

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090625\
 Data File : PL097064.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2025 09:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/08/2025
 Supervised By : mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 01:43:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.528	2.824	80924818	108.1E6	20.519	19.181
28)	SA Decachlor...	9.002	7.984	61058127	100.9E6	20.623	21.033
Target Compounds							
2)	A alpha-BHC	3.975	3.329	58357165	77736621	10.072	9.467
3)	MA gamma-BHC...	4.303	3.661	56559622	74106277	10.356	10.060
6)	B beta-BHC	4.490	3.957	23930728	34207763	10.464	10.486
14)	MA Endrin	6.534	5.703	190.8E6	292.2E6	50.956	49.460
16)	A 4,4'-DDD	6.667	5.850	10936941	13943836	3.466	2.670
17)	MA 4,4'-DDT	6.981	6.102	343.3E6	554.6E6	98.022	101.248
20)	A Methoxychlor	7.454	6.674	408.5E6	651.0E6	235.373	217.012
21)	B Endrin ke...	7.589	6.899	8898628	24361928	2.503	3.892 #

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

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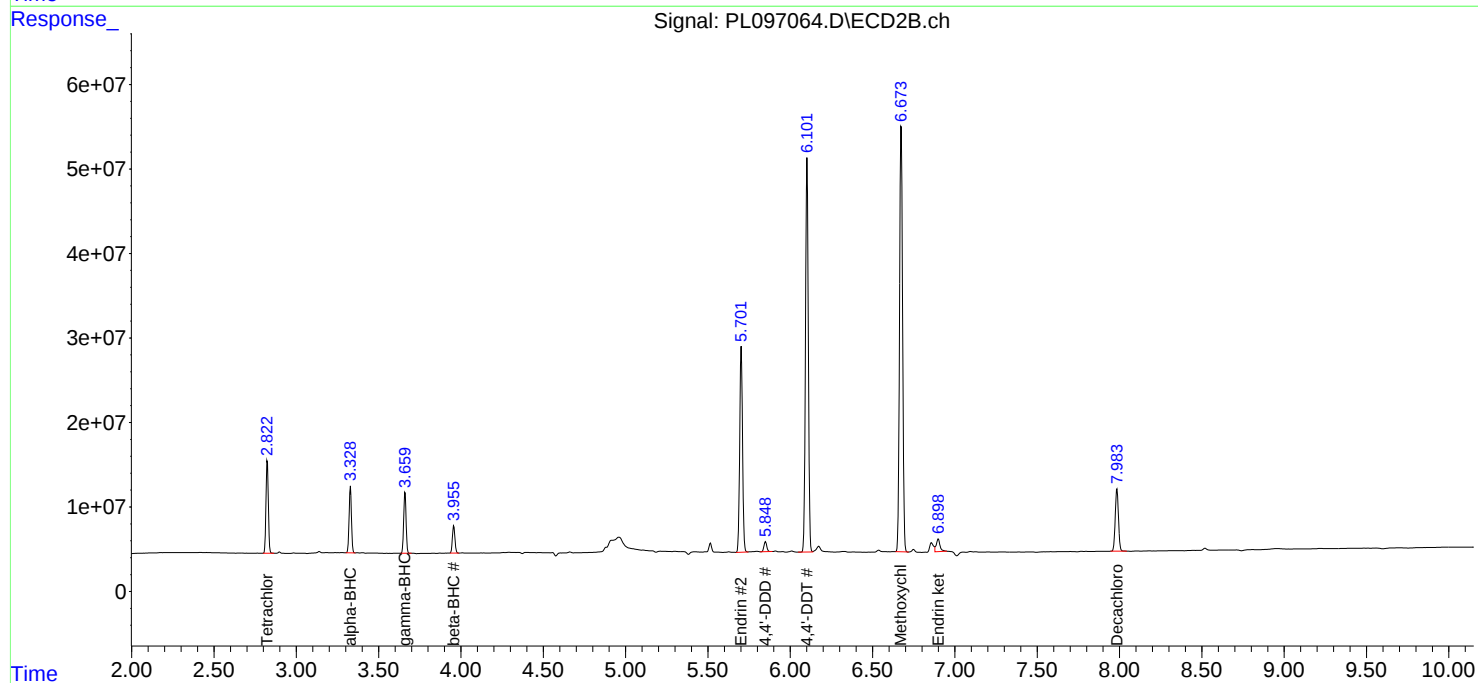
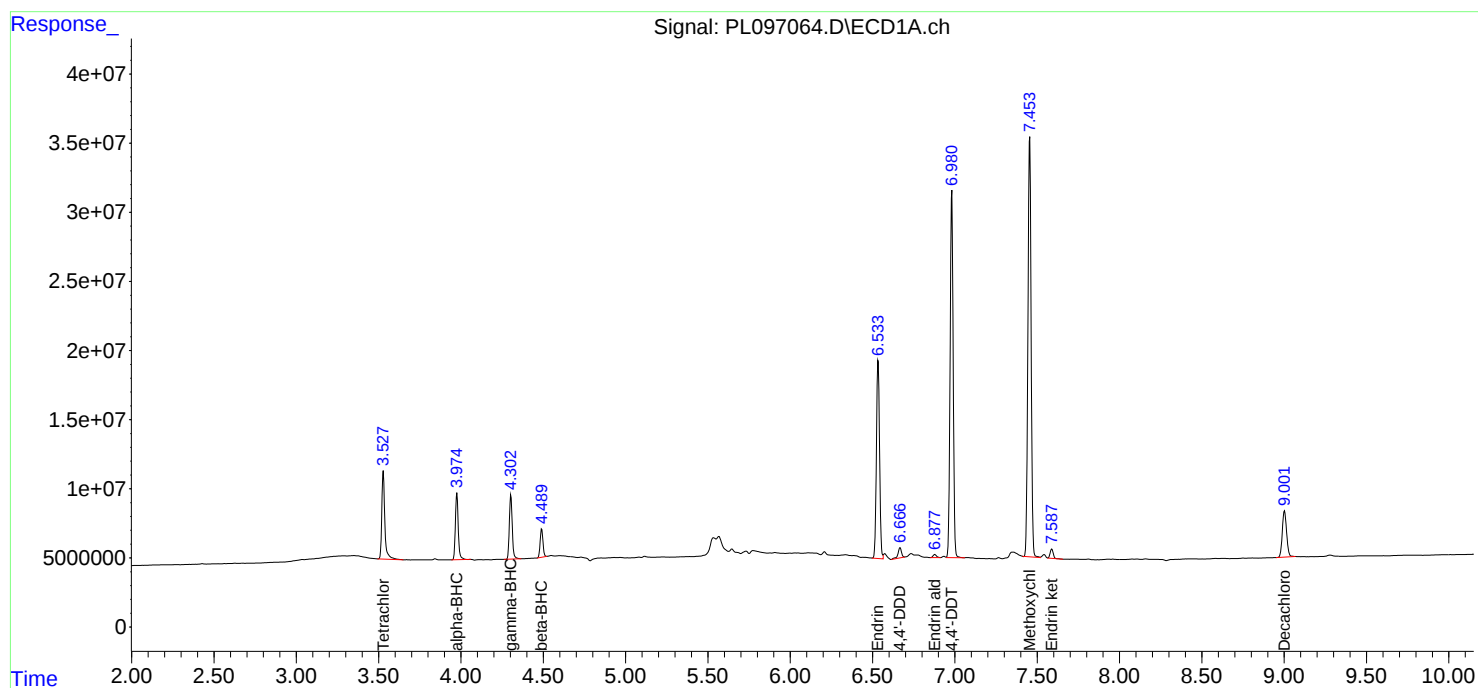
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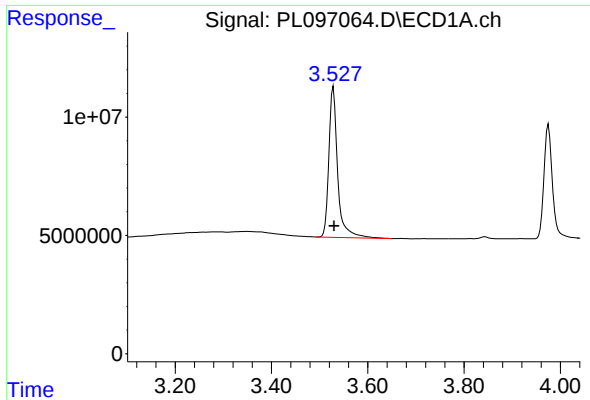
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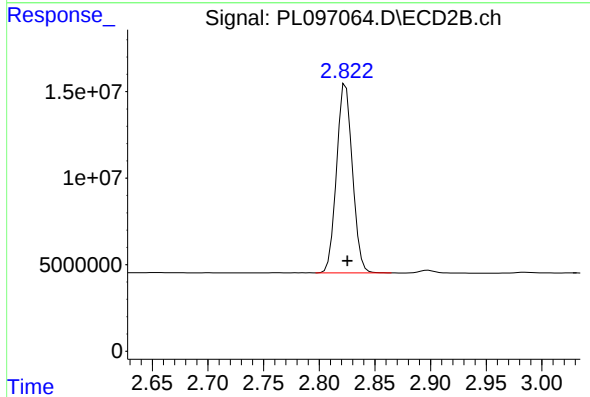
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: -0.002 min
Response: 80924818
Conc: 20.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

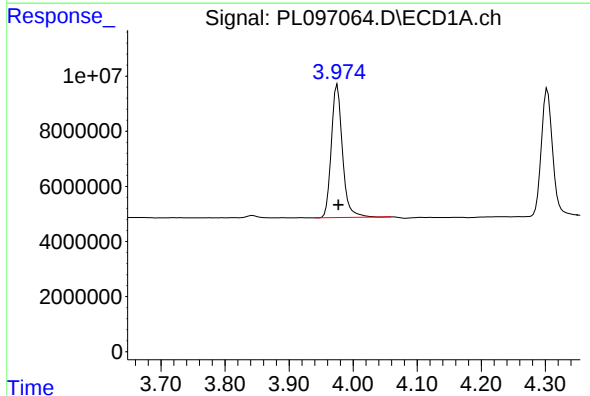
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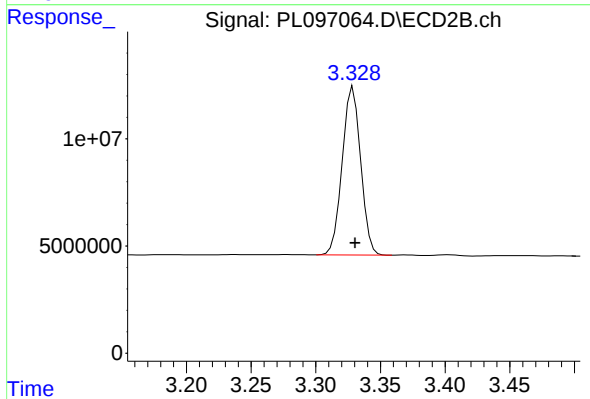
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.001 min
Response: 108118157
Conc: 19.18 ng/ml



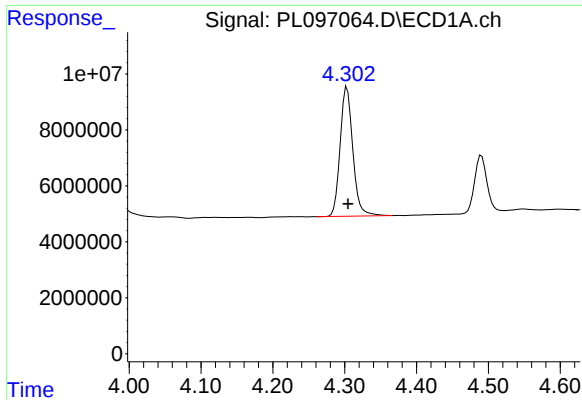
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.002 min
Response: 58357165
Conc: 10.07 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.002 min
Response: 77736621
Conc: 9.47 ng/ml



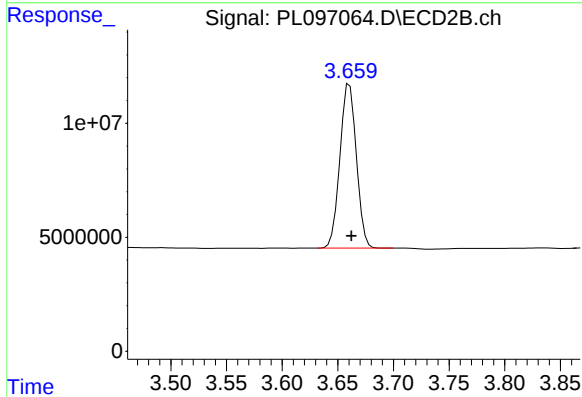
#3 gamma-BHC (Lindane)

R.T.: 4.303 min
Delta R.T.: -0.001 min
Response: 56559622
Conc: 10.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

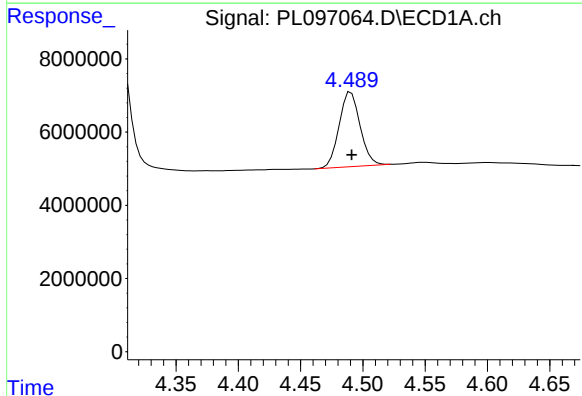
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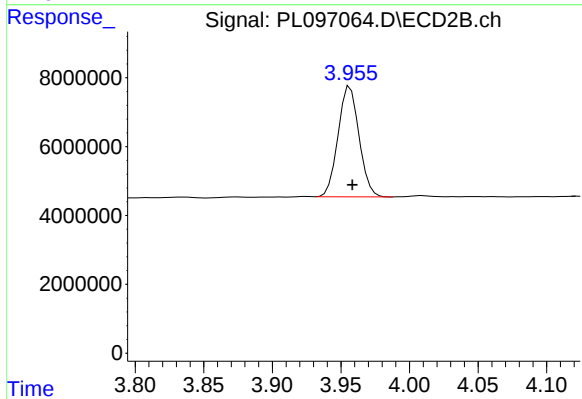
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: -0.002 min
Response: 74106277
Conc: 10.06 ng/ml



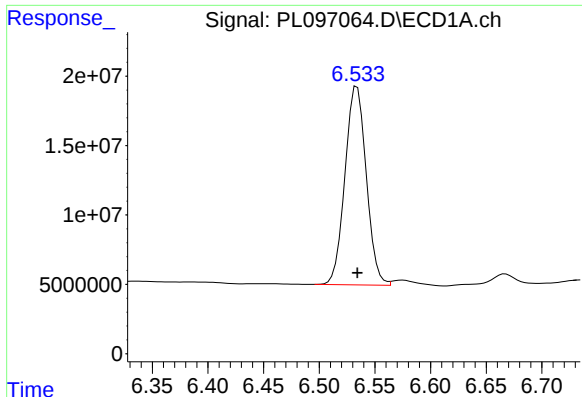
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 23930728
Conc: 10.46 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.001 min
Response: 34207763
Conc: 10.49 ng/ml



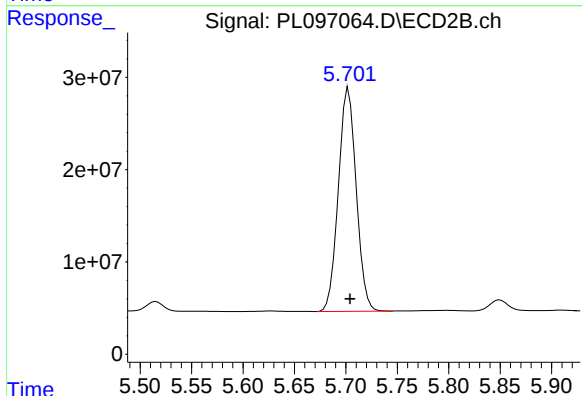
#14 Endrin

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 190823684
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

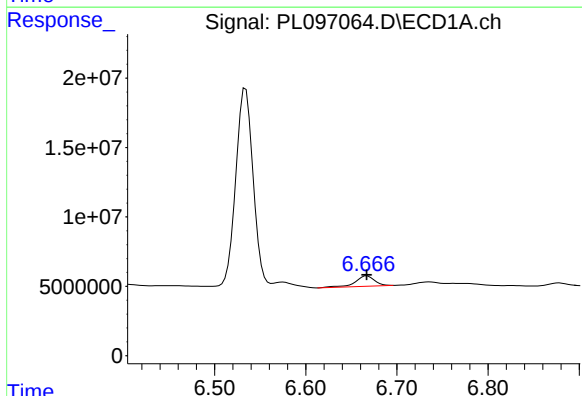
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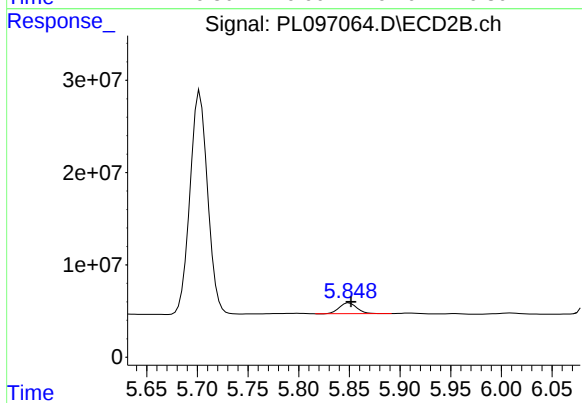
#14 Endrin

R.T.: 5.703 min
Delta R.T.: -0.001 min
Response: 292168441
Conc: 49.46 ng/ml



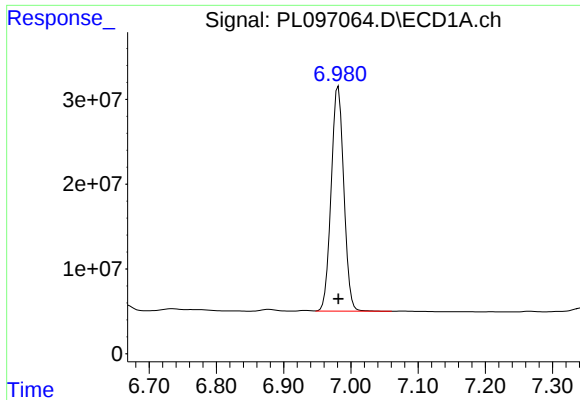
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 10936941
Conc: 3.47 ng/ml



#16 4,4'-DDD

R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 13943836
Conc: 2.67 ng/ml



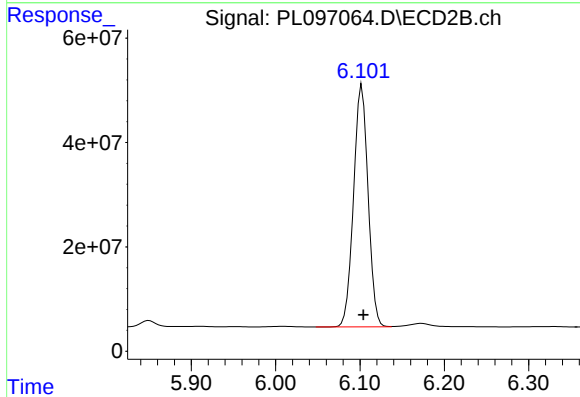
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 343313942
Conc: 98.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

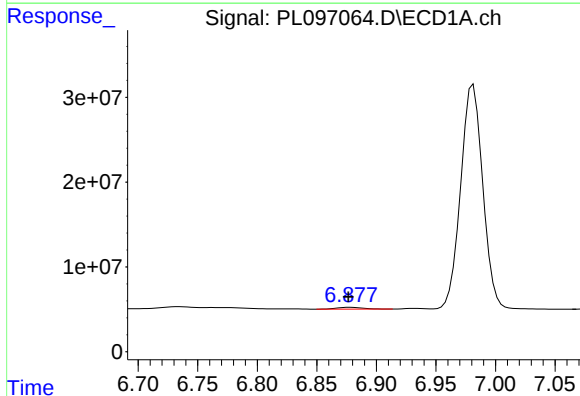
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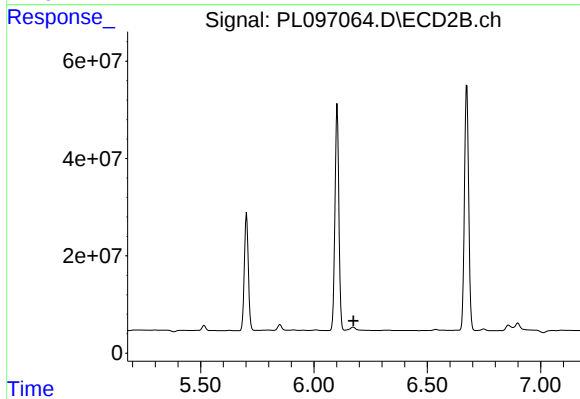
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: -0.002 min
Response: 554563920
Conc: 101.25 ng/ml



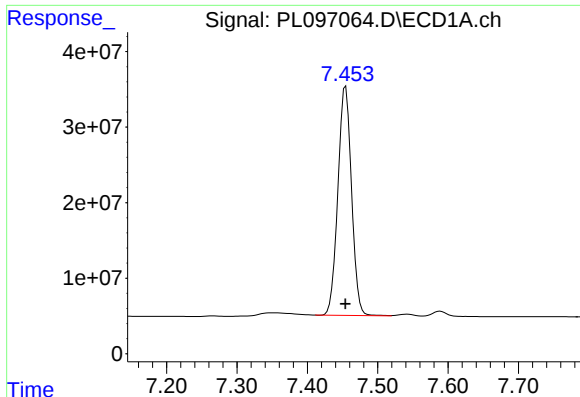
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 3273399
Conc: 1.26 ng/ml m



#18 Endrin aldehyde

R.T.: 6.173 min
Delta R.T.: -0.002 min
Response: 12912759
Conc: N.D.



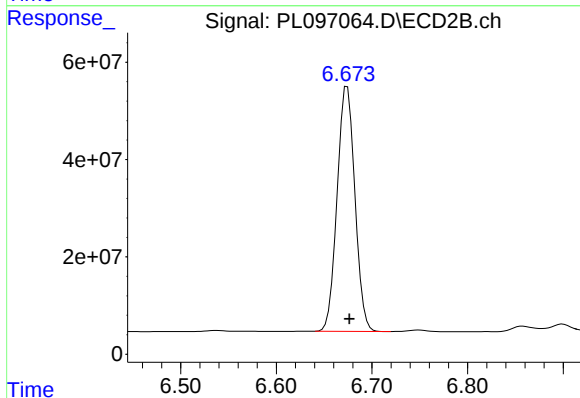
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 408489347
Conc: 235.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

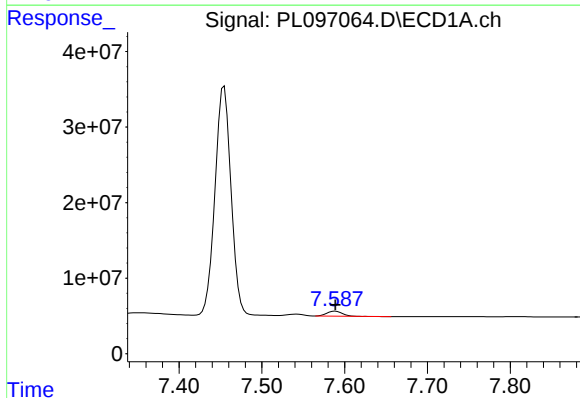
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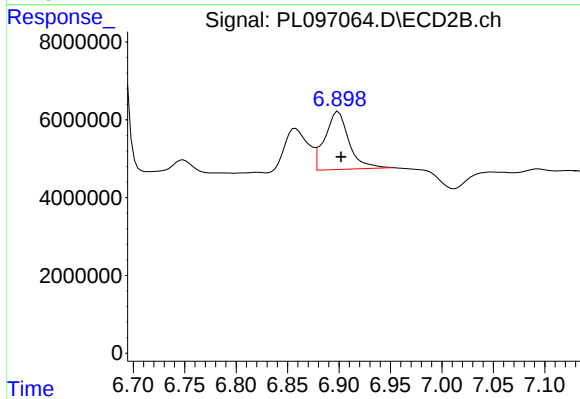
#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 650986510
Conc: 217.01 ng/ml



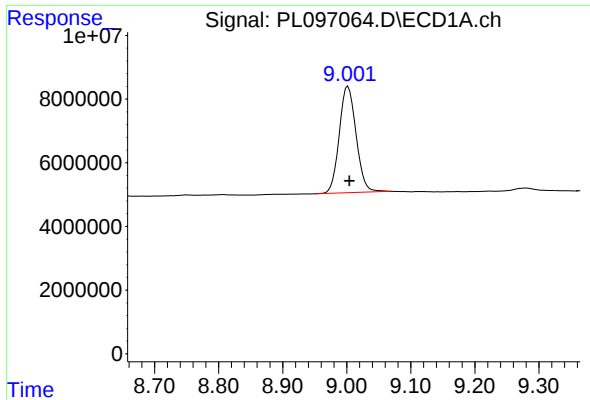
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: 0.000 min
Response: 8898628
Conc: 2.50 ng/ml



#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 24361928
Conc: 3.89 ng/ml



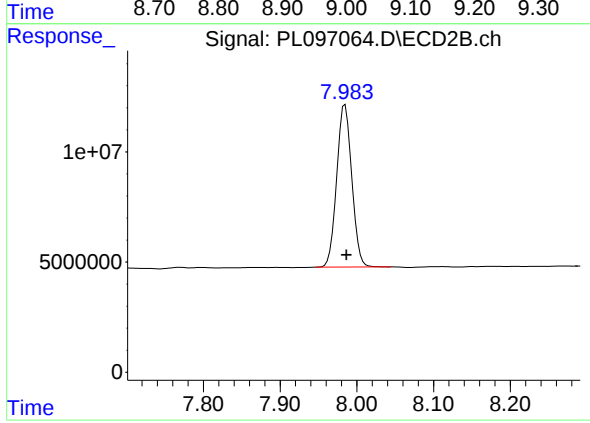
#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.002 min
Response: 61058127
Conc: 20.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: -0.002 min
Response: 100871982
Conc: 21.03 ng/ml