

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
 Data File : PL094540.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 12:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 23:54:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.538	2.772	60958494	75365243	24.008	23.617
28)	SA Decachlor...	9.056	7.907	47729030	80661760	22.437	20.975
Target Compounds							
2)	A alpha-BHC	3.994	3.274	46147037	54103711	12.200	11.008
3)	MA gamma-BHC...	4.327	3.604	44343596	50618826	12.002	10.747
6)	B beta-BHC	4.526	3.904	19657224	25592807	12.310	12.868
12)	B 4,4'-DDE	6.191	5.225	947953	857806	0.363m	0.204m#
14)	MA Endrin	6.573	5.634	118.9E6	207.2E6	46.583m	60.860 #
16)	A 4,4'-DDD	6.710	5.782	10513477	14082976	5.684	4.421
17)	MA 4,4'-DDT	7.024	6.032	213.8E6	407.9E6	101.790	114.667
18)	B Endrin al...	6.924	6.108	4575272	8024781	2.350	2.539
20)	A Methoxychlor	7.501	6.607	266.1E6	496.1E6	239.499	254.266
21)	B Endrin ke...	7.643	6.836	9048771	14114100	3.610	3.307

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
Data File : PL094540.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 12:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

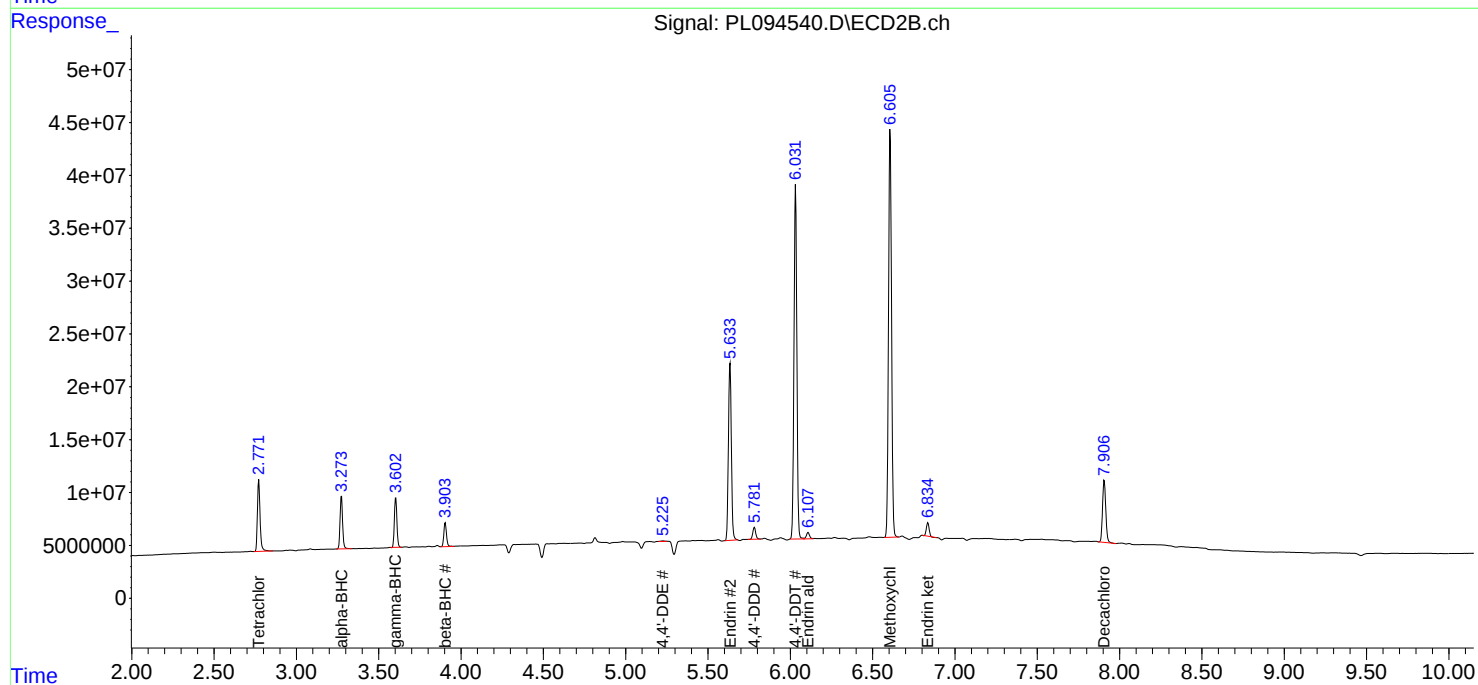
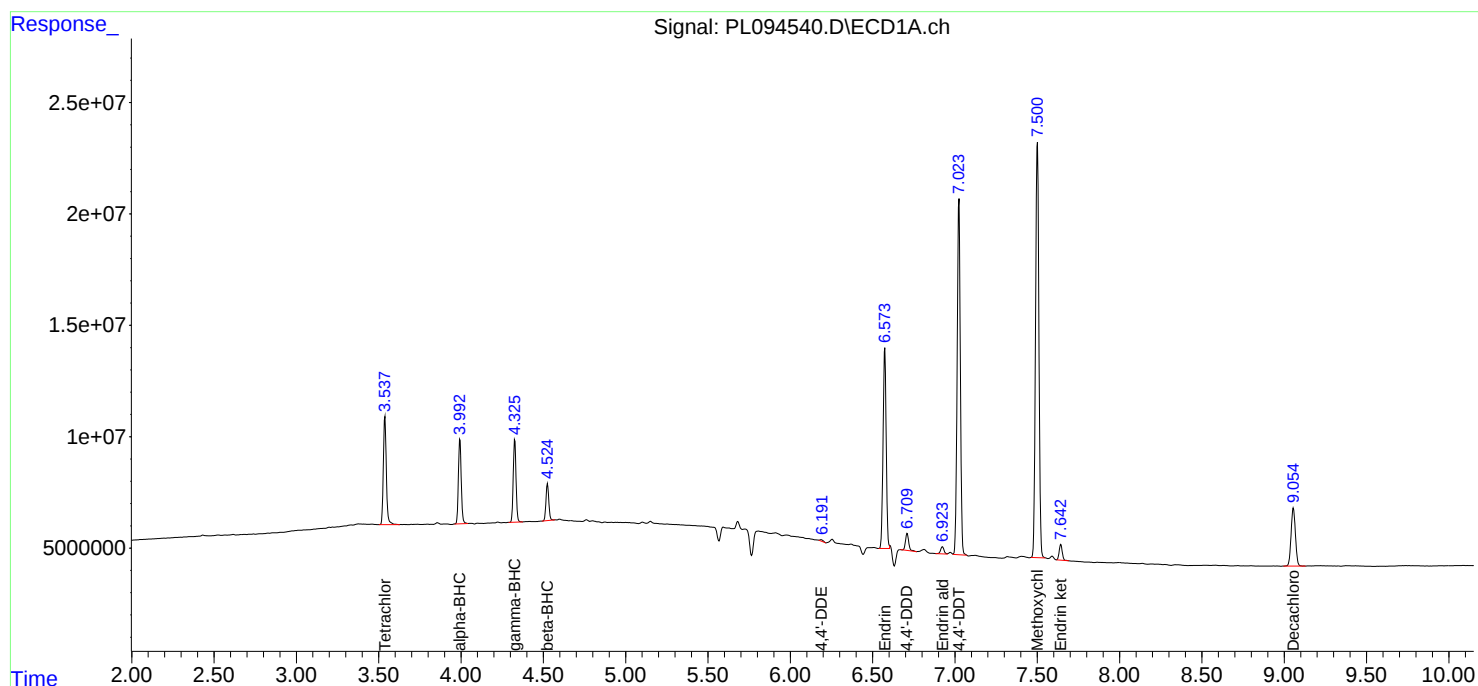
Instrument :
ECD_L
ClientSampleId :
PEM

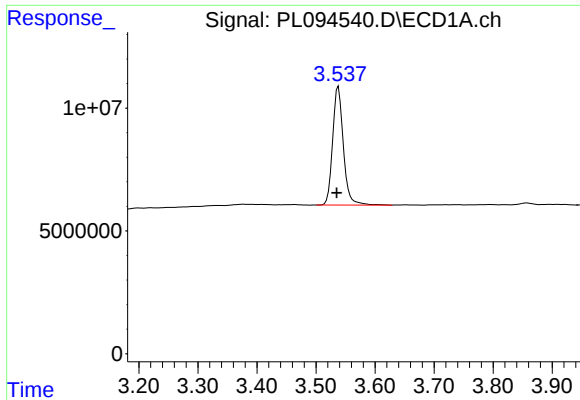
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 03/10/2025
Supervised By : Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 23:54:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





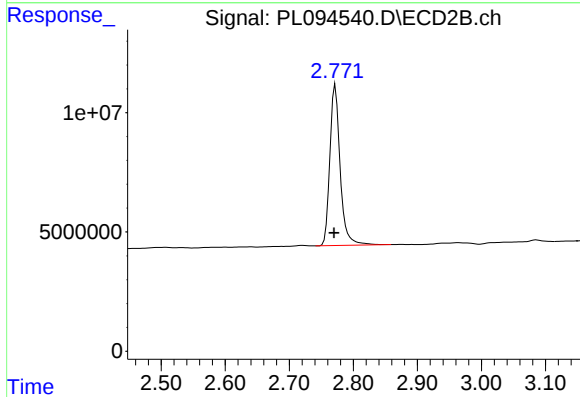
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 60958494
Conc: 24.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

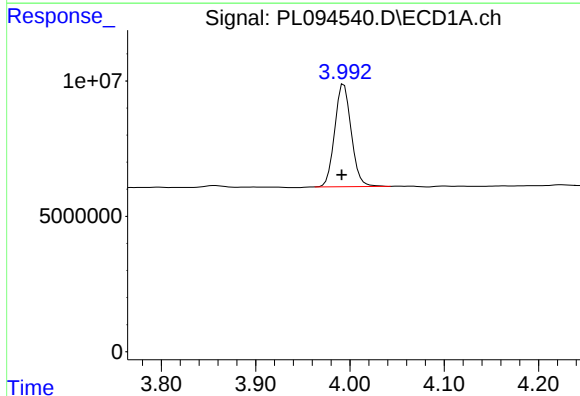
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



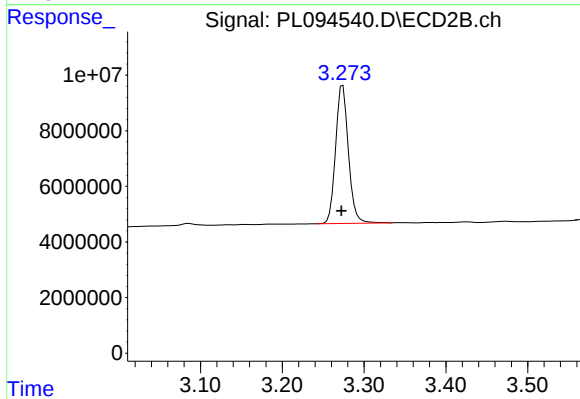
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 75365243
Conc: 23.62 ng/ml



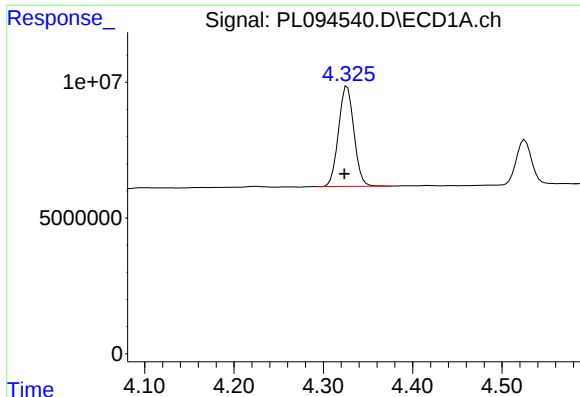
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 46147037
Conc: 12.20 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 54103711
Conc: 11.01 ng/ml



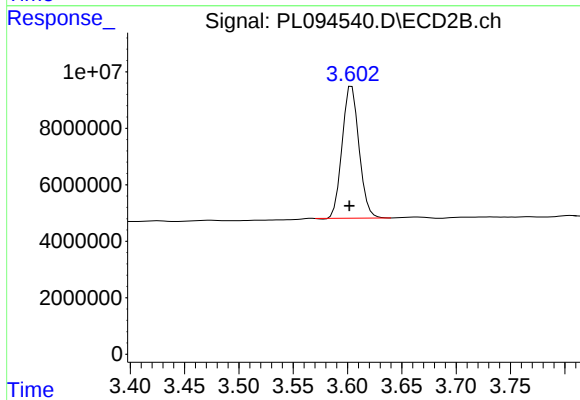
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.003 min
Response: 44343596
Conc: 12.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

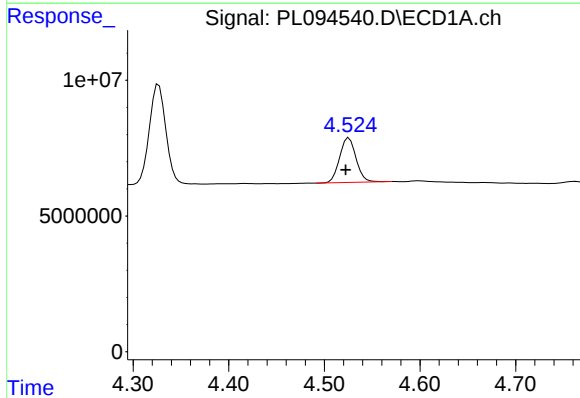
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



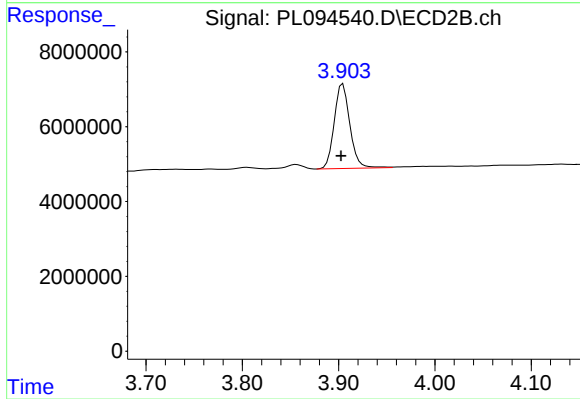
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 50618826
Conc: 10.75 ng/ml



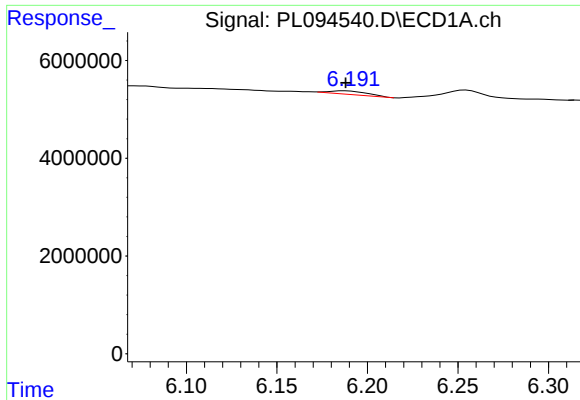
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.003 min
Response: 19657224
Conc: 12.31 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 25592807
Conc: 12.87 ng/ml



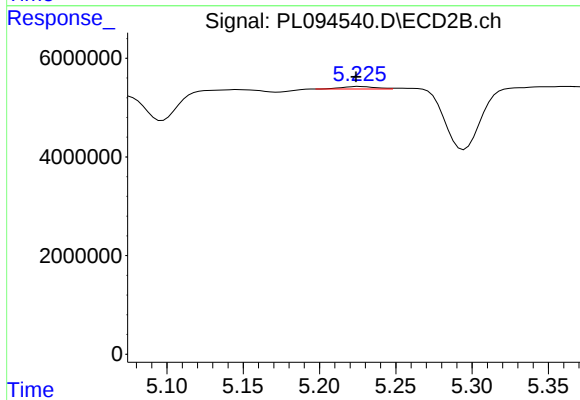
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 947953
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

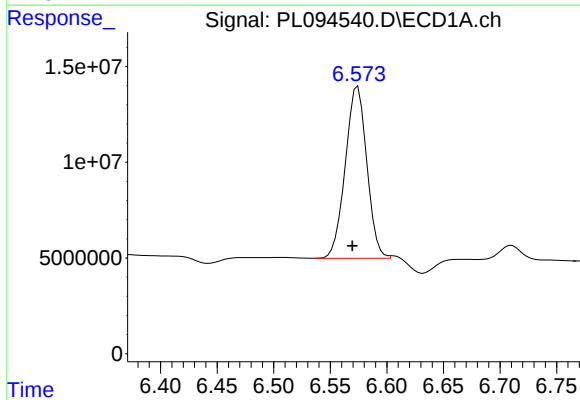
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



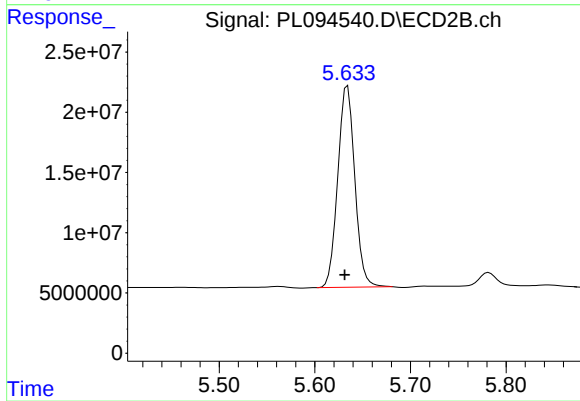
#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 857806
Conc: 0.20 ng/ml m



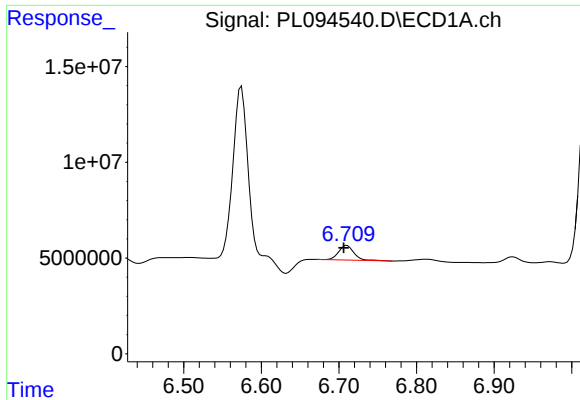
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.003 min
Response: 118894067
Conc: 46.58 ng/ml m



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.003 min
Response: 207212050
Conc: 60.86 ng/ml



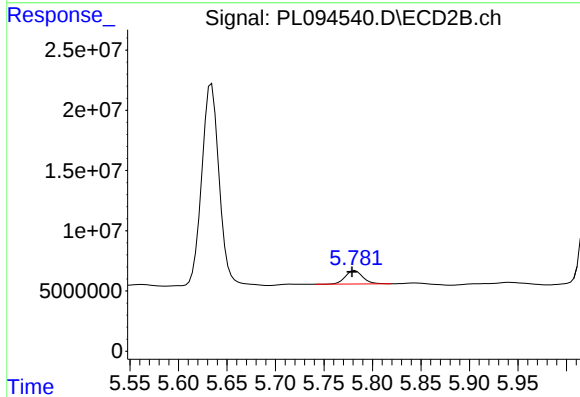
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.004 min
Response: 10513477
Conc: 5.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

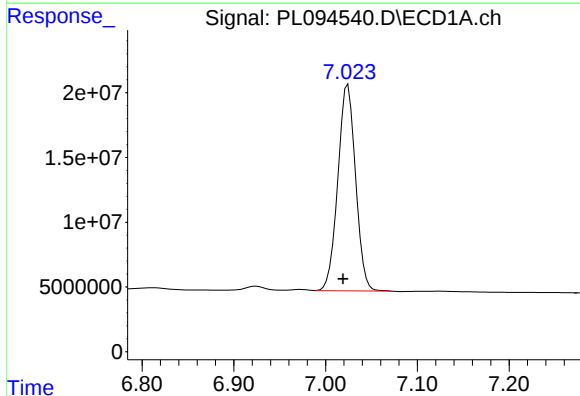
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



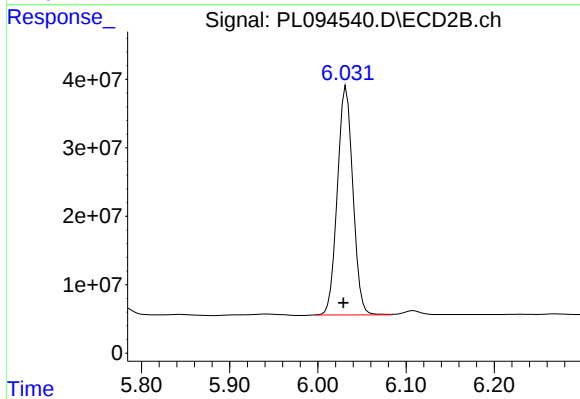
#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 14082976
Conc: 4.42 ng/ml



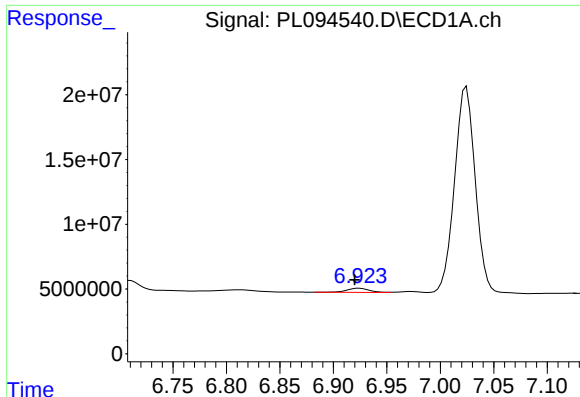
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.005 min
Response: 213760913
Conc: 101.79 ng/ml



#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 407871469
Conc: 114.67 ng/ml



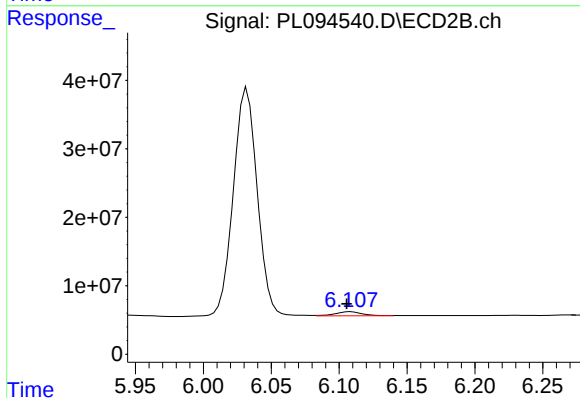
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.004 min
Response: 4575272
Conc: 2.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

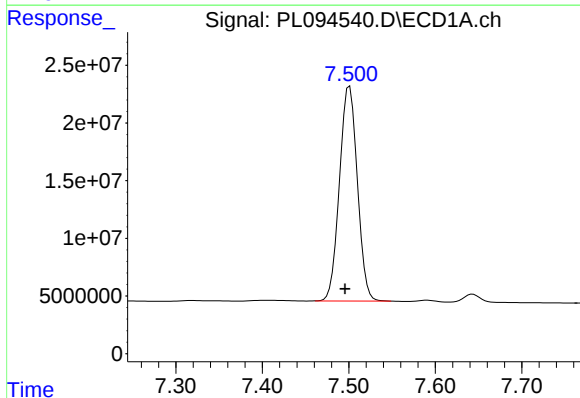
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



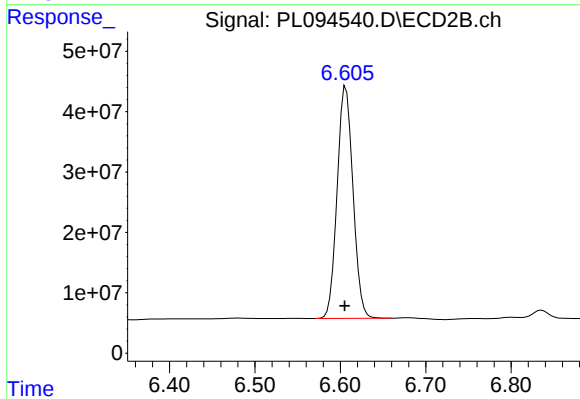
#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 8024781
Conc: 2.54 ng/ml



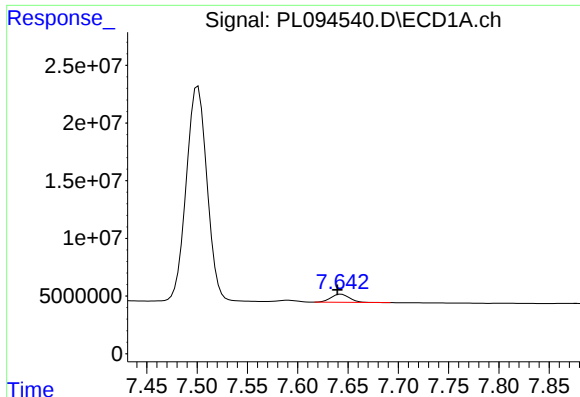
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.005 min
Response: 266092891
Conc: 239.50 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.002 min
Response: 496079217
Conc: 254.27 ng/ml



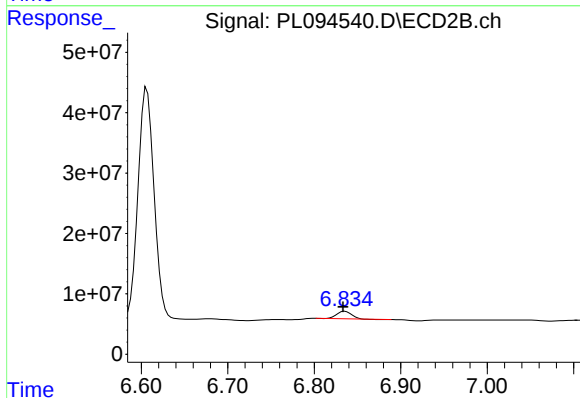
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.004 min
Response: 9048771
Conc: 3.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

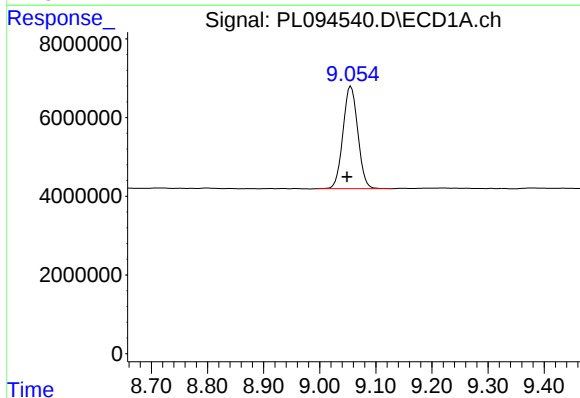
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



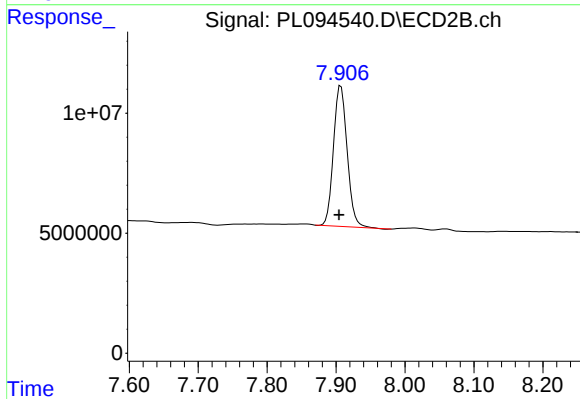
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 14114100
Conc: 3.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.007 min
Response: 47729030
Conc: 22.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 80661760
Conc: 20.97 ng/ml