

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
 Data File : PL091336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2024 08:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/27/2024
 Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 08:55:45 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...	3.546	2.786	101.0E6	106.5E6	47.018	54.553
28)	SA Decachlor...	9.060	7.926	70528776	86100354	46.262	45.457
Target Compounds							
2)	A alpha-BHC	4.001	3.289	141.8E6	154.6E6	47.307	55.753
3)	MA gamma-BHC...	4.334	3.619	135.4E6	145.4E6	47.215	55.210
4)	MA Heptachlor	4.922	3.959	124.0E6	138.3E6	46.566	53.531
5)	MB Aldrin	5.264	4.239	119.8E6	135.3E6	46.422	55.006
6)	B beta-BHC	4.530	3.918	64108727	63502185	47.405	53.949
7)	B delta-BHC	4.777	4.146	129.6E6	140.2E6	47.597	55.322m
8)	B Heptachlo...	5.688	4.741	112.0E6	120.3E6	45.785m	53.351
9)	A Endosulfan I	6.073	5.112	102.7E6	108.5E6	45.737m	51.429
10)	B gamma-Chl...	5.944	4.991	110.9E6	125.9E6	45.876m	53.245
11)	B alpha-Chl...	6.023	5.056	110.2E6	124.3E6	45.773m	52.820
12)	B 4,4'-DDE	6.196	5.243	97229670	112.3E6	46.475m	53.757m
13)	MA Dieldrin	6.350	5.376	107.6E6	122.0E6	45.665	53.562
14)	MA Endrin	6.578	5.652	90735152	107.6E6	46.789m	52.829
15)	B Endosulfa...	6.798	5.945	93268114	103.8E6	46.089	53.660
16)	A 4,4'-DDD	6.714	5.799	81574292	92235231	53.973	55.873
17)	MA 4,4'-DDT	7.028	6.050	81749878	92212445	46.054	51.910
18)	B Endrin al...	6.929	6.124	72308557	79376529	45.295	50.958
19)	B Endosulfa...	7.163	6.347	85652476	97895485	44.642	50.776
20)	A Methoxychlor	7.504	6.625	44541657	49058082	47.371	49.405
21)	B Endrin ke...	7.647	6.853	95029144	108.8E6	45.258	49.978
22)	Mirex	8.121	7.035	73379374	89028211	43.135	47.700

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082624\
Data File : PL091336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Aug 2024 08:31
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

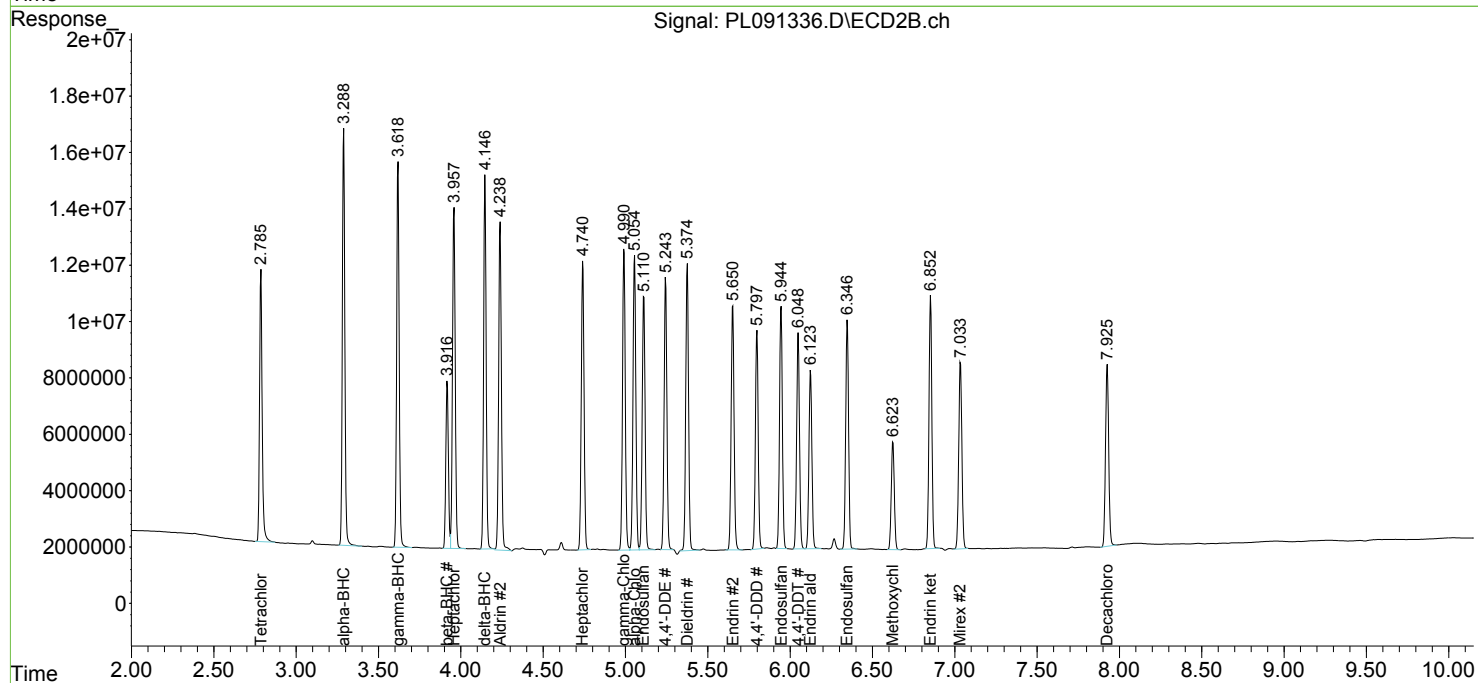
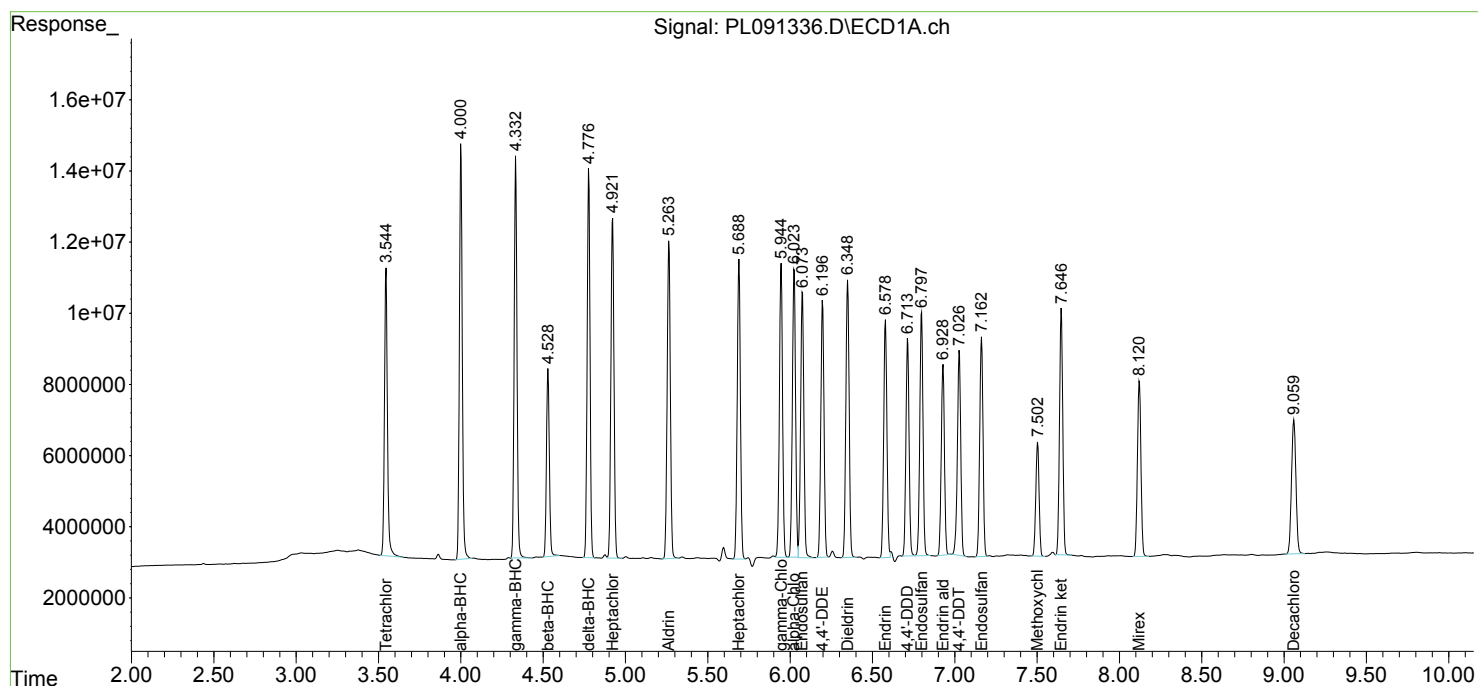
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

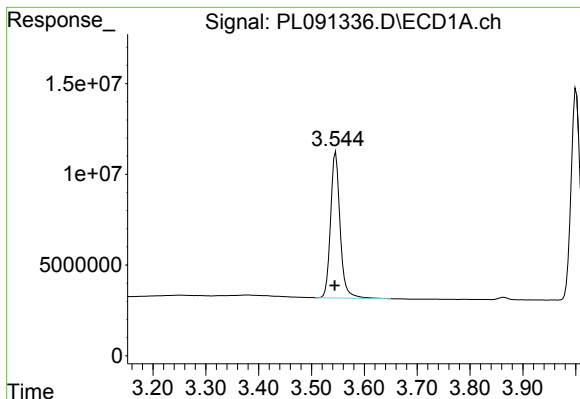
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 08:55:45 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





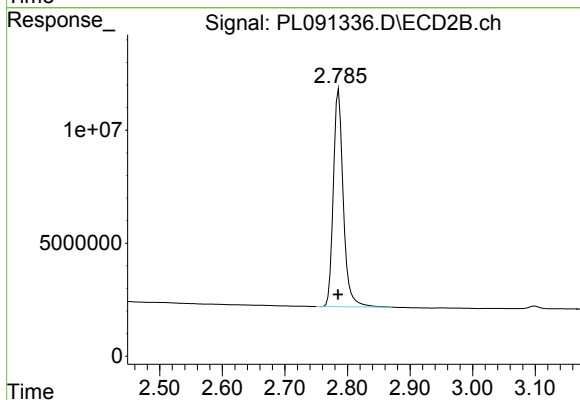
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.002 min
Response: 100956799
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

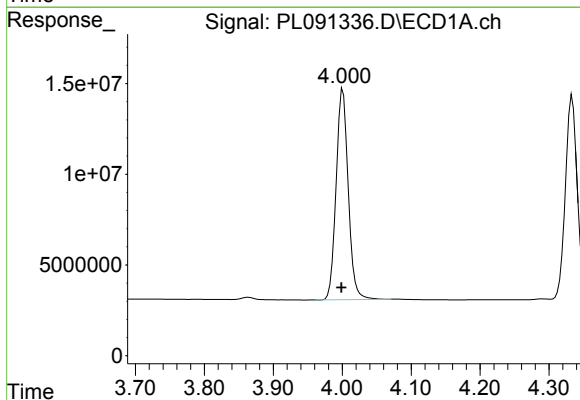
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



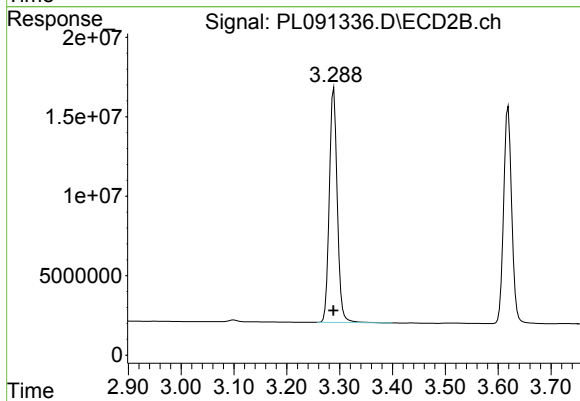
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.001 min
Response: 106487913
Conc: 54.55 ng/ml



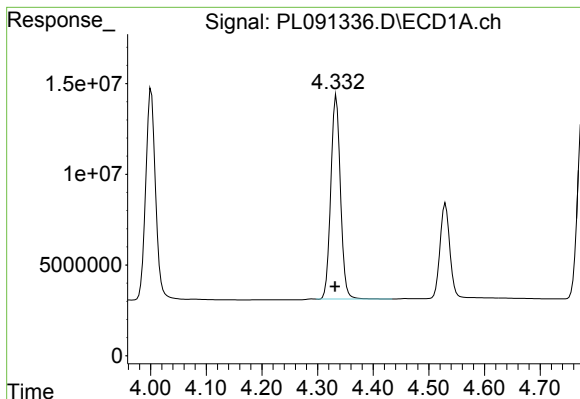
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 141816759
Conc: 47.31 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 154629071
Conc: 55.75 ng/ml



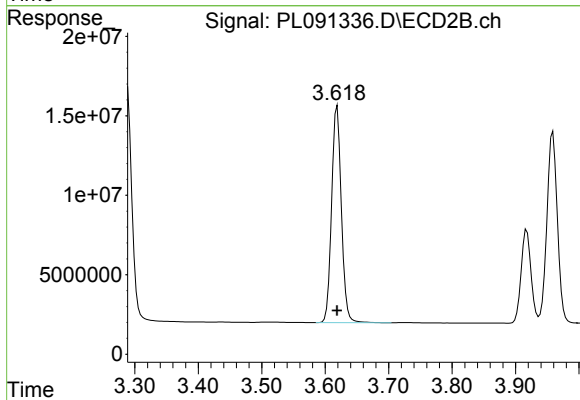
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.002 min
Response: 135444676
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

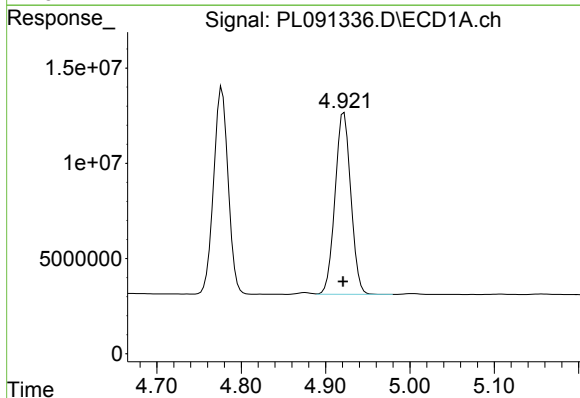
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



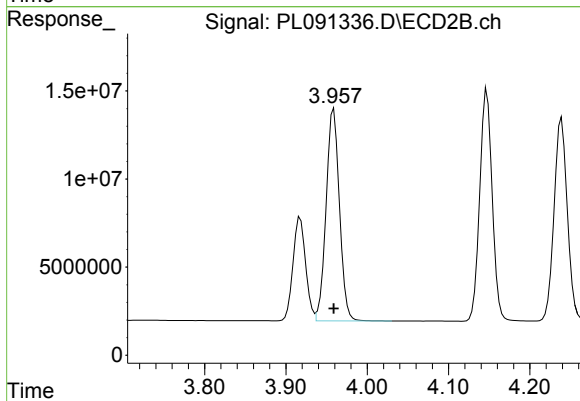
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: 0.000 min
Response: 145420626
Conc: 55.21 ng/ml



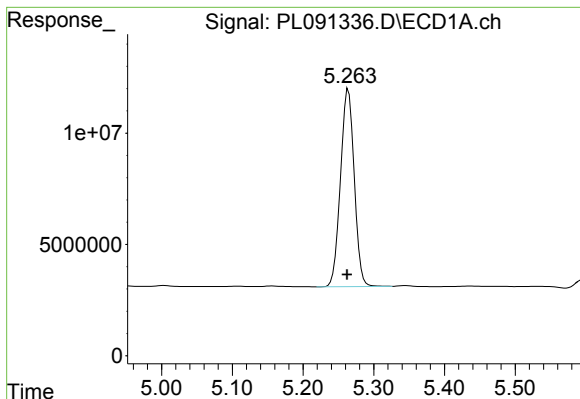
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.001 min
Response: 124005605
Conc: 46.57 ng/ml



#4 Heptachlor

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 138254192
Conc: 53.53 ng/ml



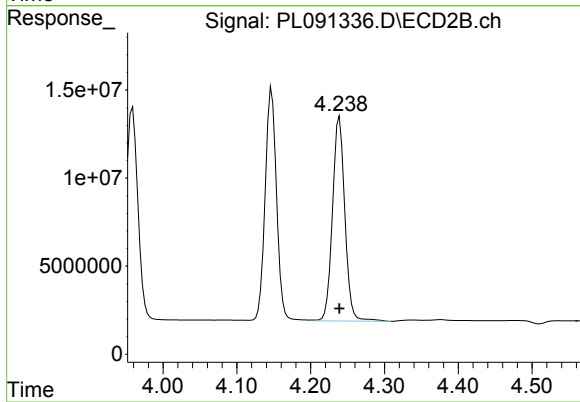
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 119808567
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

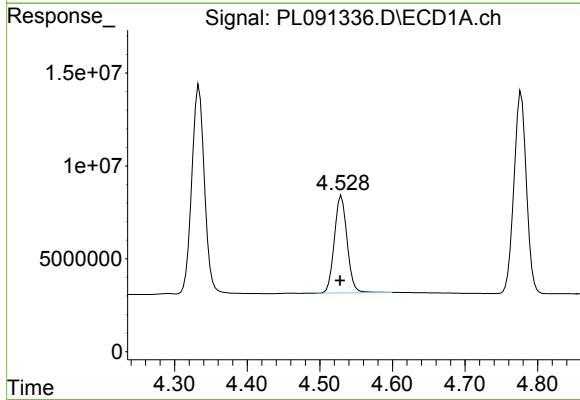
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



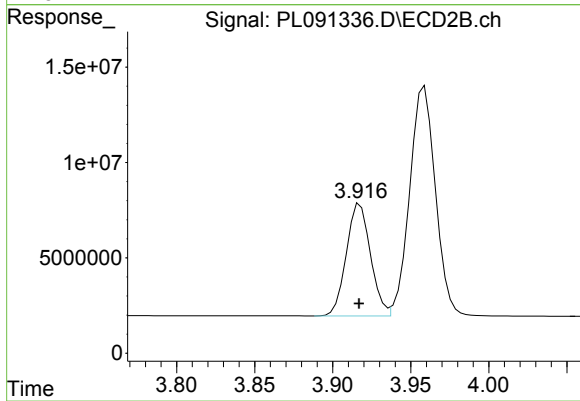
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 135269835
Conc: 55.01 ng/ml



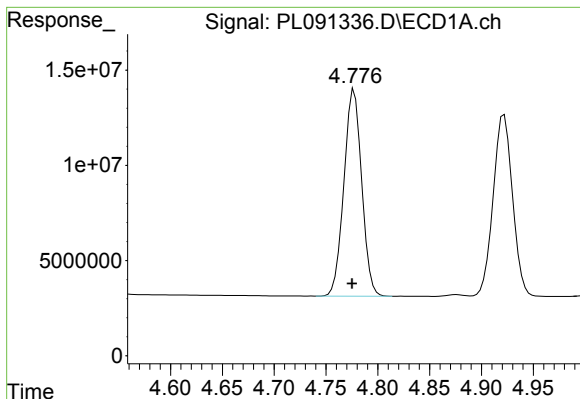
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.002 min
Response: 64108727
Conc: 47.41 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: 0.000 min
Response: 63502185
Conc: 53.95 ng/ml



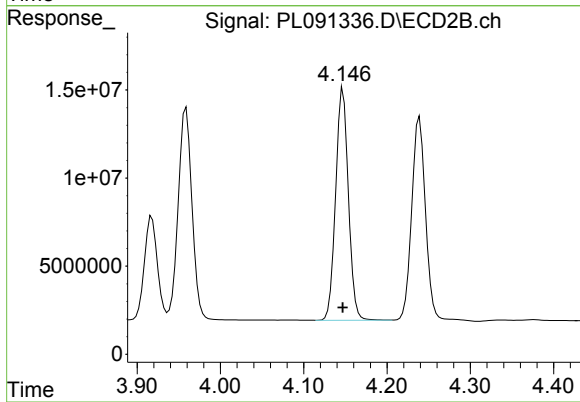
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.002 min
Response: 129582525
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

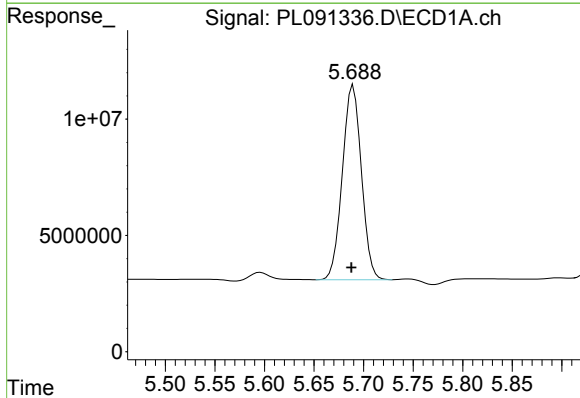
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



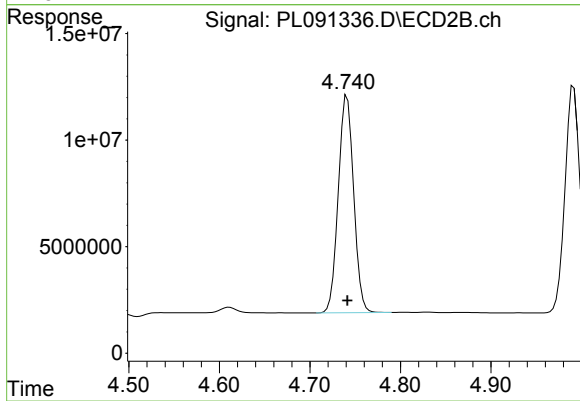
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: -0.001 min
Response: 140198551
Conc: 55.32 ng/ml m



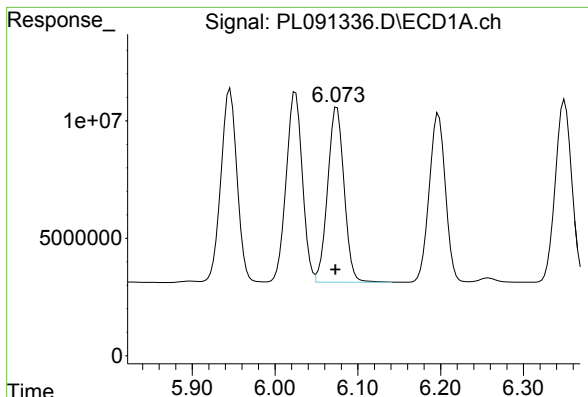
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 112016139
Conc: 45.79 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 120298035
Conc: 53.35 ng/ml



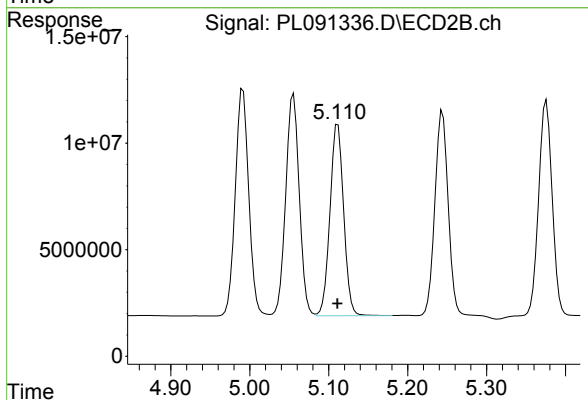
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 102694094
Conc: 45.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

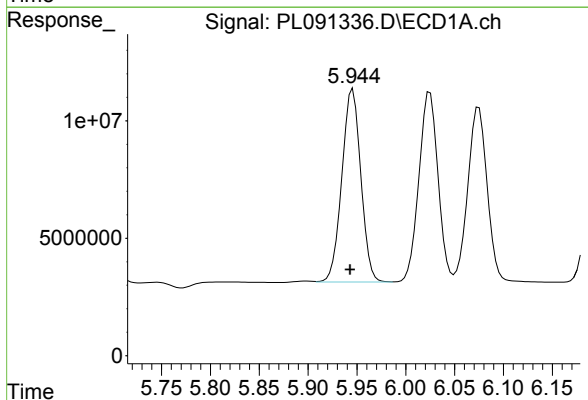
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



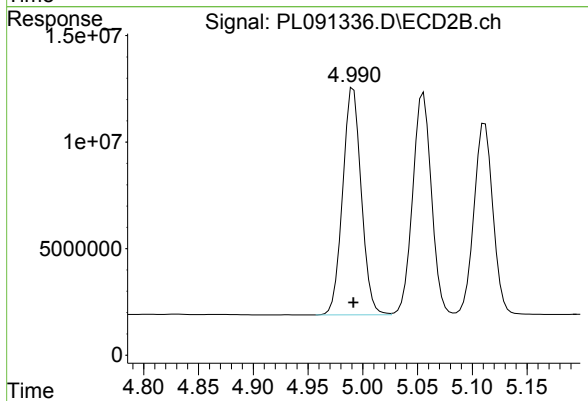
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 108524364
Conc: 51.43 ng/ml



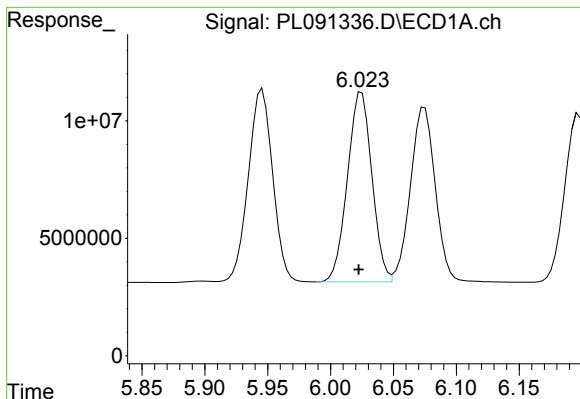
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 110856162
Conc: 45.88 ng/ml m



#10 gamma-Chlordane

R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 125867597
Conc: 53.24 ng/ml



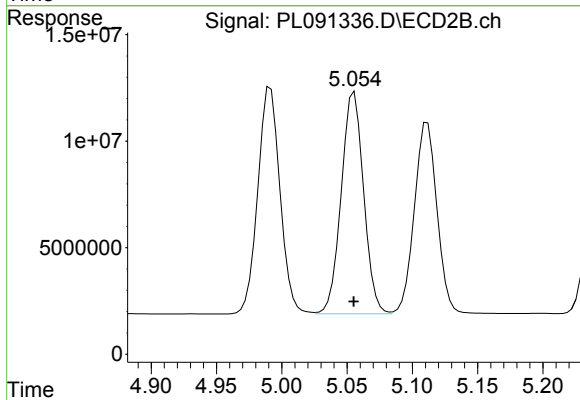
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.001 min
Response: 110208725
Conc: 45.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

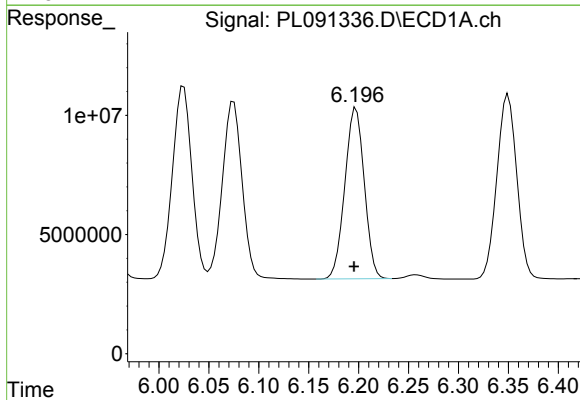
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



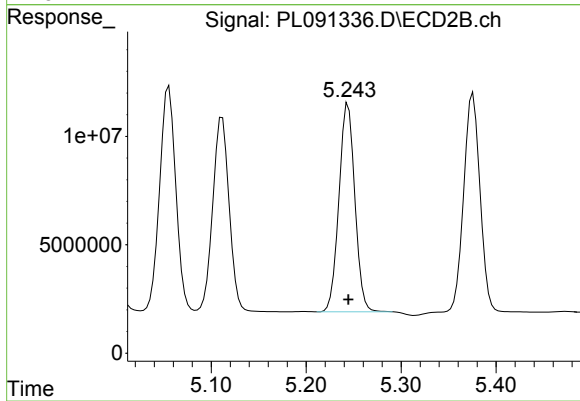
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 124262790
Conc: 52.82 ng/ml



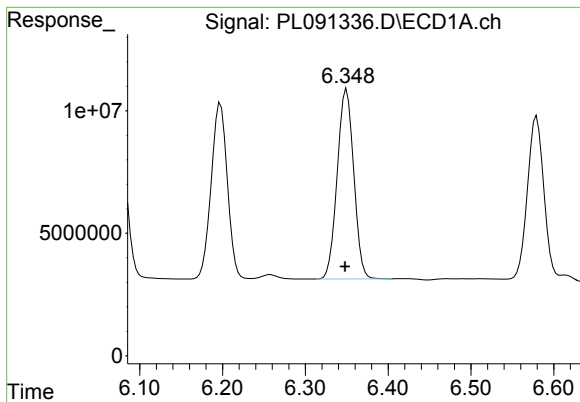
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 97229670
Conc: 46.47 ng/ml m



#12 4,4'-DDE

R.T.: 5.243 min
Delta R.T.: -0.002 min
Response: 112321511
Conc: 53.76 ng/ml m



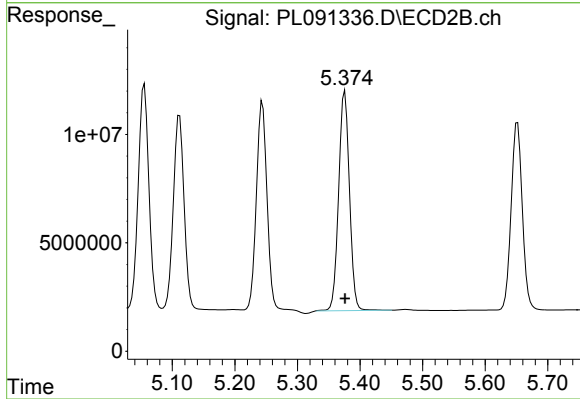
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.002 min
Response: 107551551
Conc: 45.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

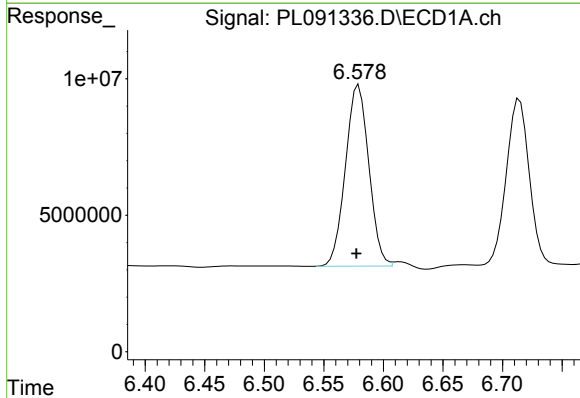
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



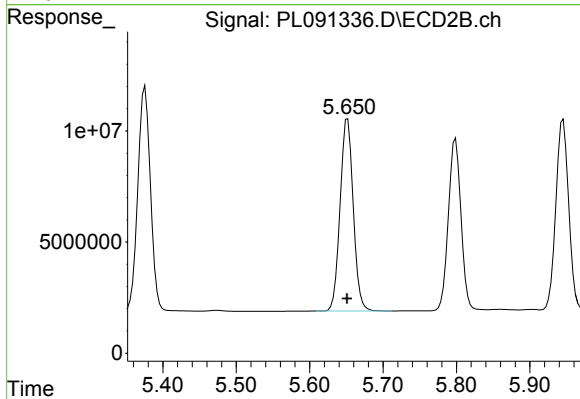
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 121988046
Conc: 53.56 ng/ml



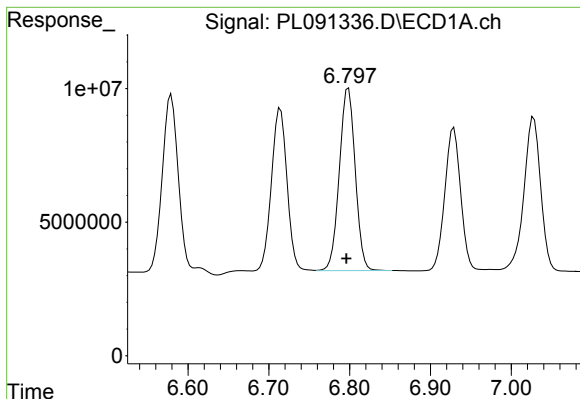
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 90735152
Conc: 46.79 ng/ml m



#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 107619198
Conc: 52.83 ng/ml



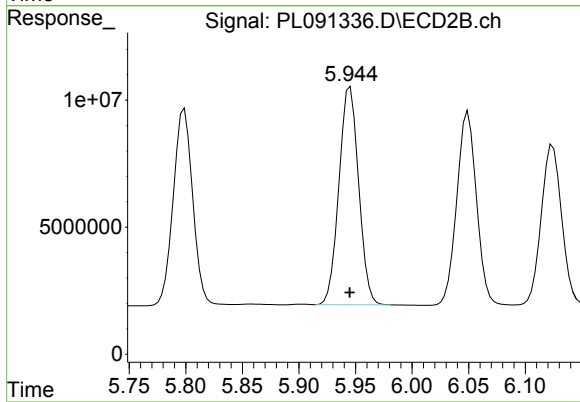
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.003 min
Response: 93268114
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

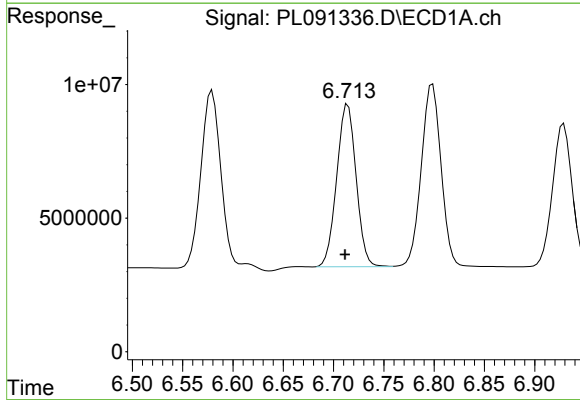
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



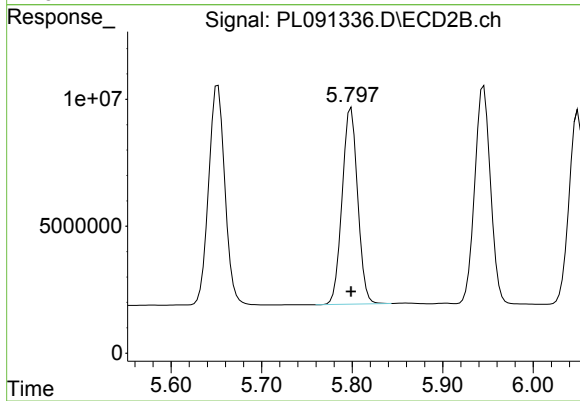
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 103815865
Conc: 53.66 ng/ml



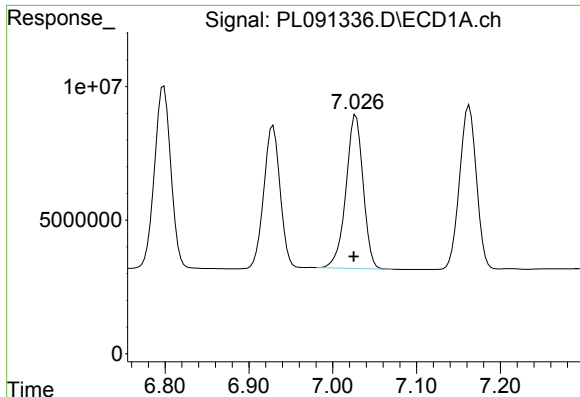
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.003 min
Response: 81574292
Conc: 53.97 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 92235231
Conc: 55.87 ng/ml



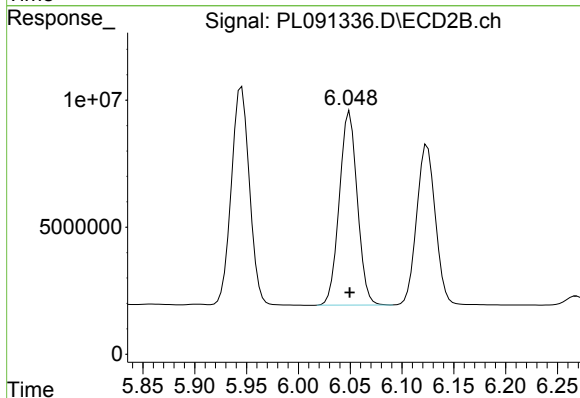
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.003 min
Response: 81749878
Conc: 46.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

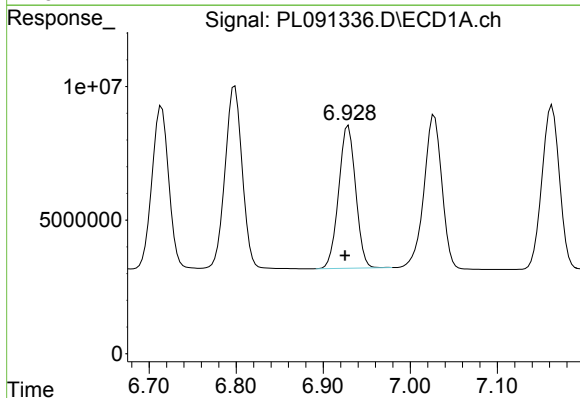
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



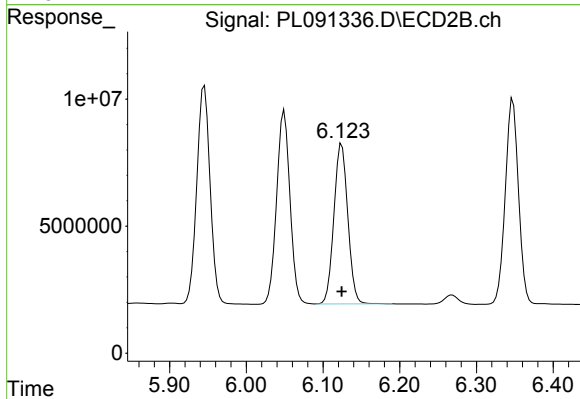
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 92212445
Conc: 51.91 ng/ml



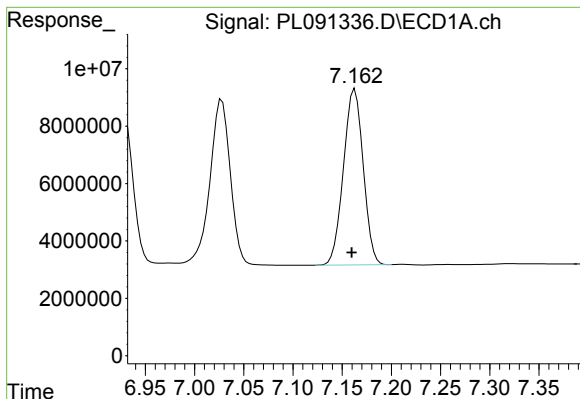
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.004 min
Response: 72308557
Conc: 45.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 79376529
Conc: 50.96 ng/ml



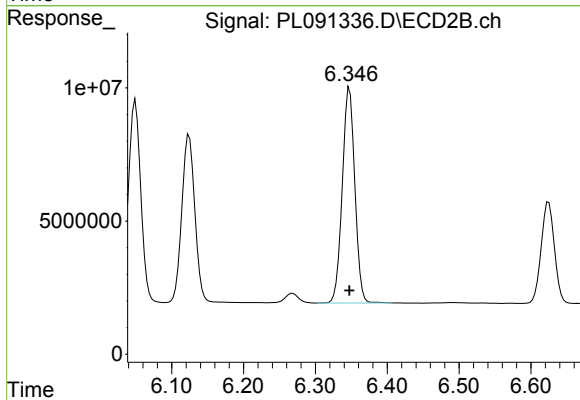
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.003 min
Response: 85652476
Conc: 44.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

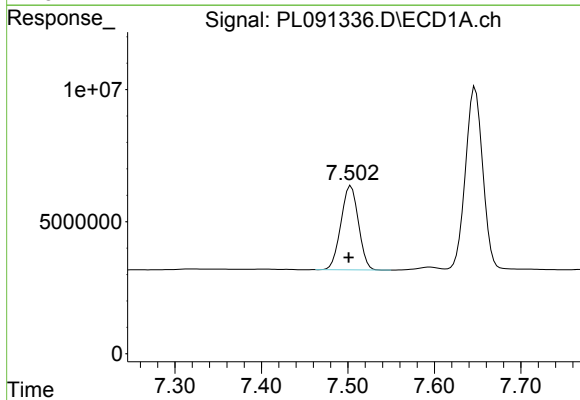
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



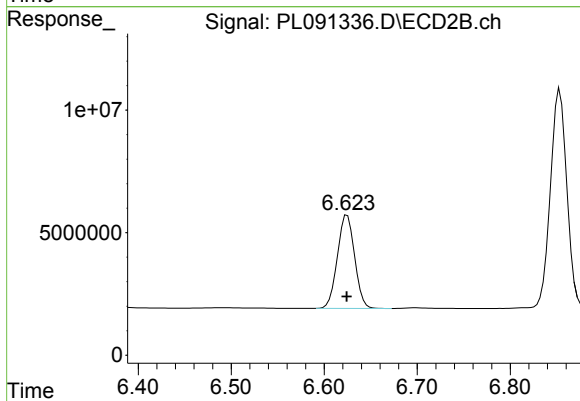
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 97895485
Conc: 50.78 ng/ml



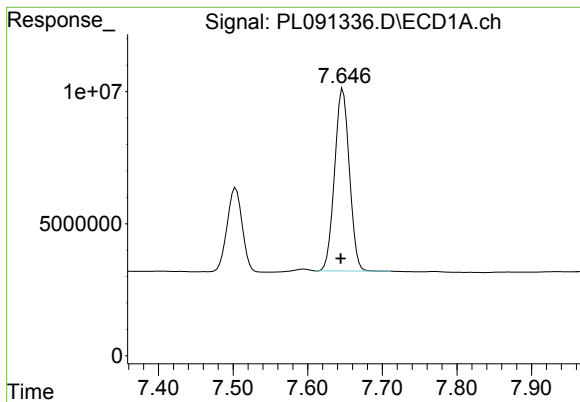
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.003 min
Response: 44541657
Conc: 47.37 ng/ml



#20 Methoxychlor

R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 49058082
Conc: 49.40 ng/ml



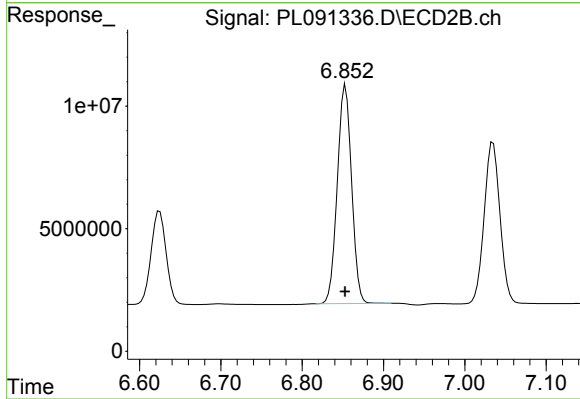
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.003 min
Response: 95029144
Conc: 45.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

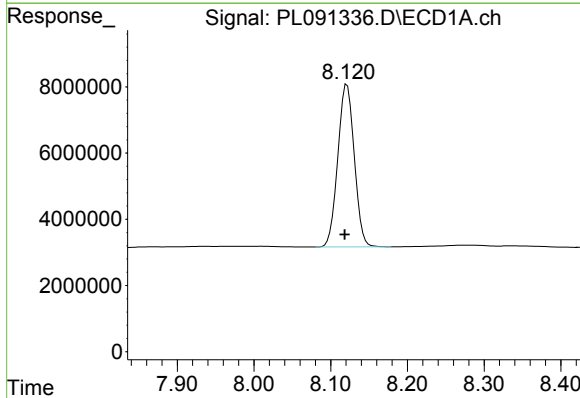
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2024
Supervised By :mohammad ahmed 08/28/2024



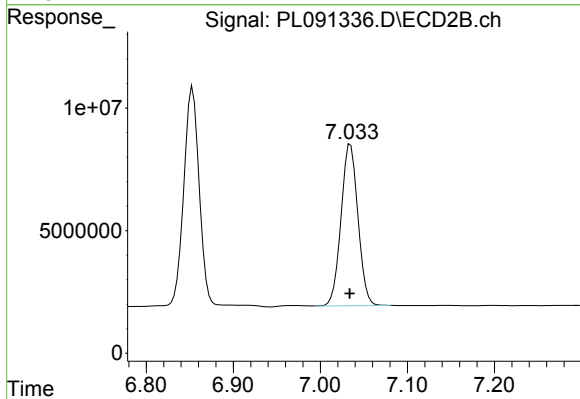
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 108849988
Conc: 49.98 ng/ml



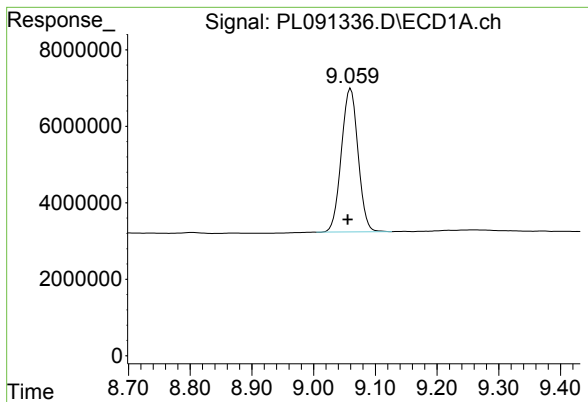
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.003 min
Response: 73379374
Conc: 43.14 ng/ml



#22 Mirex

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 89028211
Conc: 47.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.005 min
Response: 70528776
Conc: 46.26 ng/ml

Instrument :

ECD_L

ClientSampleId :

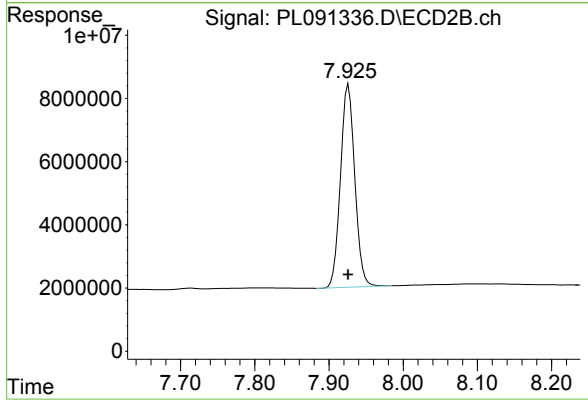
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 08/27/2024

Supervised By :mohammad ahmed 08/28/2024



#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 86100354
Conc: 45.46 ng/ml