

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121125\
 Data File : PL097840.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2025 11:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/12/2025
 Supervised By : Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 03:10:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 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...	3.498	2.800	121.1E6	166.4E6	24.002	23.827
28)	SA Decachlor...	8.961	7.950	88427115	158.5E6	23.273	24.100
Target Compounds							
2)	A alpha-BHC	3.945	3.302	93309928	123.2E6	11.034	10.741
3)	MA gamma-BHC...	4.273	3.633	89922367	117.7E6	11.217	10.945
6)	B beta-BHC	4.462	3.930	38731079	52572428	11.568	11.339
14)	MA Endrin	6.501	5.670	303.6E6	483.7E6	58.618	57.881
16)	A 4,4'-DDD	6.637	5.818	6916851	14070268	1.493	1.876 #
17)	MA 4,4'-DDT	6.949	6.070	554.8E6	881.3E6	115.815	114.886
18)	B Endrin al...	6.846	6.144	1049028	9831265	0.266m	1.540 #
20)	A Methoxychlor	7.423	6.642	651.0E6	990.8E6	258.643	237.084
21)	B Endrin ke...	7.556	6.865	8543471	14059667	1.644	1.576m

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

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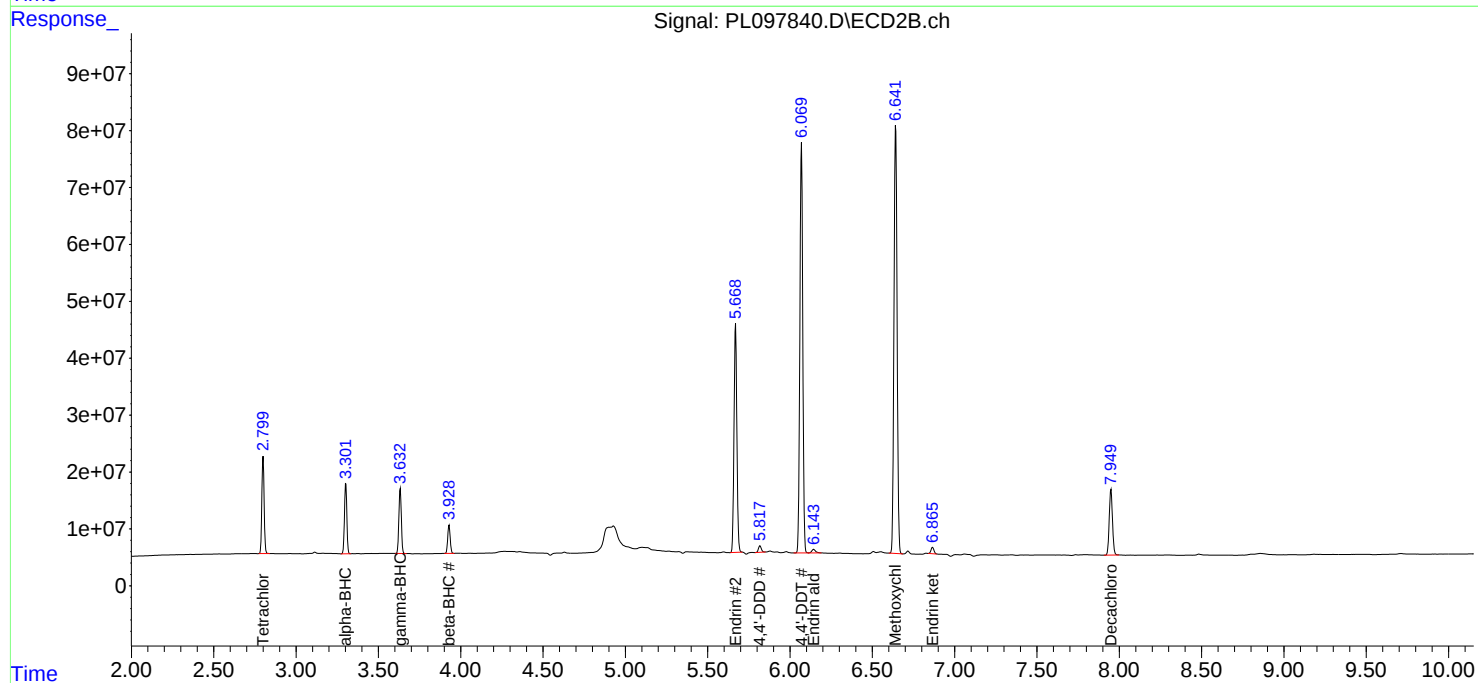
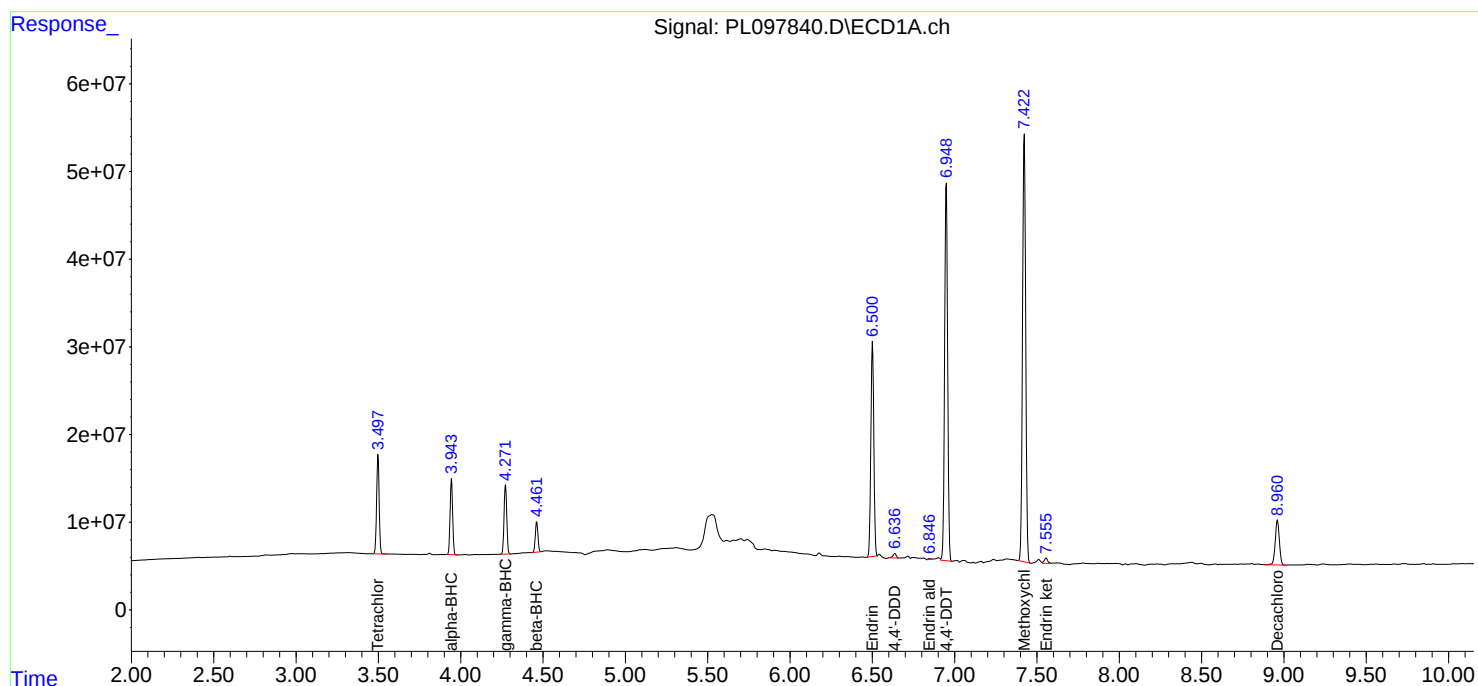
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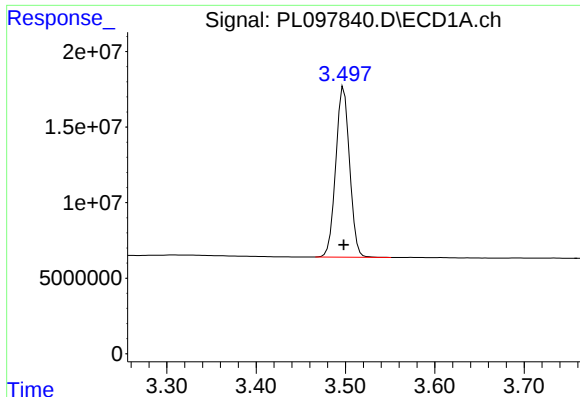
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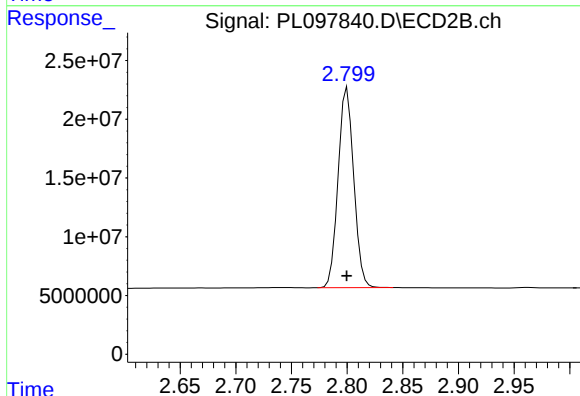
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 121138703
Conc: 24.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

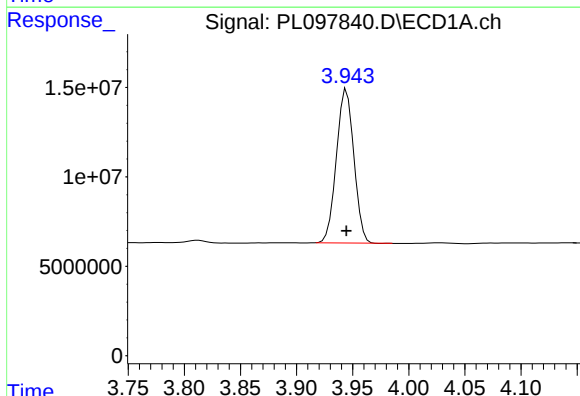
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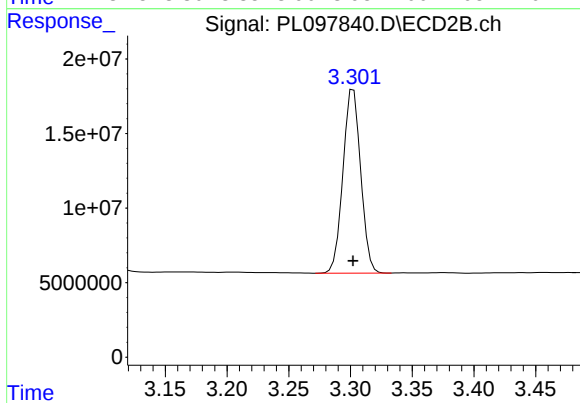
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 166439756
Conc: 23.83 ng/ml



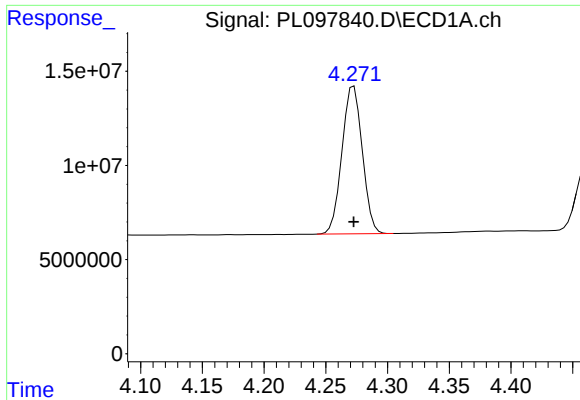
#2 alpha-BHC

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 93309928
Conc: 11.03 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 123234567
Conc: 10.74 ng/ml



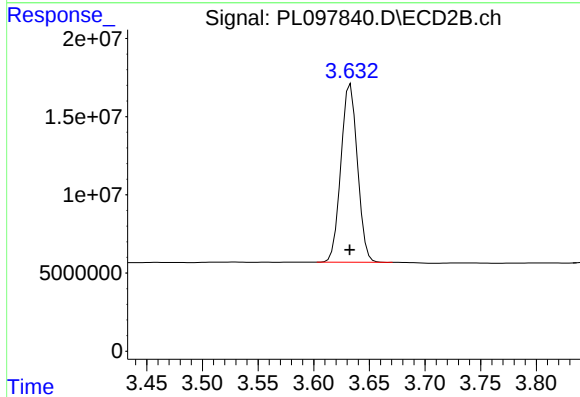
#3 gamma-BHC (Lindane)

R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 89922367
Conc: 11.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

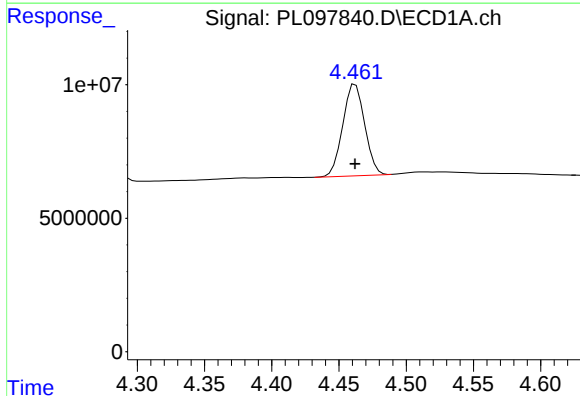
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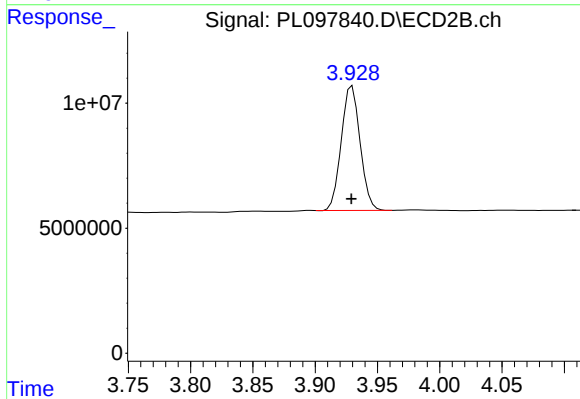
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 117725488
Conc: 10.95 ng/ml



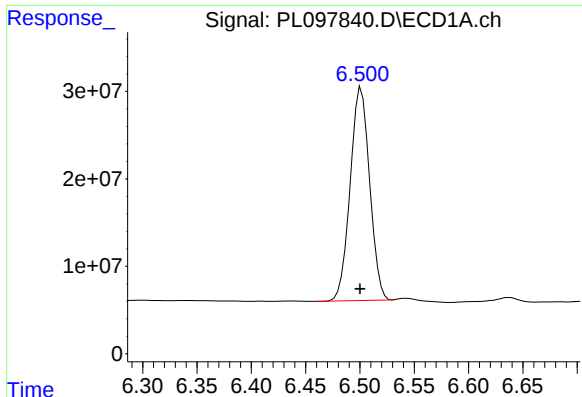
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 38731079
Conc: 11.57 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 52572428
Conc: 11.34 ng/ml



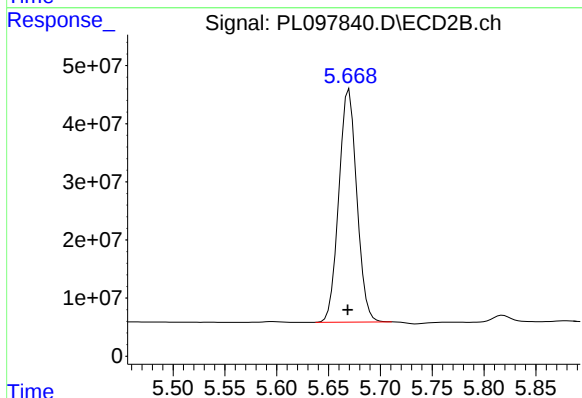
#14 Endrin

R.T.: 6.501 min
Delta R.T.: 0.001 min
Response: 303606990
Conc: 58.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

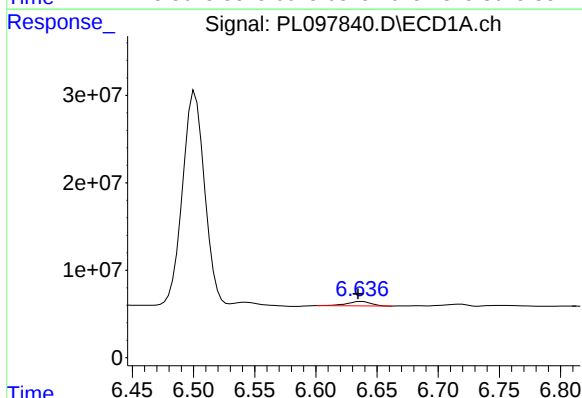
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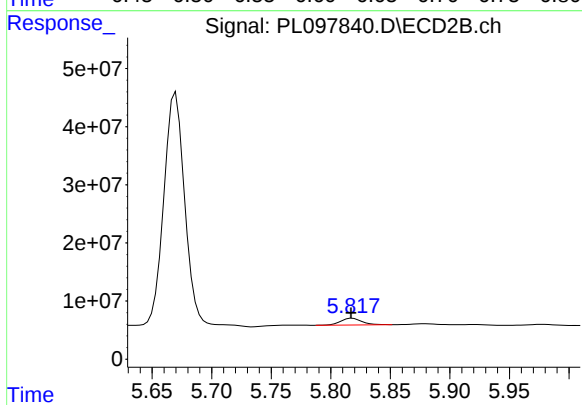
#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 483712429
Conc: 57.88 ng/ml



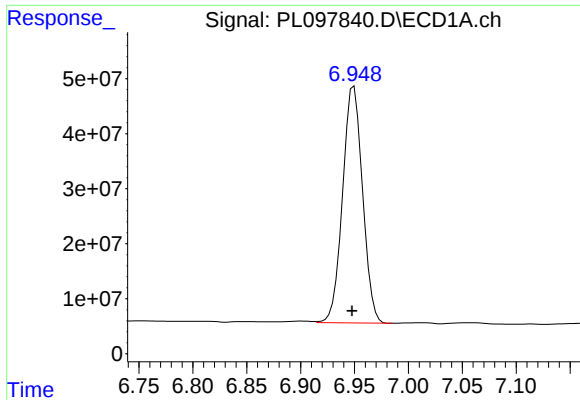
#16 4,4'-DDD

R.T.: 6.637 min
Delta R.T.: 0.003 min
Response: 6916851
Conc: 1.49 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.001 min
Response: 14070268
Conc: 1.88 ng/ml



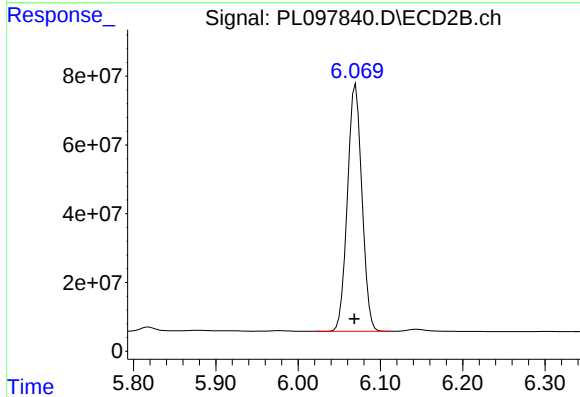
#17 4,4'-DDT

R.T.: 6.949 min
Delta R.T.: 0.002 min
Response: 554792001
Conc: 115.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

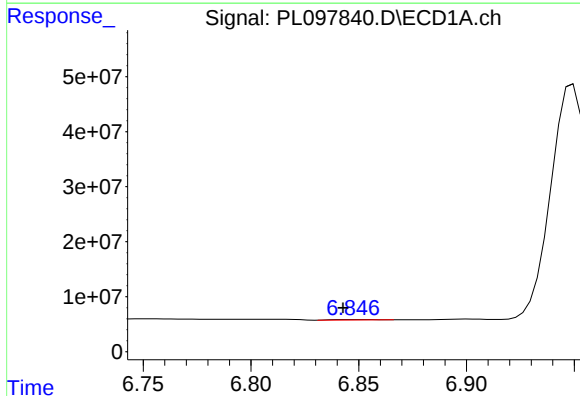
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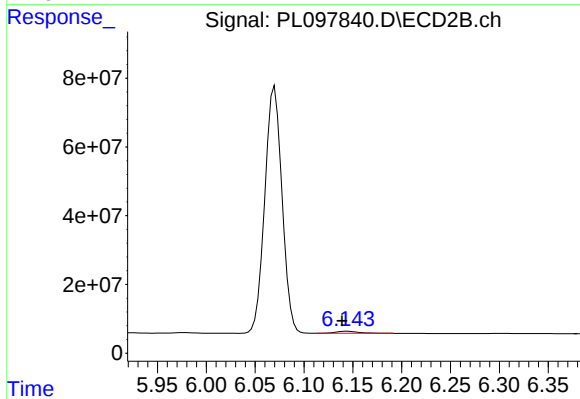
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.001 min
Response: 881253774
Conc: 114.89 ng/ml



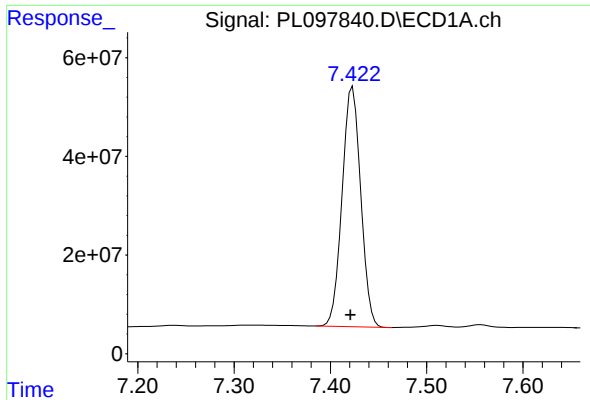
#18 Endrin aldehyde

R.T.: 6.846 min
Delta R.T.: 0.003 min
Response: 1049028
Conc: 0.27 ng/ml m



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.005 min
Response: 9831265
Conc: 1.54 ng/ml



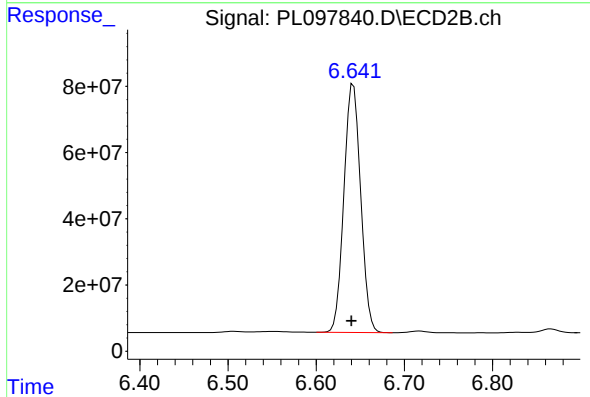
#20 Methoxychlor

R.T.: 7.423 min
Delta R.T.: 0.002 min
Response: 650973117
Conc: 258.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

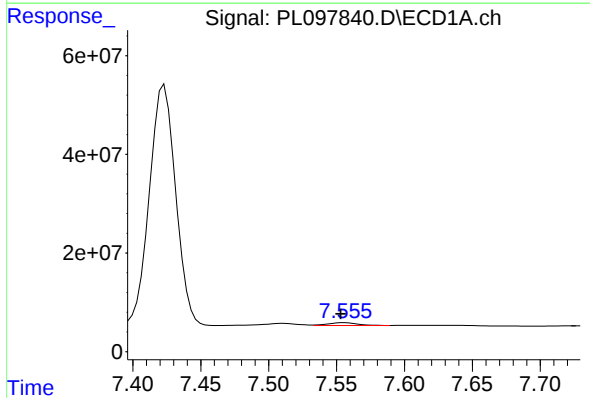
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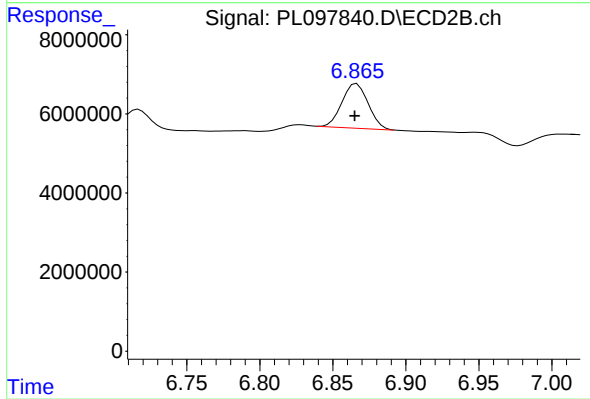
#20 Methoxychlor

R.T.: 6.642 min
Delta R.T.: 0.002 min
Response: 990765509
Conc: 237.08 ng/ml



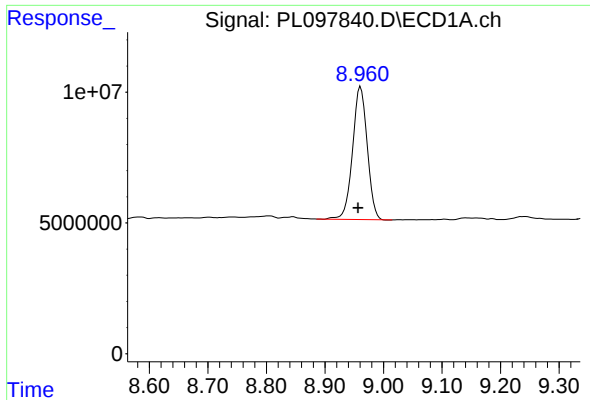
#21 Endrin ketone

R.T.: 7.556 min
Delta R.T.: 0.003 min
Response: 8543471
Conc: 1.64 ng/ml



#21 Endrin ketone

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 14059667
Conc: 1.58 ng/ml m



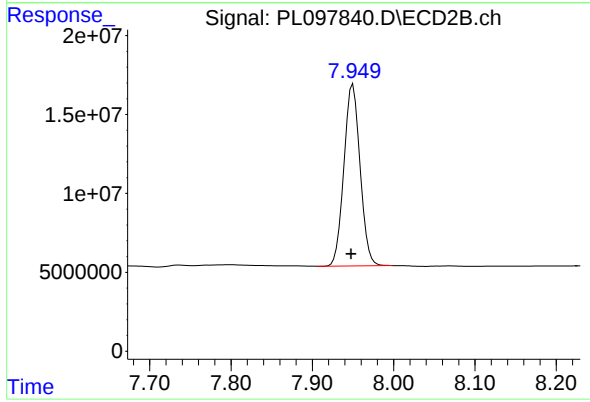
#28 Decachlorobiphenyl

R.T.: 8.961 min
Delta R.T.: 0.004 min
Response: 88427115
Conc: 23.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.002 min
Response: 158483037
Conc: 24.10 ng/ml