

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081624\
 Data File : PL091175.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2024 21:32
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/19/2024
 Supervised By :Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 07:56:13 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...	3.544	2.785	108.1E6	108.7E6	50.349	55.712
28) SA Decachlor...	9.054	7.924	74402726	86922387	48.803	45.891
Target Compounds						
2) A alpha-BHC	4.000	3.288	151.9E6	158.8E6	50.659	57.269
3) MA gamma-BHC...	4.332	3.618	144.8E6	149.1E6	50.494	56.589
4) MA Heptachlor	4.920	3.957	122.4E6	133.1E6	45.956	51.548
5) MB Aldrin	5.262	4.236	126.5E6	134.8E6	48.999	54.801m
6) B beta-BHC	4.528	3.916	67805347	65046611	50.139	55.262
7) B delta-BHC	4.775	4.146	139.0E6	146.9E6	51.058	57.970
8) B Heptachlo...	5.687	4.740	117.0E6	121.5E6	47.830m	53.894
9) A Endosulfan I	6.073	5.110	109.9E6	111.0E6	48.958	52.606
10) B gamma-Chl...	5.942	4.989	117.9E6	127.1E6	48.780m	53.770m
11) B alpha-Chl...	6.021	5.054	115.6E6	124.8E6	48.024m	53.045
12) B 4,4'-DDE	6.195	5.242	104.2E6	113.9E6	49.796	54.522m
13) MA Dieldrin	6.347	5.374	114.2E6	122.3E6	48.479	53.719
14) MA Endrin	6.575	5.650	95479265	105.9E6	49.235m	51.991
15) B Endosulfa...	6.796	5.942	97440555	104.9E6	48.150	54.215m
16) A 4,4'-DDD	6.711	5.797	87740699	95634646	58.053	57.933
17) MA 4,4'-DDT	7.024	6.048	81862569	85819611	46.118m	48.311
18) B Endrin al...	6.926	6.123	76360483	80609243	47.833	51.749
19) B Endosulfa...	7.160	6.344	90857085	99296546	47.355	51.502m
20) A Methoxychlor	7.500	6.622	42866234	46653876	45.590	46.984
21) B Endrin ke...	7.644	6.851	99673566	113.4E6	47.470	52.070
22) Mirex	8.118	7.031	75879354	87658038	44.605	46.966m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081624\
Data File : PL091175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2024 21:32
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

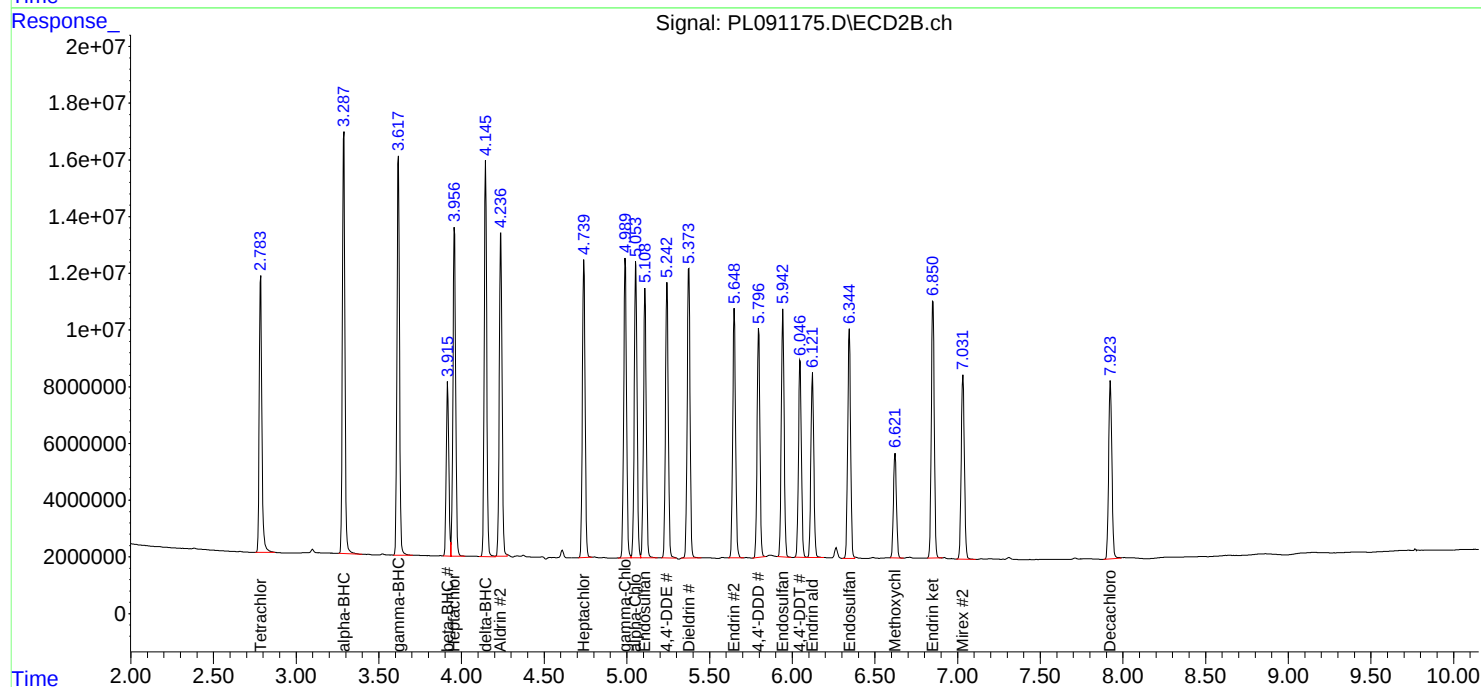
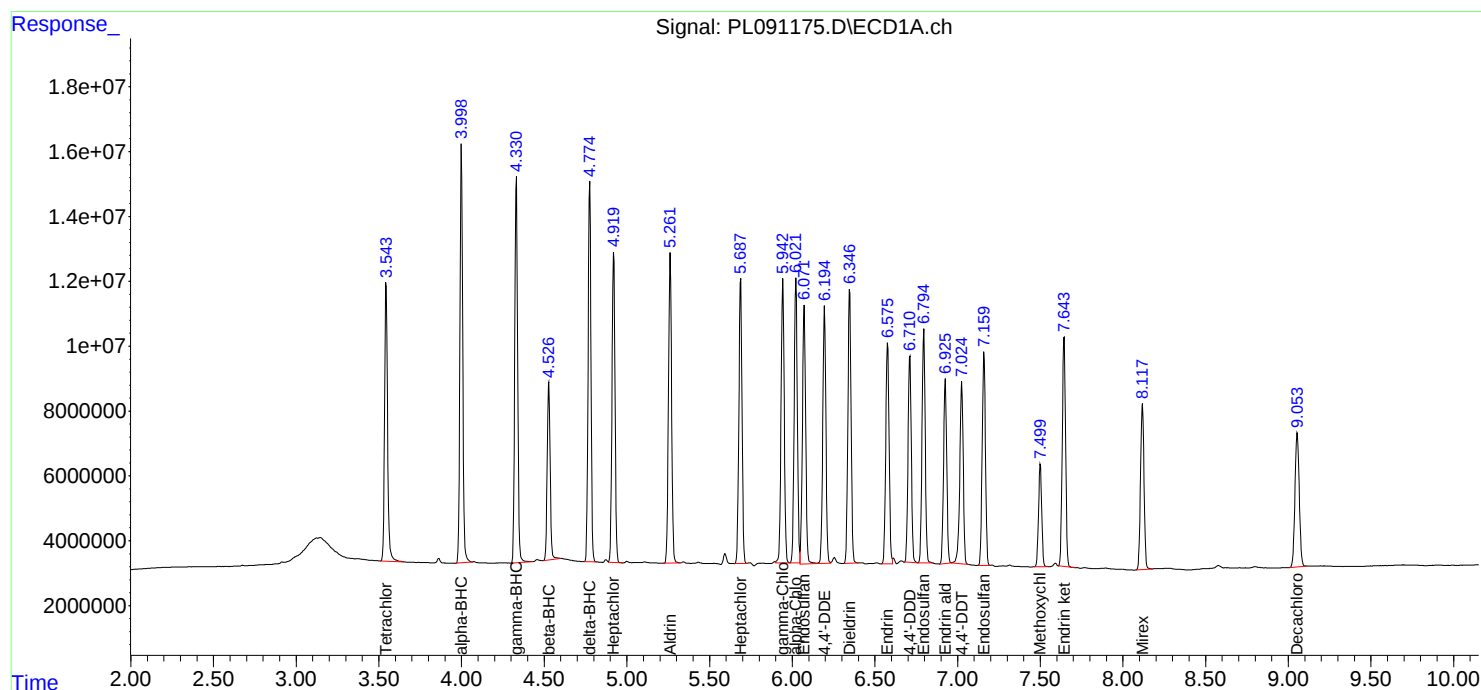
APPROVED

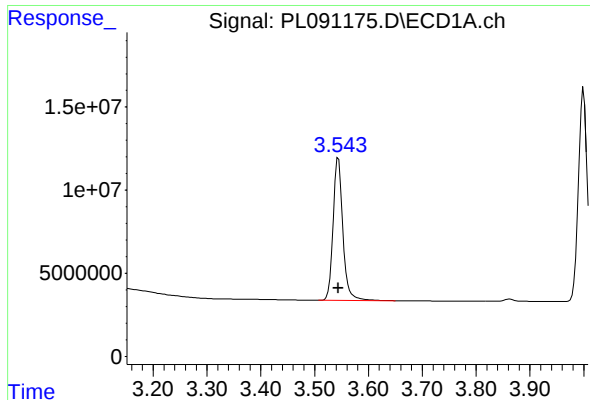
Reviewed By :Abdul Mirza 08/19/2024

Supervised By :Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 17 07:56:13 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.: 3.544 min
Delta R.T.: 0.000 min
Response: 108107450
Conc: 50.35 ng/ml

Instrument :

ECD_L

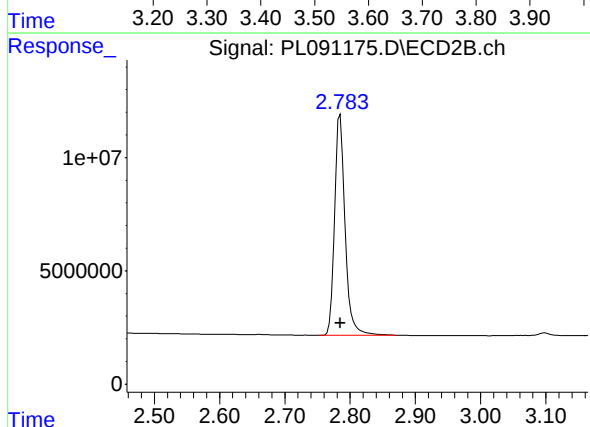
ClientSampleId :

PSTDCCC050

Manual Integrations

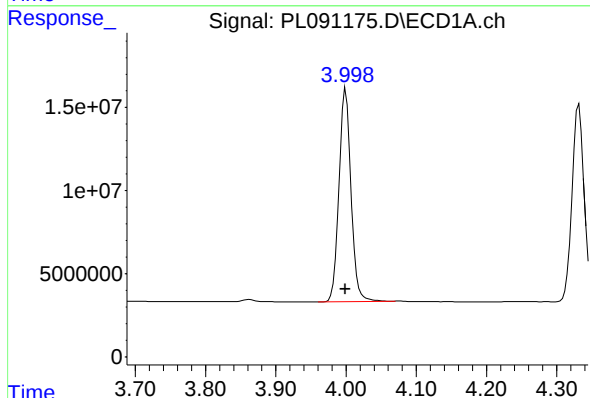
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



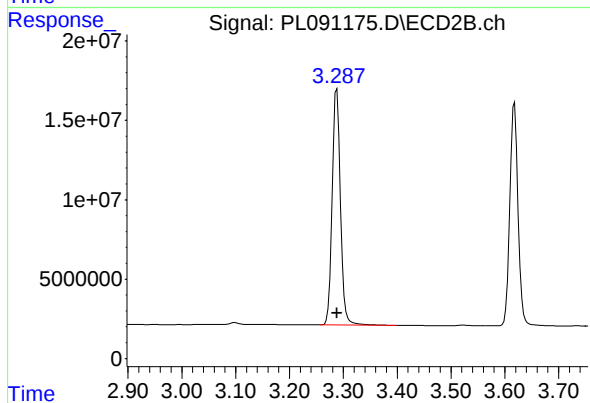
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 108749036
Conc: 55.71 ng/ml



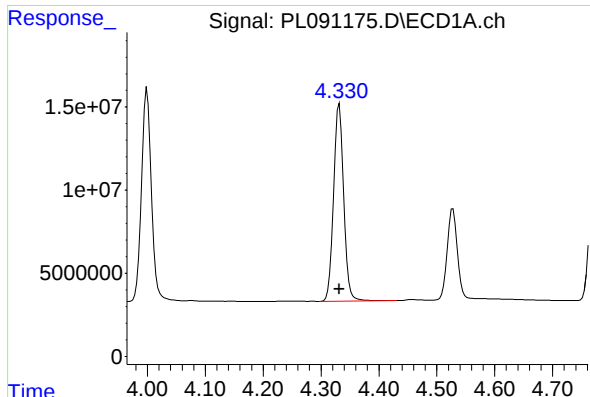
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 151865327
Conc: 50.66 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 158832511
Conc: 57.27 ng/ml



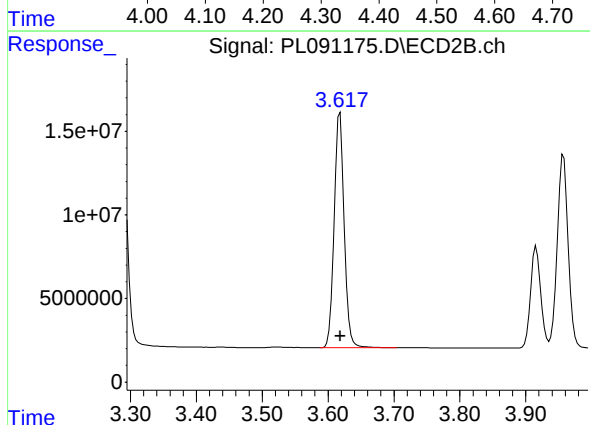
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 144848869
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

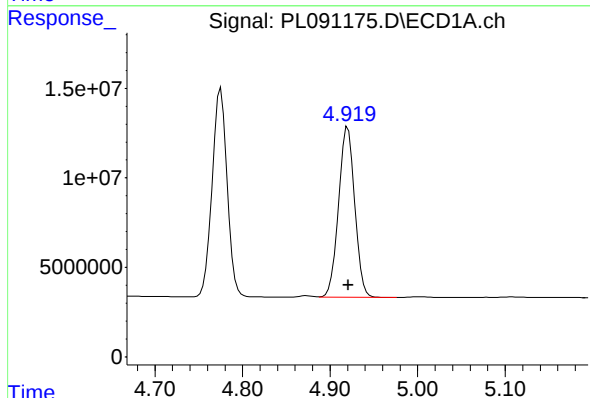
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



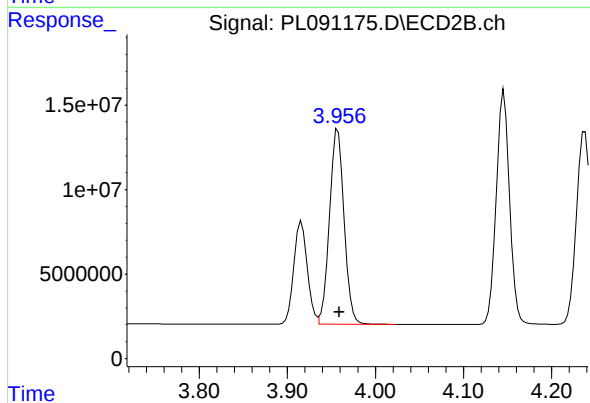
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: 0.000 min
Response: 149050659
Conc: 56.59 ng/ml



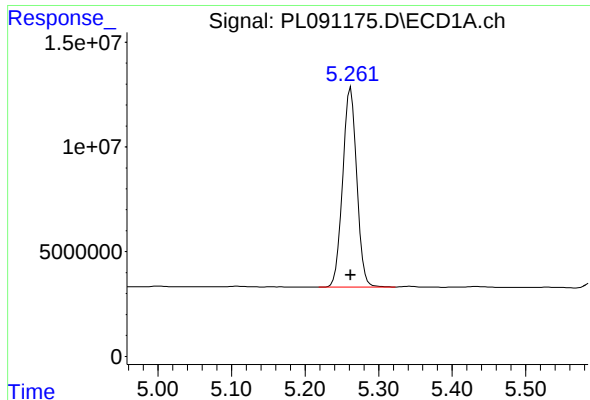
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 122381253
Conc: 45.96 ng/ml



#4 Heptachlor

R.T.: 3.957 min
Delta R.T.: -0.001 min
Response: 133132981
Conc: 51.55 ng/ml



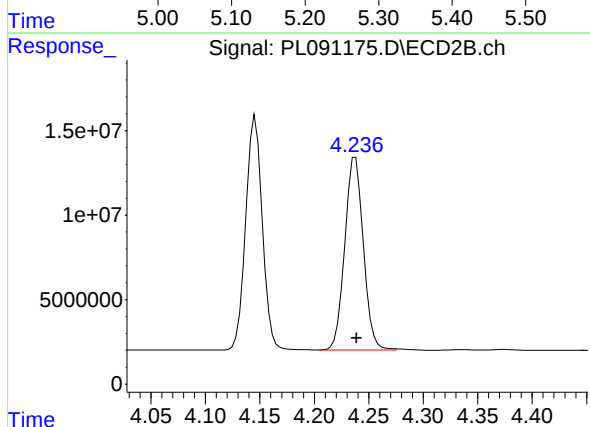
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 126460060
Conc: 49.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

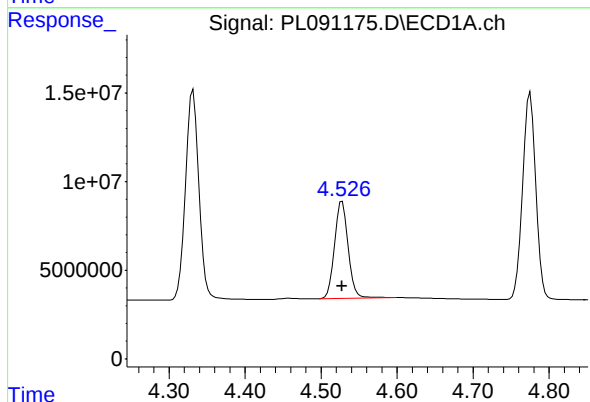
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



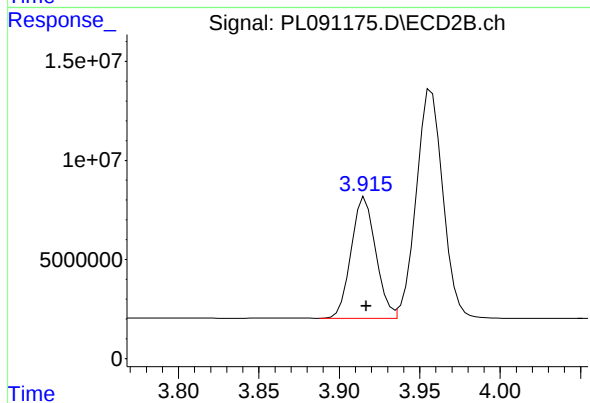
#5 Aldrin

R.T.: 4.236 min
Delta R.T.: -0.002 min
Response: 134765042
Conc: 54.80 ng/ml



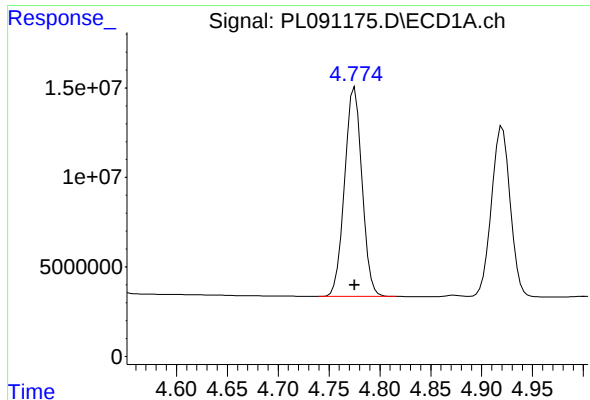
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 67805347
Conc: 50.14 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 65046611
Conc: 55.26 ng/ml



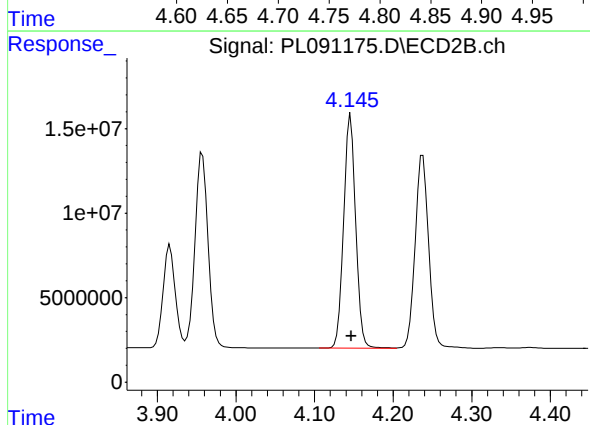
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 139005704
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

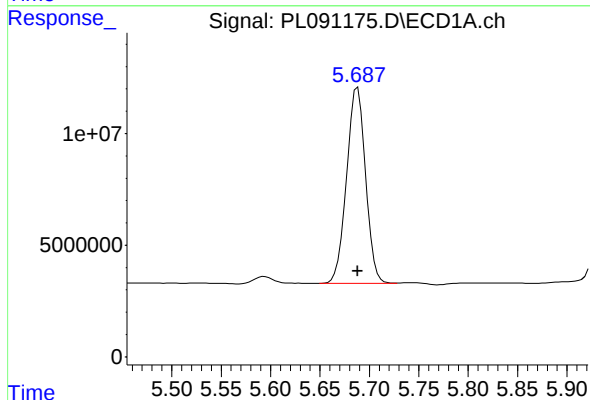
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



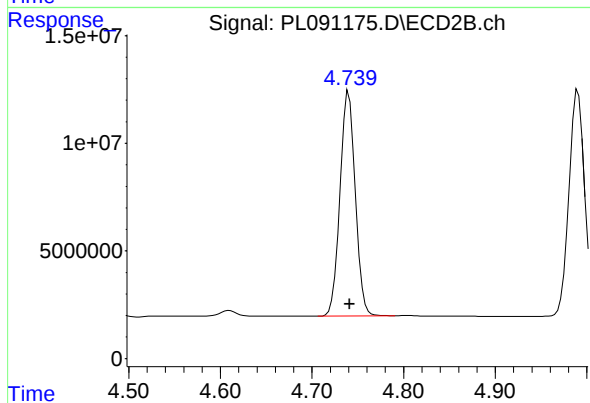
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: -0.001 min
Response: 146908408
Conc: 57.97 ng/ml



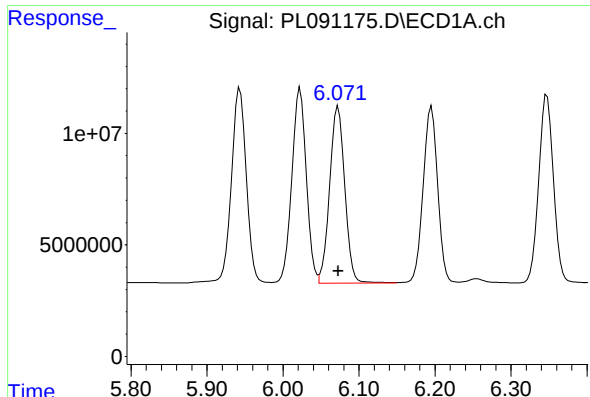
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.001 min
Response: 117019100
Conc: 47.83 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.740 min
Delta R.T.: -0.001 min
Response: 121523449
Conc: 53.89 ng/ml



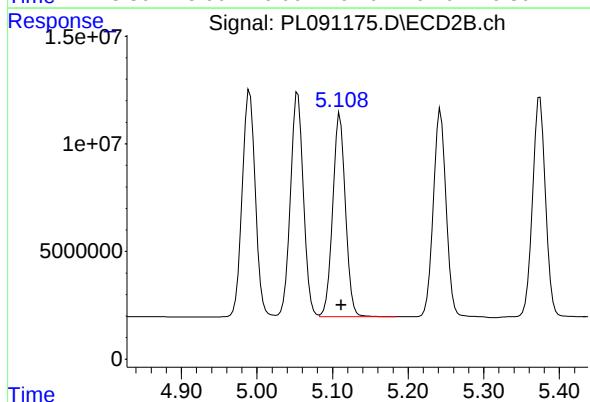
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 109927970
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

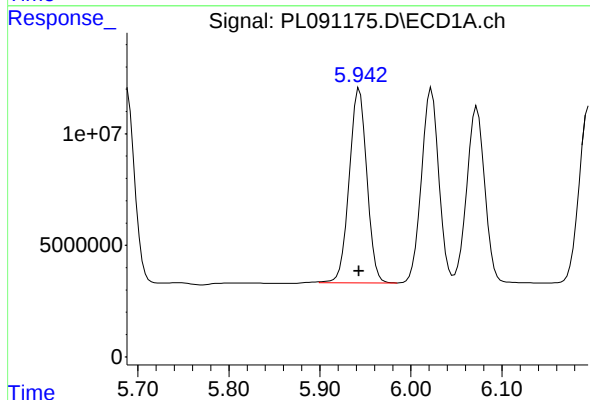
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



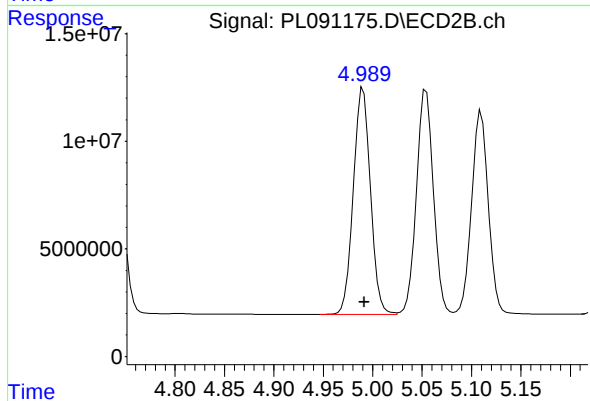
#9 Endosulfan I

R.T.: 5.110 min
Delta R.T.: -0.001 min
Response: 111007169
Conc: 52.61 ng/ml



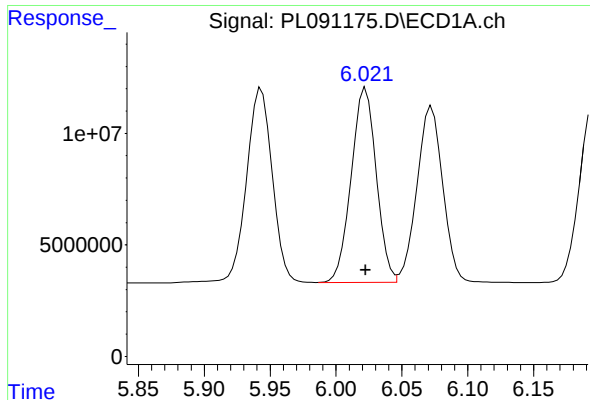
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.001 min
Response: 117872634
Conc: 48.78 ng/ml m



#10 gamma-Chlordane

R.T.: 4.989 min
Delta R.T.: -0.003 min
Response: 127110577
Conc: 53.77 ng/ml m



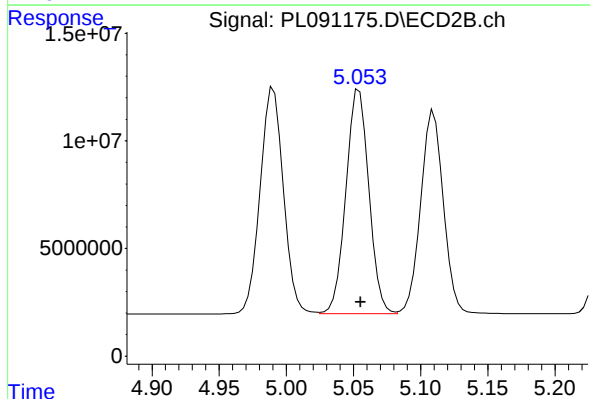
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.001 min
Response: 115627598
Conc: 48.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

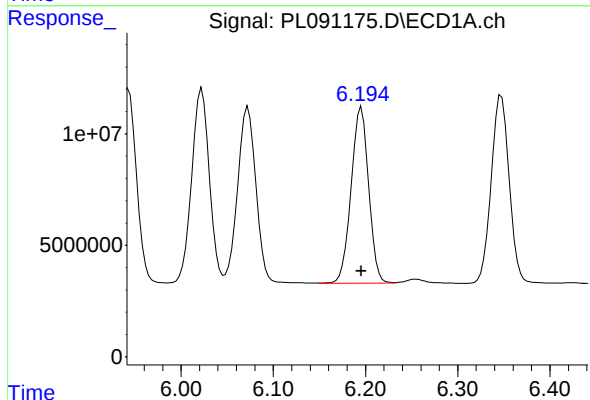
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



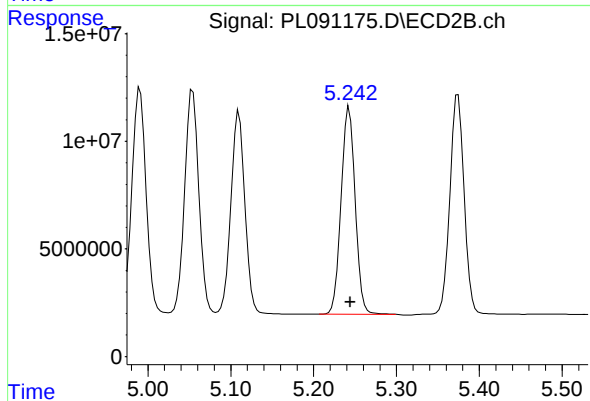
#11 alpha-Chlordane

R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 124791232
Conc: 53.04 ng/ml



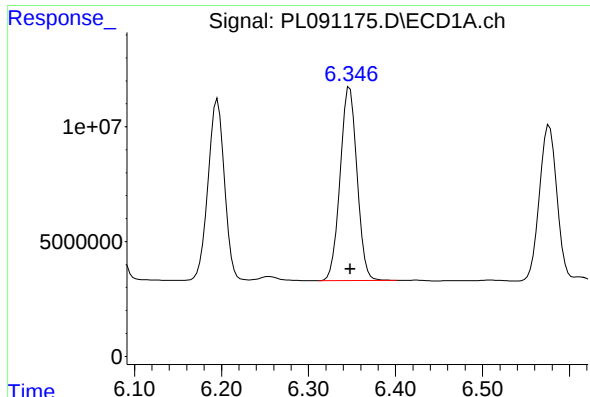
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 104178068
Conc: 49.80 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 113918933
Conc: 54.52 ng/ml m



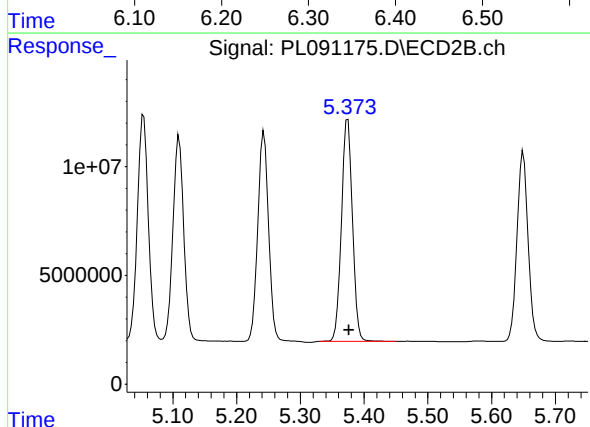
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 114179380
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

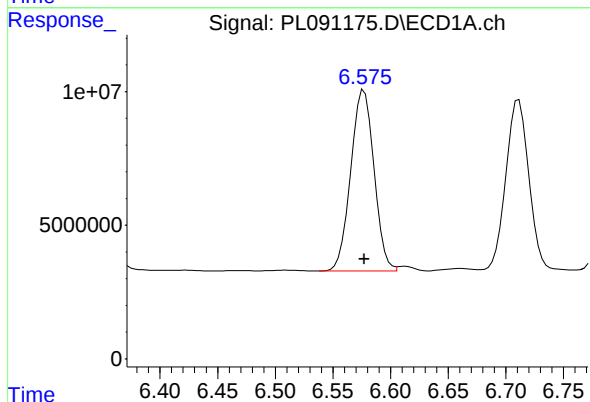
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



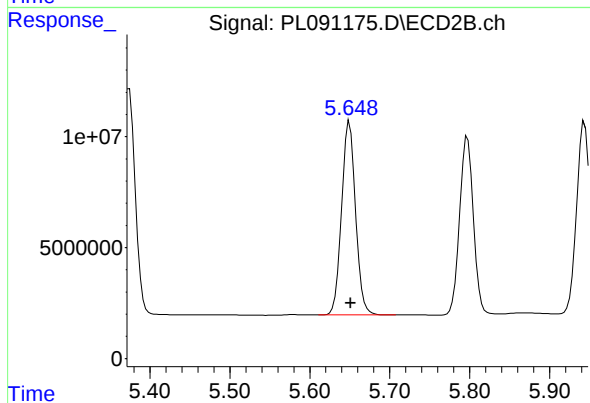
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.002 min
Response: 122345940
Conc: 53.72 ng/ml



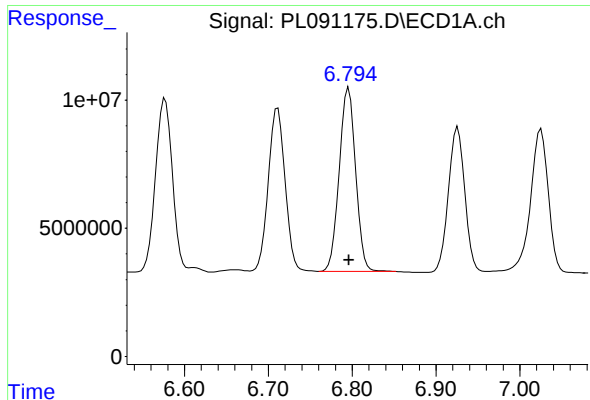
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.002 min
Response: 95479265
Conc: 49.24 ng/ml m



#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.001 min
Response: 105913411
Conc: 51.99 ng/ml



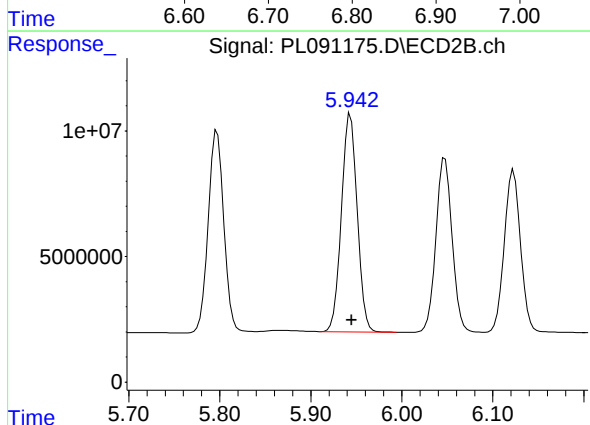
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 97440555
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

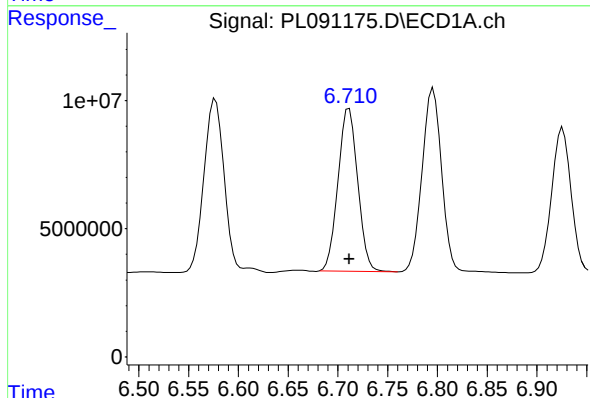
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



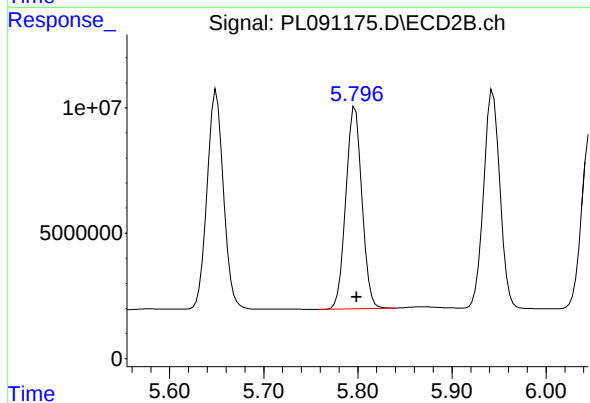
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 104889143
Conc: 54.22 ng/ml m



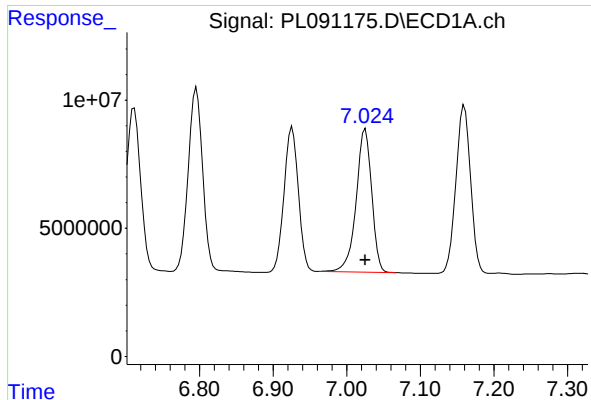
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 87740699
Conc: 58.05 ng/ml



#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 95634646
Conc: 57.93 ng/ml



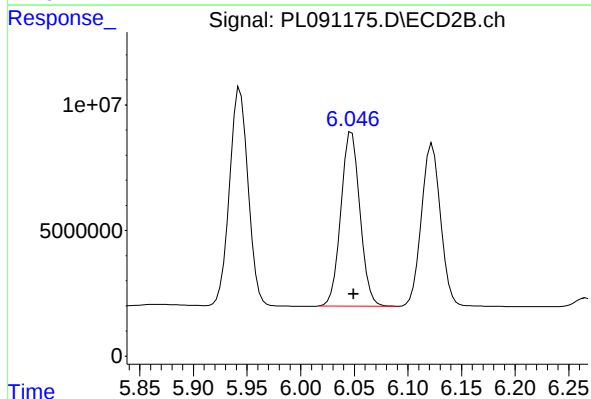
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: -0.001 min
Response: 81862569
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



#17 4,4'-DDT

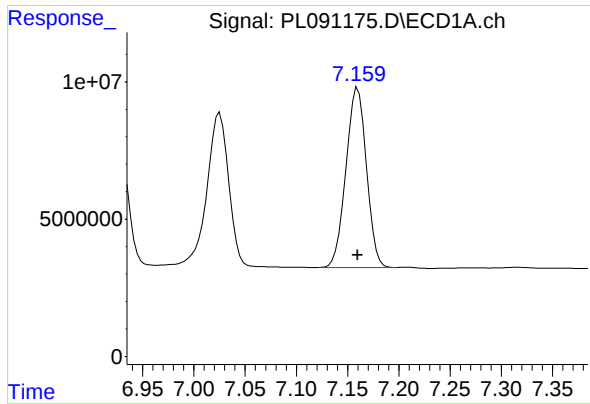
R.T.: 6.048 min
Delta R.T.: -0.002 min
Response: 85819611
Conc: 48.31 ng/ml

#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 76360483
Conc: 47.83 ng/ml

#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 80609243
Conc: 51.75 ng/ml



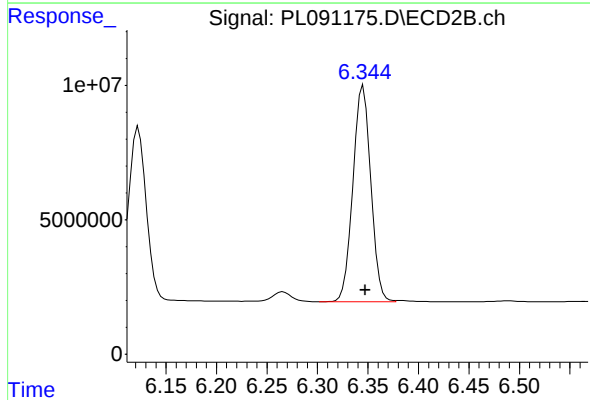
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 90857085
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

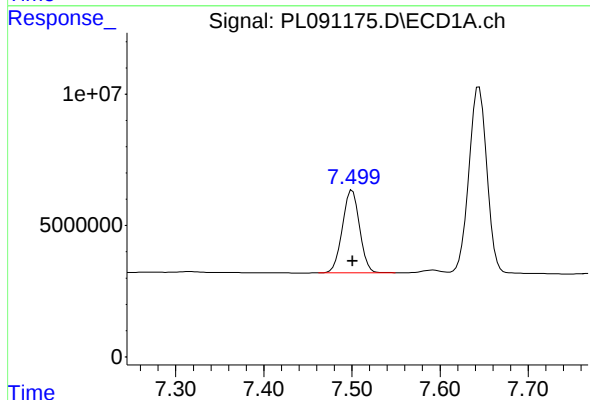
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



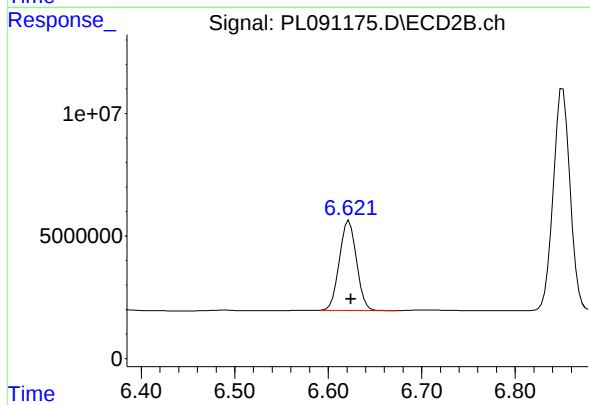
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: -0.003 min
Response: 99296546
Conc: 51.50 ng/ml m



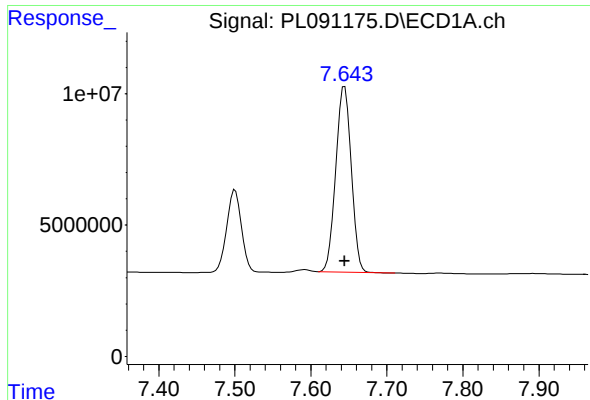
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 42866234
Conc: 45.59 ng/ml



#20 Methoxychlor

R.T.: 6.622 min
Delta R.T.: -0.002 min
Response: 46653876
Conc: 46.98 ng/ml



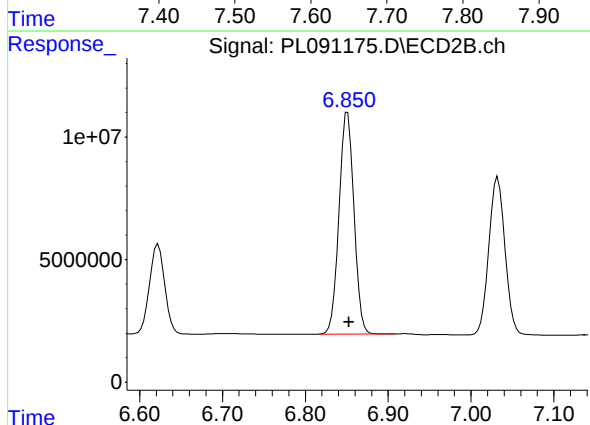
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 99673566
Conc: 47.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

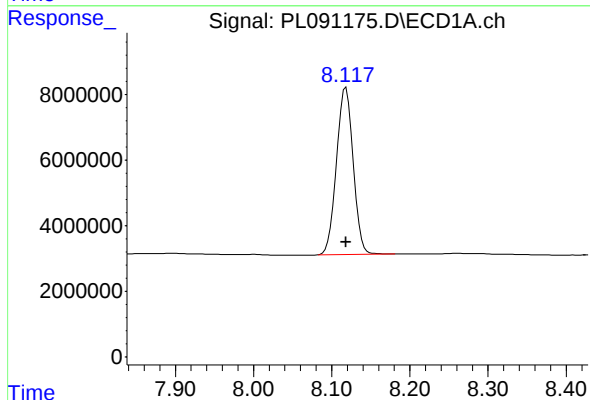
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



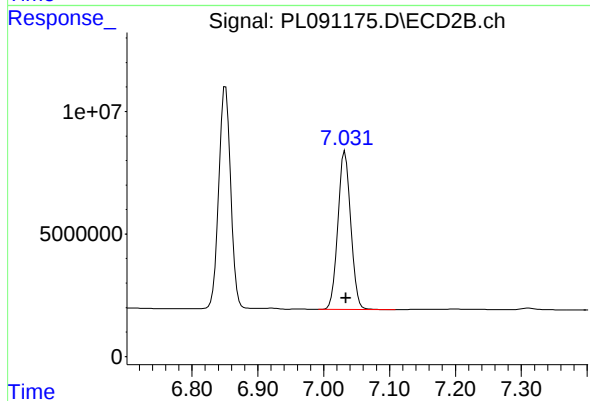
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 113407591
Conc: 52.07 ng/ml



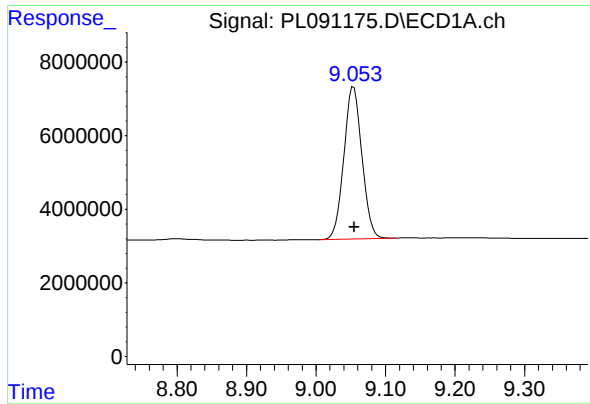
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 75879354
Conc: 44.60 ng/ml



#22 Mirex

R.T.: 7.031 min
Delta R.T.: -0.003 min
Response: 87658038
Conc: 46.97 ng/ml m



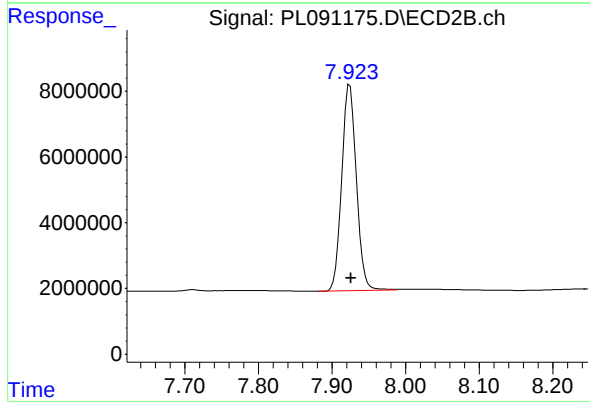
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.001 min
Response: 74402726
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 86922387
Conc: 45.89 ng/ml