

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100324\
 Data File : PL092171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2024 15:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/02/2024
 Supervised By :Ankita Jodhani 10/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 04:14:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.543	2.781	119.9E6	141.0E6	53.886	56.204
28) SA Decachlor...	9.061	7.922	84525881	134.4E6	51.596	53.705
Target Compounds						
2) A alpha-BHC	3.999	3.284	167.6E6	210.9E6	54.121	57.896
3) MA gamma-BHC...	4.332	3.614	164.9E6	202.1E6	53.223	57.238
4) MA Heptachlor	4.921	3.954	145.7E6	194.2E6	52.694	56.286
5) MB Aldrin	5.262	4.234	143.8E6	193.8E6	51.774	56.985
6) B beta-BHC	4.529	3.914	70164527	83064689	52.899	55.262
7) B delta-BHC	4.776	4.143	153.9E6	200.0E6	53.365	57.616
8) B Heptachlo...	5.688	4.737	130.1E6	169.5E6	51.131	56.058
9) A Endosulfan I	6.074	5.106	118.0E6	154.1E6	50.988	56.157
10) B gamma-Chl...	5.945	4.986	126.3E6	169.5E6	51.102	56.334
11) B alpha-Chl...	6.024	5.050	125.4E6	167.3E6	50.912	55.875
12) B 4,4'-DDE	6.197	5.239	112.2E6	158.9E6	51.835	57.189
13) MA Dieldrin	6.349	5.371	124.4E6	165.4E6	50.993	56.411
14) MA Endrin	6.579	5.647	103.0E6	142.7E6	49.989	54.430
15) B Endosulfa...	6.798	5.941	109.8E6	139.2E6	49.937	55.611
16) A 4,4'-DDD	6.714	5.794	92335770	123.4E6	51.420	57.770
17) MA 4,4'-DDT	7.028	6.045	94743966	129.3E6	51.458	55.908
18) B Endrin al...	6.929	6.120	87930541	112.1E6	50.455	54.939
19) B Endosulfa...	7.163	6.343	100.4E6	132.7E6	50.666	54.988
20) A Methoxychlor	7.504	6.620	51635608	68704792	52.598	54.949
21) B Endrin ke...	7.648	6.848	112.6E6	155.3E6	51.251	56.103m
22) Mirex	8.121	7.030	88870658	126.6E6	49.345	52.030

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

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Acq On : 01 Oct 2024 15:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

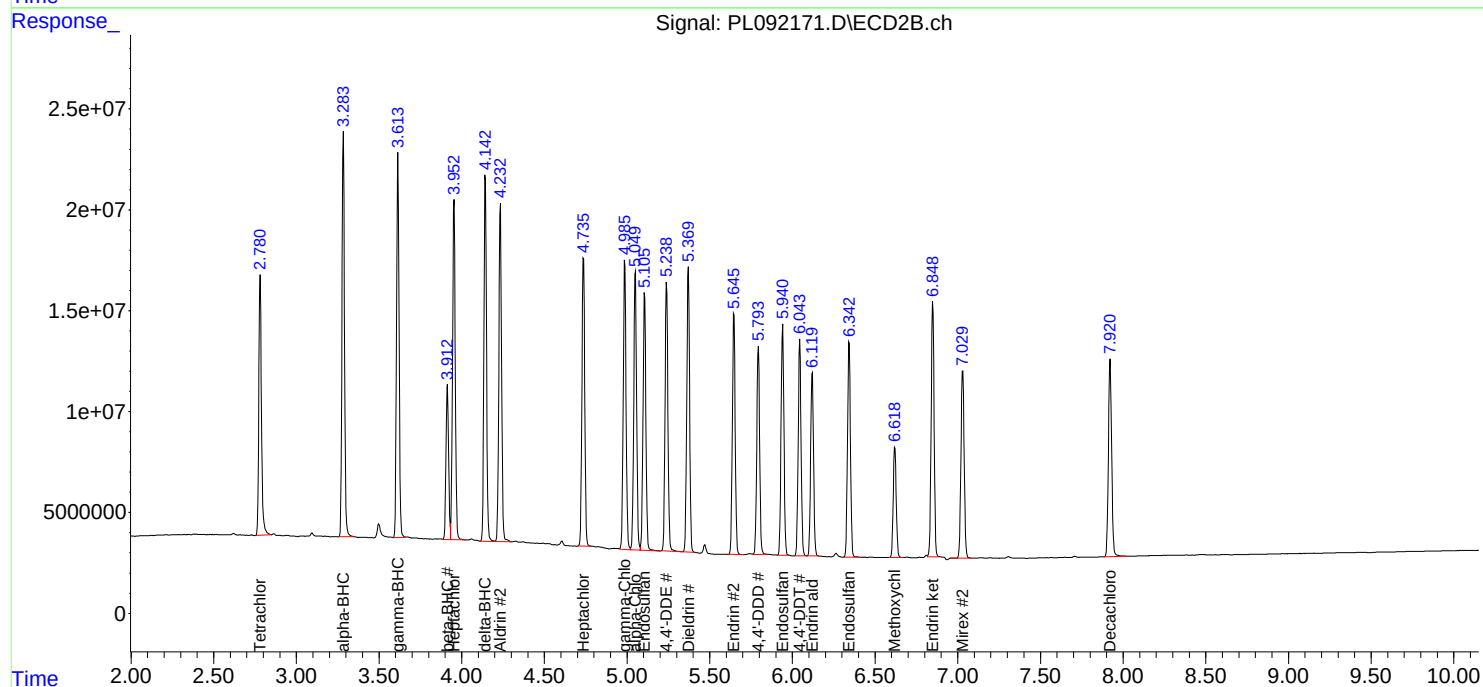
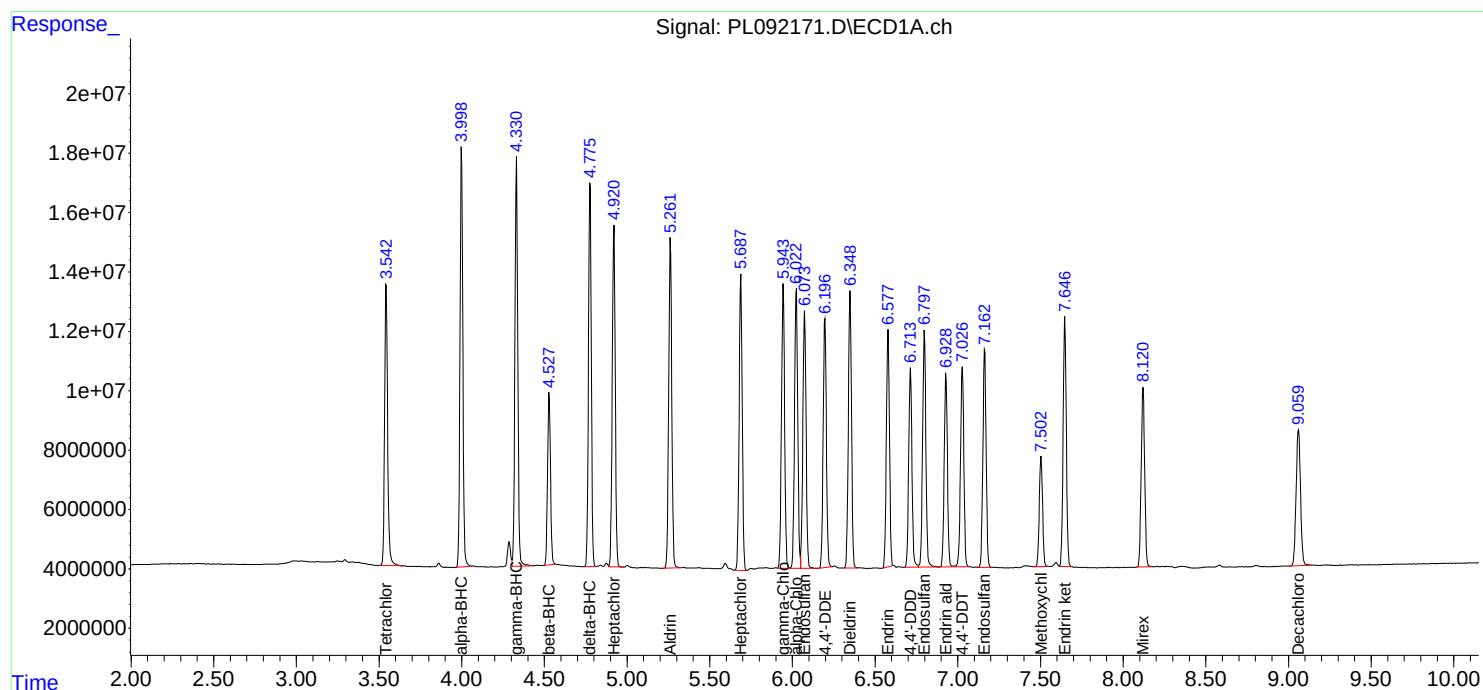
APPROVED

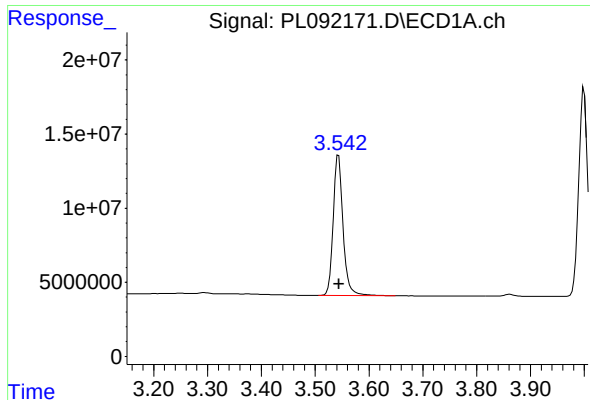
Reviewed By :Abdul Mirza 10/02/2024

Supervised By :Ankita Jodhani 10/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 02 04:14:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





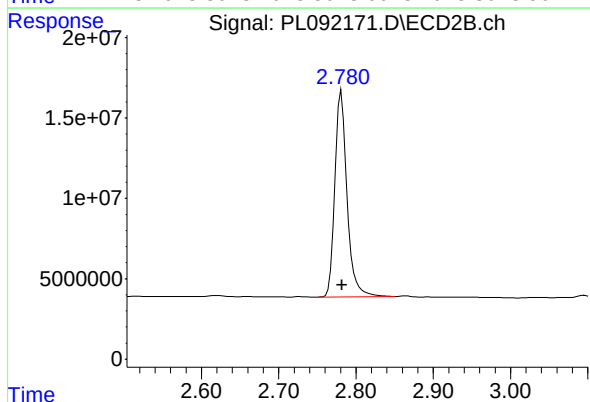
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 119878167
Conc: 53.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

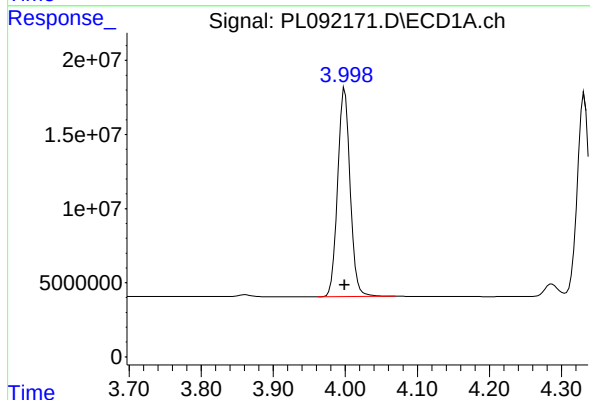
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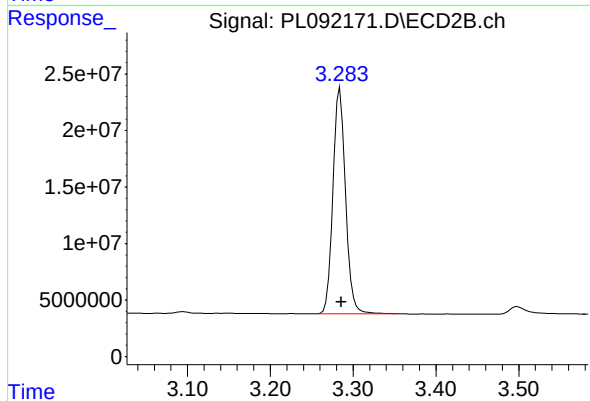
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 140964856
Conc: 56.20 ng/ml



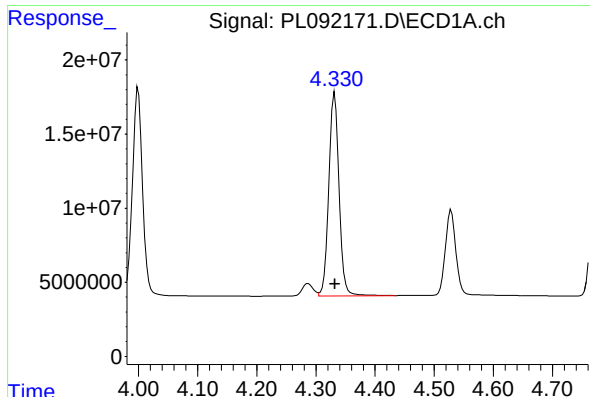
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 167586259
Conc: 54.12 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.001 min
Response: 210934933
Conc: 57.90 ng/ml



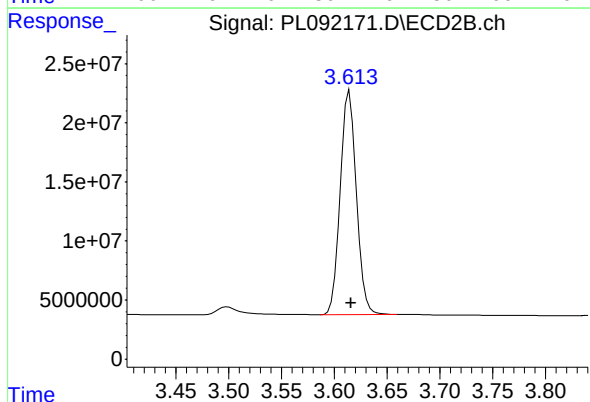
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 164929114
Conc: 53.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

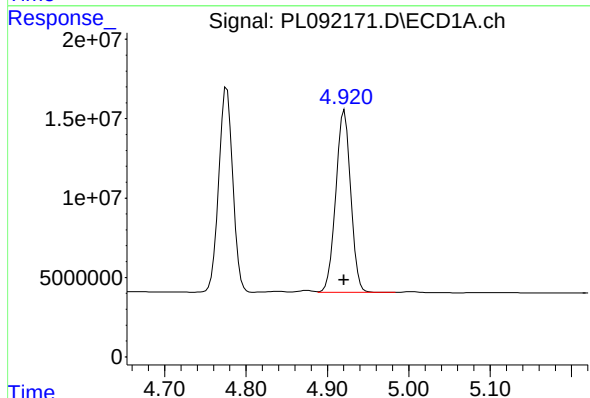
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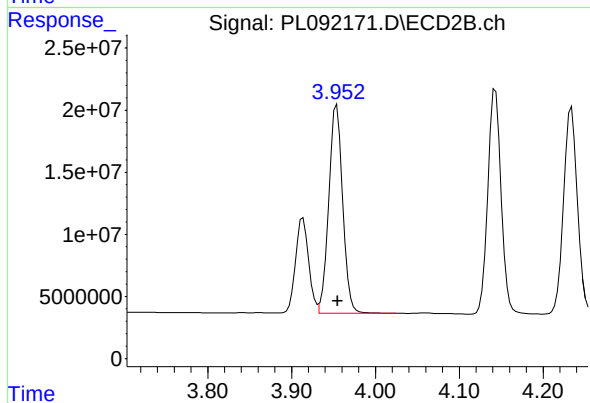
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 202107310
Conc: 57.24 ng/ml



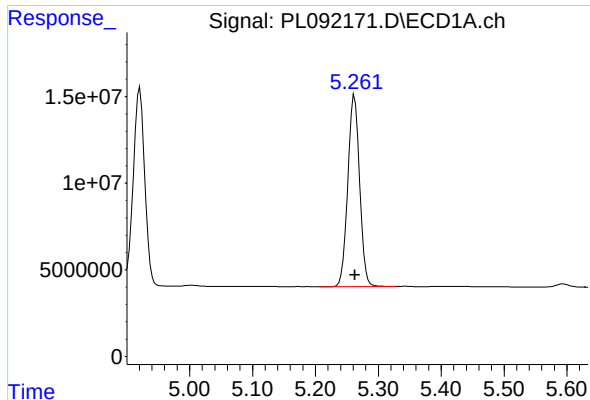
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 145723894
Conc: 52.69 ng/ml



#4 Heptachlor

R.T.: 3.954 min
Delta R.T.: -0.001 min
Response: 194220396
Conc: 56.29 ng/ml



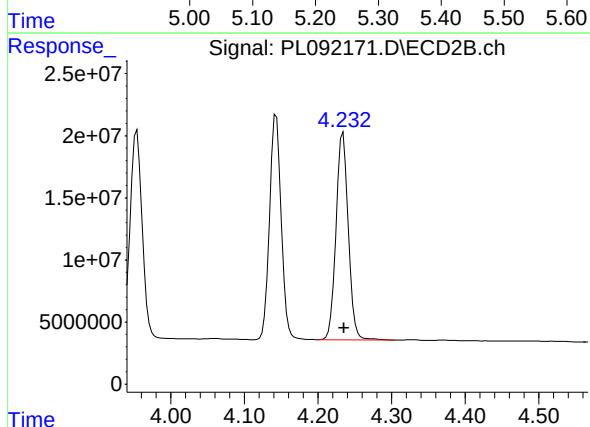
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 143806071
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

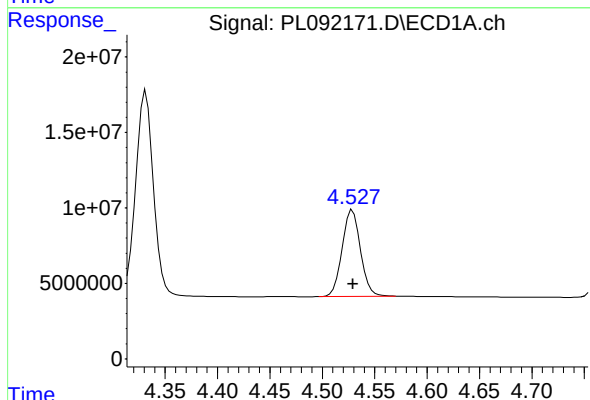
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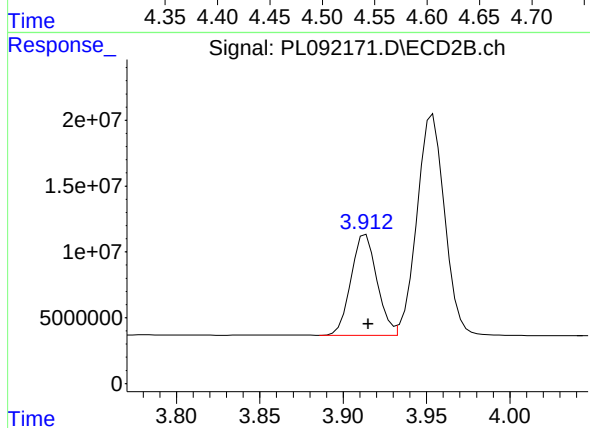
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.001 min
Response: 193813170
Conc: 56.99 ng/ml



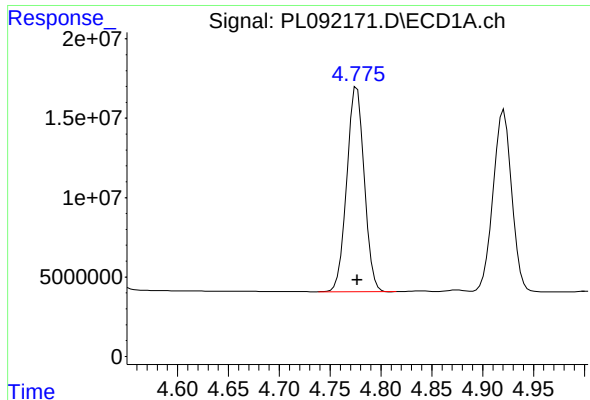
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 70164527
Conc: 52.90 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 83064689
Conc: 55.26 ng/ml



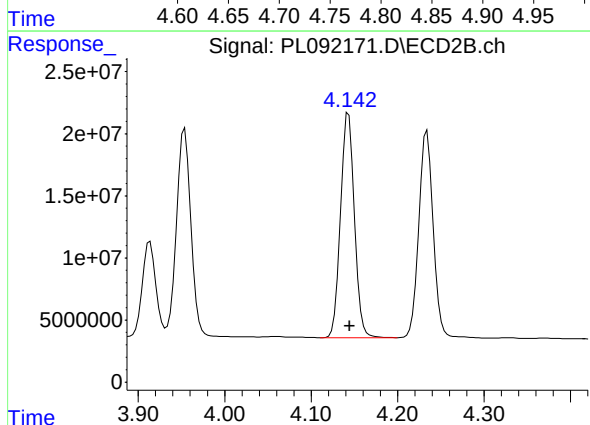
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 153914814
Conc: 53.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

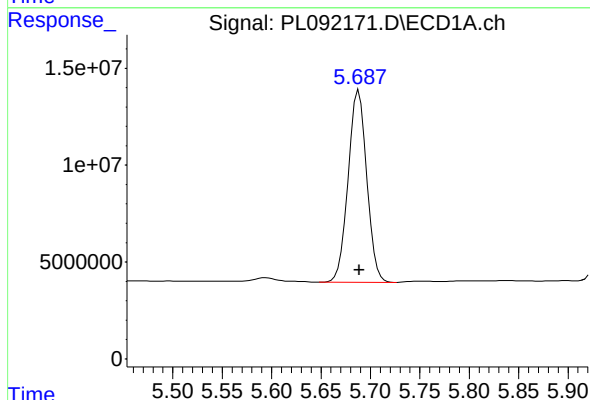
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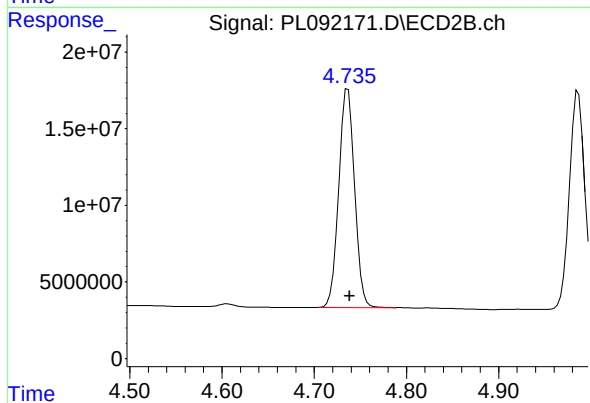
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 200023460
Conc: 57.62 ng/ml



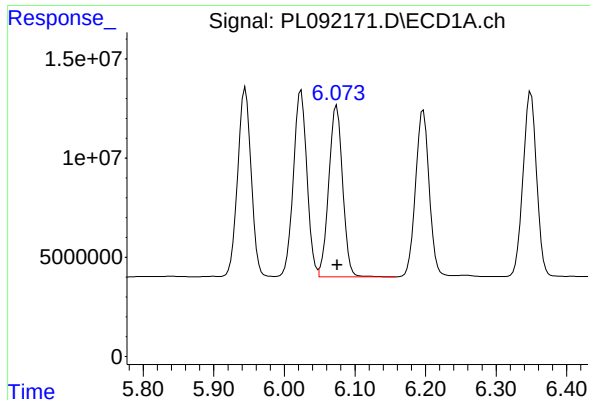
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 130129100
Conc: 51.13 ng/ml



#8 Heptachlor epoxide

R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 169456043
Conc: 56.06 ng/ml



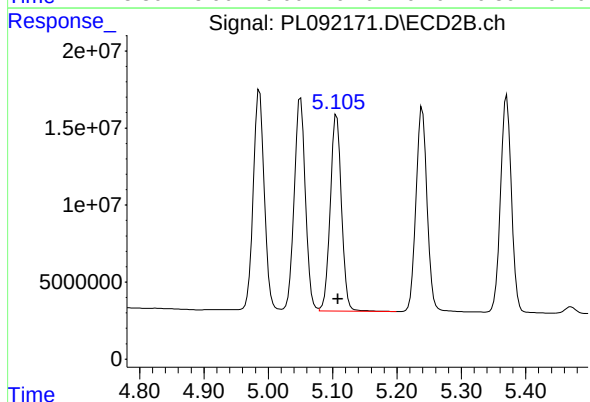
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 117955156
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

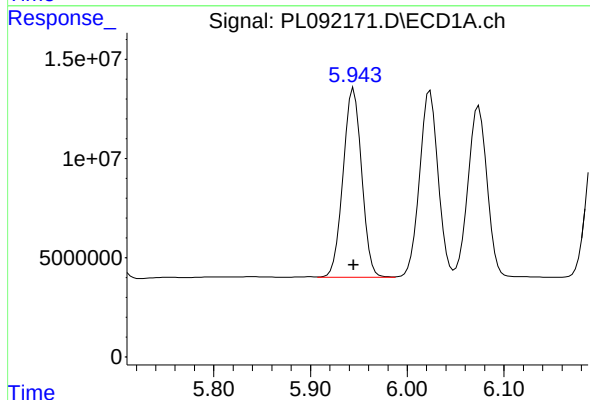
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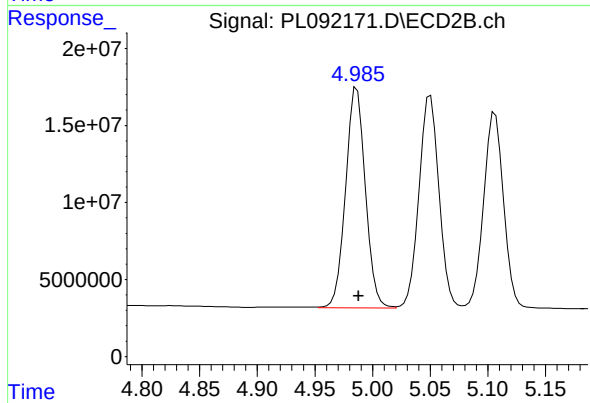
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 154130396
Conc: 56.16 ng/ml



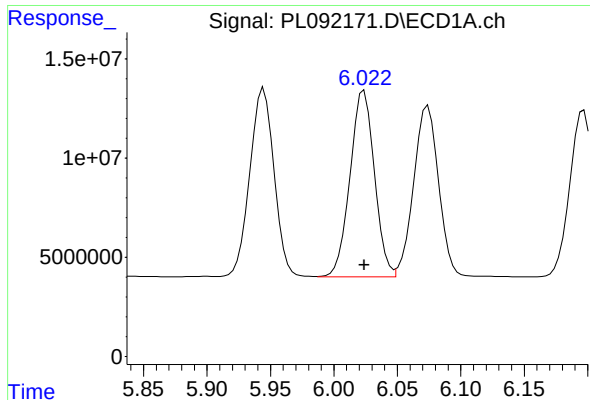
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 126282652
Conc: 51.10 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 169486361
Conc: 56.33 ng/ml



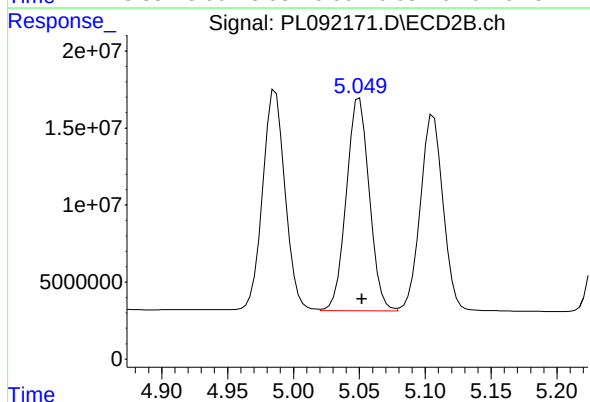
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 125414248
Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

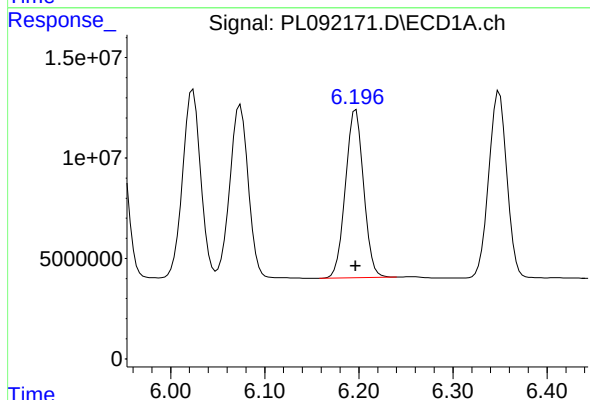
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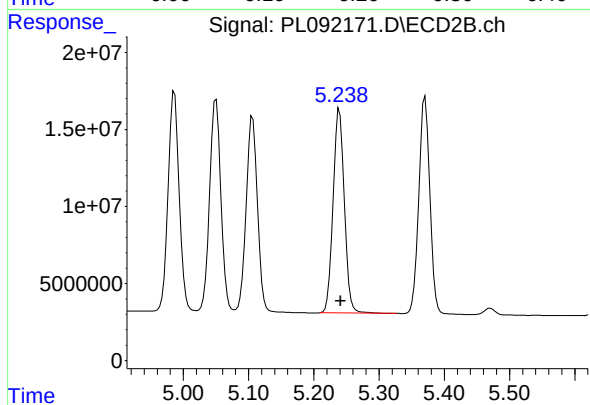
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 167264991
Conc: 55.88 ng/ml



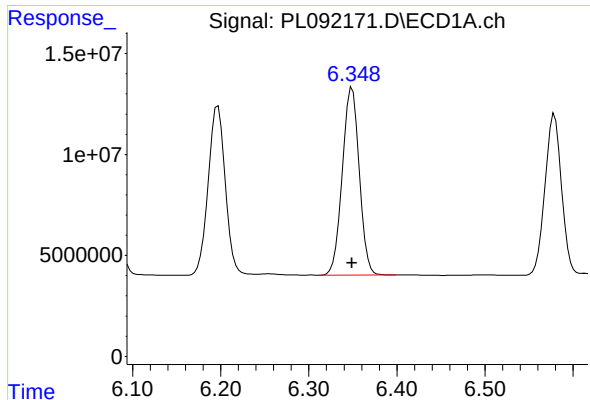
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 112192002
Conc: 51.83 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 158919657
Conc: 57.19 ng/ml



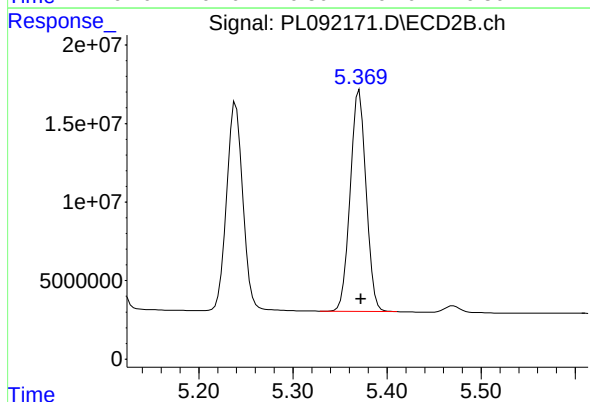
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 124365852
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

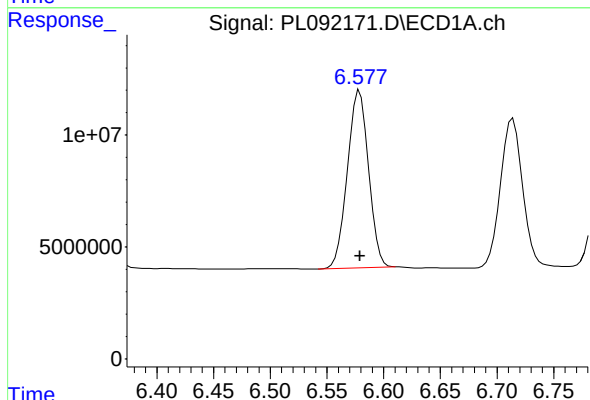
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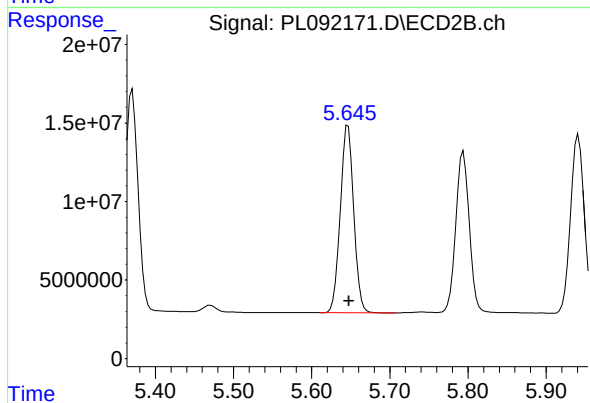
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 165387411
Conc: 56.41 ng/ml



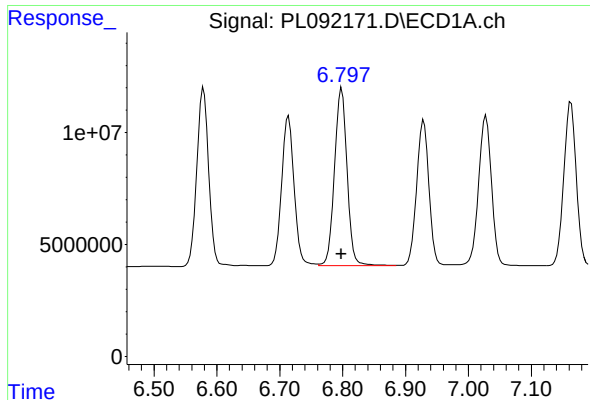
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 103011619
Conc: 49.99 ng/ml



#14 Endrin

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 142724210
Conc: 54.43 ng/ml



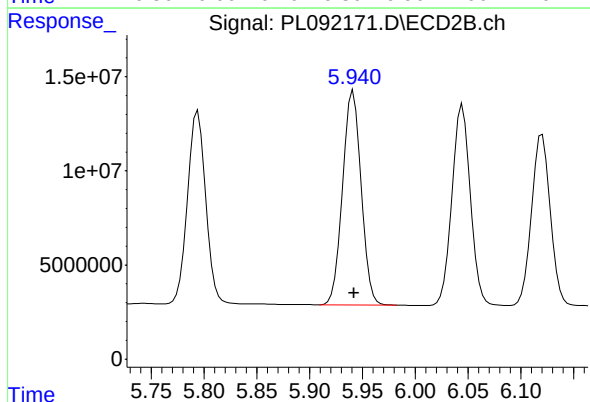
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 109847999
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

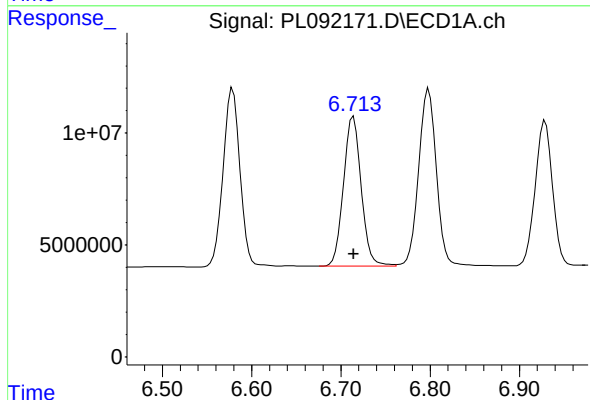
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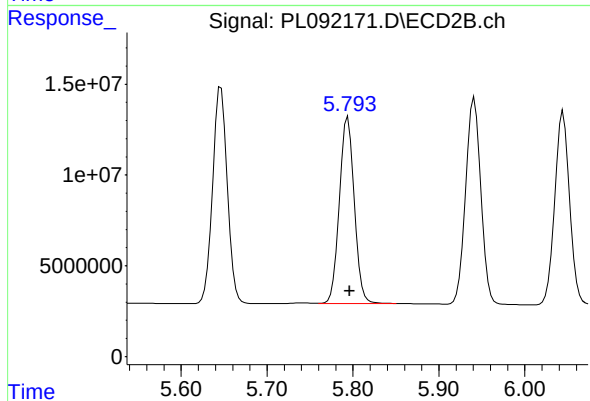
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 139160224
Conc: 55.61 ng/ml



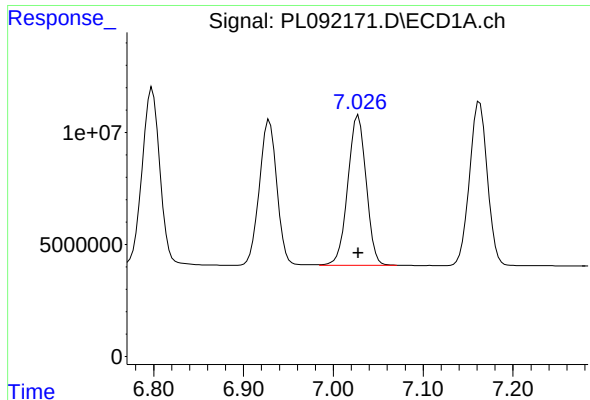
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 92335770
Conc: 51.42 ng/ml



#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 123409170
Conc: 57.77 ng/ml



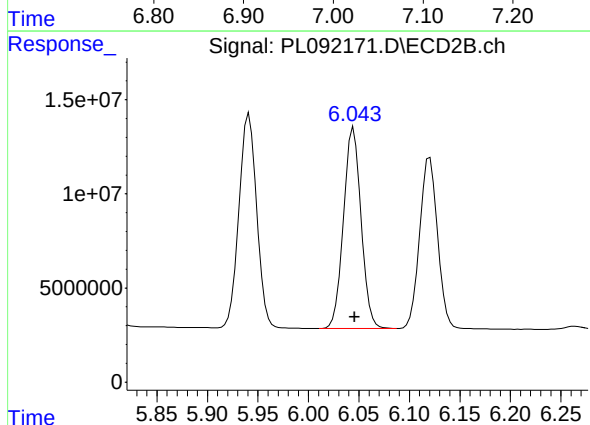
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 94743966
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

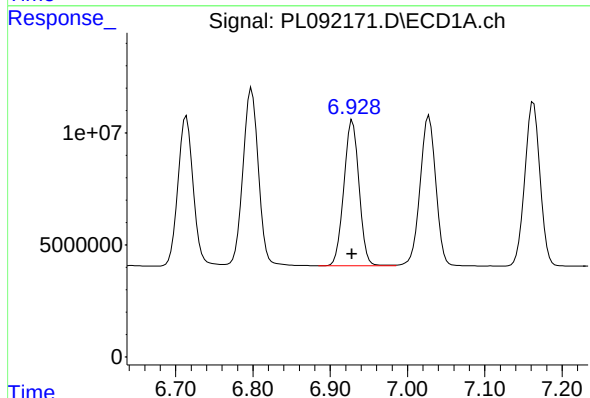
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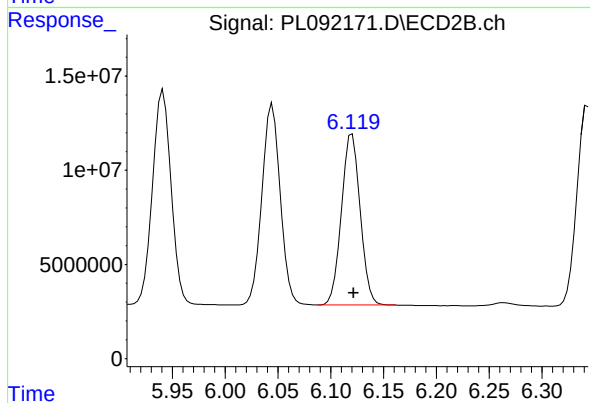
#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 129324766
Conc: 55.91 ng/ml



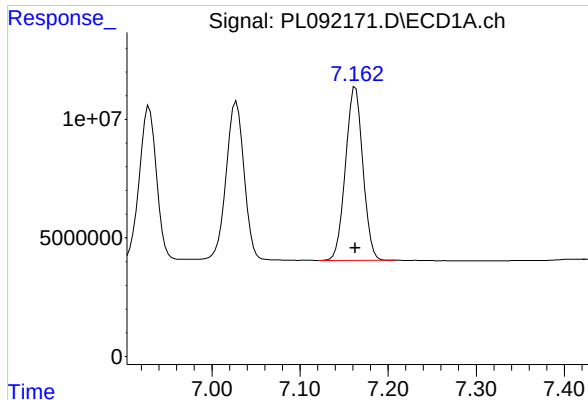
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 87930541
Conc: 50.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 112115740
Conc: 54.94 ng/ml



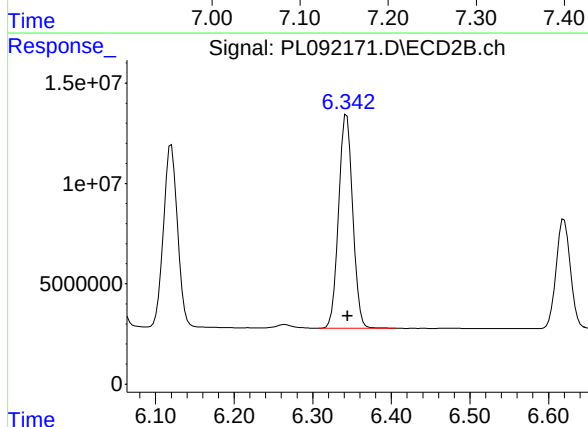
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 100434795
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

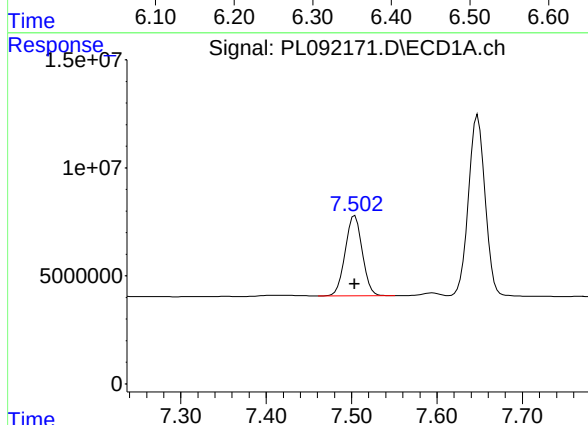
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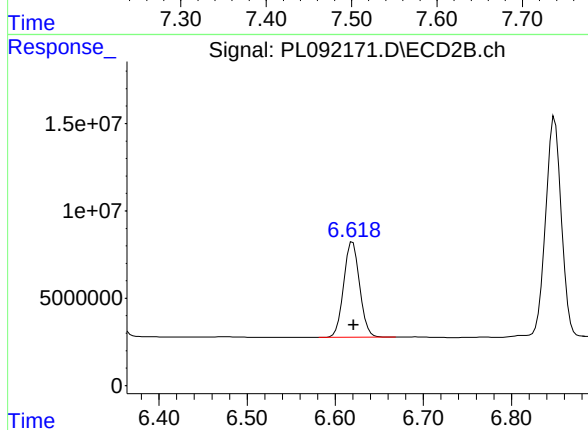
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 132659340
Conc: 54.99 ng/ml



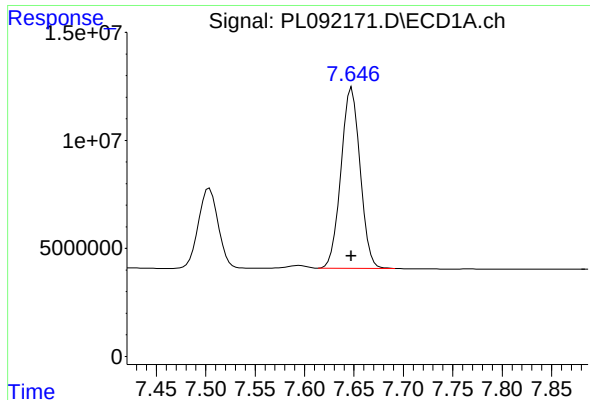
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 51635608
Conc: 52.60 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 68704792
Conc: 54.95 ng/ml



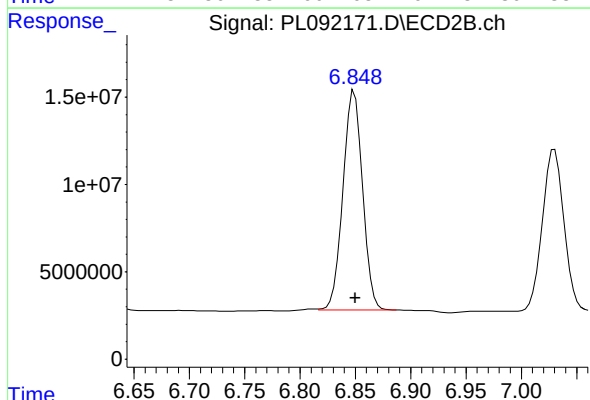
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 112626921
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

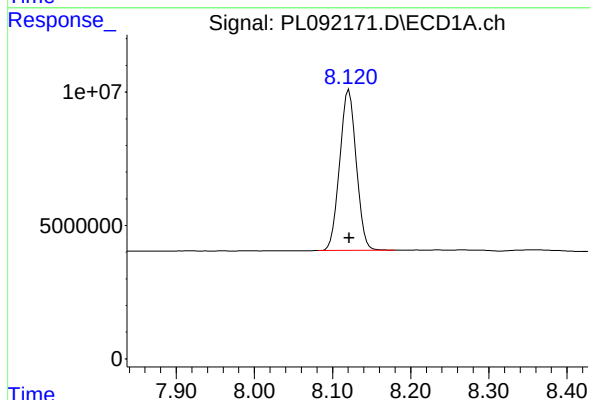
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Supervised By :Ankita Jodhani 10/02/2024



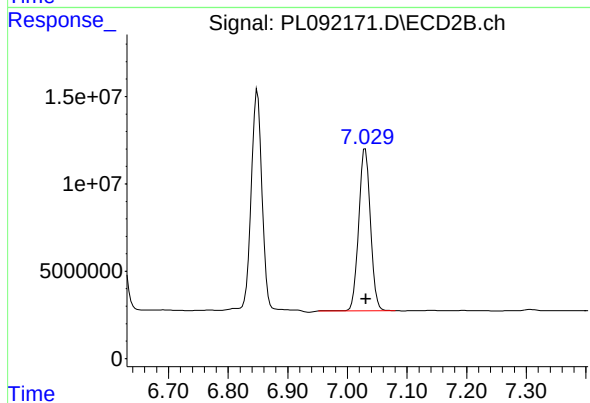
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 155346586
Conc: 56.10 ng/ml m



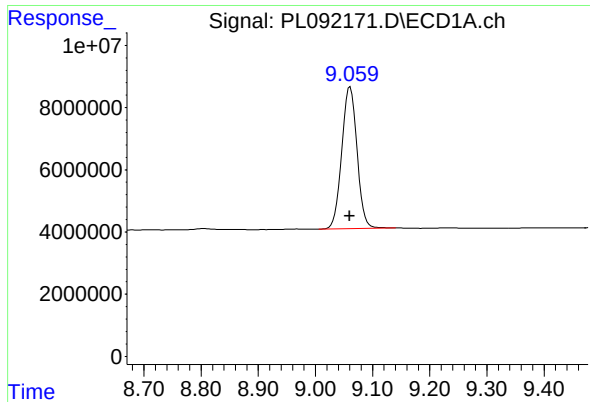
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 88870658
Conc: 49.35 ng/ml



#22 Mirex

R.T.: 7.030 min
Delta R.T.: -0.001 min
Response: 126571985
Conc: 52.03 ng/ml



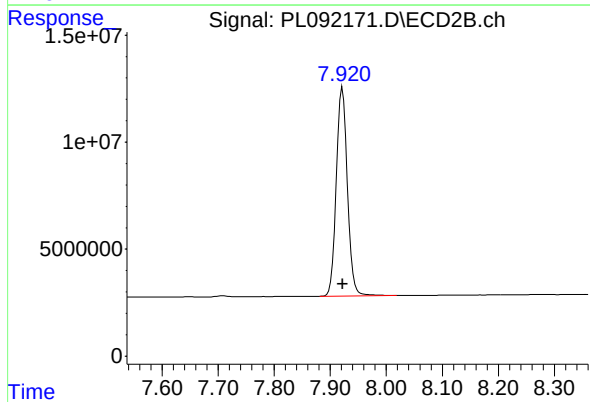
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 84525881
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 134367024
Conc: 53.71 ng/ml