

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090924\
 Data File : PL091595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2024 21:00
 Operator : AR\AJ
 Sample : PB163218BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163218BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/11/2024
 Supervised By :Ankita Jodhani 09/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 04:15:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 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...	3.543	2.782	33642226	40284979	21.585	21.539
28) SA Decachlor...	9.054	7.920	27853119	40626910	22.918	22.002
Target Compounds						
2) A alpha-BHC	3.998	3.285	120.6E6	153.8E6	55.827	57.842
3) MA gamma-BHC...	4.331	3.615	114.3E6	140.0E6	55.616	56.923
4) MA Heptachlor	4.919	3.954	101.6E6	133.0E6	54.224	55.227
5) MB Aldrin	5.259	4.234	99192884	128.2E6	53.256m	56.209
6) B beta-BHC	4.528	3.914	49728448	59340182	54.645	54.318
7) B delta-BHC	4.774	4.143	103.2E6	131.5E6	53.693	57.145
8) B Heptachlo...	5.687	4.737	88614019	115.9E6	53.103	55.009
9) A Endosulfan I	6.072	5.107	84149162	105.9E6	54.007	54.884
10) B gamma-Chl...	5.942	4.987	89922784	121.6E6	53.821	55.113
11) B alpha-Chl...	6.021	5.050	88743268	114.2E6	55.057	55.200
12) B 4,4'-DDE	6.194	5.240	79883509	106.0E6	54.765	55.884
13) MA Dieldrin	6.346	5.371	89554820	113.9E6	54.883	55.417
14) MA Endrin	6.576	5.646	67317053	93632818	50.626	49.615
15) B Endosulfa...	6.795	5.940	83646505	97842205	53.965	55.312
16) A 4,4'-DDD	6.711	5.794	71349955	95088095	56.290	56.744
17) MA 4,4'-DDT	7.024	6.045	66754299	80871466	50.890	50.331
18) B Endrin al...	6.925	6.120	65767031	77499875	55.353	56.692
19) B Endosulfa...	7.159	6.342	75435309	94938366	54.021	55.322
20) A Methoxychlor	7.500	6.620	33978424	43923782	50.229	49.589
21) B Endrin ke...	7.644	6.848	87497774	116.0E6	56.584	57.694
22) Mirex	8.117	7.029	65719603	91077236	54.883	51.362

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090924\
Data File : PL091595.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2024 21:00
Operator : AR\AJ
Sample : PB163218BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163218BS

Manual Integrations

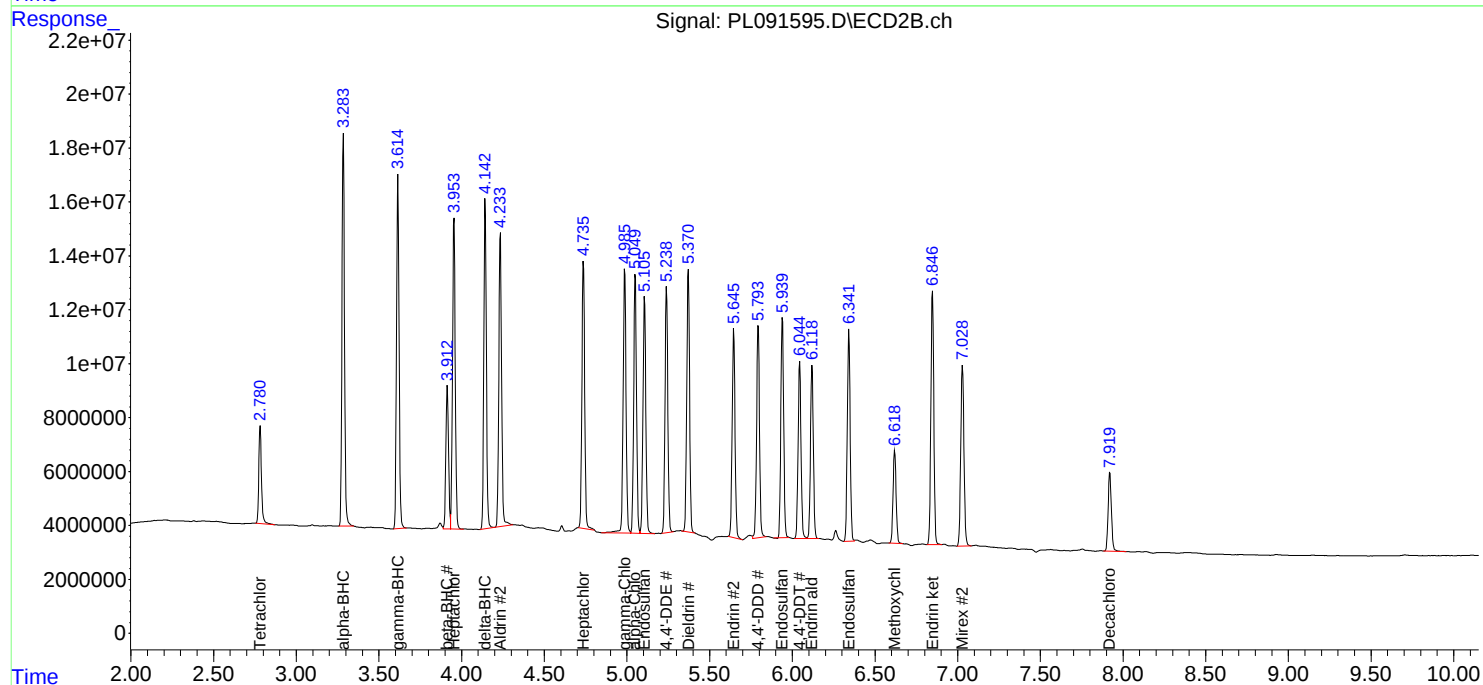
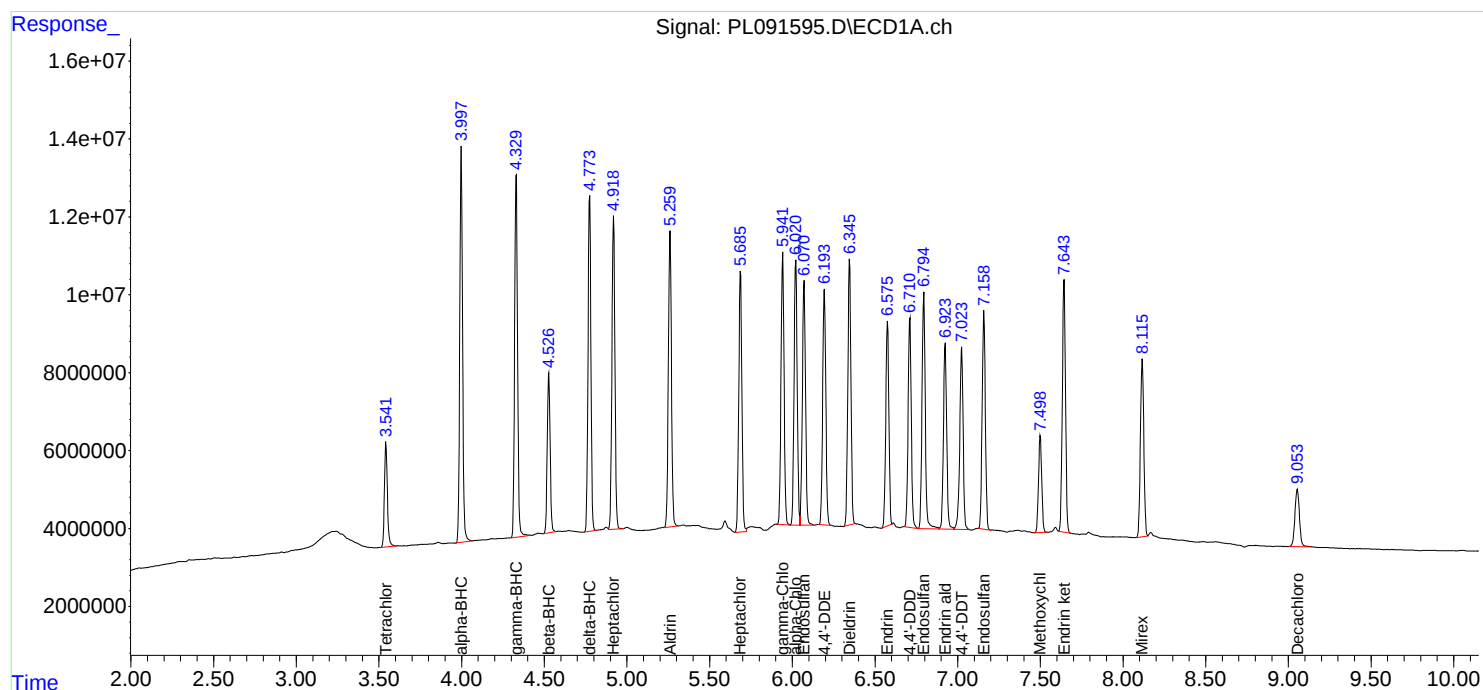
APPROVED

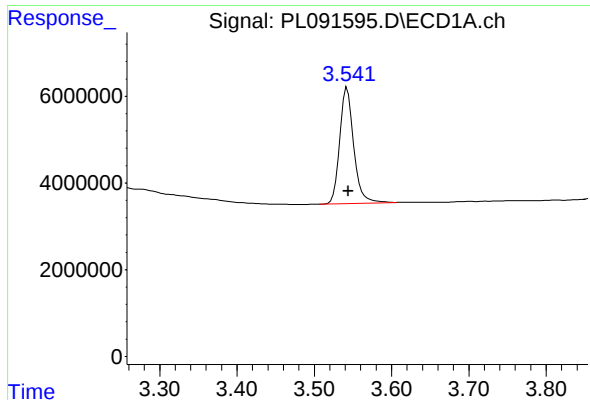
Reviewed By :Abdul Mirza 09/11/2024

Supervised By :Ankita Jodhani 09/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 04:15:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 19:26:36 2024
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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





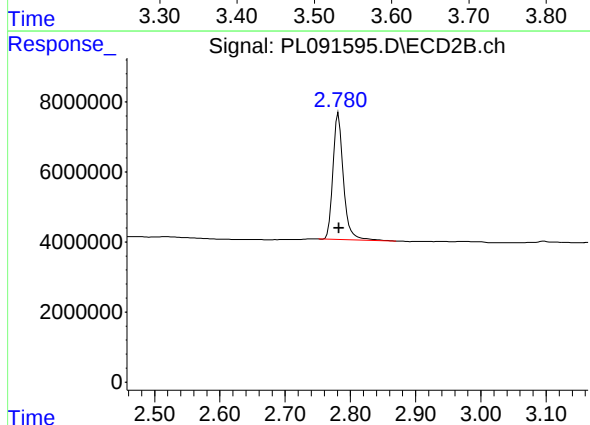
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.001 min
Response: 33642226
Conc: 21.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

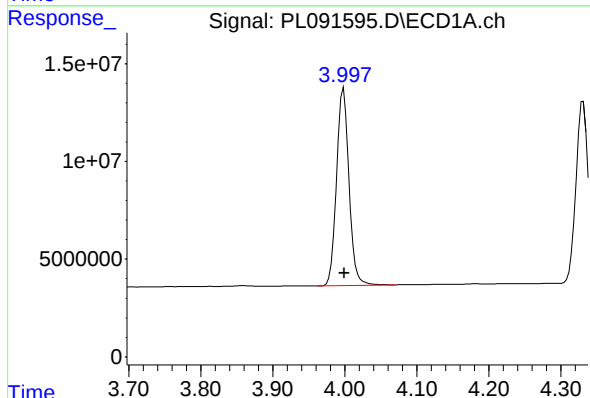
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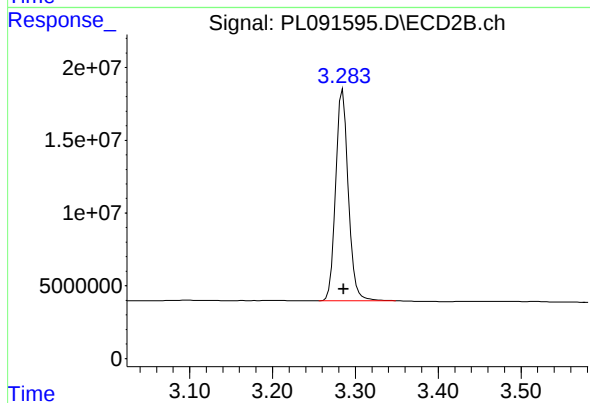
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 40284979
Conc: 21.54 ng/ml



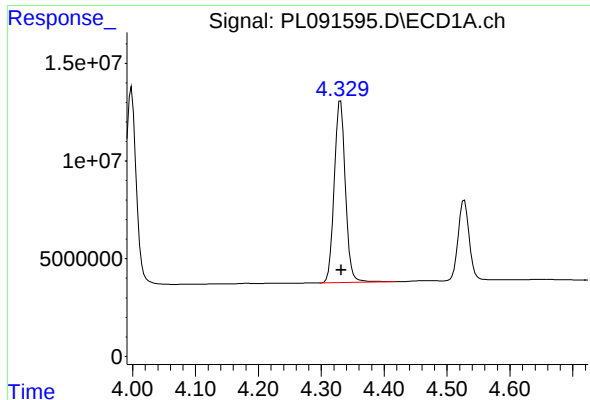
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.001 min
Response: 120581512
Conc: 55.83 ng/ml



#2 alpha-BHC

R.T.: 3.285 min
Delta R.T.: -0.001 min
Response: 153835519
Conc: 57.84 ng/ml



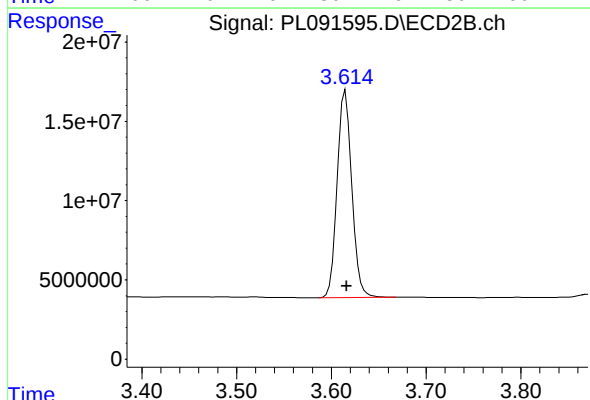
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 114328947
Conc: 55.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

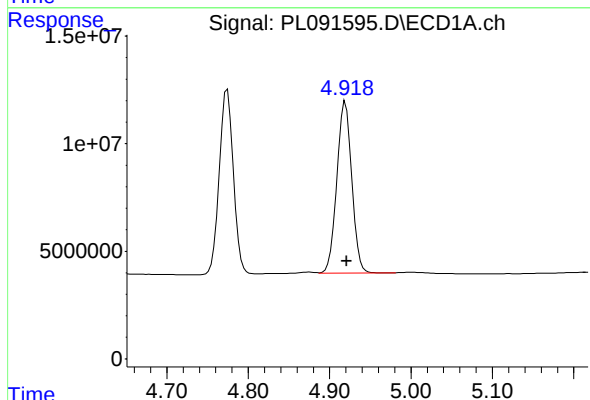
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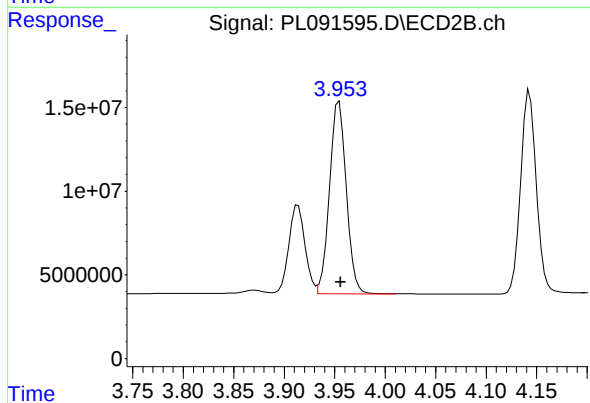
#3 gamma-BHC (Lindane)

R.T.: 3.615 min
Delta R.T.: -0.001 min
Response: 140000699
Conc: 56.92 ng/ml



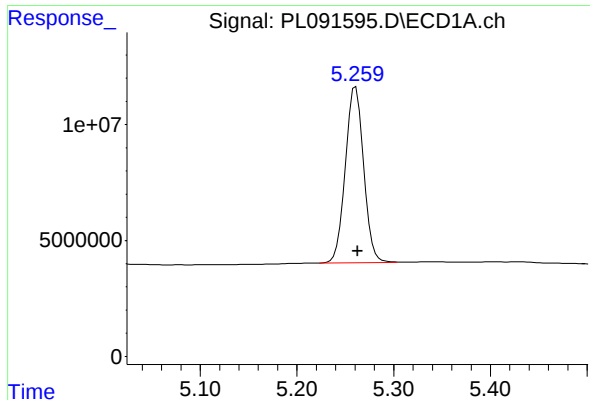
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 101562432
Conc: 54.22 ng/ml



#4 Heptachlor

R.T.: 3.954 min
Delta R.T.: -0.002 min
Response: 133004153
Conc: 55.23 ng/ml



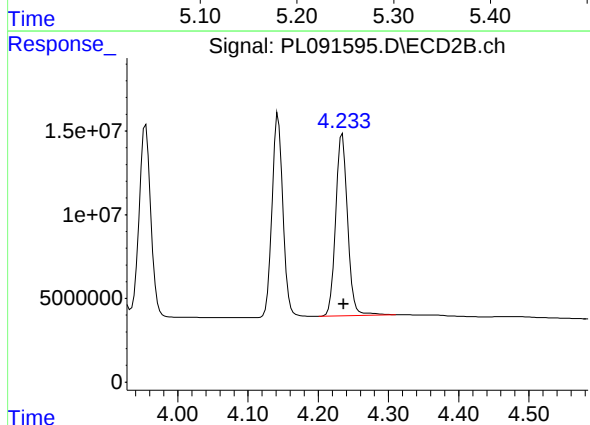
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: -0.003 min
Response: 99192884
Conc: 53.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

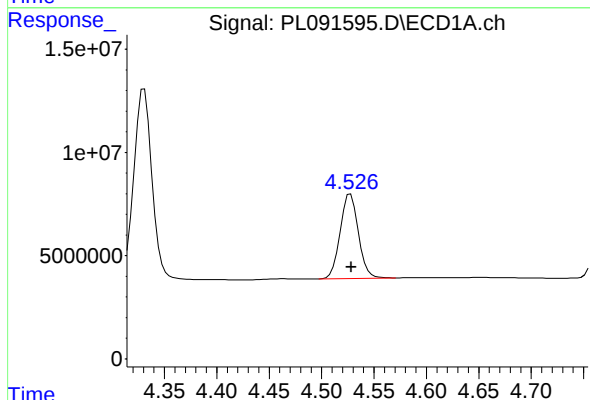
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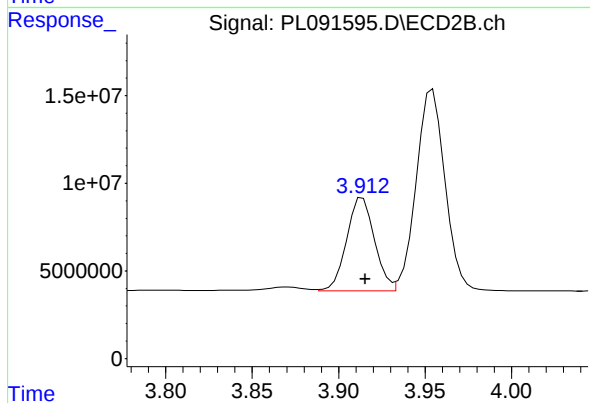
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 128240004
Conc: 56.21 ng/ml



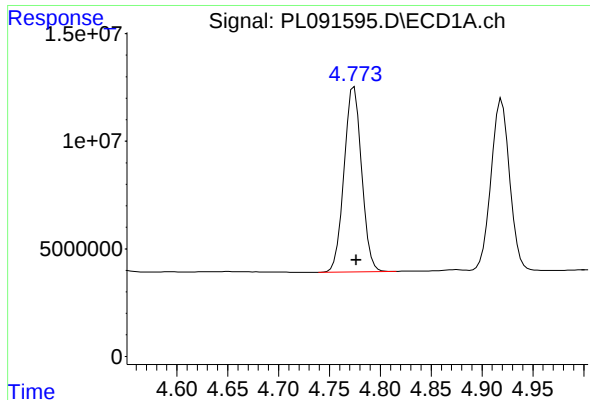
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 49728448
Conc: 54.65 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 59340182
Conc: 54.32 ng/ml



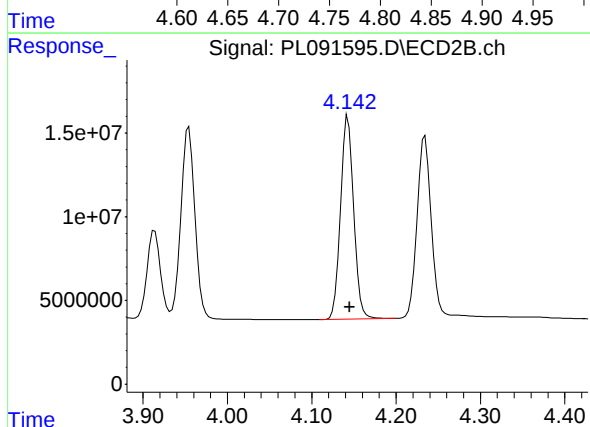
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 103153431
Conc: 53.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

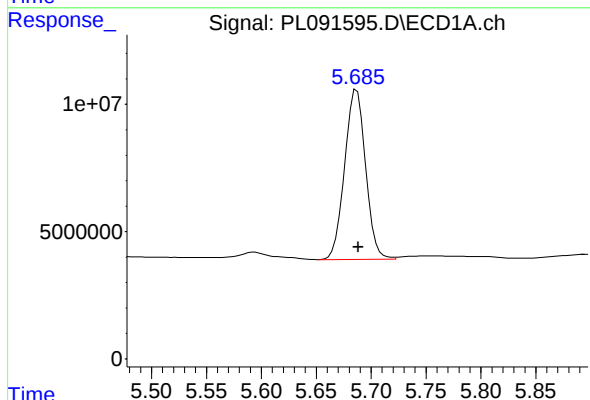
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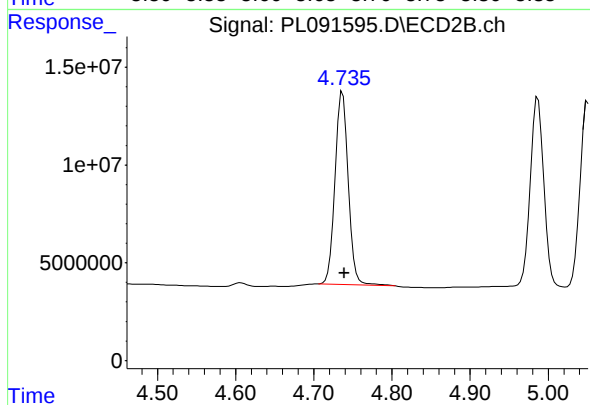
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 131474920
Conc: 57.14 ng/ml



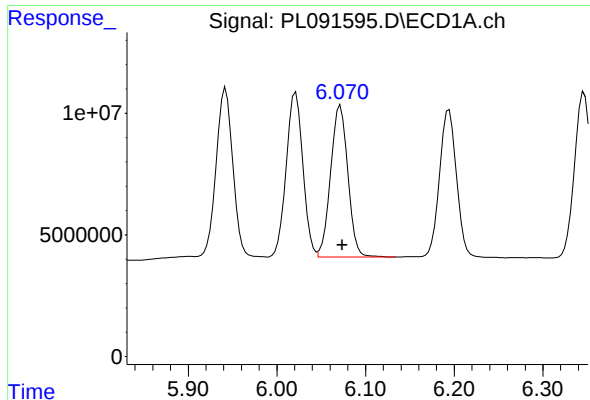
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 88614019
Conc: 53.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 115943382
Conc: 55.01 ng/ml



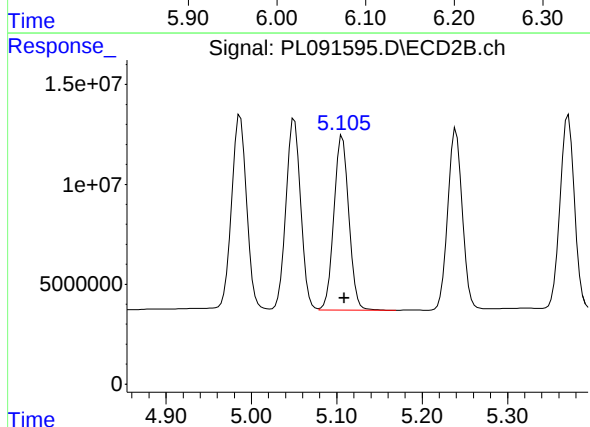
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 84149162
Conc: 54.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

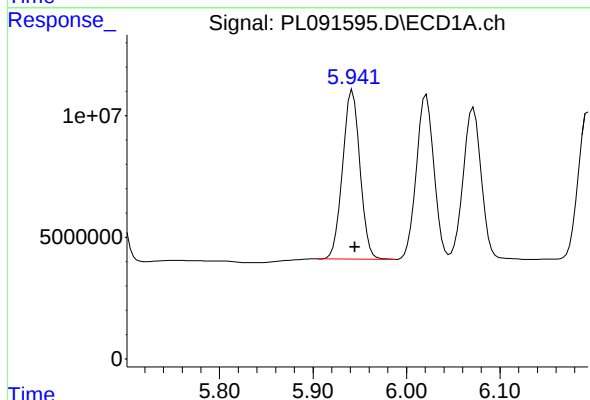
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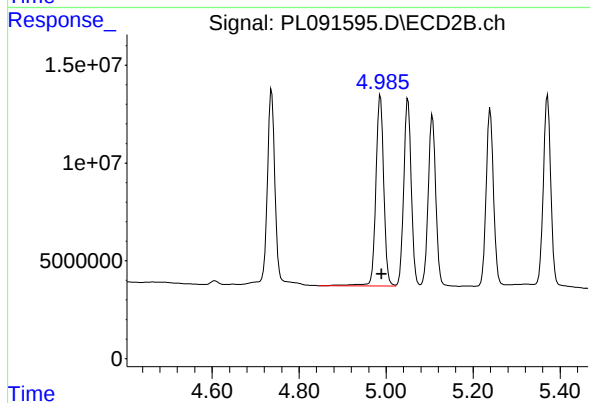
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 105890029
Conc: 54.88 ng/ml



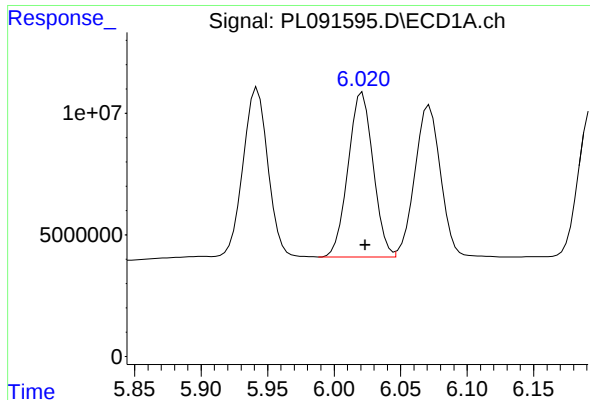
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 89922784
Conc: 53.82 ng/ml



#10 gamma-Chlordane

R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 121562107
Conc: 55.11 ng/ml



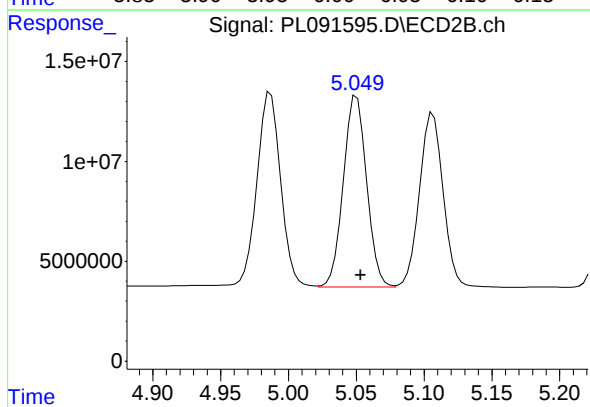
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 88743268
Conc: 55.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

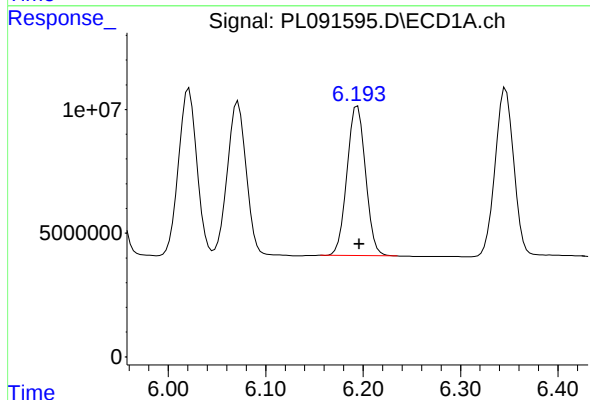
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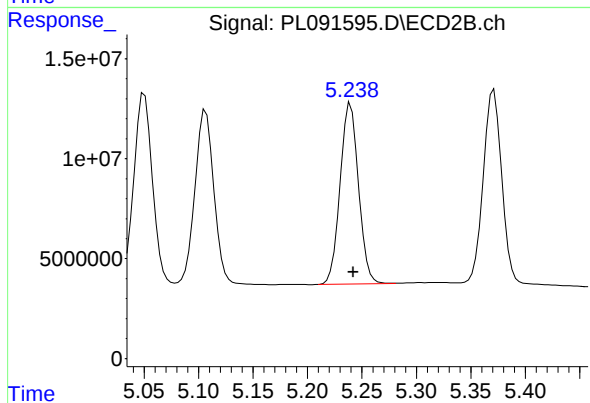
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 114208966
Conc: 55.20 ng/ml



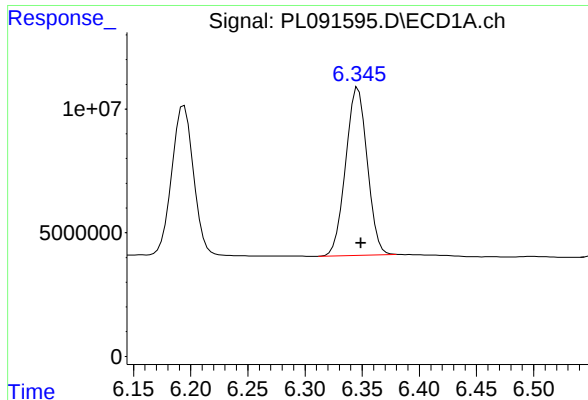
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 79883509
Conc: 54.77 ng/ml



#12 4,4'-DDE

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 105995237
Conc: 55.88 ng/ml



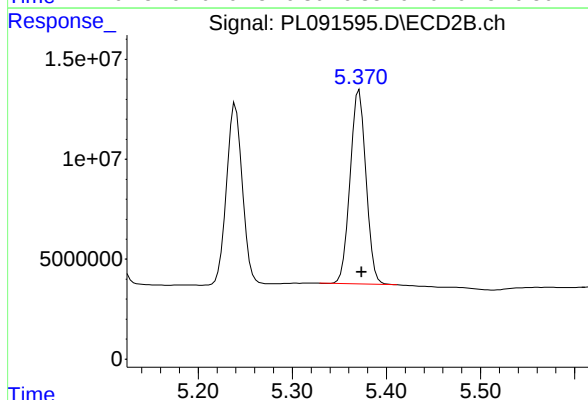
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 89554820
Conc: 54.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

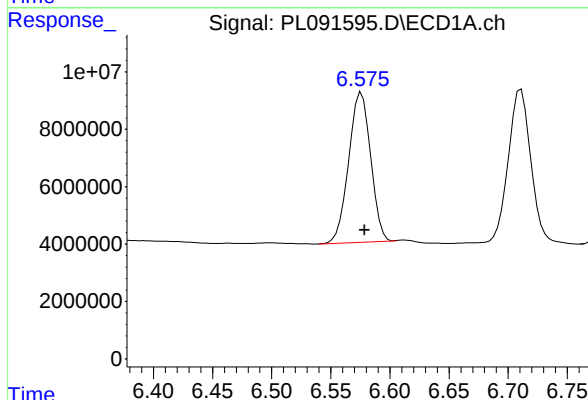
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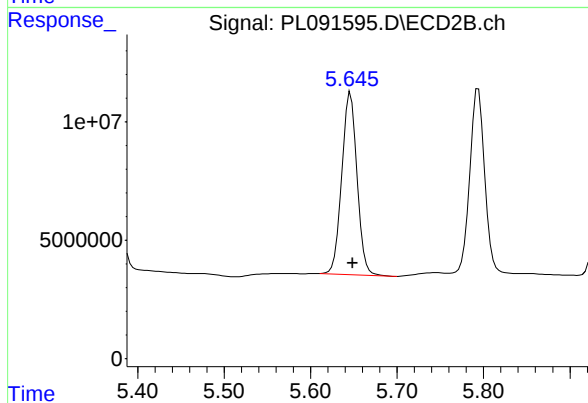
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 113905280
Conc: 55.42 ng/ml



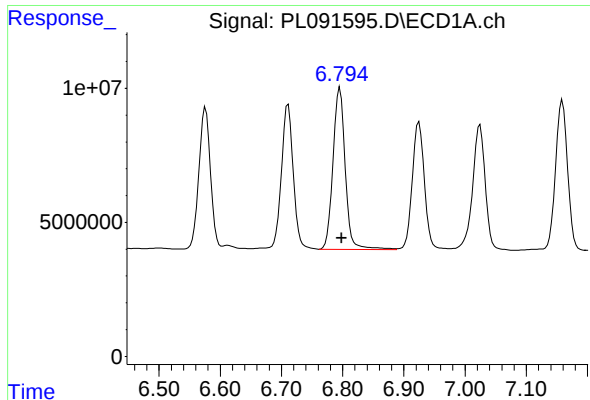
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 67317053
Conc: 50.63 ng/ml



#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.003 min
Response: 93632818
Conc: 49.61 ng/ml



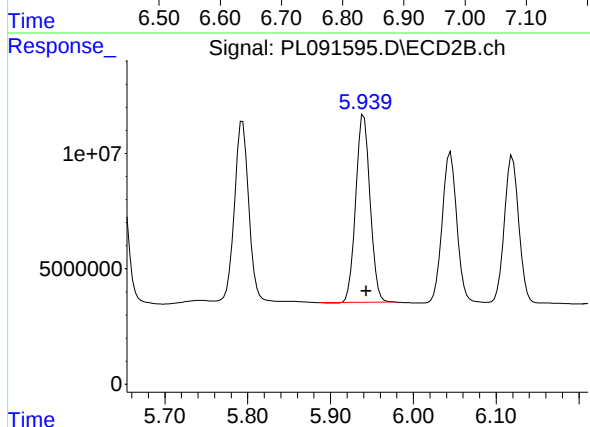
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 83646505
Conc: 53.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

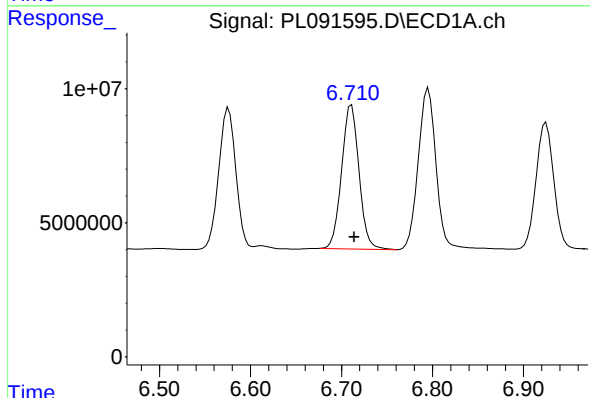
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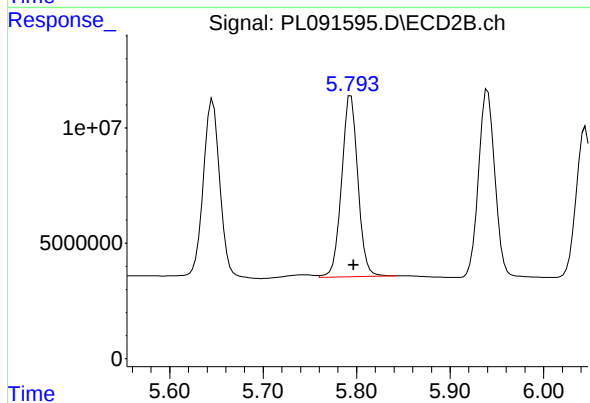
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.003 min
Response: 97842205
Conc: 55.31 ng/ml



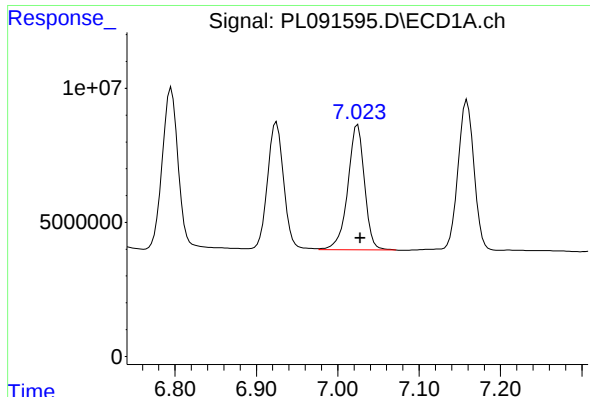
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 71349955
Conc: 56.29 ng/ml



#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.003 min
Response: 95088095
Conc: 56.74 ng/ml



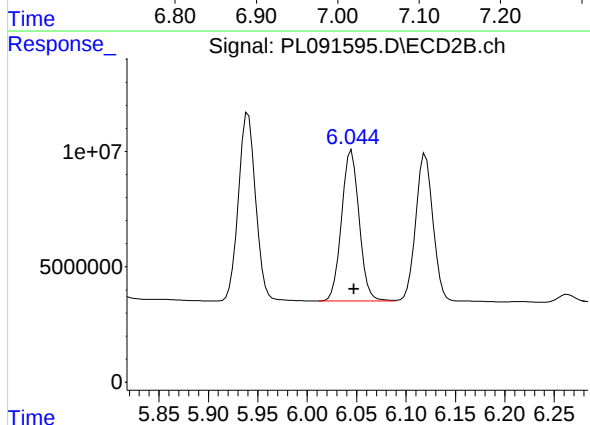
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: -0.003 min
Response: 66754299
Conc: 50.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

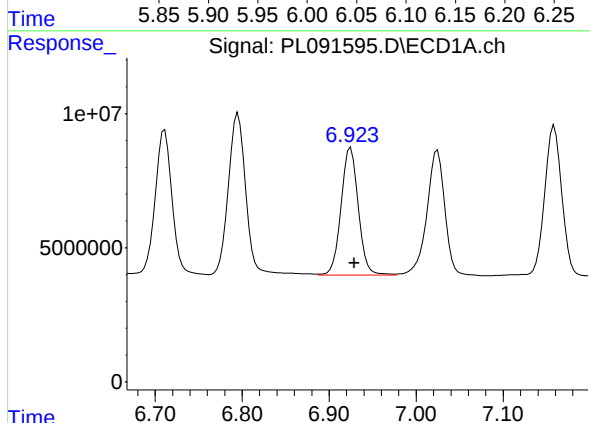
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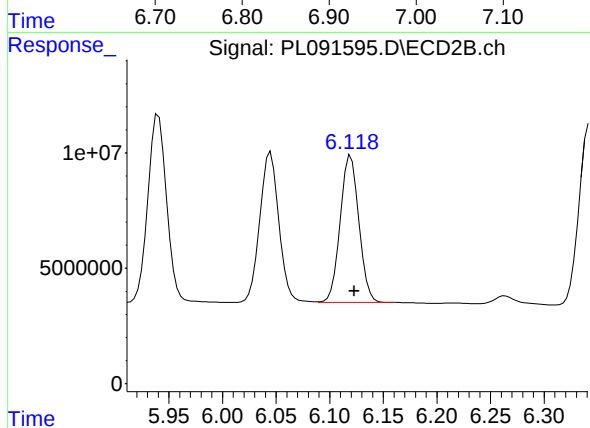
#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: -0.003 min
Response: 80871466
Conc: 50.33 ng/ml



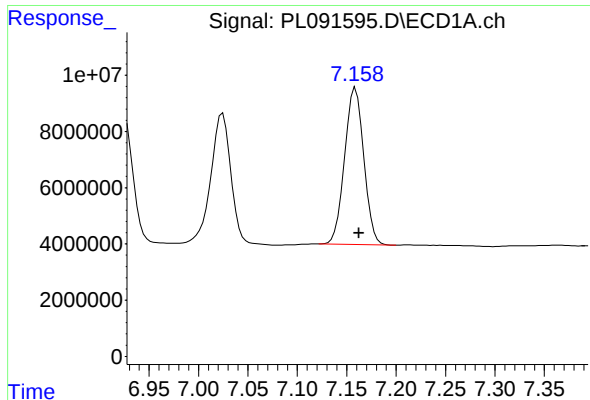
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.004 min
Response: 65767031
Conc: 55.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 77499875
Conc: 56.69 ng/ml



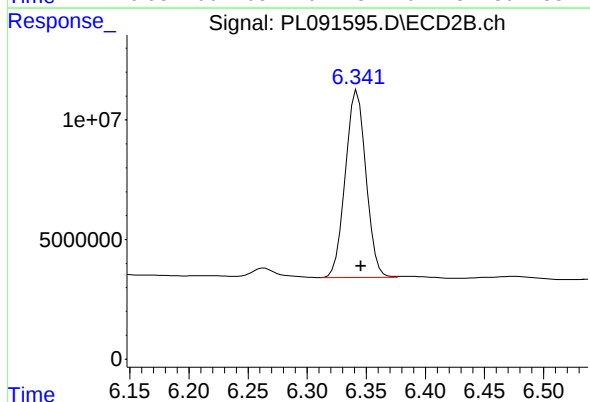
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 75435309
Conc: 54.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

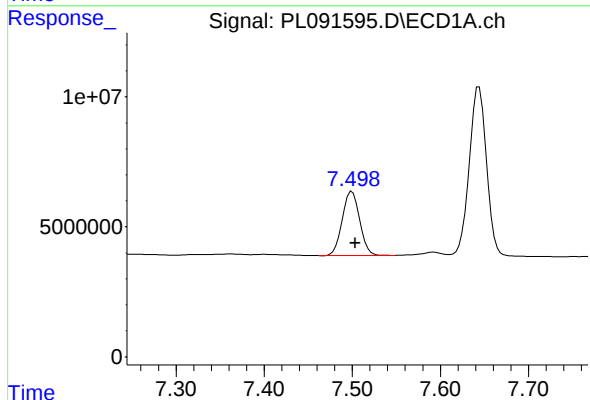
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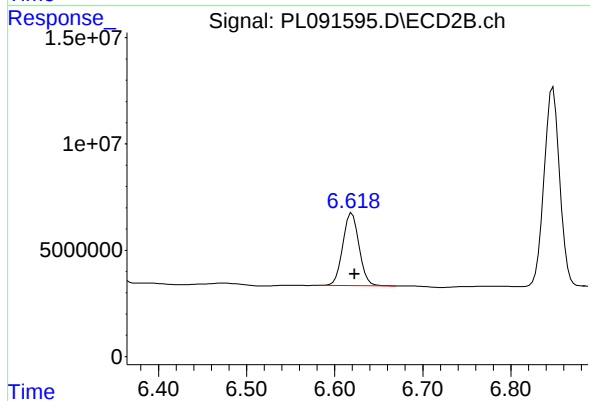
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: -0.003 min
Response: 94938366
Conc: 55.32 ng/ml



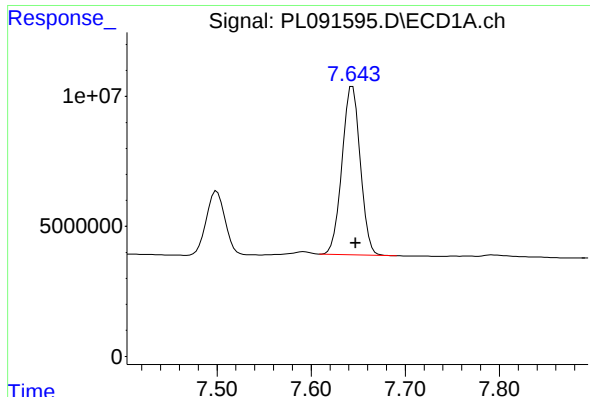
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: -0.004 min
Response: 33978424
Conc: 50.23 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: -0.003 min
Response: 43923782
Conc: 49.59 ng/ml



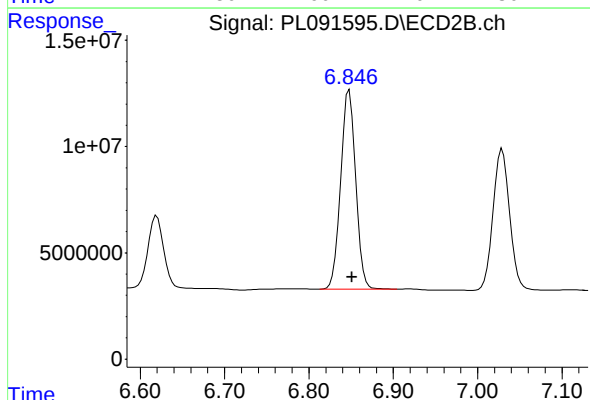
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.003 min
Response: 87497774
Conc: 56.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

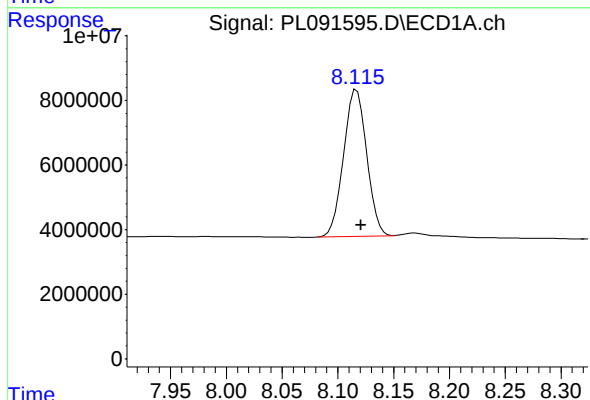
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2024
Supervised By :Ankita Jodhani 09/11/2024



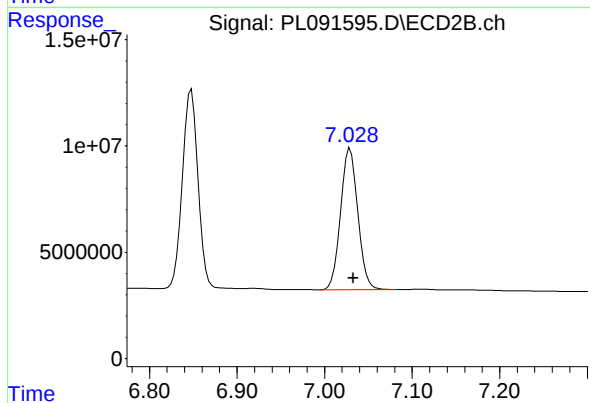
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.003 min
Response: 116046345
Conc: 57.69 ng/ml



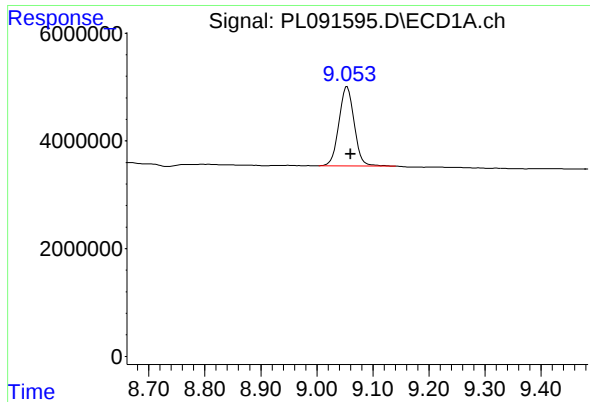
#22 Mirex

R.T.: 8.117 min
Delta R.T.: -0.004 min
Response: 65719603
Conc: 54.88 ng/ml



#22 Mirex

R.T.: 7.029 min
Delta R.T.: -0.003 min
Response: 91077236
Conc: 51.36 ng/ml



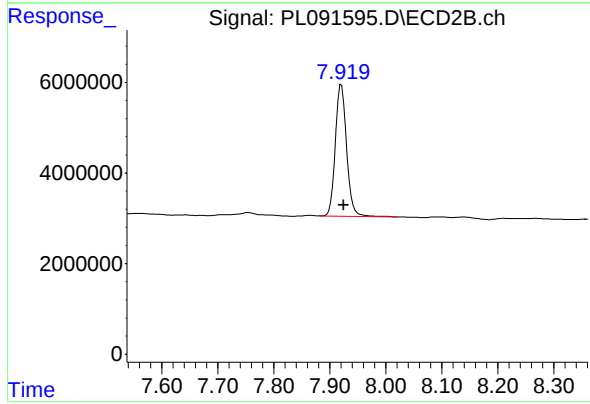
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.006 min
Response: 27853119
Conc: 22.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163218BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.004 min
Response: 40626910
Conc: 22.00 ng/ml