

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041125\
 Data File : PL095186.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2025 09:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/14/2025
 Supervised By : mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:10:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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	2.766	45350236	63875889	16.021	17.896
2)	SA Decachlor...	9.052	7.898	34514408	66602623	16.377	16.488m
Target Compounds							
2)	A alpha-BHC	3.994	3.266	33390358	45162457	8.041	8.377m
3)	MA gamma-BHC...	4.327	3.598	32132292	42793377	8.053	8.326
6)	B beta-BHC	4.526	3.899	14582145	20603726	7.903	9.276
12)	B 4,4'-DDE	6.189	5.218	353766	553439	0.120m	0.119m
14)	MA Endrin	6.571	5.627	84618025	160.5E6	30.525m	36.781
16)	A 4,4'-DDD	6.709	5.775	6142145	7495733	2.836	2.085 #
17)	MA 4,4'-DDT	7.023	6.025	161.5E6	341.2E6	67.887	84.628
18)	B Endrin al...	6.921	6.101	3987745	7536286	1.889m	2.239
20)	A Methoxychlor	7.500	6.600	199.6E6	420.3E6	166.716	198.132
21)	B Endrin ke...	7.642	6.827	7713559	14165642	2.918	2.968m

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

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Acq On : 11 Apr 2025 09:28
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

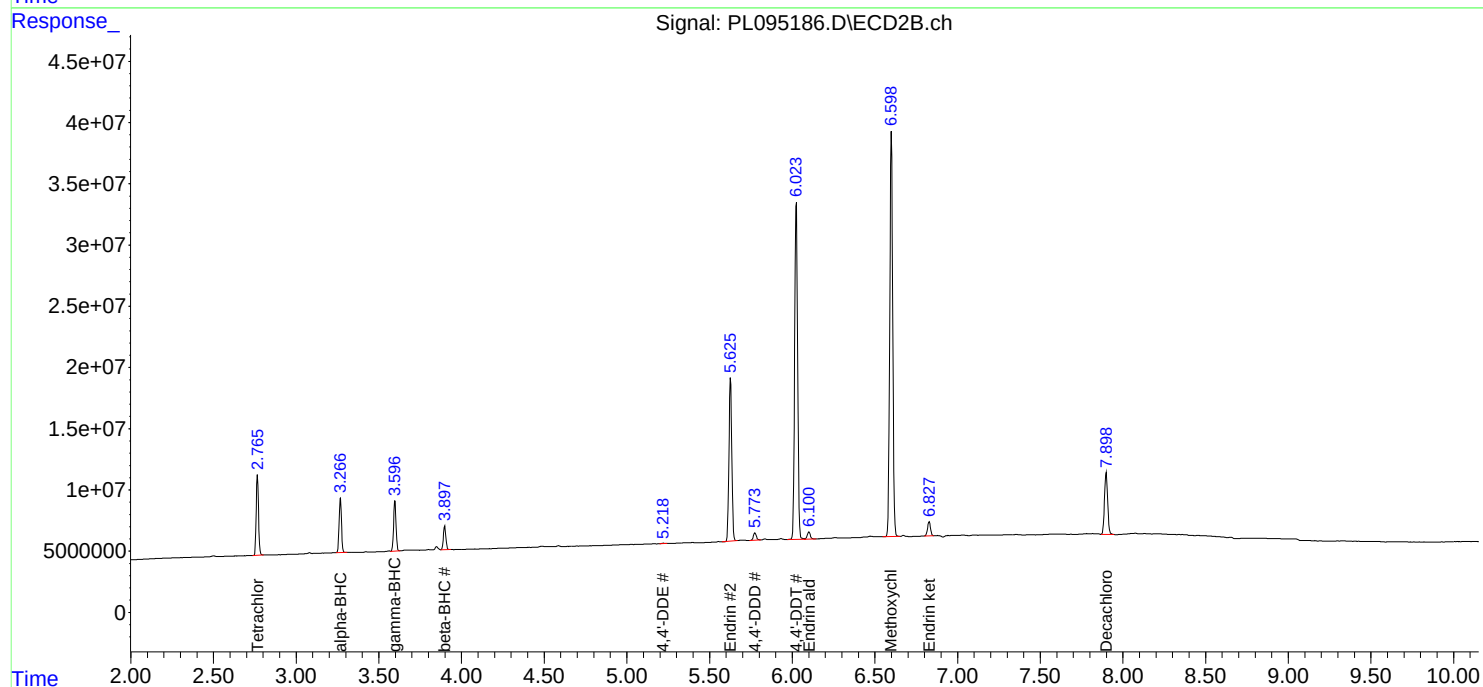
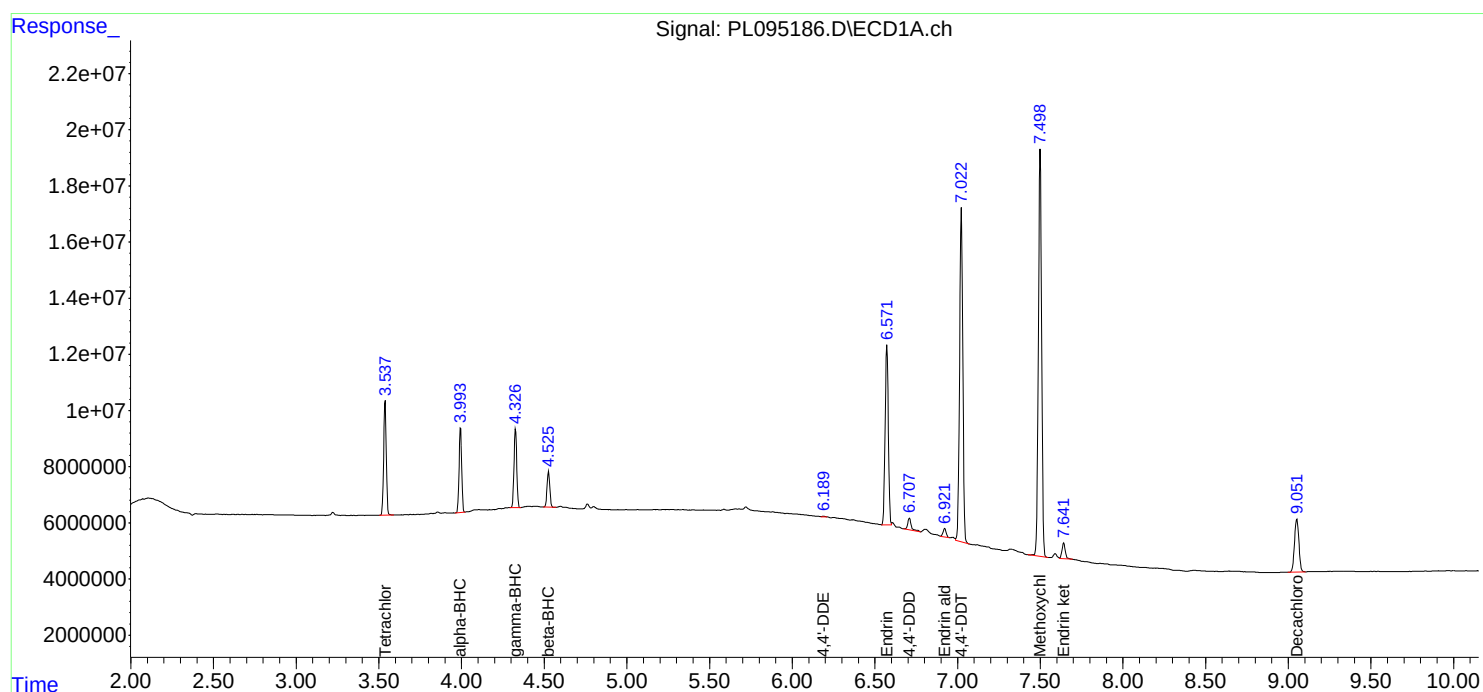
Instrument :
ECD_L
ClientSampleId :
PEM

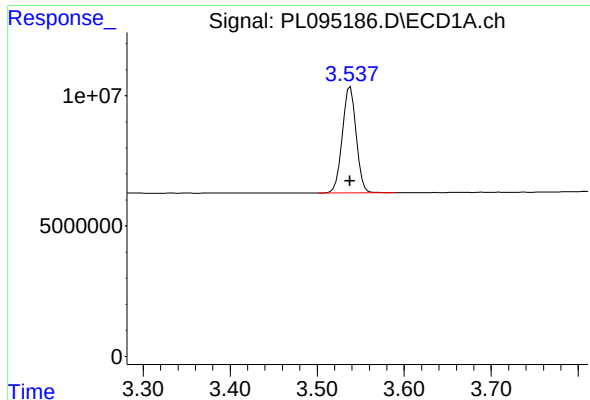
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
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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





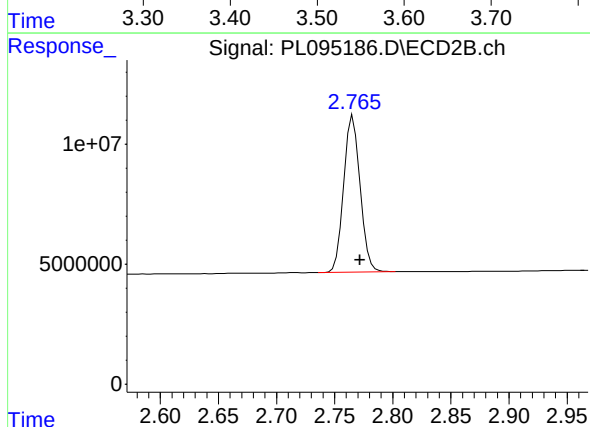
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 45350236
Conc: 16.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

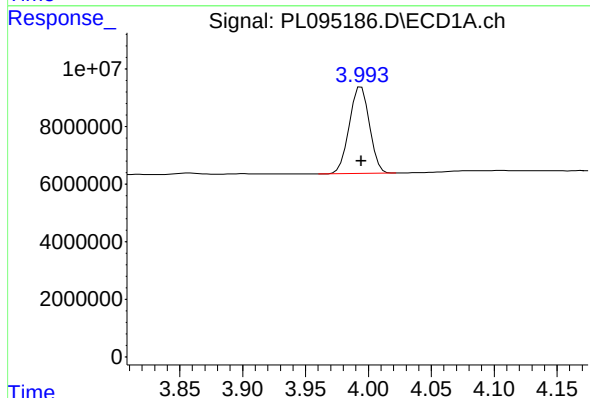
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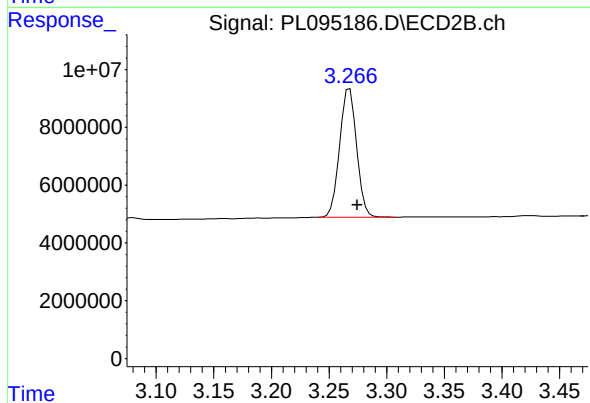
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: -0.006 min
Response: 63875889
Conc: 17.90 ng/ml



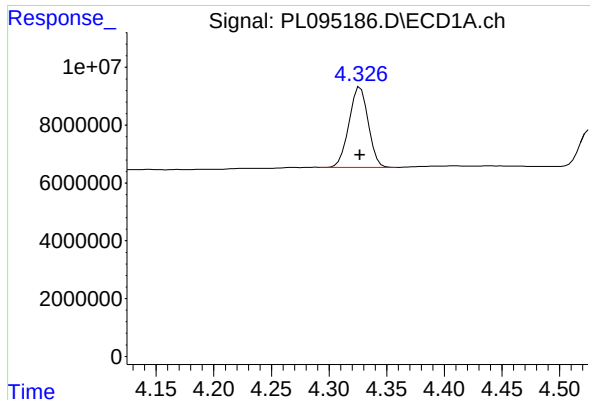
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 33390358
Conc: 8.04 ng/ml



#2 alpha-BHC

R.T.: 3.266 min
Delta R.T.: -0.008 min
Response: 45162457
Conc: 8.38 ng/ml m



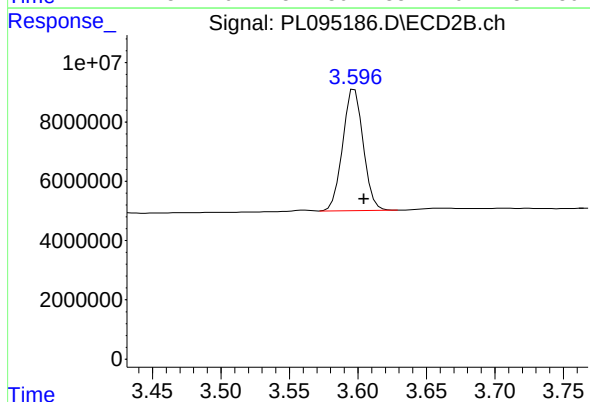
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 32132292
Conc: 8.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

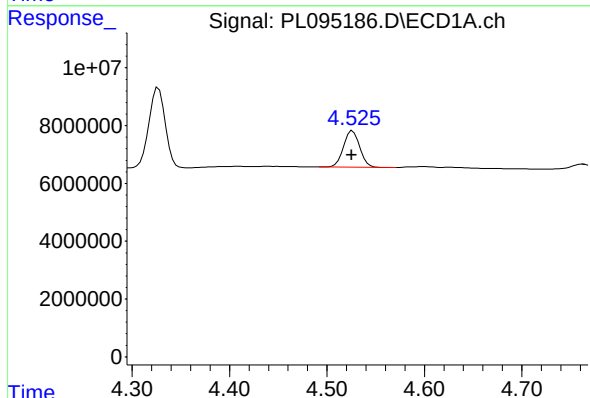
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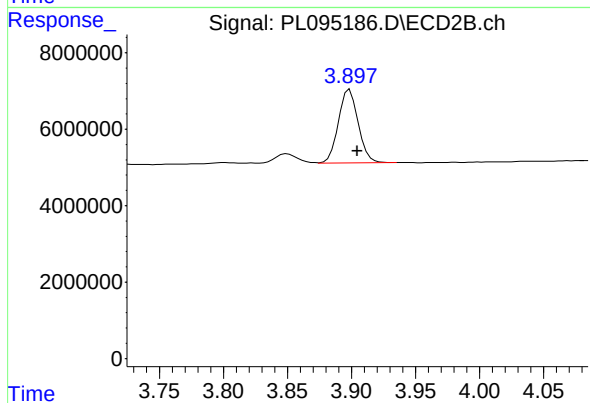
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.007 min
Response: 42793377
Conc: 8.33 ng/ml



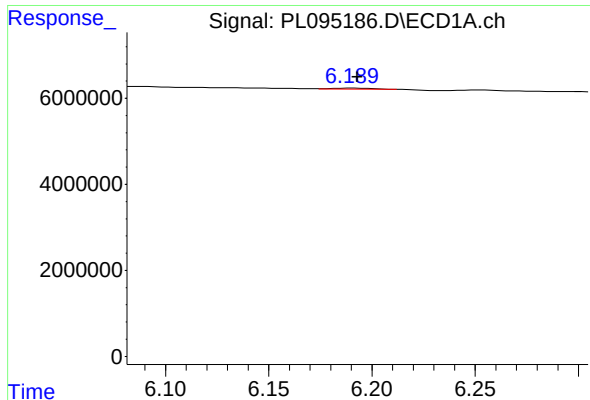
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 14582145
Conc: 7.90 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 20603726
Conc: 9.28 ng/ml



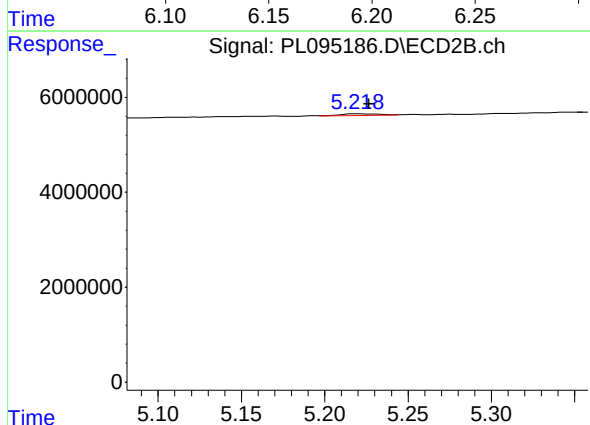
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 353766
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

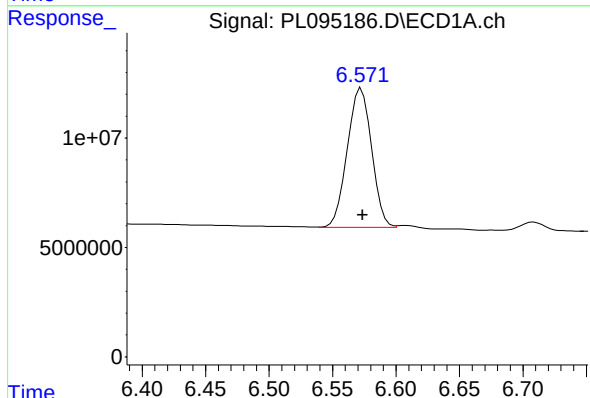
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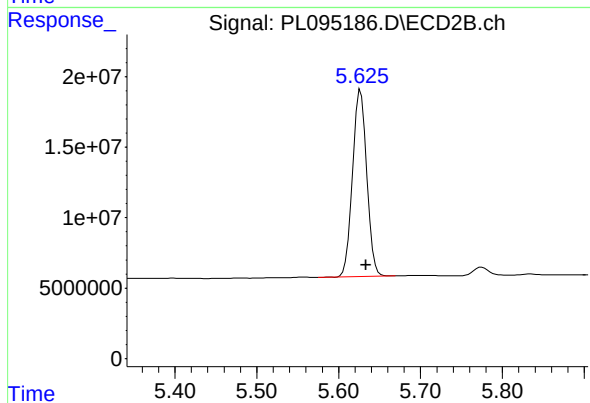
#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.009 min
Response: 553439
Conc: 0.12 ng/ml



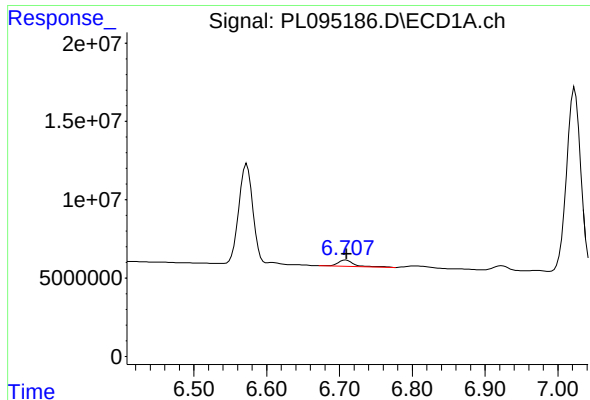
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 84618025
Conc: 30.53 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 160501255
Conc: 36.78 ng/ml



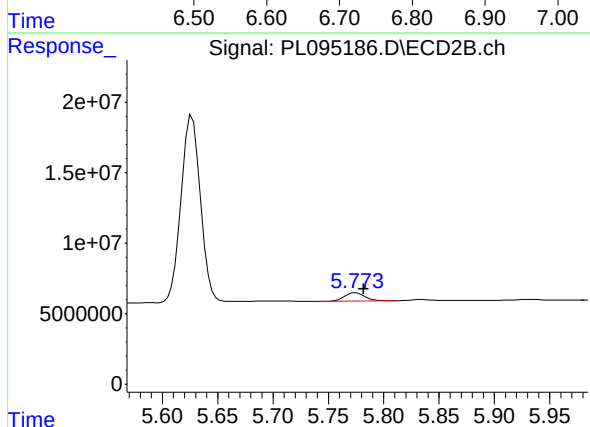
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 6142145
Conc: 2.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

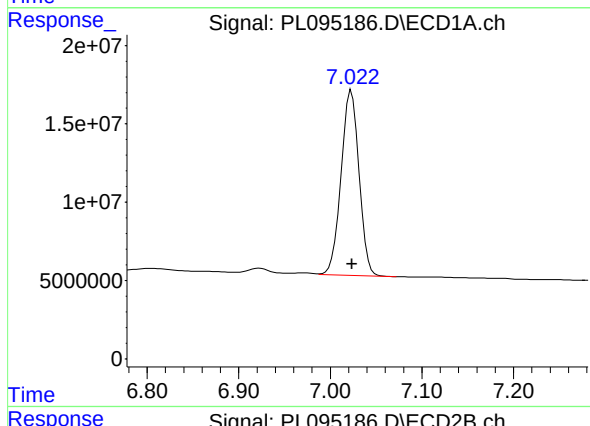
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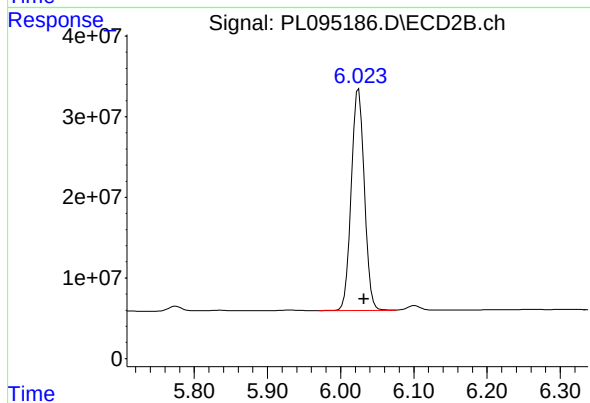
#16 4,4'-DDD

R.T.: 5.775 min
Delta R.T.: -0.007 min
Response: 7495733
Conc: 2.08 ng/ml



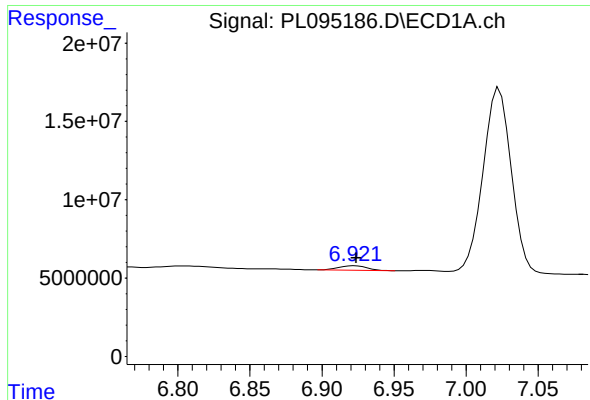
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 161471724
Conc: 67.89 ng/ml



#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: -0.007 min
Response: 341230572
Conc: 84.63 ng/ml



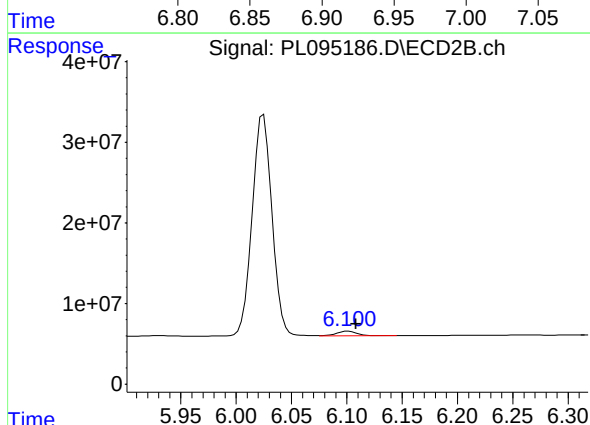
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 3987745
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

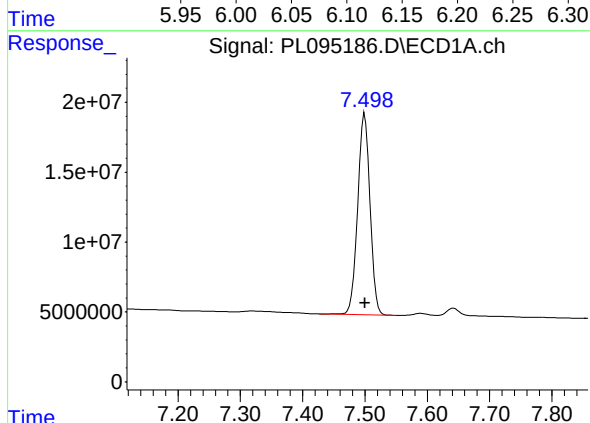
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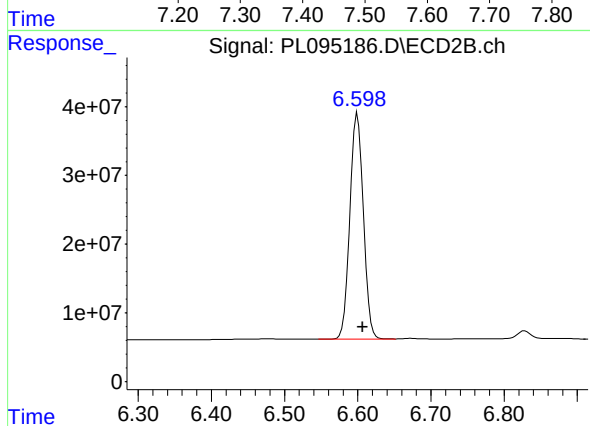
#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: -0.007 min
Response: 7536286
Conc: 2.24 ng/ml



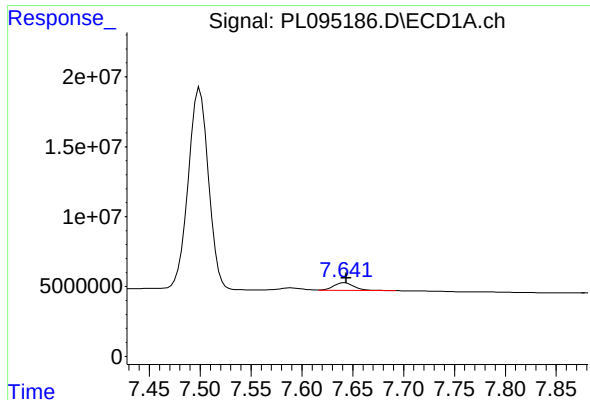
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 199570727
Conc: 166.72 ng/ml



#20 Methoxychlor

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 420250926
Conc: 198.13 ng/ml



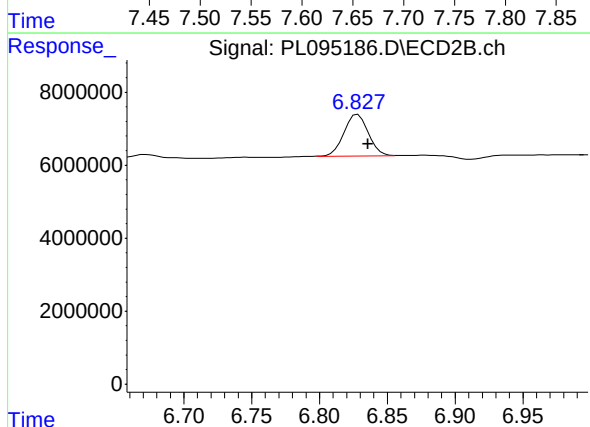
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 7713559
Conc: 2.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

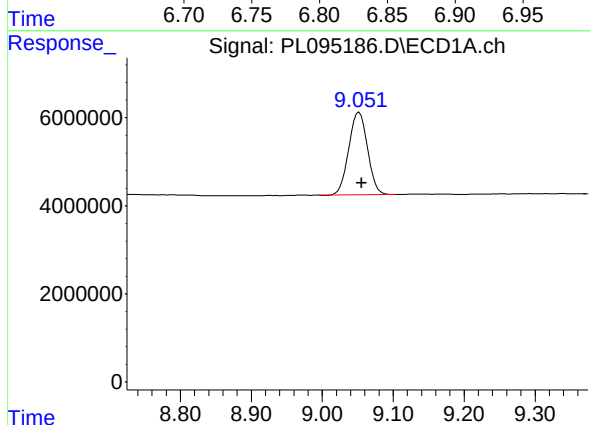
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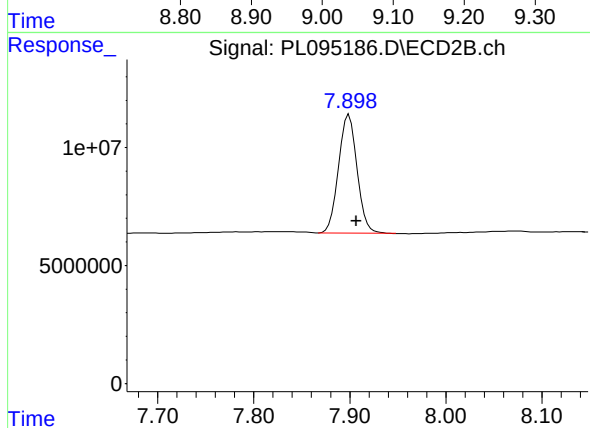
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.009 min
Response: 14165642
Conc: 2.97 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.004 min
Response: 34514408
Conc: 16.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.009 min
Response: 66602623
Conc: 16.49 ng/ml m