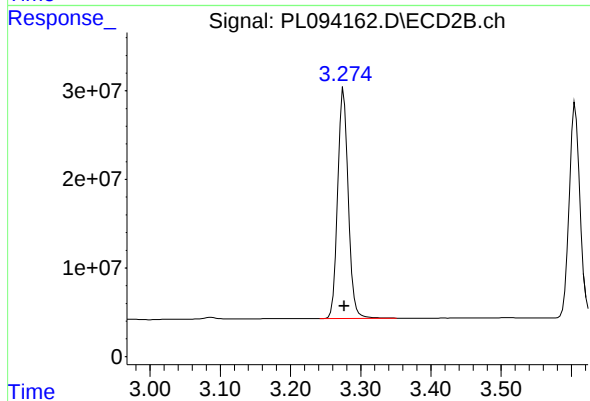
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.001 min
Response: 178346947
Conc: 54.64 ng/ml



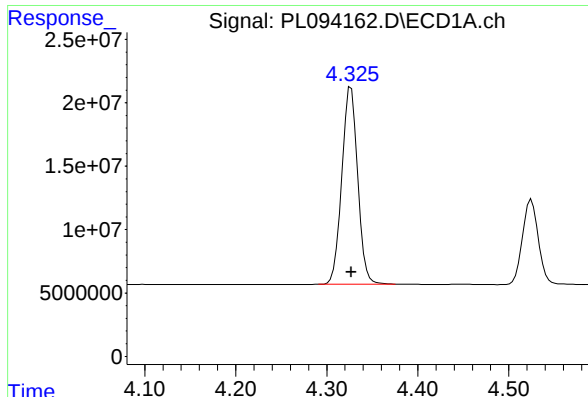
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 196122738
Conc: 51.16 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 270499049
Conc: 55.33 ng/ml



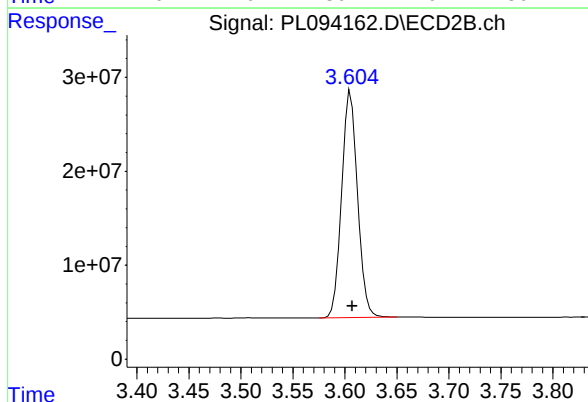
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 188836414
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

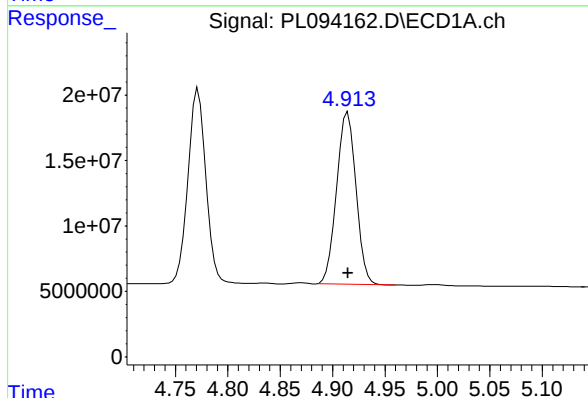
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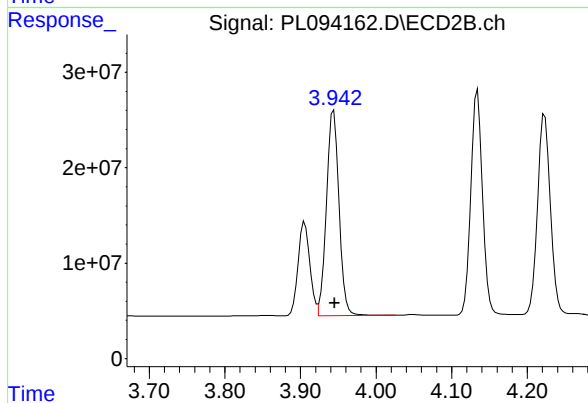
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 257237244
Conc: 54.26 ng/ml



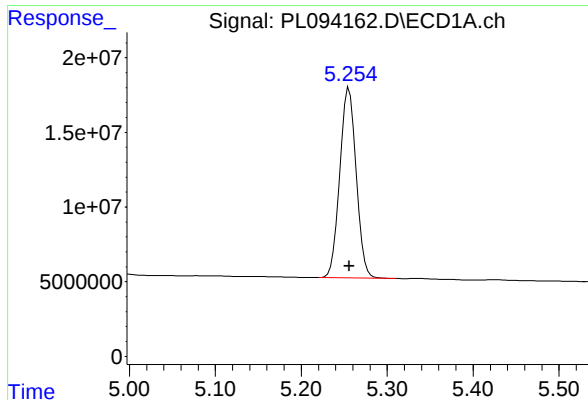
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 168748704
Conc: 51.49 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 247312806
Conc: 53.13 ng/ml



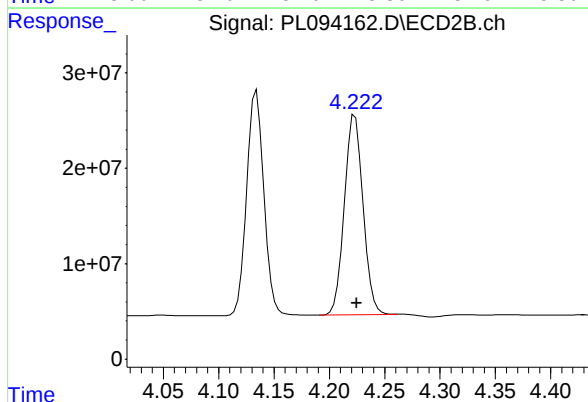
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 168092189
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

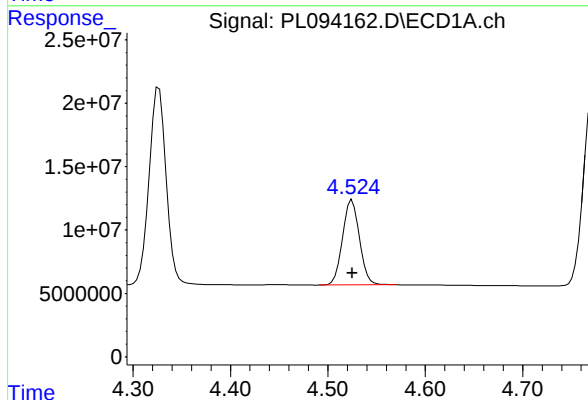
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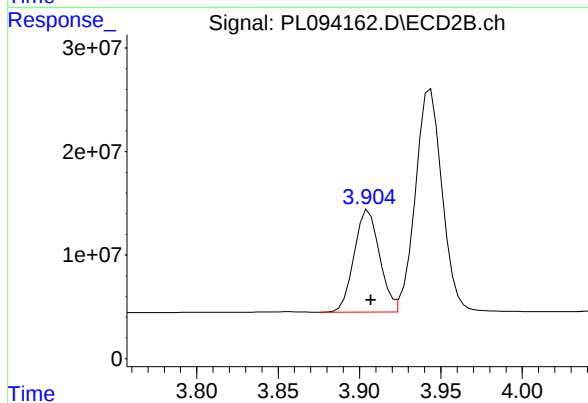
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.001 min
Response: 246793465
Conc: 54.10 ng/ml



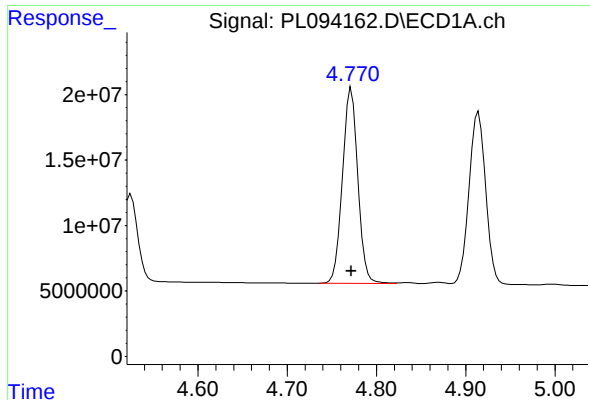
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 81254313
Conc: 50.55 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 106812373
Conc: 53.47 ng/ml



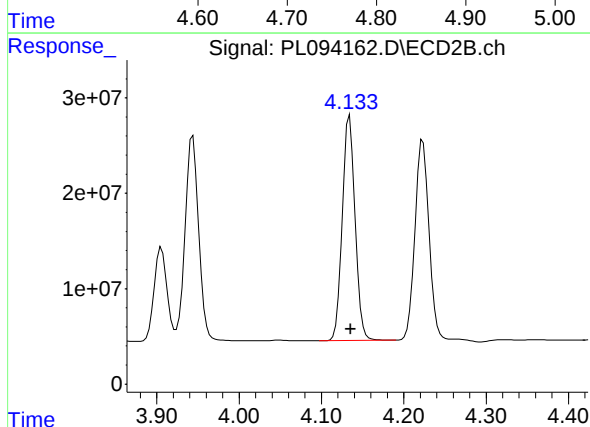
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 178622480
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

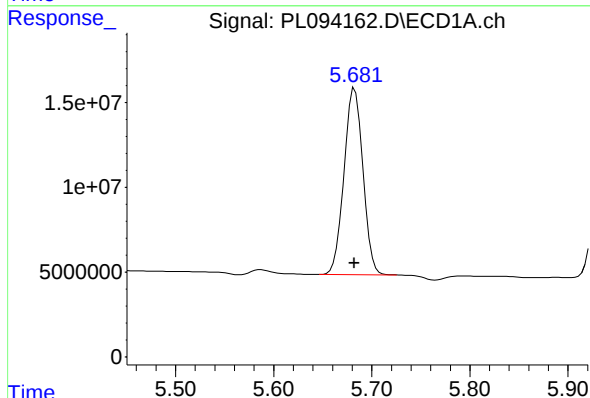
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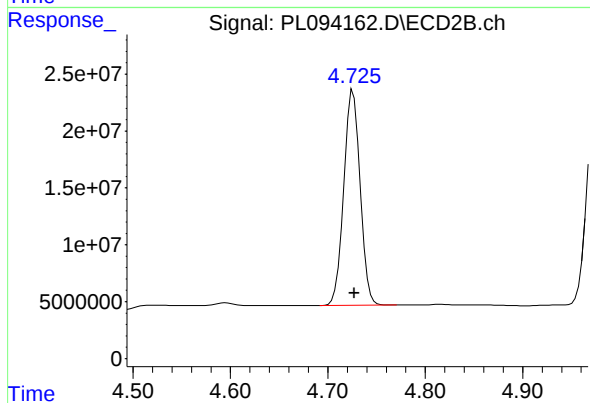
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.001 min
Response: 253947068
Conc: 53.45 ng/ml



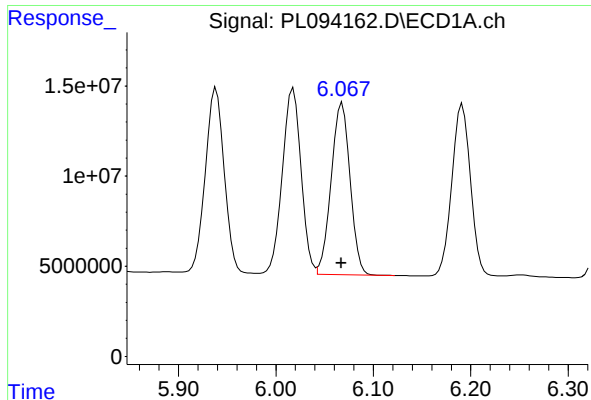
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 147882960
Conc: 49.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: -0.001 min
Response: 220662497
Conc: 52.79 ng/ml



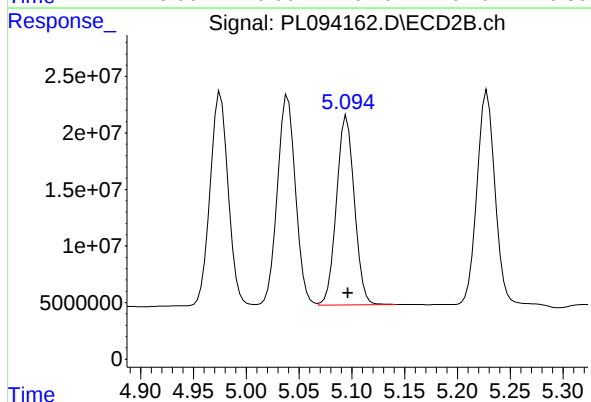
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 128101366
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

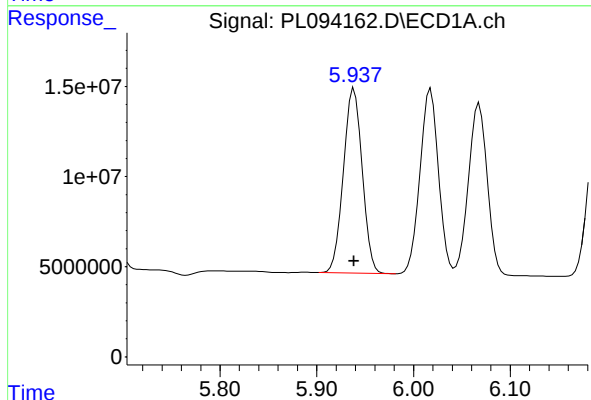
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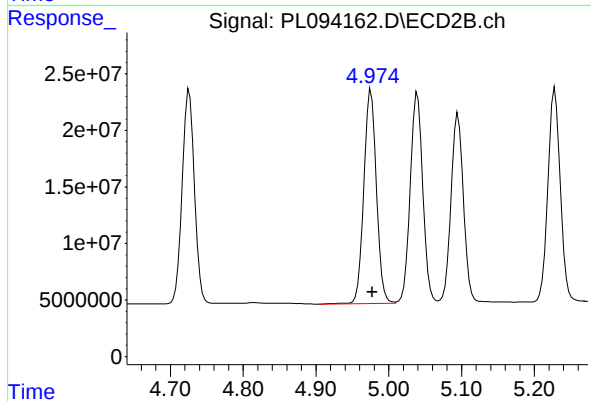
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: -0.001 min
Response: 197574092
Conc: 50.96 ng/ml



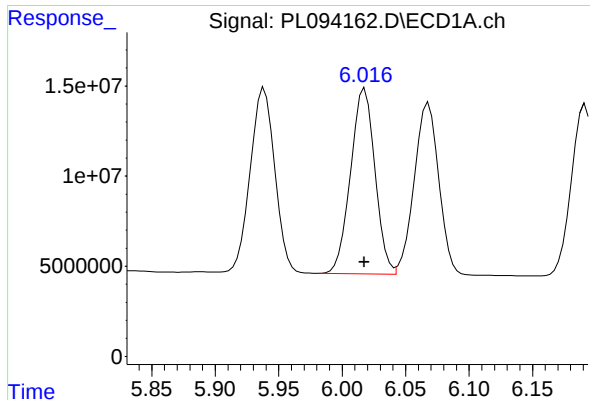
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 137628280
Conc: 49.38 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 227526713
Conc: 53.69 ng/ml



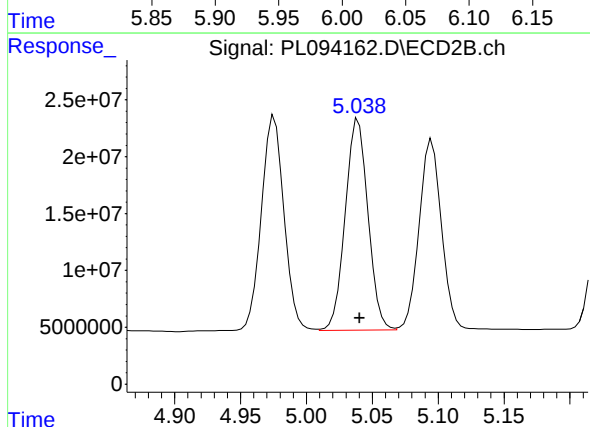
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 137516392
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

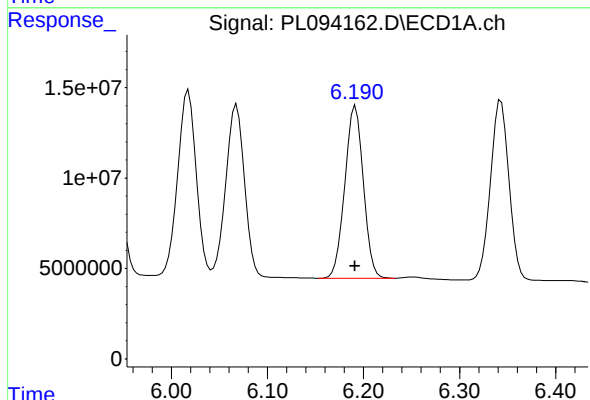
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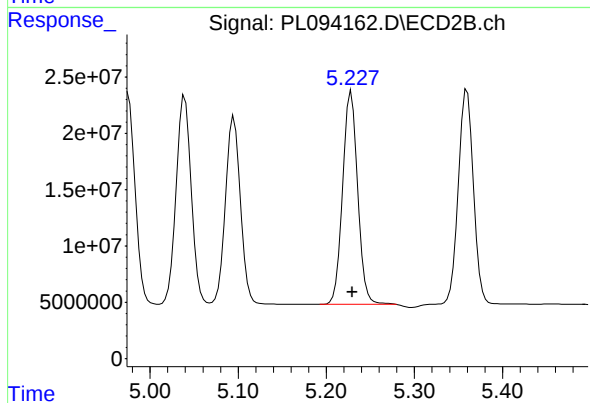
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 223225290
Conc: 53.32 ng/ml



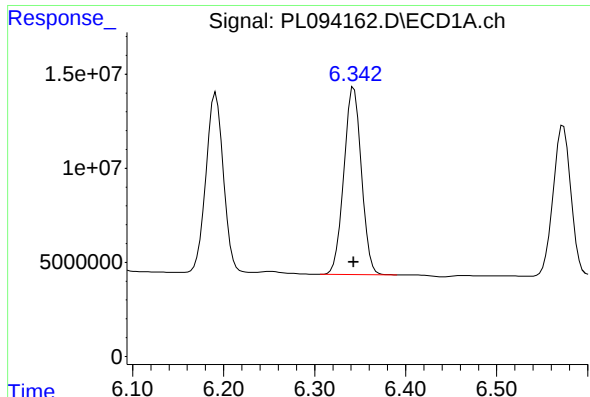
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 127013990
Conc: 52.17 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 224769290
Conc: 56.06 ng/ml



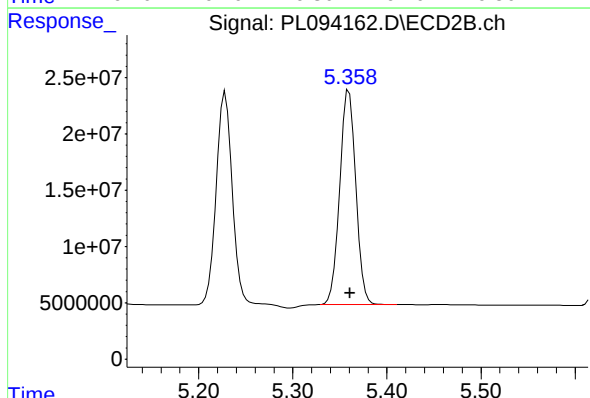
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 133559010
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

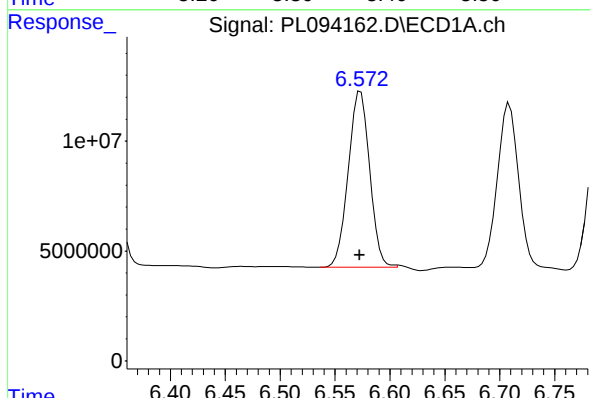
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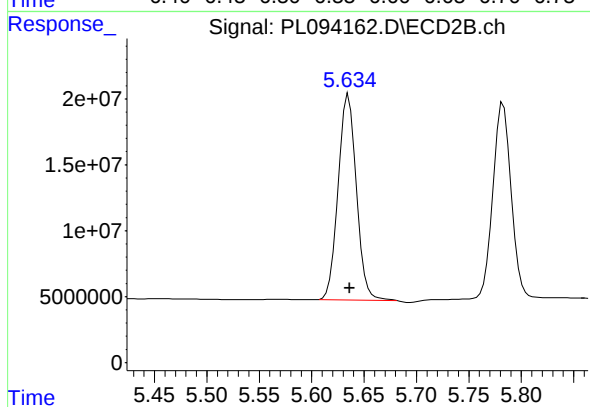
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: -0.001 min
Response: 226539920
Conc: 52.74 ng/ml



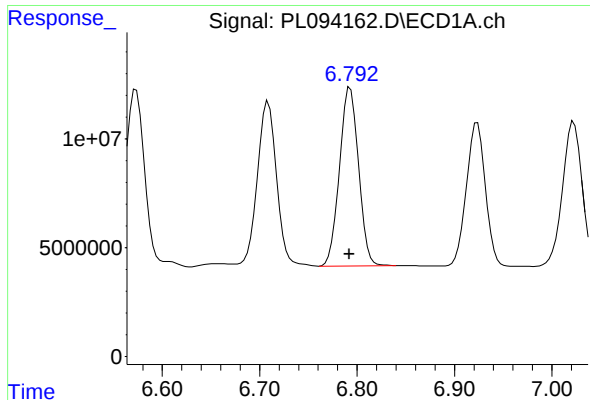
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 108862807
Conc: 46.43 ng/ml m



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.001 min
Response: 188526689
Conc: 51.05 ng/ml



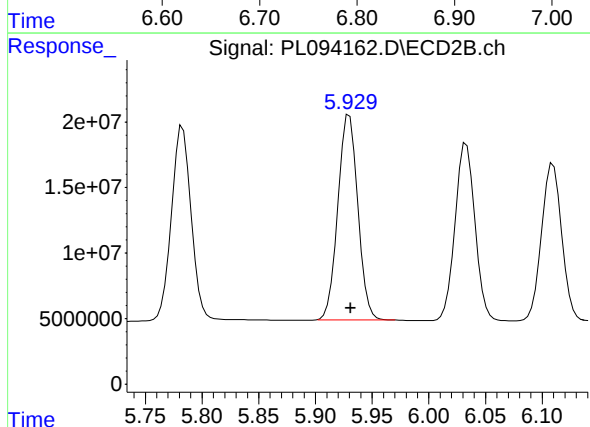
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 111494139
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

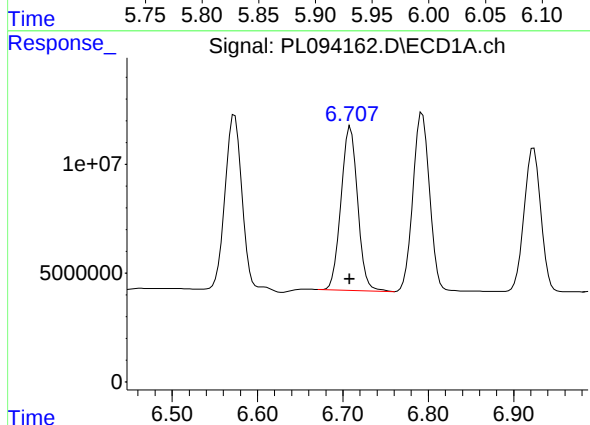
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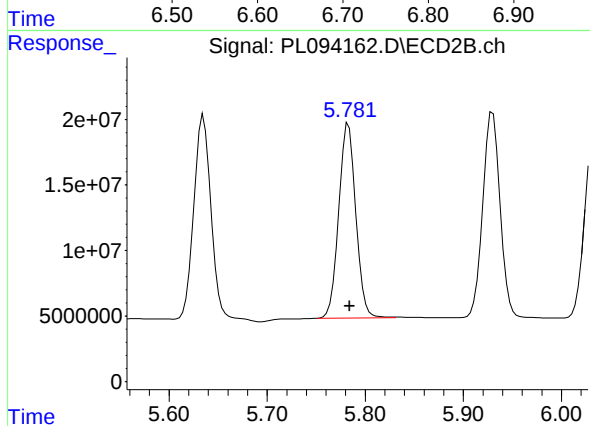
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 191510375
Conc: 51.71 ng/ml



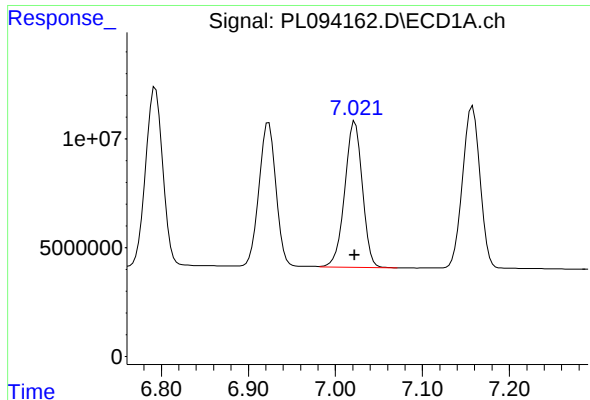
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 101973311
Conc: 53.65 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 179472399
Conc: 56.86 ng/ml



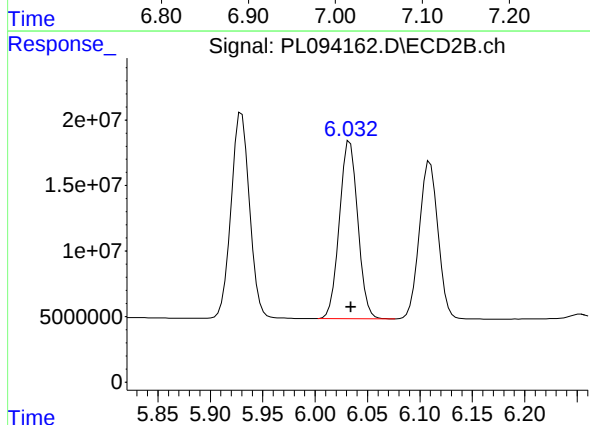
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 94877479
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

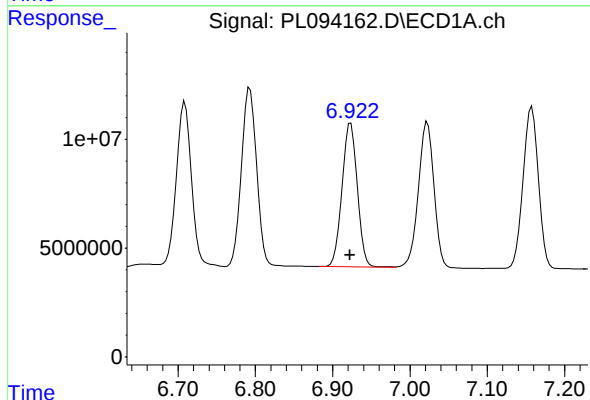
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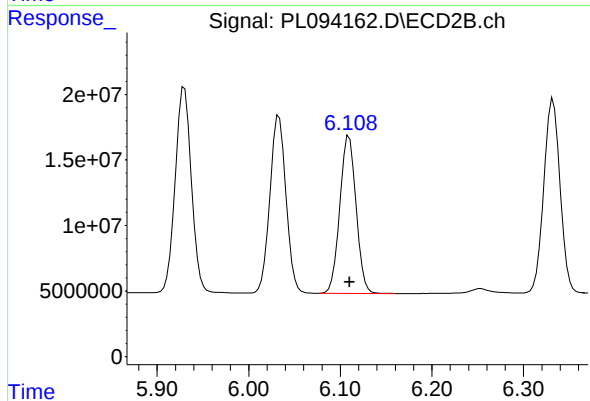
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 165882004
Conc: 50.98 ng/ml



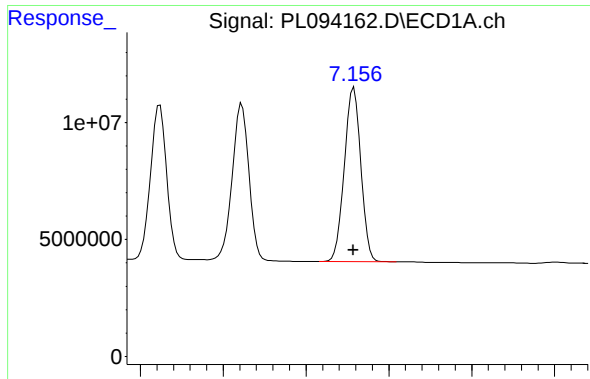
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 90205378
Conc: 46.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 148794438
Conc: 48.87 ng/ml



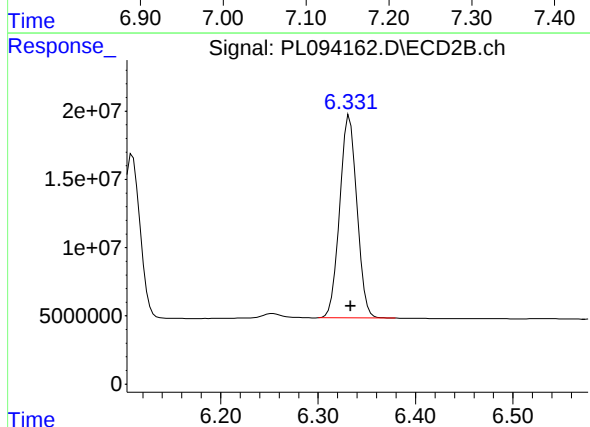
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 103112669
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

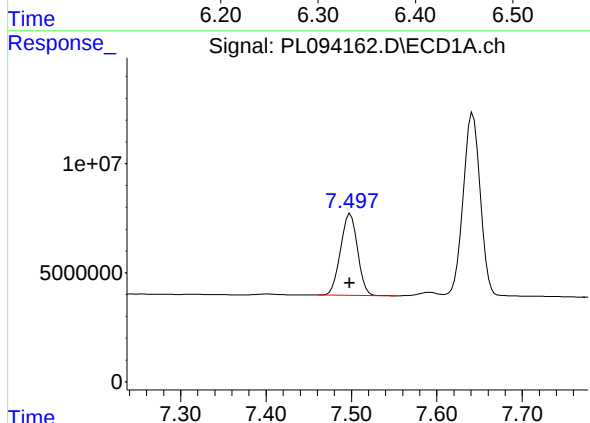
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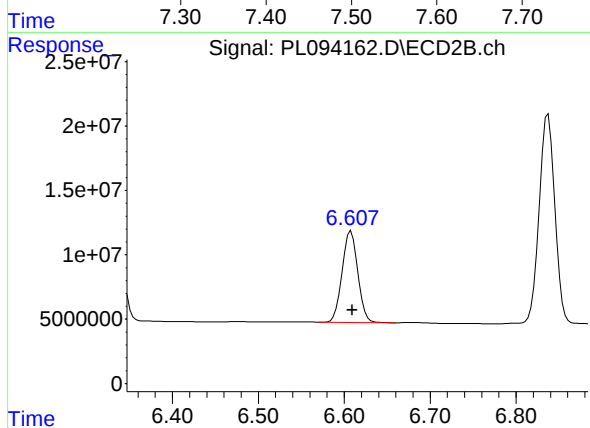
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 182172528
Conc: 51.08 ng/ml



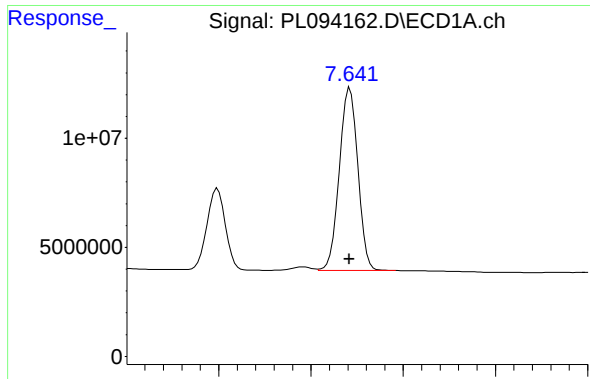
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 51625812
Conc: 49.48 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 89782624
Conc: 50.21 ng/ml



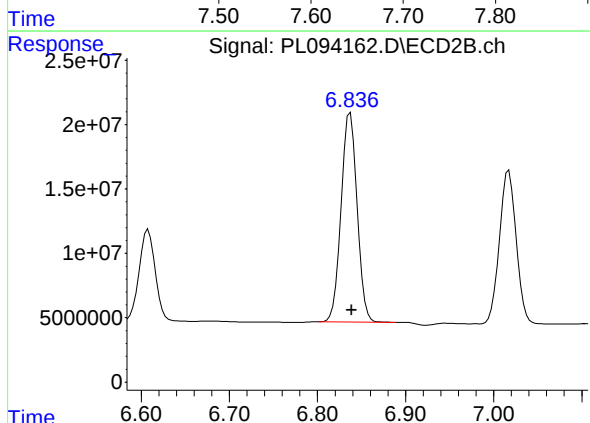
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 116815372
Conc: 46.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

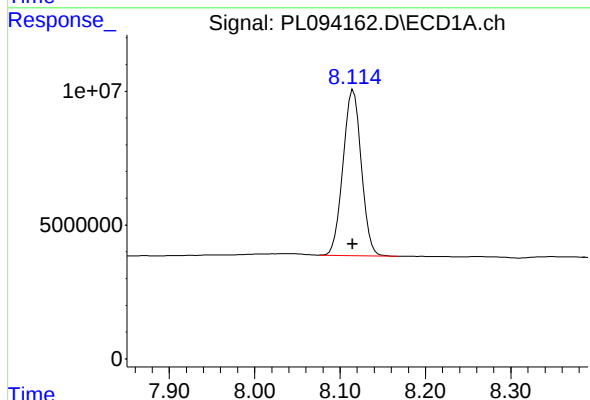
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



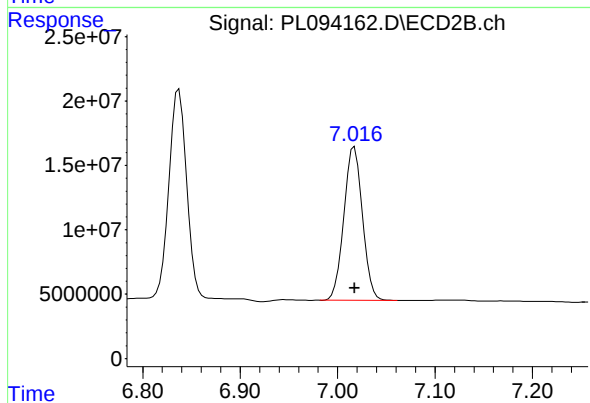
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 204793831
Conc: 48.82 ng/ml



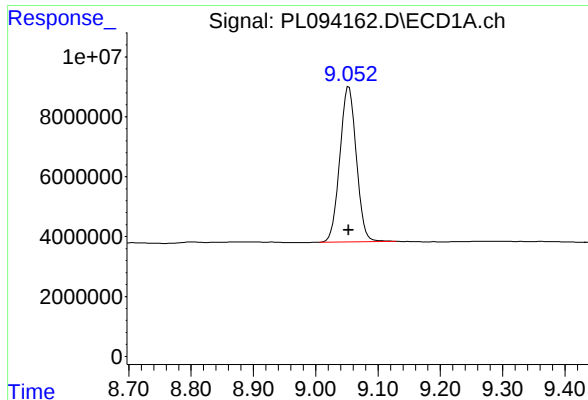
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 92182740
Conc: 44.27 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 157907594
Conc: 46.69 ng/ml



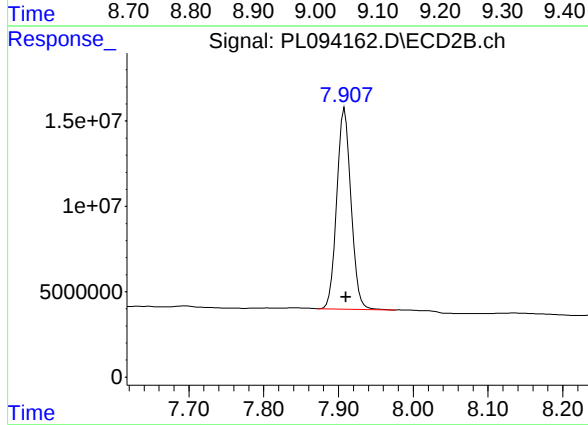
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 95339953
Conc: 45.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/13/2025



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.001 min
Response: 156007004
Conc: 44.52 ng/ml