

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052725\
 Data File : PL095780.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 May 2025 08:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/28/2025
 Supervised By : mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 13:24:53 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	2.884	66973541	80310874	21.226	20.519
28)	SA Decachlor...	9.098	8.059	51938784	97559275	22.042	22.302
Target Compounds							
2)	A alpha-BHC	4.023	3.394	48224897	56375868	9.948	9.625
3)	MA gamma-BHC...	4.354	3.727	44768290	54912782	10.011	9.804
6)	B beta-BHC	4.542	4.022	20485711	26052596	10.392	10.515m
14)	MA Endrin	6.600	5.780	163.4E6	243.9E6	50.639	50.020
16)	A 4,4'-DDD	6.729	5.924	1085135	1360794	0.370m	0.310m
17)	MA 4,4'-DDT	7.047	6.176	265.6E6	490.0E6	98.192	102.455
18)	B Endrin al...	6.939	6.249	329900	2089749	0.136m	0.605m#
20)	A Methoxychlor	7.518	6.746	318.4E6	536.1E6	249.690m	204.923
21)	B Endrin ke...	7.655	6.975	1891168	3106106	0.597m	0.600m

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

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Data File : PL095780.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 2025 08:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

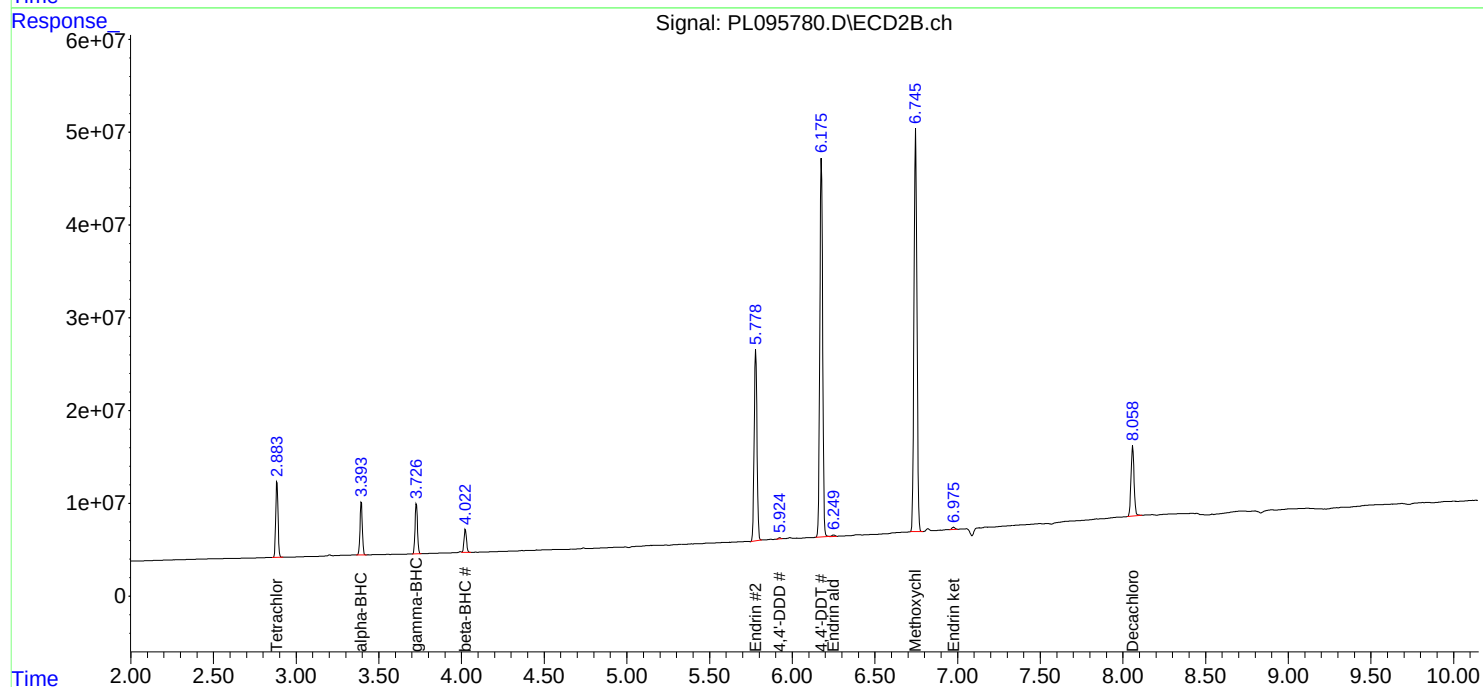
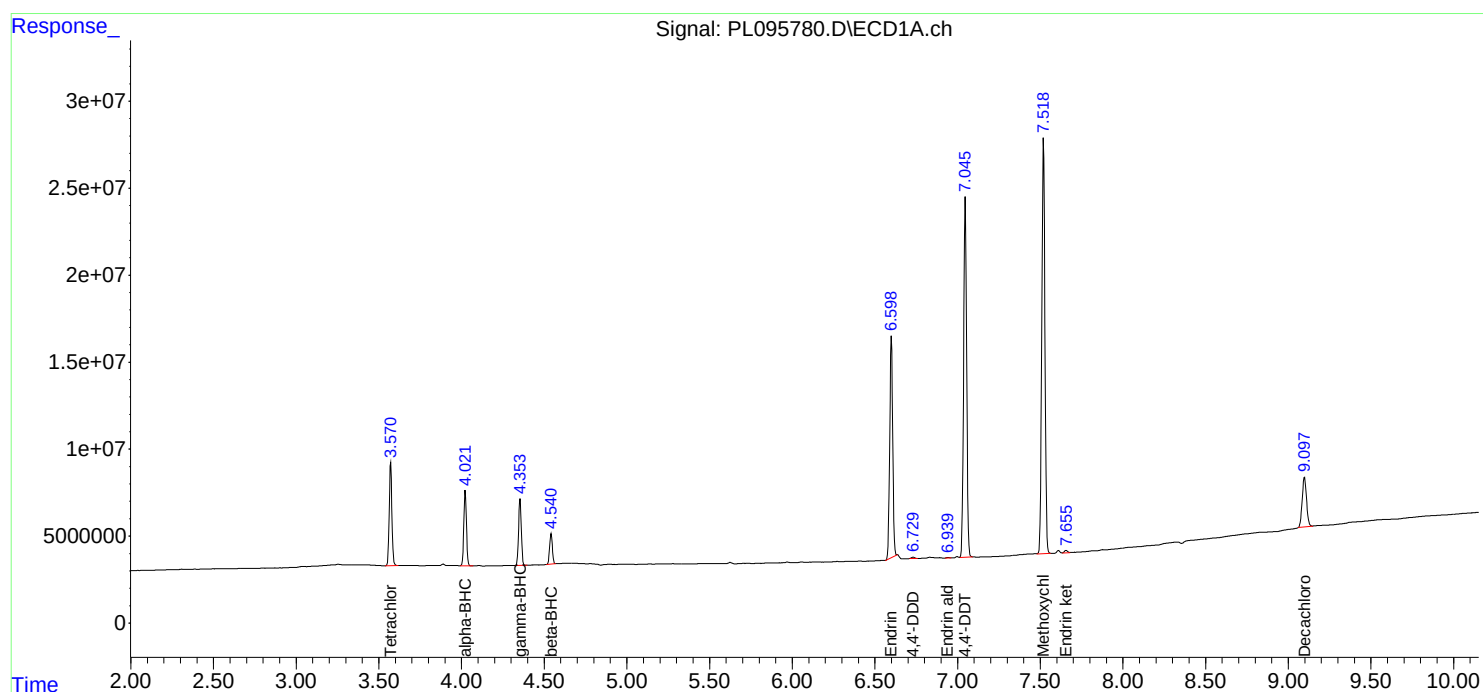
Instrument :
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ClientSampleId :
PEM

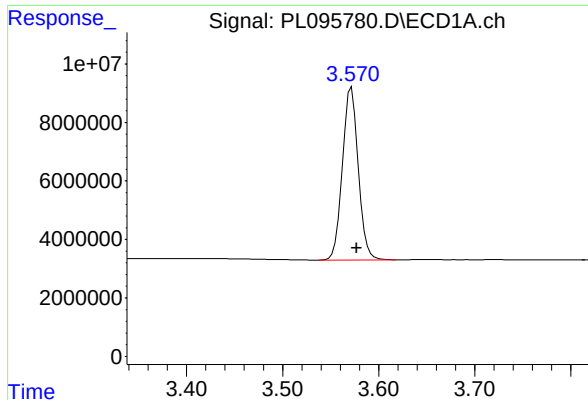
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 13:24:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 2025
Response 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





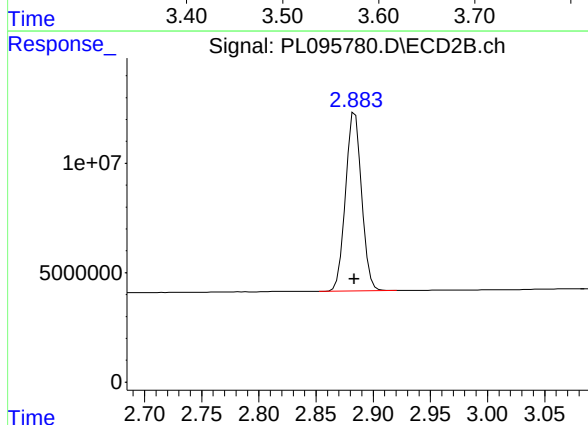
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 66973541
Conc: 21.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

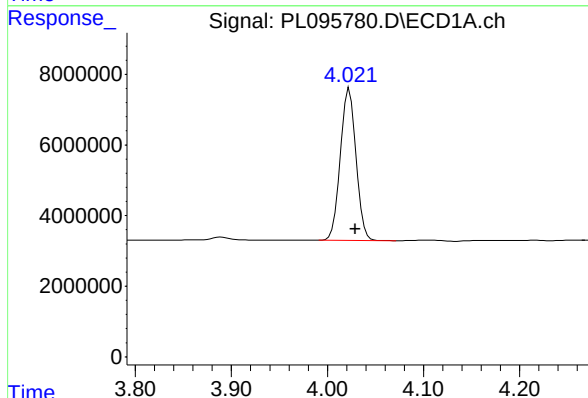
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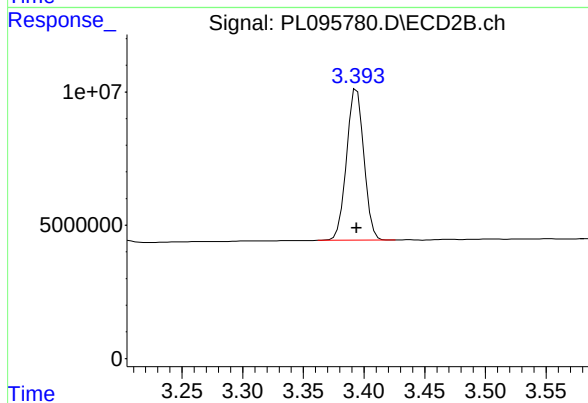
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 80310874
Conc: 20.52 ng/ml



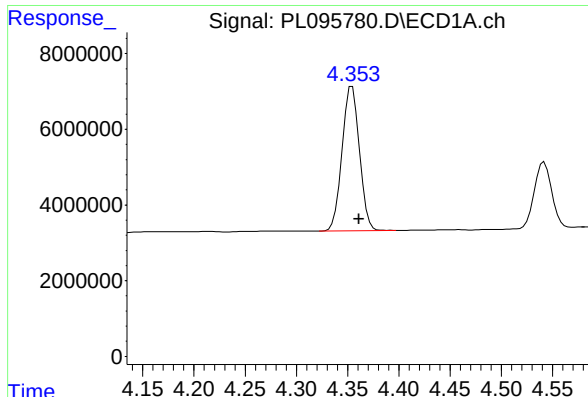
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 48224897
Conc: 9.95 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 56375868
Conc: 9.62 ng/ml



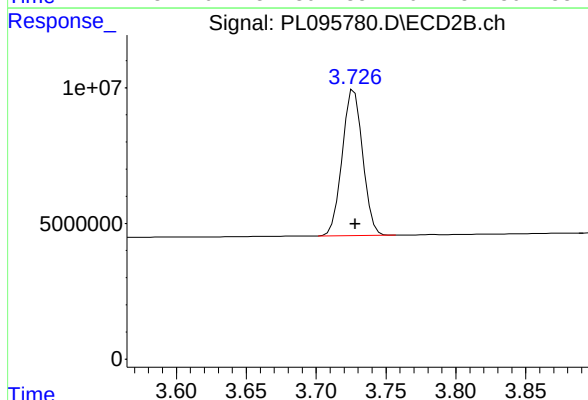
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 44768290
Conc: 10.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

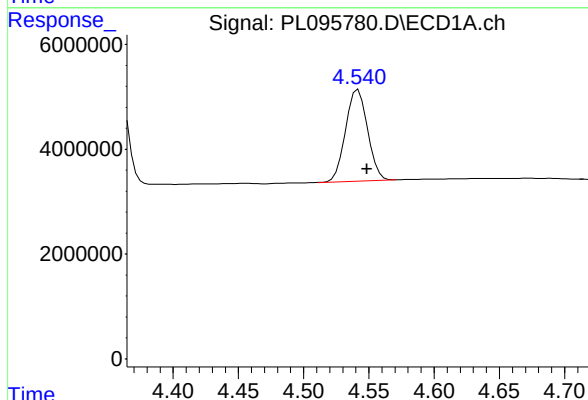
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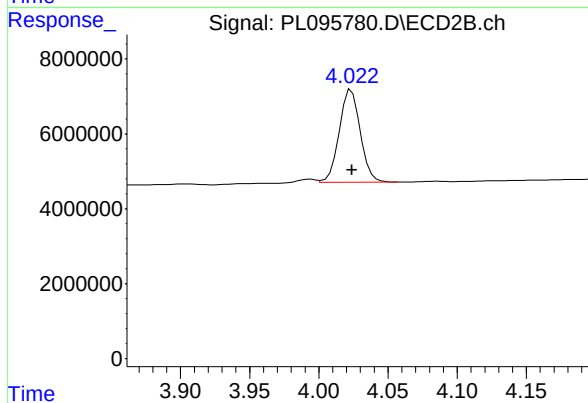
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 54912782
Conc: 9.80 ng/ml



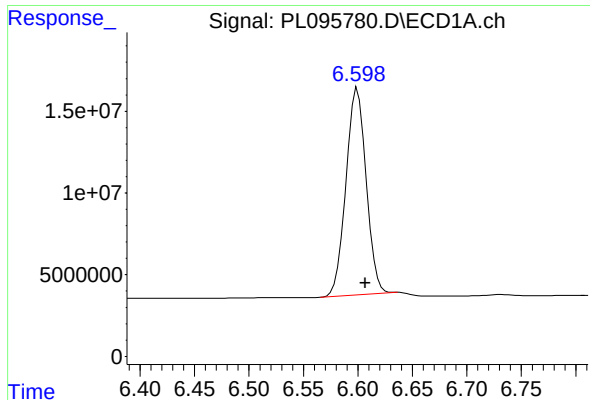
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: -0.007 min
Response: 20485711
Conc: 10.39 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 26052596
Conc: 10.52 ng/ml m



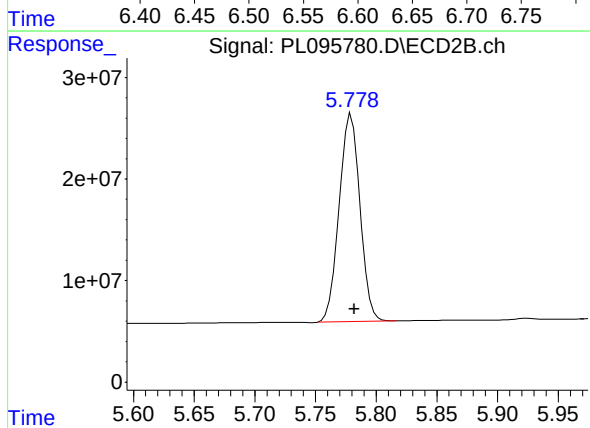
#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 163398892
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

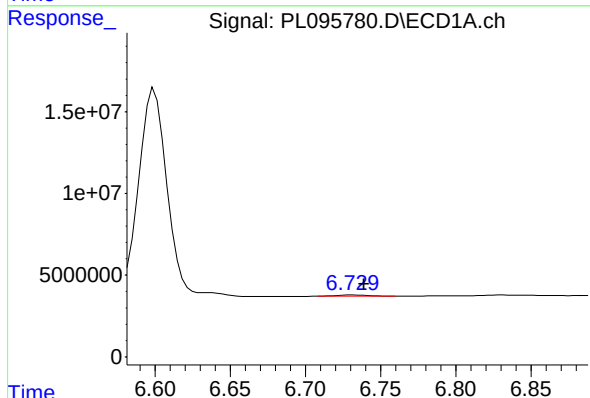
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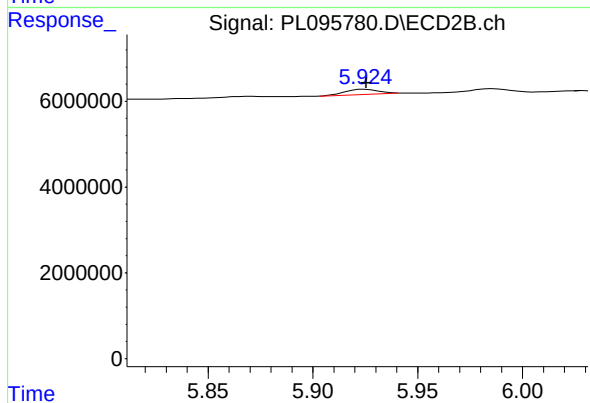
#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 243903577
Conc: 50.02 ng/ml



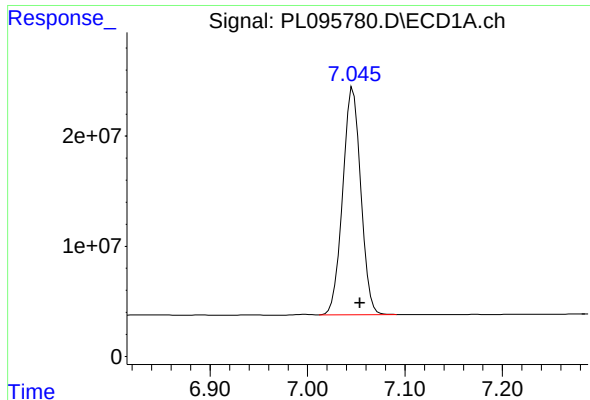
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: -0.009 min
Response: 1085135
Conc: 0.37 ng/ml m



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 1360794
Conc: 0.31 ng/ml m



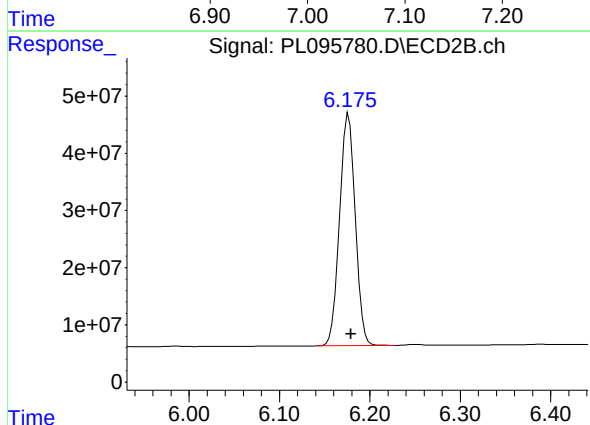
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.007 min
Response: 265622521
Conc: 98.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

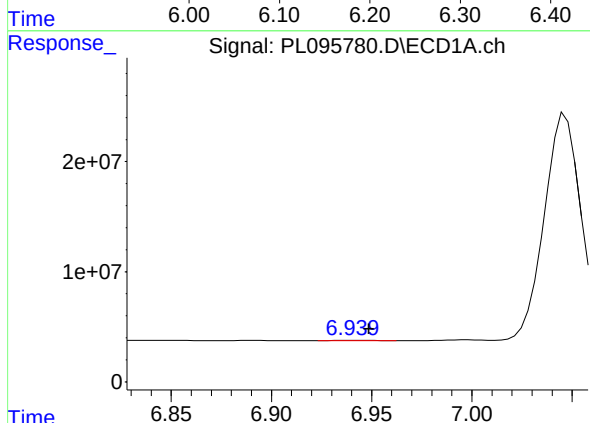
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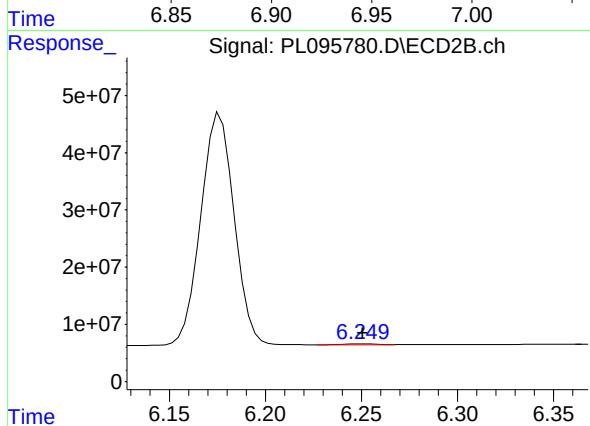
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 490000148
Conc: 102.45 ng/ml



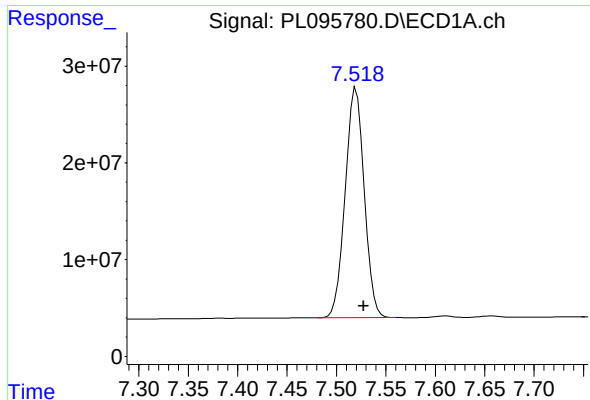
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.010 min
Response: 329900
Conc: 0.14 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 2089749
Conc: 0.60 ng/ml m



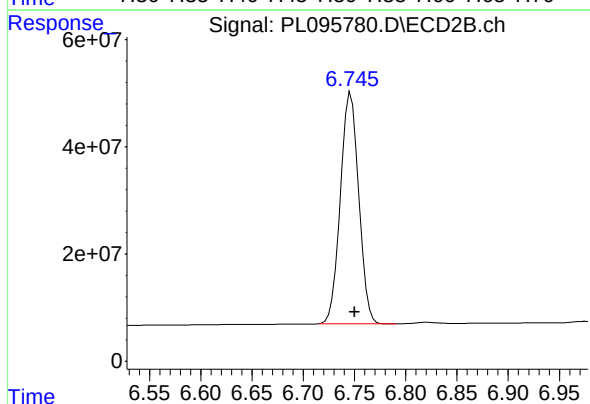
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: -0.009 min
Response: 318435637
Conc: 249.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

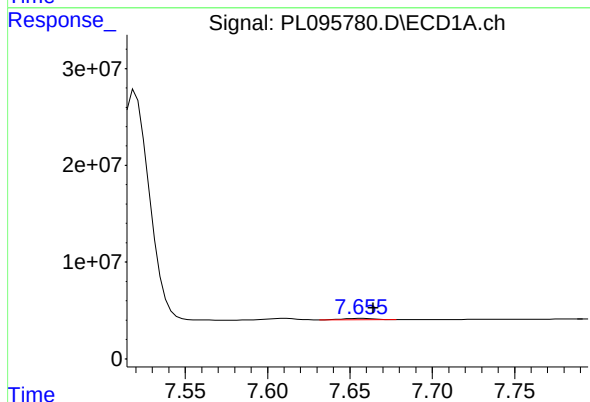
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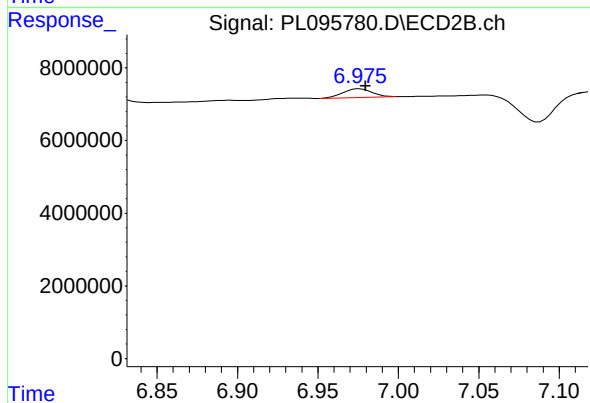
#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 536101611
Conc: 204.92 ng/ml



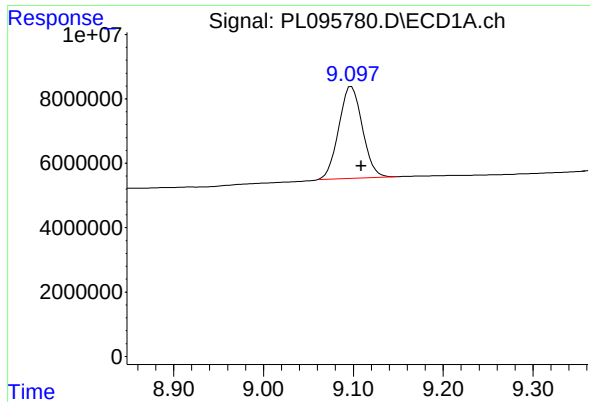
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: -0.009 min
Response: 1891168
Conc: 0.60 ng/ml m



#21 Endrin ketone

R.T.: 6.975 min
Delta R.T.: -0.005 min
Response: 3106106
Conc: 0.60 ng/ml m



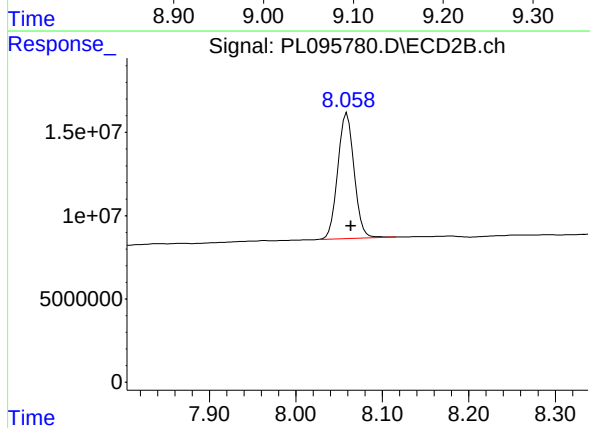
#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.011 min
Response: 51938784
Conc: 22.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 97559275
Conc: 22.30 ng/ml