

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073025\
 Data File : PL096637.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2025 10:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/31/2025
 Supervised By : mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 07:56:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.535	2.827	74985437	114.4E6	23.575	23.941
28)	SA Decachlor...	9.016	7.992	57519821	110.3E6	24.121	25.427
Target Compounds							
2)	A alpha-BHC	3.982	3.333	52297024	82873820	11.304	11.710
3)	MA gamma-BHC...	4.310	3.665	51178879	78940198	11.570	11.955
6)	B beta-BHC	4.497	3.961	21581099	35868398	11.956	12.715
14)	MA Endrin	6.541	5.710	183.4E6	345.6E6	60.607m	63.927
16)	A 4,4'-DDD	6.674	5.857	6008662	8057911	2.376m	1.713 #
17)	MA 4,4'-DDT	6.990	6.109	339.4E6	614.7E6	118.360	121.519
18)	B Endrin al...	6.886	6.179	2512902	14812135	1.171m	0.742 #
20)	A Methoxychlor	7.462	6.681	418.1E6	766.9E6	284.736	279.828
21)	B Endrin ke...	7.598	6.901	5132635	24584636	1.707	4.414m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073025\
Data File : PL096637.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2025 10:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

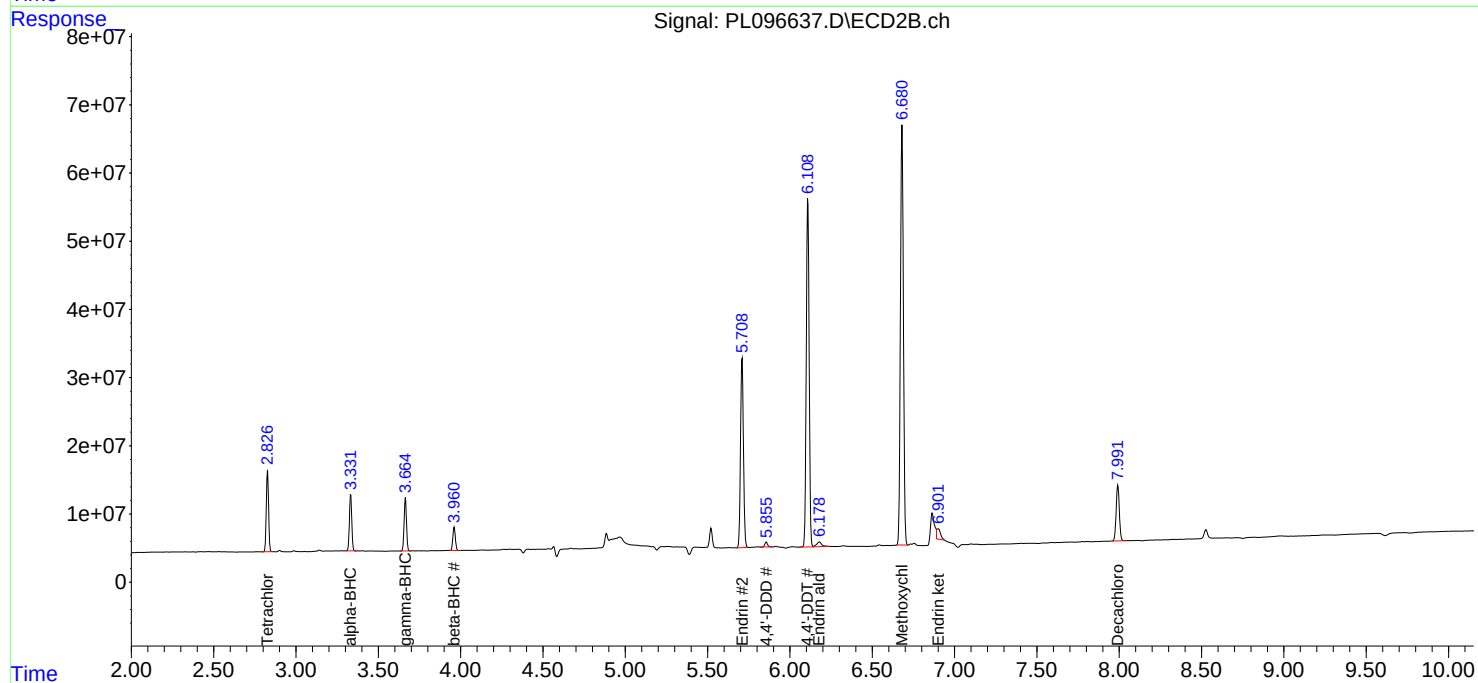
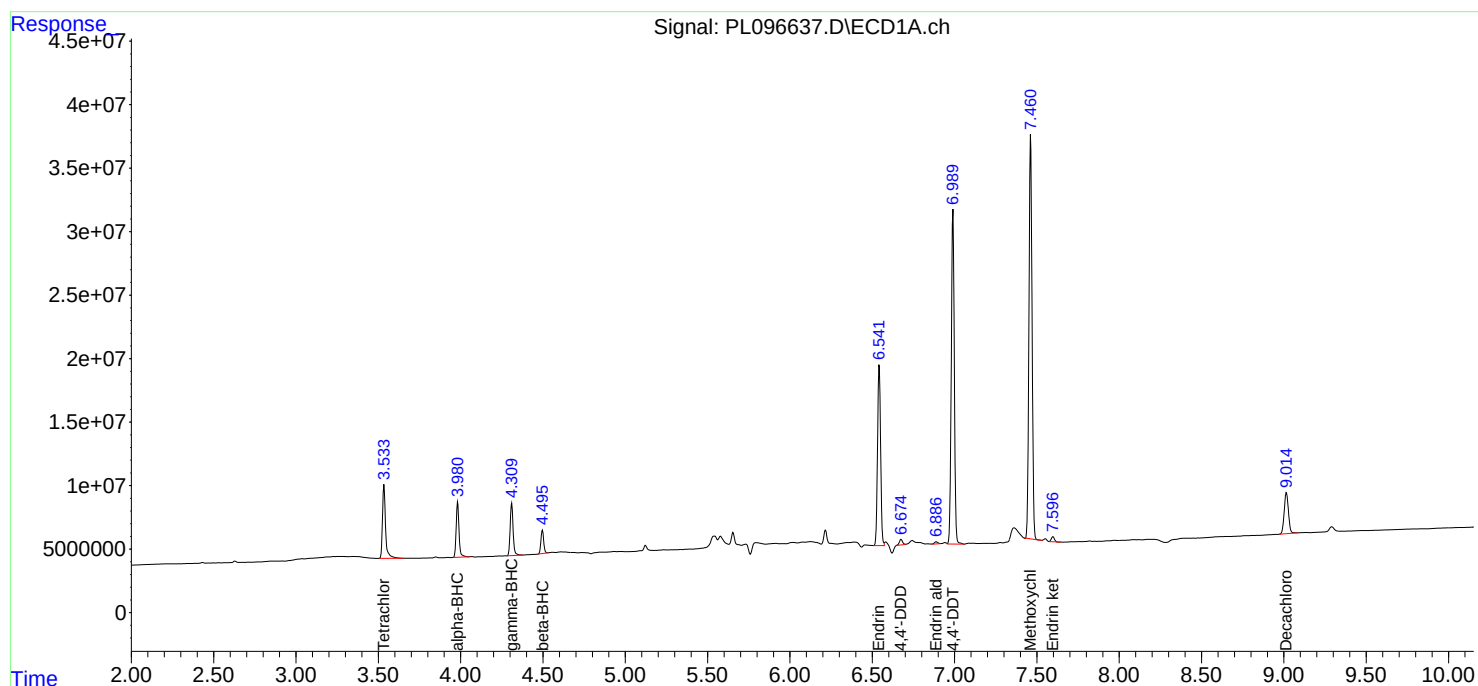
Instrument :
ECD_L
ClientSampleId :
PEM

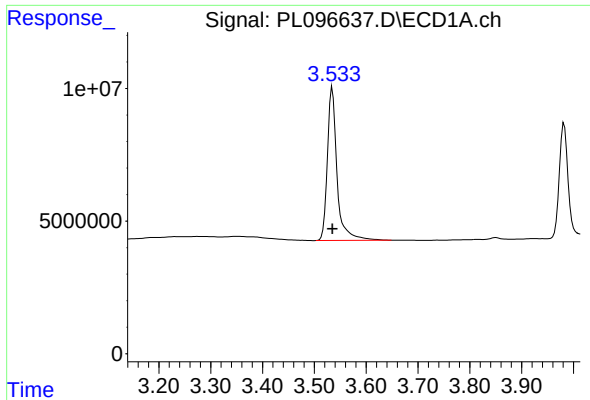
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 07/31/2025
Supervised By : mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 07:56:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





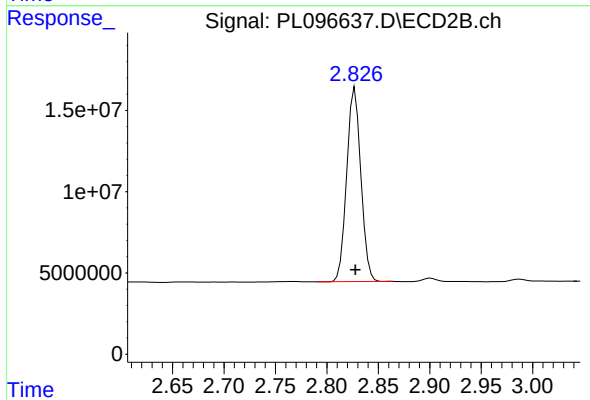
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 74985437
Conc: 23.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

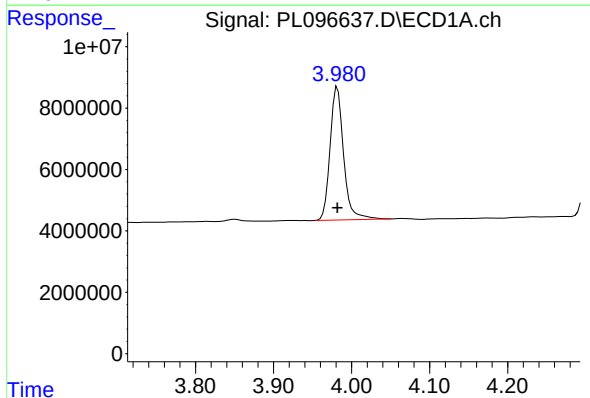
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/31/2025
Supervised By :mohammad ahmed 08/01/2025



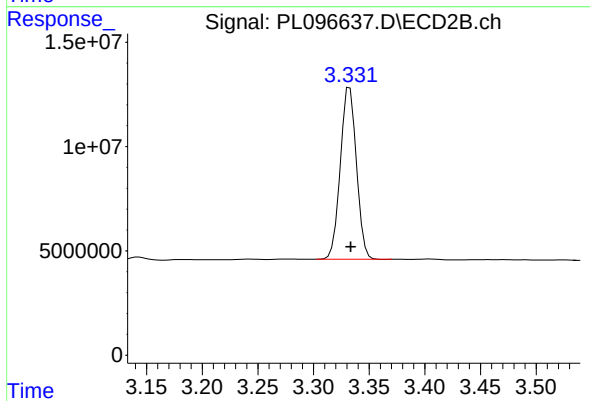
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: 0.000 min
Response: 114384409
Conc: 23.94 ng/ml



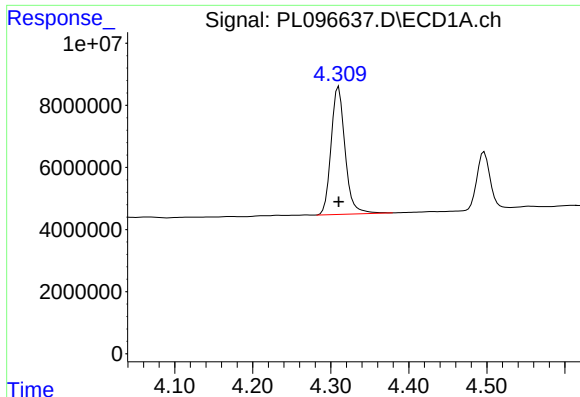
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 52297024
Conc: 11.30 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 82873820
Conc: 11.71 ng/ml



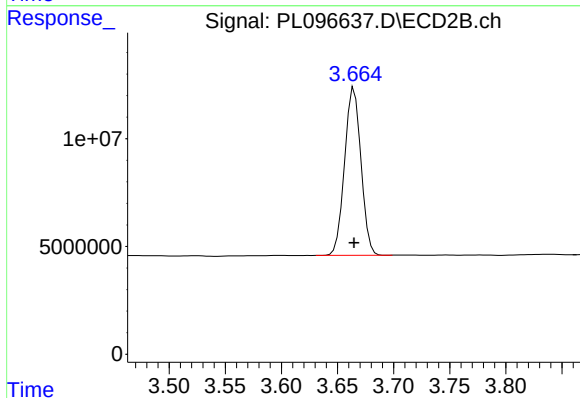
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 51178879
Conc: 11.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

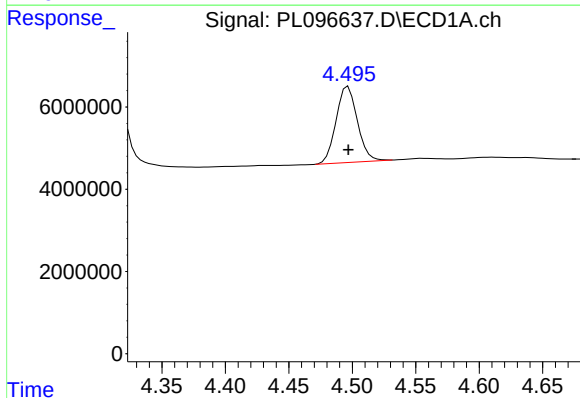
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/31/2025
Supervised By :mohammad ahmed 08/01/2025



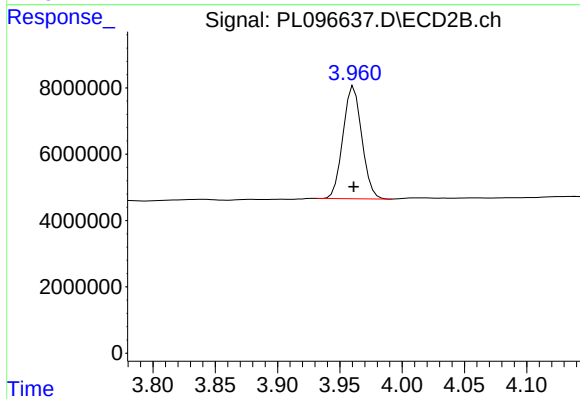
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: 0.000 min
Response: 78940198
Conc: 11.95 ng/ml



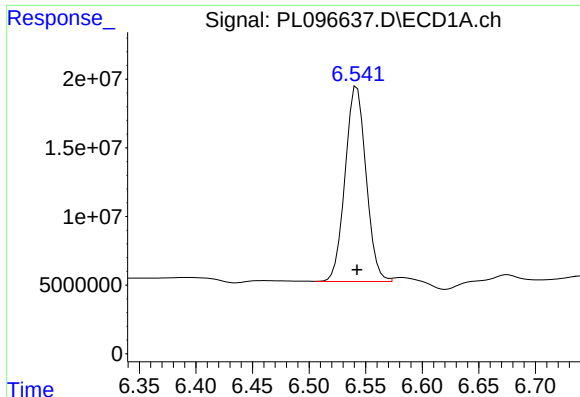
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 21581099
Conc: 11.96 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 35868398
Conc: 12.72 ng/ml



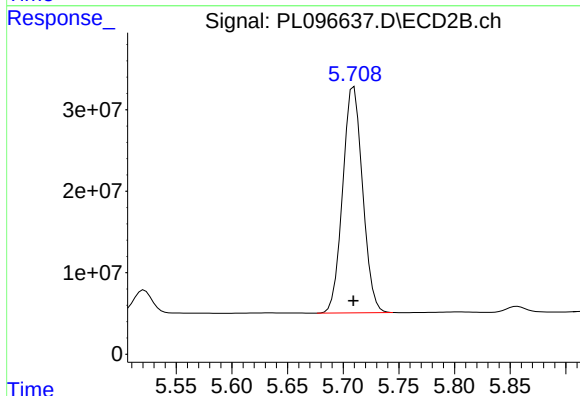
#14 Endrin

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 183443175
Conc: 60.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

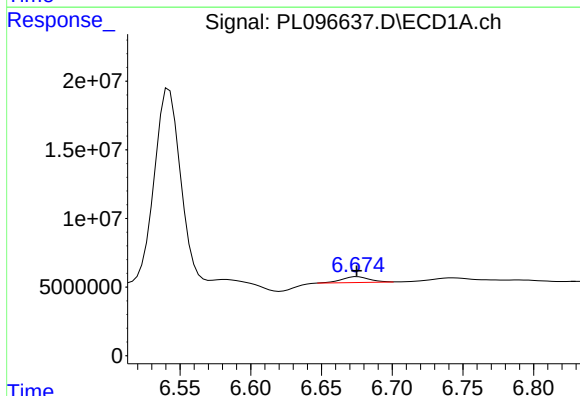
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/31/2025
Supervised By :mohammad ahmed 08/01/2025



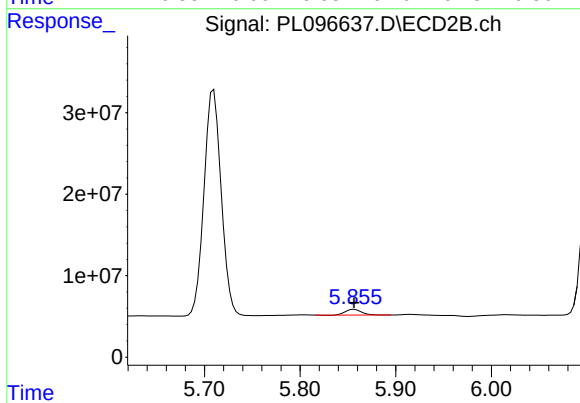
#14 Endrin

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 345589263
Conc: 63.93 ng/ml



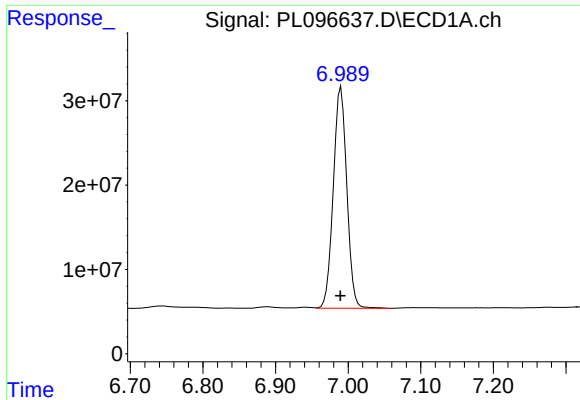
#16 4,4'-DDD

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 6008662
Conc: 2.38 ng/ml m



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 8057911
Conc: 1.71 ng/ml



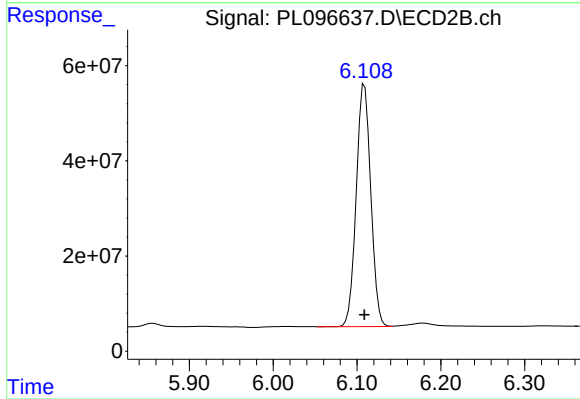
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: 0.001 min
Response: 339420328
Conc: 118.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

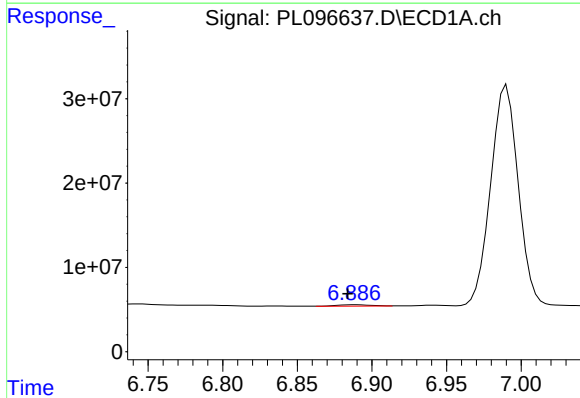
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/31/2025
Supervised By :mohammad ahmed 08/01/2025



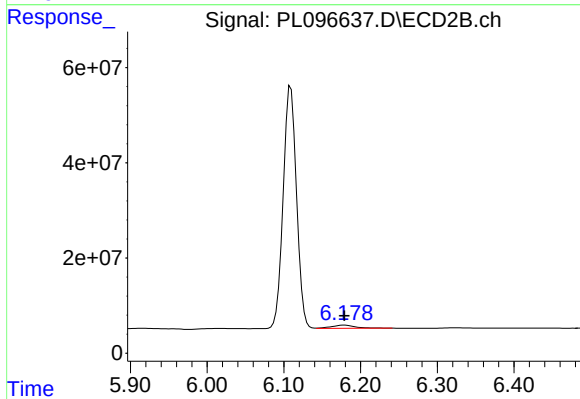
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 614680101
Conc: 121.52 ng/ml



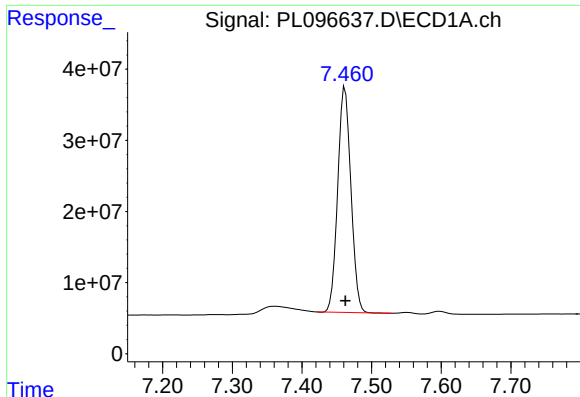
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.002 min
Response: 2512902
Conc: 1.17 ng/ml m



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 14812135
Conc: 0.74 ng/ml



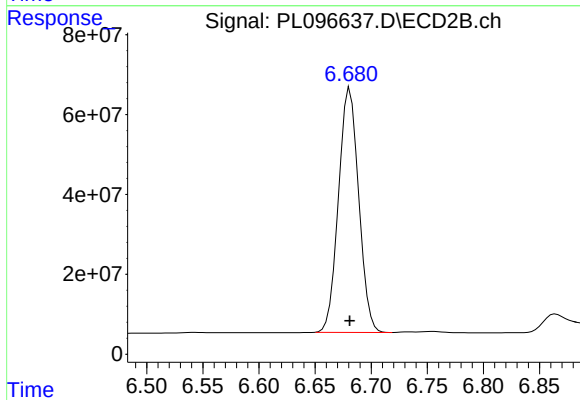
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 418093032
Conc: 284.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

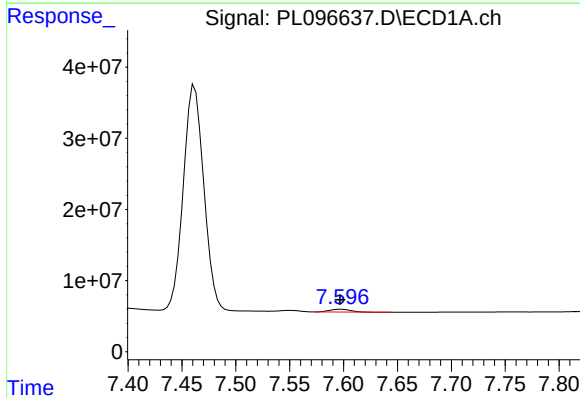
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/31/2025
Supervised By :mohammad ahmed 08/01/2025



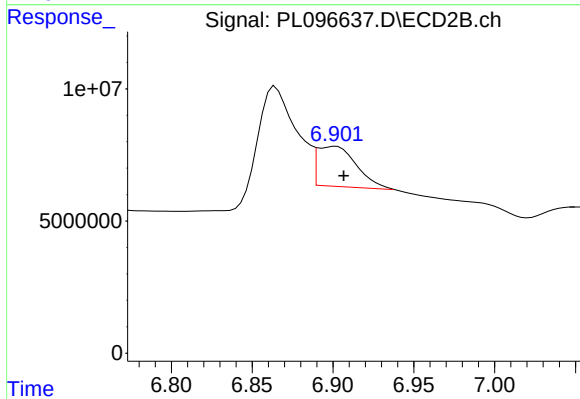
#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 766868286
Conc: 279.83 ng/ml



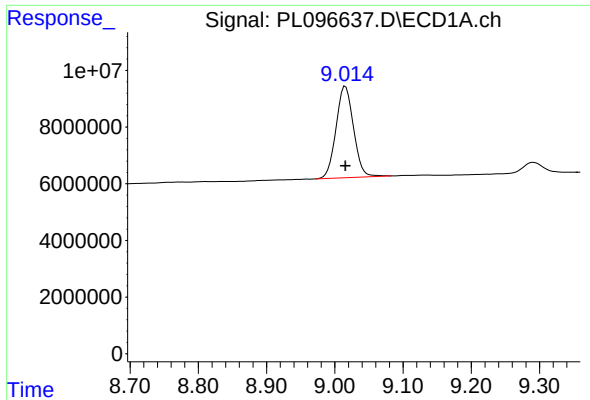
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 5132635
Conc: 1.71 ng/ml



#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: -0.006 min
Response: 24584636
Conc: 4.41 ng/ml m



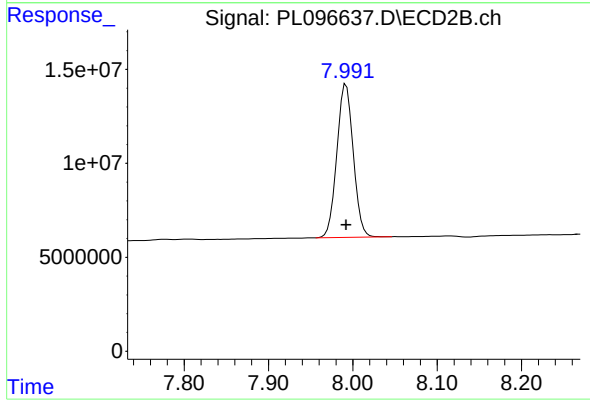
#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: 0.000 min
Response: 57519821
Conc: 24.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/31/2025
Supervised By :mohammad ahmed 08/01/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 110311109
Conc: 25.43 ng/ml