

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
 Data File : PL097545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2025 16:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/08/2025
 Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 03:05:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 16:47:00 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...	3.525	2.822	81867641	124.1E6	20.082	20.395
28)	SA Decachlor...	8.996	7.981	64347353	117.5E6	21.639	22.646
Target Compounds							
2)	A alpha-BHC	3.971	3.327	58871733	89226230	8.727	9.043
3)	MA gamma-BHC...	4.299	3.659	57707259	85001423	9.079	9.252
6)	B beta-BHC	4.487	3.955	24020996	38515888	9.291	9.682
14)	MA Endrin	6.528	5.700	212.7E6	351.4E6	47.542	47.472
16)	A 4,4'-DDD	6.662	5.847	9661325	12084864	2.560	1.895 #
17)	MA 4,4'-DDT	6.976	6.099	379.7E6	671.1E6	93.643	100.721
18)	B Endrin al...	6.874	6.170	3276160	16625909	1.000m	2.887 #
20)	A Methoxychlor	7.449	6.671	462.2E6	786.9E6	221.264	215.883
21)	B Endrin ke...	7.583	6.896	5399504	18656941	1.261	2.362 #

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

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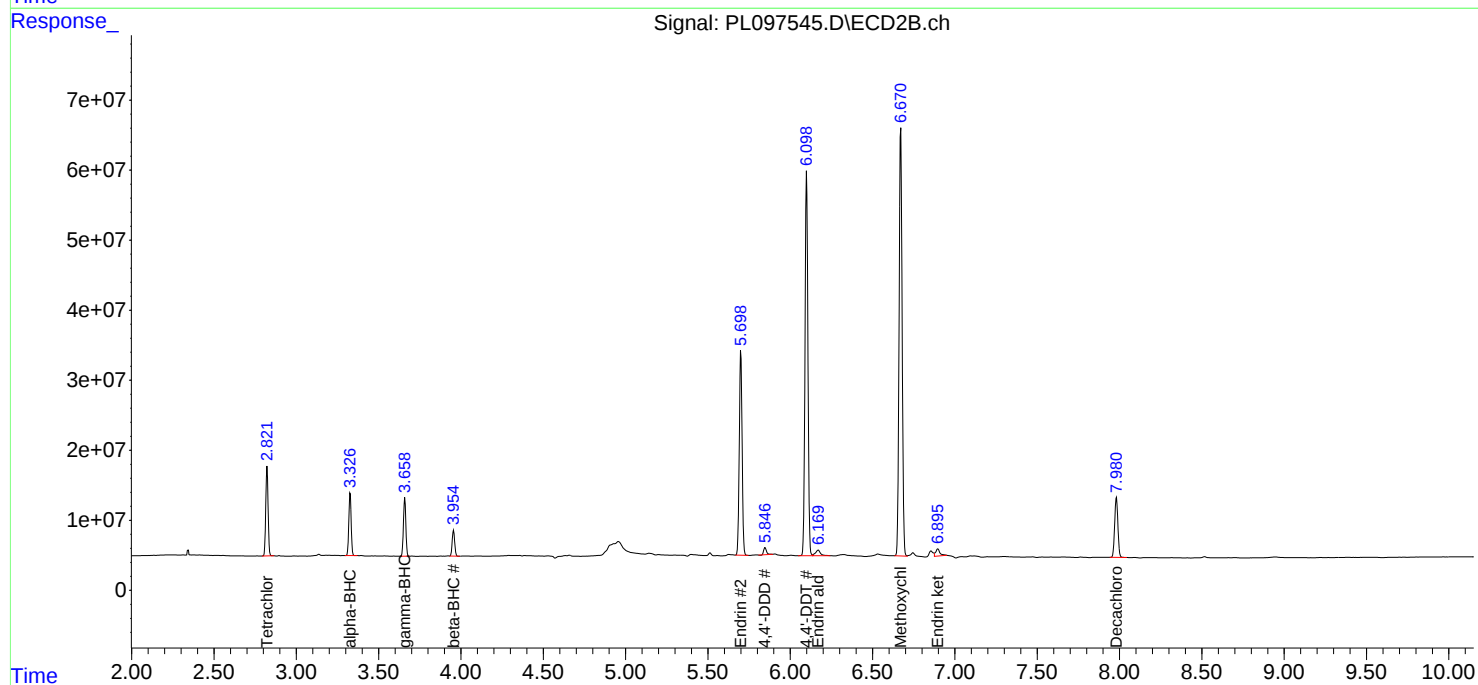
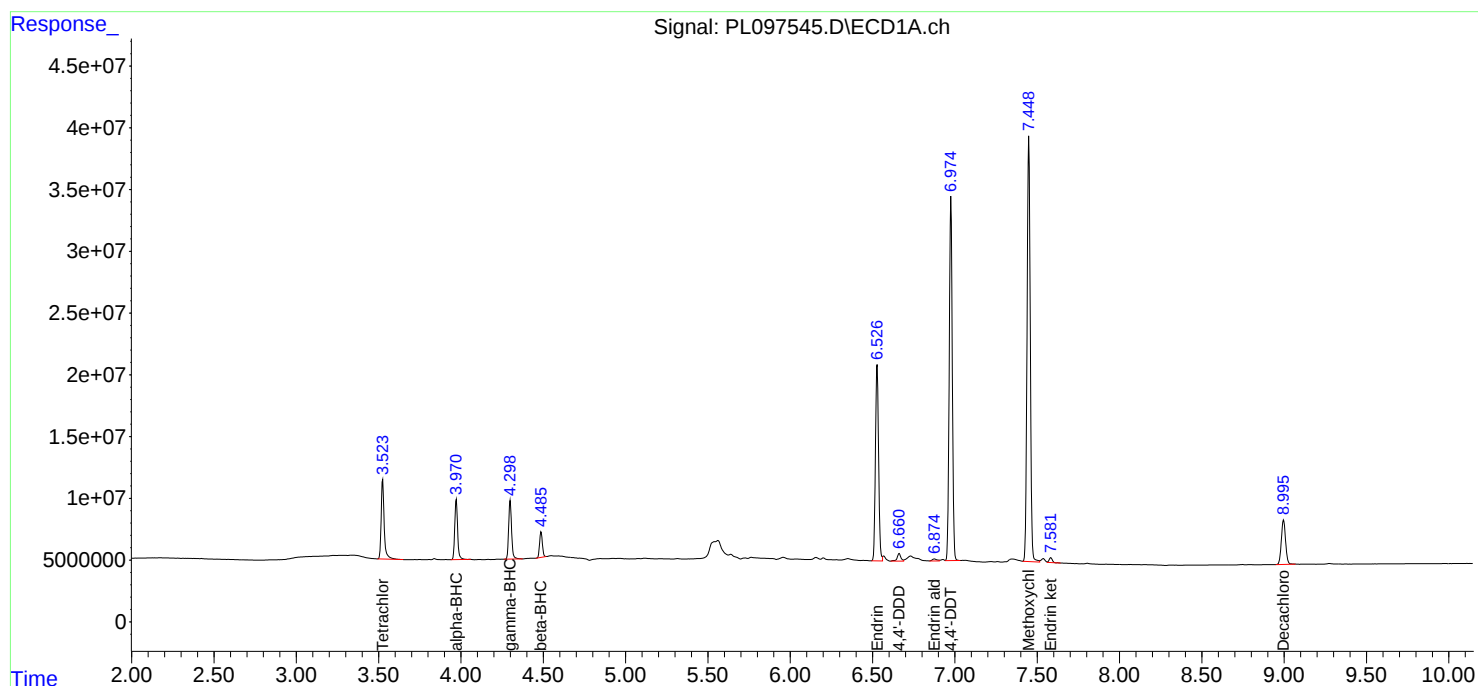
Instrument :
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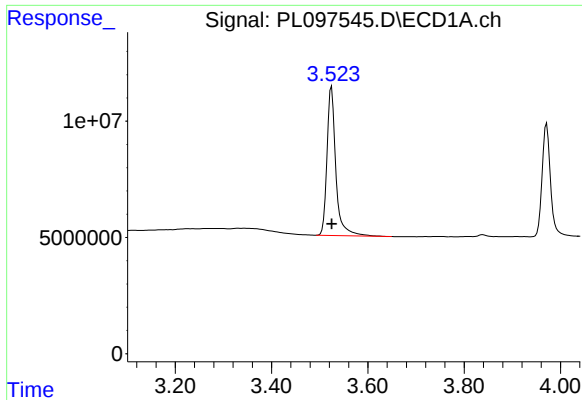
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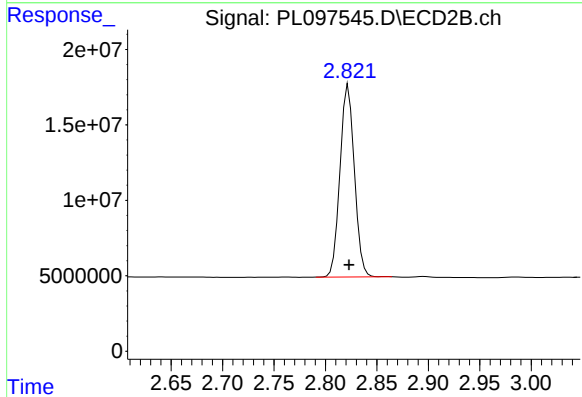
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: 0.000 min
Response: 81867641
Conc: 20.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

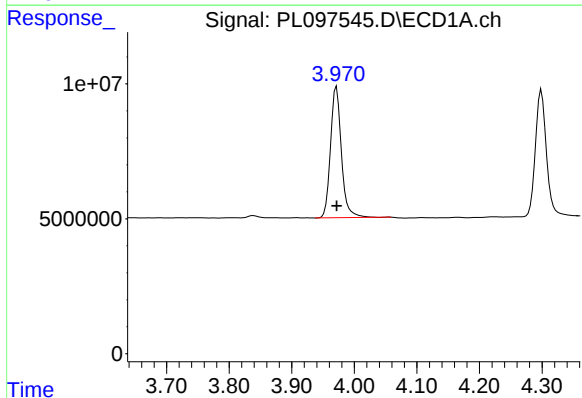
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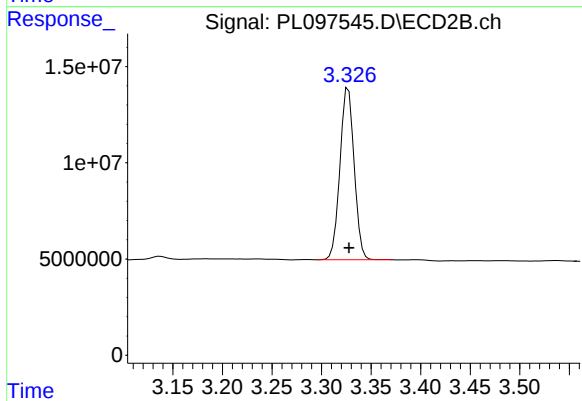
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 124135036
Conc: 20.40 ng/ml



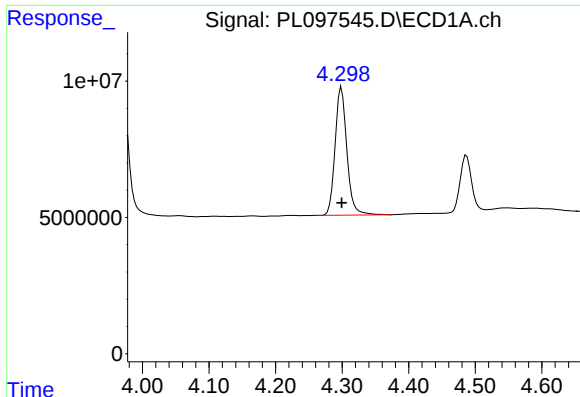
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 58871733
Conc: 8.73 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 89226230
Conc: 9.04 ng/ml



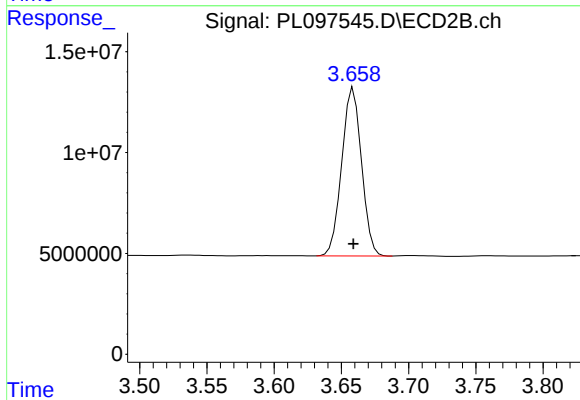
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 57707259
Conc: 9.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

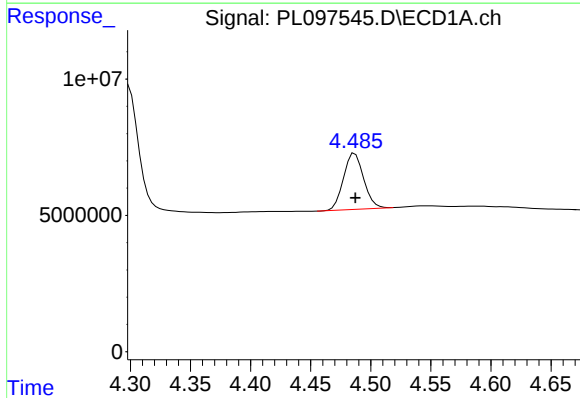
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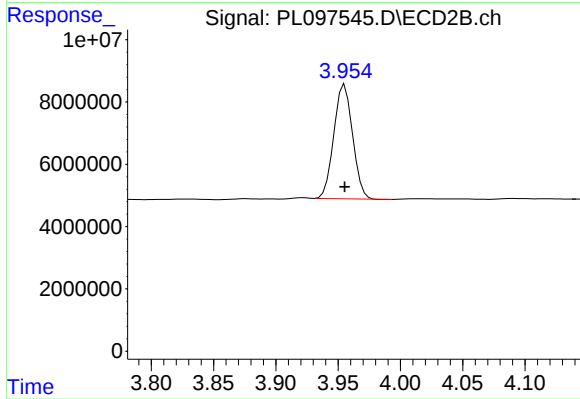
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 85001423
Conc: 9.25 ng/ml



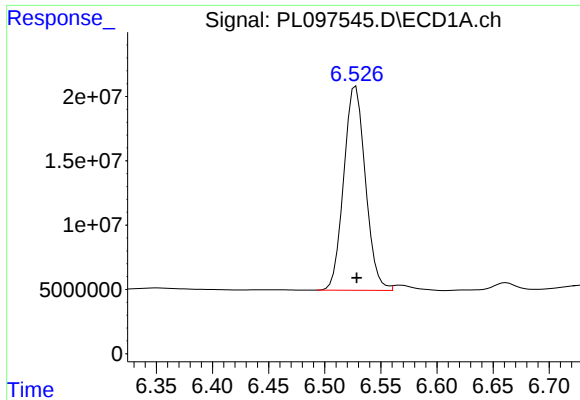
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 24020996
Conc: 9.29 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 38515888
Conc: 9.68 ng/ml



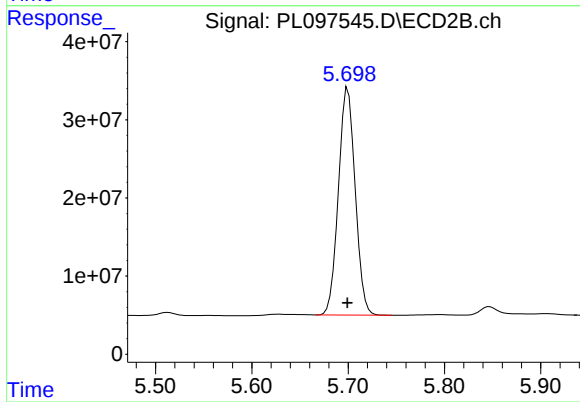
#14 Endrin

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 212716650
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

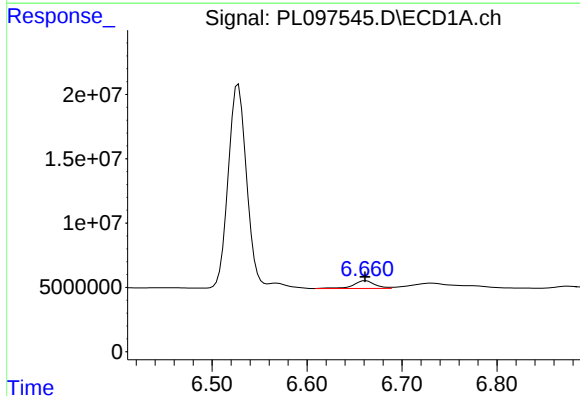
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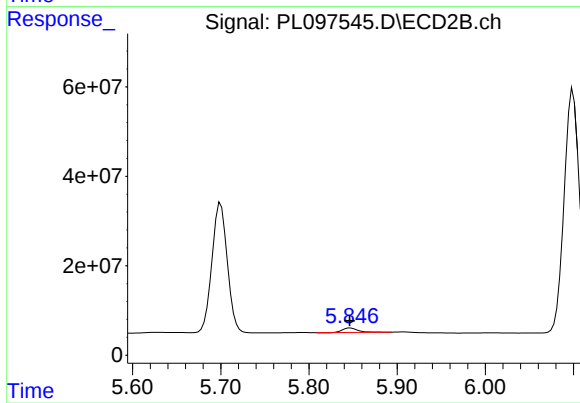
#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 351364106
Conc: 47.47 ng/ml



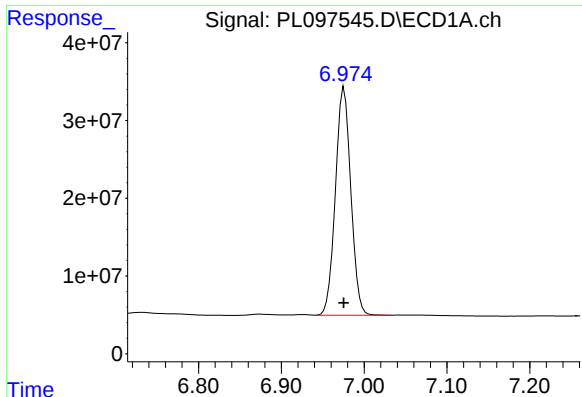
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 9661325
Conc: 2.56 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 12084864
Conc: 1.89 ng/ml



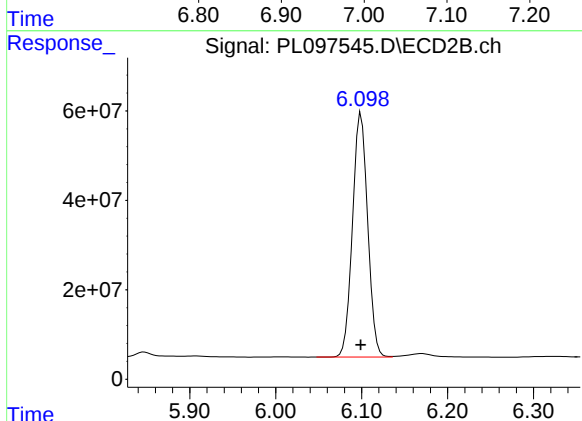
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 379693125
Conc: 93.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

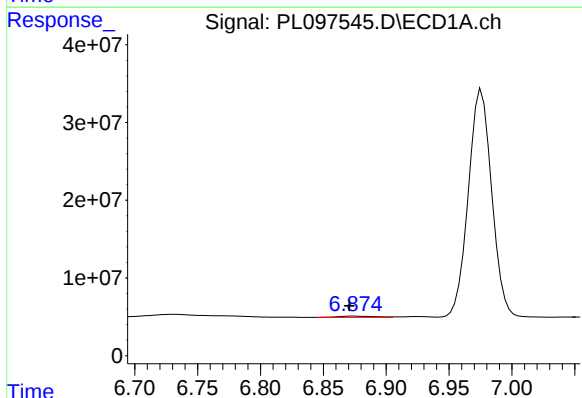
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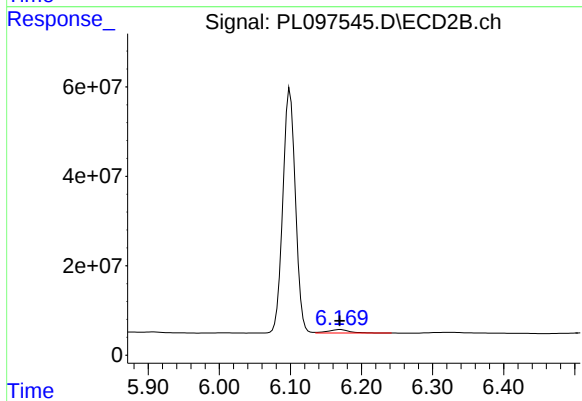
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 671141641
Conc: 100.72 ng/ml



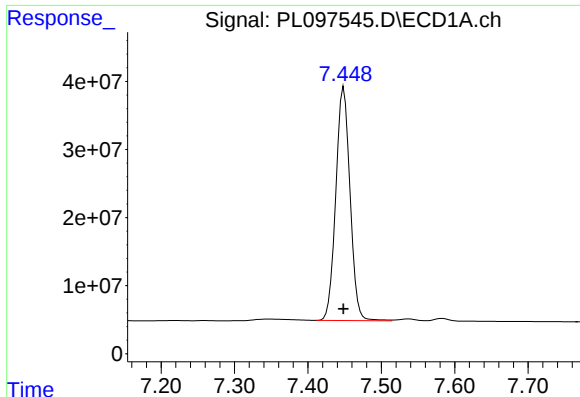
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.003 min
Response: 3276160
Conc: 1.00 ng/ml m



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 16625909
Conc: 2.89 ng/ml



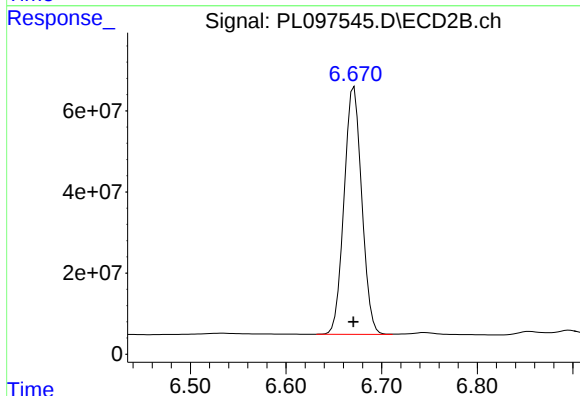
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 462219720
Conc: 221.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

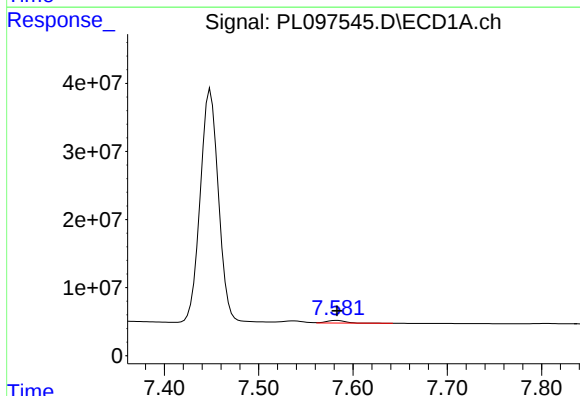
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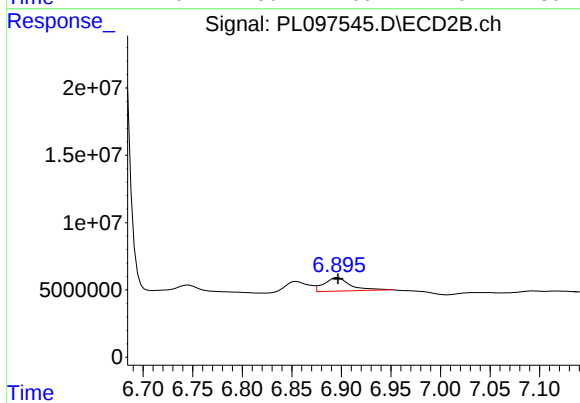
#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 786940473
Conc: 215.88 ng/ml



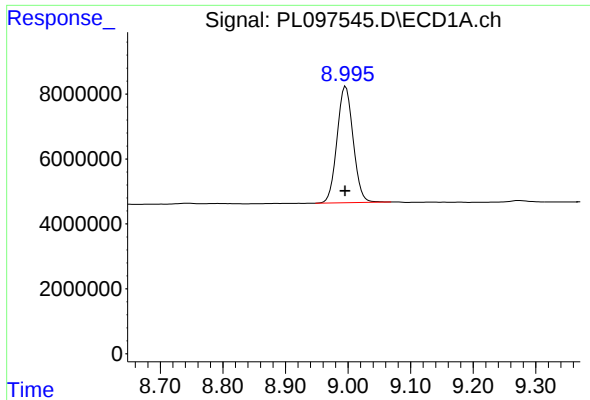
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: 0.000 min
Response: 5399504
Conc: 1.26 ng/ml



#21 Endrin ketone

R.T.: 6.896 min
Delta R.T.: 0.000 min
Response: 18656941
Conc: 2.36 ng/ml



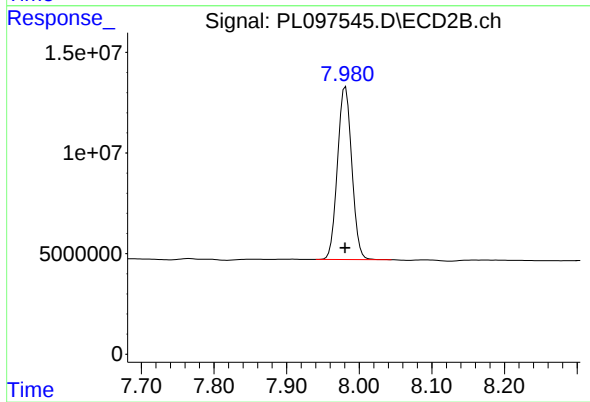
#28 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 64347353
Conc: 21.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: 0.000 min
Response: 117511315
Conc: 22.65 ng/ml