

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051625\
 Data File : PL095714.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2025 10:26
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/19/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 01:55:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 13 14:38:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.593	2.909	82247303	89747409	20.129	19.160
28)	SA Decachlor...	9.115	8.085	73891411	84465625	21.781	20.478
Target Compounds							
2)	A alpha-BHC	4.043	3.418	57820916	70198143	9.882	9.816
3)	MA gamma-BHC...	4.374	3.752	56213288	66891112	10.099	9.906
6)	B beta-BHC	4.559	4.045	25105567	30494085	10.251	10.107
14)	MA Endrin	6.618	5.806	204.1E6	272.1E6	53.272	51.071
16)	A 4,4'-DDD	6.747	5.948	6626153	8190060	1.705	1.593
17)	MA 4,4'-DDT	7.064	6.202	379.6E6	496.4E6	105.502	98.913
18)	B Endrin al...	6.953	6.275	823691	2690034	0.281m	0.703m#
20)	A Methoxychlor	7.534	6.772	420.6E6	573.1E6	249.487	211.799
21)	B Endrin ke...	7.672	7.003	2701929	5189360	0.721m	0.883m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051625\
Data File : PL095714.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2025 10:26
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

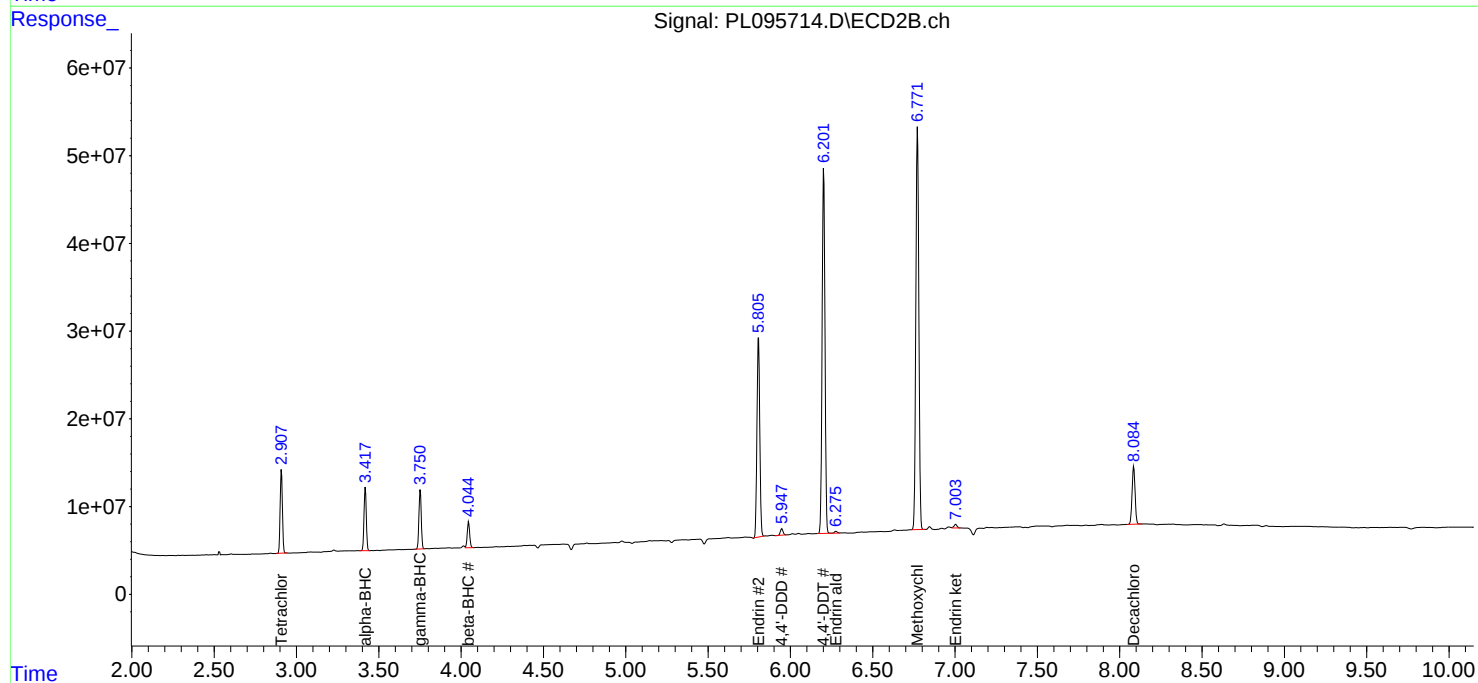
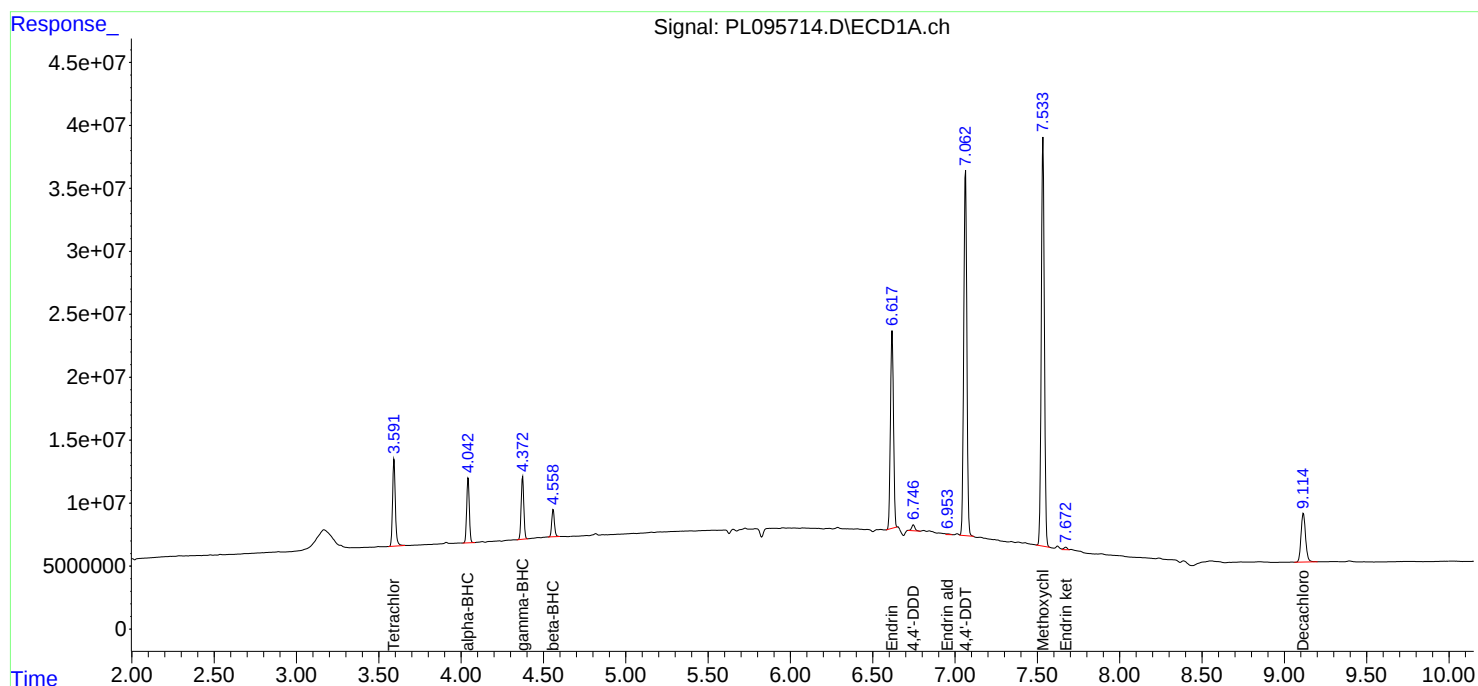
Instrument :
ECD_L
ClientSampleId :
PEM

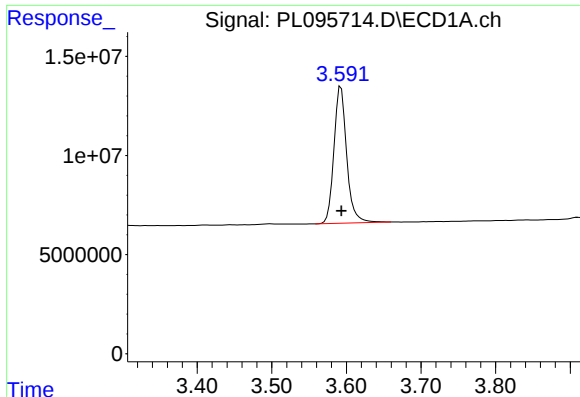
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/19/2025
Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 01:55:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
Quant Title : GC Extractables
QLast Update : Tue May 13 14:38:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





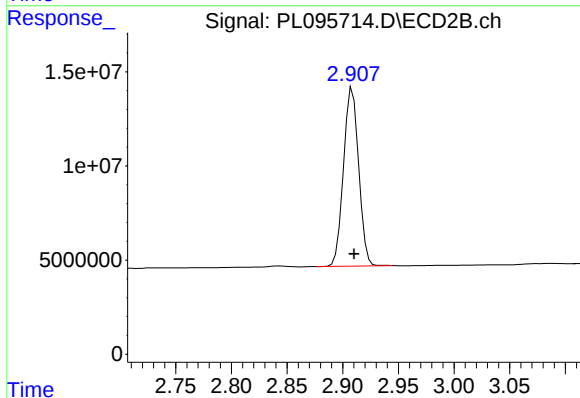
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 82247303
Conc: 20.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

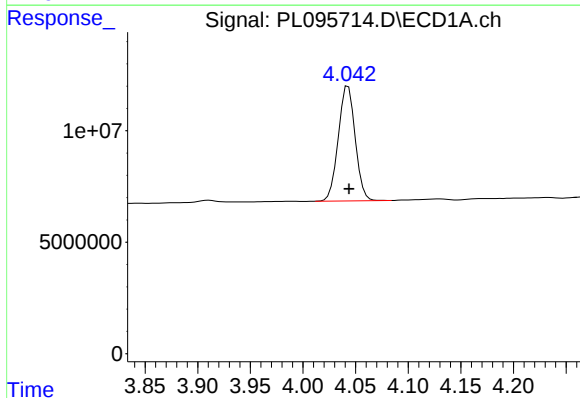
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



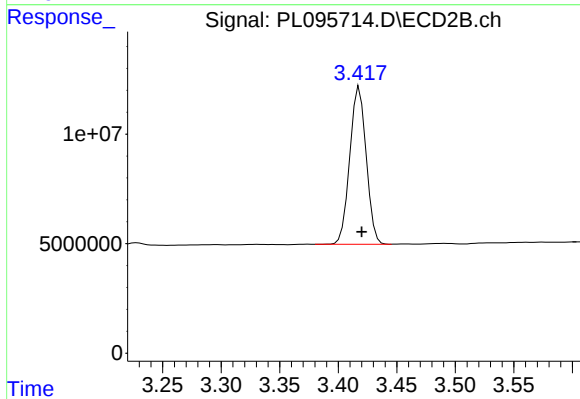
#1 Tetrachloro-m-xylene

R.T.: 2.909 min
Delta R.T.: -0.002 min
Response: 89747409
Conc: 19.16 ng/ml



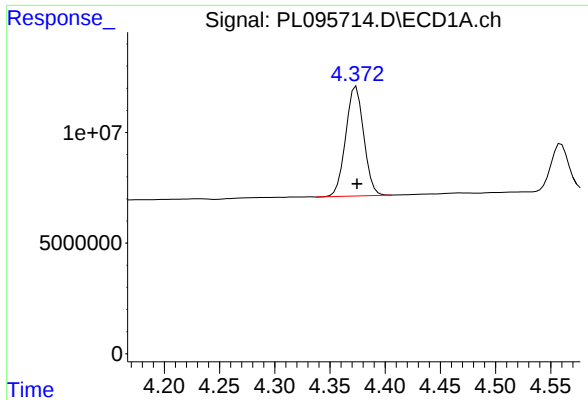
#2 alpha-BHC

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 57820916
Conc: 9.88 ng/ml



#2 alpha-BHC

R.T.: 3.418 min
Delta R.T.: -0.002 min
Response: 70198143
Conc: 9.82 ng/ml



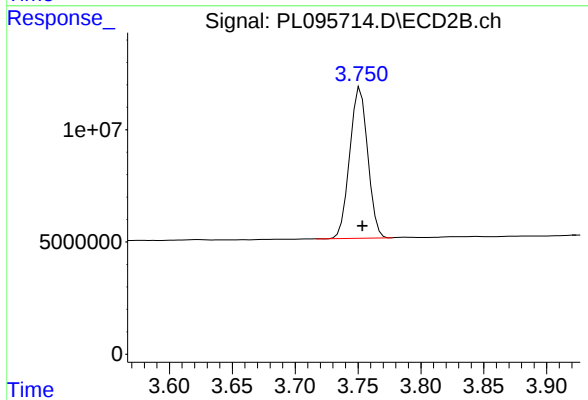
#3 gamma-BHC (Lindane)

R.T.: 4.374 min
Delta R.T.: 0.000 min
Response: 56213288
Conc: 10.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

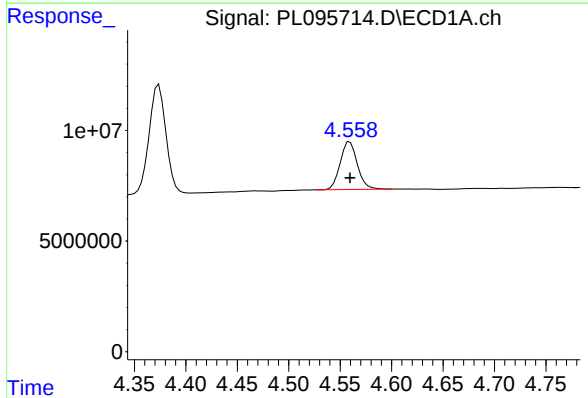
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



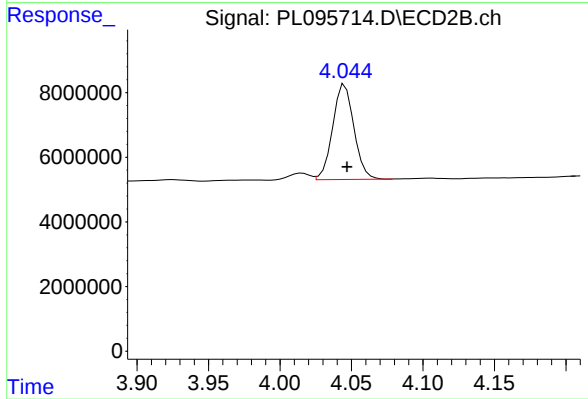
#3 gamma-BHC (Lindane)

R.T.: 3.752 min
Delta R.T.: -0.002 min
Response: 66891112
Conc: 9.91 ng/ml



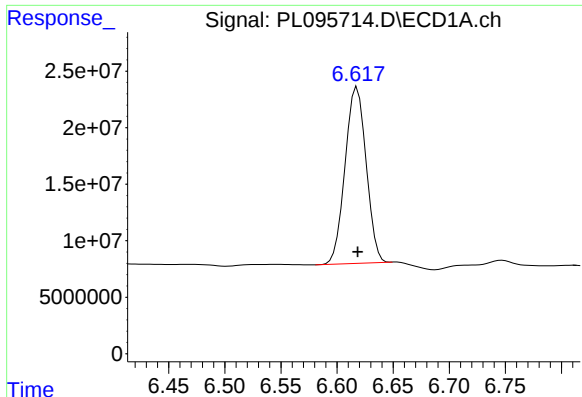
#6 beta-BHC

R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 25105567
Conc: 10.25 ng/ml



#6 beta-BHC

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 30494085
Conc: 10.11 ng/ml



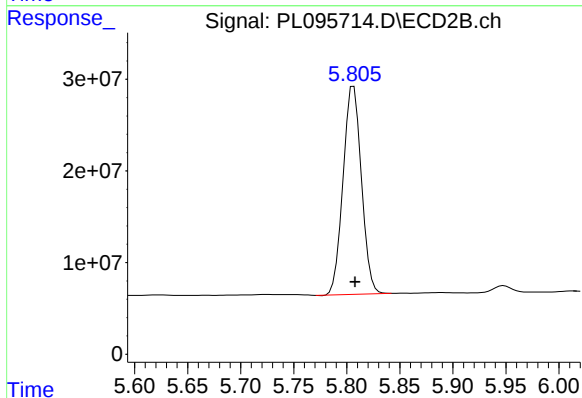
#14 Endrin

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 204063563
Conc: 53.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

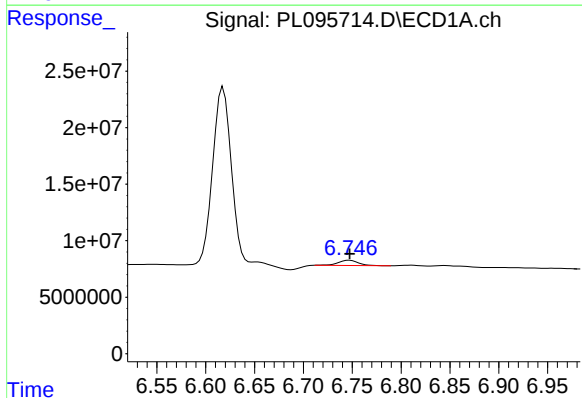
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



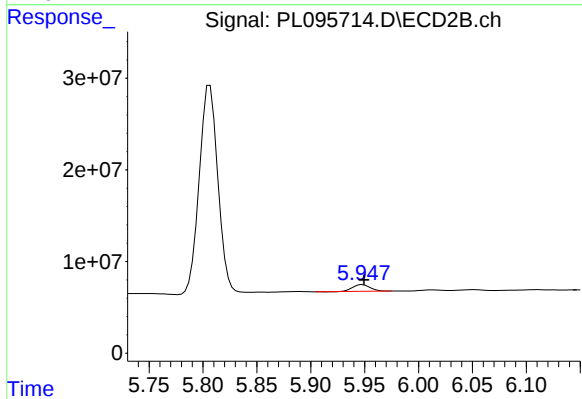
#14 Endrin

R.T.: 5.806 min
Delta R.T.: -0.001 min
Response: 272090928
Conc: 51.07 ng/ml



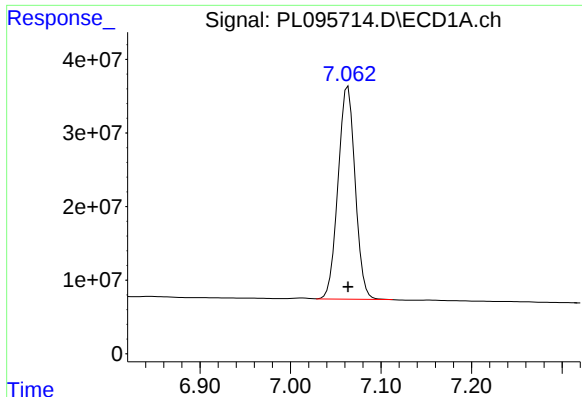
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 6626153
Conc: 1.71 ng/ml



#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 8190060
Conc: 1.59 ng/ml



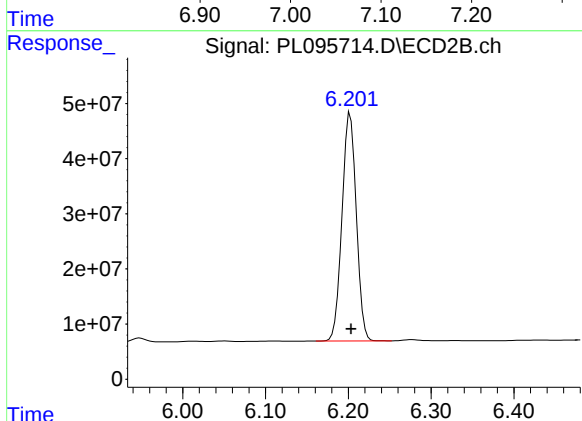
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 379578184
Conc: 105.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

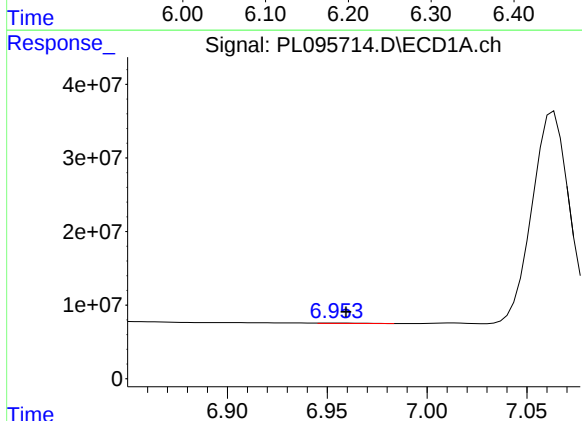
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



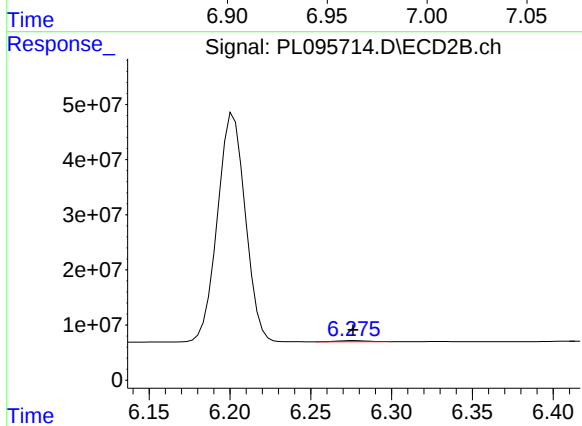
#17 4,4'-DDT

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 496429511
Conc: 98.91 ng/ml



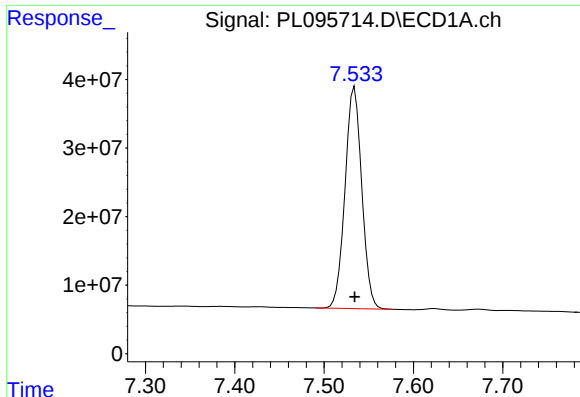
#18 Endrin aldehyde

R.T.: 6.953 min
Delta R.T.: -0.006 min
Response: 823691
Conc: 0.28 ng/ml m



#18 Endrin aldehyde

R.T.: 6.275 min
Delta R.T.: -0.001 min
Response: 2690034
Conc: 0.70 ng/ml m



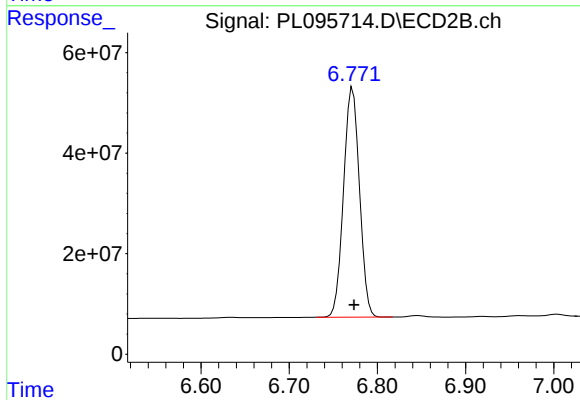
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 420644804
Conc: 249.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

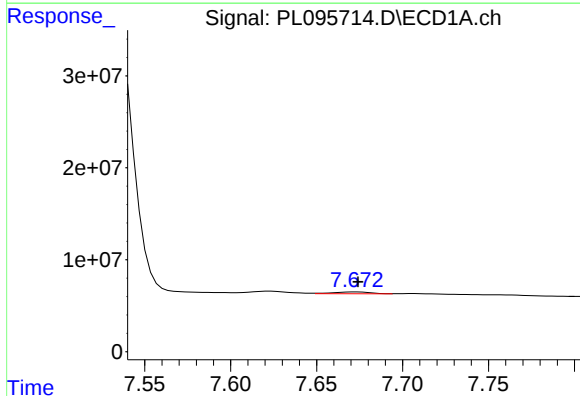
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



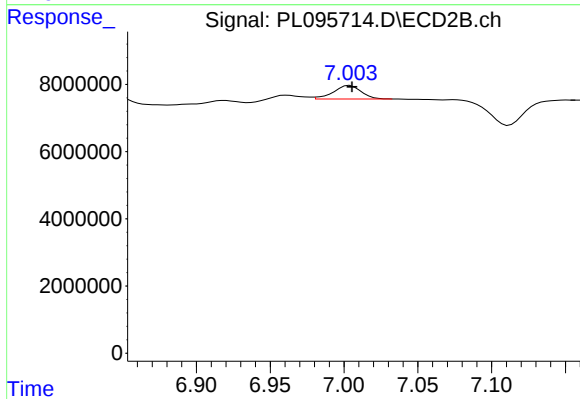
#20 Methoxychlor

R.T.: 6.772 min
Delta R.T.: -0.001 min
Response: 573092177
Conc: 211.80 ng/ml



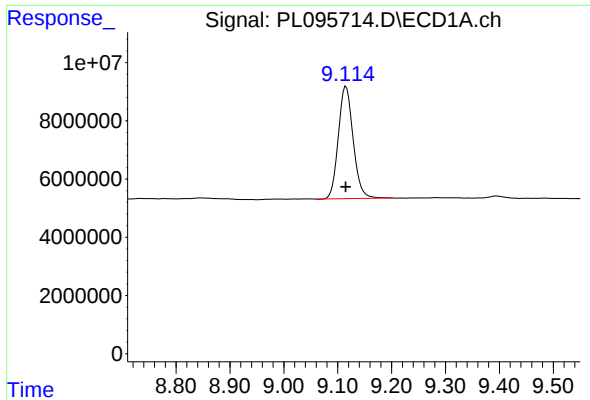
#21 Endrin ketone

R.T.: 7.672 min
Delta R.T.: -0.002 min
Response: 2701929
Conc: 0.72 ng/ml m



#21 Endrin ketone

R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 5189360
Conc: 0.88 ng/ml m



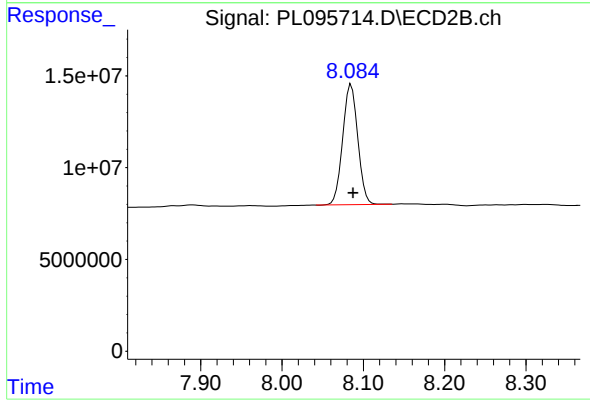
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 73891411
Conc: 21.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 84465625
Conc: 20.48 ng/ml