

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081224\
 Data File : PL090993.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Aug 2024 13:13
 Operator : AR\AJ
 Sample : PB162656BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162656BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/13/2024
 Supervised By :Ankita Jodhani 08/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 01:27:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 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...	3.544	2.786	43299858	36560601	22.363m	21.148
28) SA Decachlor...	9.059	7.928	34647806	40944757	24.116	24.530
Target Compounds						
2) A alpha-BHC	4.001	3.290	153.9E6	143.7E6	55.708	58.334
3) MA gamma-BHC...	4.332	3.620	145.4E6	136.0E6	55.291m	58.097
4) MA Heptachlor	4.923	3.960	136.1E6	132.3E6	55.052	57.055
5) MB Aldrin	5.264	4.239	130.8E6	126.2E6	54.400	56.901m
6) B beta-BHC	4.530	3.918	66896885	58950319	53.139	55.423
7) B delta-BHC	4.777	4.147	138.4E6	130.4E6	55.287	58.362m
8) B Heptachlo...	5.689	4.743	125.4E6	115.6E6	55.194m	56.703
9) A Endosulfan I	6.074	5.113	113.3E6	105.3E6	54.050m	54.546
10) B gamma-Chl...	5.944	4.993	122.7E6	120.7E6	54.310m	56.509
11) B alpha-Chl...	6.024	5.057	123.1E6	119.6E6	54.963m	56.058
12) B 4,4'-DDE	6.196	5.244	109.2E6	107.9E6	55.086m	57.508m
13) MA Dieldrin	6.349	5.376	120.9E6	117.1E6	55.120m	56.726m
14) MA Endrin	6.578	5.652	104.1E6	106.2E6	56.830m	58.109
15) B Endosulfa...	6.798	5.945	107.3E6	103.0E6	53.521	56.695m
16) A 4,4'-DDD	6.714	5.800	94345918	91064969	57.229	58.687
17) MA 4,4'-DDT	7.028	6.051	97088074	90832131	54.459	54.775
18) B Endrin al...	6.929	6.126	84292644	79518711	55.970	56.165
19) B Endosulfa...	7.162	6.349	99656913	98847963	55.562	56.624
20) A Methoxychlor	7.502	6.626	50359982	49688472	52.775m	53.832
21) B Endrin ke...	7.647	6.853	111.1E6	127.2E6	56.052	64.173m
22) Mirex	8.121	7.036	87597601	90876297	56.352	54.115

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081224\
Data File : PL090993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2024 13:13
Operator : AR\AJ
Sample : PB162656BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162656BS

Manual Integrations

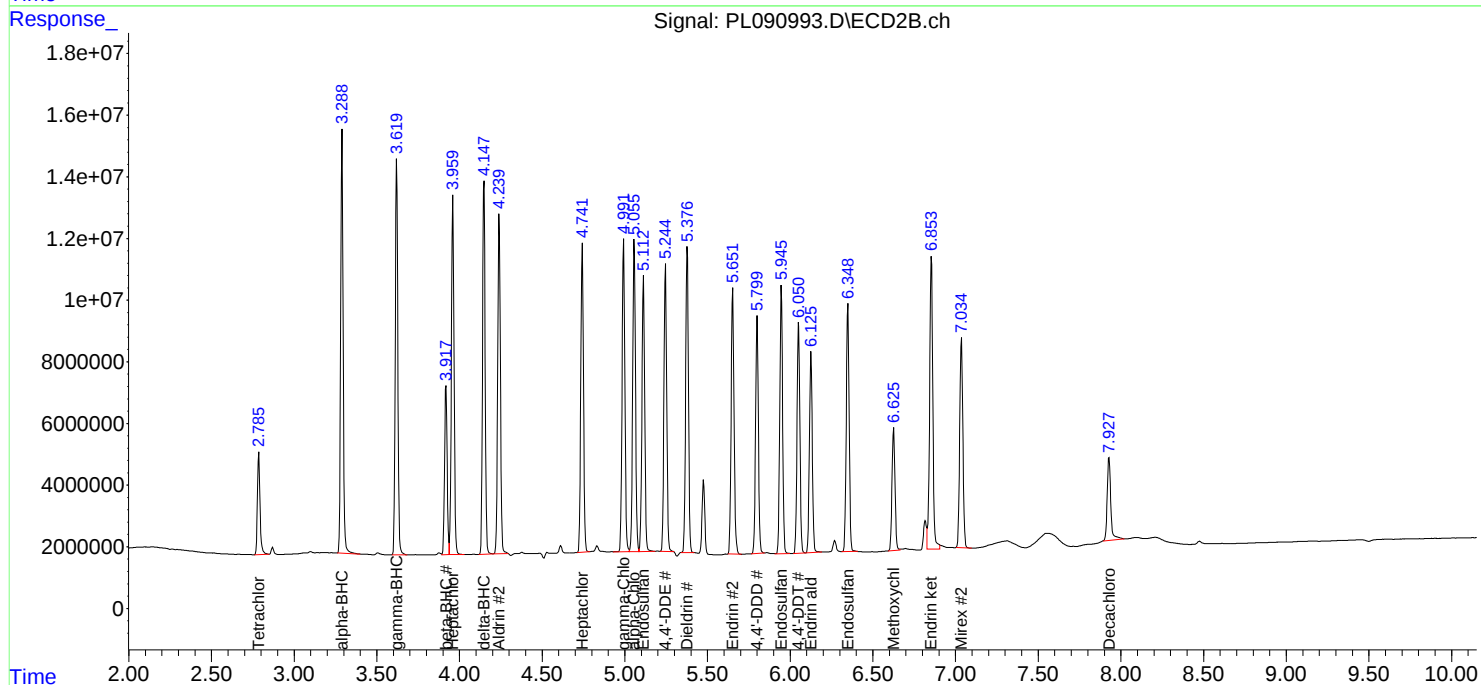
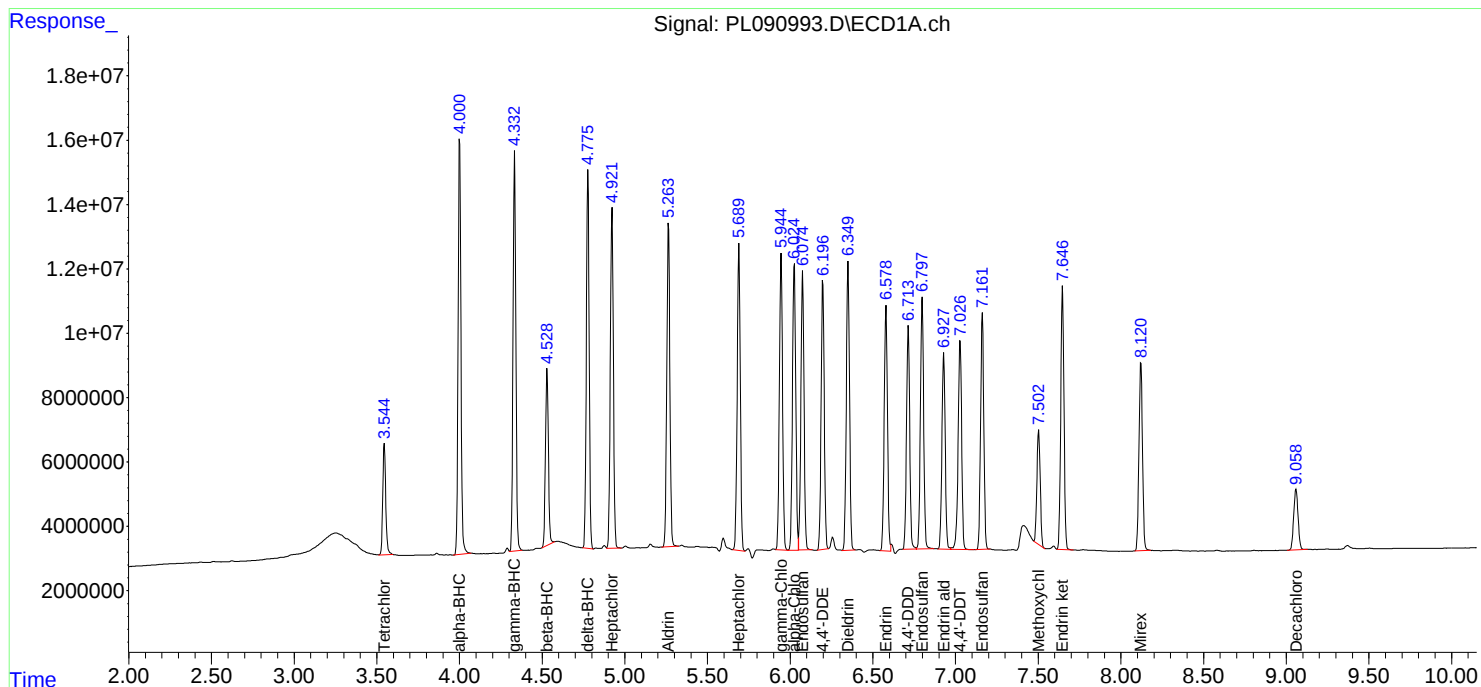
APPROVED

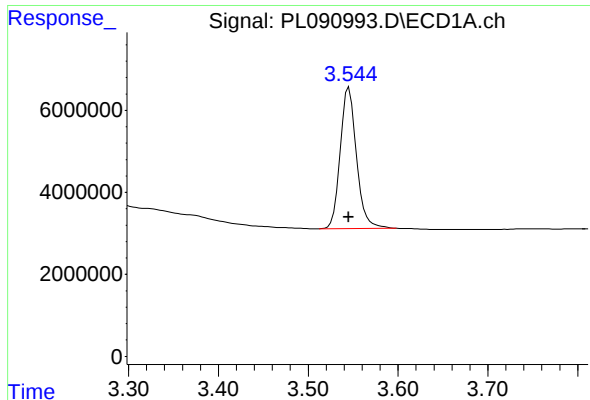
Reviewed By :Abdul Mirza 08/13/2024

Supervised By :Ankita Jodhani 08/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:27:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 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





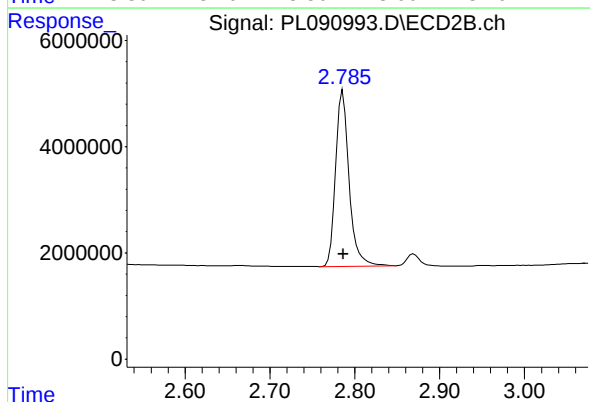
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 43299858
Conc: 22.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162656BS

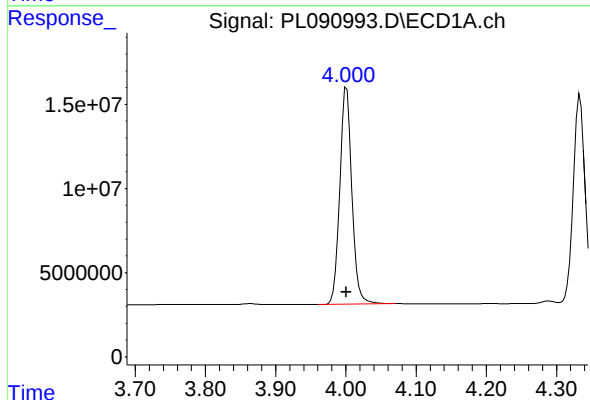
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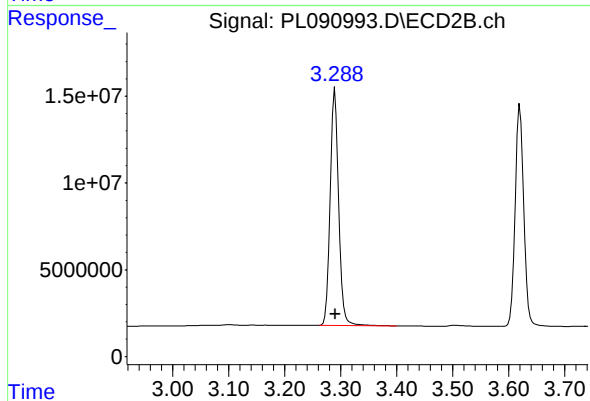
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.000 min
Response: 36560601
Conc: 21.15 ng/ml



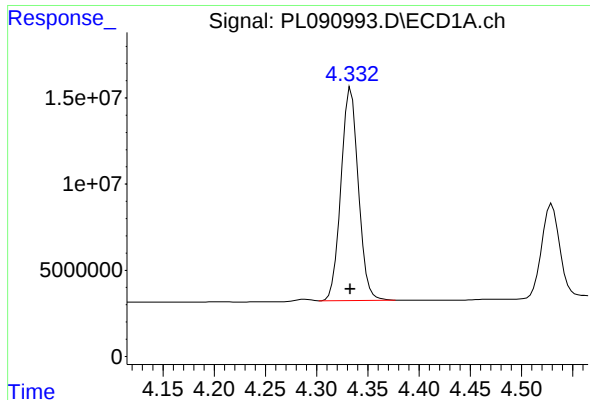
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 153875663
Conc: 55.71 ng/ml



#2 alpha-BHC

R.T.: 3.290 min
Delta R.T.: -0.001 min
Response: 143701549
Conc: 58.33 ng/ml



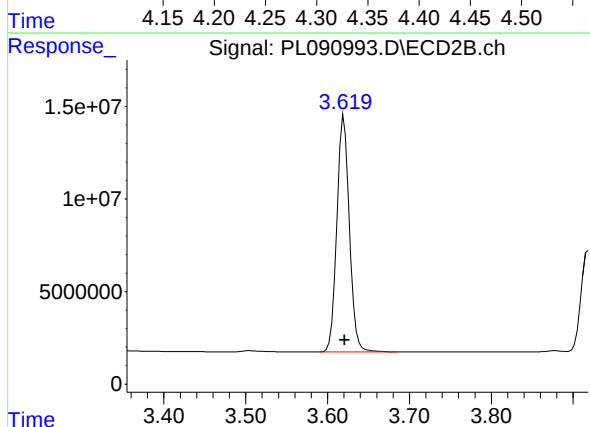
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: -0.001 min
Response: 145420305
Conc: 55.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162656BS

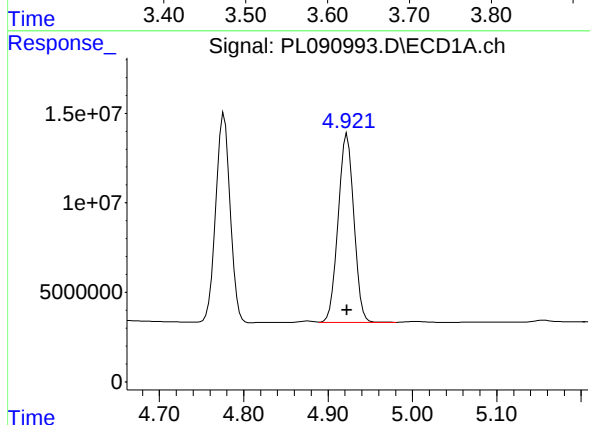
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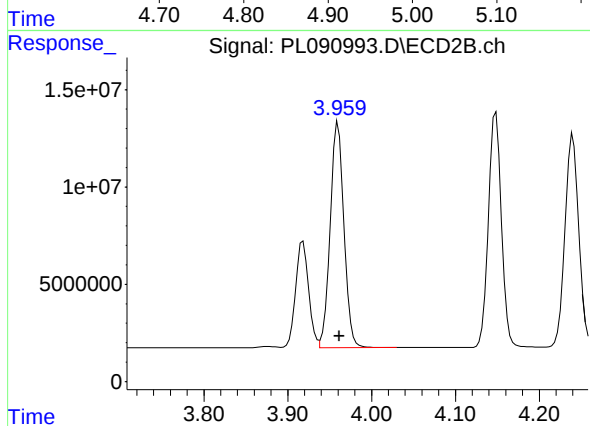
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: -0.001 min
Response: 136017561
Conc: 58.10 ng/ml



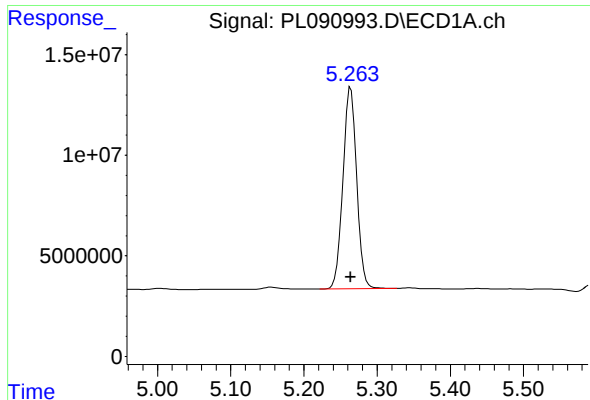
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 136147409
Conc: 55.05 ng/ml



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: -0.001 min
Response: 132285516
Conc: 57.05 ng/ml



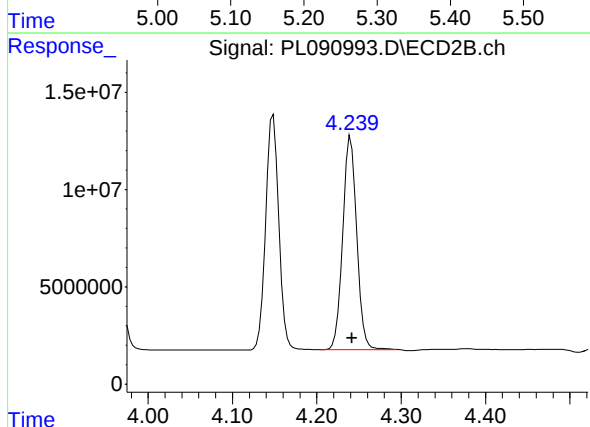
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 130766522
Conc: 54.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162656BS

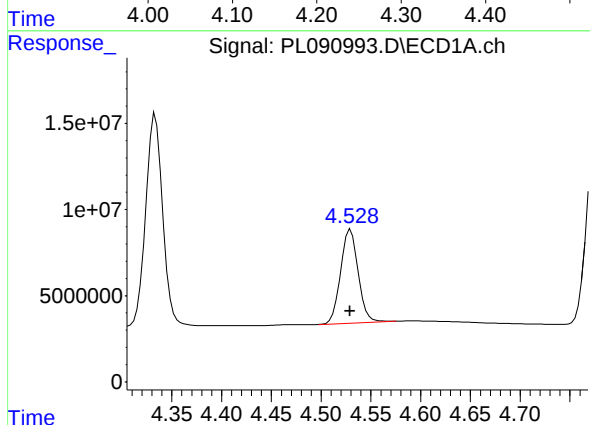
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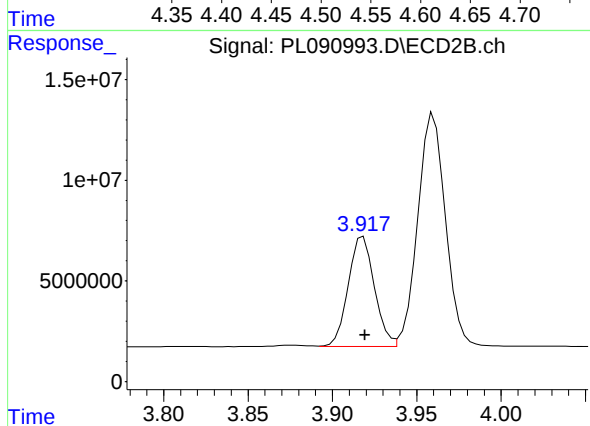
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: -0.003 min
Response: 126155686
Conc: 56.90 ng/ml m



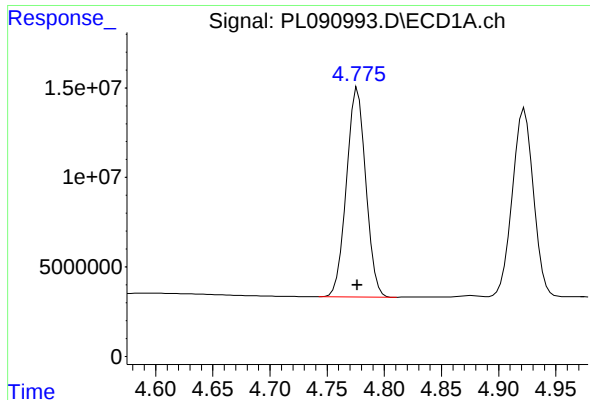
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 66896885
Conc: 53.14 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: 0.000 min
Response: 58950319
Conc: 55.42 ng/ml



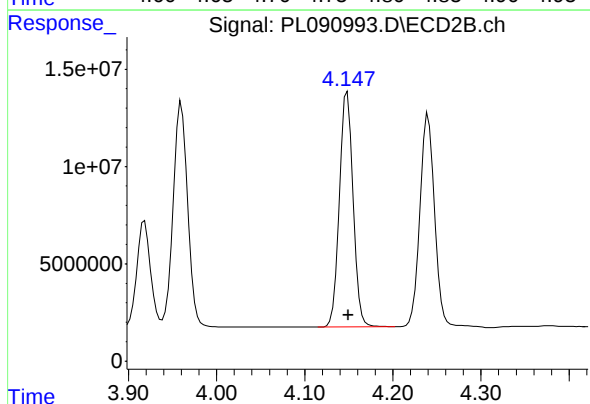
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 138410645
Conc: 55.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162656BS

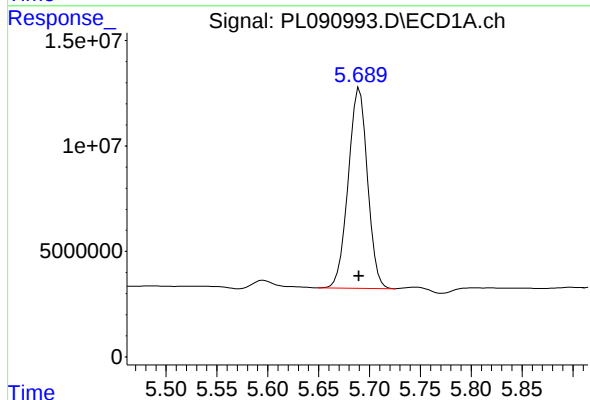
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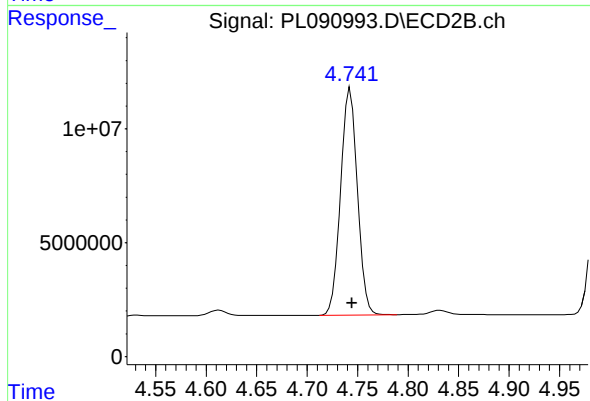
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.002 min
Response: 130426125
Conc: 58.36 ng/ml



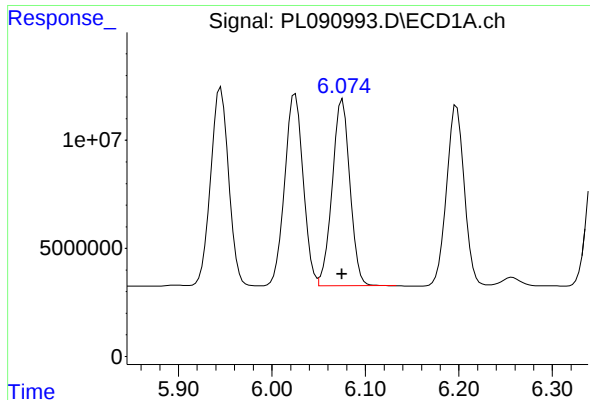
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 125424925
Conc: 55.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 115579833
Conc: 56.70 ng/ml



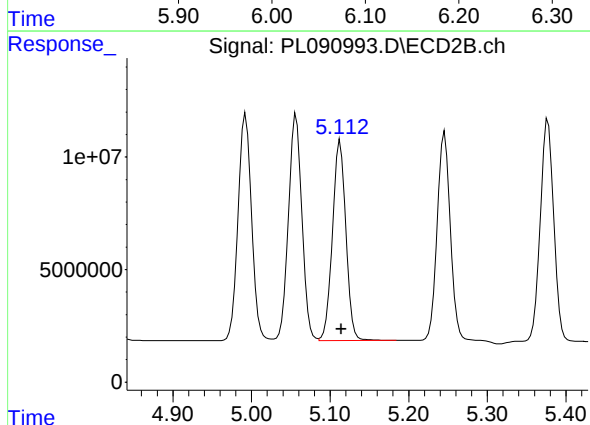
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 113298865
Conc: 54.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162656BS

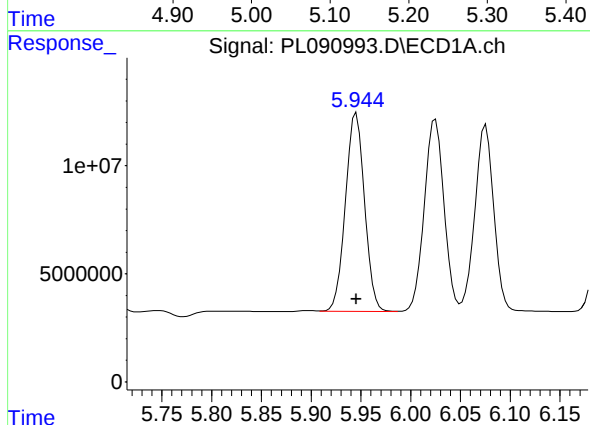
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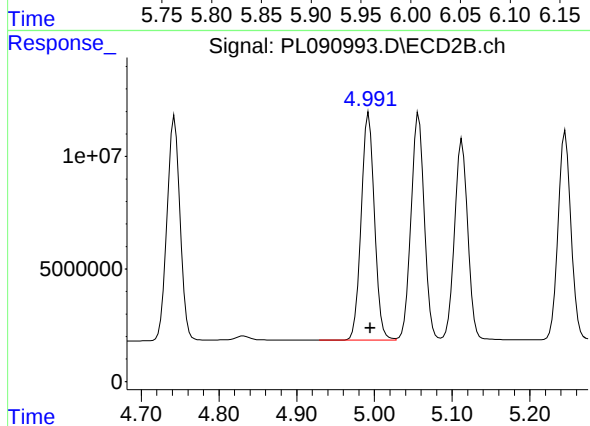
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 105332196
Conc: 54.55 ng/ml



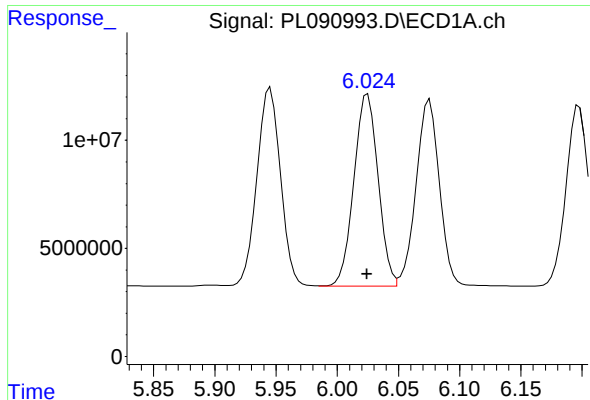
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.001 min
Response: 122715486
Conc: 54.31 ng/ml m



#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 120680721
Conc: 56.51 ng/ml



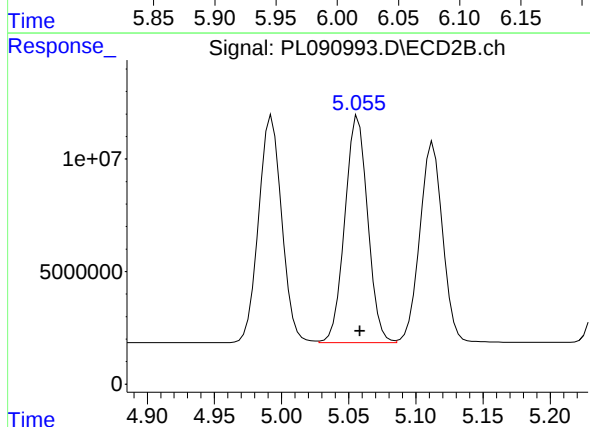
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 123094460
Conc: 54.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162656BS

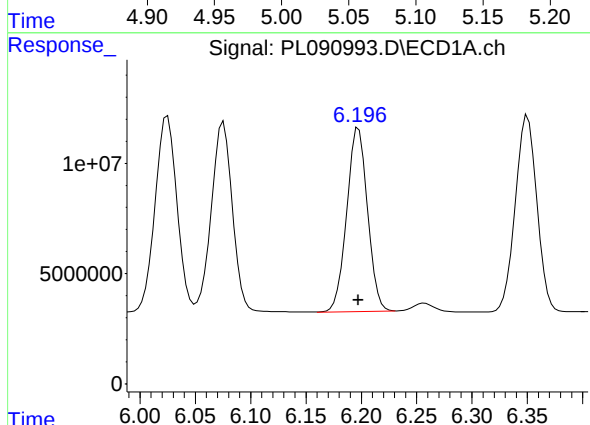
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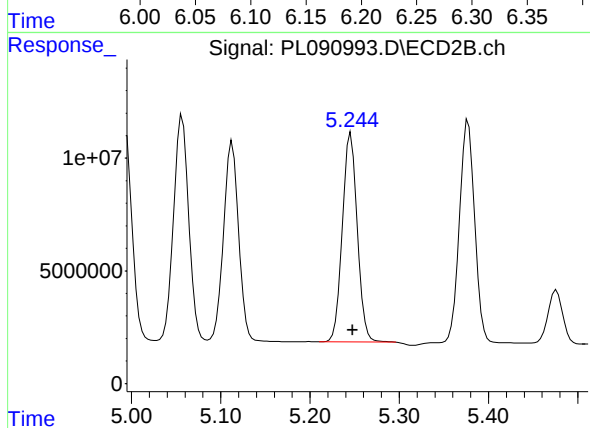
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.002 min
Response: 119605100
Conc: 56.06 ng/ml



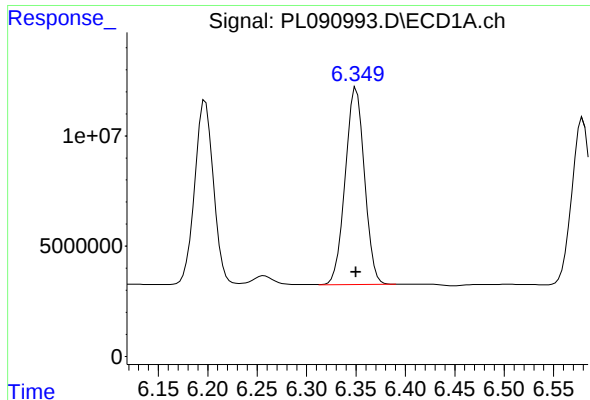
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 109201079
Conc: 55.09 ng/ml m



#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: -0.003 min
Response: 107878162
Conc: 57.51 ng/ml m



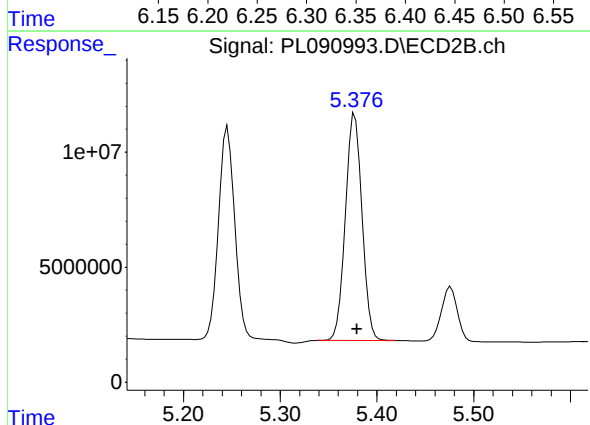
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: -0.001 min
Response: 120896565
Conc: 55.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162656BS

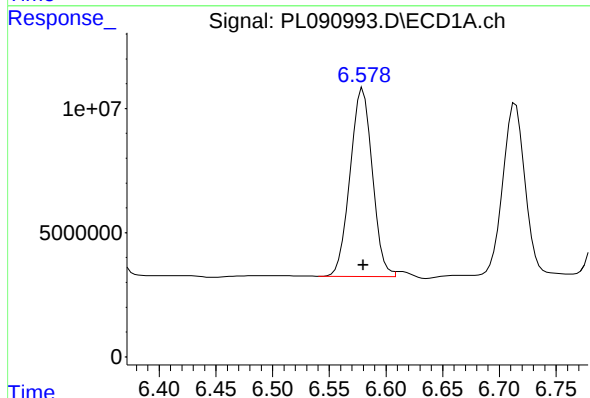
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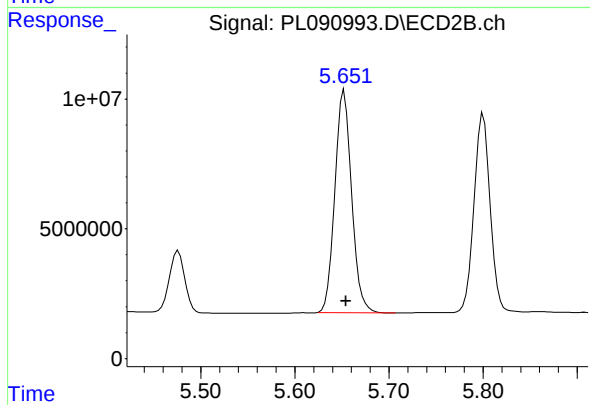
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: -0.003 min
Response: 117125815
Conc: 56.73 ng/ml



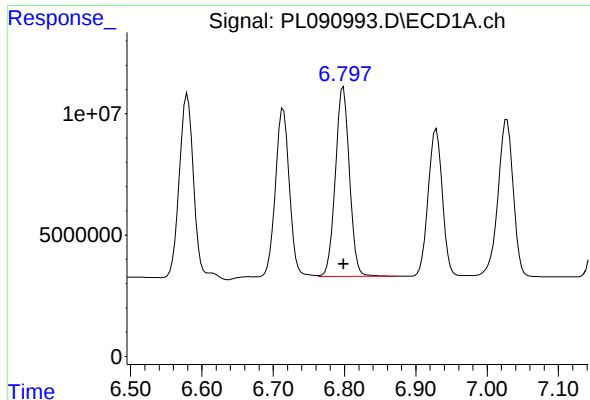
#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 104080450
Conc: 56.83 ng/ml



#14 Endrin

R.T.: 5.652 min
Delta R.T.: -0.002 min
Response: 106176645
Conc: 58.11 ng/ml



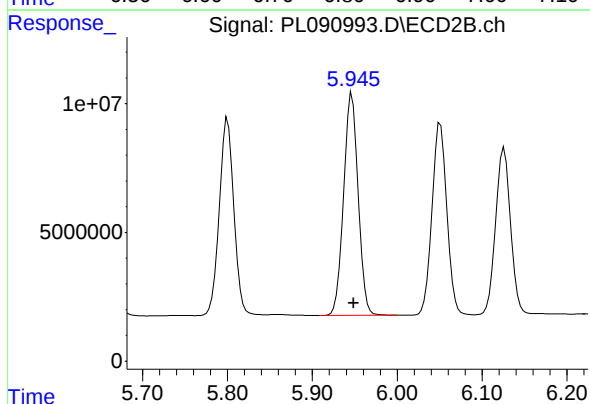
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 107328282
Conc: 53.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162656BS

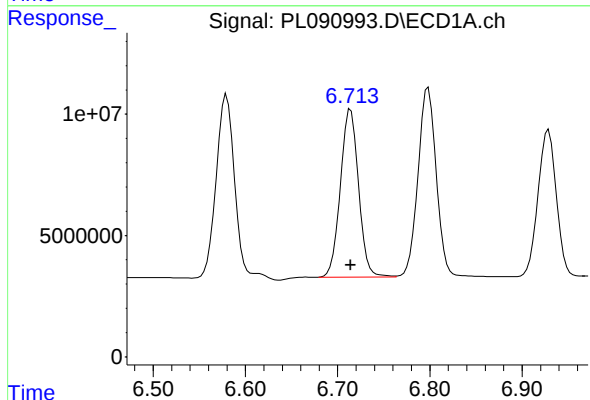
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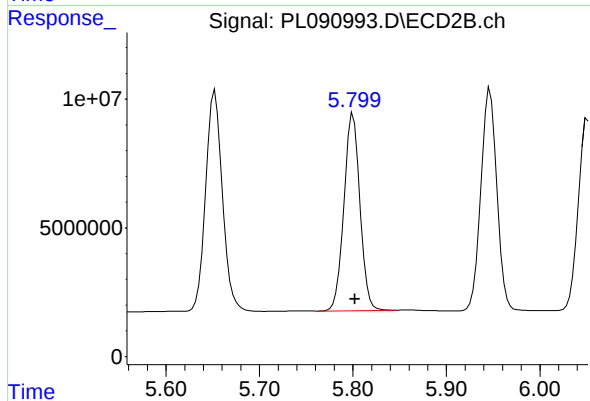
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 102973154
Conc: 56.69 ng/ml m



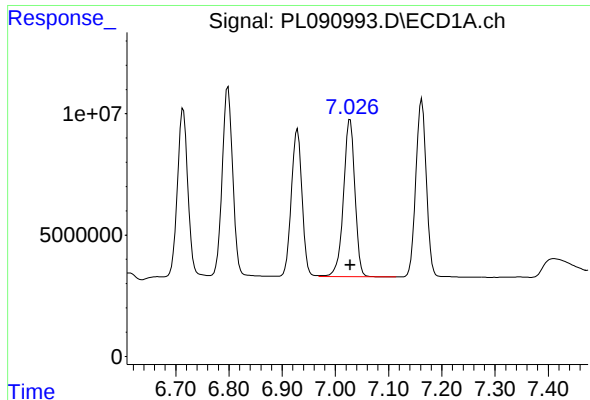
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 94345918
Conc: 57.23 ng/ml



#16 4,4'-DDD

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 91064969
Conc: 58.69 ng/ml



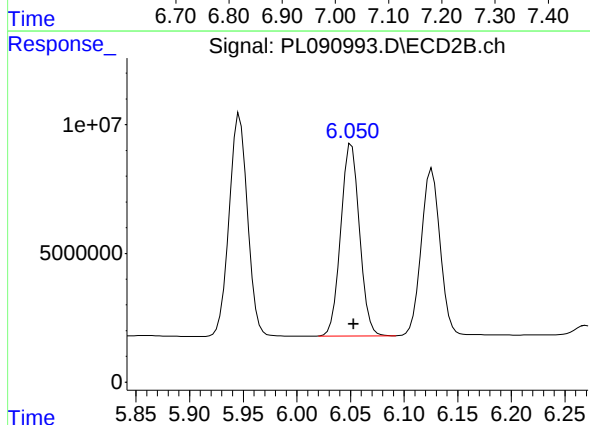
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 97088074
Conc: 54.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162656BS

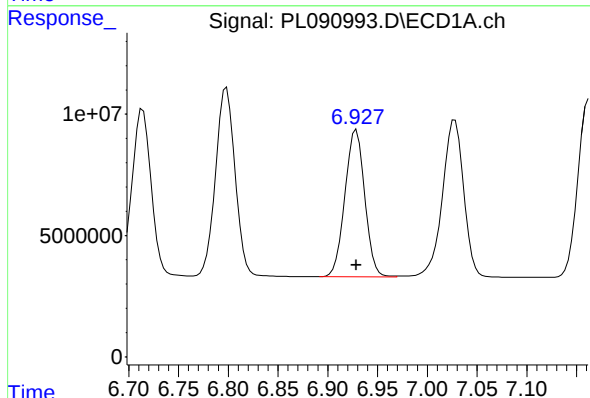
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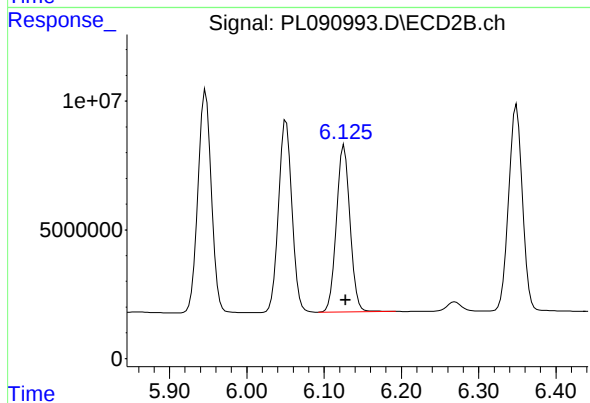
#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 90832131
Conc: 54.78 ng/ml



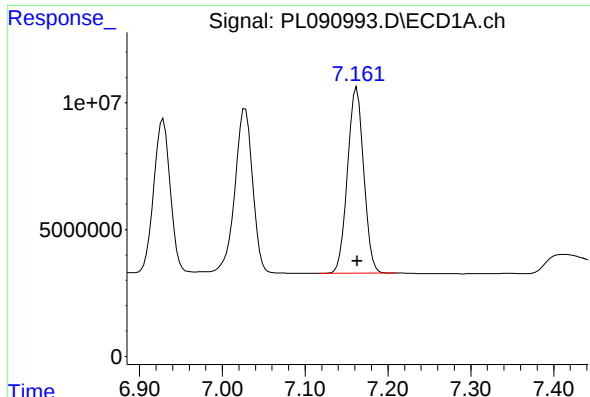
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 84292644
Conc: 55.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.126 min
Delta R.T.: -0.002 min
Response: 79518711
Conc: 56.16 ng/ml



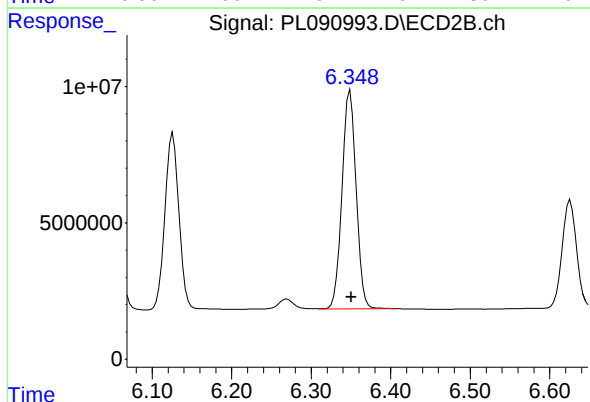
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 99656913
Conc: 55.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162656BS

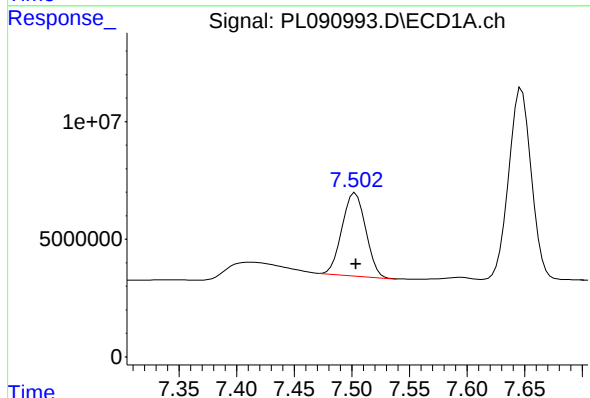
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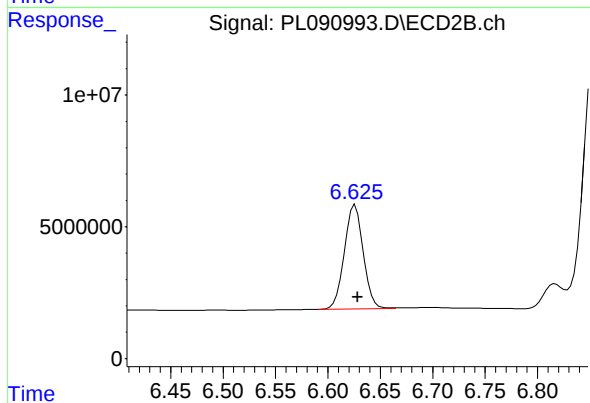
#19 Endosulfan Sulfate

R.T.: 6.349 min
Delta R.T.: -0.002 min
Response: 98847963
Conc: 56.62 ng/ml



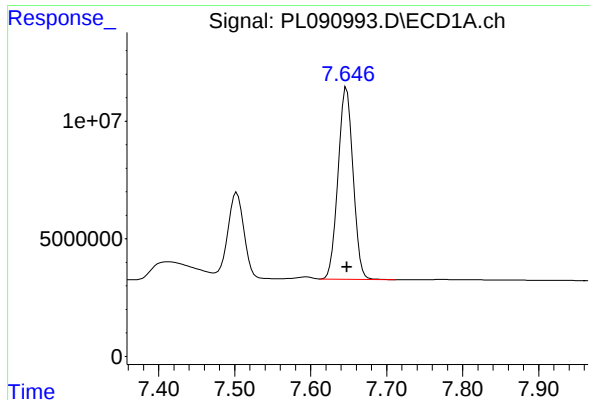
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 50359982
Conc: 52.77 ng/ml m



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: -0.002 min
Response: 49688472
Conc: 53.83 ng/ml



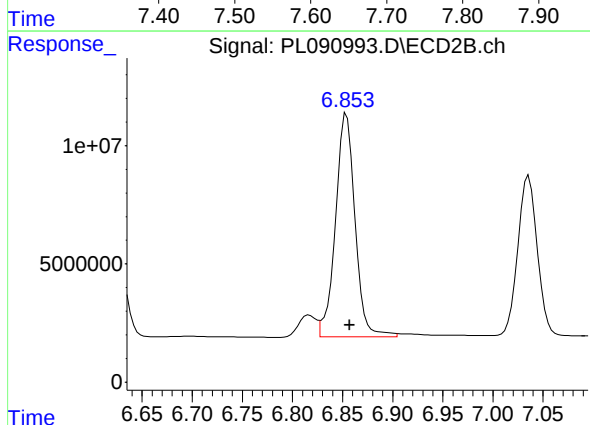
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 111059909
Conc: 56.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162656BS

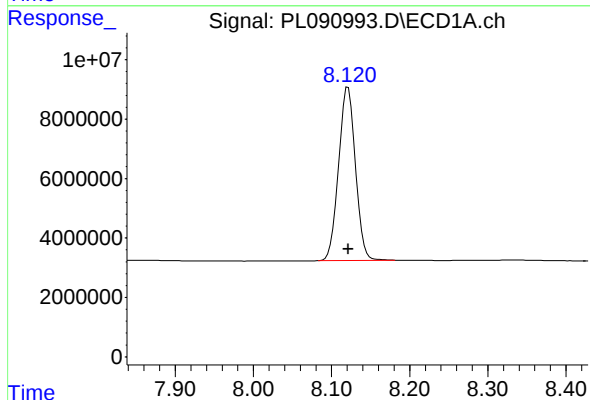
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/13/2024
Supervised By :Ankita Jodhani 08/14/2024



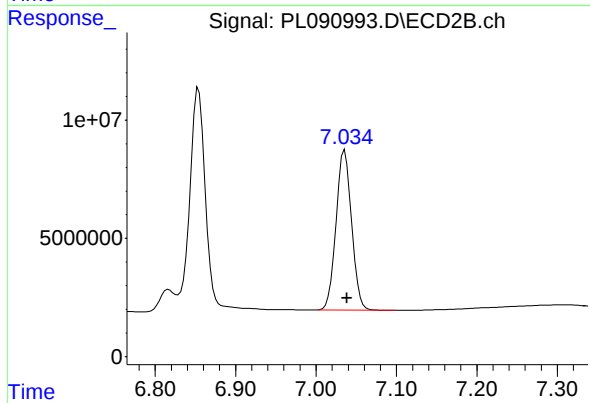
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.005 min
Response: 127185393
Conc: 64.17 ng/ml m



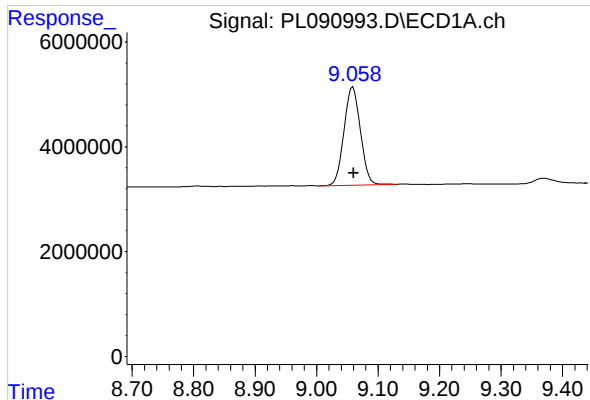
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 87597601
Conc: 56.35 ng/ml



#22 Mirex

R.T.: 7.036 min
Delta R.T.: -0.003 min
Response: 90876297
Conc: 54.12 ng/ml



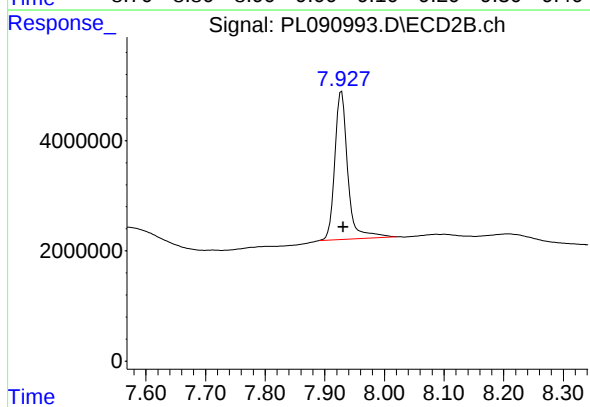
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.001 min
Response: 34647806
Conc: 24.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162656BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.928 min
Delta R.T.: -0.003 min
Response: 40944757
Conc: 24.53 ng/ml