

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120525\
 Data File : PL097783.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2025 10:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/08/2025
 Supervised By : Yogesh Patel 12/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 05:02:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 06 05:02:43 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...	3.502	2.802	105.5E6	147.6E6	20.583	20.639
28)	SA Decachlor...	8.964	7.950	61488749	117.4E6	19.157	24.953 #
Target Compounds							
2)	A alpha-BHC	3.948	3.305	79230125	106.5E6	9.339	9.295
3)	MA gamma-BHC...	4.277	3.635	74923872	100.5E6	9.612	9.793
6)	B beta-BHC	4.465	3.931	33058794	45520184	10.125m	10.290
14)	MA Endrin	6.505	5.671	223.2E6	370.2E6	48.488	48.161
16)	A 4,4'-DDD	6.640	5.819	13972777	23852115	3.282	3.526
17)	MA 4,4'-DDT	6.954	6.071	399.8E6	604.2E6	109.575	122.599
18)	B Endrin al...	6.847	6.142	3443984	7428302	0.948m	1.183
20)	A Methoxychlor	7.426	6.643	468.6E6	684.3E6	248.311	254.737
21)	B Endrin ke...	7.560	6.867	9869338	23625298	2.262	3.243 #

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

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Data File : PL097783.D
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Acq On : 05 Dec 2025 10:07
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

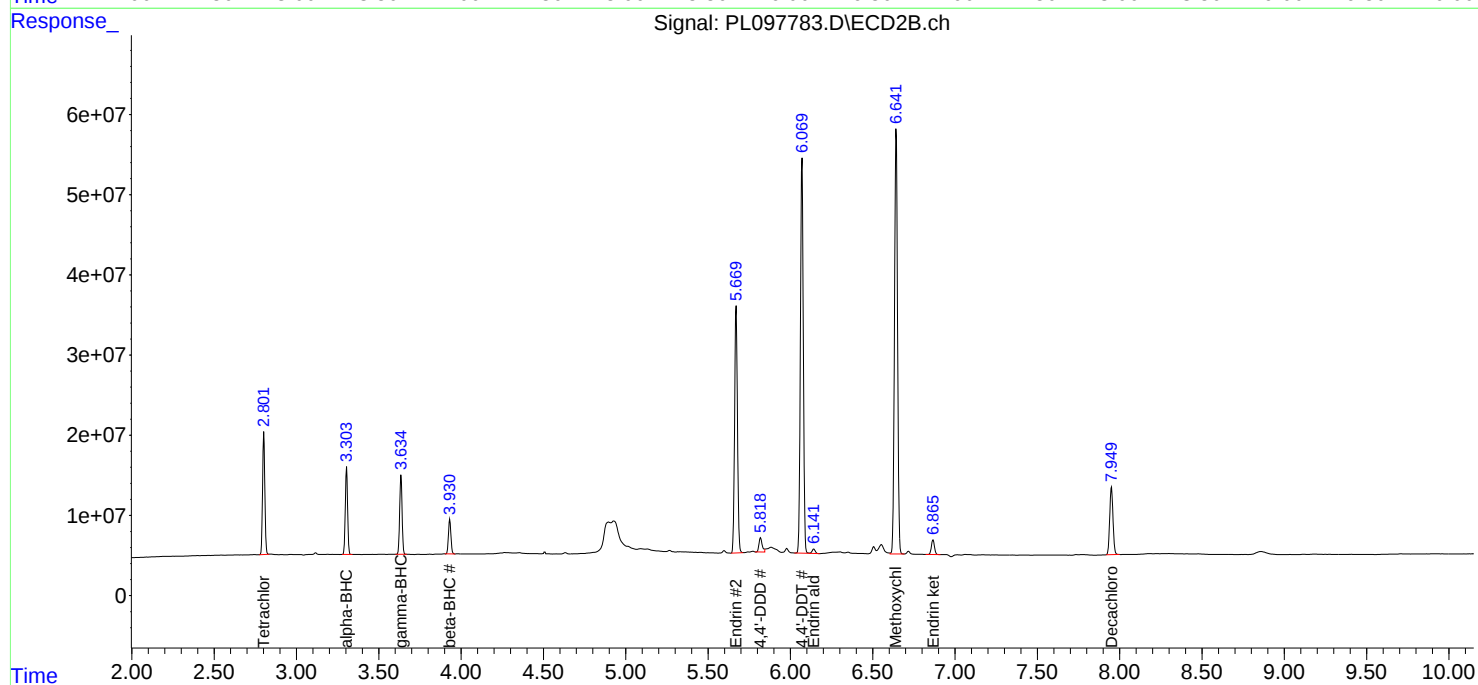
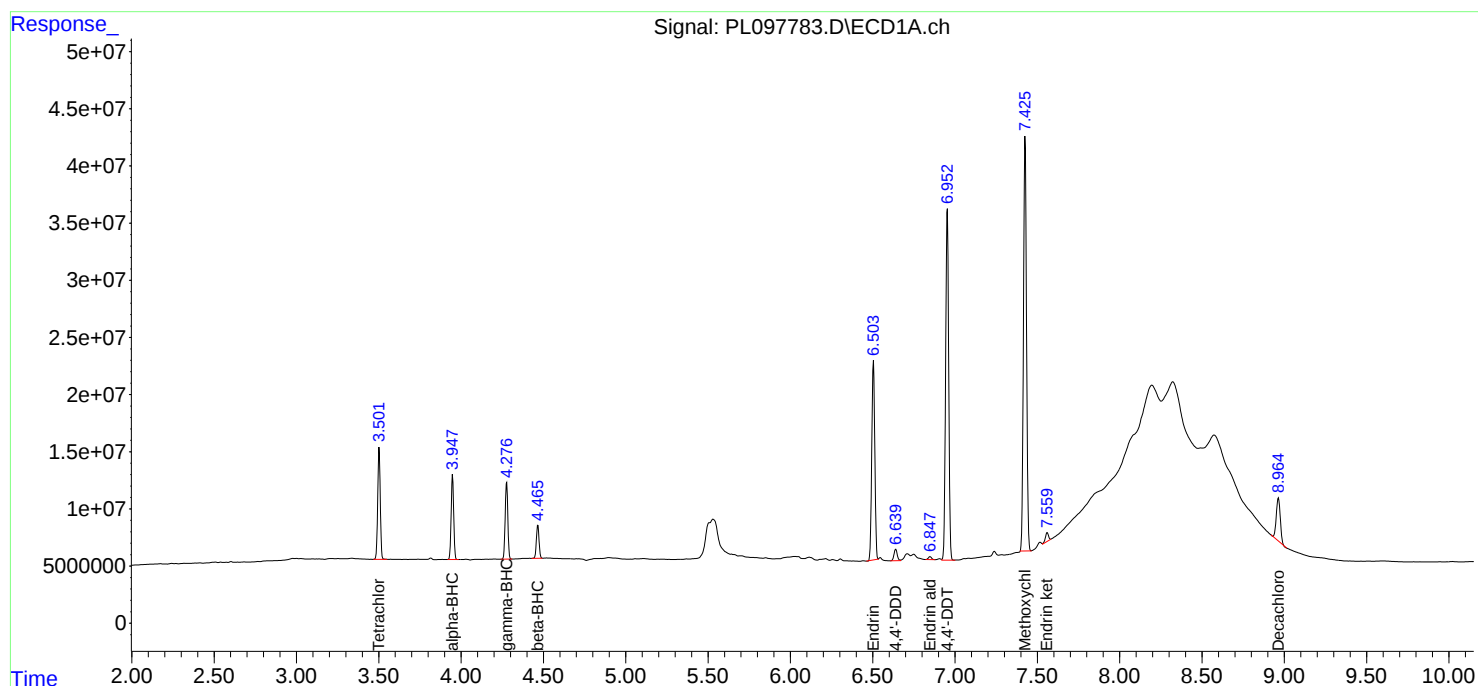
Instrument :
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ClientSampleId :
PEM

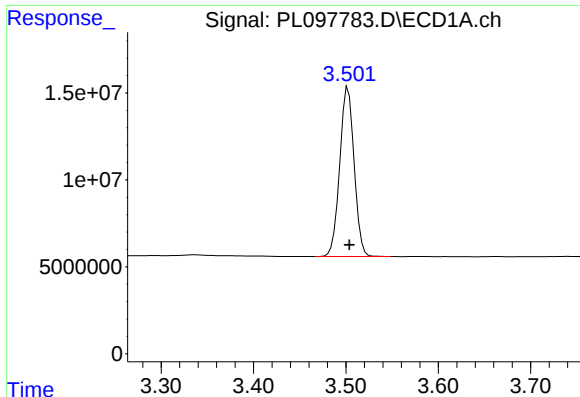
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
Quant Title : GC Extractables
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Integrator: 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





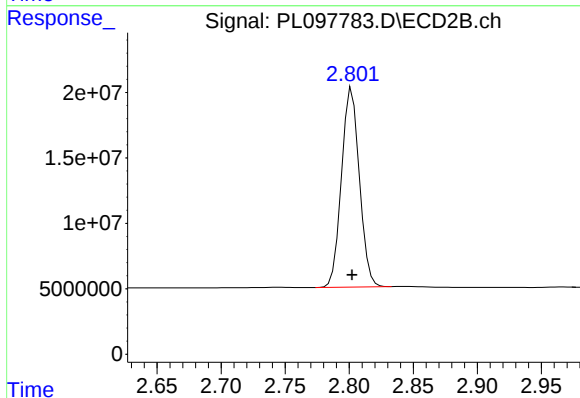
#1 Tetrachloro-m-xylene

R.T.: 3.502 min
Delta R.T.: -0.002 min
Response: 105464268
Conc: 20.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

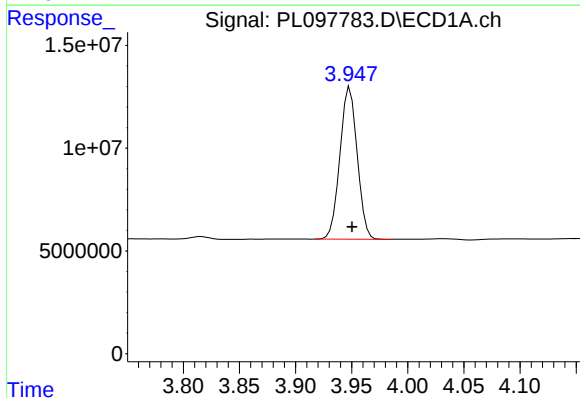
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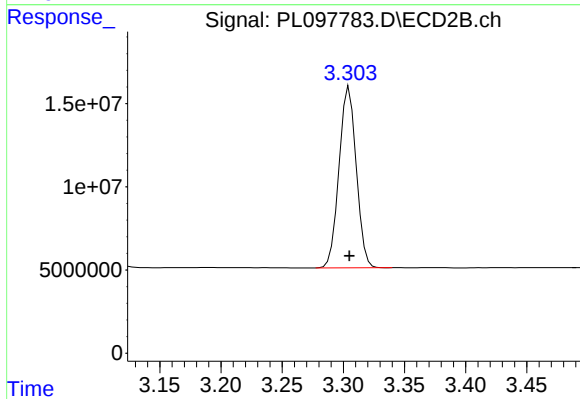
#1 Tetrachloro-m-xylene

R.T.: 2.802 min
Delta R.T.: 0.000 min
Response: 147631066
Conc: 20.64 ng/ml



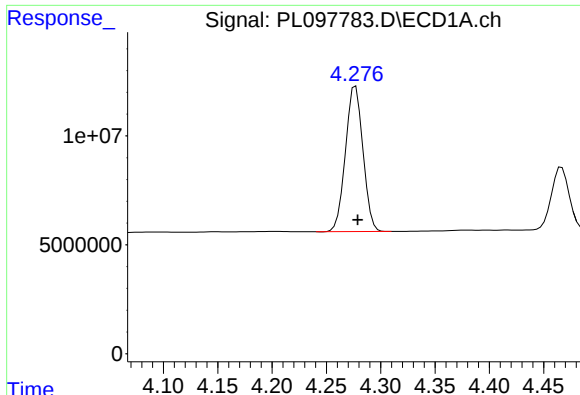
#2 alpha-BHC

R.T.: 3.948 min
Delta R.T.: -0.002 min
Response: 79230125
Conc: 9.34 ng/ml



#2 alpha-BHC

R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 106472275
Conc: 9.30 ng/ml



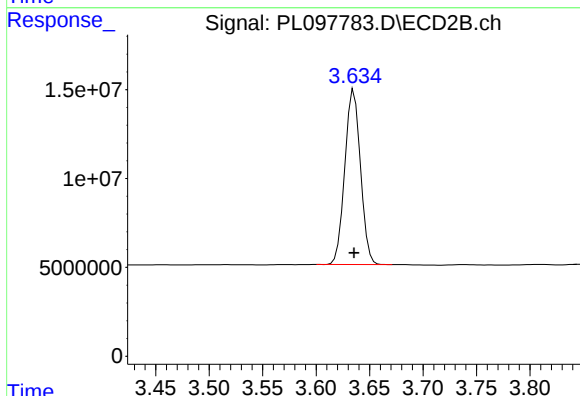
#3 gamma-BHC (Lindane)

R.T.: 4.277 min
Delta R.T.: -0.002 min
Response: 74923872
Conc: 9.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

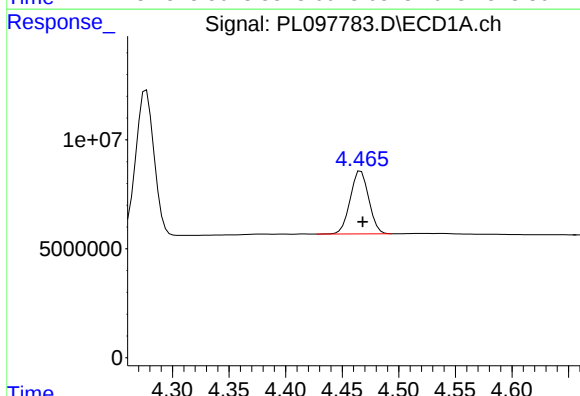
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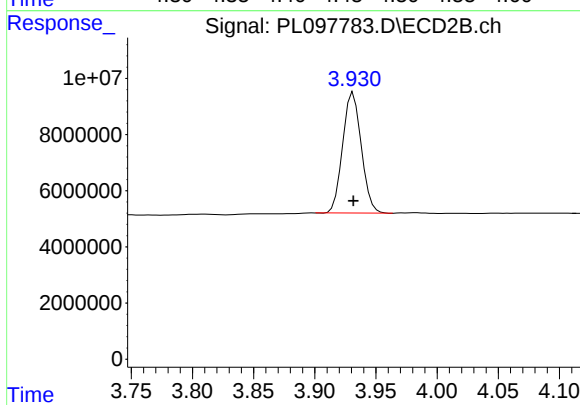
#3 gamma-BHC (Lindane)

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 100519303
Conc: 9.79 ng/ml



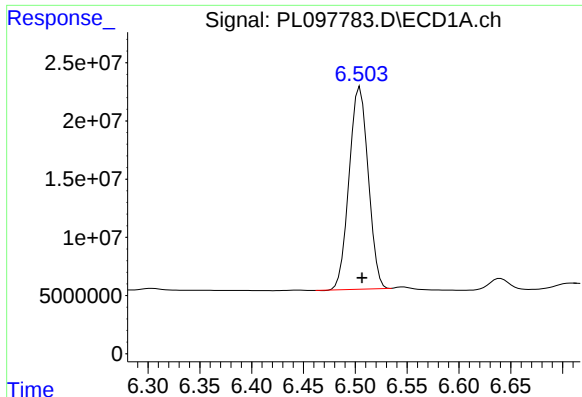
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: -0.003 min
Response: 33058794
Conc: 10.12 ng/ml m



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 45520184
Conc: 10.29 ng/ml



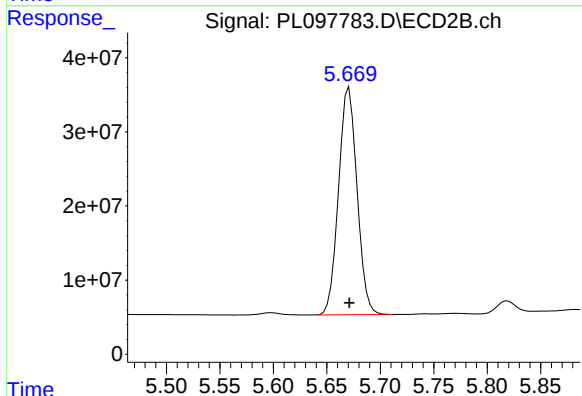
#14 Endrin

R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 223213374
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

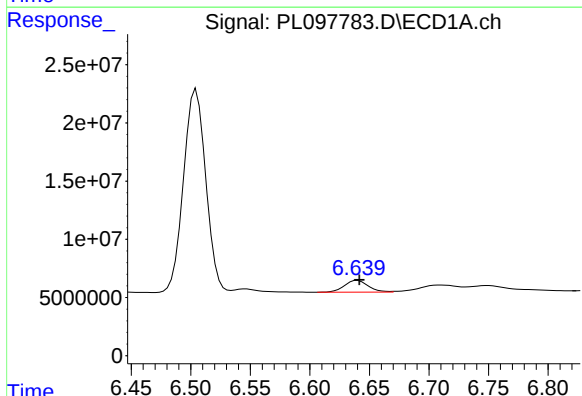
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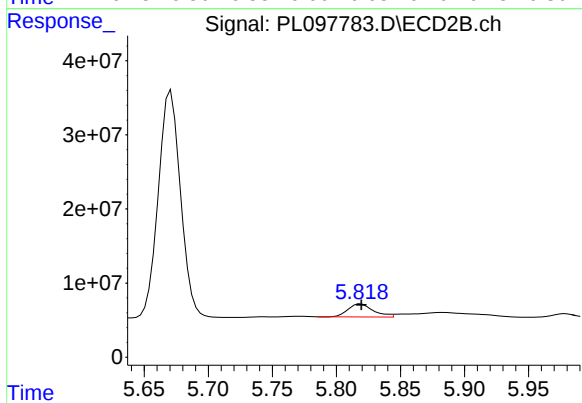
#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 370175363
Conc: 48.16 ng/ml



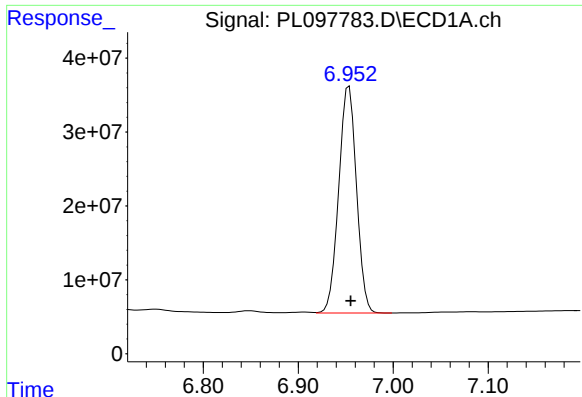
#16 4,4'-DDD

R.T.: 6.640 min
Delta R.T.: -0.001 min
Response: 13972777
Conc: 3.28 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 23852115
Conc: 3.53 ng/ml



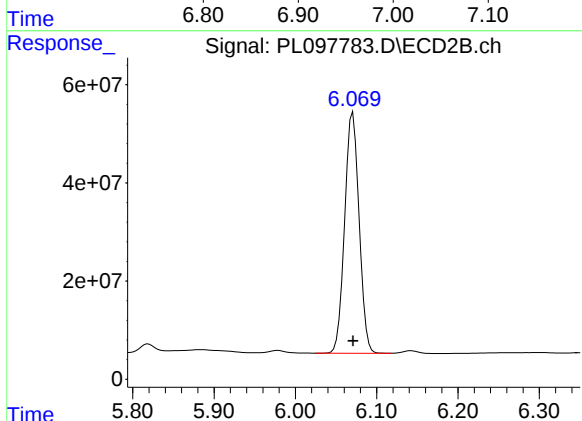
#17 4,4'-DDT

R.T.: 6.954 min
Delta R.T.: -0.002 min
Response: 399833490
Conc: 109.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

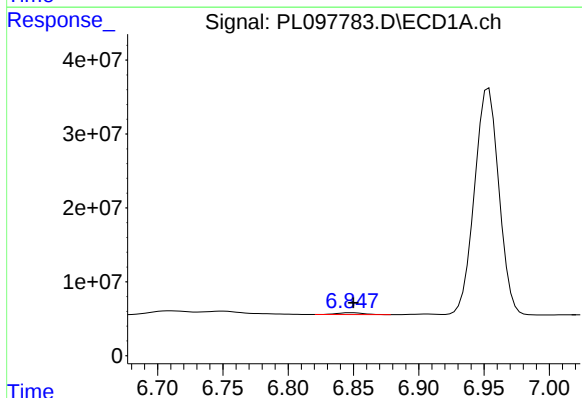
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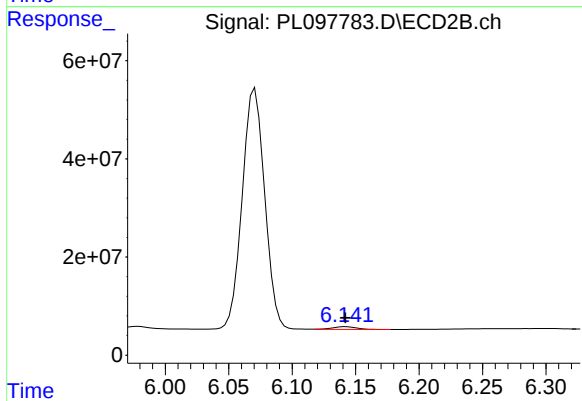
#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 604191595
Conc: 122.60 ng/ml



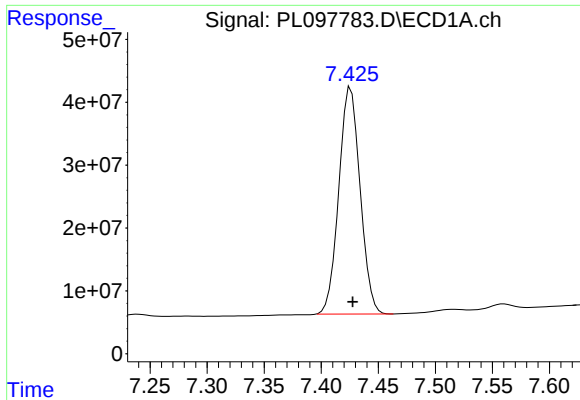
#18 Endrin aldehyde

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 3443984
Conc: 0.95 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 7428302
Conc: 1.18 ng/ml



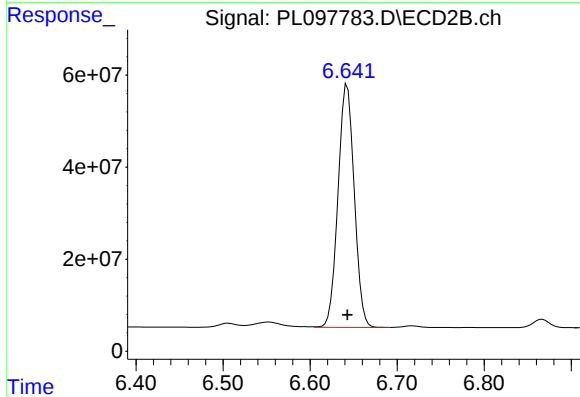
#20 Methoxychlor

R.T.: 7.426 min
Delta R.T.: -0.002 min
Response: 468638749
Conc: 248.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

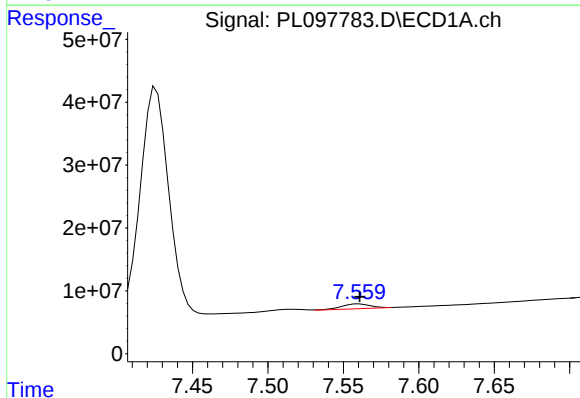
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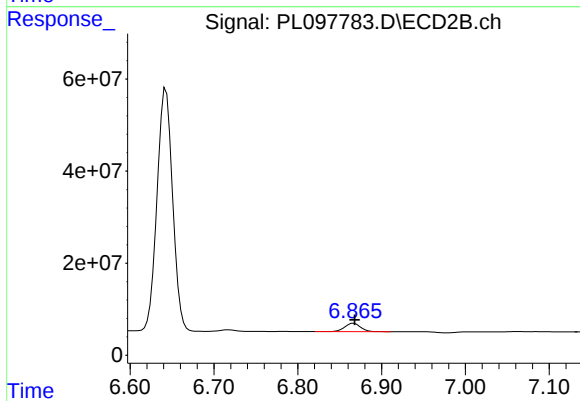
#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 684278790
Conc: 254.74 ng/ml



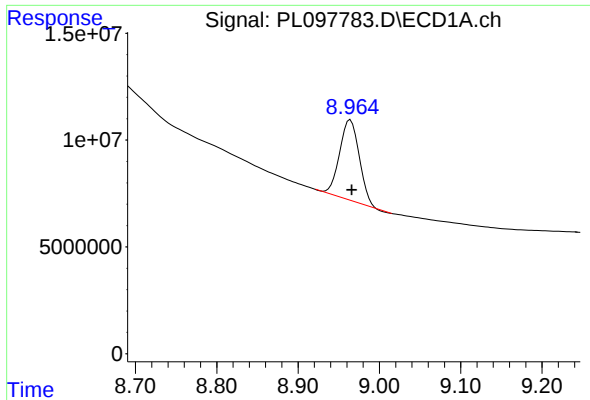
#21 Endrin ketone

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 9869338
Conc: 2.26 ng/ml



#21 Endrin ketone

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 23625298
Conc: 3.24 ng/ml



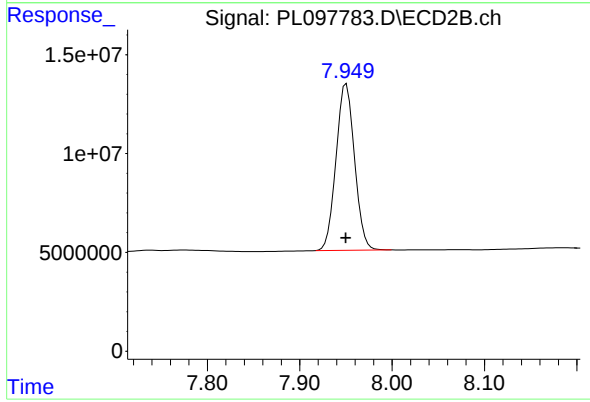
#28 Decachlorobiphenyl

R.T.: 8.964 min
Delta R.T.: -0.002 min
Response: 61488749
Conc: 19.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 117448474
Conc: 24.95 ng/ml