

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030625\
 Data File : PL094524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 09:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/07/2025
 Supervised By :mohammad ahmed 03/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 16:28:41 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...	3.539	2.773	63872424	78154678	25.156	24.491
28) SA Decachlor...	9.062	7.911	49410376	86126686	23.227	22.396
Target Compounds						
2) A alpha-BHC	3.996	3.275	49085214	56616071	12.976	11.520
3) MA gamma-BHC...	4.329	3.605	47217513	53091080	12.780	11.272
6) B beta-BHC	4.527	3.906	21320732	26057458	13.351	13.101
14) MA Endrin	6.576	5.635	127.7E6	217.9E6	50.032m	63.992 #
16) A 4,4'-DDD	6.712	5.784	6091980	8318100	3.293m	2.611
17) MA 4,4'-DDT	7.028	6.033	235.7E6	450.0E6	112.241	126.509
18) B Endrin al...	6.928	6.109	4436276	7956420	2.279	2.518
20) A Methoxychlor	7.505	6.609	287.9E6	538.8E6	259.170	276.156
21) B Endrin ke...	7.647	6.838	8125778	14638715	3.241	3.430

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

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Data File : PL094524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 09:14
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

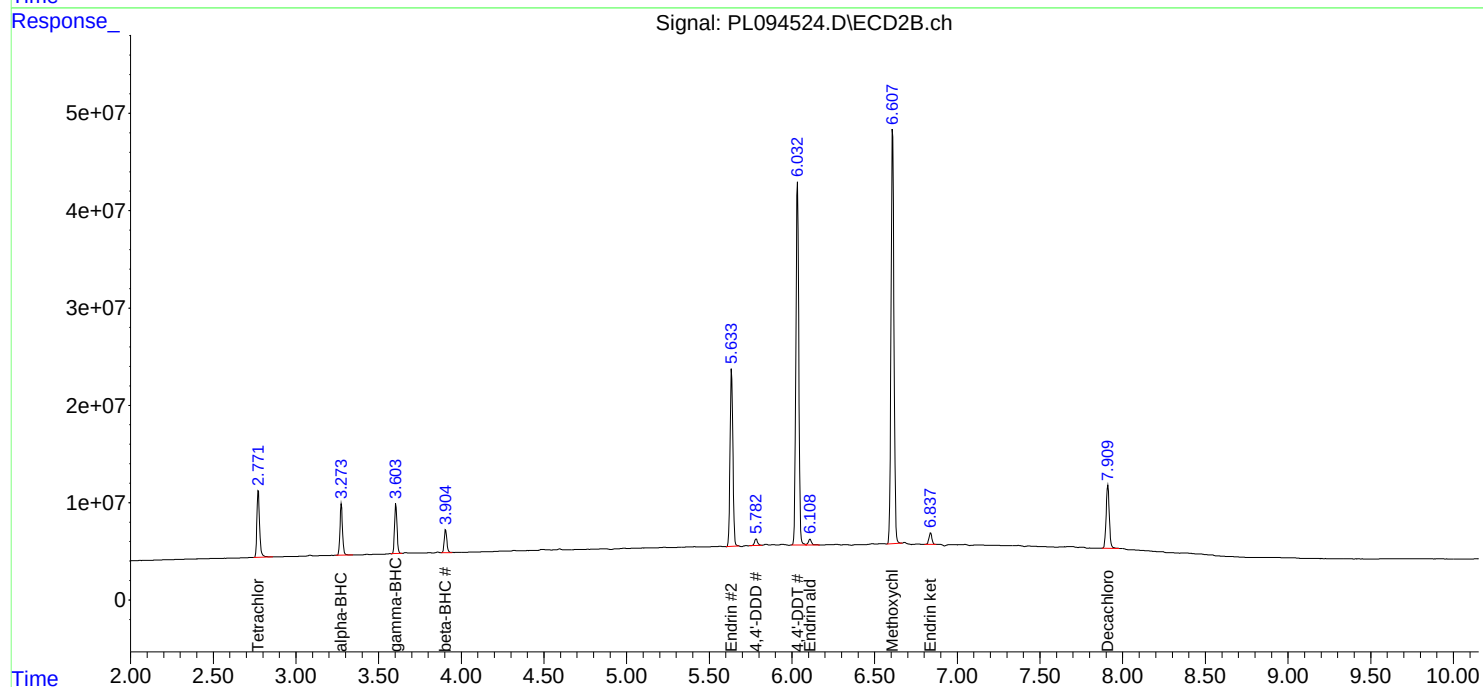
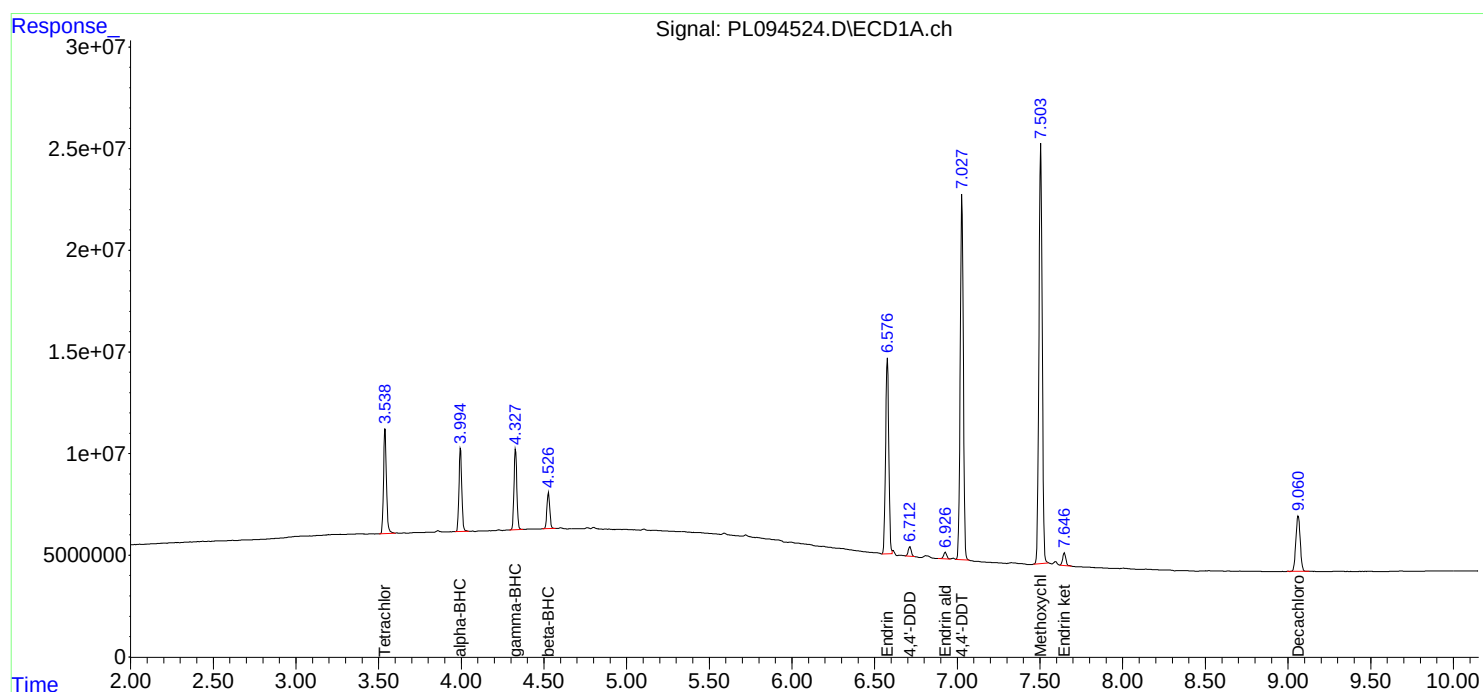
Instrument :
ECD_L
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PEM

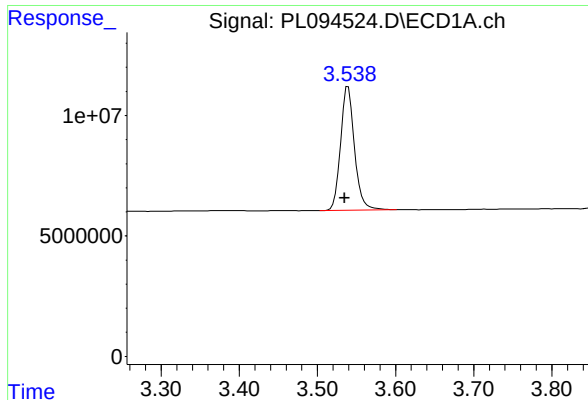
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 16:28:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 2025
Response 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





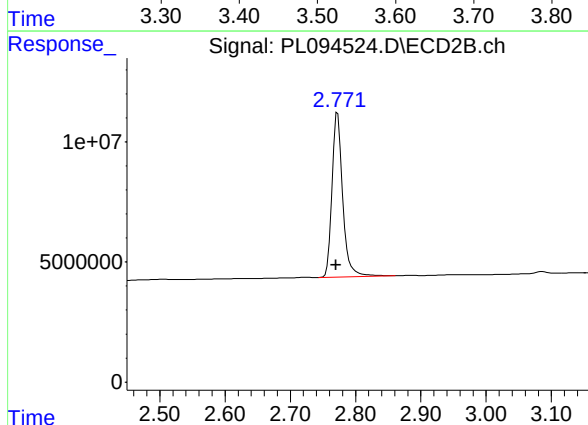
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.004 min
Response: 63872424
Conc: 25.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

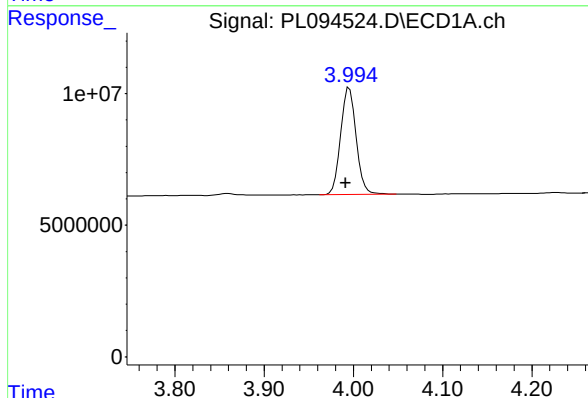
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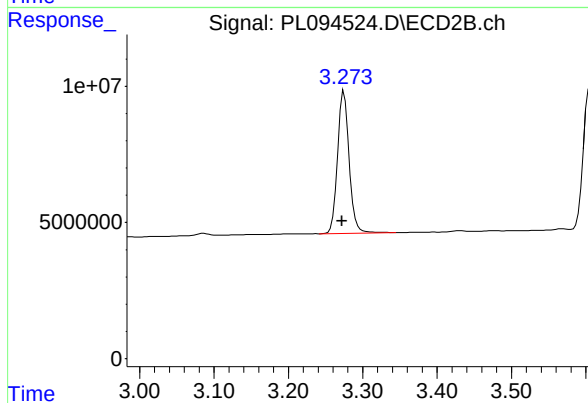
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.002 min
Response: 78154678
Conc: 24.49 ng/ml



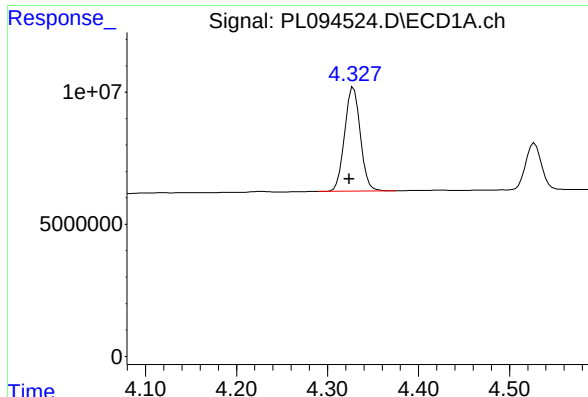
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.004 min
Response: 49085214
Conc: 12.98 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.002 min
Response: 56616071
Conc: 11.52 ng/ml



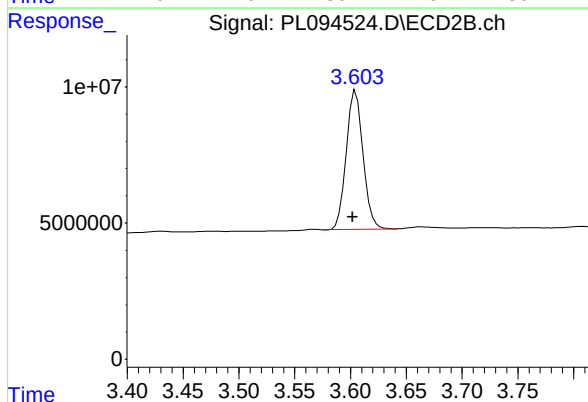
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.005 min
Response: 47217513
Conc: 12.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

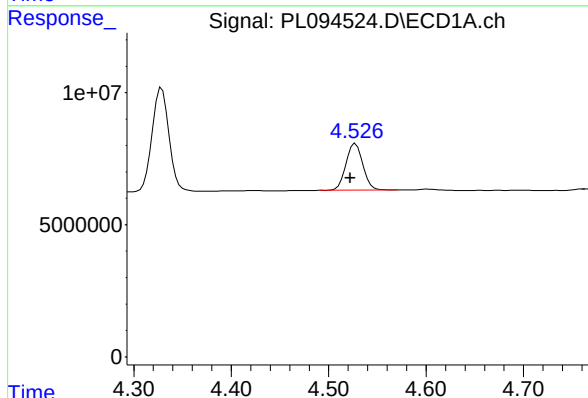
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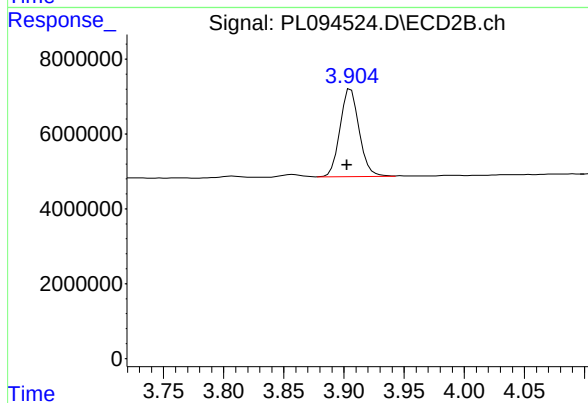
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.003 min
Response: 53091080
Conc: 11.27 ng/ml



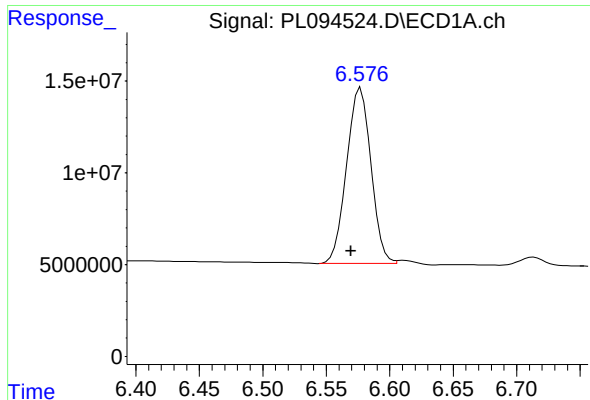
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.005 min
Response: 21320732
Conc: 13.35 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.003 min
Response: 26057458
Conc: 13.10 ng/ml



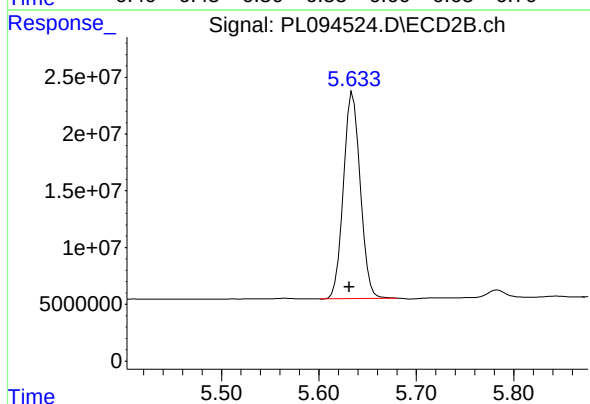
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.006 min
Response: 127696038
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

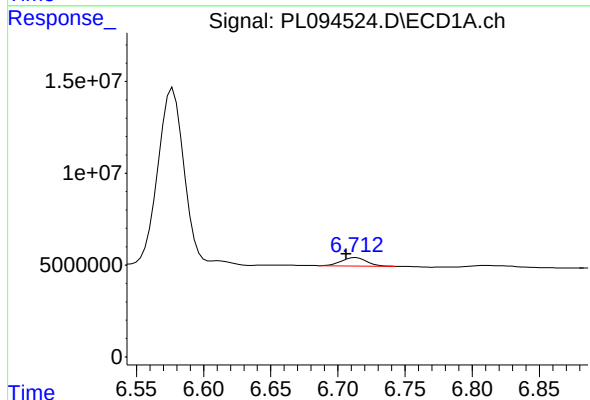
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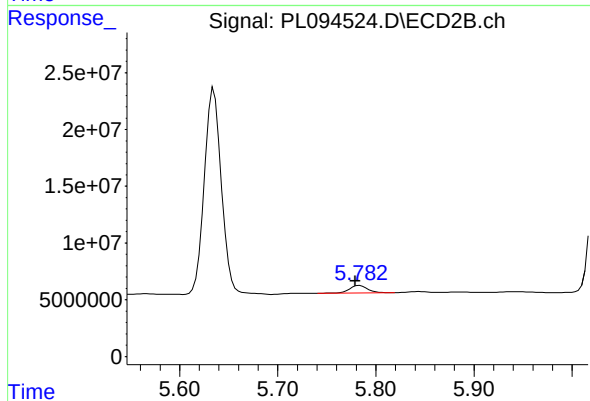
#14 Endrin

R.T.: 5.635 min
Delta R.T.: 0.004 min
Response: 217874320
Conc: 63.99 ng/ml



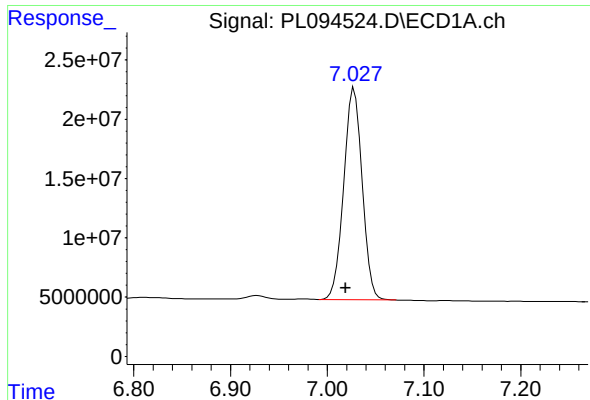
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.006 min
Response: 6091980
Conc: 3.29 ng/ml m



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.005 min
Response: 8318100
Conc: 2.61 ng/ml



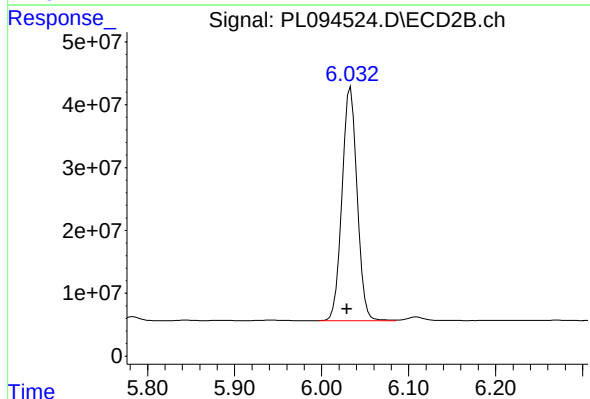
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.009 min
Response: 235710054
Conc: 112.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

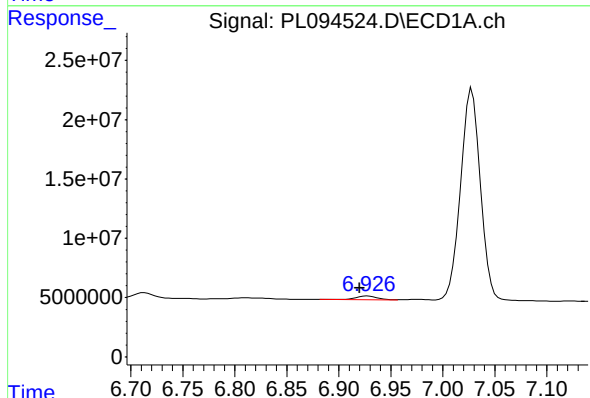
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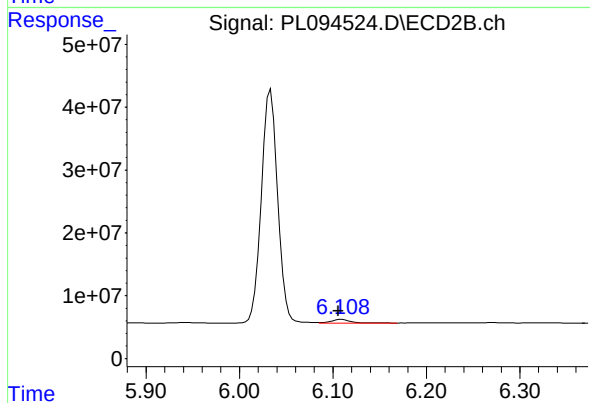
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.004 min
Response: 449994751
Conc: 126.51 ng/ml



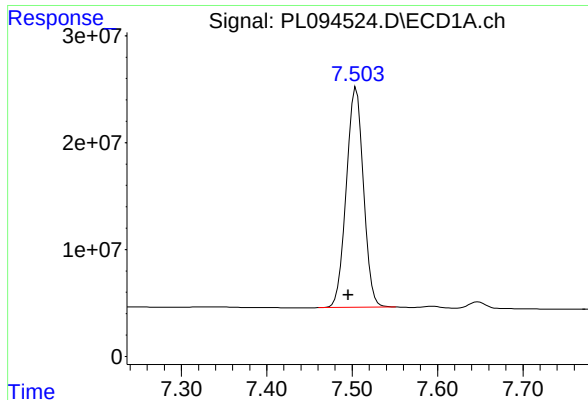
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.008 min
Response: 4436276
Conc: 2.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.004 min
Response: 7956420
Conc: 2.52 ng/ml



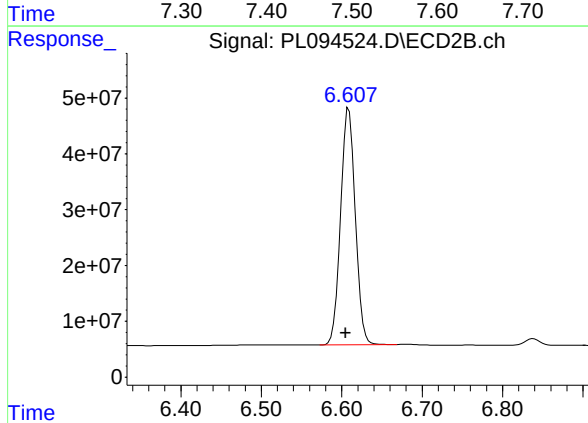
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.009 min
Response: 287949284
Conc: 259.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

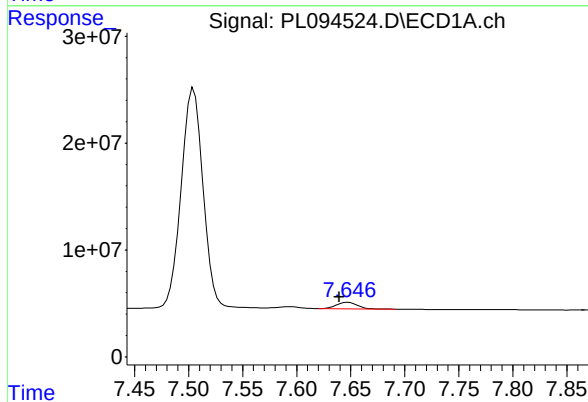
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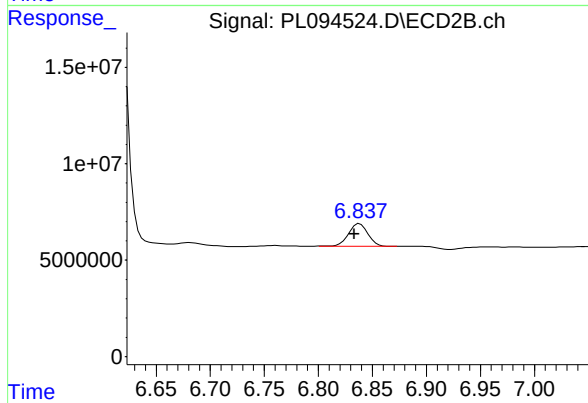
#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.004 min
Response: 538787831
Conc: 276.16 ng/ml



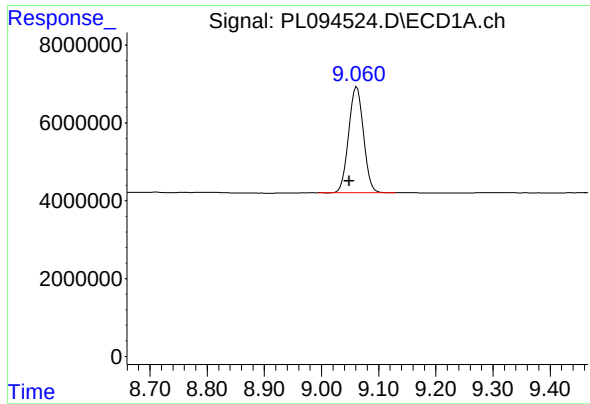
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.008 min
Response: 8125778
Conc: 3.24 ng/ml



#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.005 min
Response: 14638715
Conc: 3.43 ng/ml



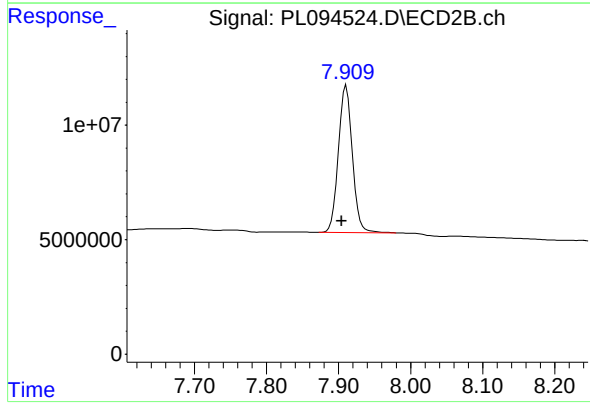
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.013 min
Response: 49410376
Conc: 23.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.006 min
Response: 86126686
Conc: 22.40 ng/ml