

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032725\
 Data File : PL094920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2025 19:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/28/2025
 Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 02:00:25 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...	3.535	2.769	56169816	77577037	19.843	21.735
28) SA Decachlor...	9.050	7.901	40668418	79210727	19.297	19.610
Target Compounds						
2) A alpha-BHC	3.991	3.271	42208338	54915389	10.165	10.186
3) MA gamma-BHC...	4.324	3.600	40009563	52713050	10.027	10.257
6) B beta-BHC	4.523	3.901	18369837	25817118	9.955	11.623
14) MA Endrin	6.569	5.628	112.0E6	211.4E6	40.395m	48.438m
16) A 4,4'-DDD	6.707	5.777	10202888	15723971	4.710	4.373
17) MA 4,4'-DDT	7.021	6.027	199.3E6	395.0E6	83.779	97.957
18) B Endrin al...	6.919	6.103	3322462	9030049	1.574m	2.683 #
20) A Methoxychlor	7.497	6.601	251.3E6	476.3E6	209.943	224.572
21) B Endrin ke...	7.640	6.830	10650573	15697334	4.029	3.289m

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

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Acq On : 27 Mar 2025 19:44
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

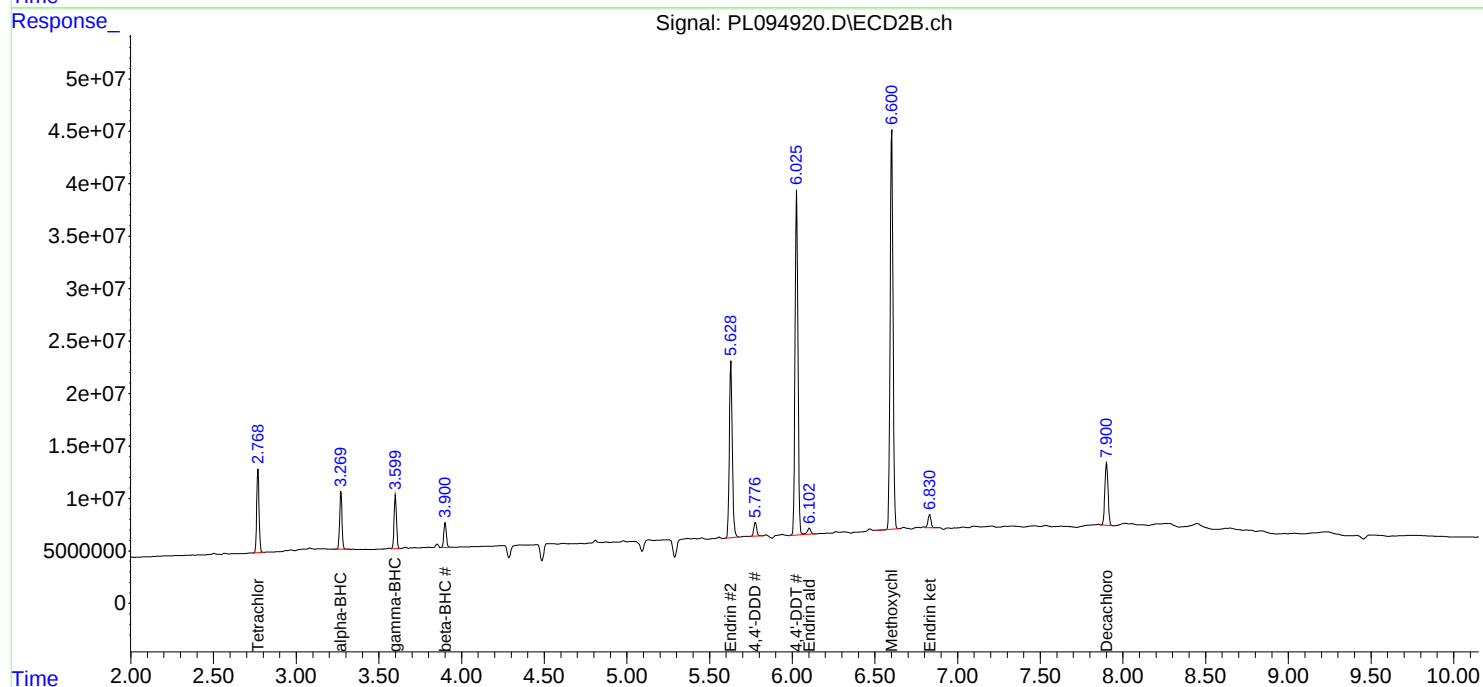
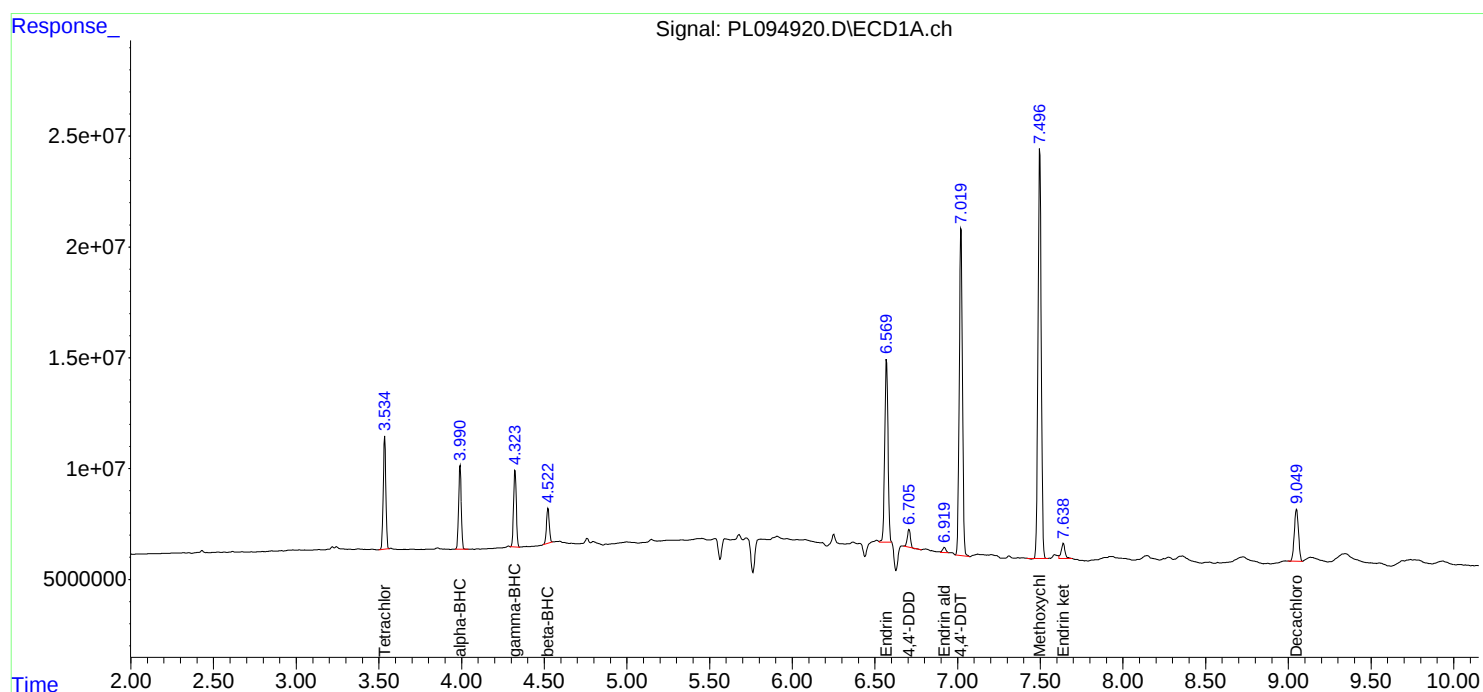
Instrument :
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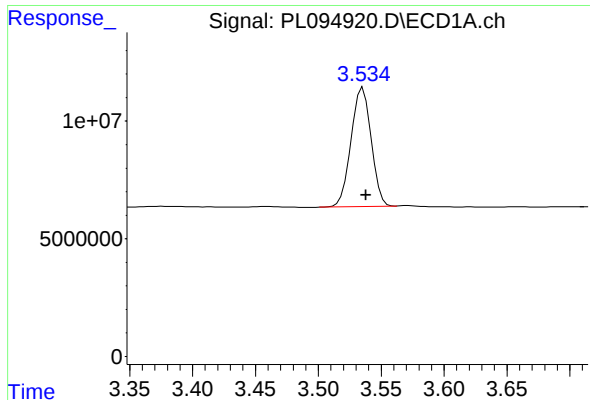
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
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Volume Inj. : 1 µl
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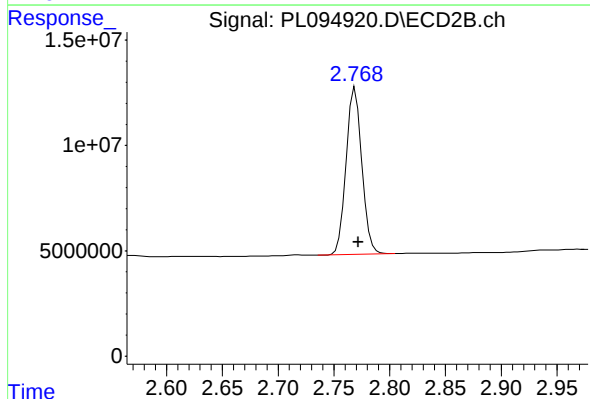
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 56169816
Conc: 19.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

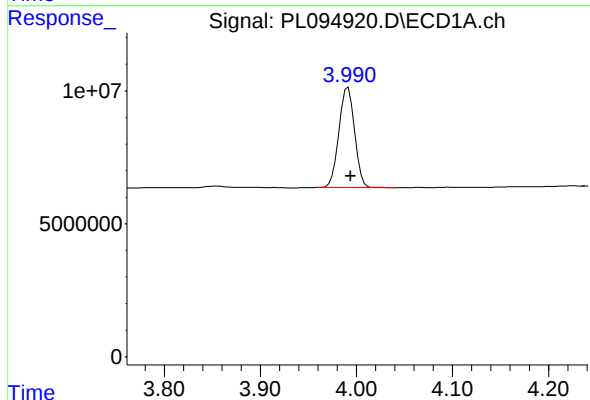
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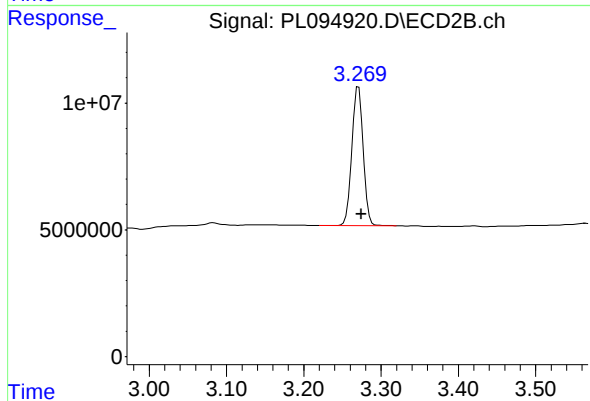
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 77577037
Conc: 21.73 ng/ml



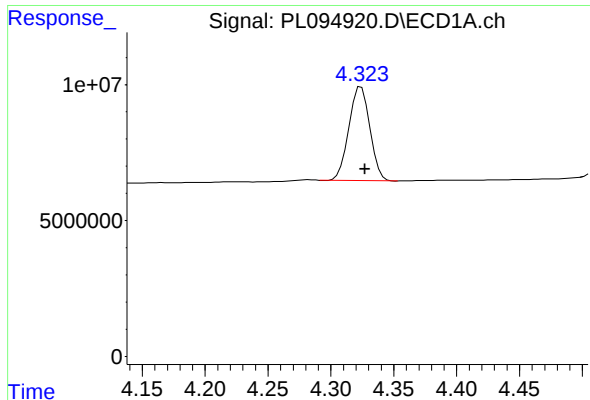
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 42208338
Conc: 10.16 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 54915389
Conc: 10.19 ng/ml



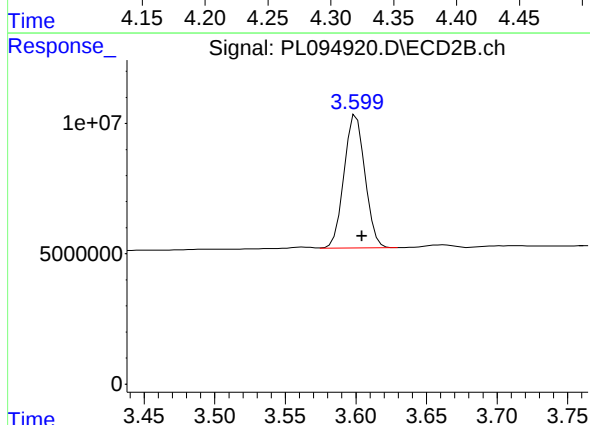
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 40009563
Conc: 10.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

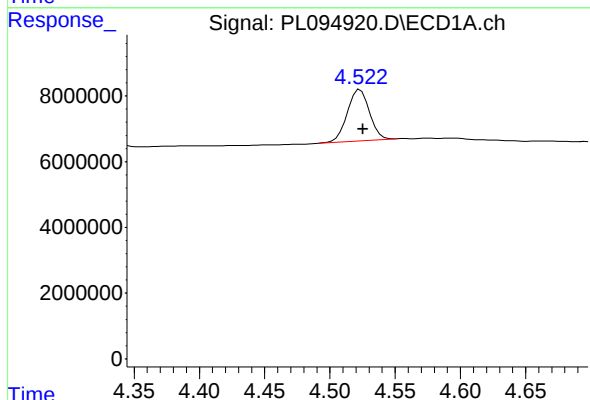
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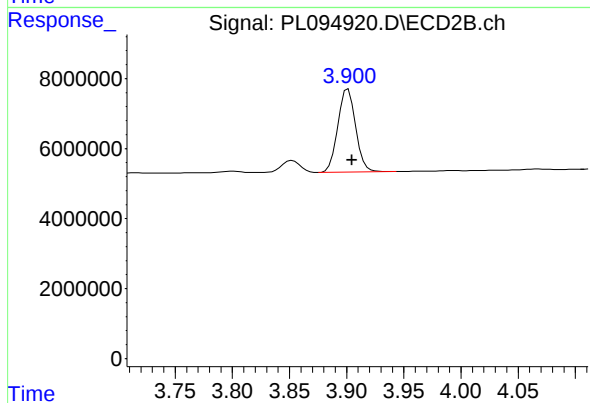
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 52713050
Conc: 10.26 ng/ml



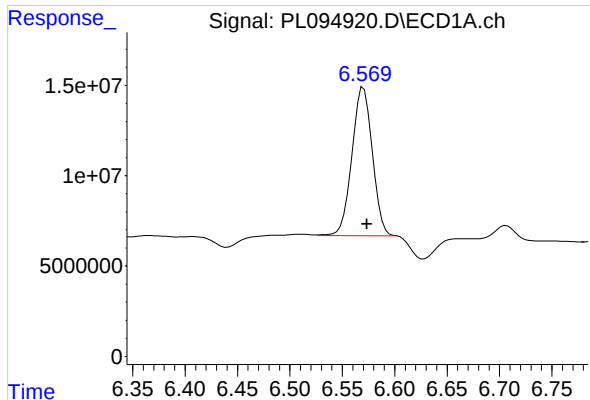
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 18369837
Conc: 9.96 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 25817118
Conc: 11.62 ng/ml



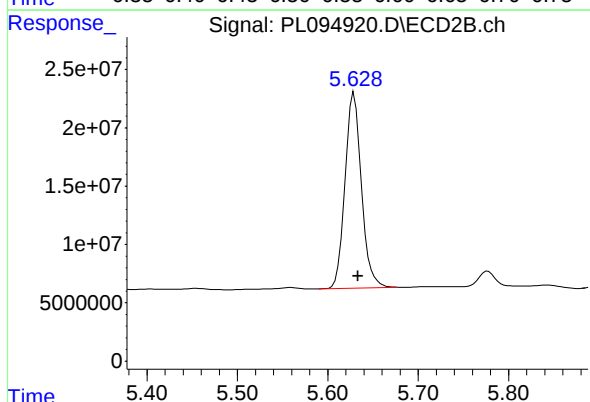
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 111977712
Conc: 40.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

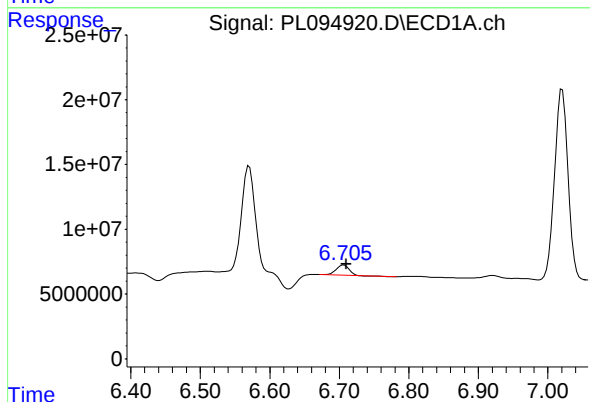
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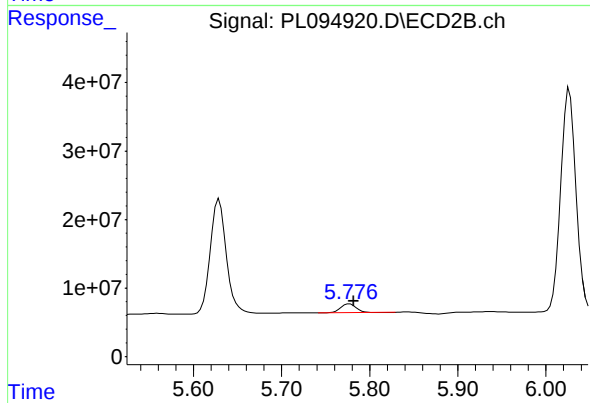
#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.006 min
Response: 211364400
Conc: 48.44 ng/ml m



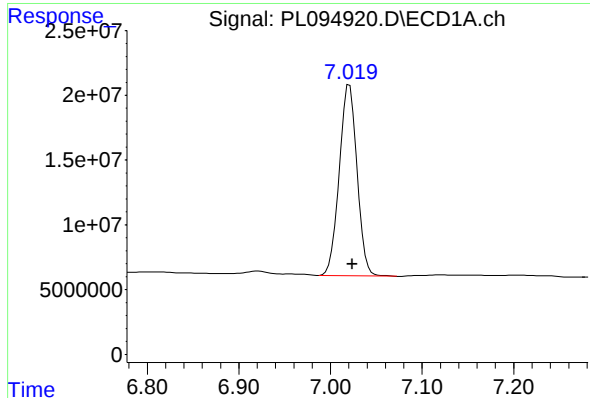
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 10202888
Conc: 4.71 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 15723971
Conc: 4.37 ng/ml



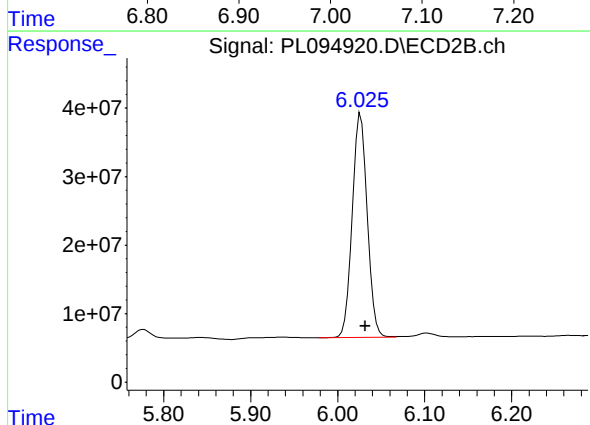
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 199271115
Conc: 83.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

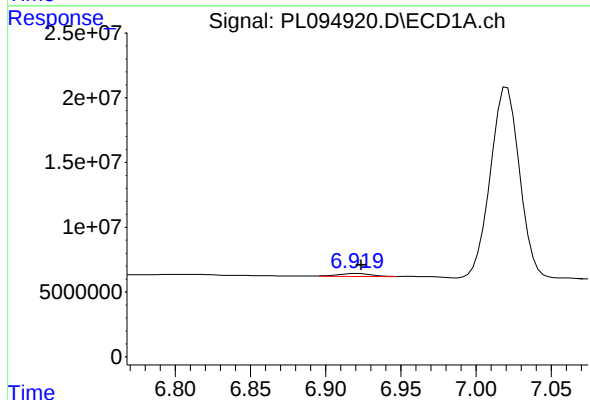
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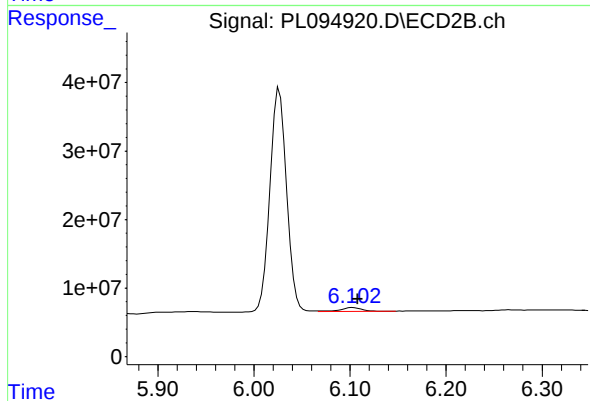
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.005 min
Response: 394975128
Conc: 97.96 ng/ml



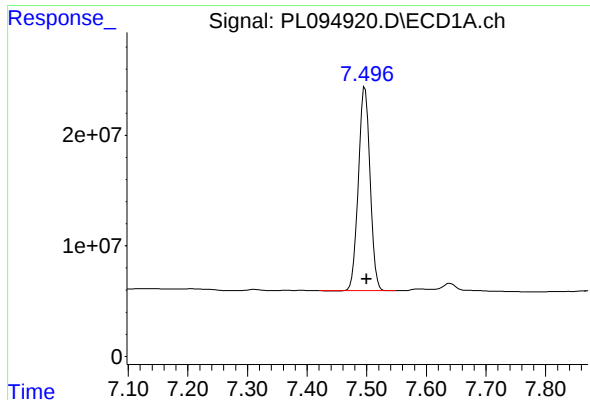
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 3322462
Conc: 1.57 ng/ml m



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 9030049
Conc: 2.68 ng/ml



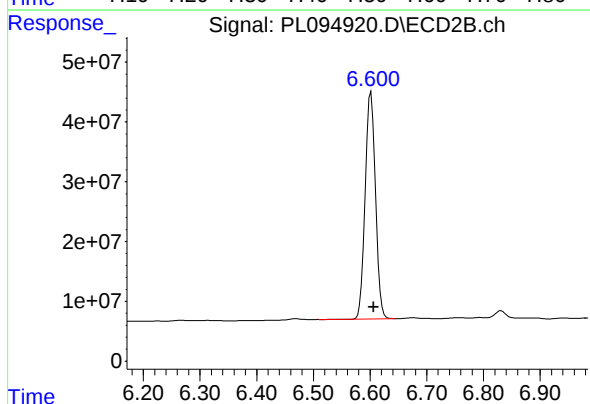
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 251316986
Conc: 209.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

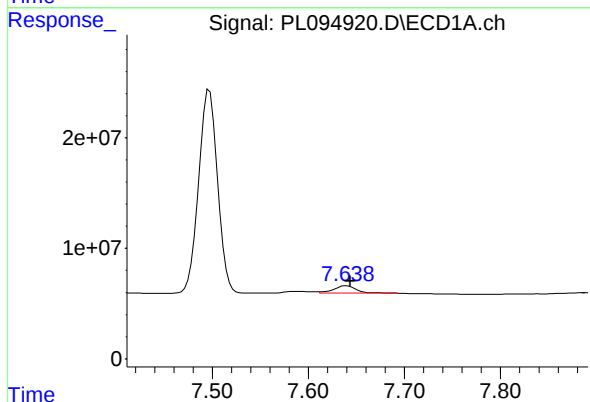
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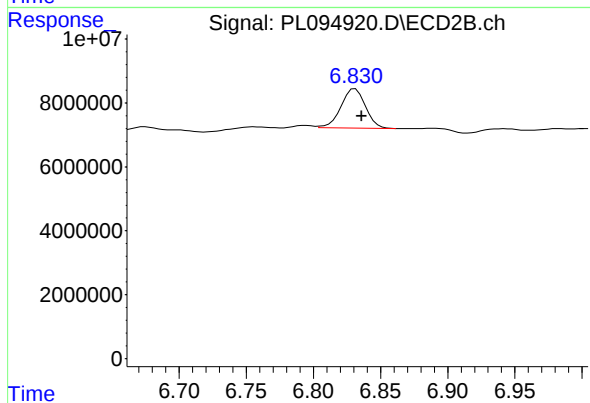
#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.005 min
Response: 476333324
Conc: 224.57 ng/ml



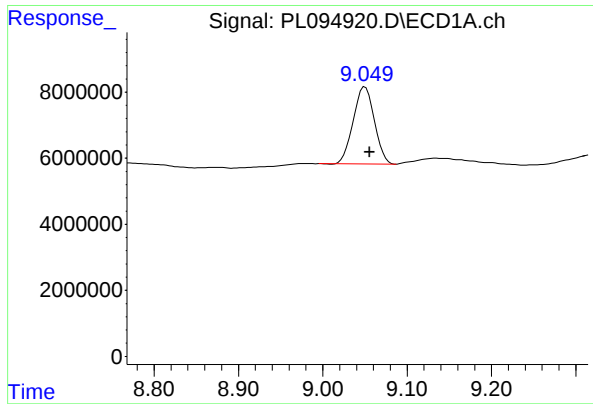
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 10650573
Conc: 4.03 ng/ml



#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 15697334
Conc: 3.29 ng/ml m



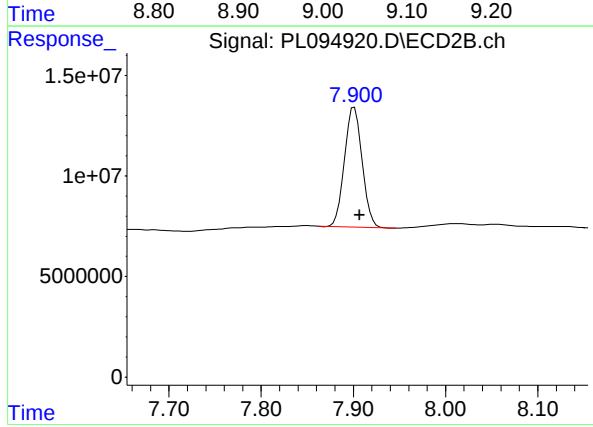
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.006 min
Response: 40668418
Conc: 19.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 79210727
Conc: 19.61 ng/ml