

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052925\
 Data File : PL095821.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2025 09:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/30/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 00:52:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.572	2.885	73946886	87596116	23.436	22.381
28)	SA Decachlor...	9.100	8.060	53690373	102.9E6	22.786	23.525
Target Compounds							
2)	A alpha-BHC	4.024	3.394	52163982	63326603	10.760	10.811
3)	MA gamma-BHC...	4.355	3.728	48719786	61465968	10.895	10.974
6)	B beta-BHC	4.543	4.024	21816867	27529607	11.067	11.112
14)	MA Endrin	6.601	5.780	170.5E6	274.4E6	52.837	56.269
16)	A 4,4'-DDD	6.733	5.924	11584106	14182402	3.953	3.234
17)	MA 4,4'-DDT	7.048	6.177	268.5E6	537.6E6	99.251	112.404
18)	B Endrin al...	6.943	6.250	802153	3122311	0.332m	0.904m#
20)	A Methoxychlor	7.522	6.747	314.9E6	616.6E6	246.955	235.702
21)	B Endrin ke...	7.658	6.975	4722441	8791750	1.491	1.699m

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

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Data File : PL095821.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 May 2025 09:02
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

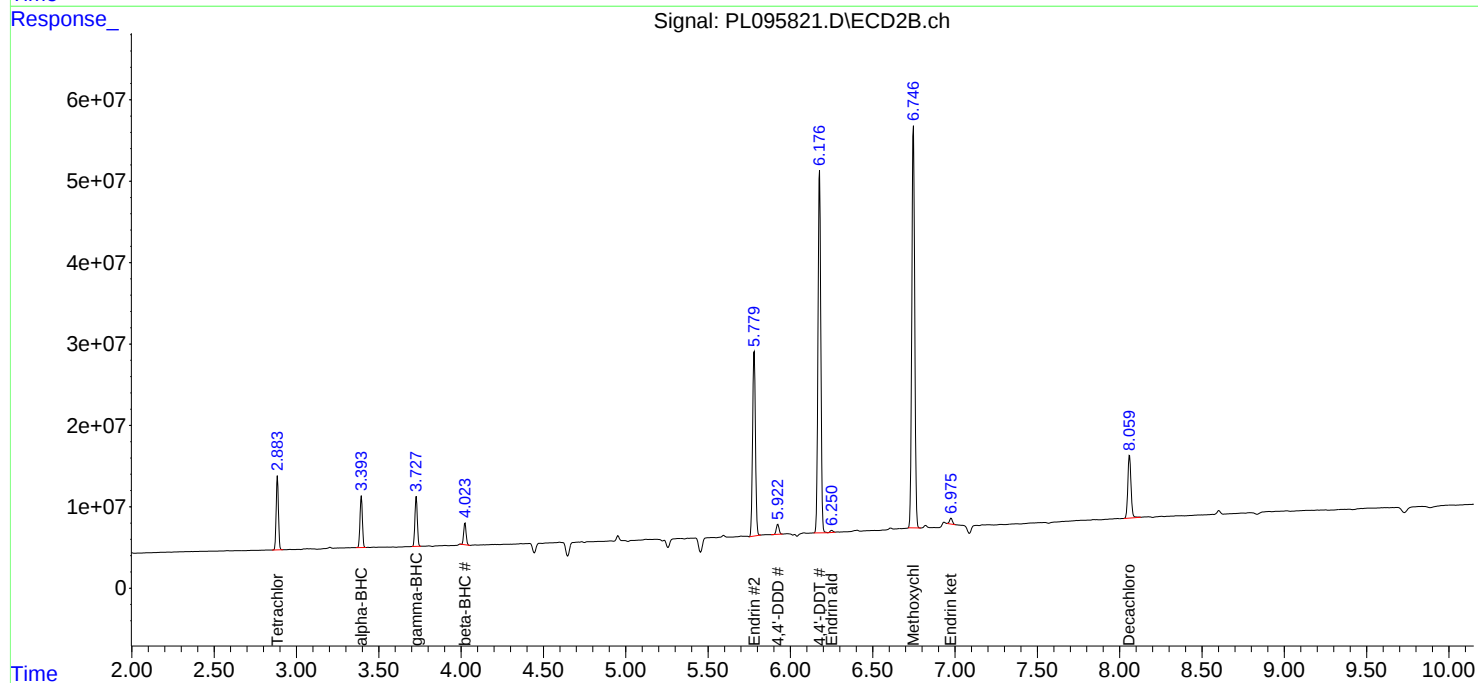
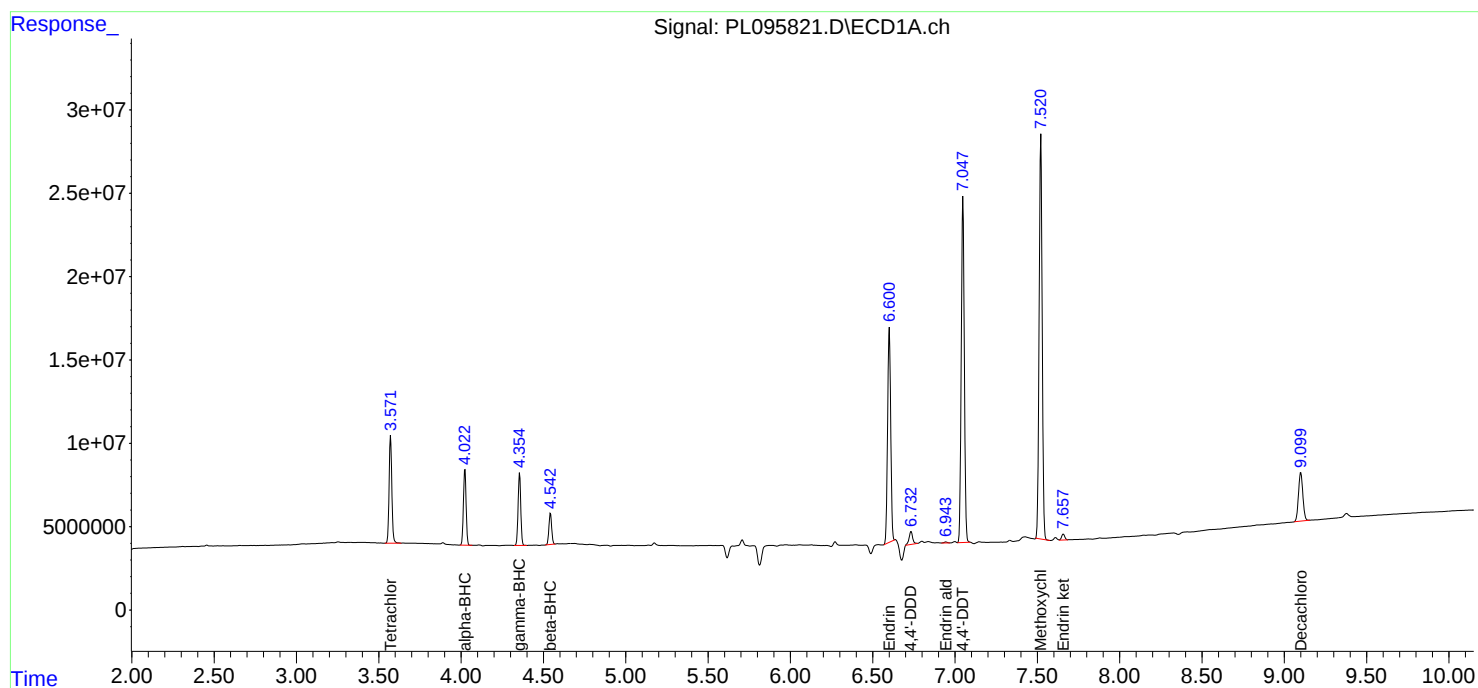
Instrument :
ECD_L
ClientSampleId :
PEM

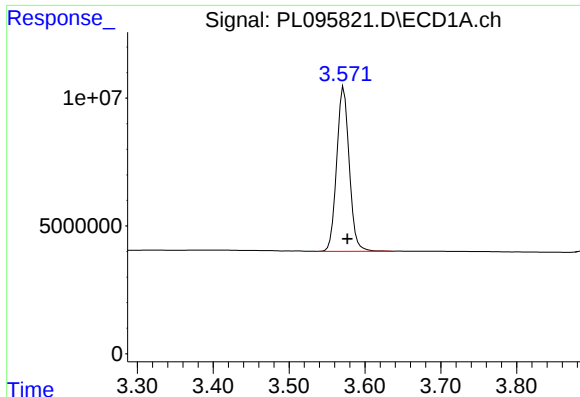
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 00:52:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 2025
Response 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





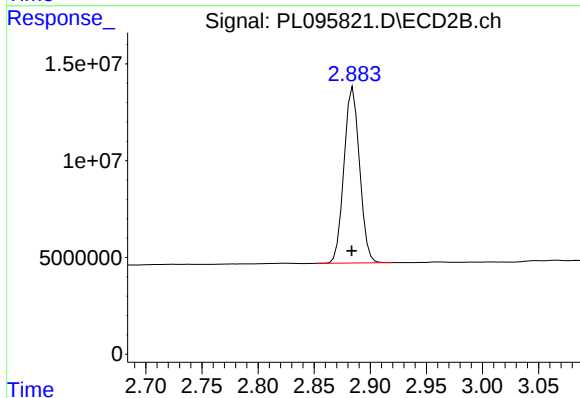
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 73946886
Conc: 23.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

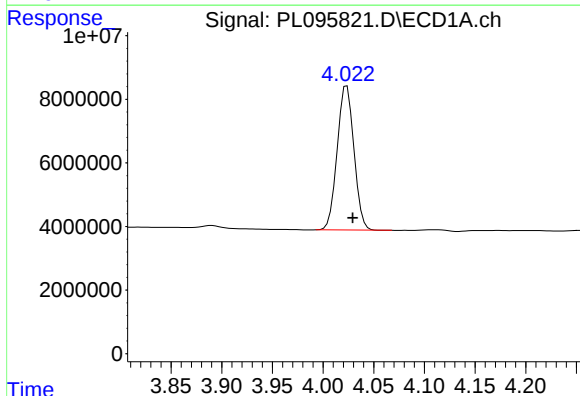
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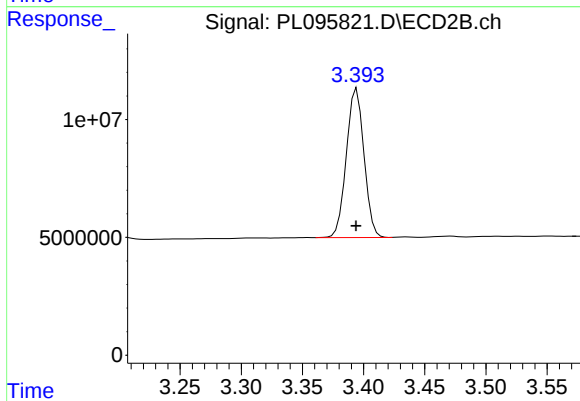
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.001 min
Response: 87596116
Conc: 22.38 ng/ml



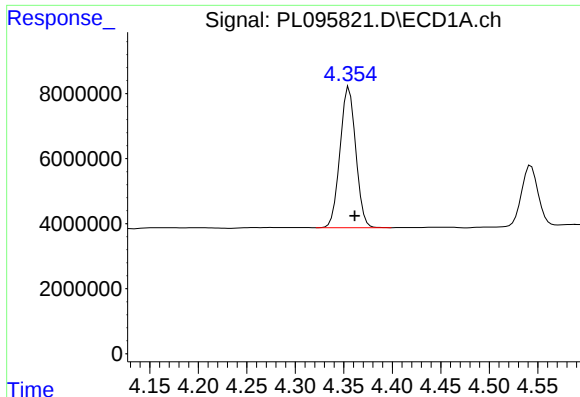
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.006 min
Response: 52163982
Conc: 10.76 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 63326603
Conc: 10.81 ng/ml



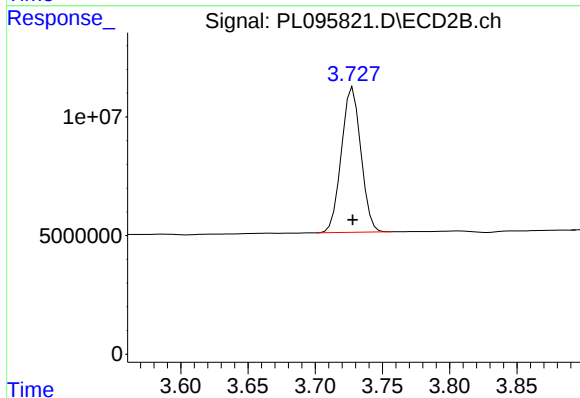
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 48719786
Conc: 10.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

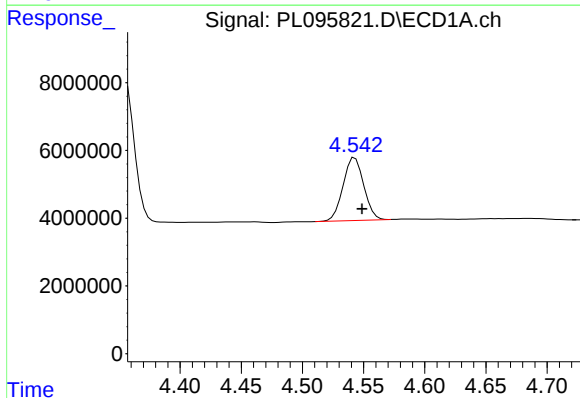
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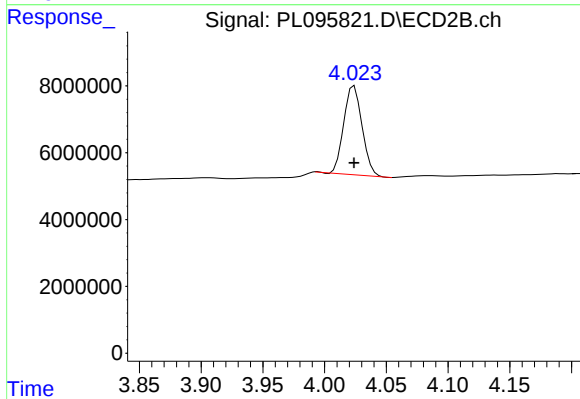
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 61465968
Conc: 10.97 ng/ml



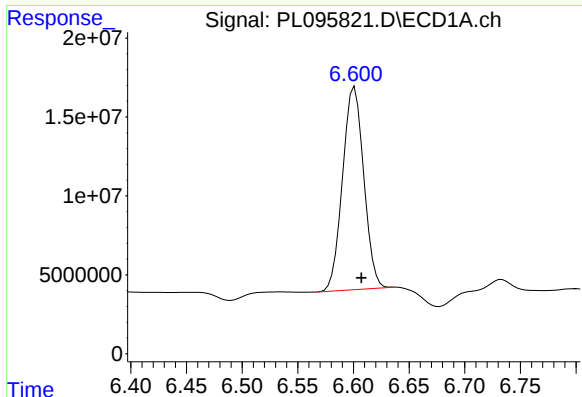
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 21816867
Conc: 11.07 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 27529607
Conc: 11.11 ng/ml



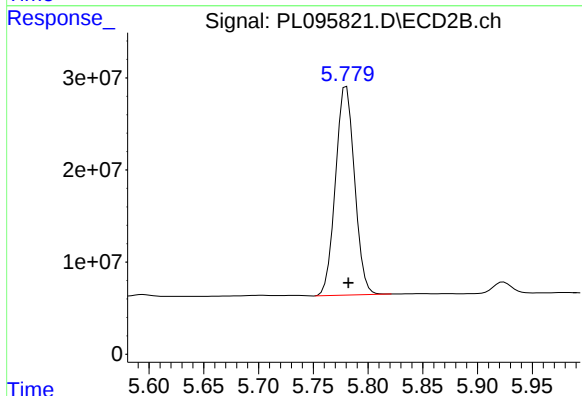
#14 Endrin

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 170493581
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

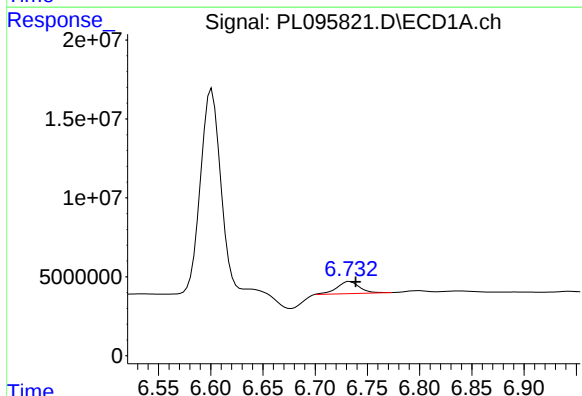
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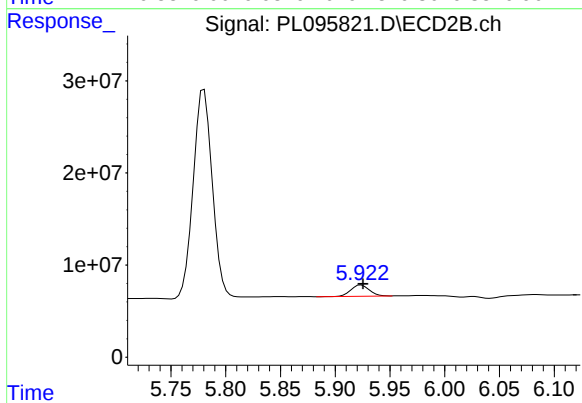
#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 274373532
Conc: 56.27 ng/ml



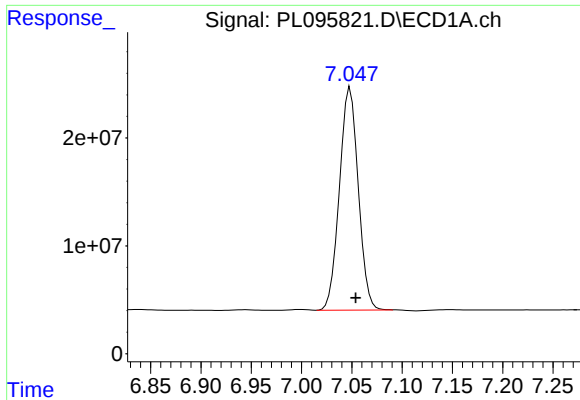
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 11584106
Conc: 3.95 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 14182402
Conc: 3.23 ng/ml



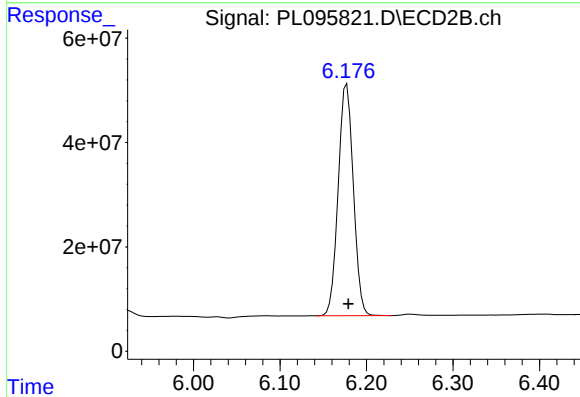
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 268488524
Conc: 99.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

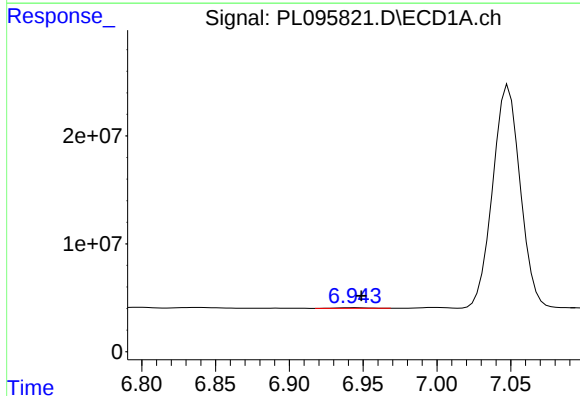
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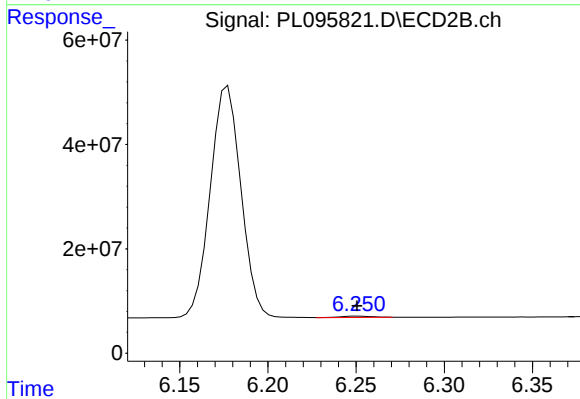
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 537584029
Conc: 112.40 ng/ml



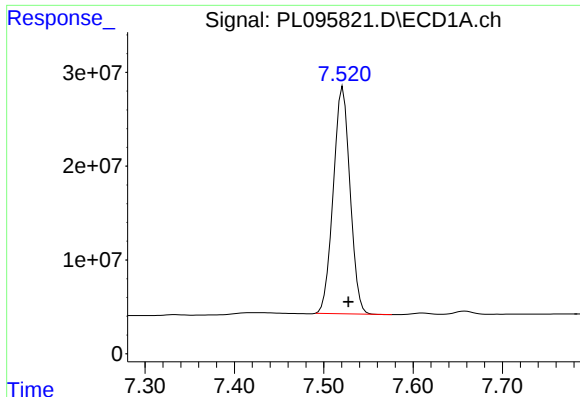
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: -0.006 min
Response: 802153
Conc: 0.33 ng/ml m



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 3122311
Conc: 0.90 ng/ml m



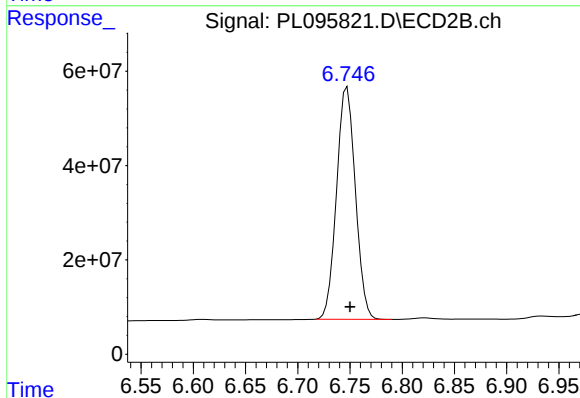
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: -0.006 min
Response: 314947787
Conc: 246.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

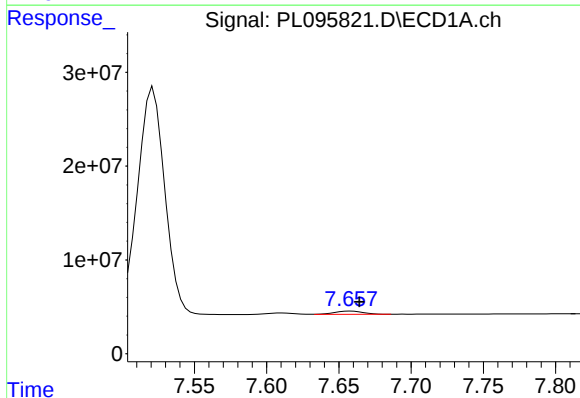
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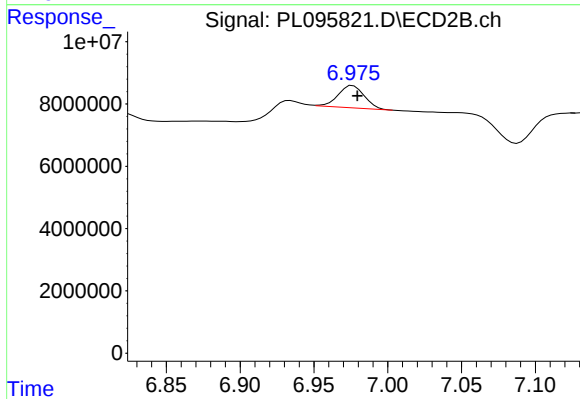
#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 616622189
Conc: 235.70 ng/ml



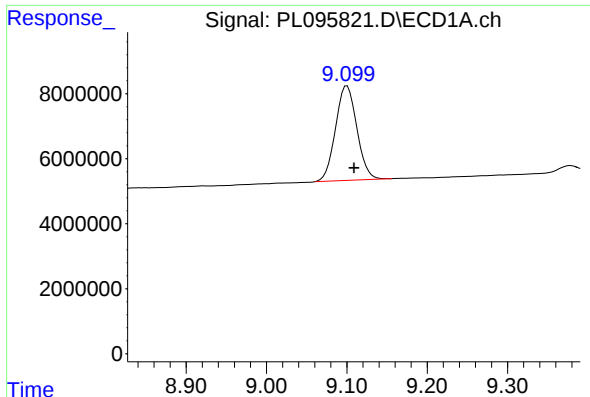
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.006 min
Response: 4722441
Conc: 1.49 ng/ml



#21 Endrin ketone

R.T.: 6.975 min
Delta R.T.: -0.005 min
Response: 8791750
Conc: 1.70 ng/ml m



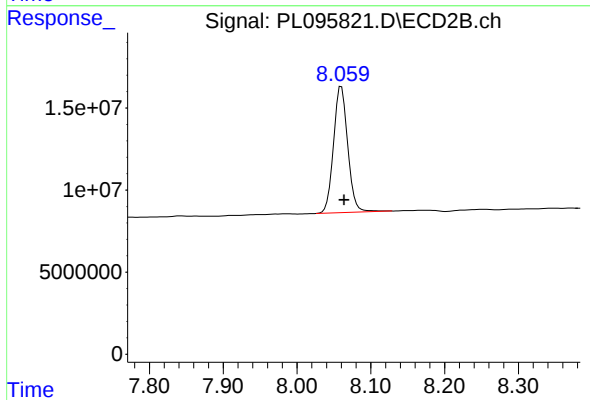
#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: -0.009 min
Response: 53690373
Conc: 22.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 102908980
Conc: 23.52 ng/ml