

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112525\
 Data File : PL097736.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2025 10:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 18:00:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 25 17:56:07 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...	3.504	2.802	94098209	129.9E6	18.365	18.158
28)	SA Decachlor...	8.969	7.951	63476955	91195048	19.777	19.375
Target Compounds							
2)	A alpha-BHC	3.951	3.306	69766974	92571468	8.224	8.082
3)	MA gamma-BHC...	4.280	3.636	65725279	84213149	8.432	8.204
6)	B beta-BHC	4.469	3.933	30702270	38121176	9.403	8.617
14)	MA Endrin	6.508	5.672	200.9E6	326.6E6	43.650	42.490
16)	A 4,4'-DDD	6.643	5.820	11145097	17489076	2.618	2.585
17)	MA 4,4'-DDT	6.956	6.072	338.2E6	472.6E6	92.695	95.903
18)	B Endrin al...	6.849	6.146	1637248	18516884	0.451m	3.400 #
20)	A Methoxychlor	7.429	6.644	420.3E6	577.5E6	222.723	214.985
21)	B Endrin ke...	7.562	6.868	4472190	10081015	1.025	1.384 #

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

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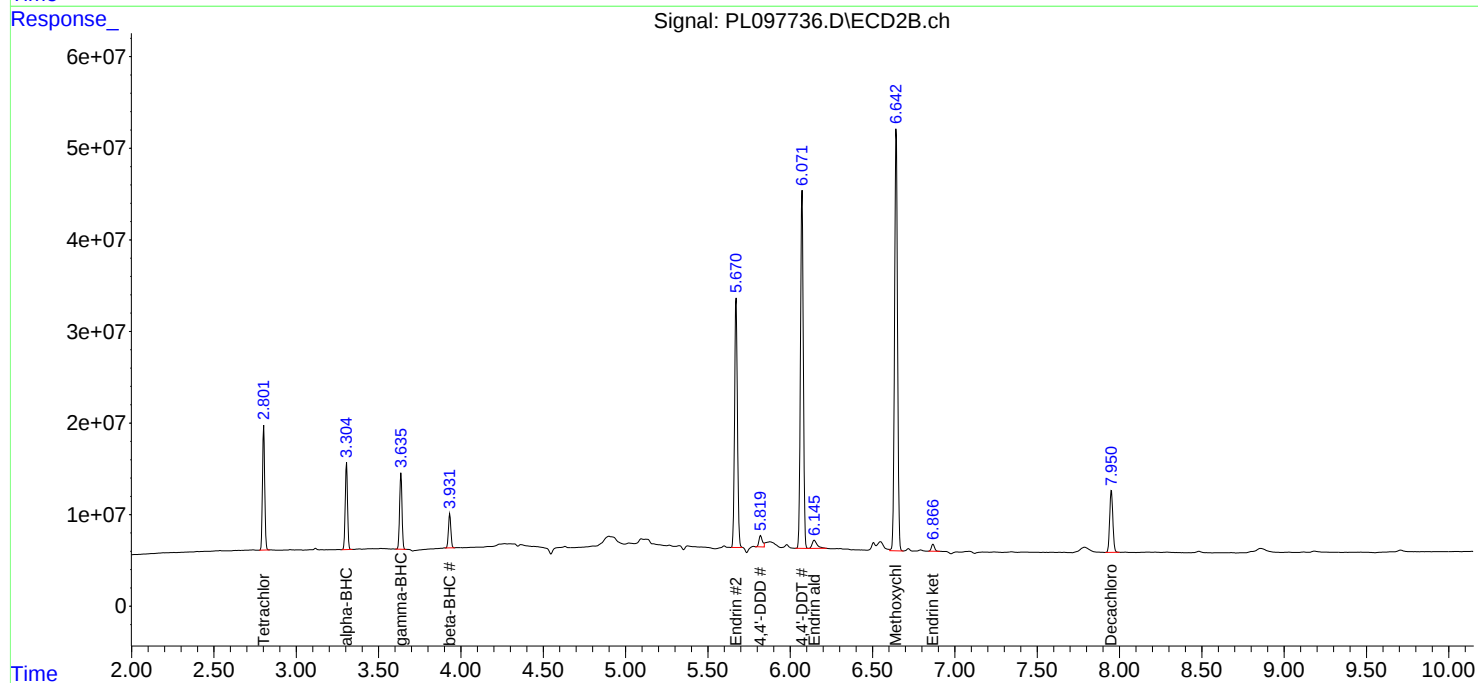
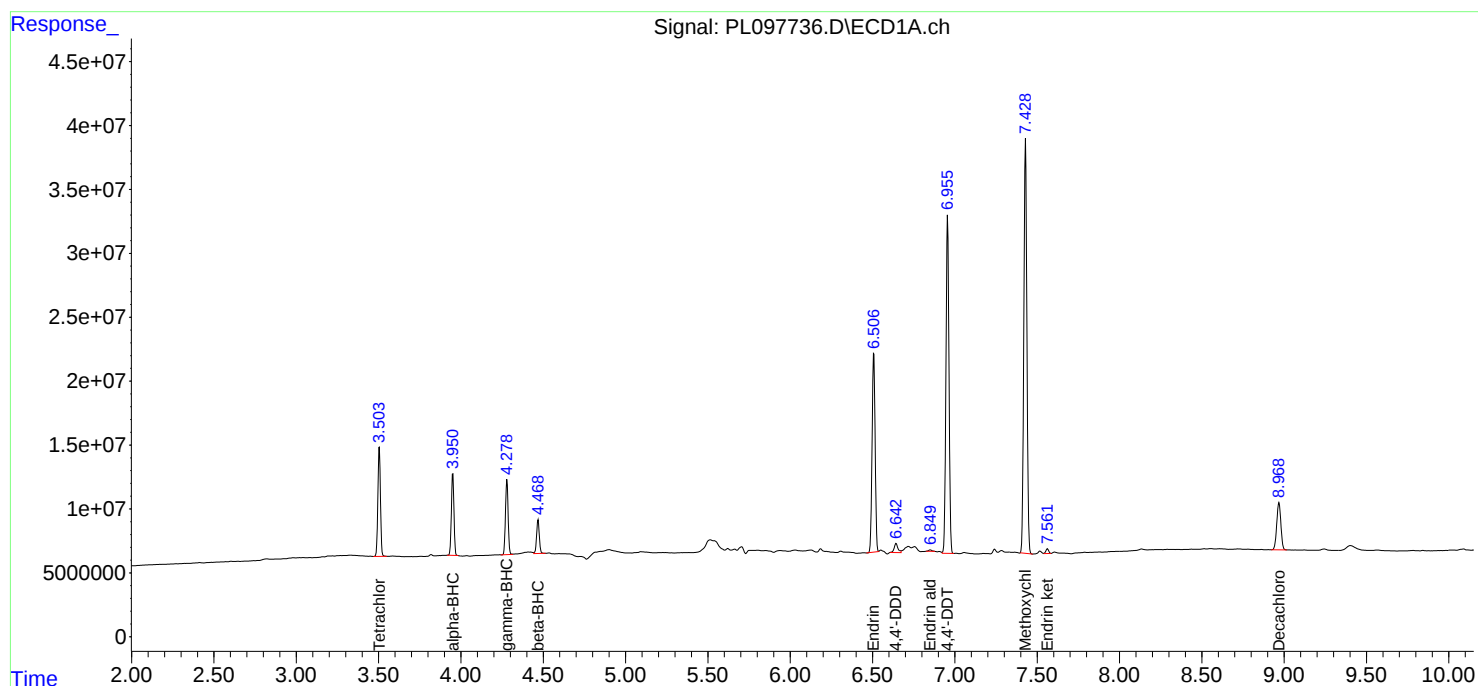
Instrument :
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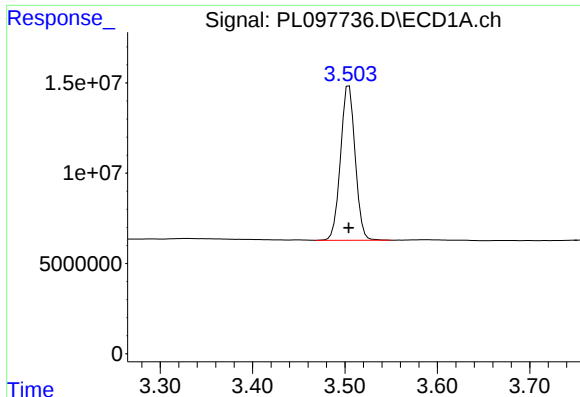
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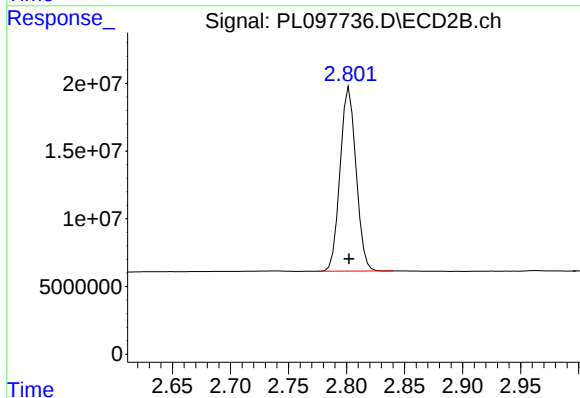
#1 Tetrachloro-m-xylene

R.T.: 3.504 min
Delta R.T.: 0.000 min
Response: 94098209
Conc: 18.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

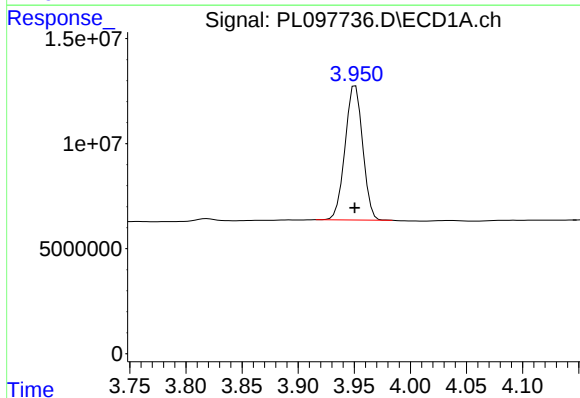
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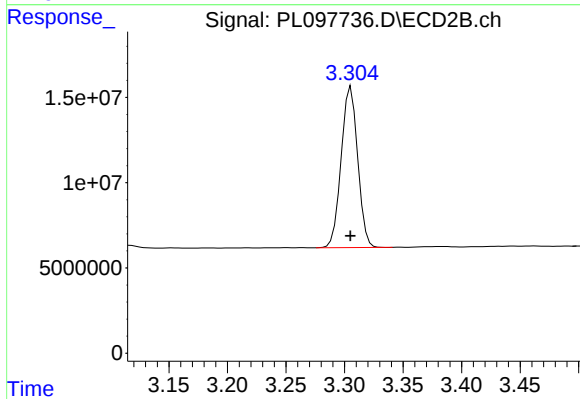
#1 Tetrachloro-m-xylene

R.T.: 2.802 min
Delta R.T.: 0.000 min
Response: 129879518
Conc: 18.16 ng/ml



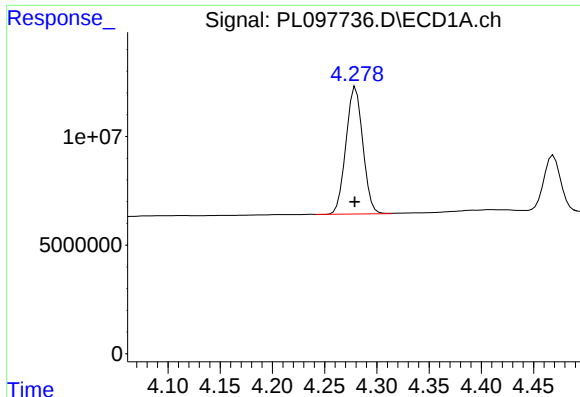
#2 alpha-BHC

R.T.: 3.951 min
Delta R.T.: 0.000 min
Response: 69766974
Conc: 8.22 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: 0.000 min
Response: 92571468
Conc: 8.08 ng/ml



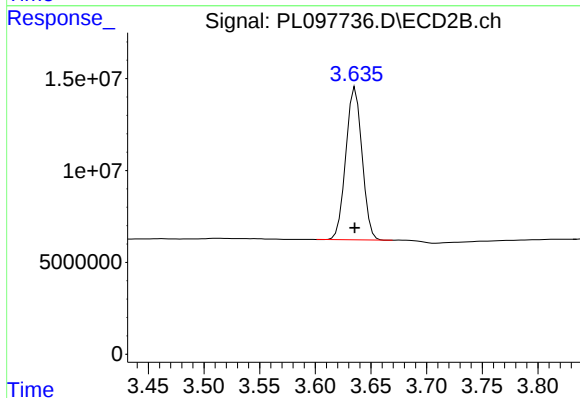
#3 gamma-BHC (Lindane)

R.T.: 4.280 min
Delta R.T.: 0.001 min
Response: 65725279
Conc: 8.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

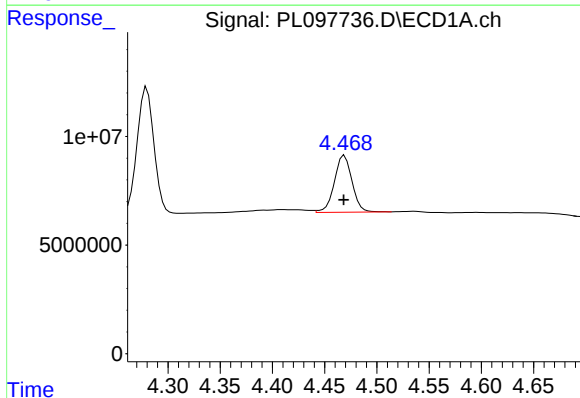
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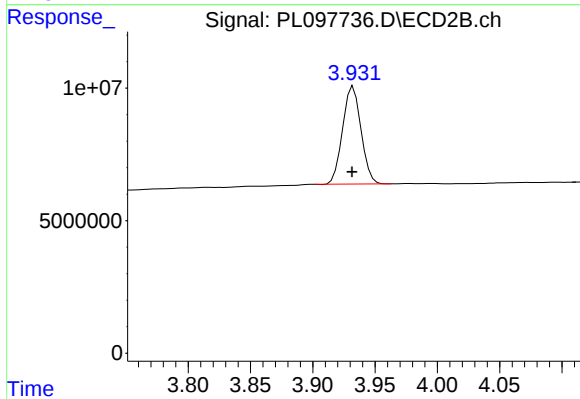
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: 0.000 min
Response: 84213149
Conc: 8.20 ng/ml



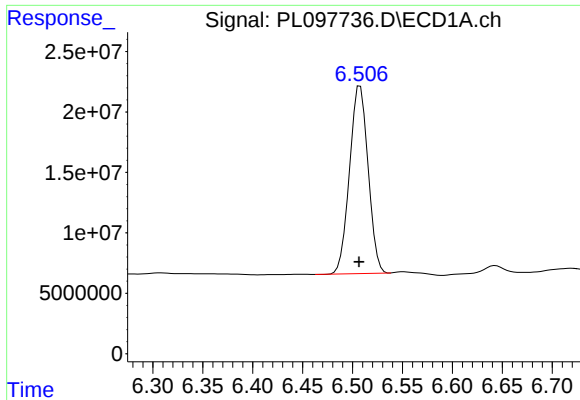
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 30702270
Conc: 9.40 ng/ml



#6 beta-BHC

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 38121176
Conc: 8.62 ng/ml



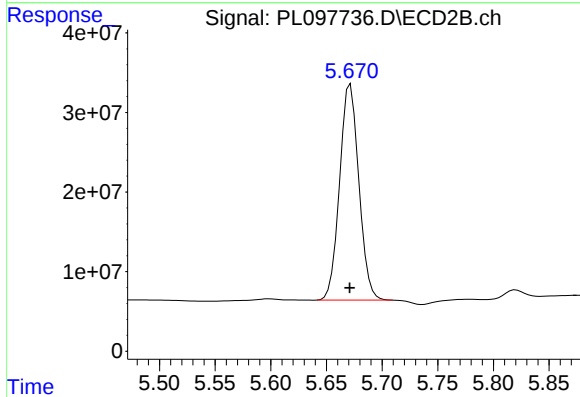
#14 Endrin

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 200941886
Conc: 43.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

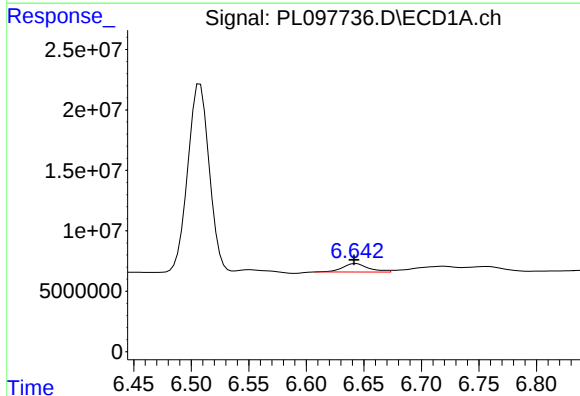
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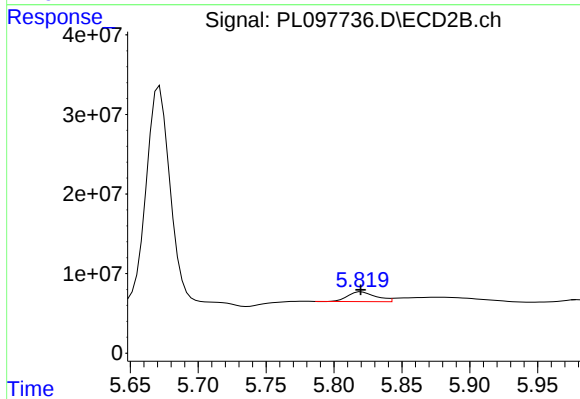
#14 Endrin

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 326582860
Conc: 42.49 ng/ml



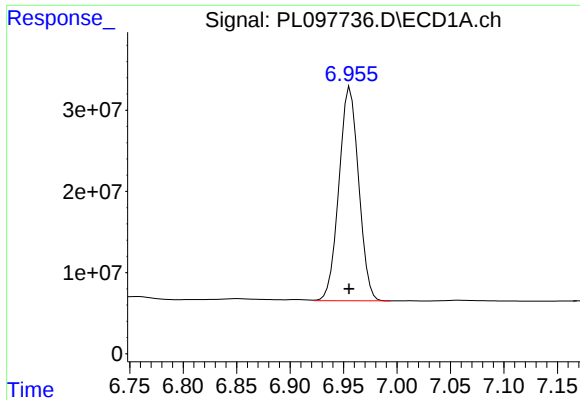
#16 4,4'-DDD

R.T.: 6.643 min
Delta R.T.: 0.002 min
Response: 11145097
Conc: 2.62 ng/ml



#16 4,4'-DDD

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 17489076
Conc: 2.59 ng/ml



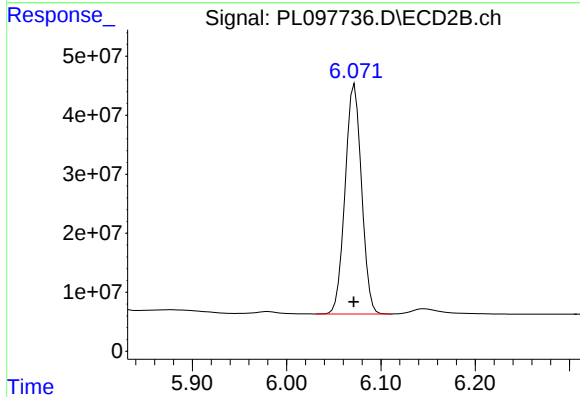
#17 4,4'-DDT

R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 338238613
Conc: 92.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

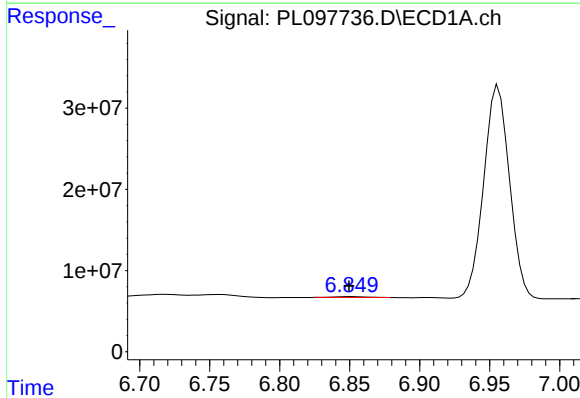
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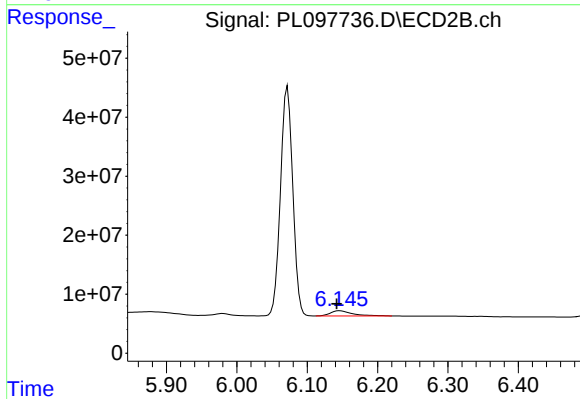
#17 4,4'-DDT

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 472627085
Conc: 95.90 ng/ml



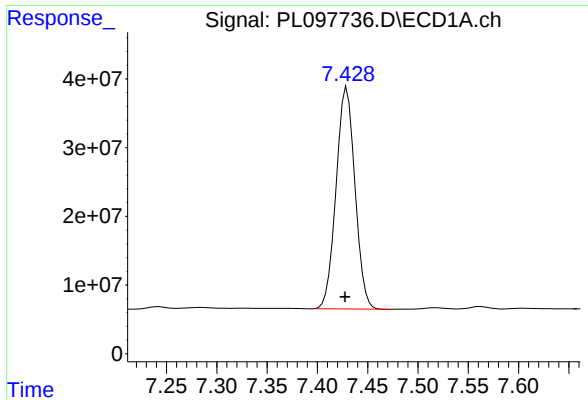
#18 Endrin aldehyde

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 1637248
Conc: 0.45 ng/ml m



#18 Endrin aldehyde

R.T.: 6.146 min
Delta R.T.: 0.004 min
Response: 18516884
Conc: 3.40 ng/ml



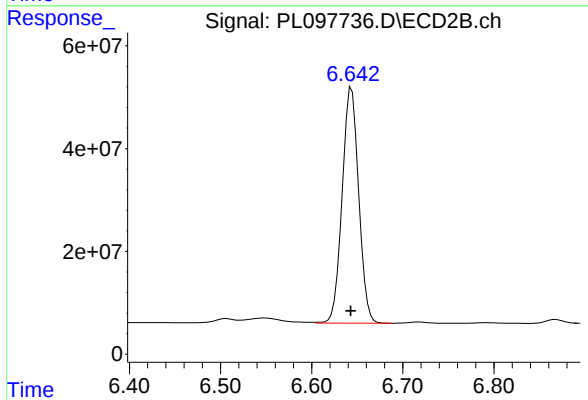
#20 Methoxychlor

R.T.: 7.429 min
Delta R.T.: 0.002 min
Response: 420347107
Conc: 222.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

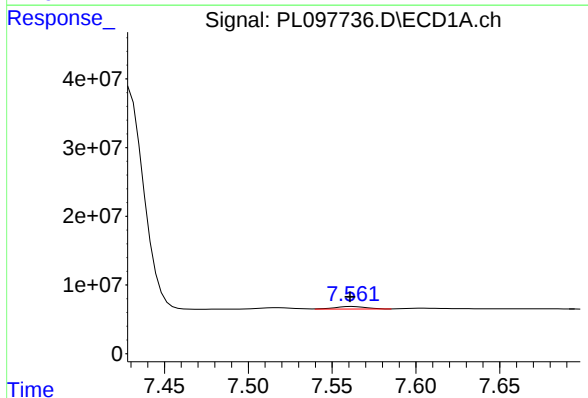
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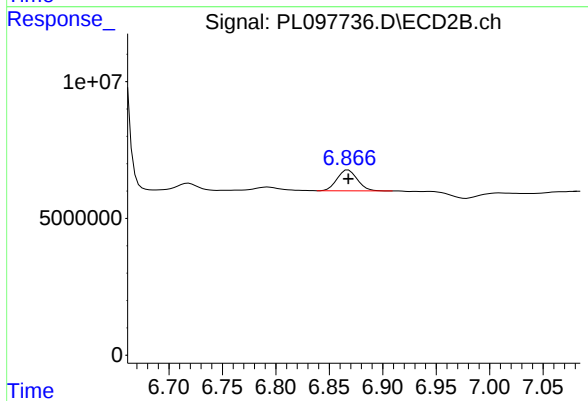
#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 577494641
Conc: 214.98 ng/ml



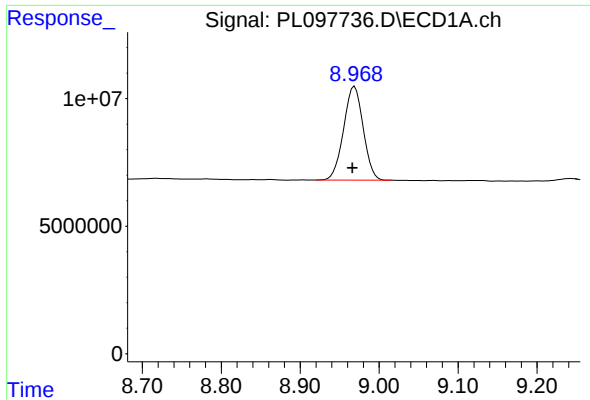
#21 Endrin ketone

R.T.: 7.562 min
Delta R.T.: 0.001 min
Response: 4472190
Conc: 1.02 ng/ml



#21 Endrin ketone

R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 10081015
Conc: 1.38 ng/ml



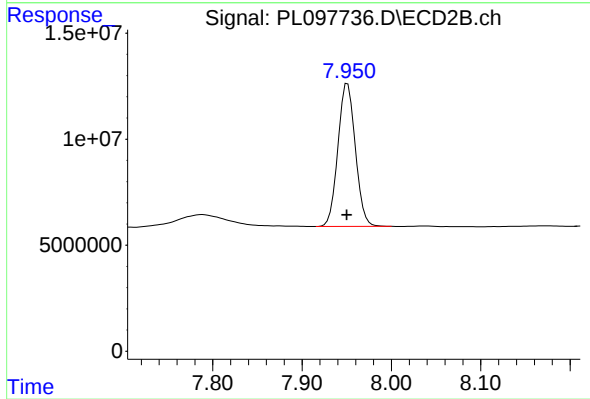
#28 Decachlorobiphenyl

R.T.: 8.969 min
Delta R.T.: 0.003 min
Response: 63476955
Conc: 19.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.951 min
Delta R.T.: 0.001 min
Response: 91195048
Conc: 19.38 ng/ml