

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090724\
 Data File : PL091537.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2024 15:41
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/06/2024
 Supervised By :Ankita Jodhani 09/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 09:36:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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	100.6E6	111.4E6	46.872	57.048
28) SA Decachlor...	9.051	7.920	76267199	100.2E6	50.026	52.906
Target Compounds						
2) A alpha-BHC	3.998	3.285	141.7E6	161.5E6	47.262	58.244
3) MA gamma-BHC...	4.330	3.615	135.2E6	150.2E6	47.125	57.012
4) MA Heptachlor	4.919	3.955	120.1E6	138.2E6	45.101	53.497
5) MB Aldrin	5.260	4.235	119.1E6	135.7E6	46.140	55.195
6) B beta-BHC	4.527	3.914	65595738	65951521	48.505	56.030
7) B delta-BHC	4.774	4.144	135.2E6	151.0E6	49.648	59.576
8) B Heptachlo...	5.686	4.737	111.2E6	121.7E6	45.459	53.964
9) A Endosulfan I	6.071	5.107	103.2E6	113.1E6	45.965	53.599
10) B gamma-Chl...	5.942	4.987	111.6E6	127.1E6	46.175	53.786
11) B alpha-Chl...	6.021	5.051	110.8E6	125.7E6	46.015	53.450
12) B 4,4'-DDE	6.193	5.240	98591448	114.9E6	47.126	54.983
13) MA Dieldrin	6.346	5.371	108.9E6	122.2E6	46.237	53.633
14) MA Endrin	6.573	5.647	88502075	101.1E6	45.638m	49.638
15) B Endosulfa...	6.794	5.940	97451184	107.4E6	48.156	55.519
16) A 4,4'-DDD	6.709	5.793	89328609	100.4E6	59.104m	60.797m
17) MA 4,4'-DDT	7.023	6.043	76641789	83343422	43.177	46.917m
18) B Endrin al...	6.922	6.120	74631564	81247820	46.750m	52.159
19) B Endosulfa...	7.158	6.342	91897622	104.3E6	47.897	54.101
20) A Methoxychlor	7.498	6.618	42628416	46412554	45.337	46.741m
21) B Endrin ke...	7.643	6.846	102.5E6	121.4E6	48.835	55.735m
22) Mirex	8.116	7.029	78111688	94745413	45.917	50.763

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090724\
Data File : PL091537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2024 15:41
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

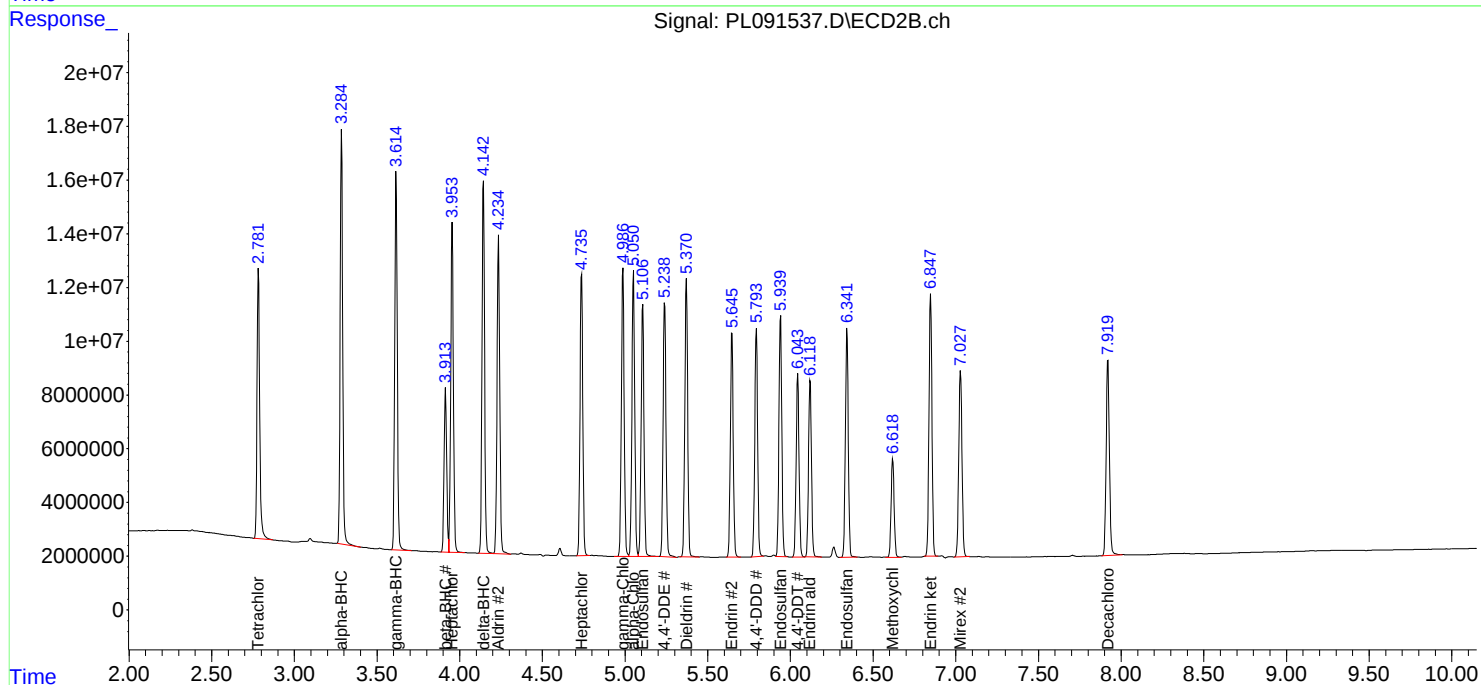
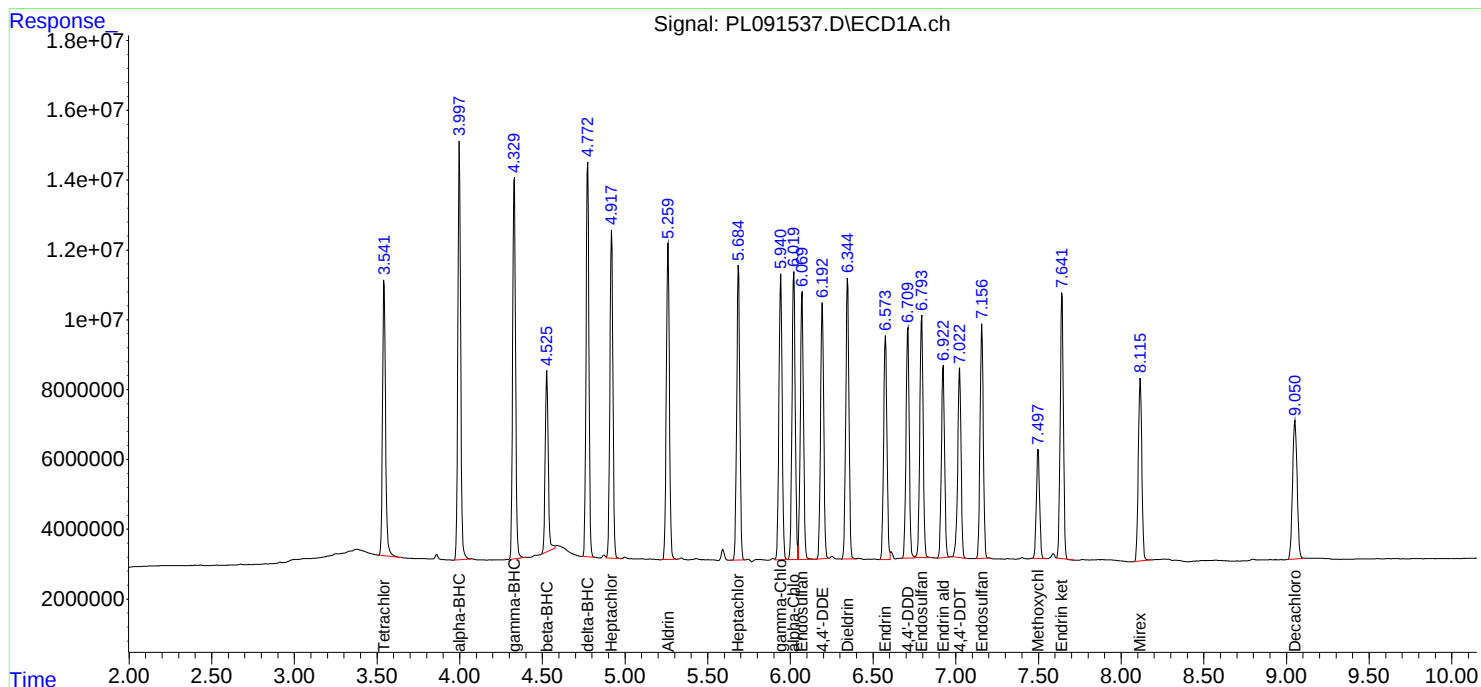
APPROVED

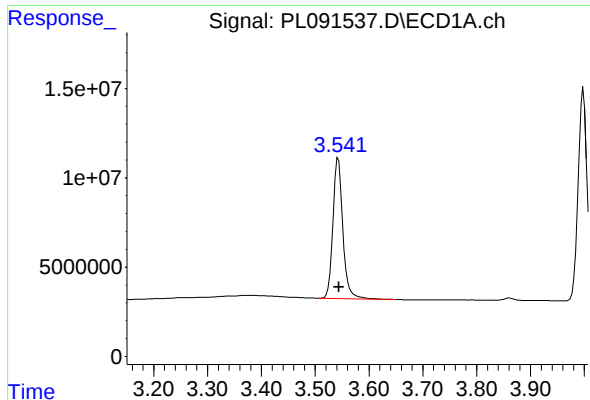
Reviewed By :Abdul Mirza 09/06/2024

Supervised By :Ankita Jodhani 09/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 09:36:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 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.: 3.543 min
Delta R.T.: -0.001 min
Response: 100642767
Conc: 46.87 ng/ml

Instrument :

ECD_L

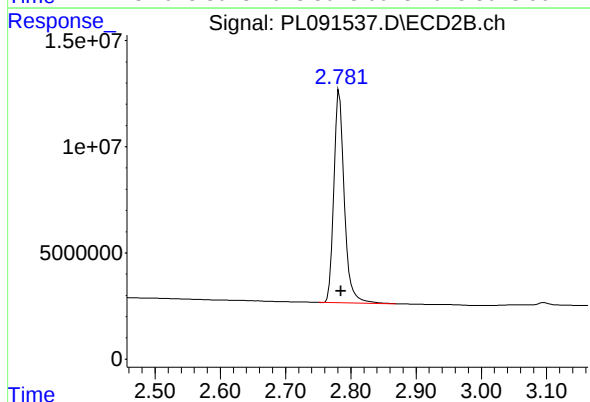
ClientSampleId :

PSTDCCC050

Manual Integrations

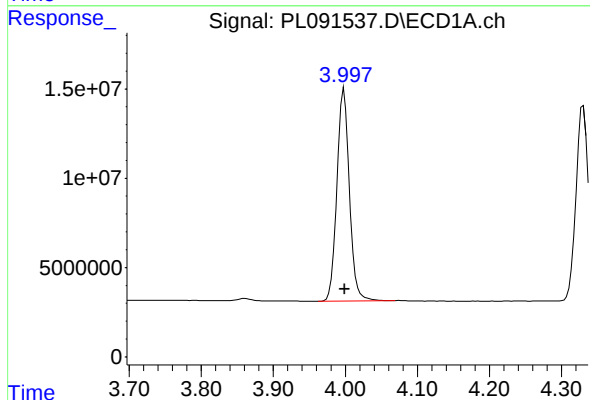
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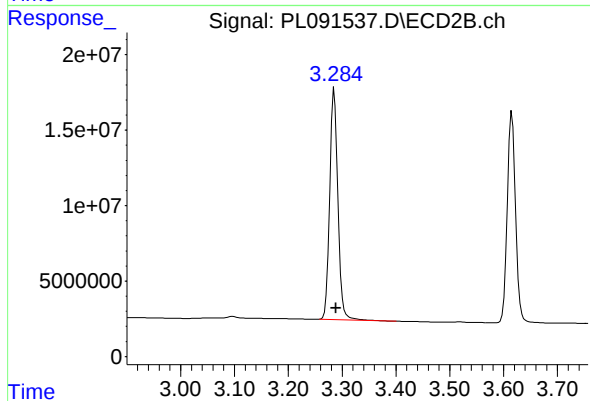
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: -0.002 min
Response: 111357914
Conc: 57.05 ng/ml



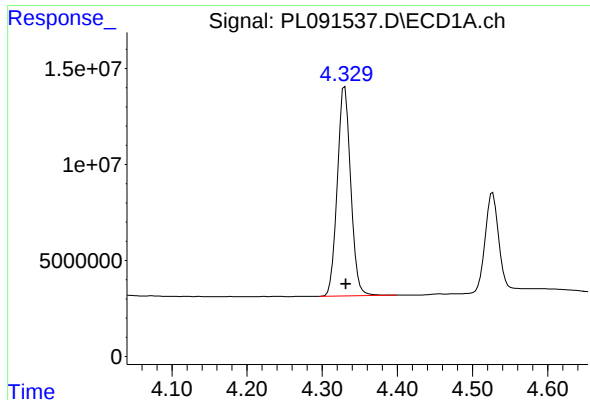
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 141682418
Conc: 47.26 ng/ml



#2 alpha-BHC

R.T.: 3.285 min
Delta R.T.: -0.003 min
Response: 161537652
Conc: 58.24 ng/ml



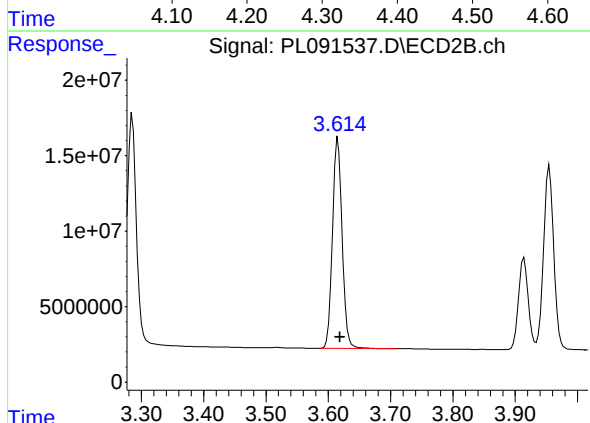
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.001 min
Response: 135187019
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

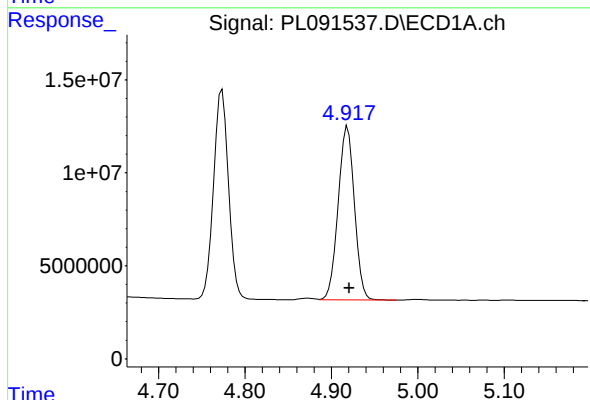
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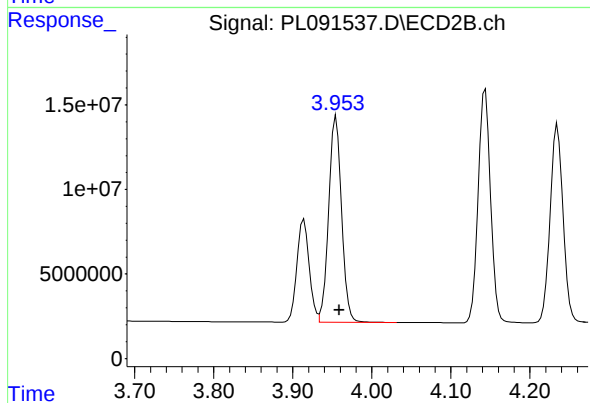
#3 gamma-BHC (Lindane)

R.T.: 3.615 min
Delta R.T.: -0.003 min
Response: 150166720
Conc: 57.01 ng/ml



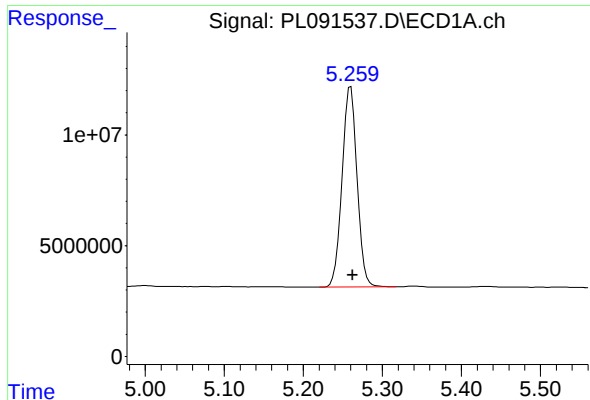
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 120103850
Conc: 45.10 ng/ml



#4 Heptachlor

R.T.: 3.955 min
Delta R.T.: -0.004 min
Response: 138166482
Conc: 53.50 ng/ml



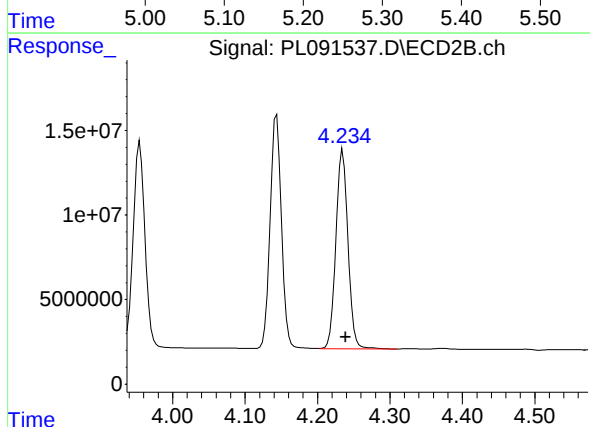
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 119081125
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

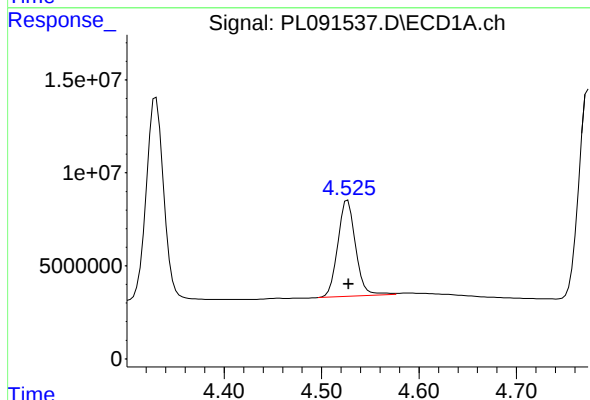
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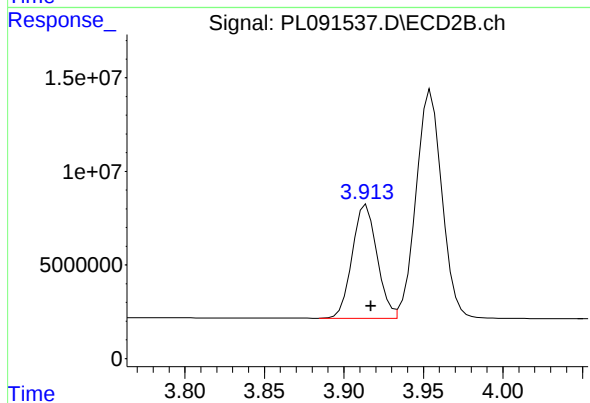
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: -0.004 min
Response: 135733692
Conc: 55.19 ng/ml



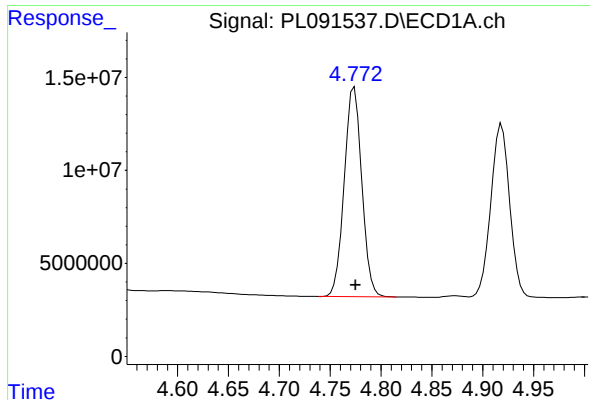
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 65595738
Conc: 48.50 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.003 min
Response: 65951521
Conc: 56.03 ng/ml



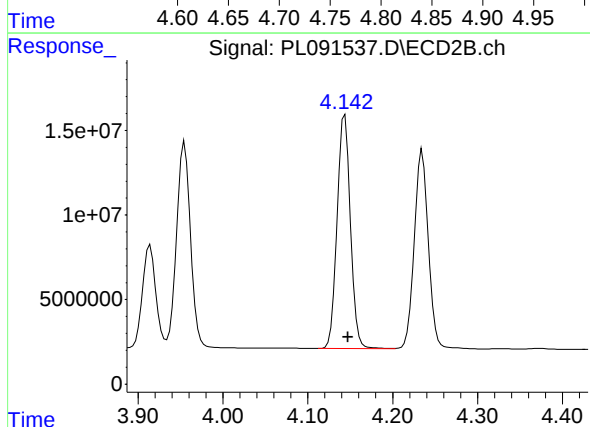
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.001 min
Response: 135167002
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

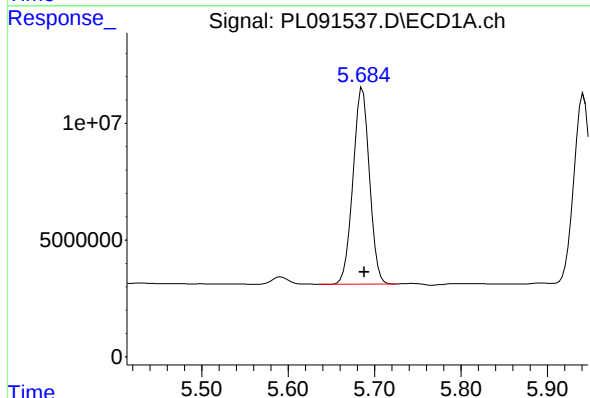
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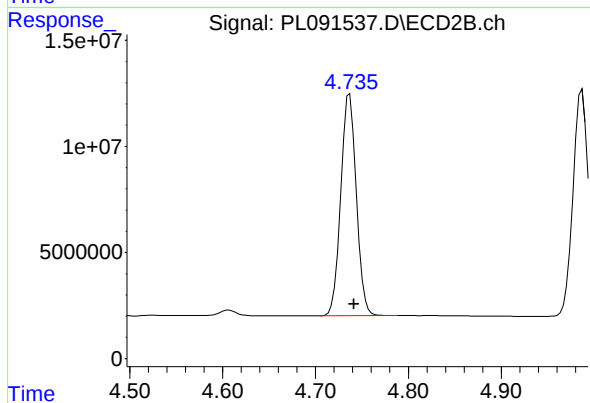
#7 delta-BHC

R.T.: 4.144 min
Delta R.T.: -0.003 min
Response: 150977443
Conc: 59.58 ng/ml



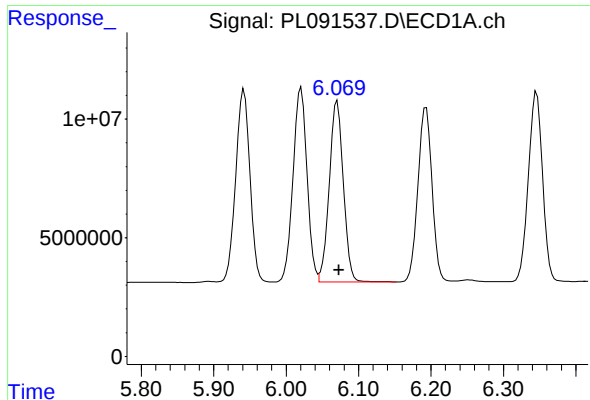
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 111217921
Conc: 45.46 ng/ml



#8 Heptachlor epoxide

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 121679198
Conc: 53.96 ng/ml



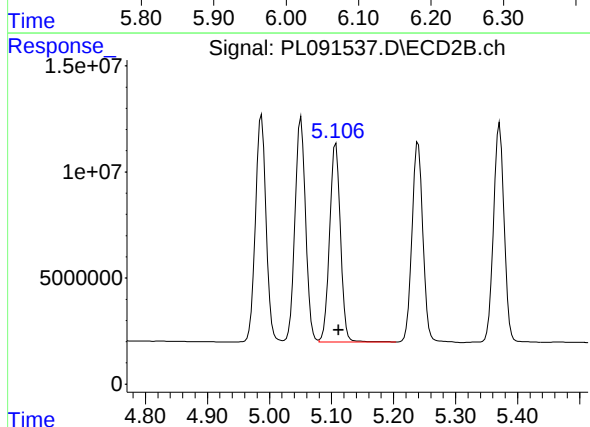
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 103206597
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

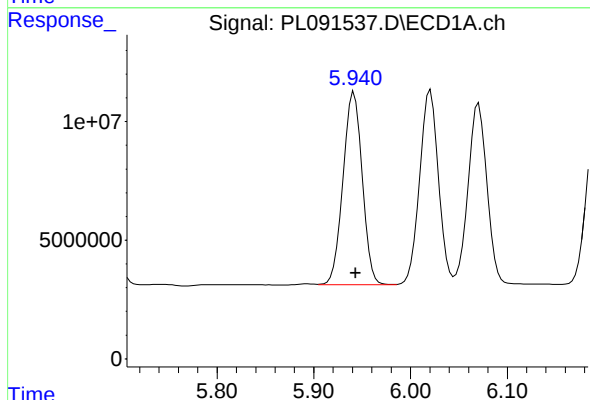
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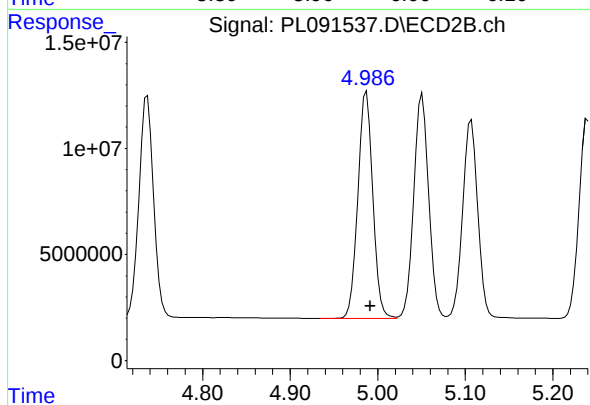
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 113103101
Conc: 53.60 ng/ml



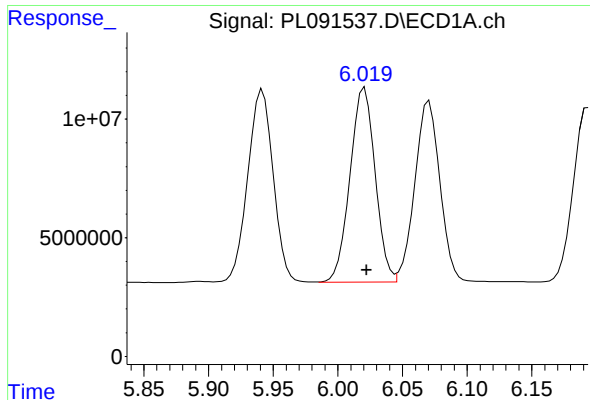
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.001 min
Response: 111579147
Conc: 46.18 ng/ml



#10 gamma-Chlordane

R.T.: 4.987 min
Delta R.T.: -0.004 min
Response: 127148053
Conc: 53.79 ng/ml



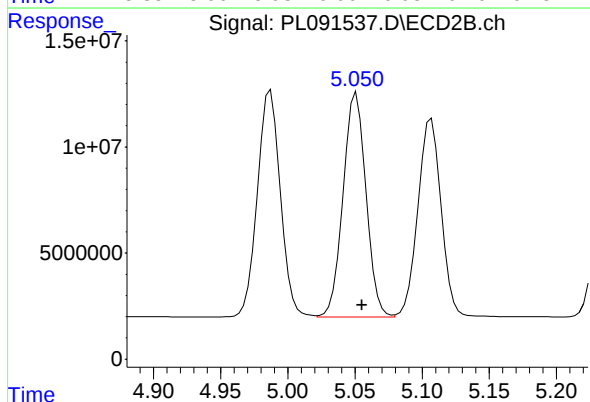
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 110792149
Conc: 46.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

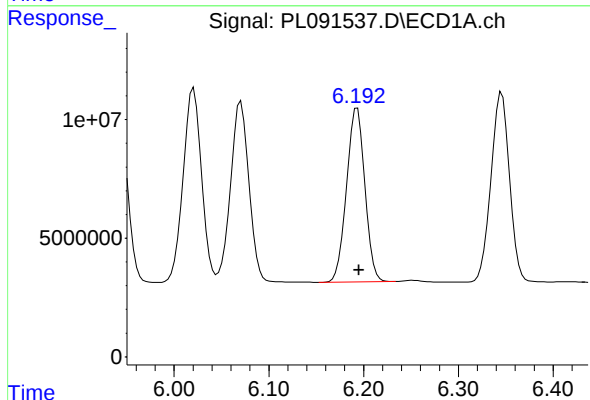
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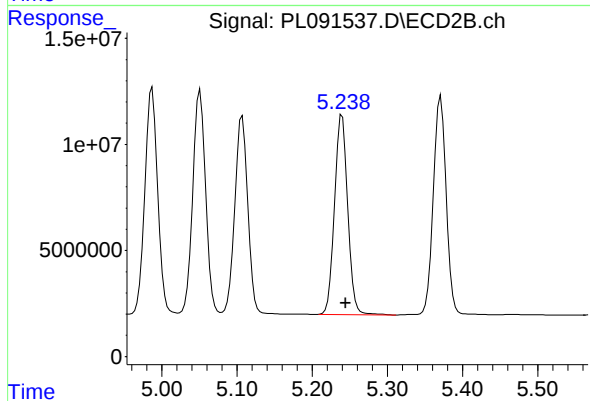
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.004 min
Response: 125743673
Conc: 53.45 ng/ml



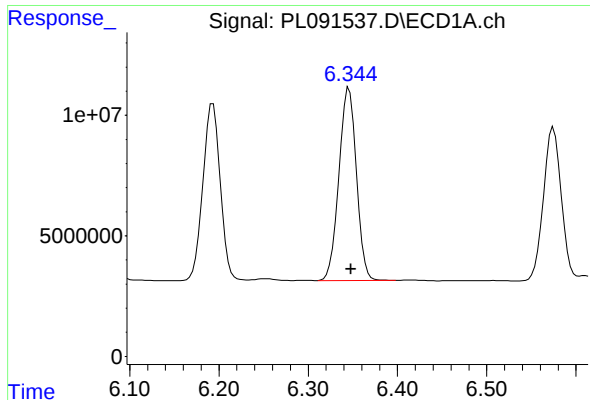
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 98591448
Conc: 47.13 ng/ml



#12 4,4'-DDE

R.T.: 5.240 min
Delta R.T.: -0.005 min
Response: 114882255
Conc: 54.98 ng/ml



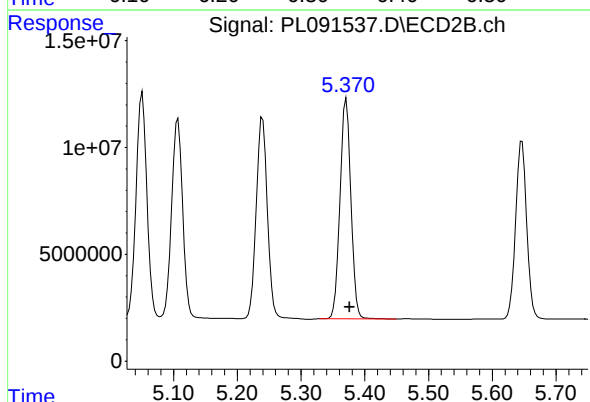
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.002 min
Response: 108899484
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

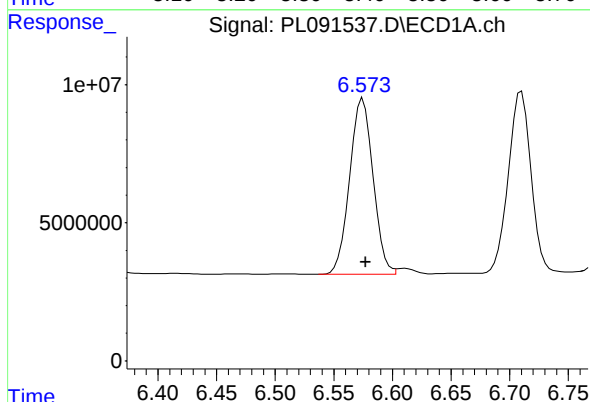
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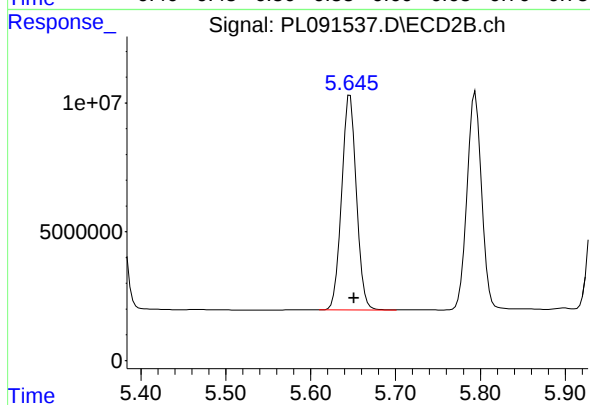
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: -0.005 min
Response: 122150697
Conc: 53.63 ng/ml



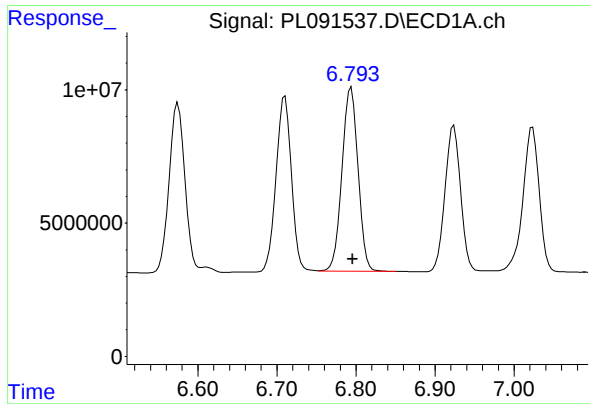
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 88502075
Conc: 45.64 ng/ml m



#14 Endrin

R.T.: 5.647 min
Delta R.T.: -0.005 min
Response: 101119635
Conc: 49.64 ng/ml



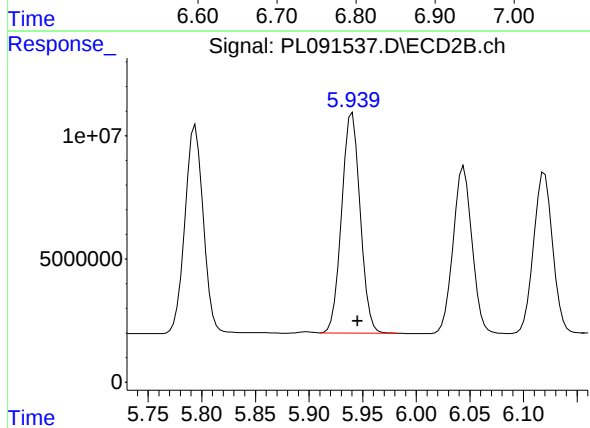
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 97451184
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

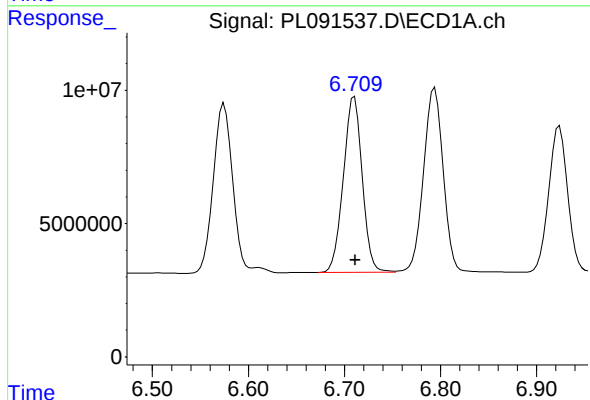
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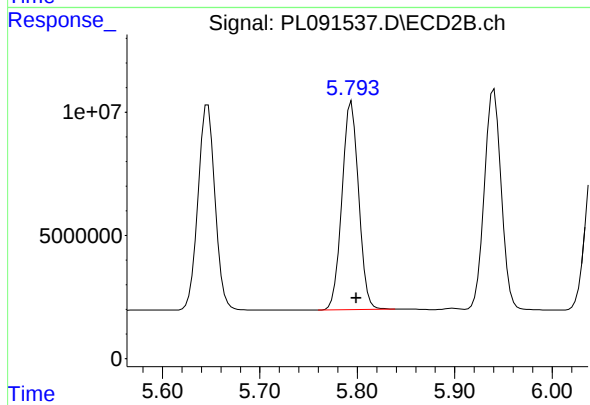
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.005 min
Response: 107411270
Conc: 55.52 ng/ml



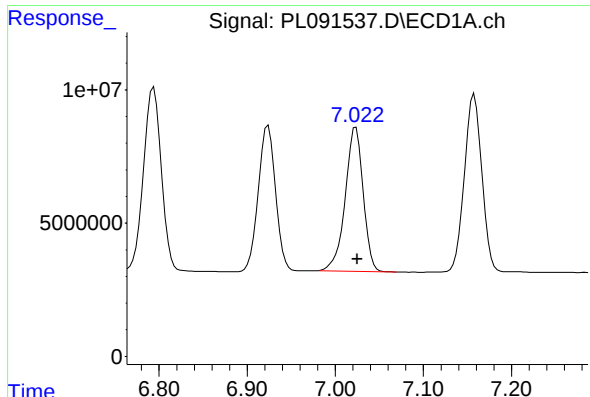
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.003 min
Response: 89328609
Conc: 59.10 ng/ml m



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.006 min
Response: 100363478
Conc: 60.80 ng/ml m



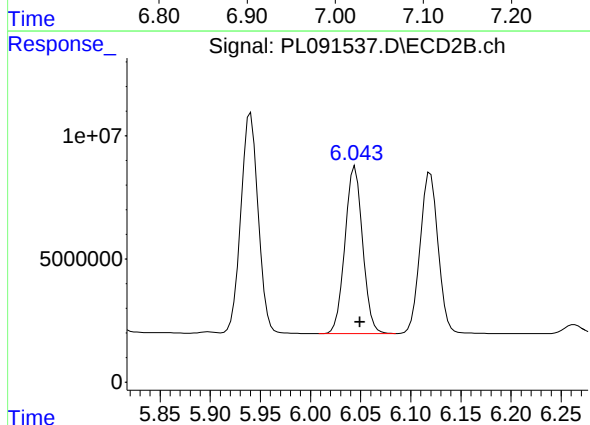
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 76641789
Conc: 43.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

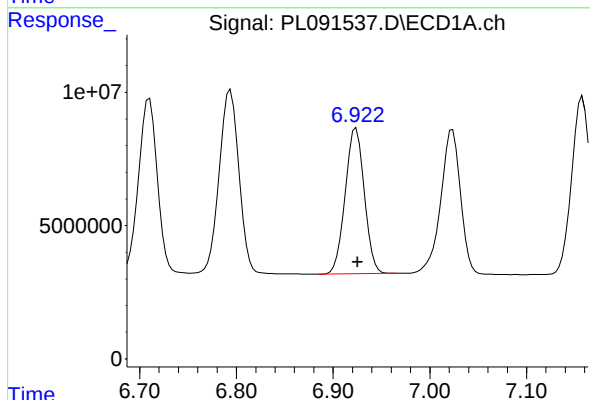
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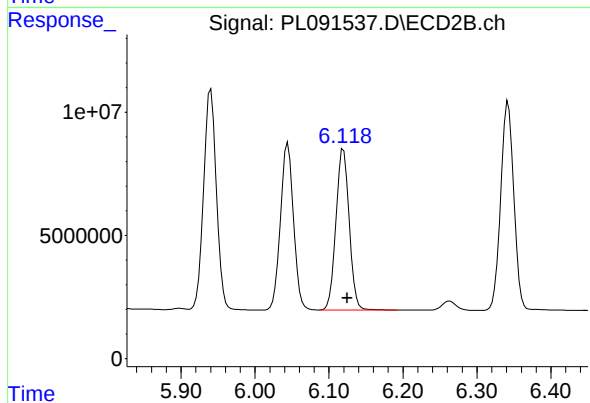
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.006 min
Response: 83343422
Conc: 46.92 ng/ml



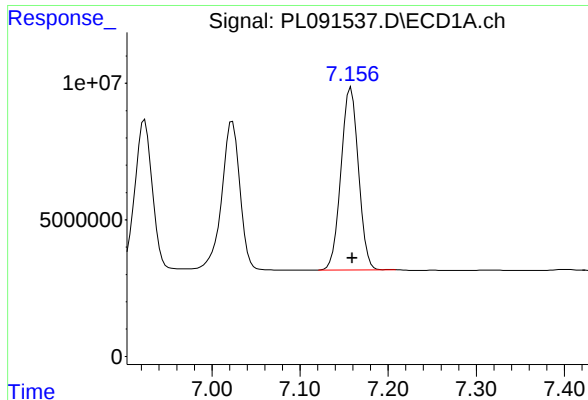
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.003 min
Response: 74631564
Conc: 46.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.005 min
Response: 81247820
Conc: 52.16 ng/ml



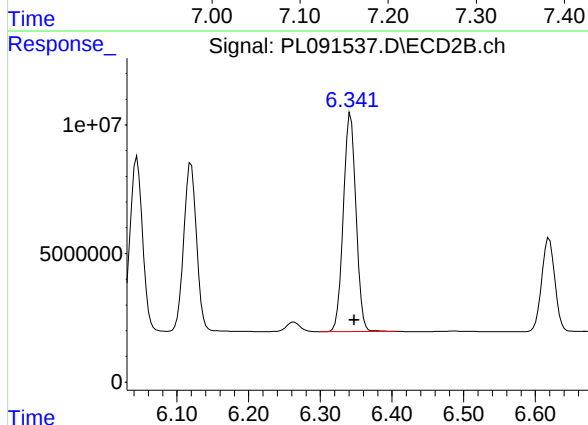
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: -0.002 min
Response: 91897622
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

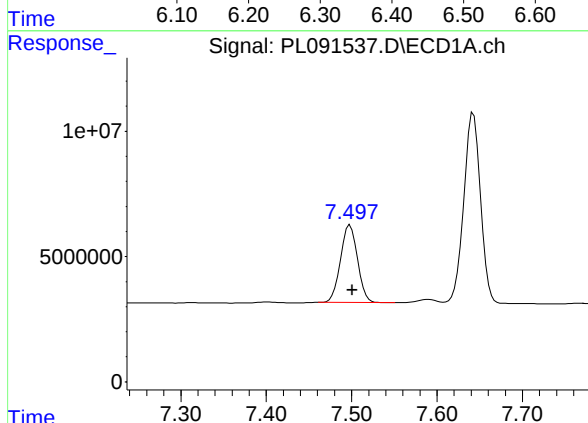
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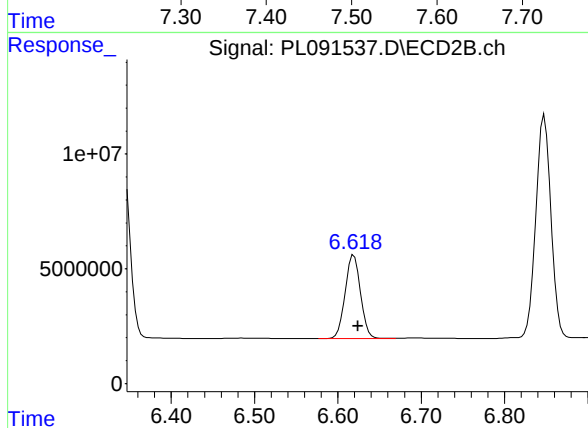
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: -0.005 min
Response: 104307502
Conc: 54.10 ng/ml



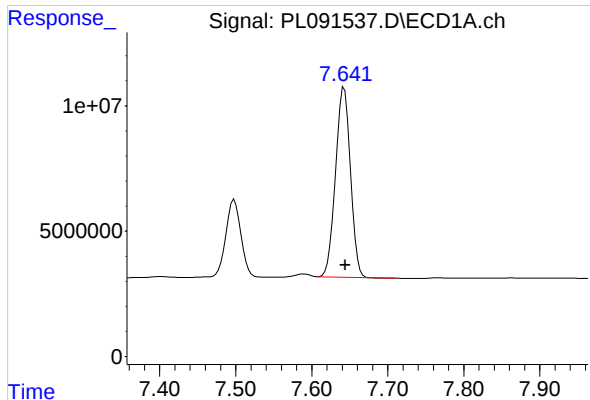
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 42628416
Conc: 45.34 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.007 min
Response: 46412554
Conc: 46.74 ng/ml m



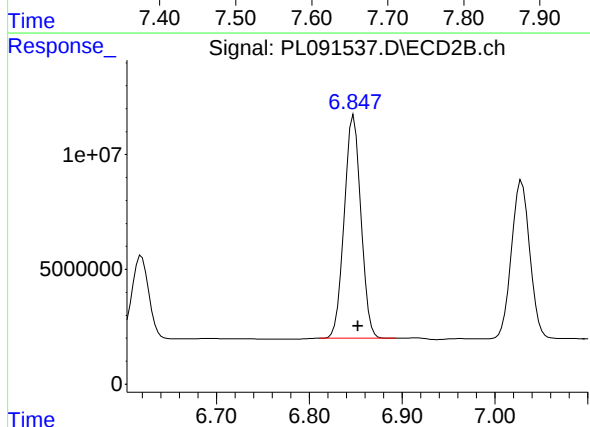
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 102540312
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

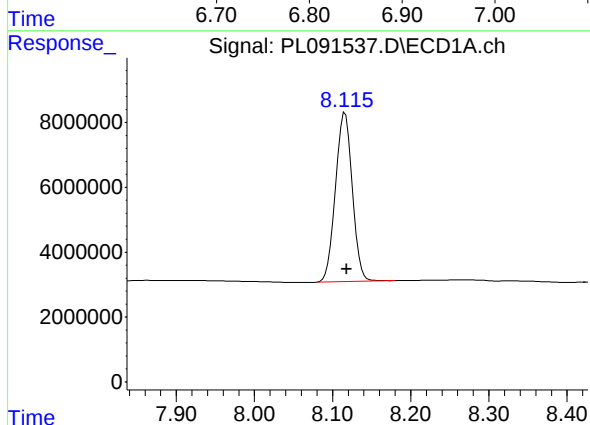
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/06/2024
Supervised By :Ankita Jodhani 09/06/2024



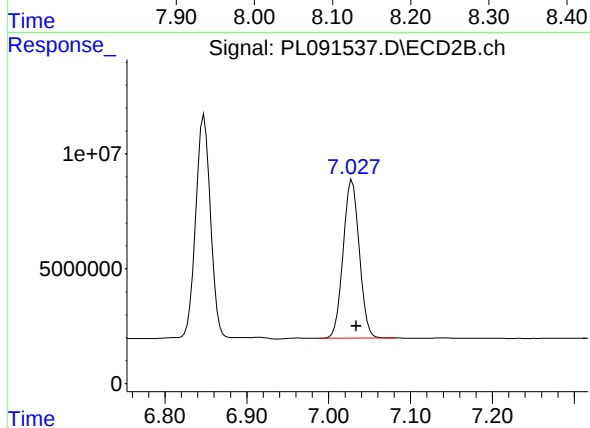
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.006 min
Response: 121390076
Conc: 55.74 ng/ml



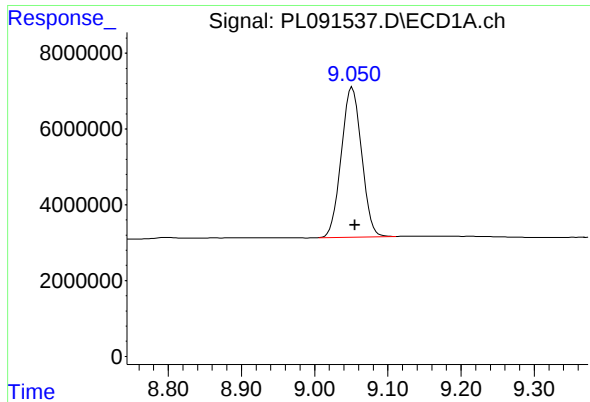
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.002 min
Response: 78111688
Conc: 45.92 ng/ml



#22 Mirex

R.T.: 7.029 min
Delta R.T.: -0.005 min
Response: 94745413
Conc: 50.76 ng/ml



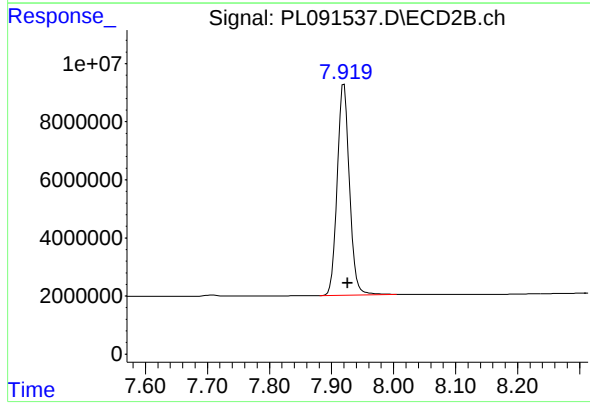
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.004 min
Response: 76267199
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.006 min
Response: 100209645
Conc: 52.91 ng/ml