

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
 Data File : PL094667.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2025 11:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/14/2025
 Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 14:34:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.539	2.768	52188260	68522594	18.437	19.198
28)	SA Decachlor...	9.055	7.903	46719225	84130410	22.169	20.828
Target Compounds							
2)	A alpha-BHC	3.995	3.270	39103745	49443897	9.417	9.171
3)	MA gamma-BHC...	4.328	3.600	37928360	45829765	9.505	8.917
6)	B beta-BHC	4.527	3.901	17132813	22534758	9.285	10.145
14)	MA Endrin	6.574	5.630	106.4E6	188.7E6	38.377	43.242
16)	A 4,4'-DDD	6.709	5.779	860805	1228484	0.397m	0.342m
17)	MA 4,4'-DDT	7.025	6.028	213.3E6	410.0E6	89.694	101.690
18)	B Endrin al...	6.923	6.105	2570057	6283167	1.217m	1.867 #
20)	A Methoxychlor	7.501	6.604	272.4E6	513.1E6	227.577	241.917
21)	B Endrin ke...	7.643	6.832	7619089	8902126	2.882	1.865 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
Data File : PL094667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2025 11:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

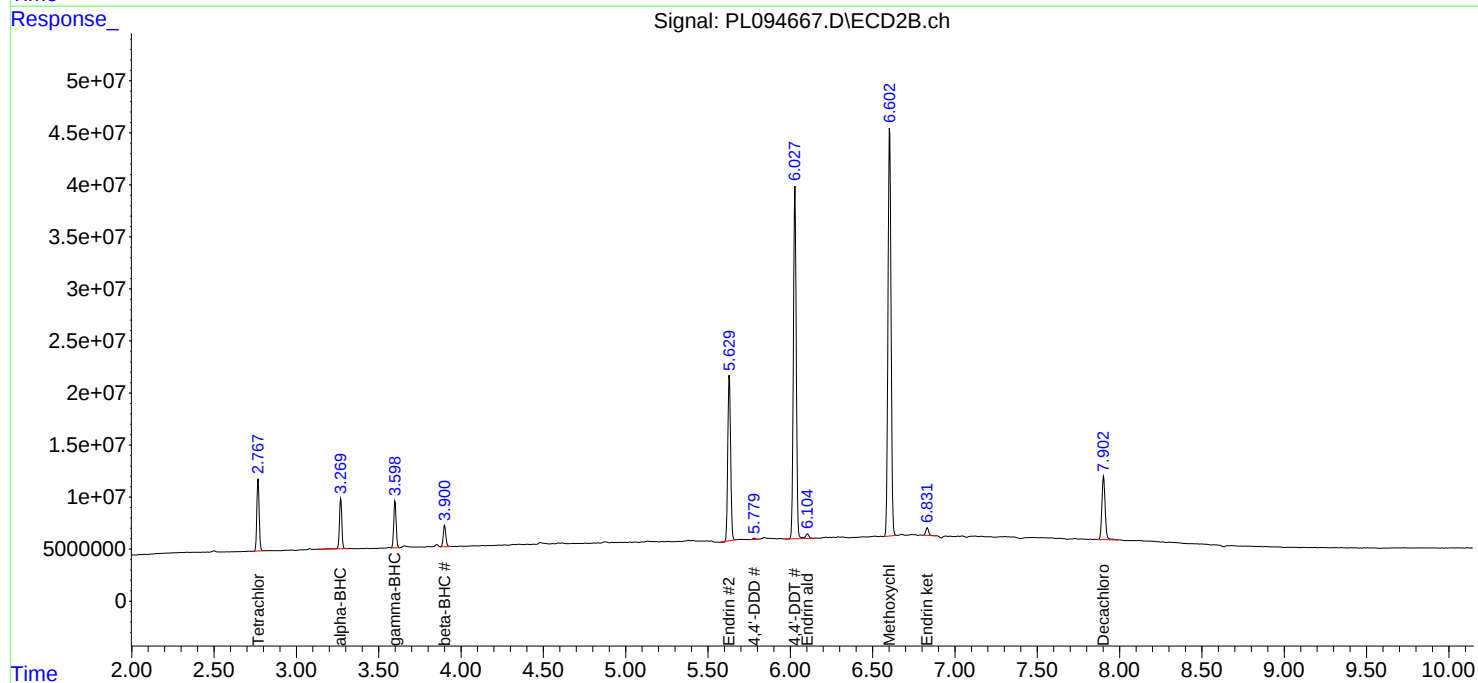
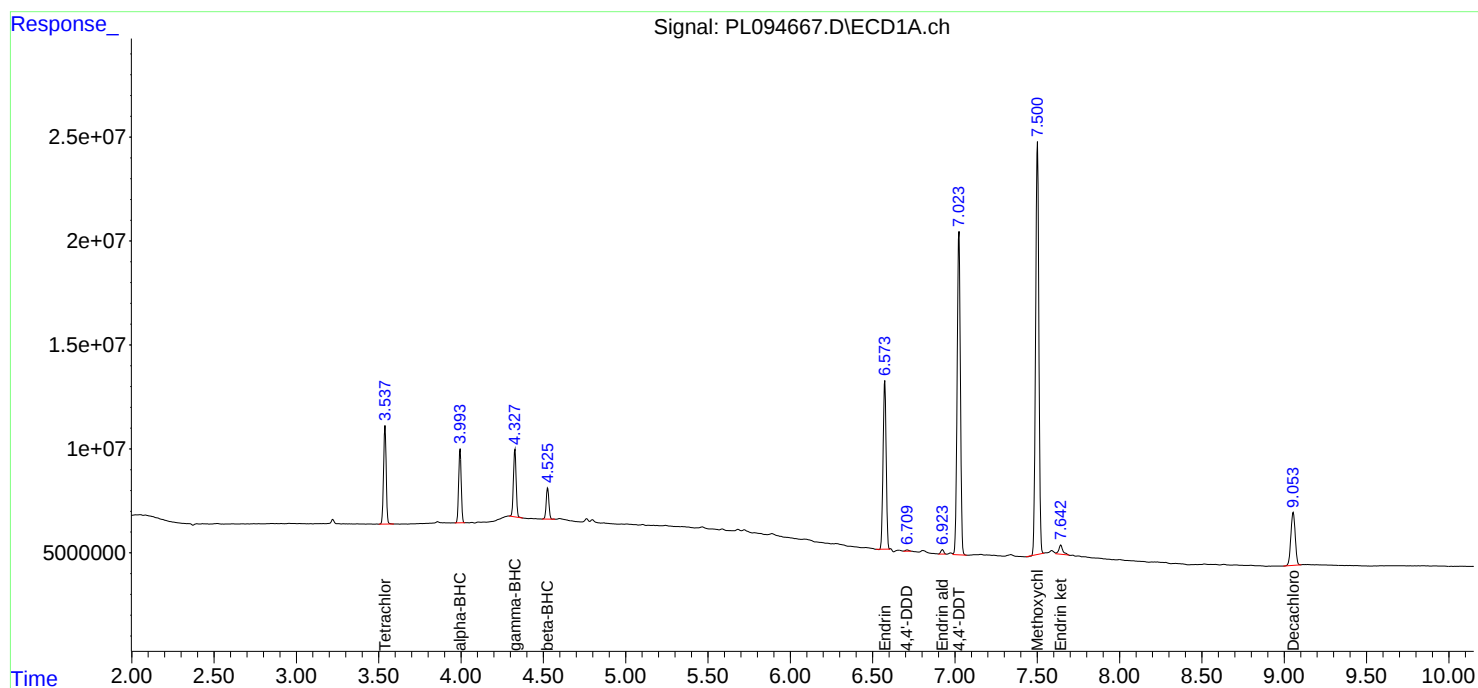
Instrument :
ECD_L
ClientSampleId :
PEM

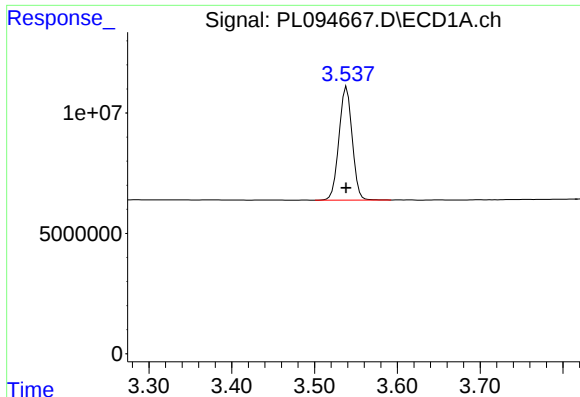
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 14:34:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





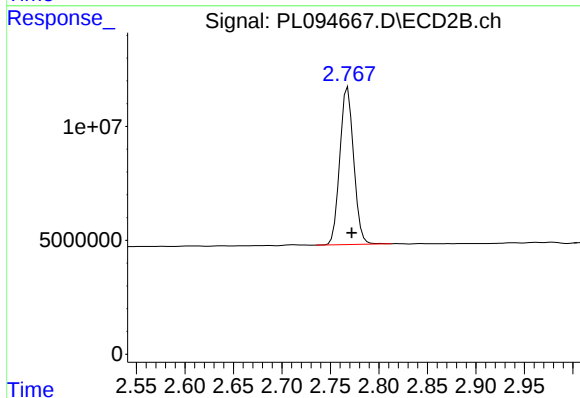
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 52188260
Conc: 18.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

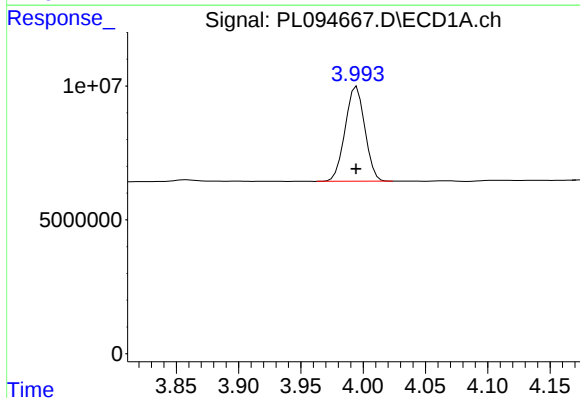
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



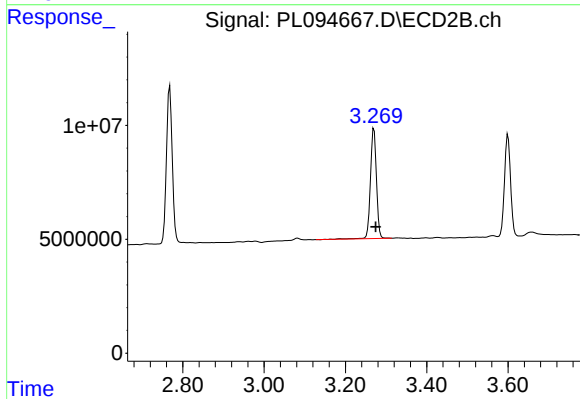
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 68522594
Conc: 19.20 ng/ml



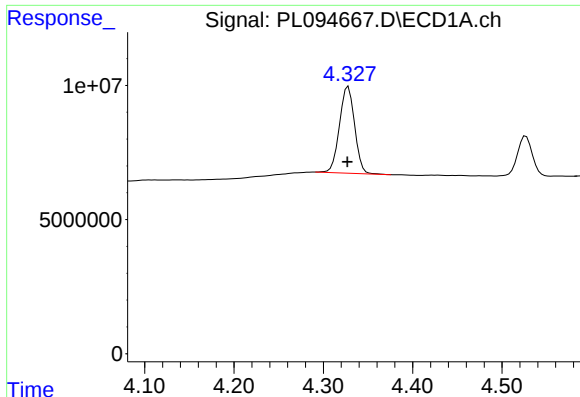
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 39103745
Conc: 9.42 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 49443897
Conc: 9.17 ng/ml



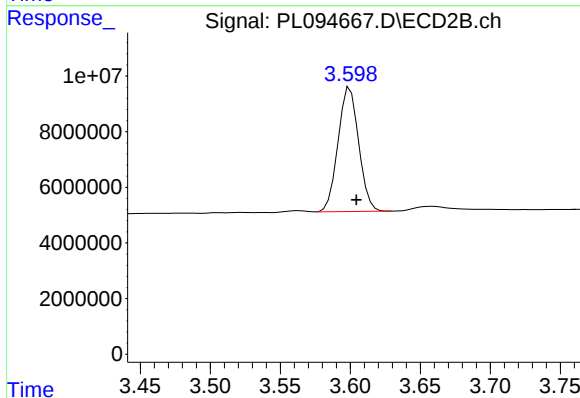
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.001 min
Response: 37928360
Conc: 9.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

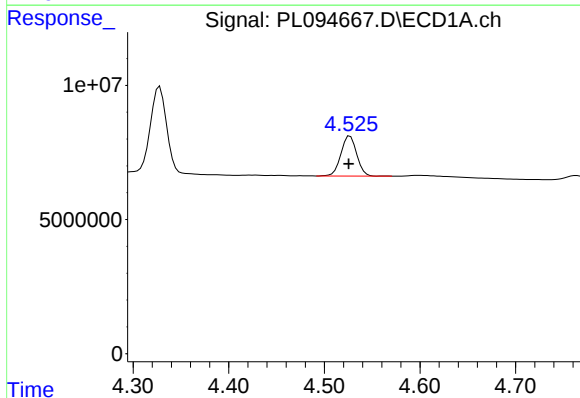
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



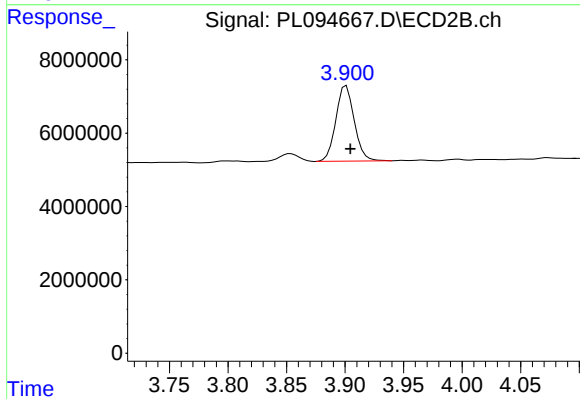
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 45829765
Conc: 8.92 ng/ml



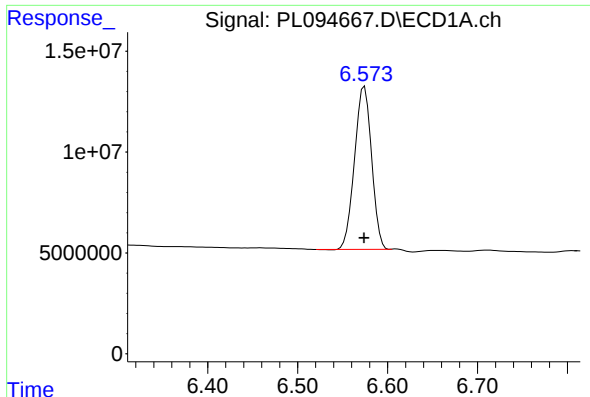
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.001 min
Response: 17132813
Conc: 9.28 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 22534758
Conc: 10.14 ng/ml



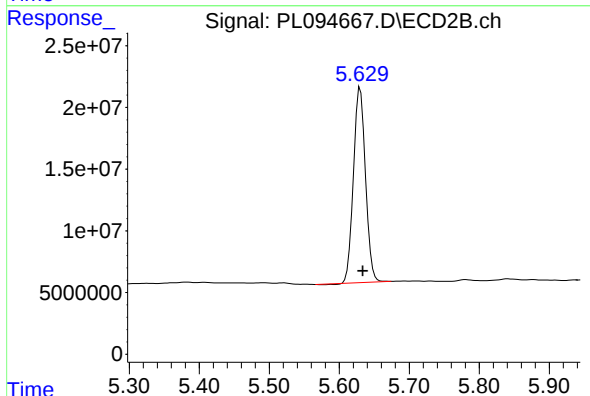
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 106385037
Conc: 38.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

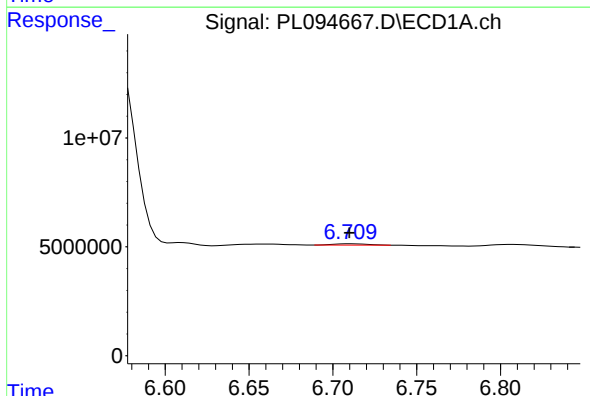
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



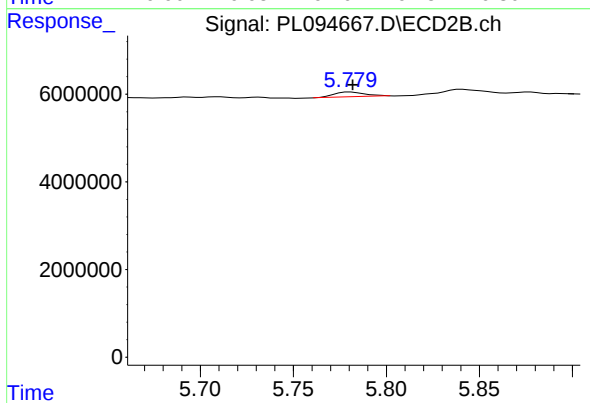
#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 188692302
Conc: 43.24 ng/ml



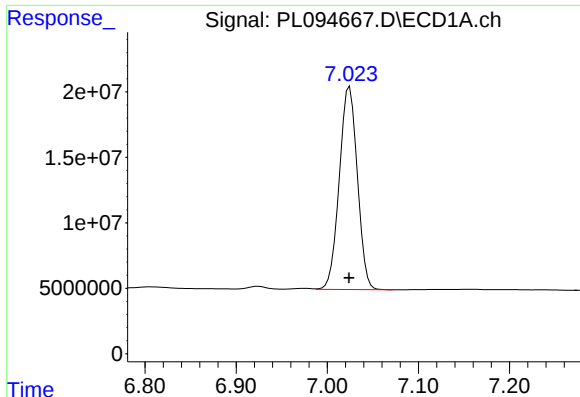
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 860805
Conc: 0.40 ng/ml m



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 1228484
Conc: 0.34 ng/ml m



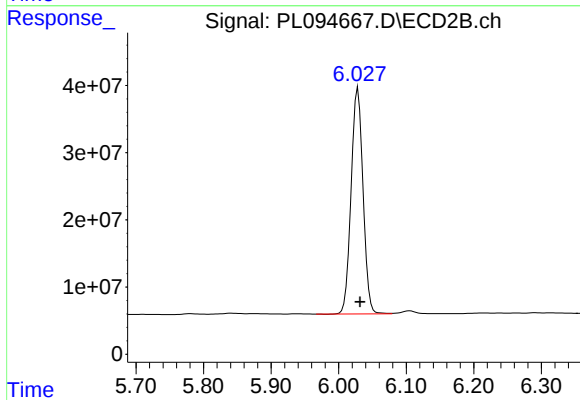
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 213339892
Conc: 89.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

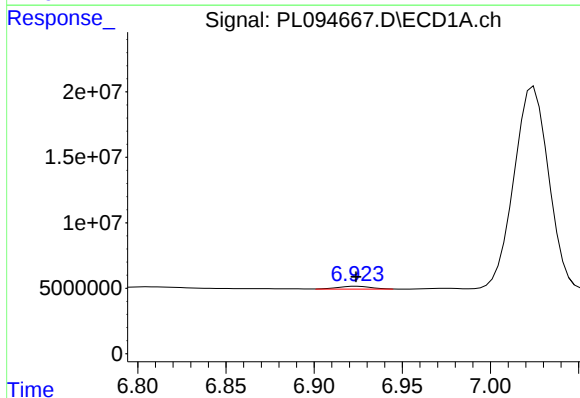
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



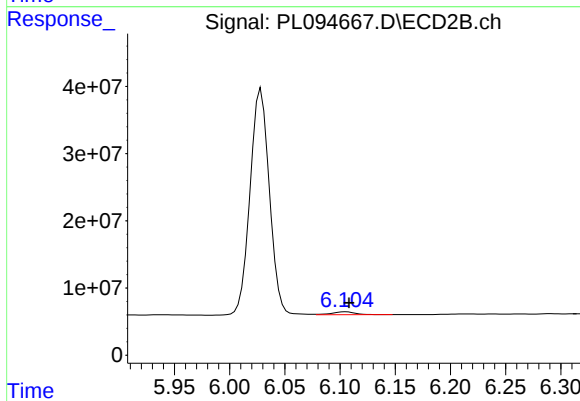
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 410024128
Conc: 101.69 ng/ml



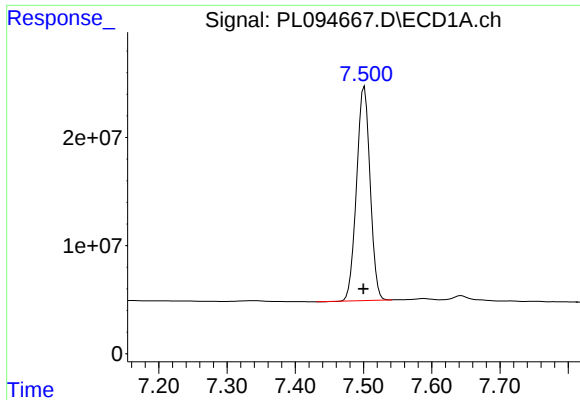
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 2570057
Conc: 1.22 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 6283167
Conc: 1.87 ng/ml



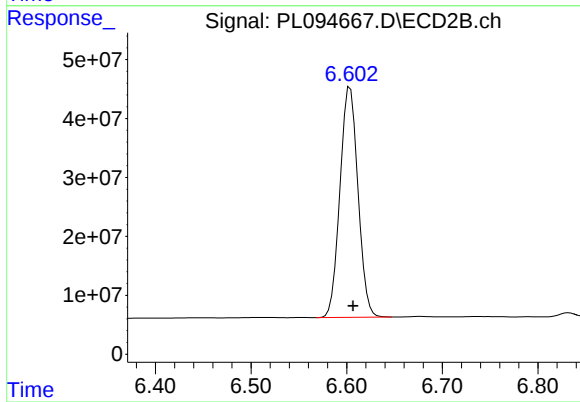
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.002 min
Response: 272425722
Conc: 227.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

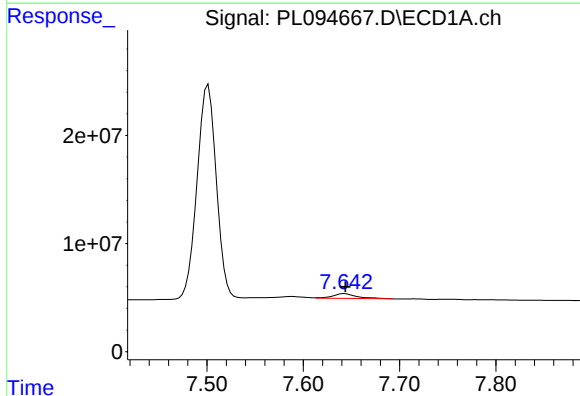
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



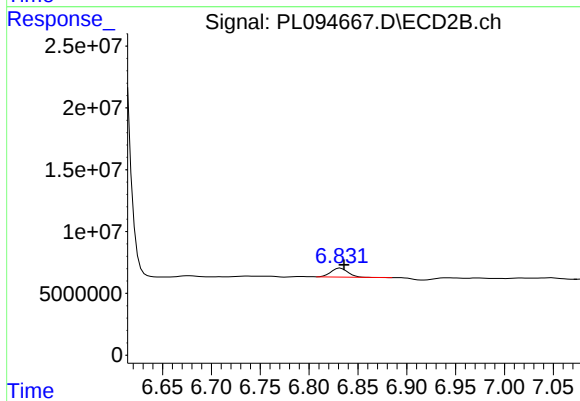
#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 513122144
Conc: 241.92 ng/ml



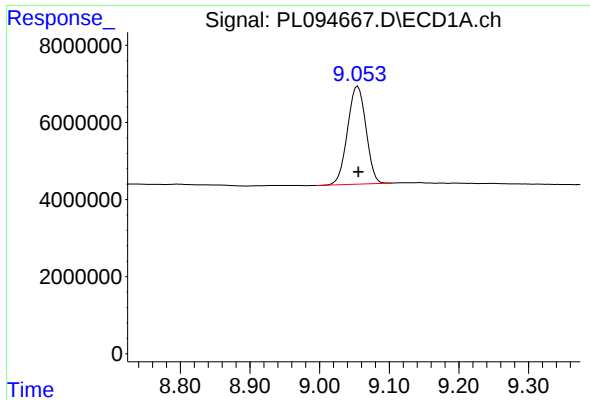
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 7619089
Conc: 2.88 ng/ml



#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 8902126
Conc: 1.87 ng/ml



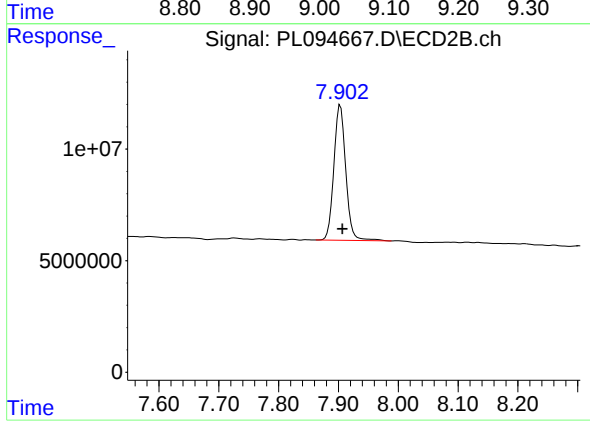
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 46719225
Conc: 22.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 84130410
Conc: 20.83 ng/ml