

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
 Data File : PL097700.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 09:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/03/2025
 Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:52:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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...	3.524	2.822	104.2E6	147.7E6	25.472	24.531
28)	SA Decachlor...	9.002	7.984	71669701	114.2E6	24.089	21.373
Target Compounds							
2)	A alpha-BHC	3.971	3.327	77193354	107.0E6	11.362	10.999
3)	MA gamma-BHC...	4.299	3.659	74597921	101.2E6	11.676	11.168
6)	B beta-BHC	4.488	3.956	31603280	45596129	12.126	11.540
14)	MA Endrin	6.531	5.701	258.1E6	402.9E6	57.616	57.592
16)	A 4,4'-DDD	6.663	5.848	10284916	16718271	2.877m	2.608
17)	MA 4,4'-DDT	6.979	6.101	446.6E6	735.1E6	110.762	106.872
18)	B Endrin al...	6.875	6.173	2077895	13149574	0.632m	2.285 #
20)	A Methoxychlor	7.452	6.674	528.8E6	818.8E6	259.101	220.402
21)	B Endrin ke...	7.587	6.899	5596109	18097413	1.344	2.431 #

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

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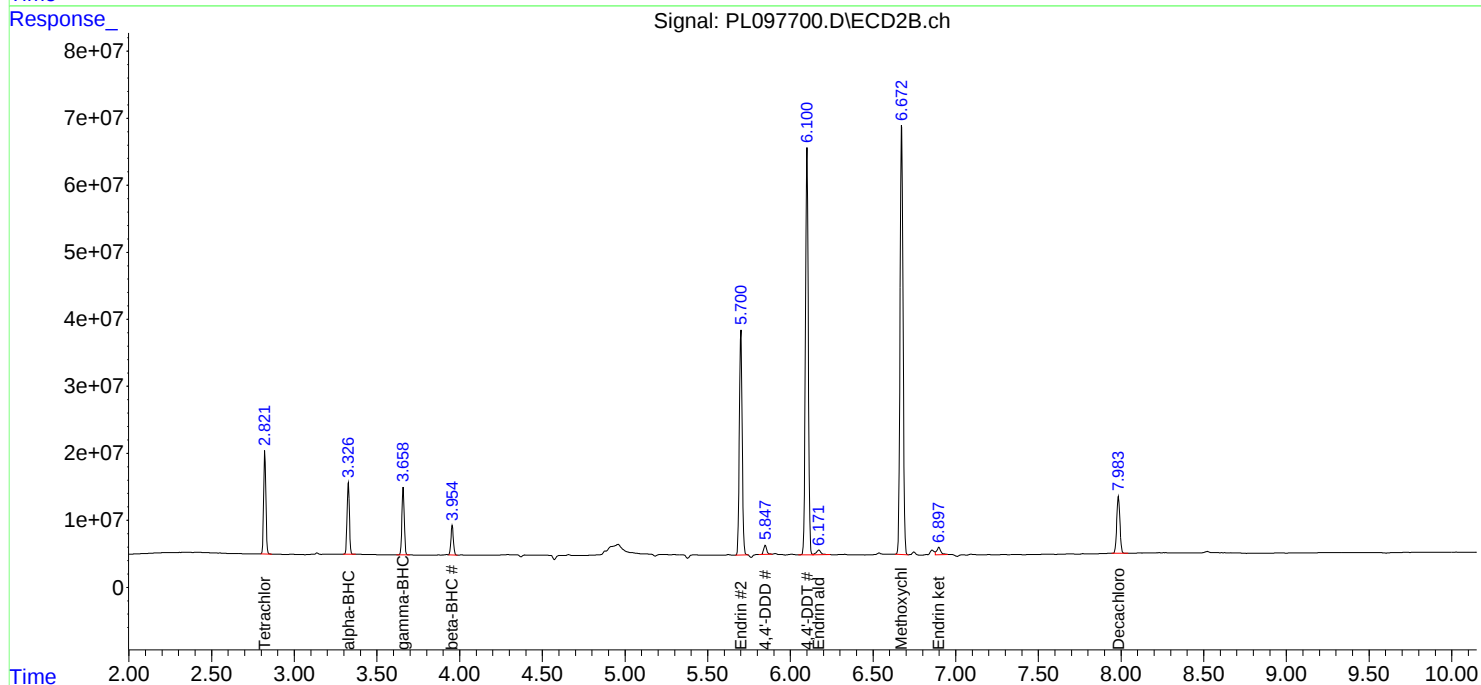
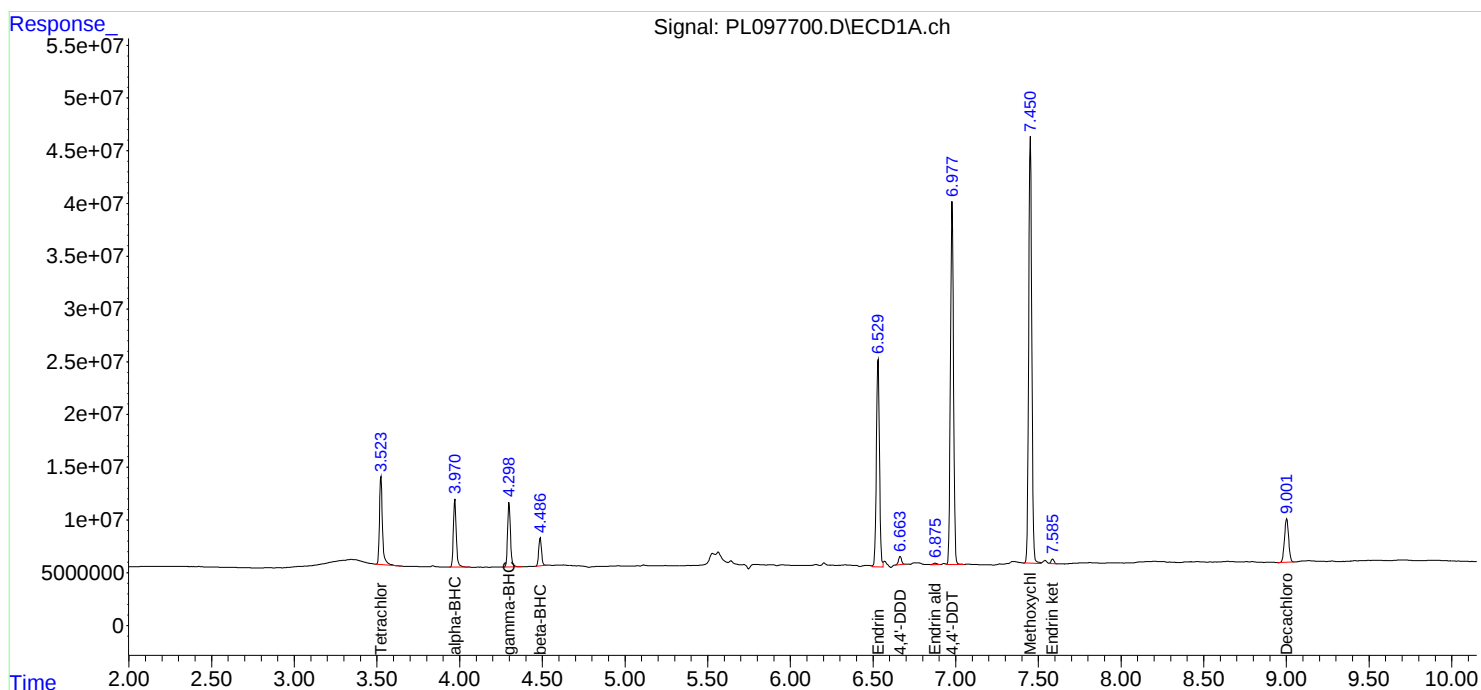
Instrument :
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ClientSampleId :
PEM

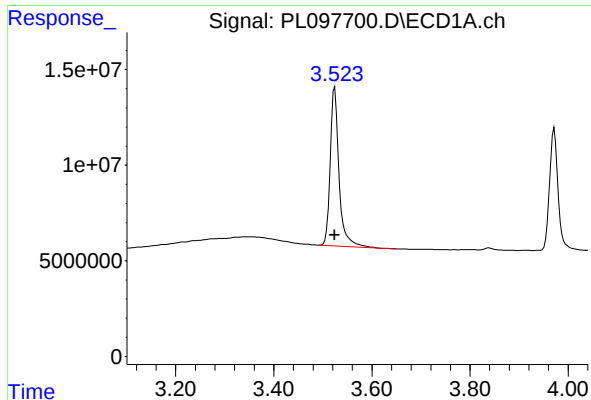
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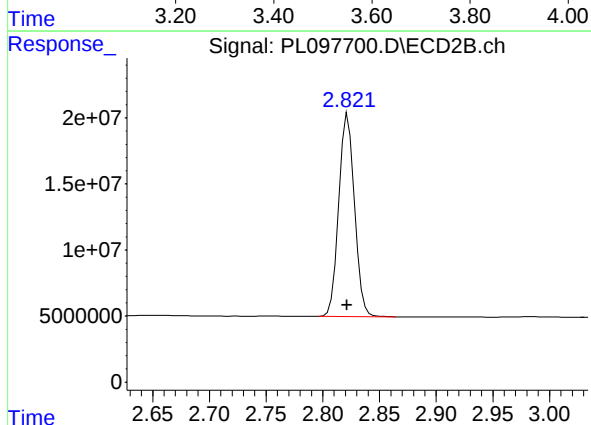
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 104227889
Conc: 25.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

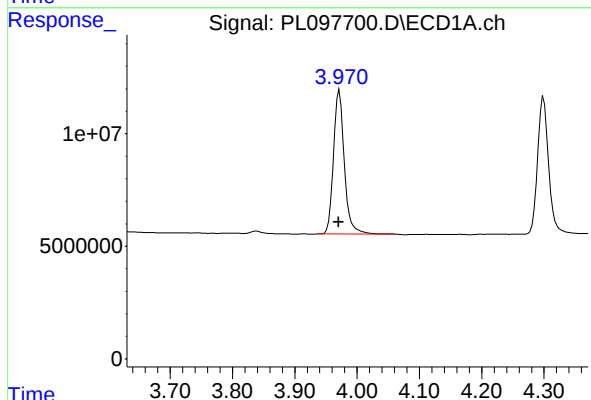
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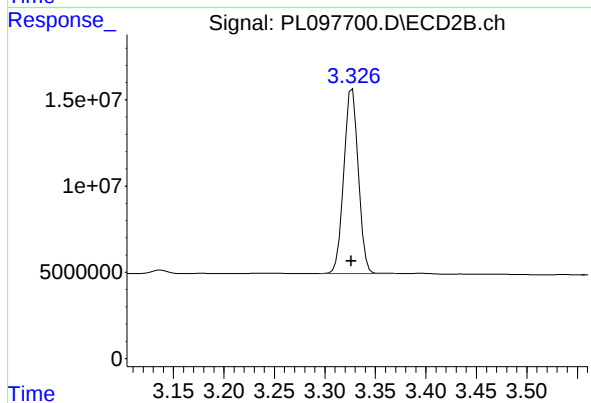
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 147650926
Conc: 24.53 ng/ml



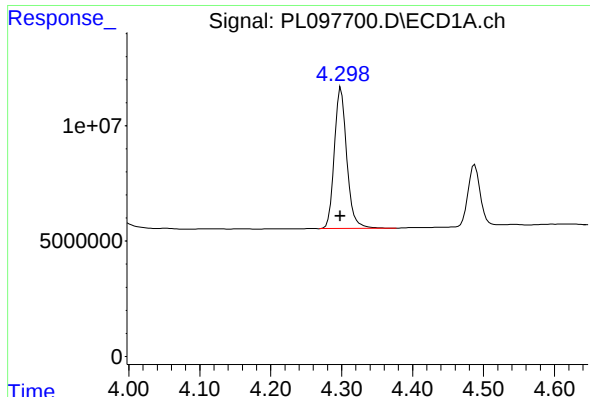
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: 0.001 min
Response: 77193354
Conc: 11.36 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: 0.001 min
Response: 107007368
Conc: 11.00 ng/ml



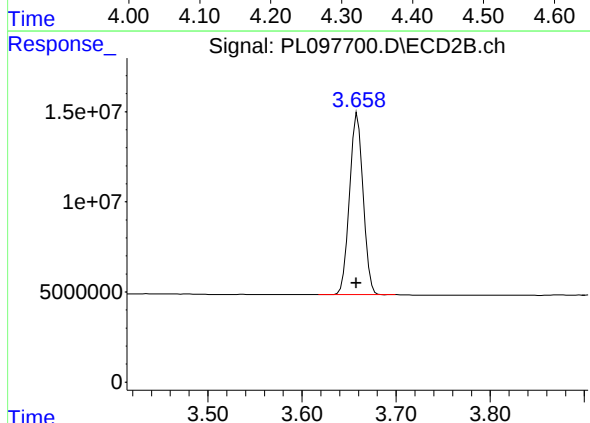
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: 0.001 min
Response: 74597921
Conc: 11.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

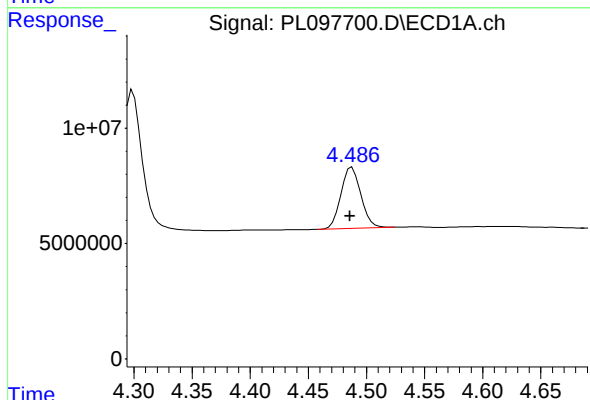
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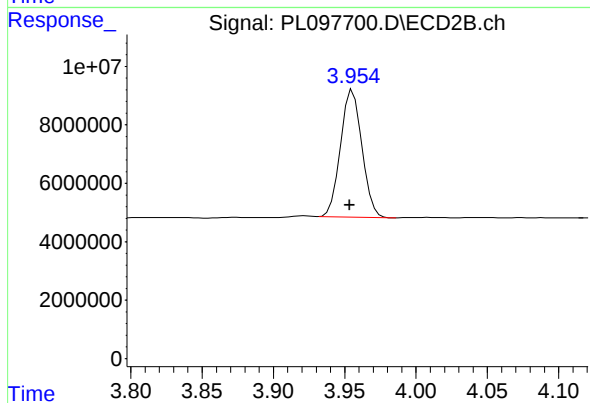
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.001 min
Response: 101175403
Conc: 11.17 ng/ml



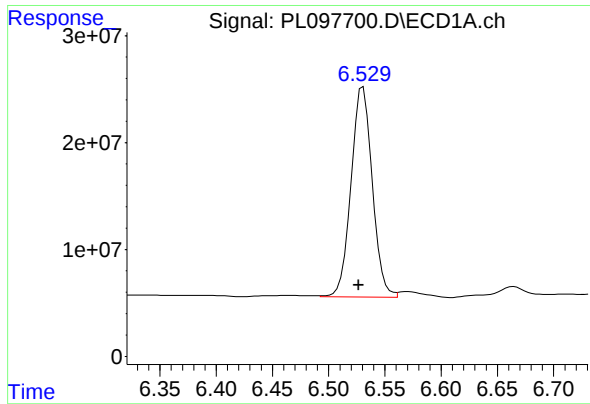
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: 0.002 min
Response: 31603280
Conc: 12.13 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.002 min
Response: 45596129
Conc: 11.54 ng/ml



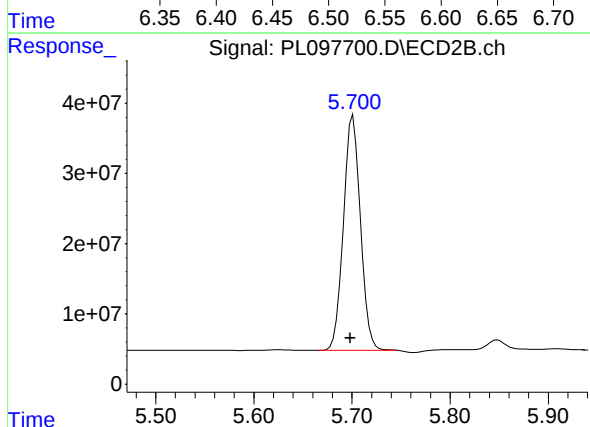
#14 Endrin

R.T.: 6.531 min
Delta R.T.: 0.004 min
Response: 258104866
Conc: 57.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

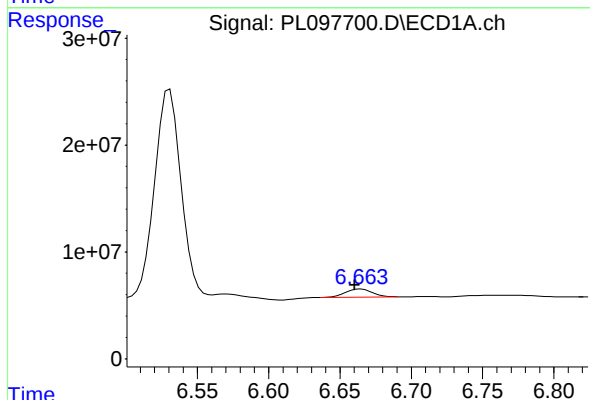
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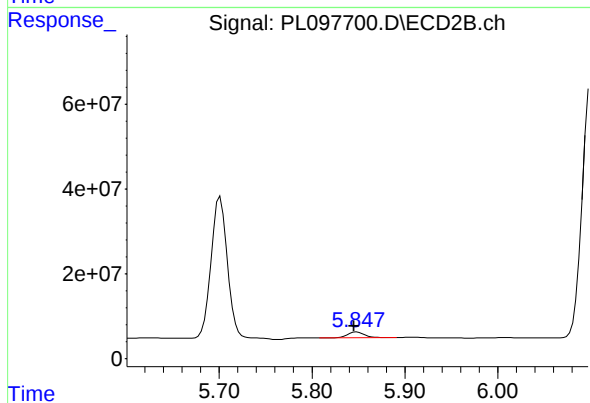
#14 Endrin

R.T.: 5.701 min
Delta R.T.: 0.003 min
Response: 402945986
Conc: 57.59 ng/ml



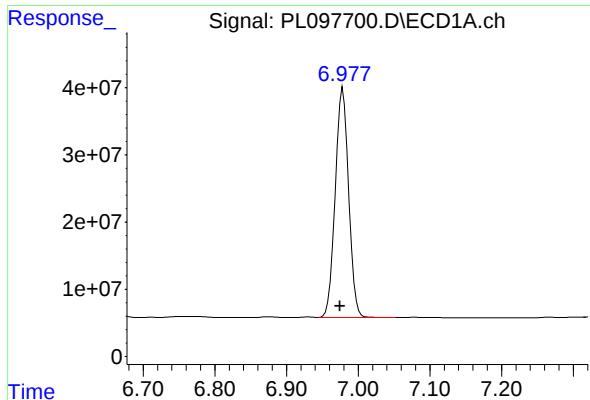
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: 0.003 min
Response: 10284916
Conc: 2.88 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: 0.003 min
Response: 16718271
Conc: 2.61 ng/ml



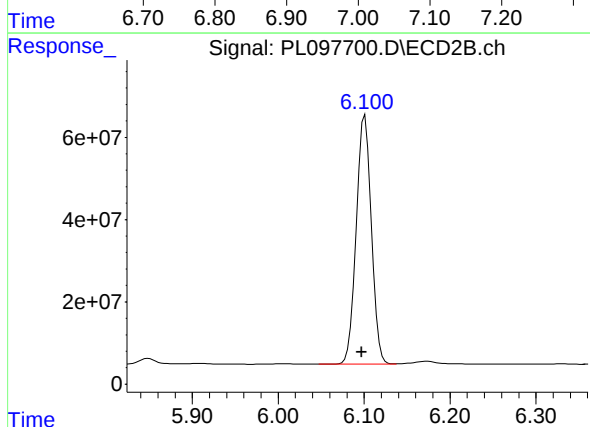
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.005 min
Response: 446580347
Conc: 110.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

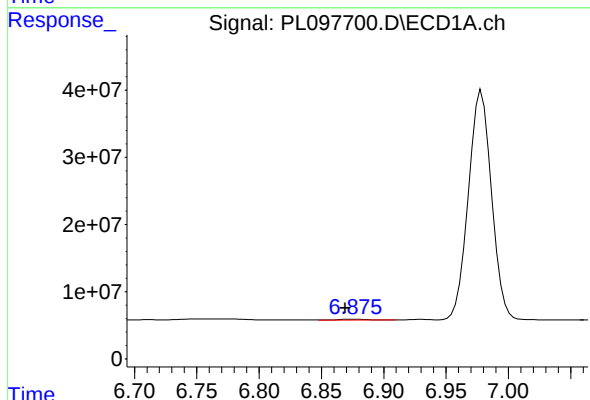
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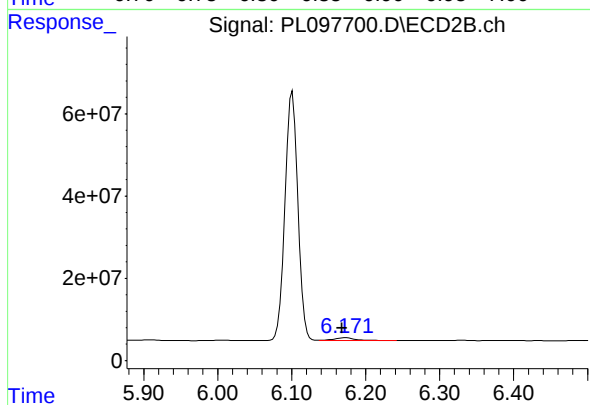
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.004 min
Response: 735100603
Conc: 106.87 ng/ml



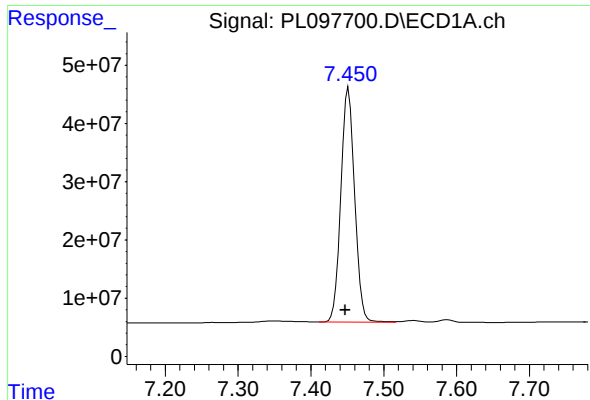
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: 0.006 min
Response: 2077895
Conc: 0.63 ng/ml m



#18 Endrin aldehyde

R.T.: 6.173 min
Delta R.T.: 0.005 min
Response: 13149574
Conc: 2.28 ng/ml



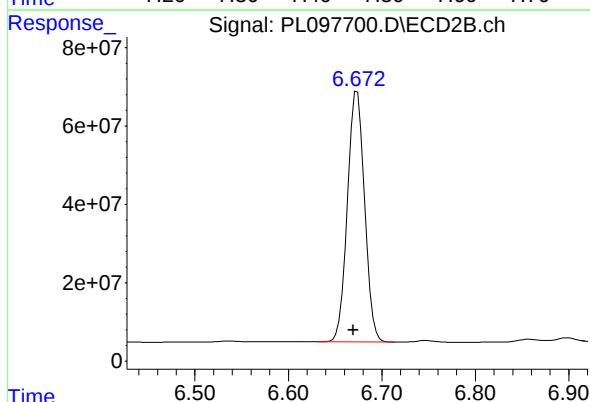
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: 0.004 min
Response: 528778072
Conc: 259.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

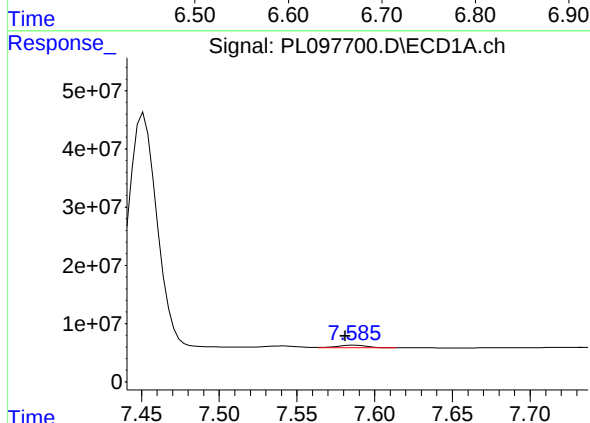
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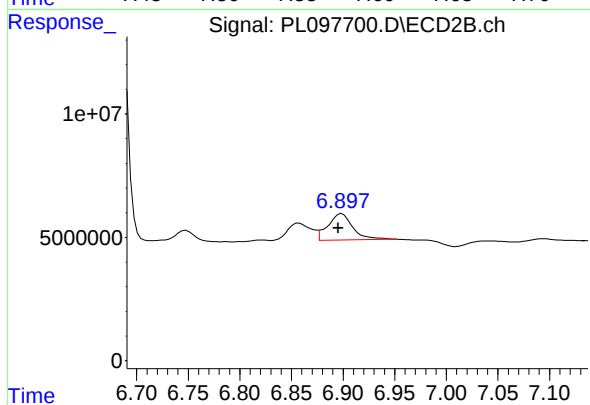
#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: 0.004 min
Response: 818849049
Conc: 220.40 ng/ml



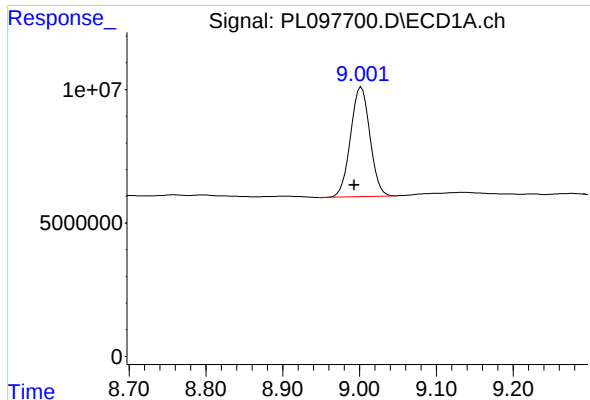
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: 0.006 min
Response: 5596109
Conc: 1.34 ng/ml



#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: 0.003 min
Response: 18097413
Conc: 2.43 ng/ml



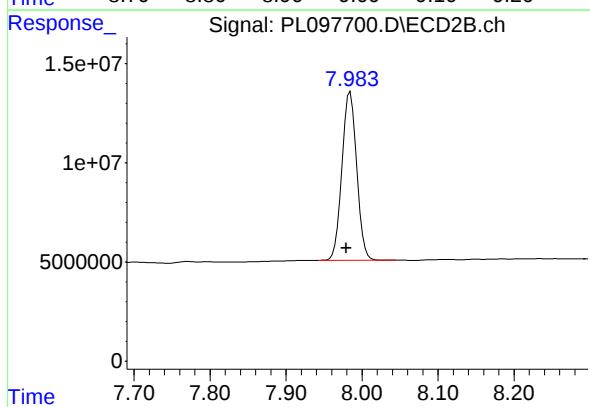
#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: 0.009 min
Response: 71669701
Conc: 24.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.005 min
Response: 114235223
Conc: 21.37 ng/ml