

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060625\
 Data File : PL095968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 16:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/09/2025
 Supervised By : mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 22:42:49 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	2.883	64544015	79160299	20.456	20.225
28) SA Decachlor...	9.112	8.066	54894405	82202895	23.297	18.792
Target Compounds						
2) A alpha-BHC	4.023	3.393	48148861	57155523	9.932	9.758
3) MA gamma-BHC...	4.355	3.726	46511181	57000421	10.401	10.176
6) B beta-BHC	4.542	4.022	21243799	26722317	10.776	10.786
14) MA Endrin	6.600	5.781	168.9E6	256.8E6	52.330	52.665
16) A 4,4'-DDD	6.732	5.924	2514503	2967963	0.858m	0.677m
17) MA 4,4'-DDT	7.050	6.179	287.5E6	519.9E6	106.282	108.715
18) B Endrin al...	6.938	6.253	392857	2337788	0.162m	0.677m#
20) A Methoxychlor	7.524	6.752	351.5E6	591.2E6	275.598	226.002
21) B Endrin ke...	7.658	6.978	1767214	2755744	0.558m	0.533m

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

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Data File : PL095968.D
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Acq On : 06 Jun 2025 16:45
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

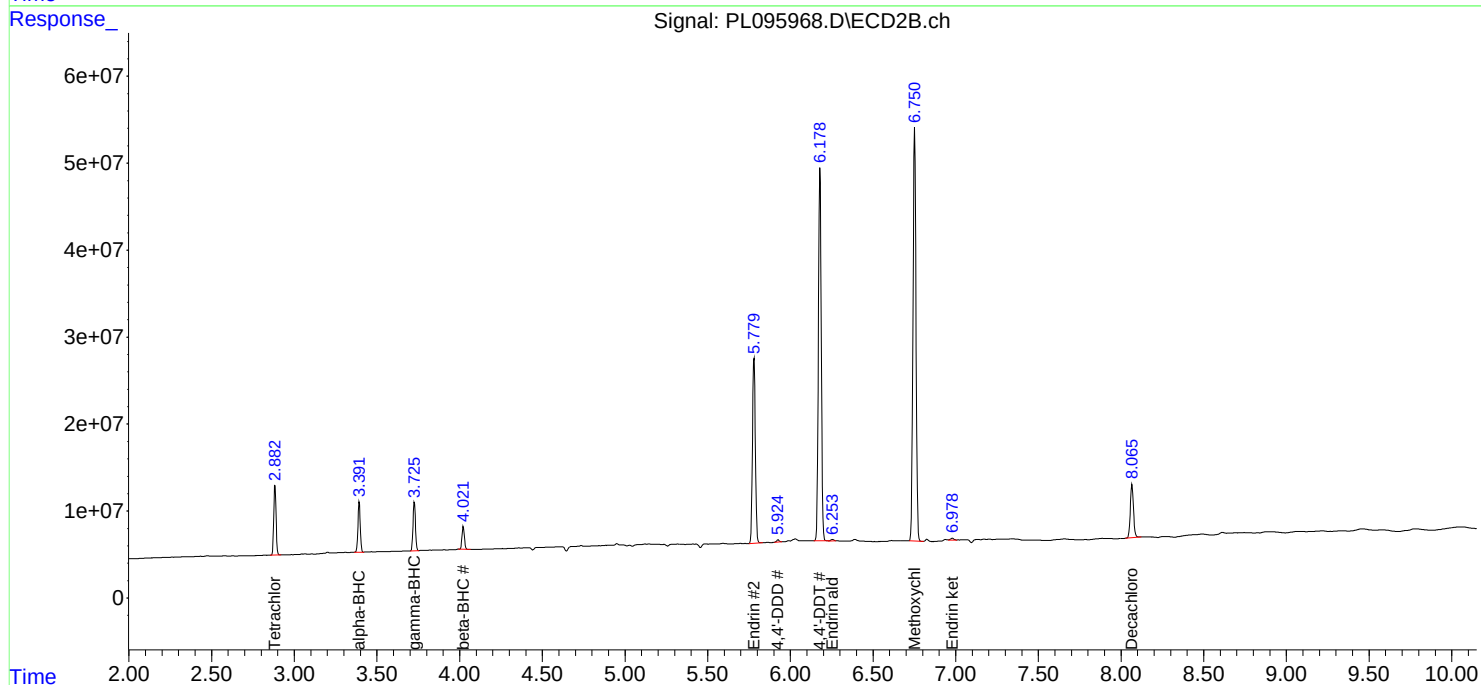
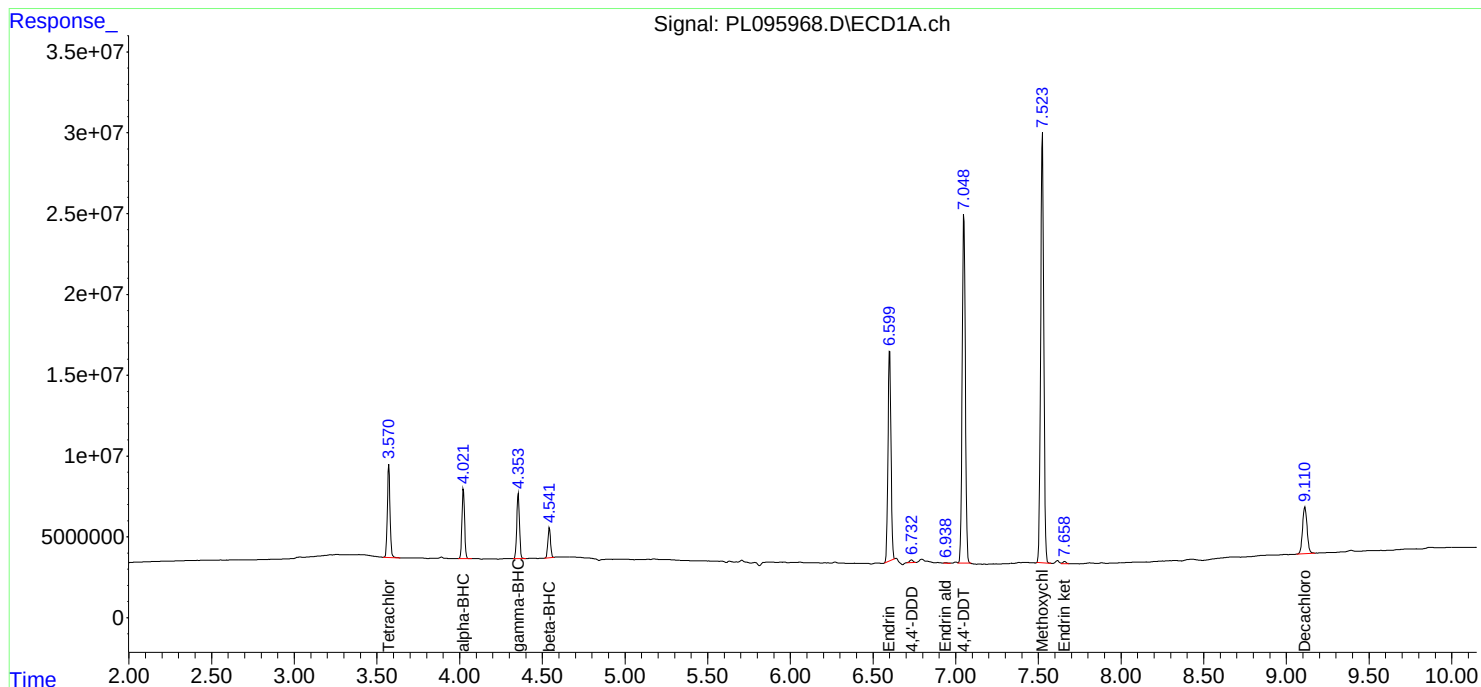
Instrument :
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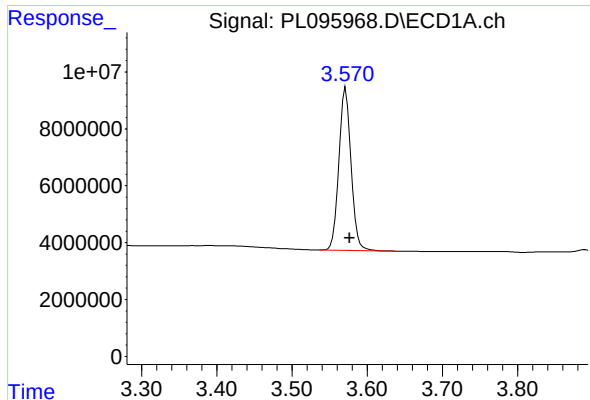
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 22:42:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 2025
Response 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





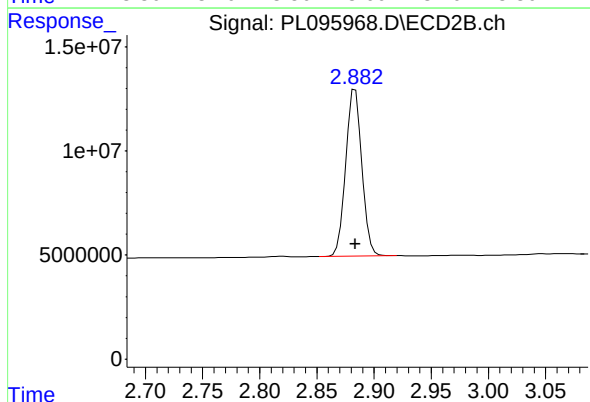
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 64544015
Conc: 20.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

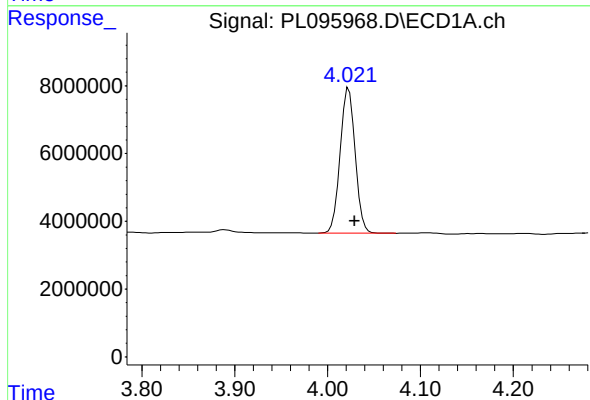
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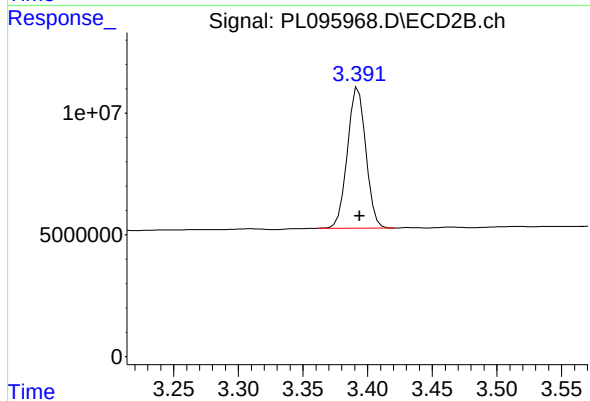
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 79160299
Conc: 20.23 ng/ml



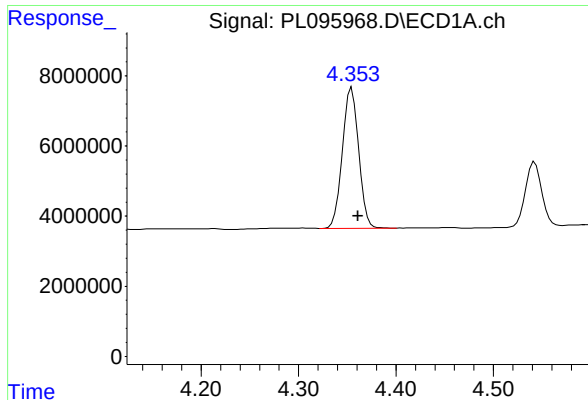
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 48148861
Conc: 9.93 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: -0.001 min
Response: 57155523
Conc: 9.76 ng/ml



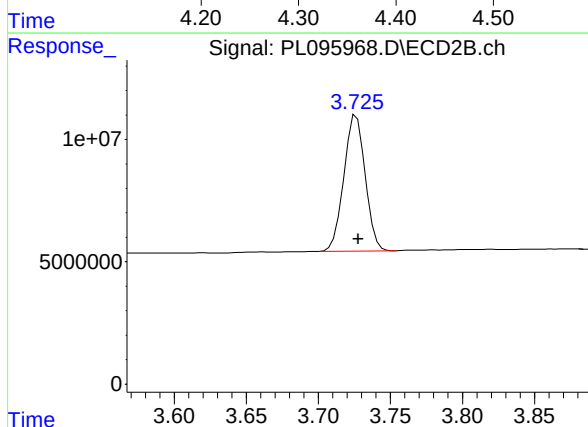
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.007 min
Response: 46511181
Conc: 10.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

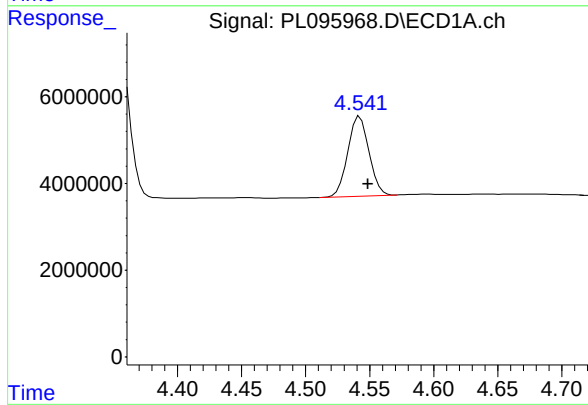
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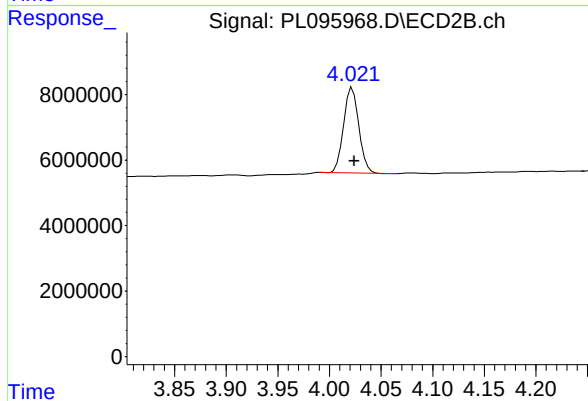
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: -0.002 min
Response: 57000421
Conc: 10.18 ng/ml



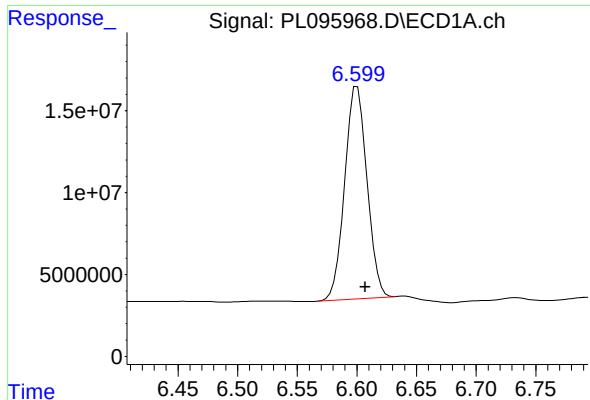
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 21243799
Conc: 10.78 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 26722317
Conc: 10.79 ng/ml



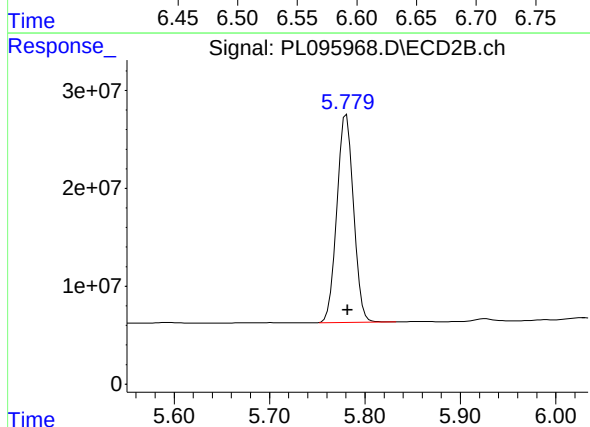
#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 168857278
Conc: 52.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

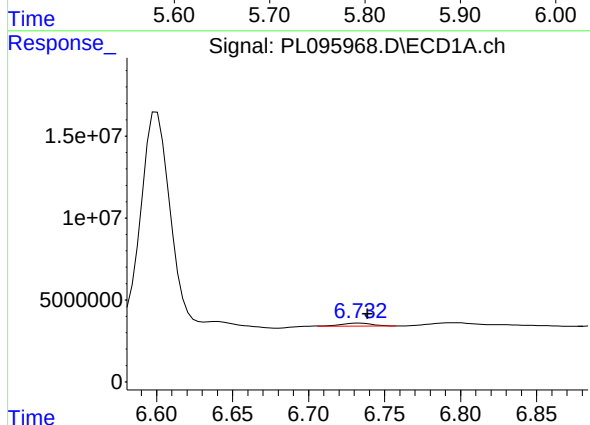
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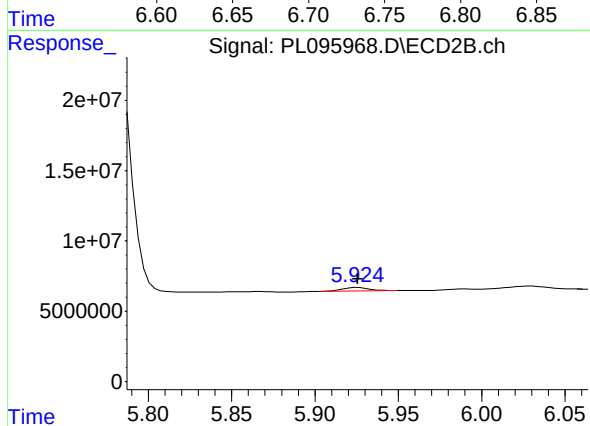
#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 256800224
Conc: 52.67 ng/ml



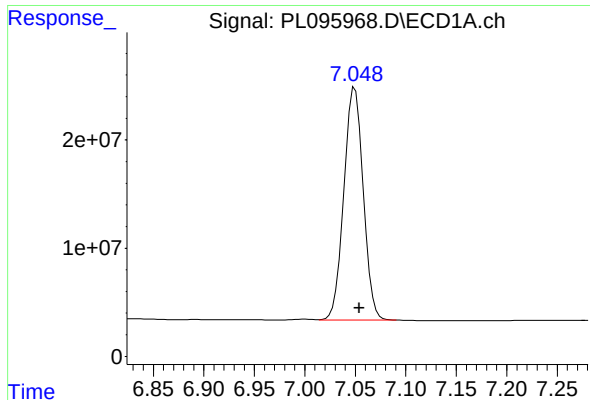
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 2514503
Conc: 0.86 ng/ml m



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 2967963
Conc: 0.68 ng/ml m



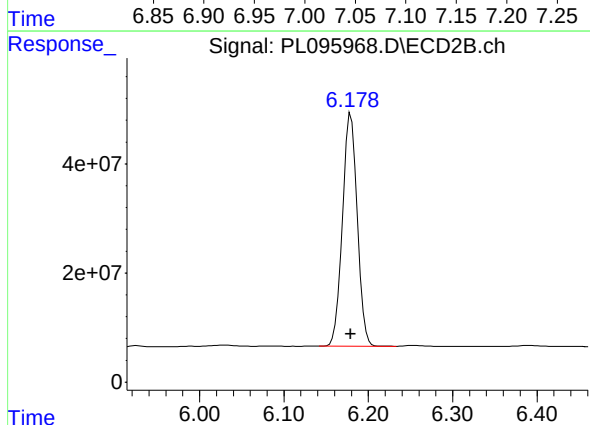
#17 4,4'-DDT

R.T.: 7.050 min
Delta R.T.: -0.004 min
Response: 287508191
Conc: 106.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

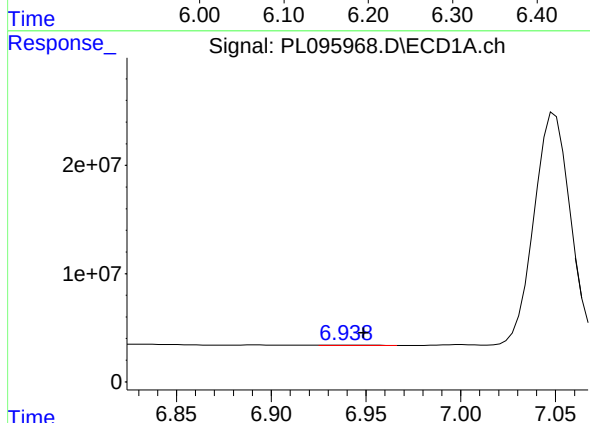
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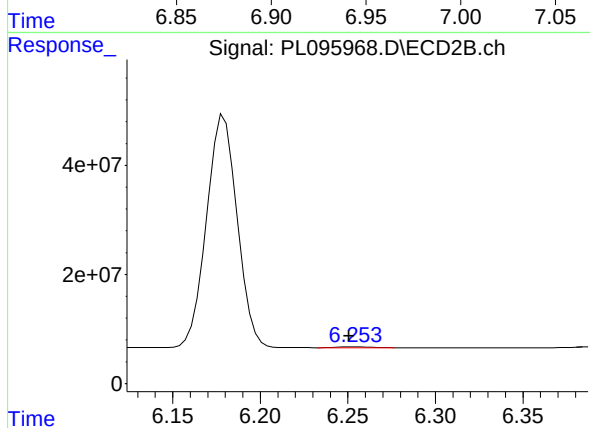
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 519937913
Conc: 108.71 ng/ml



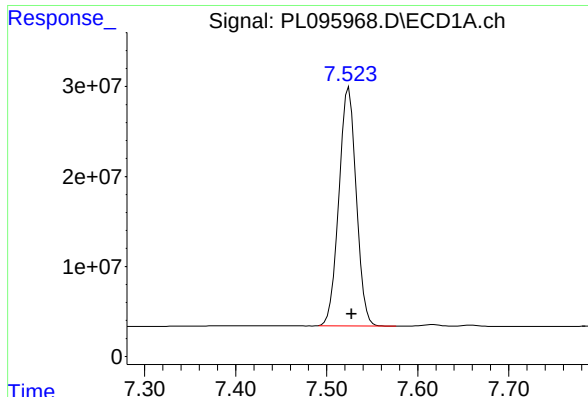
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: -0.011 min
Response: 392857
Conc: 0.16 ng/ml m



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.002 min
Response: 2337788
Conc: 0.68 ng/ml m



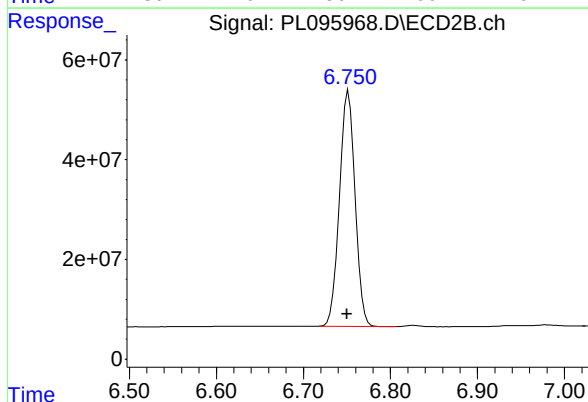
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: -0.003 min
Response: 351477328
Conc: 275.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

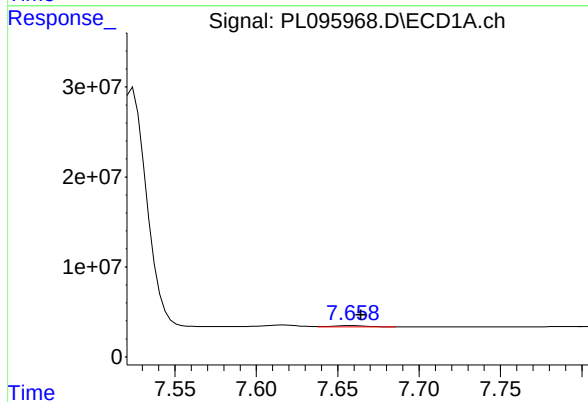
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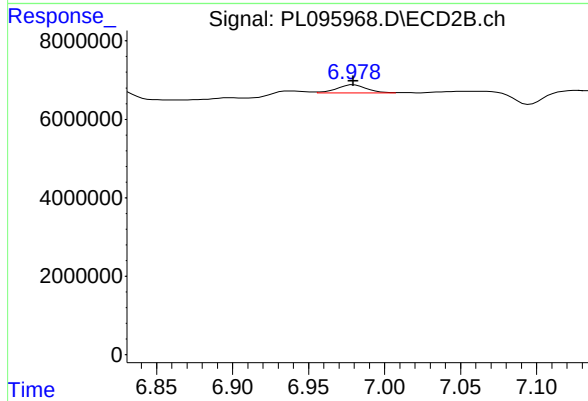
#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: 0.002 min
Response: 591245659
Conc: 226.00 ng/ml



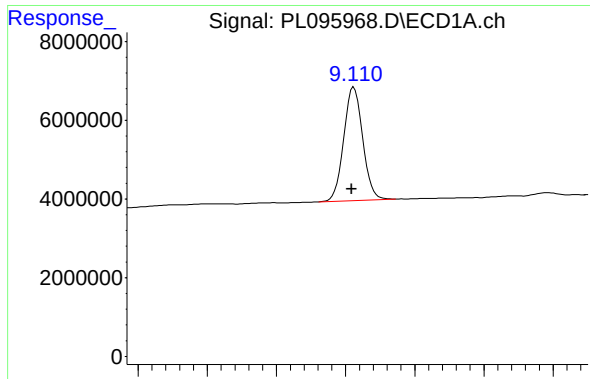
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.007 min
Response: 1767214
Conc: 0.56 ng/ml m



#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 2755744
Conc: 0.53 ng/ml m



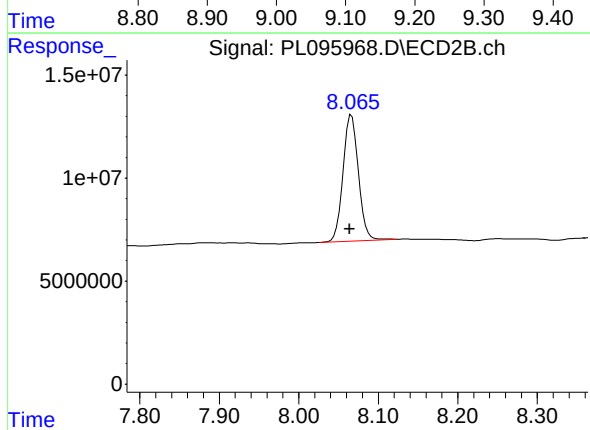
#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.003 min
Response: 54894405
Conc: 23.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.003 min
Response: 82202895
Conc: 18.79 ng/ml