

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
 Data File : PL094418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 10:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

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 22:11:26 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...	3.544	2.771	132.0E6	167.8E6	51.980	52.572
28)	SA Decachlor...	9.063	7.909	103.5E6	185.3E6	48.667	48.173
Target Compounds							
2)	A alpha-BHC	3.999	3.273	195.2E6	255.2E6	51.616	51.931
3)	MA gamma-BHC...	4.332	3.603	190.4E6	247.1E6	51.528	52.459
4)	MA Heptachlor	4.920	3.942	177.7E6	239.5E6	52.427	50.737
5)	MB Aldrin	5.262	4.221	178.0E6	239.0E6	51.861	51.737
6)	B beta-BHC	4.531	3.904	81342494	102.5E6	50.938	51.554
7)	B delta-BHC	4.777	4.133	186.3E6	249.2E6	52.664m	52.623
8)	B Heptachlo...	5.689	4.724	157.3E6	219.8E6	52.186	51.662
9)	A Endosulfan I	6.074	5.094	138.3E6	205.0E6	50.314	51.419
10)	B gamma-Chl...	5.945	4.974	148.8E6	225.4E6	50.668	51.942
11)	B alpha-Chl...	6.024	5.037	148.2E6	223.0E6	51.145	51.655
12)	B 4,4'-DDE	6.198	5.227	138.9E6	223.7E6	53.189	53.274
13)	MA Dieldrin	6.349	5.358	145.7E6	227.0E6	51.134	51.800
14)	MA Endrin	6.580	5.634	124.9E6	203.7E6	48.927	59.838
15)	B Endosulfa...	6.800	5.929	122.7E6	202.7E6	48.738	54.196
16)	A 4,4'-DDD	6.715	5.782	106.8E6	185.2E6	57.715	58.147
17)	MA 4,4'-DDT	7.029	6.032	112.8E6	195.5E6	53.715	54.973
18)	B Endrin al...	6.930	6.108	99559100	163.5E6	51.140	51.732
19)	B Endosulfa...	7.164	6.332	112.7E6	189.2E6	49.799	51.227
20)	A Methoxychlor	7.506	6.608	60030996	103.1E6	54.031	52.824
21)	B Endrin ke...	7.649	6.838	127.8E6	227.3E6	50.961	53.267
22)	Mirex	8.122	7.017	98440143	179.5E6	47.710	51.485

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
Data File : PL094418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 10:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

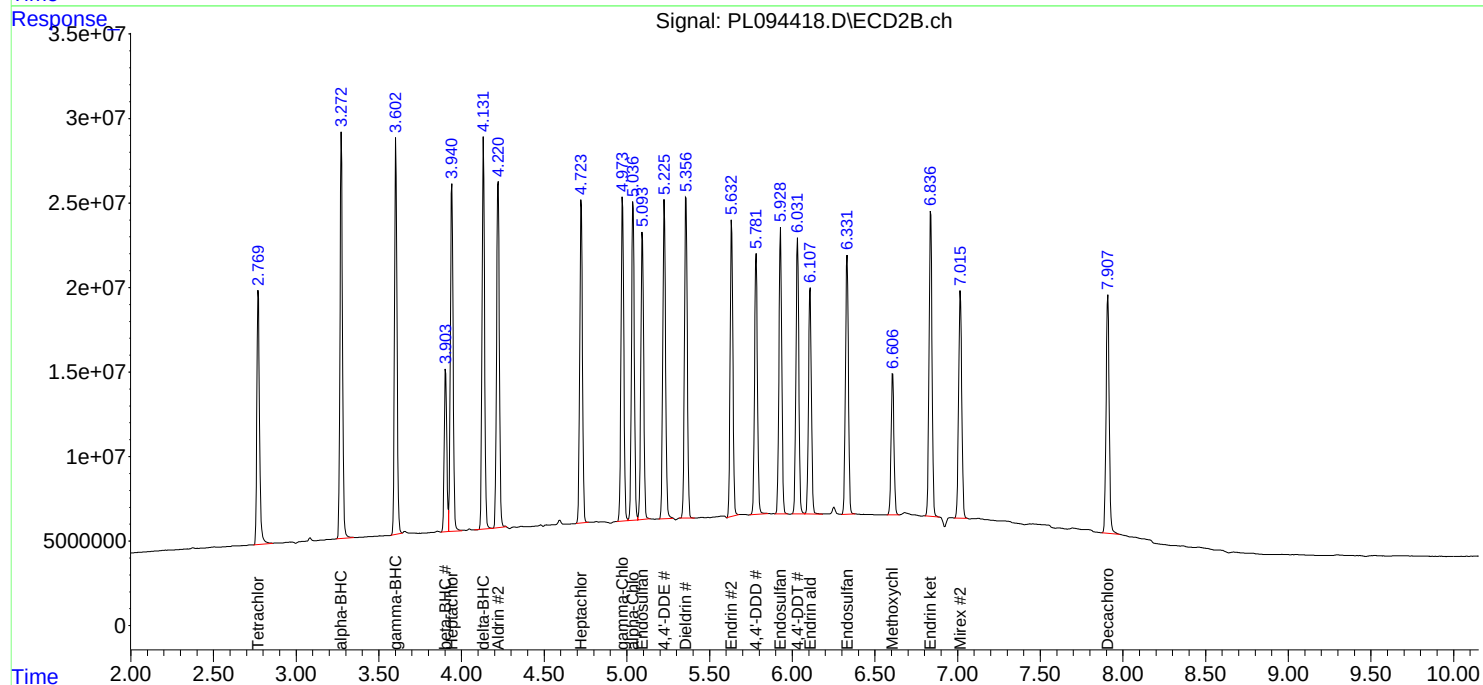
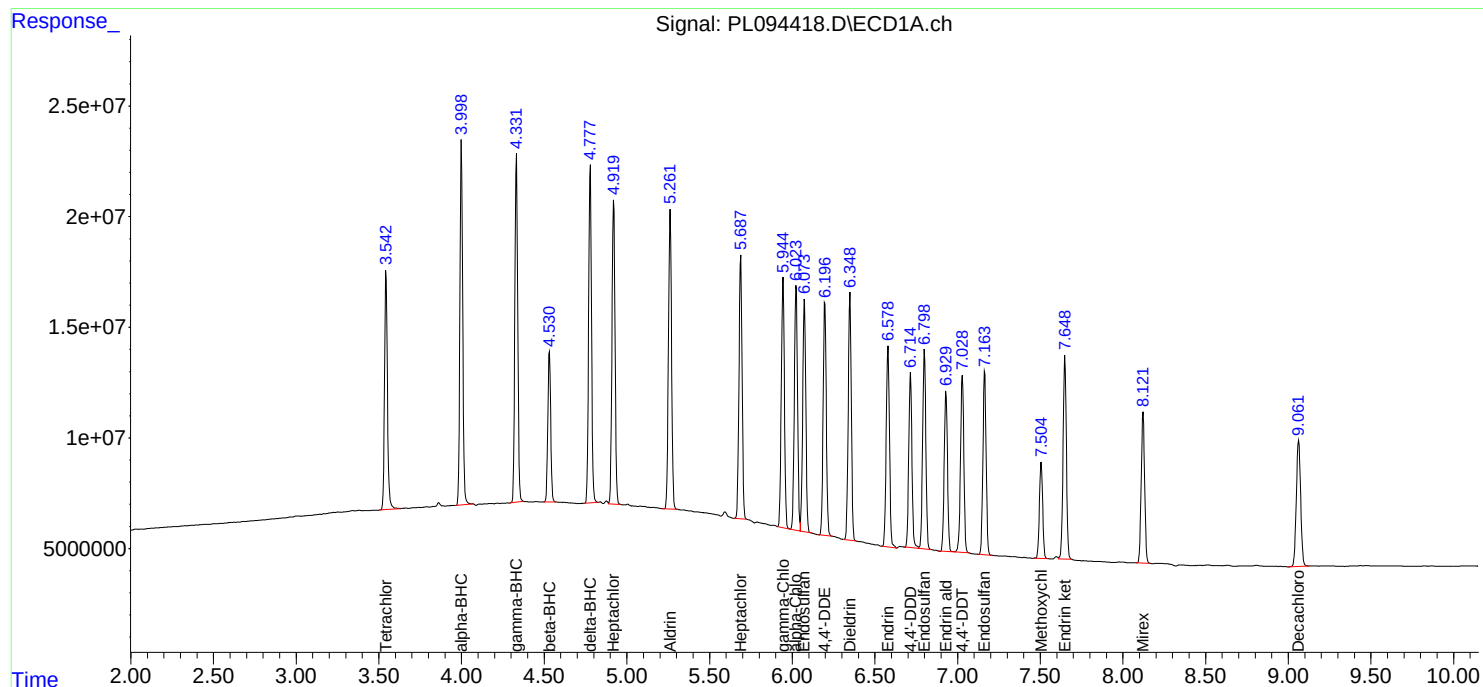
APPROVED

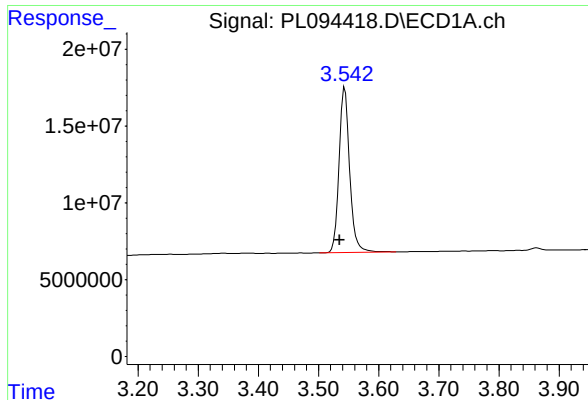
Reviewed By :Abdul Mirza 03/02/2025

Supervised By :Sohil Jodhani 03/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 22:11:26 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





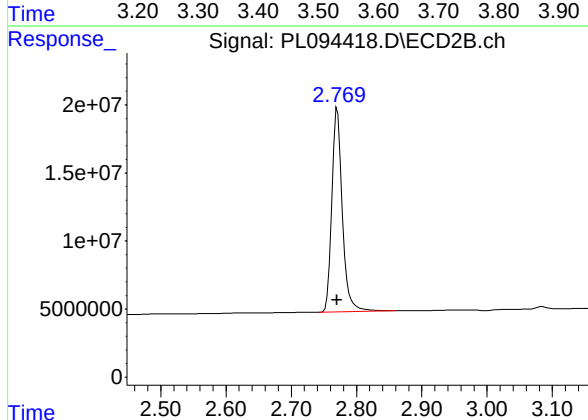
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.009 min
Response: 131982278
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

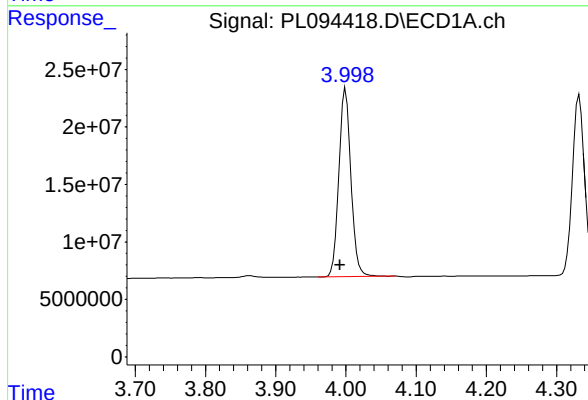
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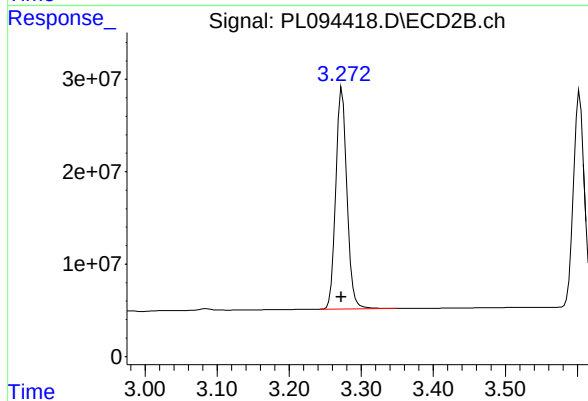
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 167767707
Conc: 52.57 ng/ml



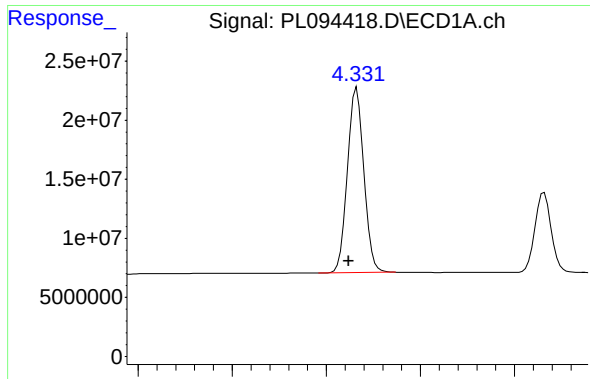
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.008 min
Response: 195245127
Conc: 51.62 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.001 min
Response: 255227463
Conc: 51.93 ng/ml



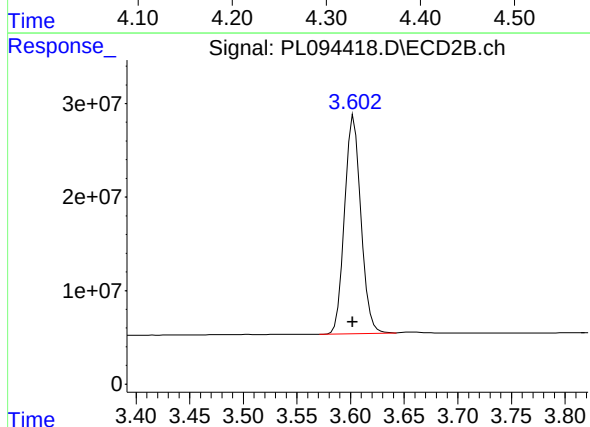
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.009 min
Response: 190383157
Conc: 51.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

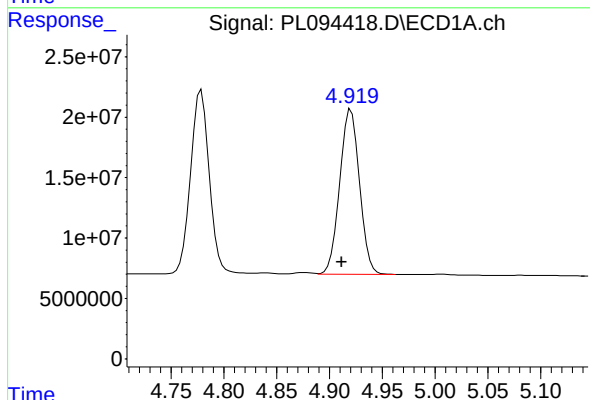
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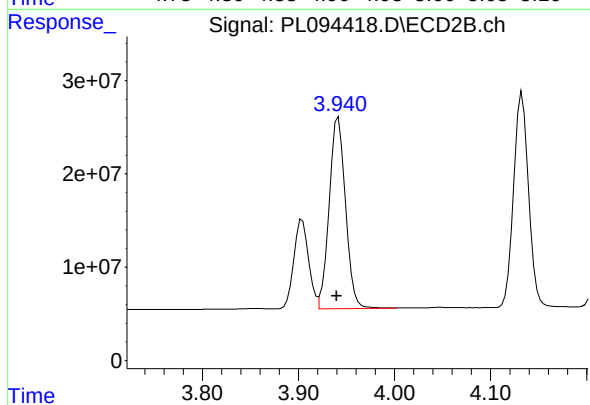
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 247079347
Conc: 52.46 ng/ml



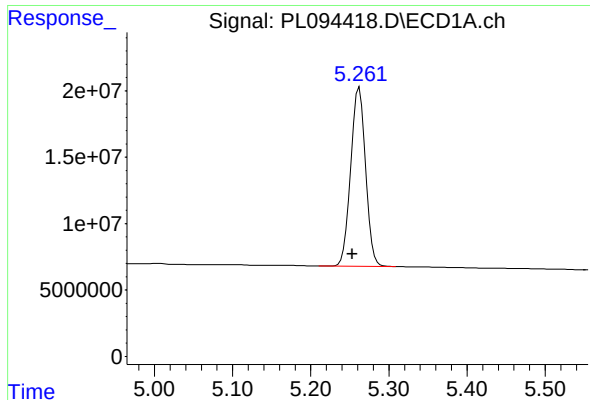
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.009 min
Response: 177747495
Conc: 52.43 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 239494724
Conc: 50.74 ng/ml



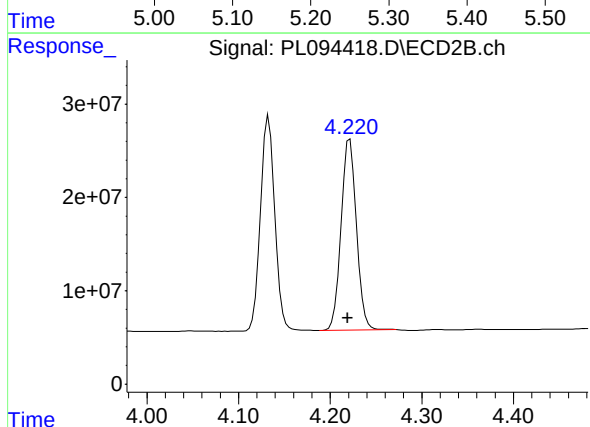
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.009 min
Response: 177974452
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

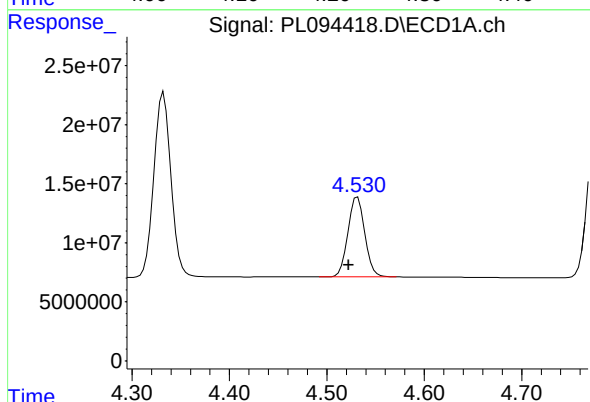
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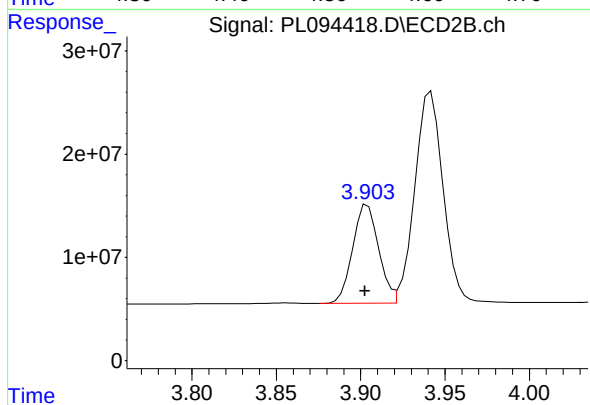
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 239046294
Conc: 51.74 ng/ml



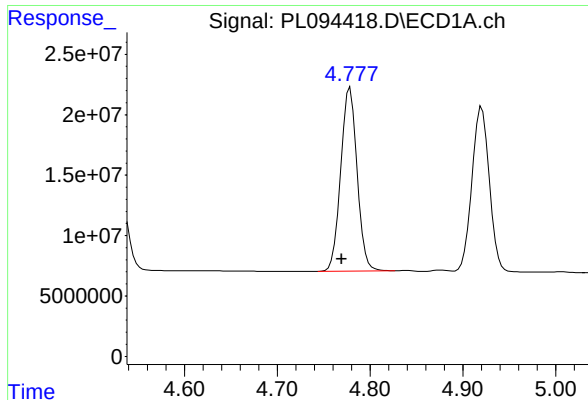
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.009 min
Response: 81342494
Conc: 50.94 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 102537099
Conc: 51.55 ng/ml



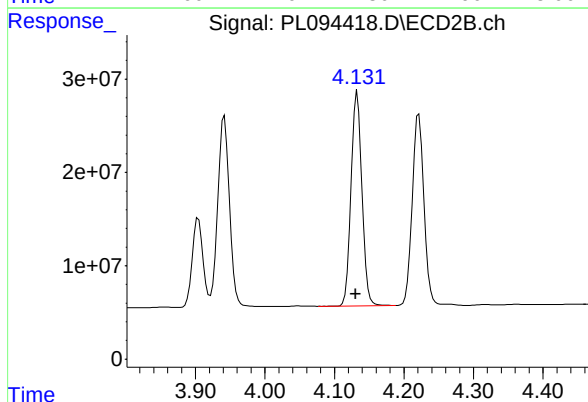
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.008 min
Response: 186338549
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

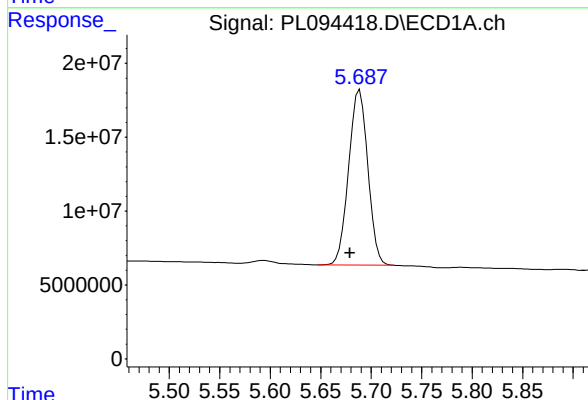
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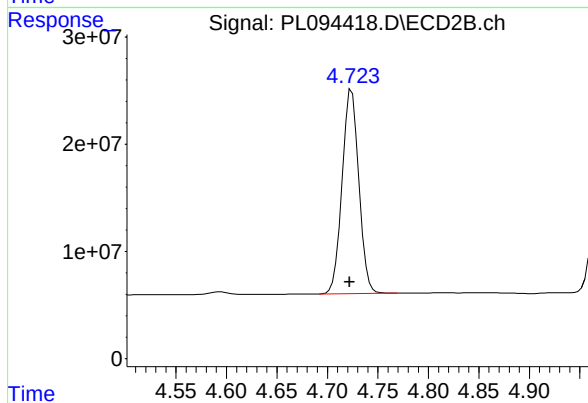
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.002 min
Response: 249205344
Conc: 52.62 ng/ml



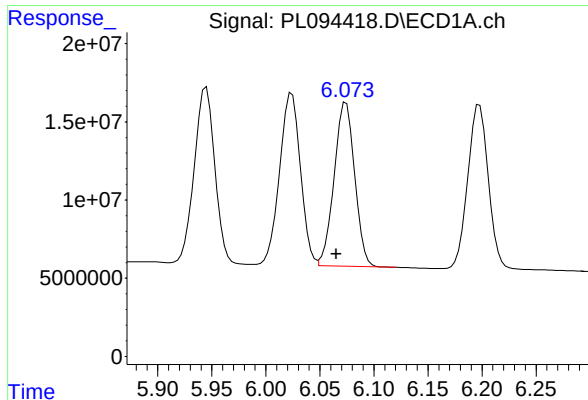
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.009 min
Response: 157255446
Conc: 52.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 219841998
Conc: 51.66 ng/ml



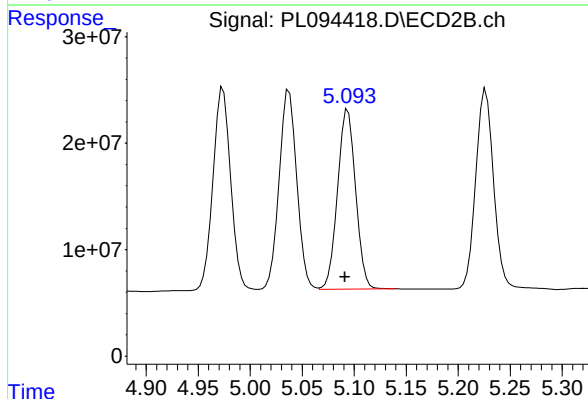
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.009 min
Response: 138293462
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

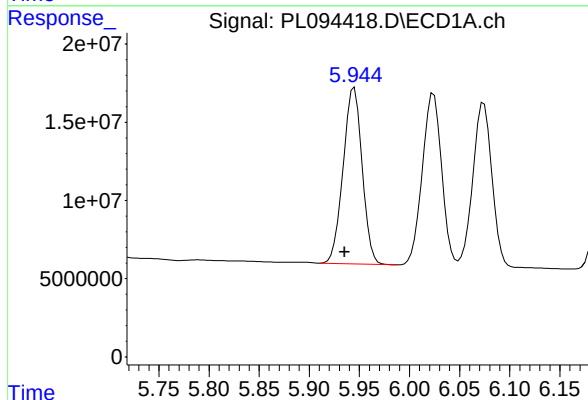
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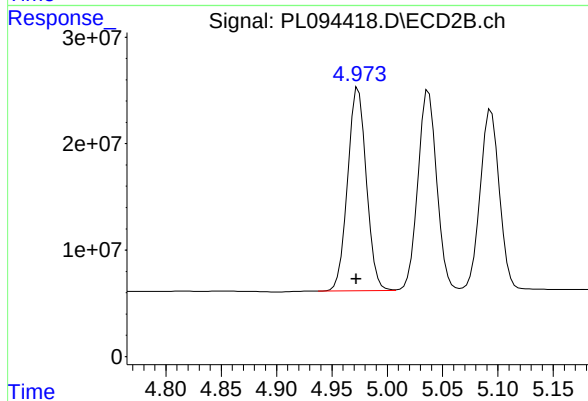
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 204985230
Conc: 51.42 ng/ml



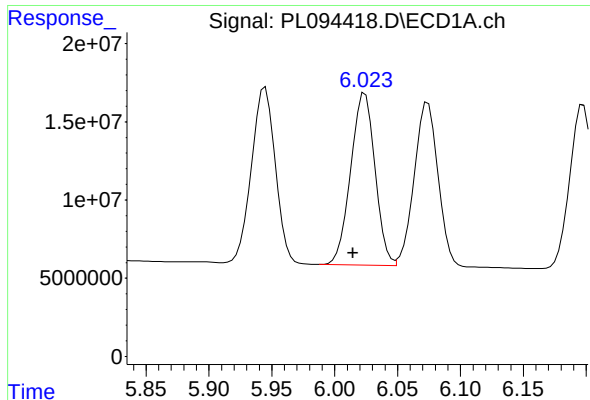
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.010 min
Response: 148769357
Conc: 50.67 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 225368621
Conc: 51.94 ng/ml



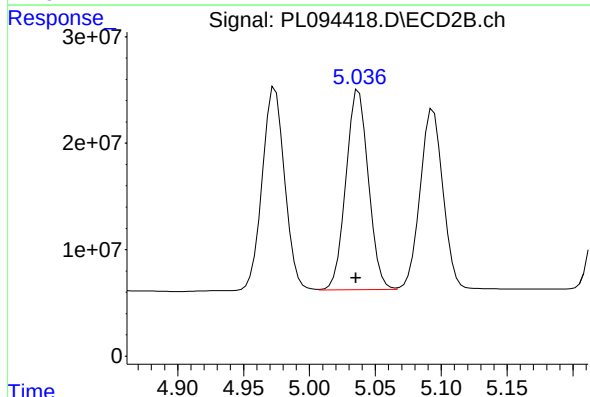
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.010 min
Response: 148171135
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

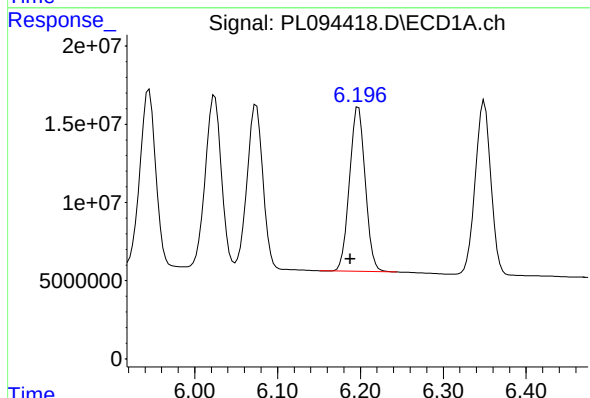
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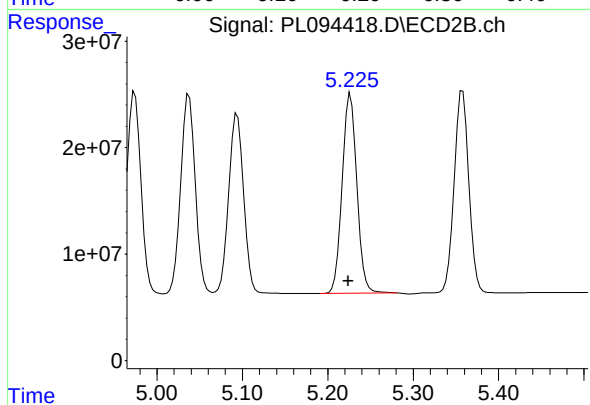
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 223026081
Conc: 51.66 ng/ml



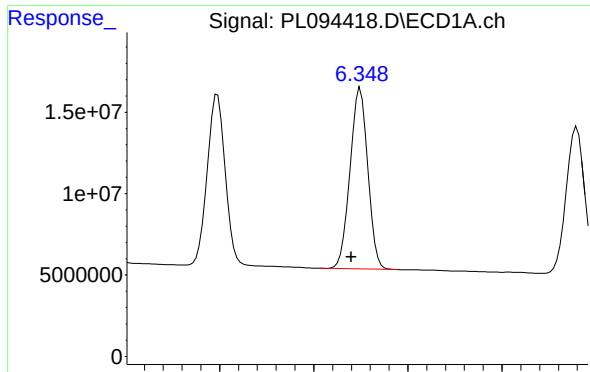
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.010 min
Response: 138913603
Conc: 53.19 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.003 min
Response: 223749090
Conc: 53.27 ng/ml



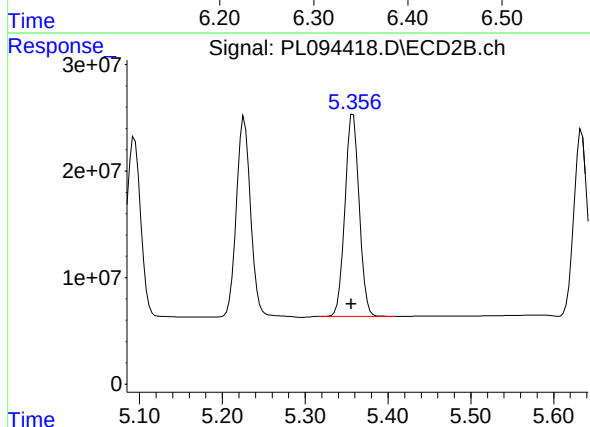
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.009 min
Response: 145681000
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

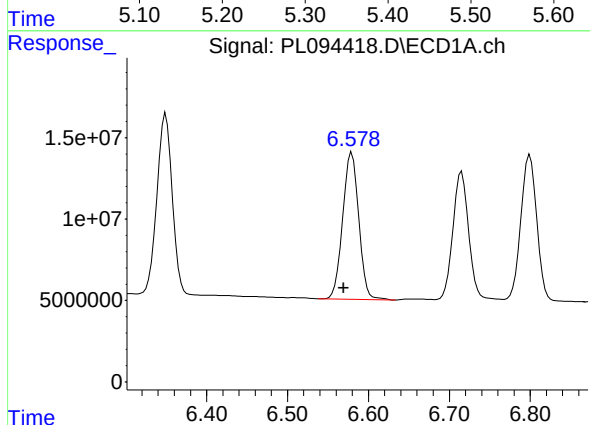
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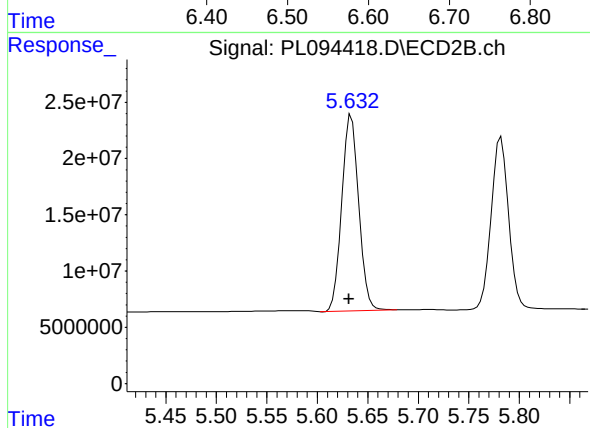
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.002 min
Response: 226976490
Conc: 51.80 ng/ml



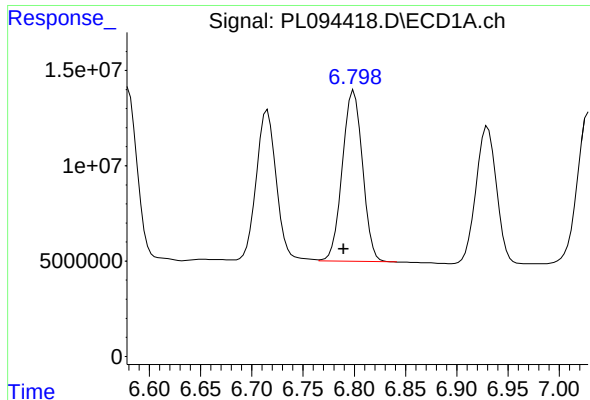
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.010 min
Response: 124875700
Conc: 48.93 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 203729776
Conc: 59.84 ng/ml



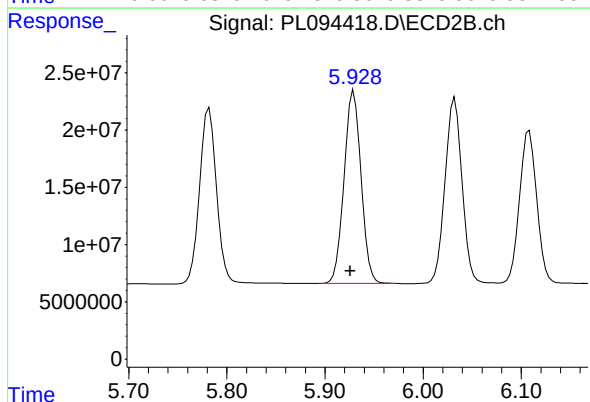
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.010 min
Response: 122684884
Conc: 48.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

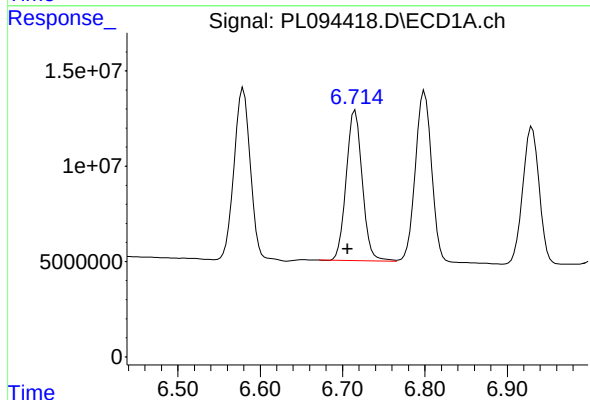
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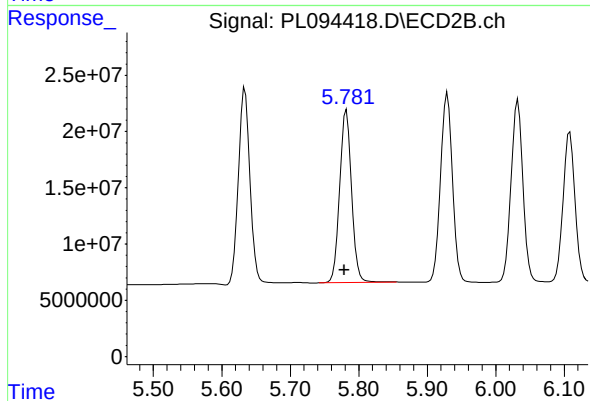
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.003 min
Response: 202667806
Conc: 54.20 ng/ml



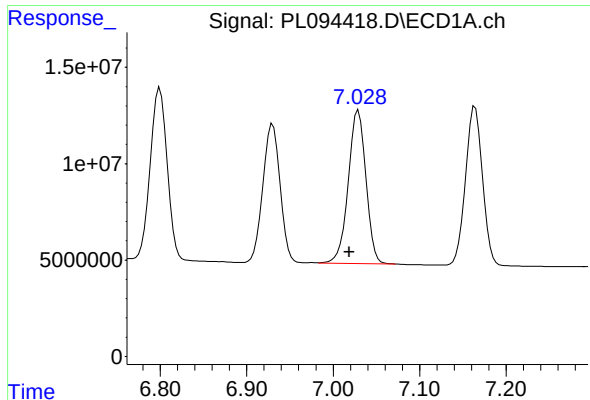
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.009 min
Response: 106757908
Conc: 57.71 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 185216764
Conc: 58.15 ng/ml



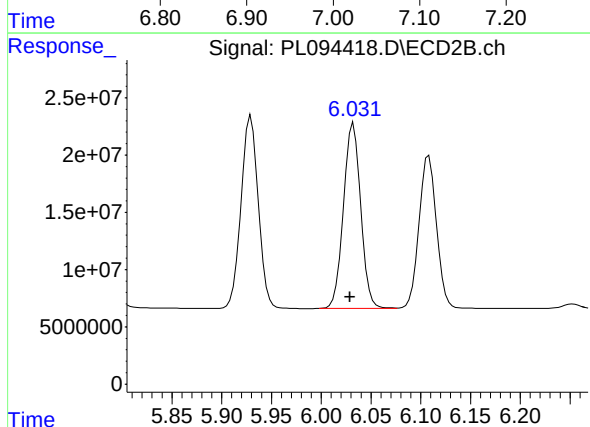
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.010 min
Response: 112803920
Conc: 53.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

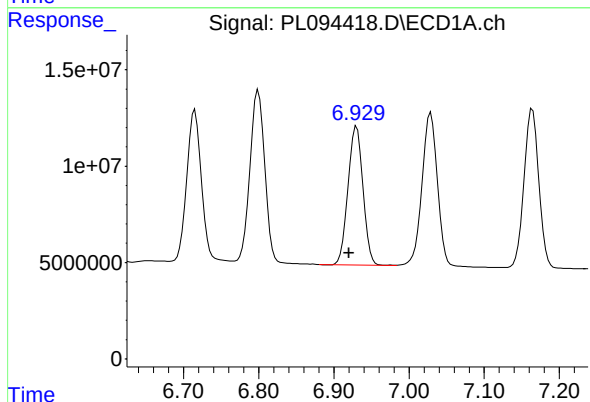
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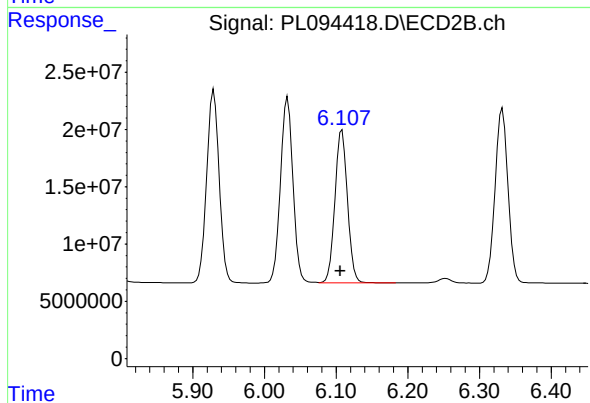
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 195540364
Conc: 54.97 ng/ml



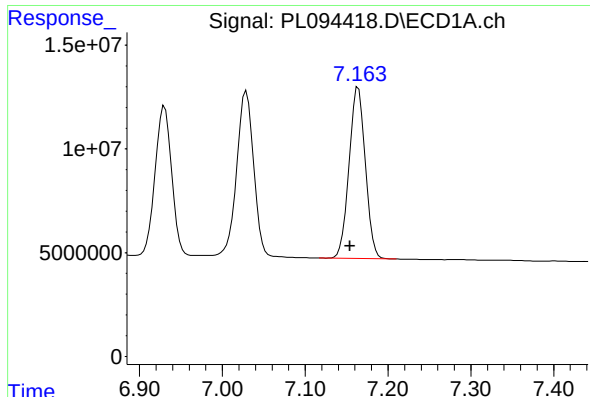
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.010 min
Response: 99559100
Conc: 51.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 163494956
Conc: 51.73 ng/ml



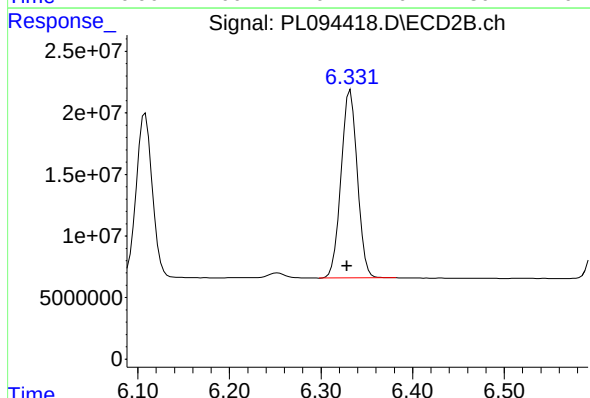
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.010 min
Response: 112736870
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

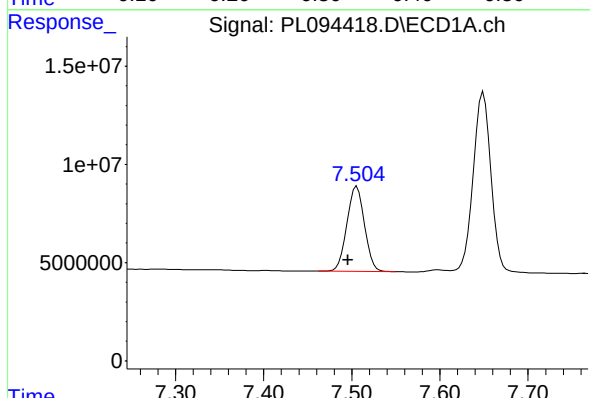
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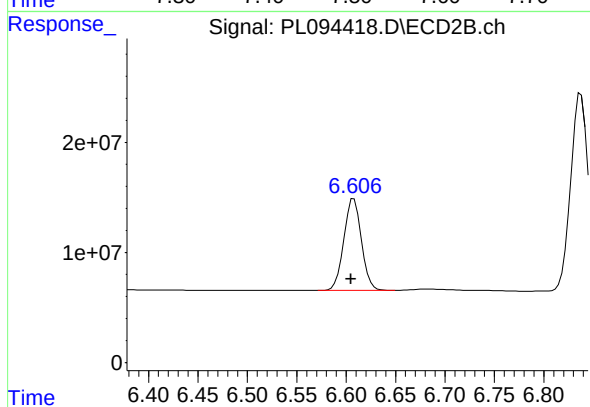
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: 0.004 min
Response: 189214640
Conc: 51.23 ng/ml



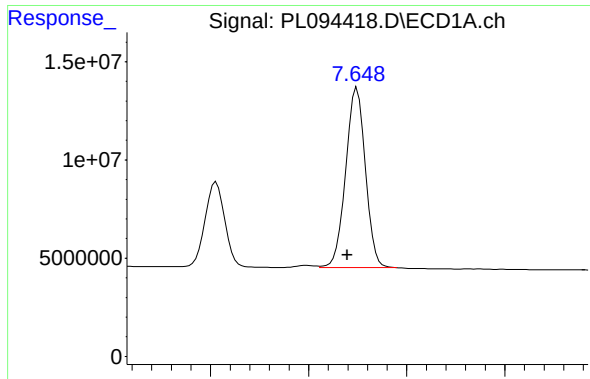
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.010 min
Response: 60030996
Conc: 54.03 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.003 min
Response: 103060493
Conc: 52.82 ng/ml



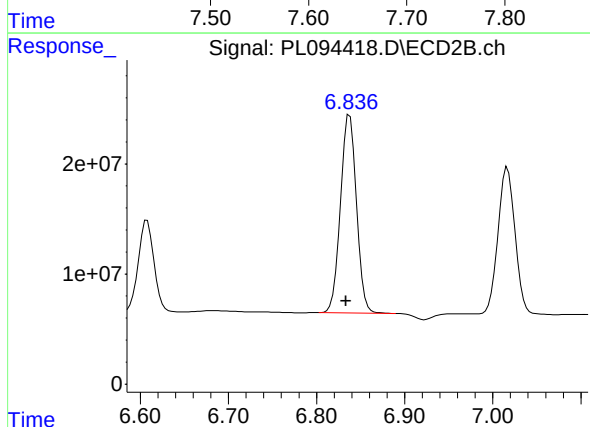
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.010 min
Response: 127755076
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

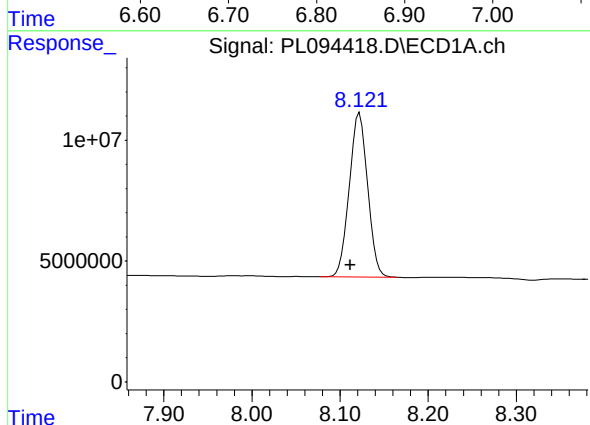
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Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



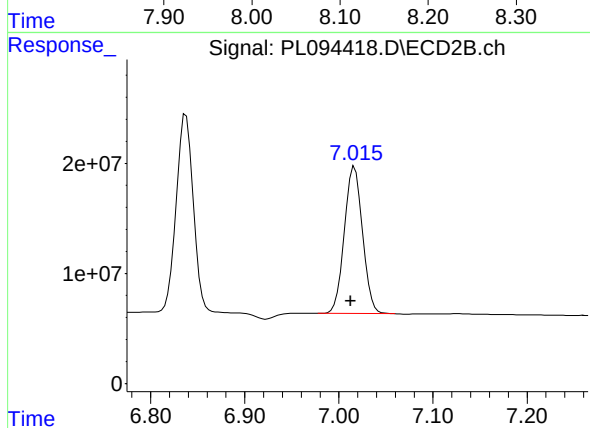
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.004 min
Response: 227316733
Conc: 53.27 ng/ml



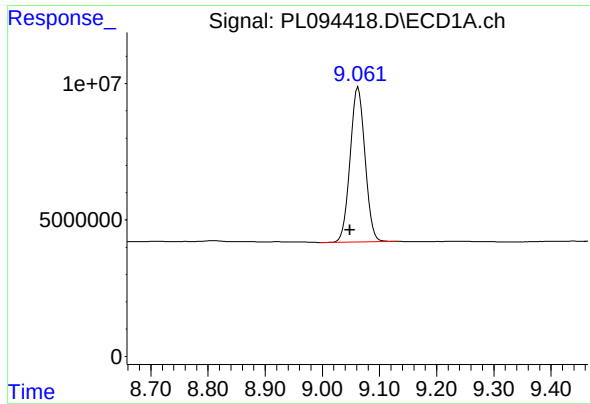
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.011 min
Response: 98440143
Conc: 47.71 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.004 min
Response: 179531566
Conc: 51.49 ng/ml



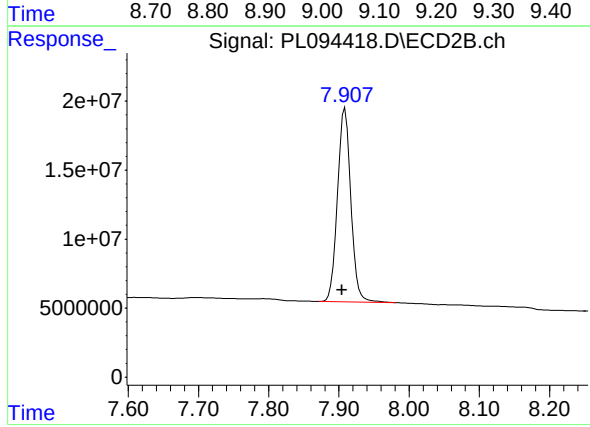
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.014 min
Response: 103527702
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: 0.004 min
Response: 185254623
Conc: 48.17 ng/ml