Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072723\
Data File : PL084286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2023 08:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
PEM

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 21:19:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 2023
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... | 3.476 | 2.687 | 47092691 | 22231075 | 23.548 | 20.018 |
| 28) | SA Decachlor... | 9.025 | 7.870 | 34004343 | 25844098 | 26.124 | 23.259 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 3.933 | 3.191 | 32282574 | 15007649 | 11.019 | 9.334 |
| 3) | MA gamma-BHC... | 4.268 | 3.522 | 30861456 | 14056837 | 10.923 | 9.244 |
| 6) | B beta-BHC | 4.467 | 3.824 | 15680432 | 7369205 | 13.069 | 11.164 |
| 12) | B 4,4'-DDE | 6.148 | 5.166 | 831062 | 319873 | 0.413 | 0.260 # |
| 14) | MA Endrin | 6.525 | 5.563 | 94027866 | 58615931 | 49.373 | 53.324 |
| 16) | A 4,4'-DDD | 6.667 | 5.723 | 8807710 | 4588438 | 5.998 | 4.783 |
| 17) | MA 4,4'-DDT | 6.982 | 5.976 | 168.8E6 | 115.0E6 | 105.865 | 126.235 |
| 18) | B Endrin al... | 6.877 | 6.043 | 3285773 | 2346815 | 2.243 | 2.611 |
| 20) | A Methoxychlor | 7.463 | 6.561 | 205.3E6 | 147.1E6 | 262.484m | 306.864 |
| 21) | B Endrin ke... | 7.595 | 6.770 | 6379978 | 4766738 | 3.641m | 3.689m |

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

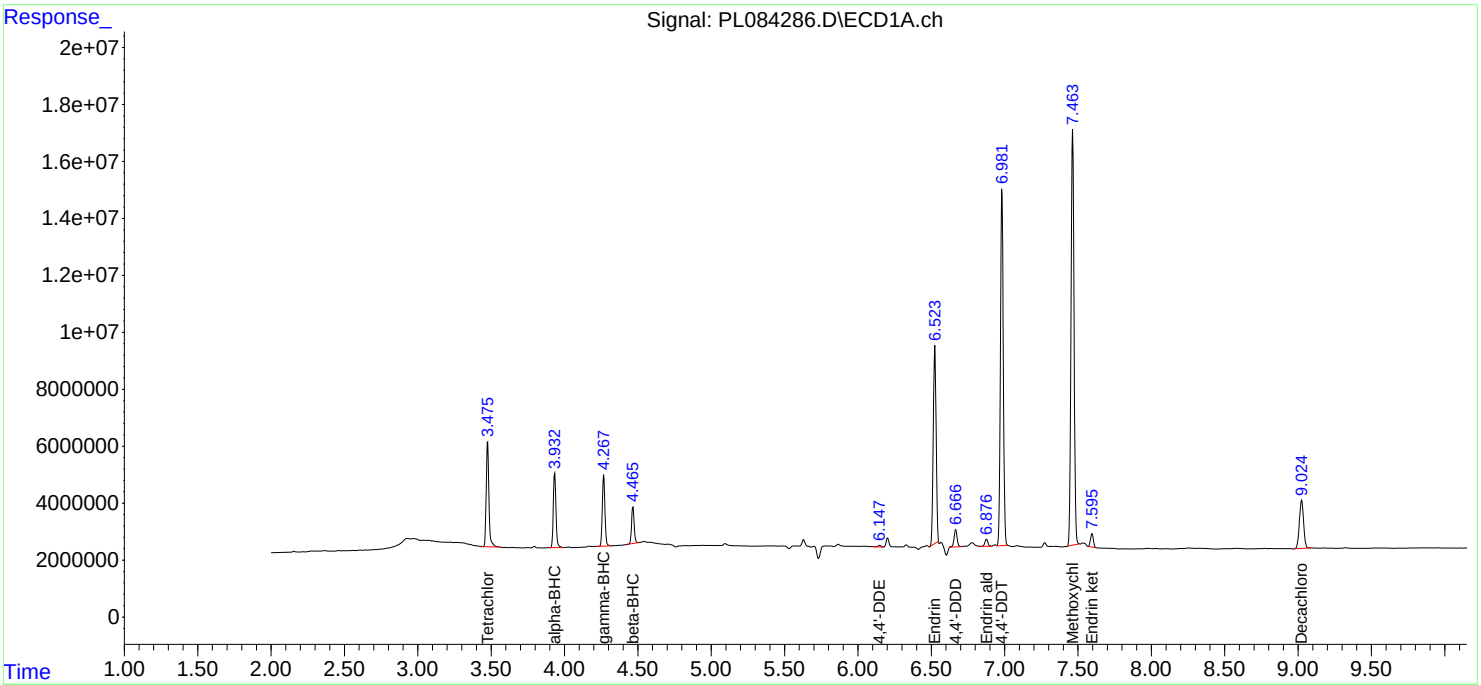
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072723\
Data File : PL084286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2023 08:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

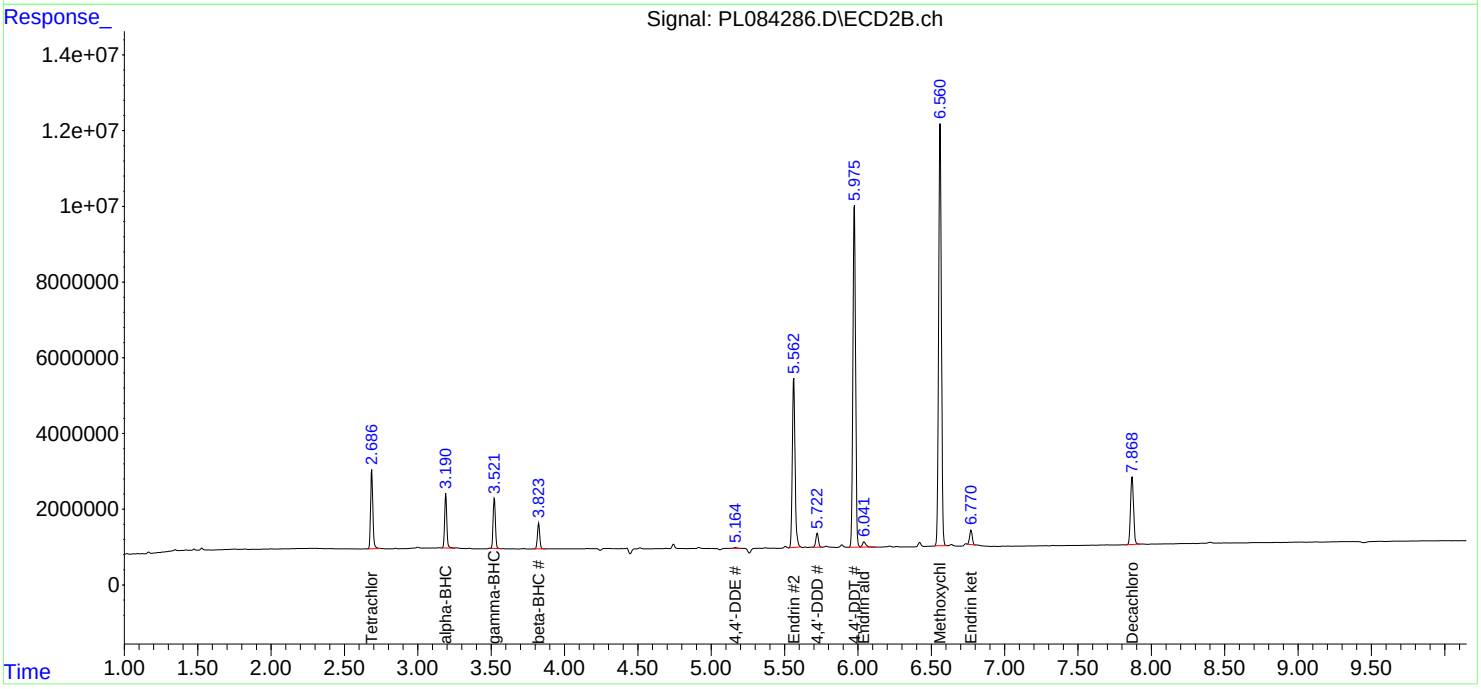
**Instrument :**
ECD_L
**ClientSampleId :**
PEM

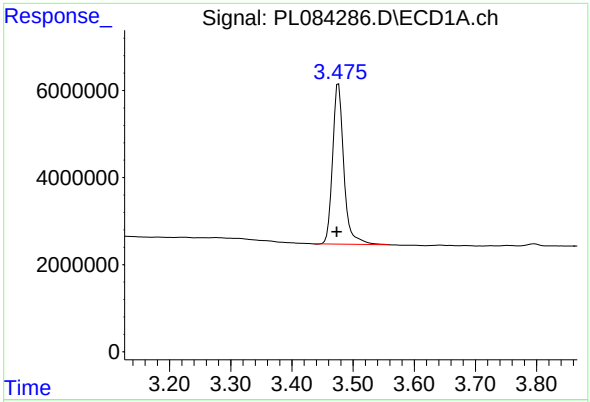
**Manual Integrations APPROVED**
Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 21:19:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 2023
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





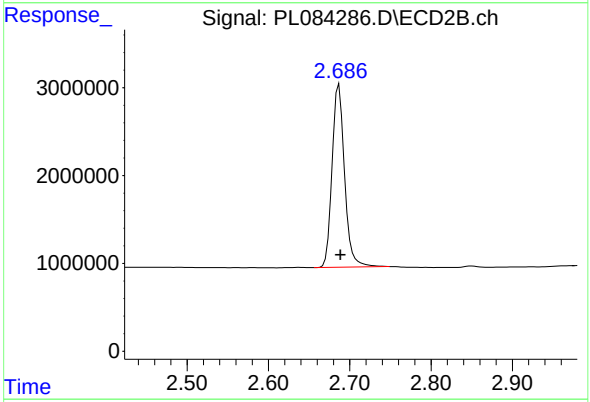

#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 47092691
Conc: 23.55 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM

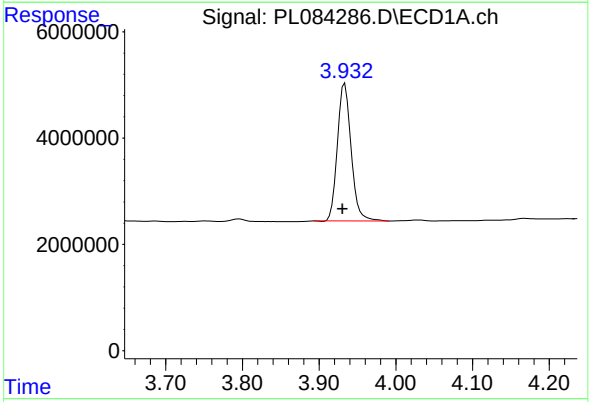
**Manual Integrations**
**APPROVED**

Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023



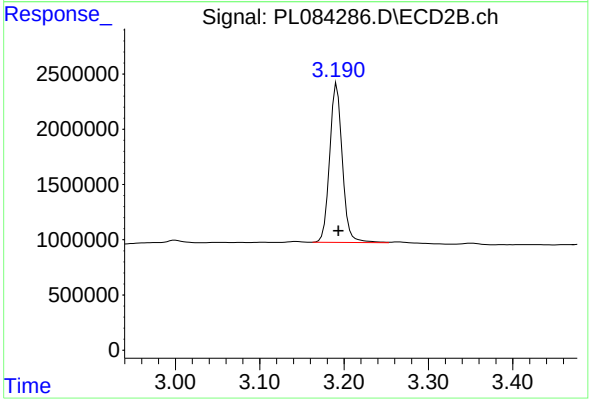

#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 22231075
Conc: 20.02 ng/ml



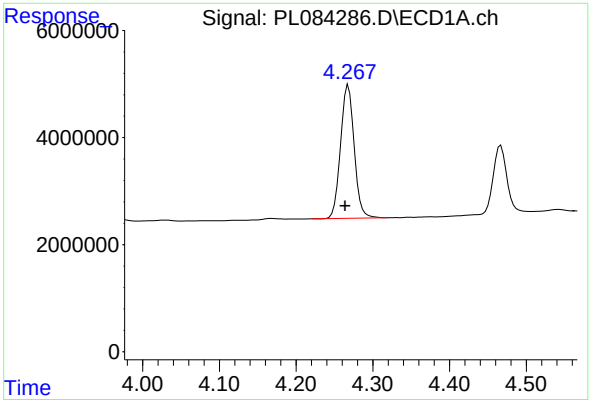

#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.003 min
Response: 32282574
Conc: 11.02 ng/ml




#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: -0.002 min
Response: 15007649
Conc: 9.33 ng/ml



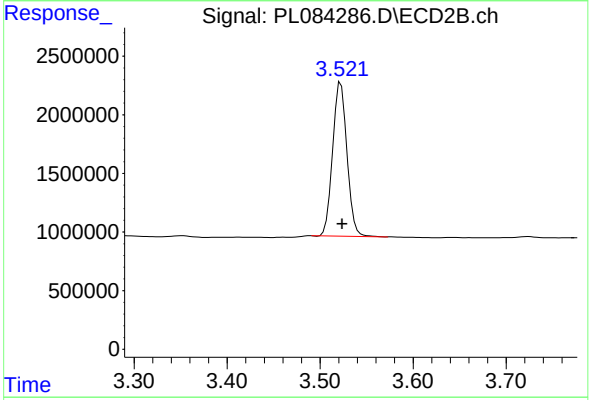

#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 30861456
Conc: 10.92 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM

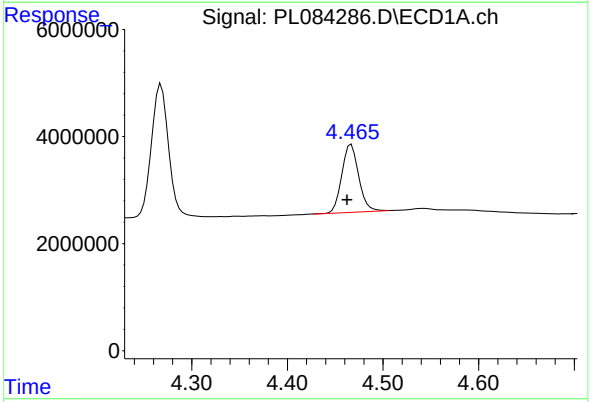
**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023



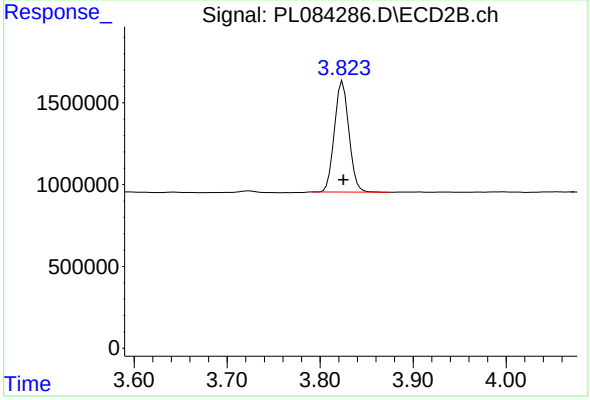

#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: -0.001 min
Response: 14056837
Conc: 9.24 ng/ml



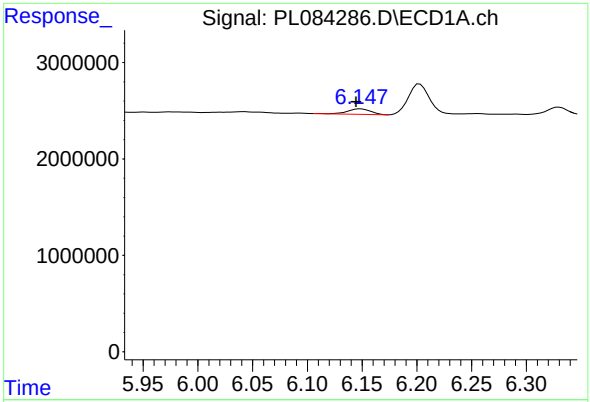

#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.004 min
Response: 15680432
Conc: 13.07 ng/ml




#6 beta-BHC

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 7369205
Conc: 11.16 ng/ml



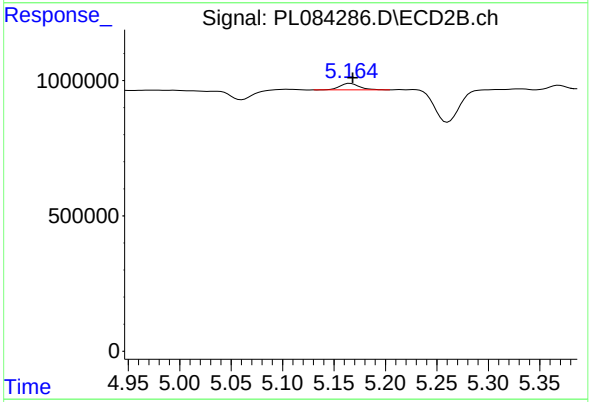

#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.004 min
Response: 831062
Conc: 0.41 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM

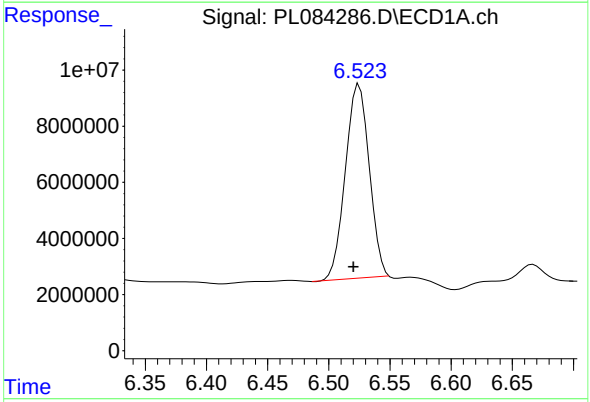
**Manual Integrations**
**APPROVED**

Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023



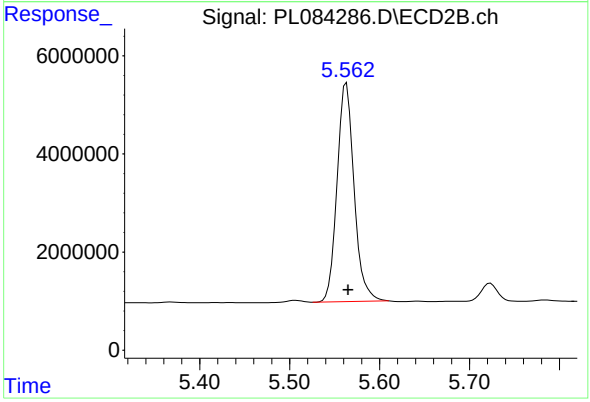

#12 4,4'-DDE

R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 319873
Conc: 0.26 ng/ml



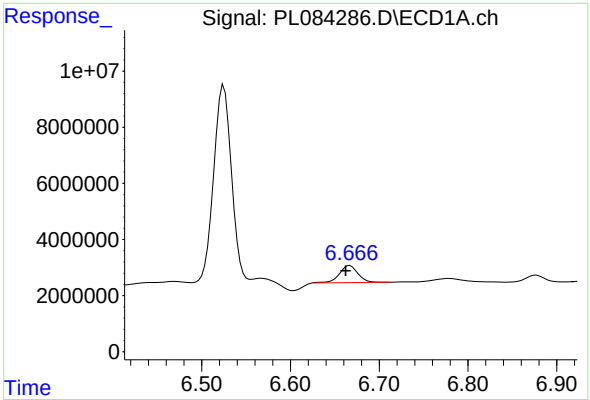

#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.005 min
Response: 94027866
Conc: 49.37 ng/ml




#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.002 min
Response: 58615931
Conc: 53.32 ng/ml



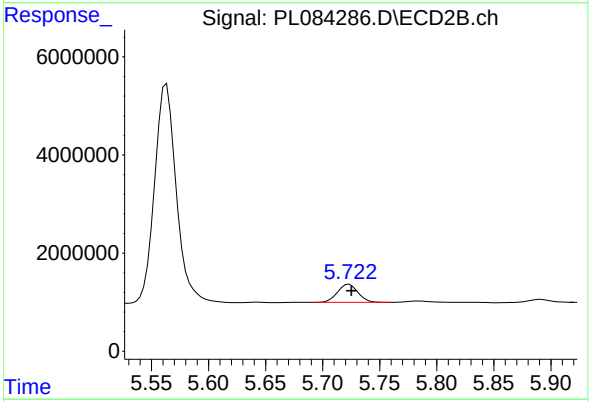

#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.005 min
Response: 8807710
Conc: 6.00 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM

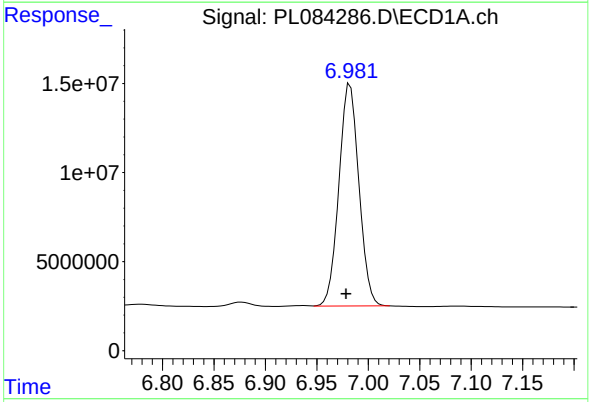
**Manual Integrations**
**APPROVED**

Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023



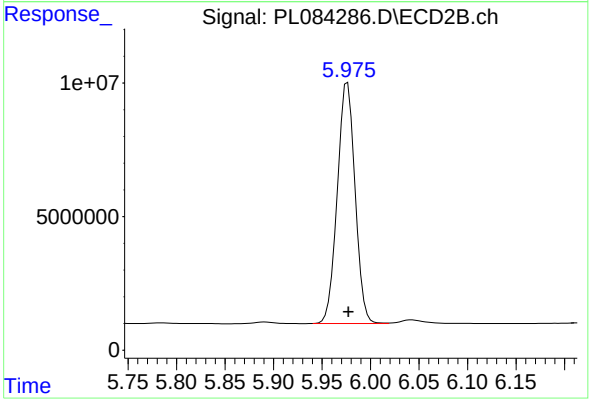

#16 4,4'-DDD

R.T.: 5.723 min
Delta R.T.: -0.002 min
Response: 4588438
Conc: 4.78 ng/ml



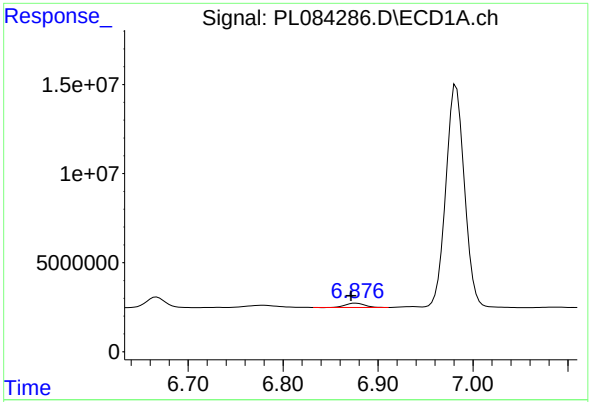

#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.004 min
Response: 168833456
Conc: 105.87 ng/ml




#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 114974596
Conc: 126.24 ng/ml



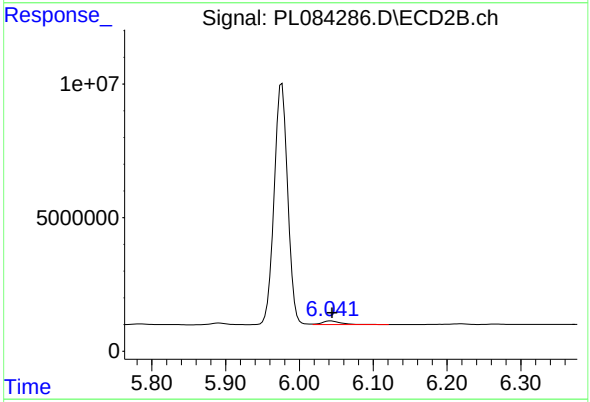

#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.005 min
Response: 3285773
Conc: 2.24 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM

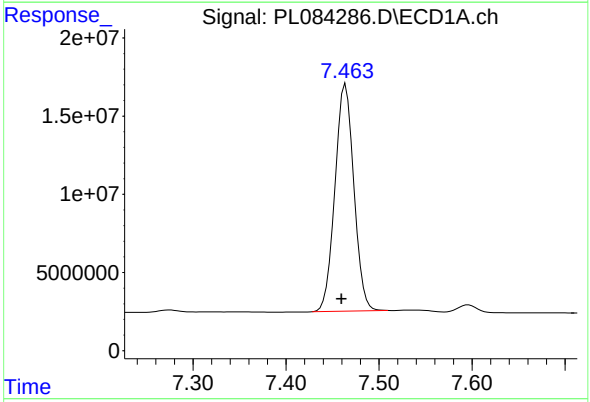
**Manual Integrations**
**APPROVED**

Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023



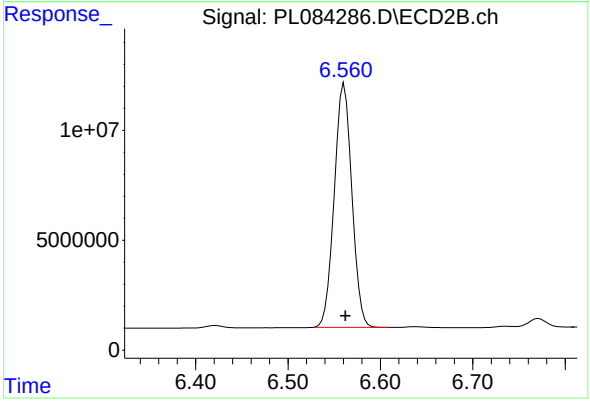

#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 2346815
Conc: 2.61 ng/ml



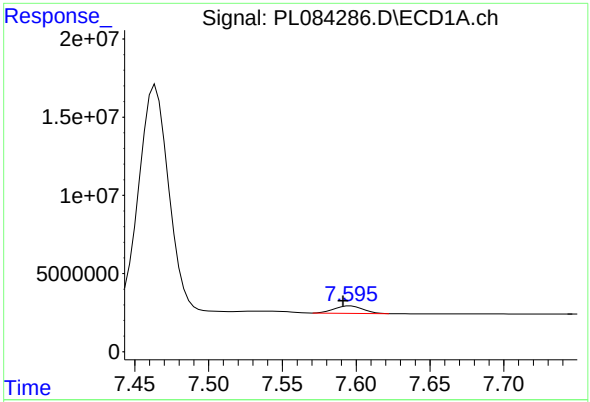

#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: 0.003 min
Response: 205320910
Conc: 262.48 ng/ml m




#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 147061786
Conc: 306.86 ng/ml



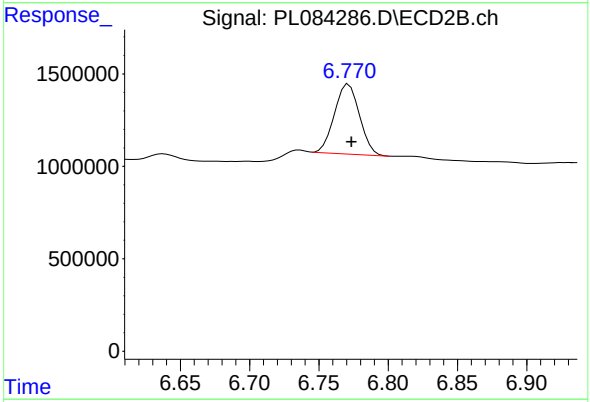

#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: 0.004 min
Response: 6379978
Conc: 3.64 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM

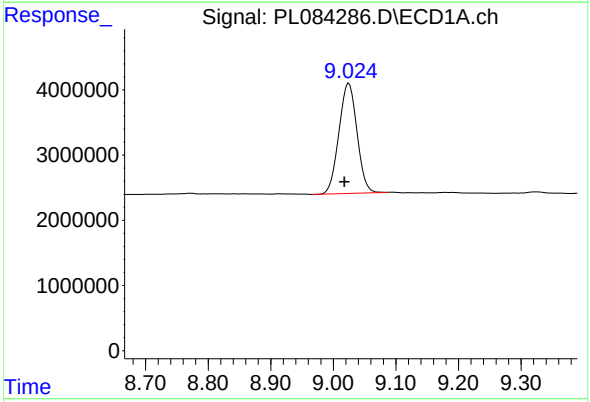
**Manual Integrations**
**APPROVED**

Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023



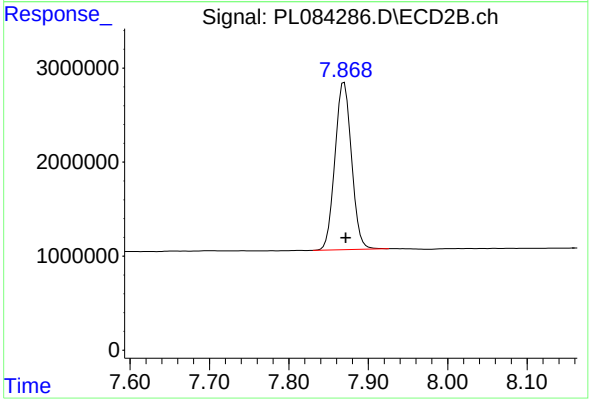

#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: -0.003 min
Response: 4766738
Conc: 3.69 ng/ml m




#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.008 min
Response: 34004343
Conc: 26.12 ng/ml




#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: -0.002 min
Response: 25844098
Conc: 23.26 ng/ml