

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091724\
 Data File : PL091791.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2024 16:45
 Operator : AR\AJ
 Sample : P4027-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 DN-B-49MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/18/2024
 Supervised By : Ankita Jodhani 09/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 01:13:46 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...	3.540	2.780	29980438	32889676	19.236m	17.585
28)	SA Decachlor...	9.057	7.922	21524332	30440093	17.711	16.485
Target Compounds							
2)	A alpha-BHC	3.997	3.284	147.0E6	182.3E6	68.060	68.553
3)	MA gamma-BHC...	4.328	3.614	140.7E6	171.5E6	68.458m	69.746
4)	MA Heptachlor	4.919	3.954	134.1E6	172.5E6	71.578	71.612
5)	MB Aldrin	5.261	4.234	127.6E6	160.7E6	68.489	70.416
6)	B beta-BHC	4.527	3.914	63506767	75035981	69.786	68.685
7)	B delta-BHC	4.774	4.143	135.4E6	168.4E6	70.474	73.189
8)	B Heptachlo...	5.687	4.736	116.2E6	140.5E6	69.655	66.666m
9)	A Endosulfan I	6.072	5.107	112.8E6	136.0E6	72.389	70.485
10)	B gamma-Chl...	5.942	4.986	113.3E6	150.7E6	67.807	68.343m
11)	B alpha-Chl...	6.022	5.051	119.3E6	153.0E6	74.030	73.925
12)	B 4,4'-DDE	6.195	5.240	103.9E6	141.1E6	71.208	74.384
13)	MA Dieldrin	6.347	5.371	115.1E6	146.1E6	70.557	71.074
14)	MA Endrin	6.576	5.645	100.8E6	130.9E6	75.776m	69.356m
15)	B Endosulfa...	6.796	5.941	91514205	123.8E6	59.041m	70.011
16)	A 4,4'-DDD	6.711	5.793	88872148	107.5E6	70.113m	64.164m
17)	MA 4,4'-DDT	7.025	6.045	97446488	122.9E6	74.287m	76.462
18)	B Endrin al...	6.925	6.121	80085201	97033796	67.404m	70.981
19)	B Endosulfa...	7.160	6.343	96217837	120.3E6	68.904	70.120
20)	A Methoxychlor	7.502	6.620	52035730	64518184	76.923	72.839
21)	B Endrin ke...	7.645	6.849	106.9E6	134.9E6	69.111	67.056
22)	Mirex	8.119	7.029	79031775	106.0E6	66.001	59.792

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091724\
Data File : PL091791.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Sep 2024 16:45
Operator : AR\AJ
Sample : P4027-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

DN-B-49MS

Manual Integrations

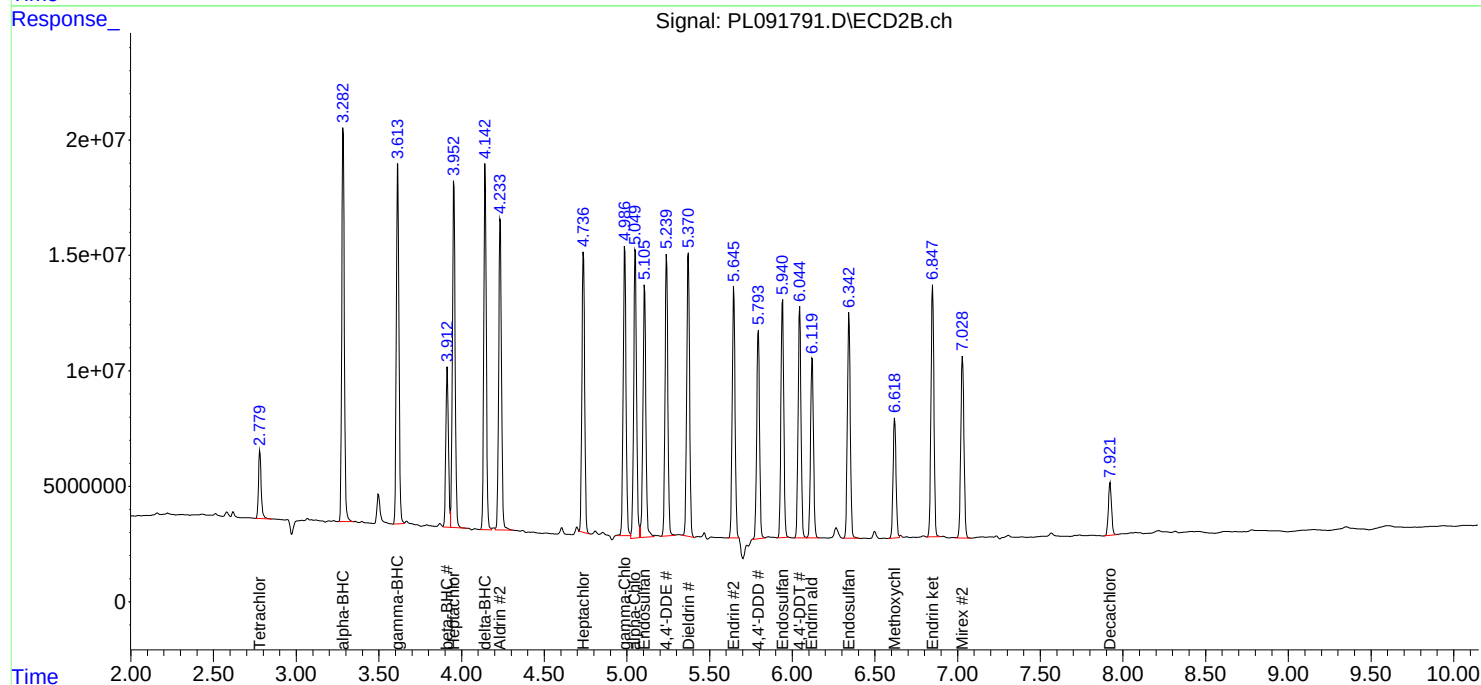
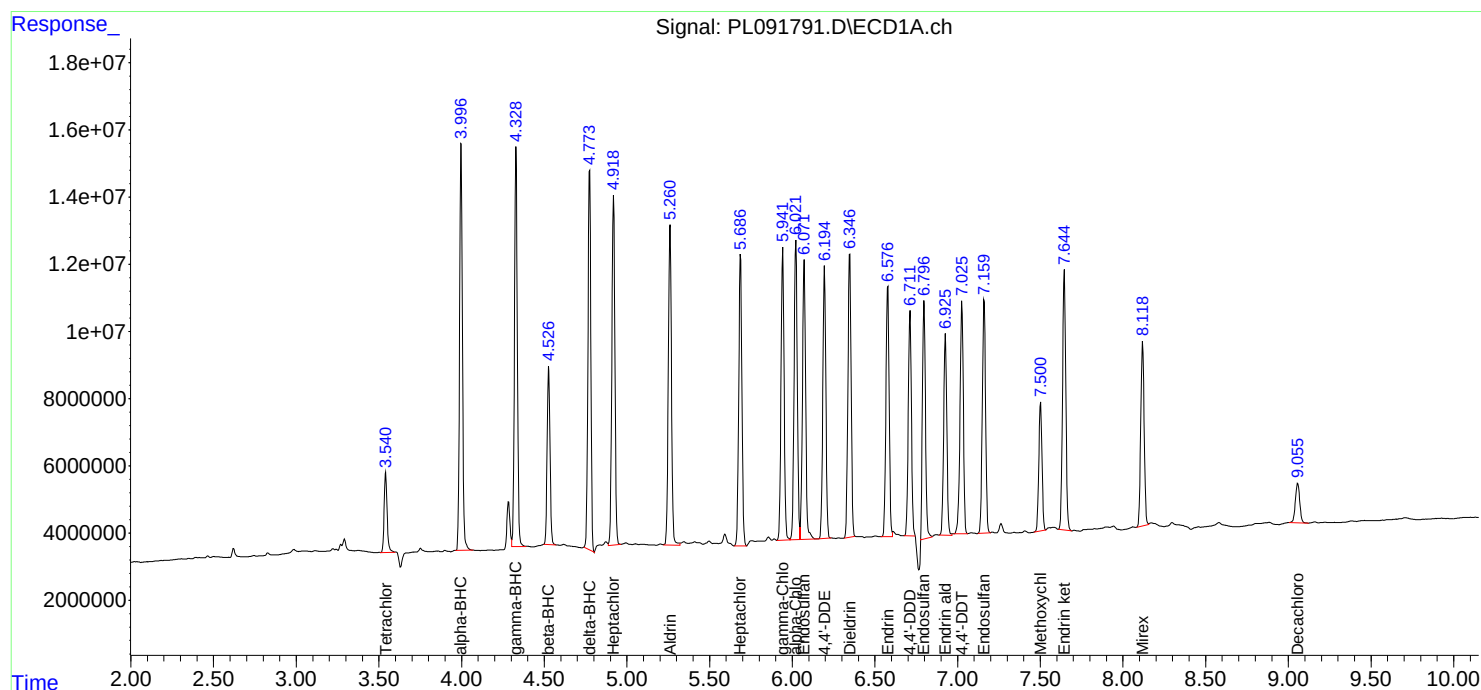
APPROVED

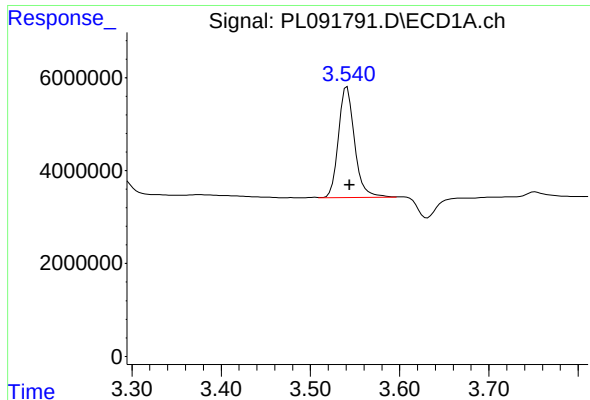
Reviewed By :Abdul Mirza 09/18/2024

Supervised By :Ankita Jodhani 09/18/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 01:13:46 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





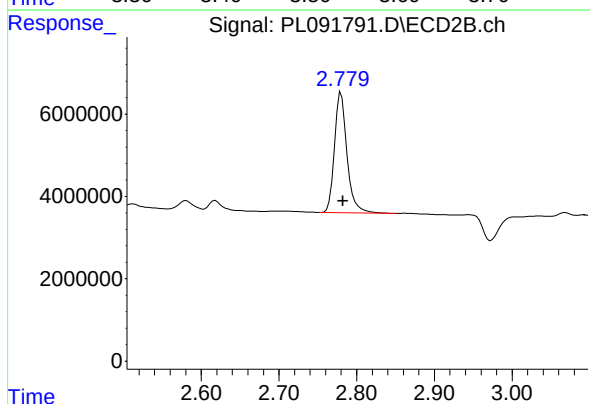
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 29980438
Conc: 19.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MS

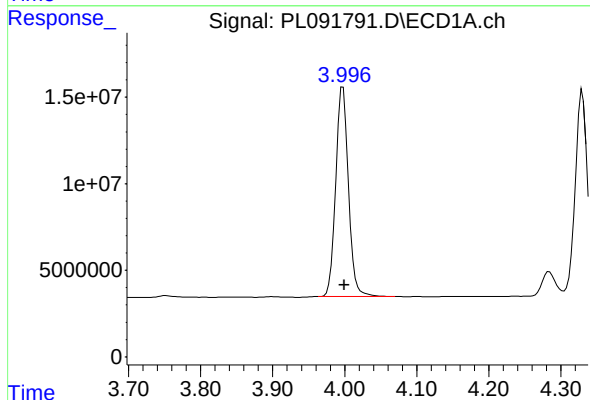
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



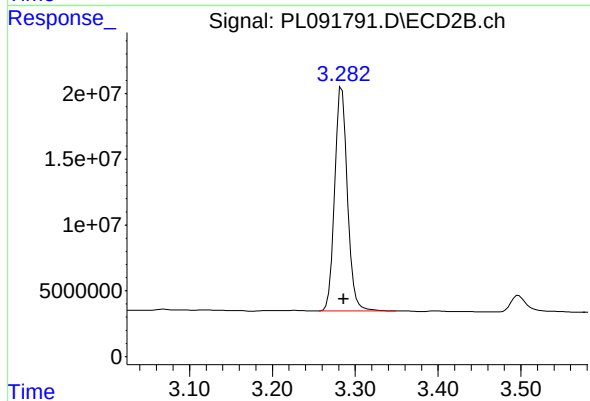
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.003 min
Response: 32889676
Conc: 17.59 ng/ml



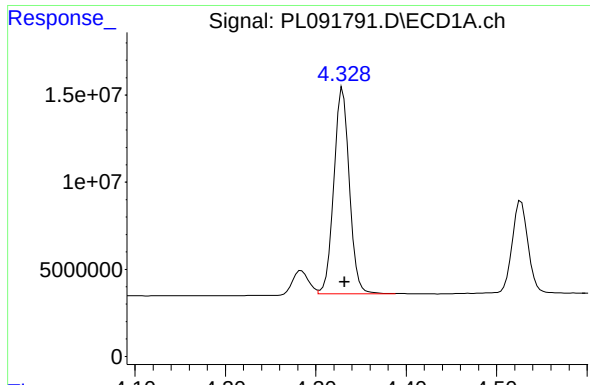
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 147005163
Conc: 68.06 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 182320153
Conc: 68.55 ng/ml



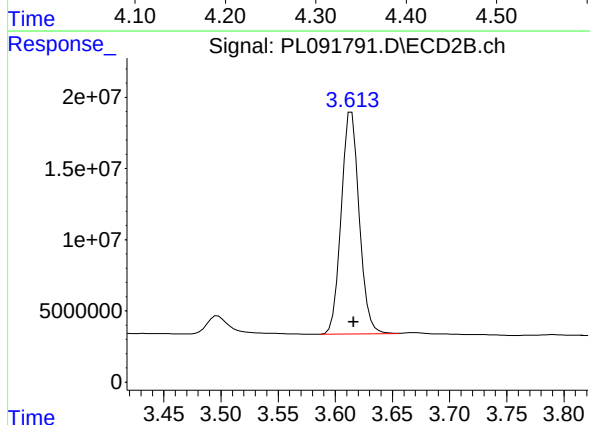
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 140729630
Conc: 68.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MS

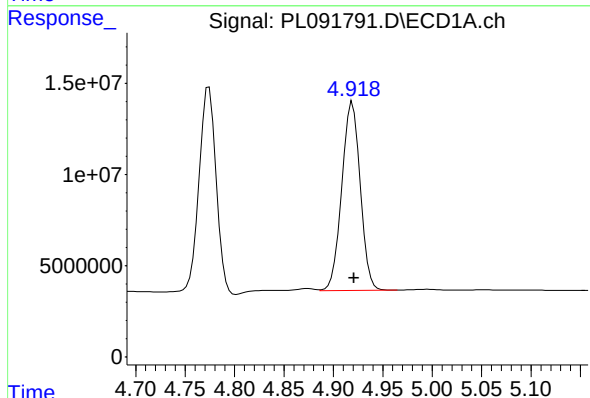
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



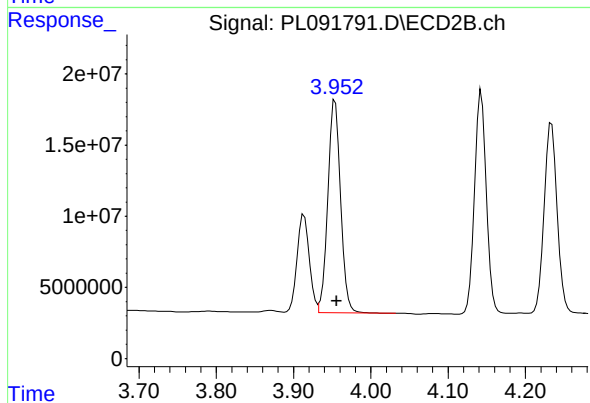
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 171538523
Conc: 69.75 ng/ml



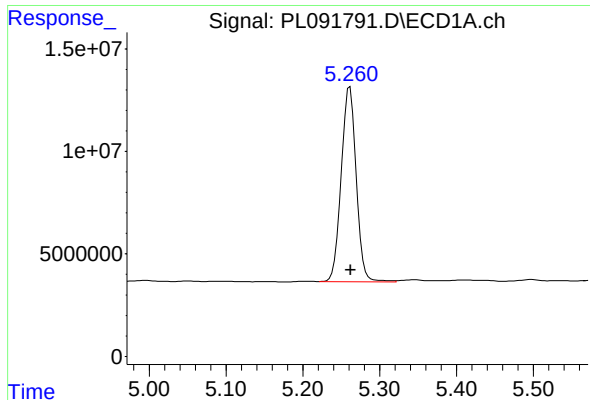
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 134066470
Conc: 71.58 ng/ml



#4 Heptachlor

R.T.: 3.954 min
Delta R.T.: -0.002 min
Response: 172464426
Conc: 71.61 ng/ml



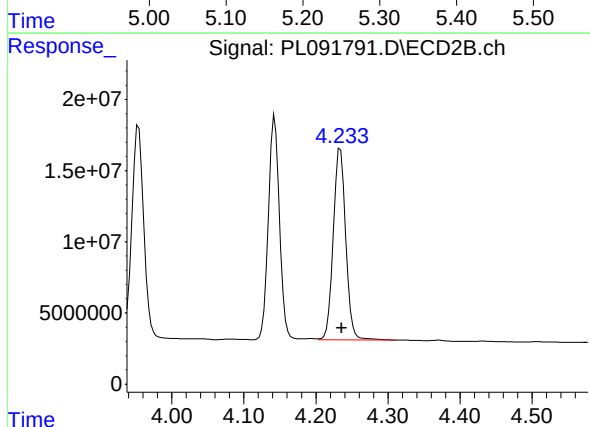
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 127566320
Conc: 68.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MS

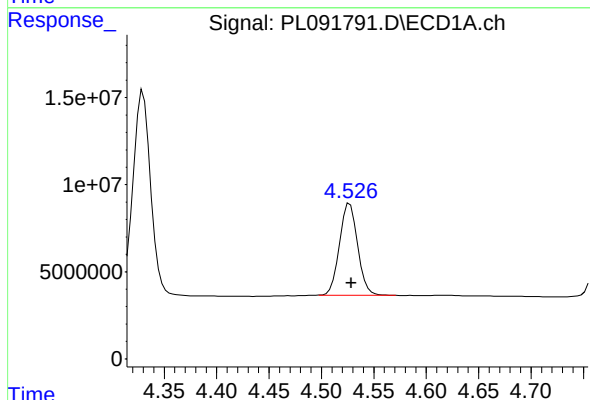
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



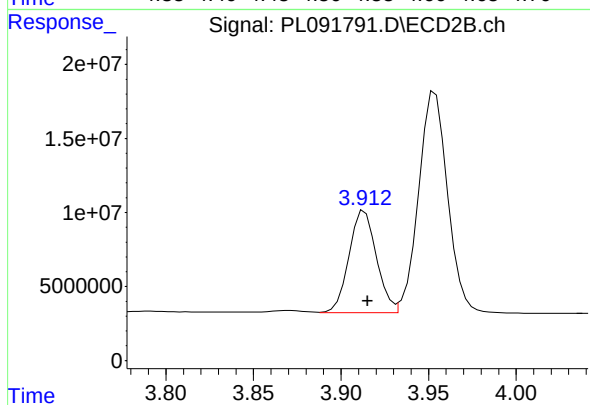
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 160654479
Conc: 70.42 ng/ml



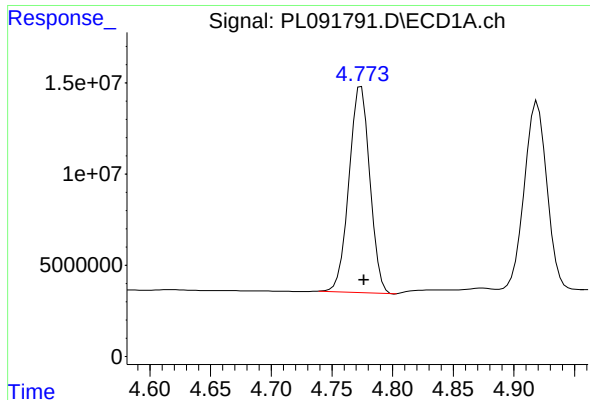
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 63506767
Conc: 69.79 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.002 min
Response: 75035981
Conc: 68.68 ng/ml



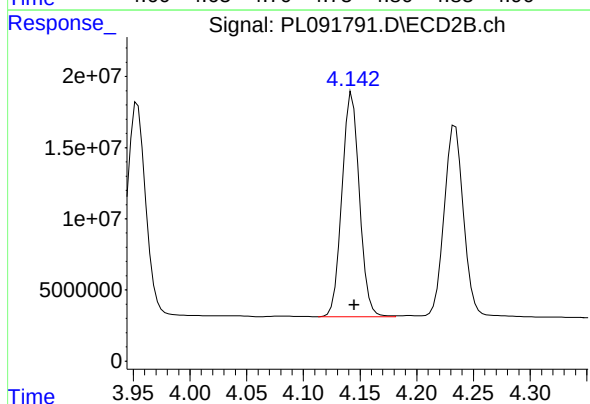
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 135392151
Conc: 70.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MS

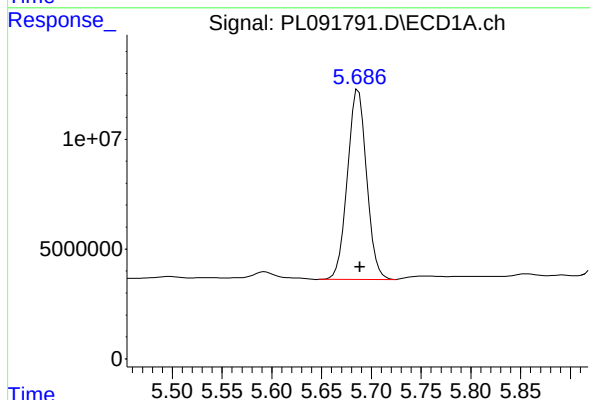
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



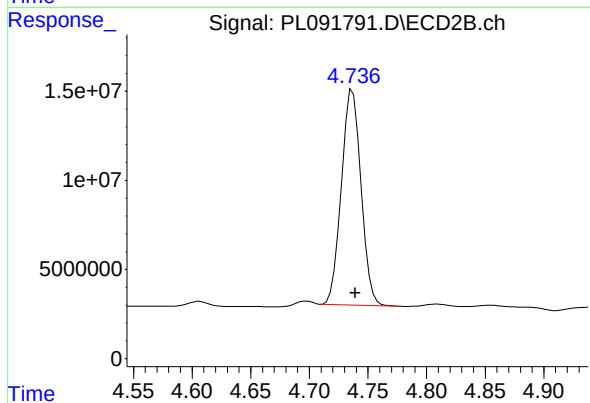
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 168389007
Conc: 73.19 ng/ml



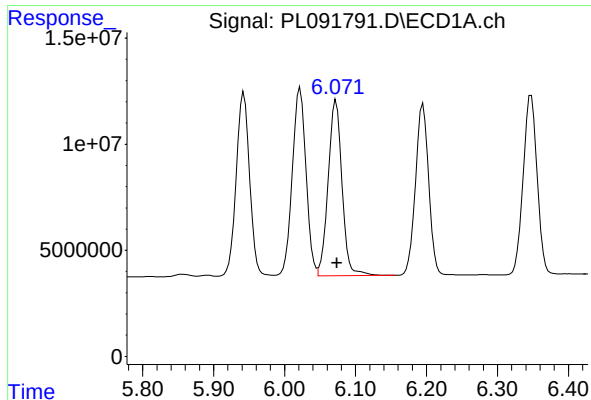
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 116233813
Conc: 69.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.004 min
Response: 140512521
Conc: 66.67 ng/ml m



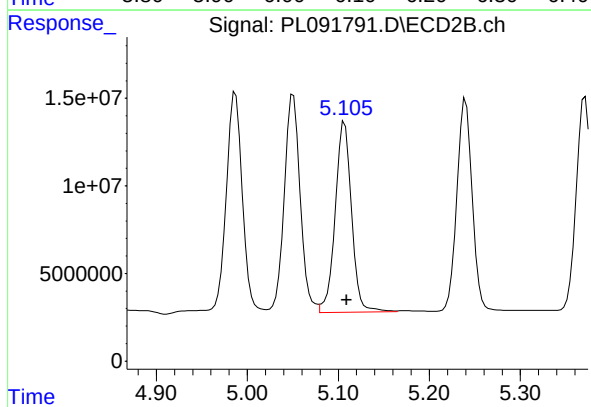
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 112789576
Conc: 72.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MS

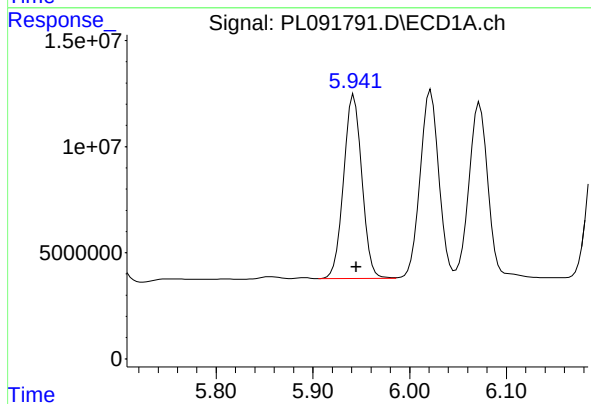
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



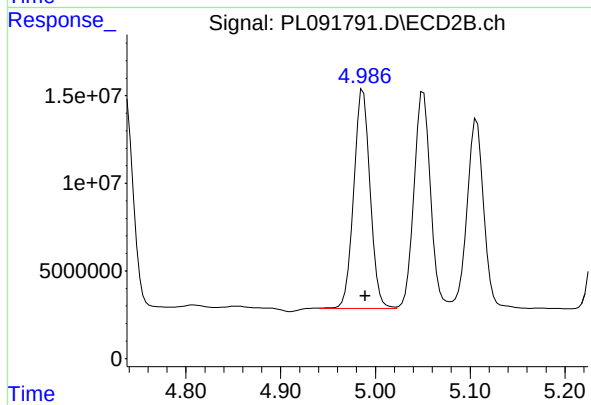
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 135989311
Conc: 70.48 ng/ml



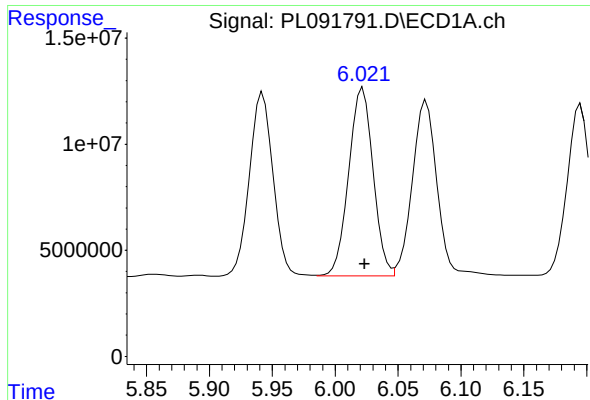
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 113289986
Conc: 67.81 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.004 min
Response: 150741302
Conc: 68.34 ng/ml m



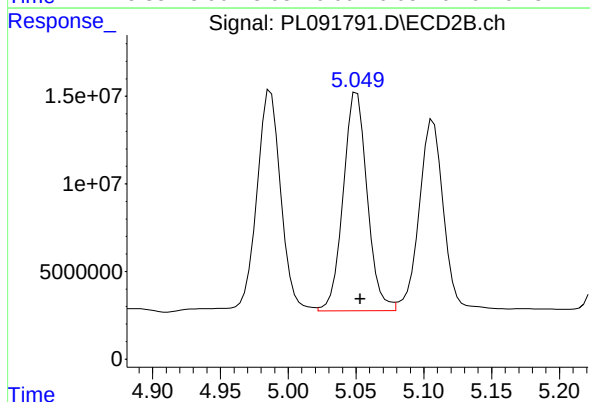
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.001 min
Response: 119323931
Conc: 74.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MS

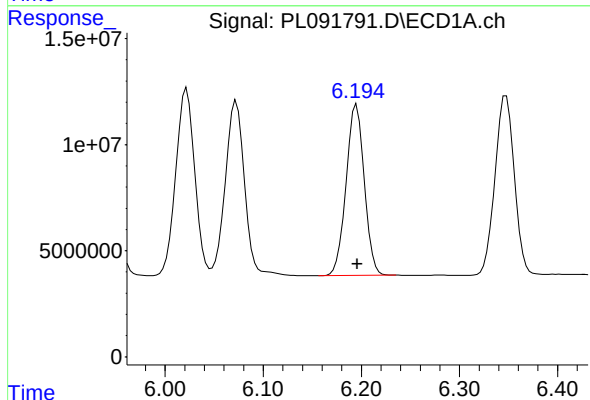
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



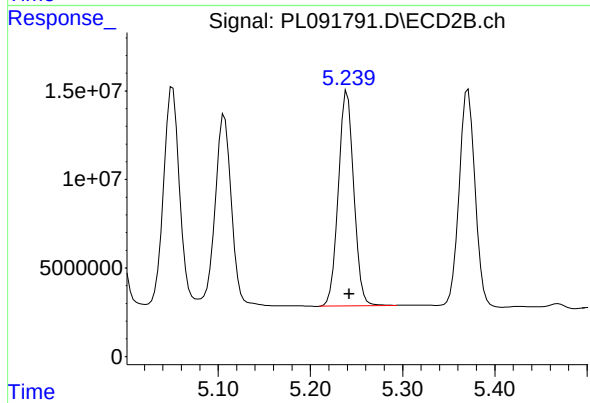
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 152950443
Conc: 73.92 ng/ml



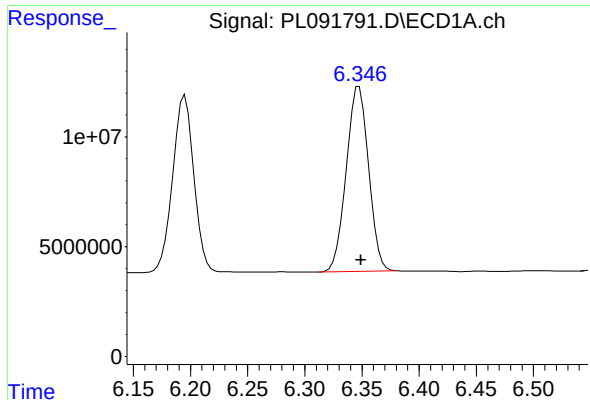
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.001 min
Response: 103868005
Conc: 71.21 ng/ml



#12 4,4'-DDE

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 141084723
Conc: 74.38 ng/ml



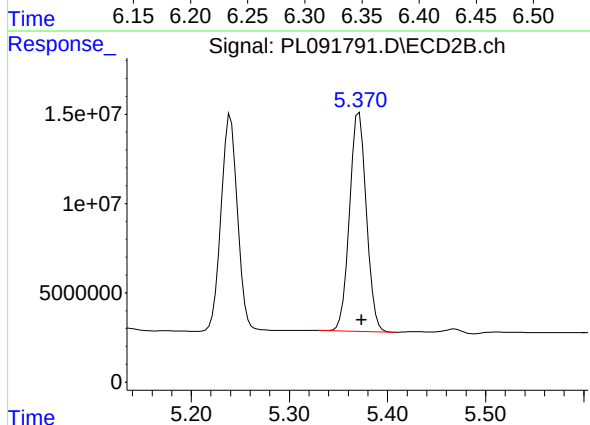
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.002 min
Response: 115130252
Conc: 70.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MS

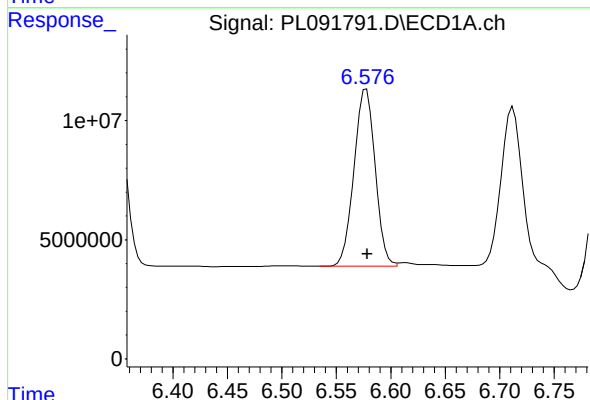
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



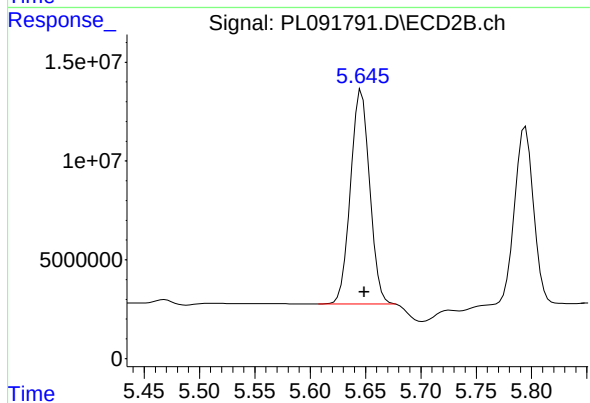
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: -0.003 min
Response: 146088490
Conc: 71.07 ng/ml



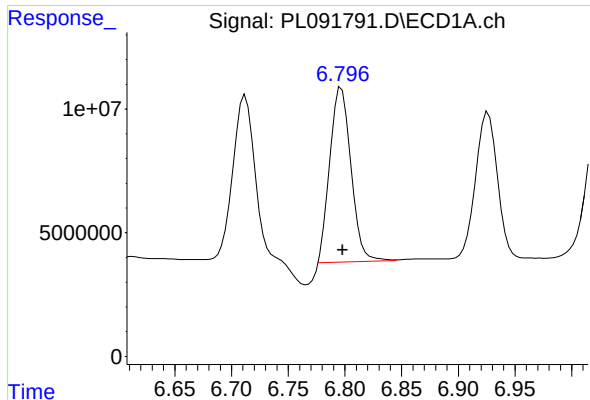
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 100758180
Conc: 75.78 ng/ml m



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.004 min
Response: 130888367
Conc: 69.36 ng/ml m



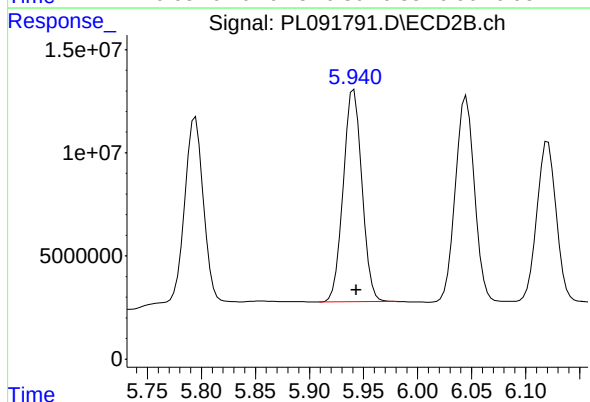
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 91514205
Conc: 59.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MS

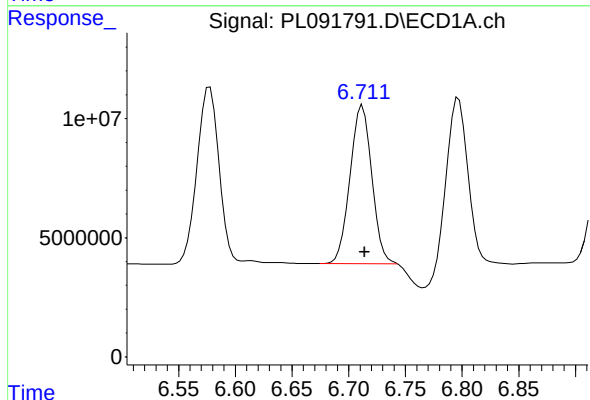
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



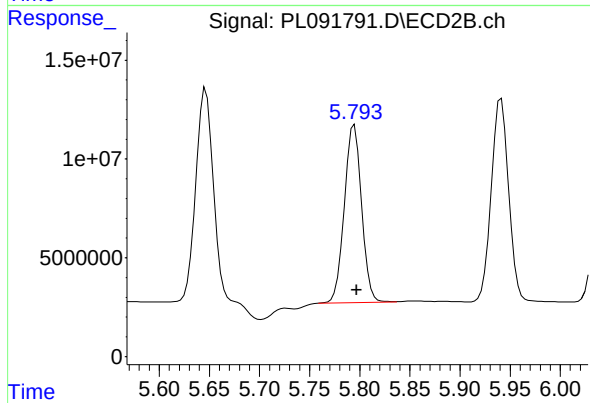
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 123843356
Conc: 70.01 ng/ml



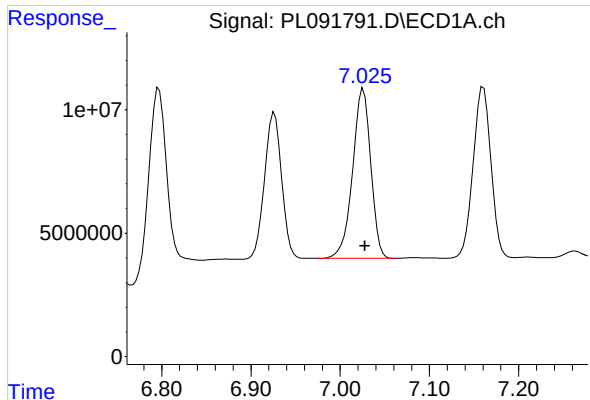
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 88872148
Conc: 70.11 ng/ml m



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.004 min
Response: 107523586
Conc: 64.16 ng/ml m



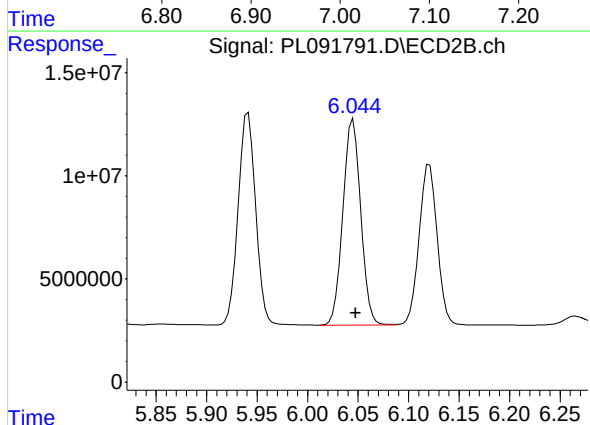
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 97446488
Conc: 74.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MS

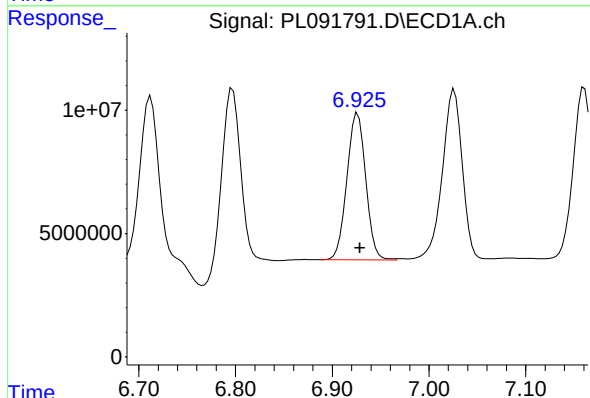
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



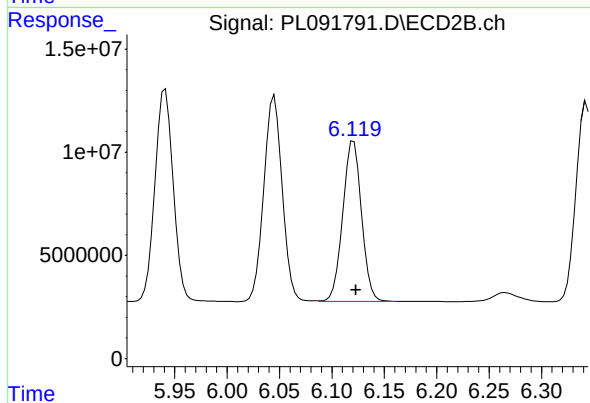
#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 122857941
Conc: 76.46 ng/ml



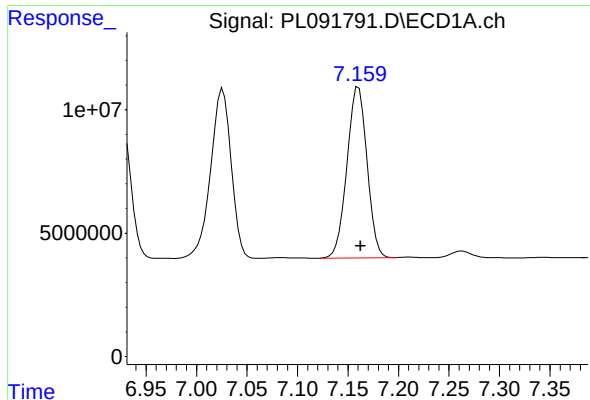
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.004 min
Response: 80085201
Conc: 67.40 ng/ml m



#18 Endrin aldehyde

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 97033796
Conc: 70.98 ng/ml



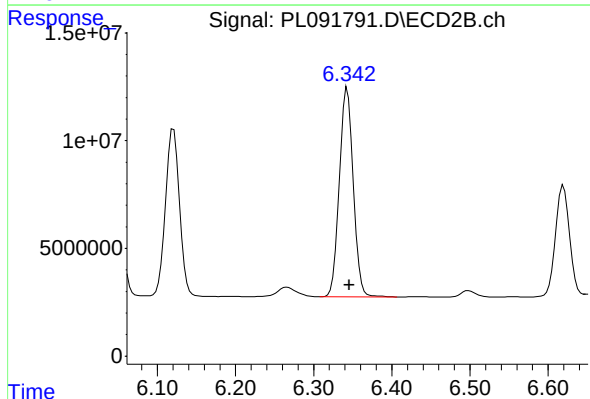
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 96217837
Conc: 68.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MS

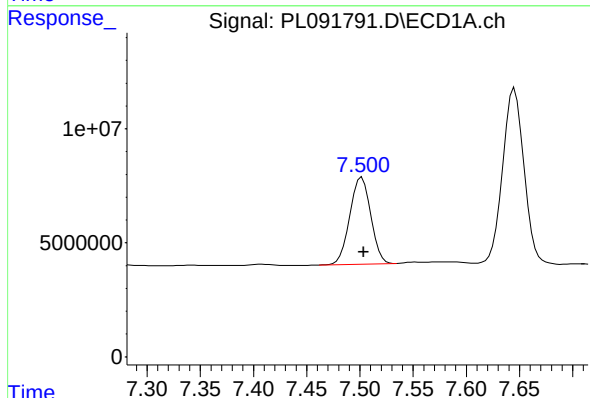
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



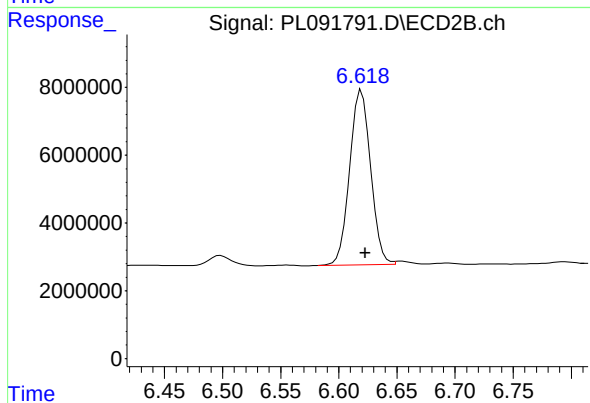
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 120333965
Conc: 70.12 ng/ml



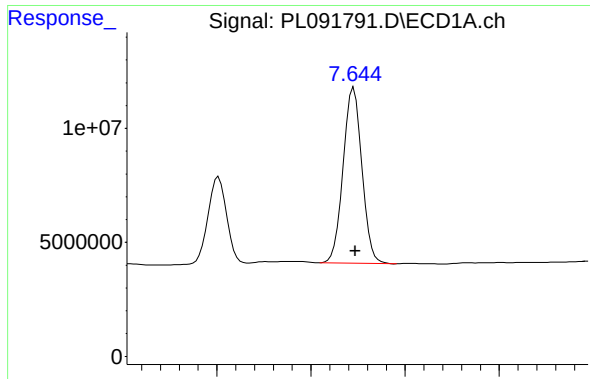
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 52035730
Conc: 76.92 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: -0.003 min
Response: 64518184
Conc: 72.84 ng/ml



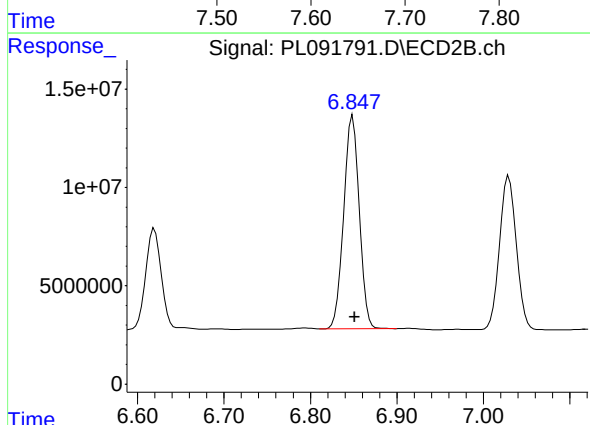
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 106868245
Conc: 69.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MS

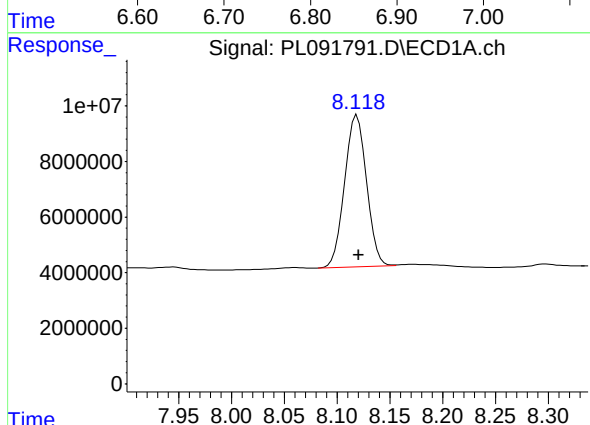
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



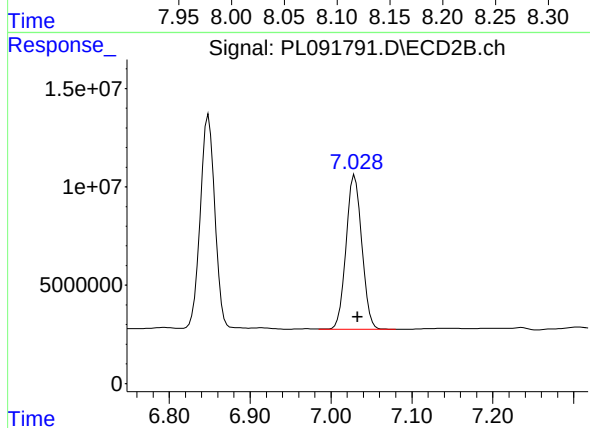
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: -0.003 min
Response: 134876110
Conc: 67.06 ng/ml



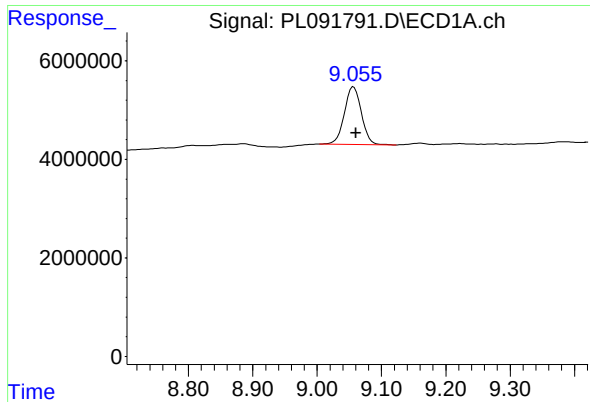
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 79031775
Conc: 66.00 ng/ml



#22 Mirex

R.T.: 7.029 min
Delta R.T.: -0.003 min
Response: 106025062
Conc: 59.79 ng/ml



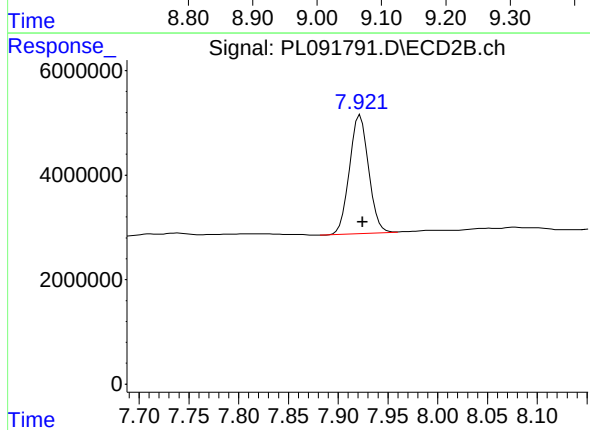
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.004 min
Response: 21524332
Conc: 17.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: -0.002 min
Response: 30440093
Conc: 16.48 ng/ml