

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
 Data File : PD089667.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 10:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/30/2025
 Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 15:40:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 22 04:39:29 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.880	46190856	319.1E6	16.031	16.311
28)	SA Decachlor...	9.072	8.068	68675721	346.3E6	16.722	14.096
Target Compounds							
2)	A alpha-BHC	3.999	3.392	44678105	260.8E6	7.825	8.682
3)	MA gamma-BHC...	4.330	3.728	44443019	242.8E6	8.055	8.747
6)	B beta-BHC	4.516	4.024	17749157	104.7E6	8.232	8.795
14)	MA Endrin	6.574	5.786	180.5E6	945.6E6	44.333	39.104
16)	A 4,4'-DDD	6.703	5.927	1649316	12668562	0.487m	0.578
17)	MA 4,4'-DDT	7.020	6.180	336.5E6	1723.0E6	89.177	73.612
18)	B Endrin al...	6.918	6.254	967986	9171997	0.332	0.553 #
20)	A Methoxychlor	7.492	6.751	404.9E6	1893.2E6	201.944	155.282
21)	B Endrin ke...	7.628	6.987	2511423	19281862	0.624m	0.787 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 10:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

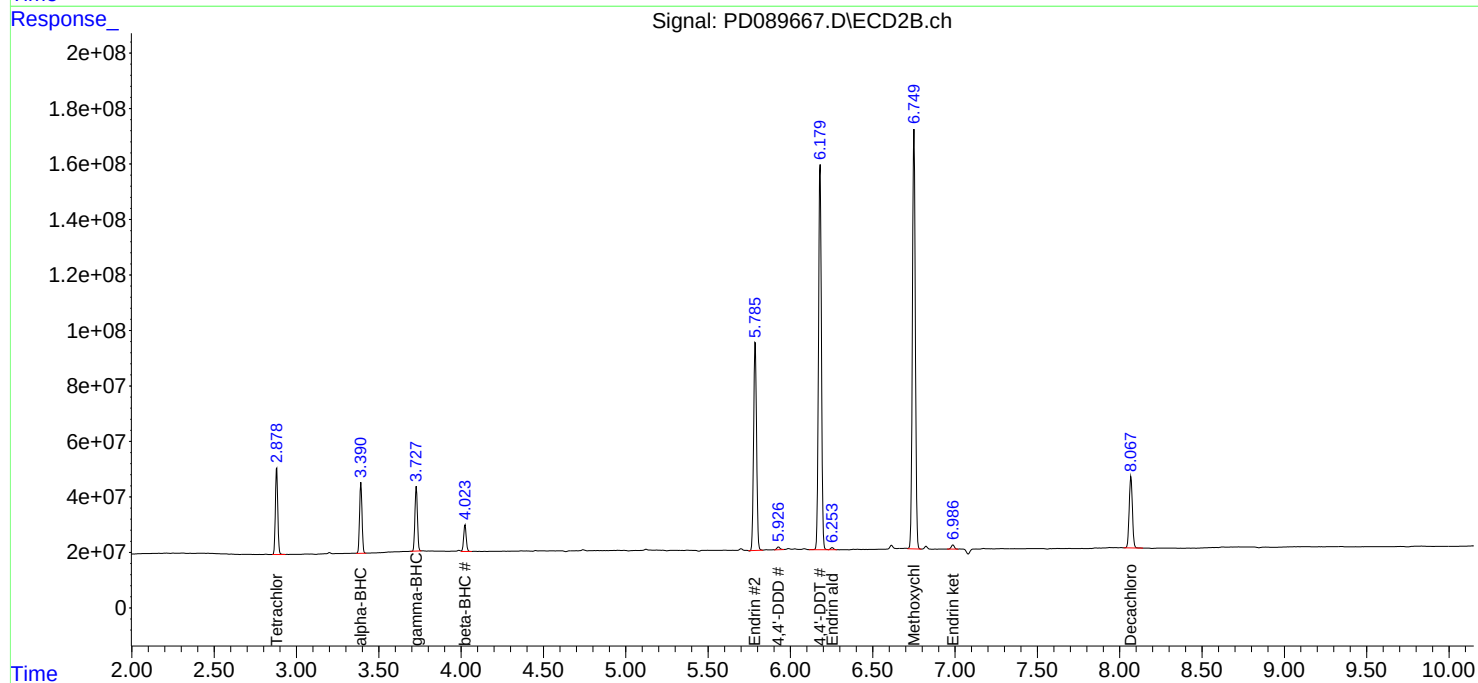
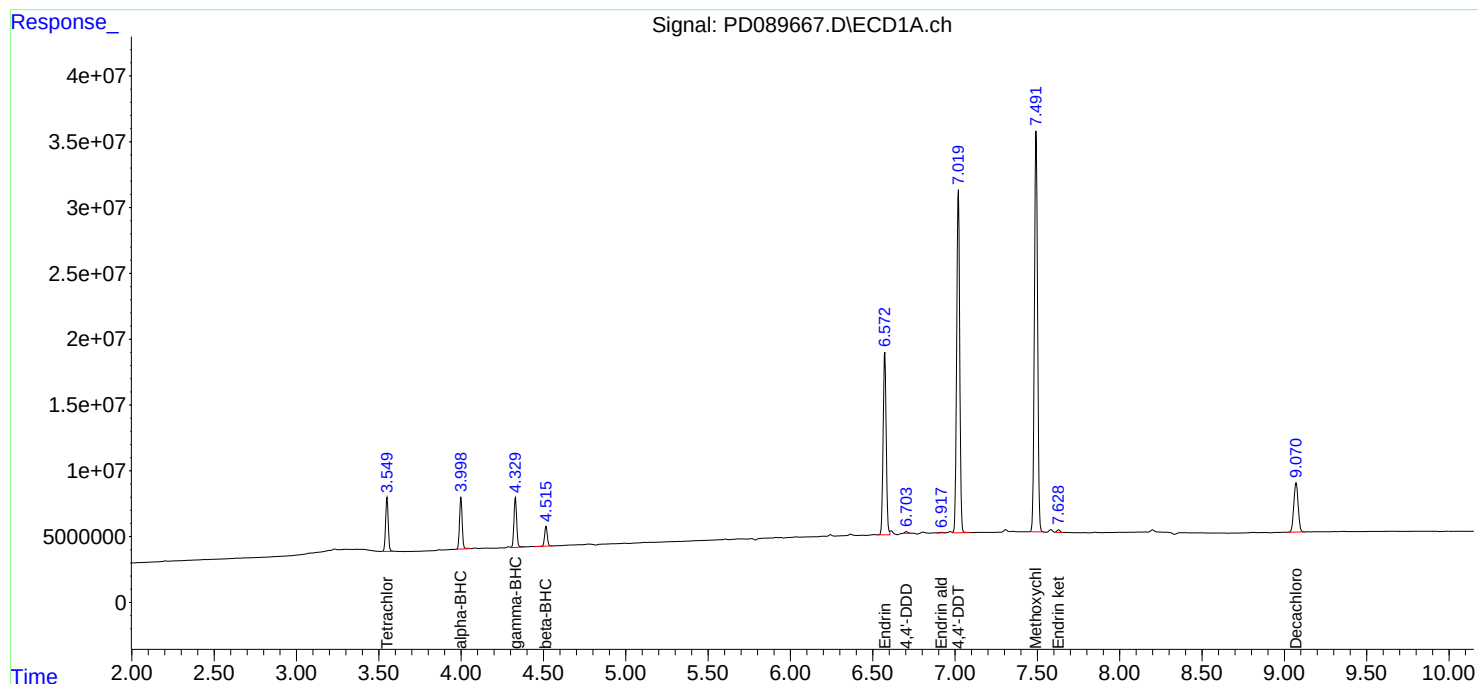
Instrument :
ECD_D
ClientSampleId :
PEM

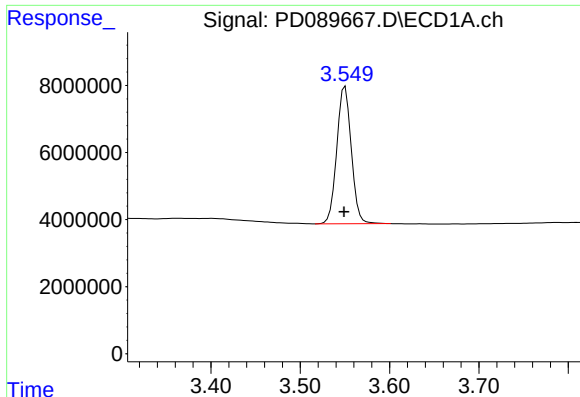
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:40:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response 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 x 0.25µm





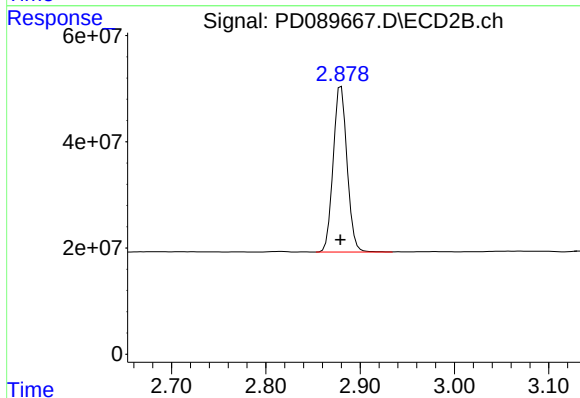
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.001 min
Response: 46190856
Conc: 16.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

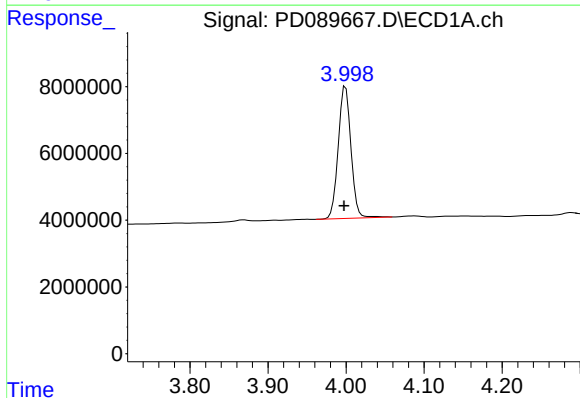
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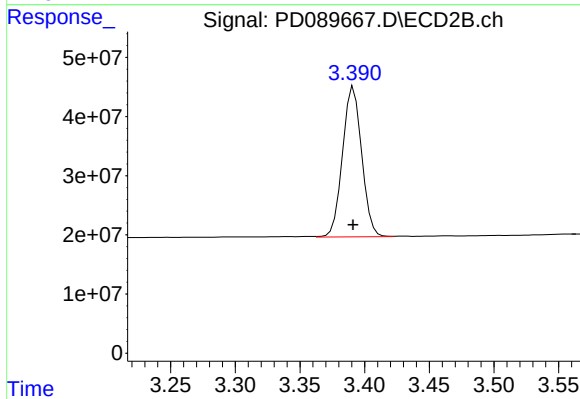
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 319147533
Conc: 16.31 ng/ml



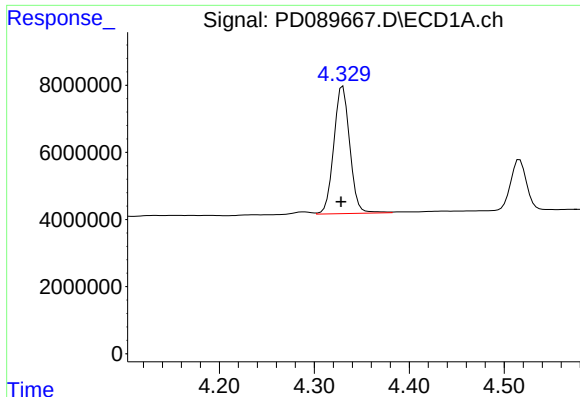
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.002 min
Response: 44678105
Conc: 7.83 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 260837624
Conc: 8.68 ng/ml



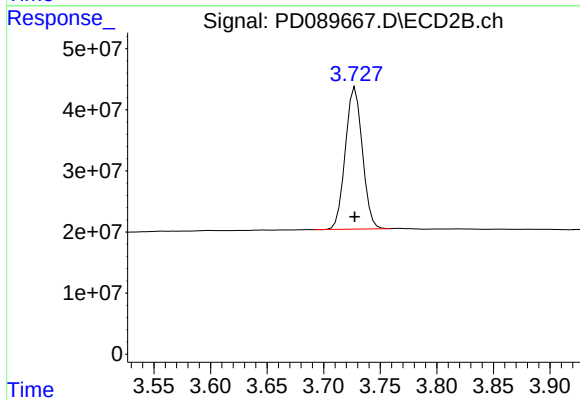
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.002 min
Response: 44443019
Conc: 8.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

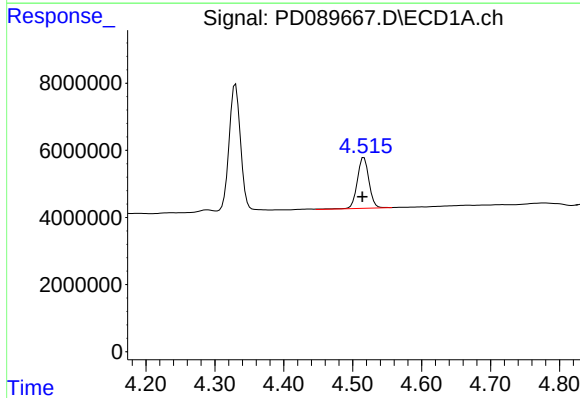
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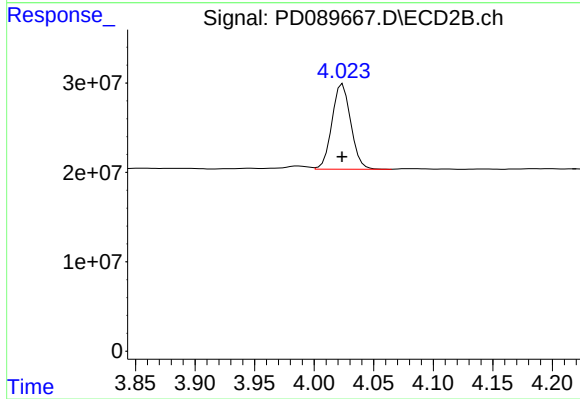
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 242832029
Conc: 8.75 ng/ml



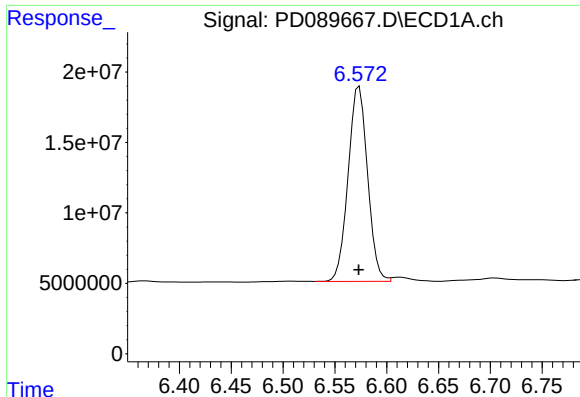
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 17749157
Conc: 8.23 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 104679618
Conc: 8.79 ng/ml



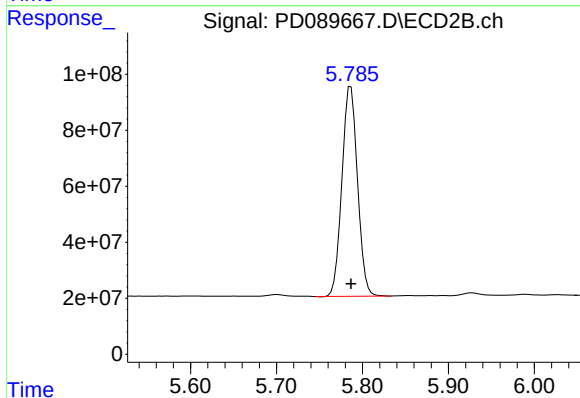
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 180547456
Conc: 44.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

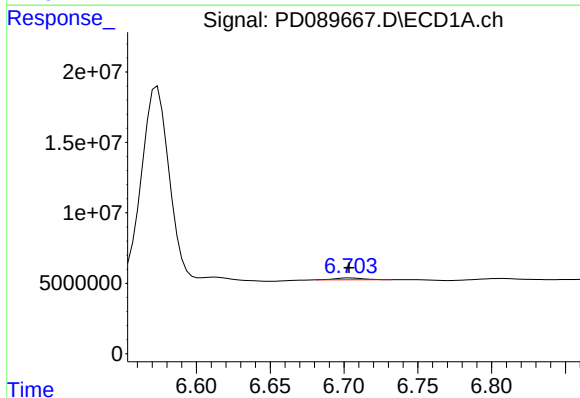
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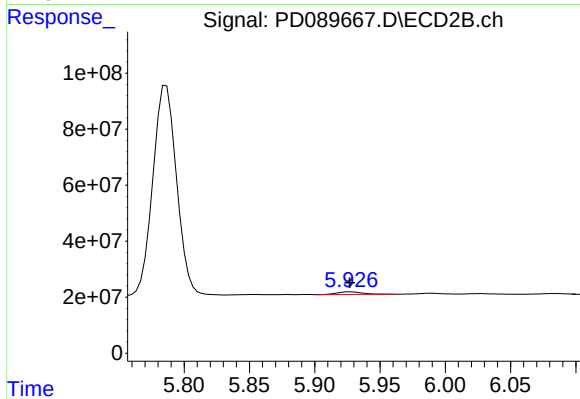
#14 Endrin

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 945600290
Conc: 39.10 ng/ml



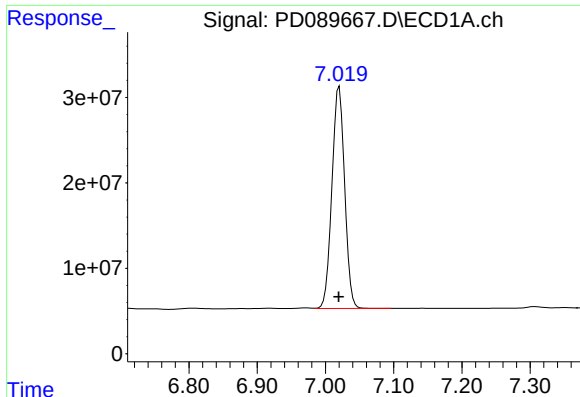
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 1649316
Conc: 0.49 ng/ml m



#16 4,4'-DDD

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 12668562
Conc: 0.58 ng/ml



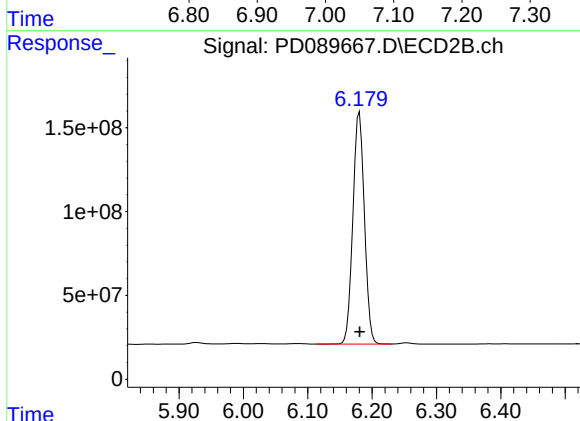
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 336458586
Conc: 89.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

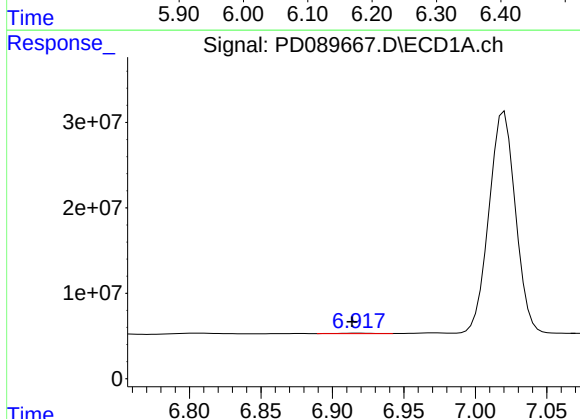
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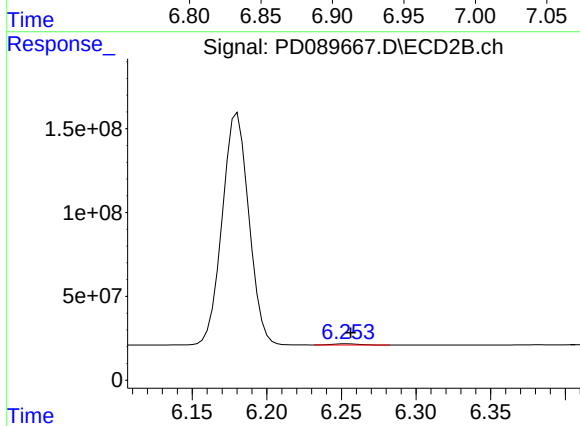
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 1723043697
Conc: 73.61 ng/ml



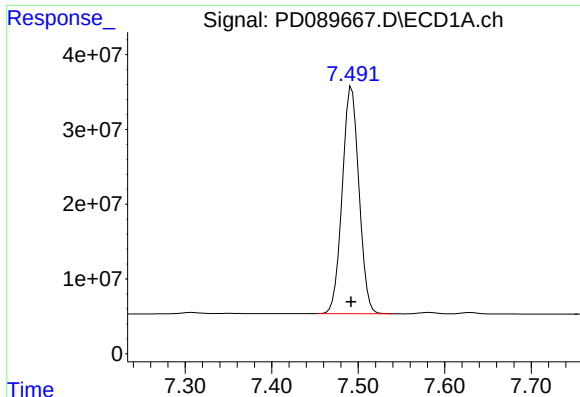
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.004 min
Response: 967986
Conc: 0.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 9171997
Conc: 0.55 ng/ml



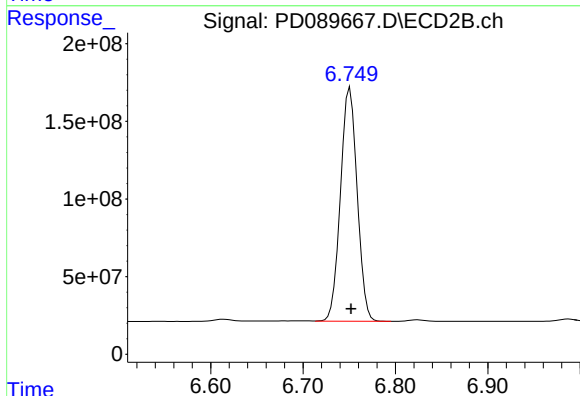
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 404876531
Conc: 201.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

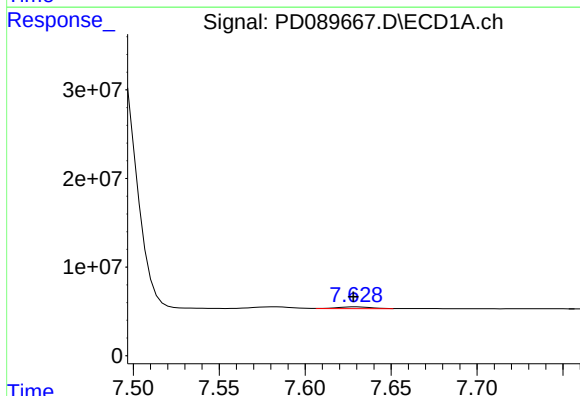
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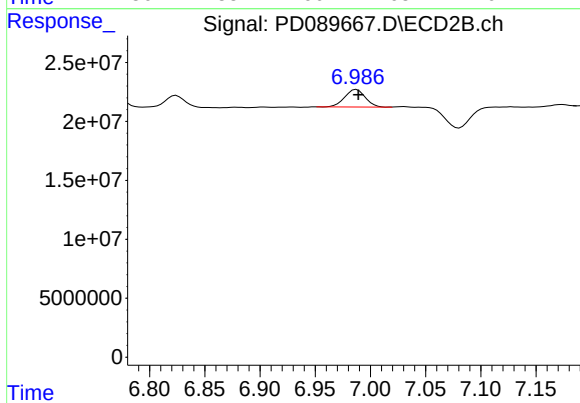
#20 Methoxychlor

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 1893194149
Conc: 155.28 ng/ml



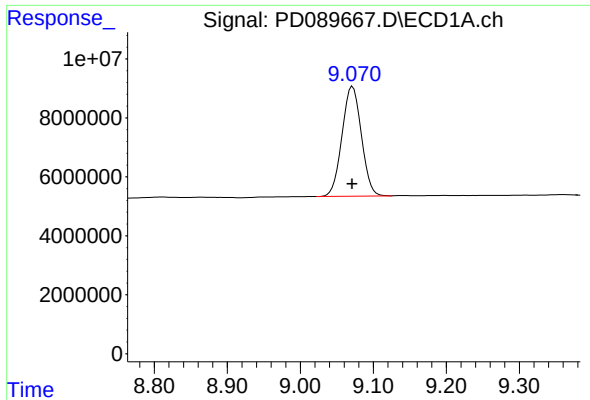
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 2511423
Conc: 0.62 ng/ml m



#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 19281862
Conc: 0.79 ng/ml



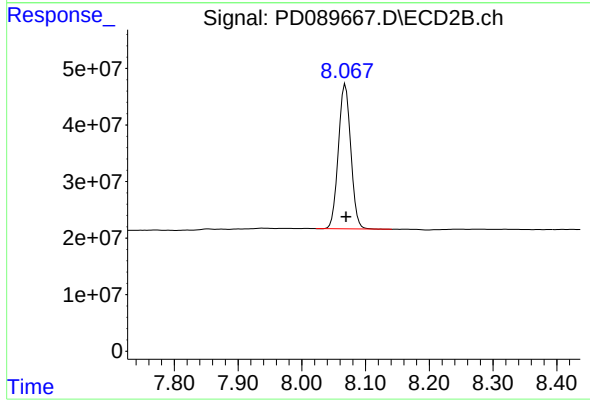
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.001 min
Response: 68675721
Conc: 16.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 346317094
Conc: 14.10 ng/ml