

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072225\
 Data File : PD089560.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2025 08:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/23/2025
 Supervised By : mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:45:52 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...	3.548	2.878	54102817	388.8E6	18.777	19.873
28)	SA Decachlor...	9.068	8.068	82610667	498.9E6	20.114	20.307
Target Compounds							
2)	A alpha-BHC	3.997	3.390	51466677	320.4E6	9.014	10.663
3)	MA gamma-BHC...	4.328	3.726	51867739	293.8E6	9.401	10.582
6)	B beta-BHC	4.513	4.022	21704474	127.1E6	10.066	10.677
14)	MA Endrin	6.571	5.785	198.5E6	1158.8E6	48.730	47.923
16)	A 4,4'-DDD	6.700	5.928	1385922	10577338	0.409m	0.483
17)	MA 4,4'-DDT	7.018	6.180	364.5E6	2185.6E6	96.618	93.373
18)	B Endrin al...	6.914	6.253	365754	11287104	0.125m	0.680 #
20)	A Methoxychlor	7.490	6.750	446.9E6	2257.6E6	222.916	185.172
21)	B Endrin ke...	7.625	6.985	1895881	25868504	0.471m	1.056m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072225\
Data File : PD089560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 08:46
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

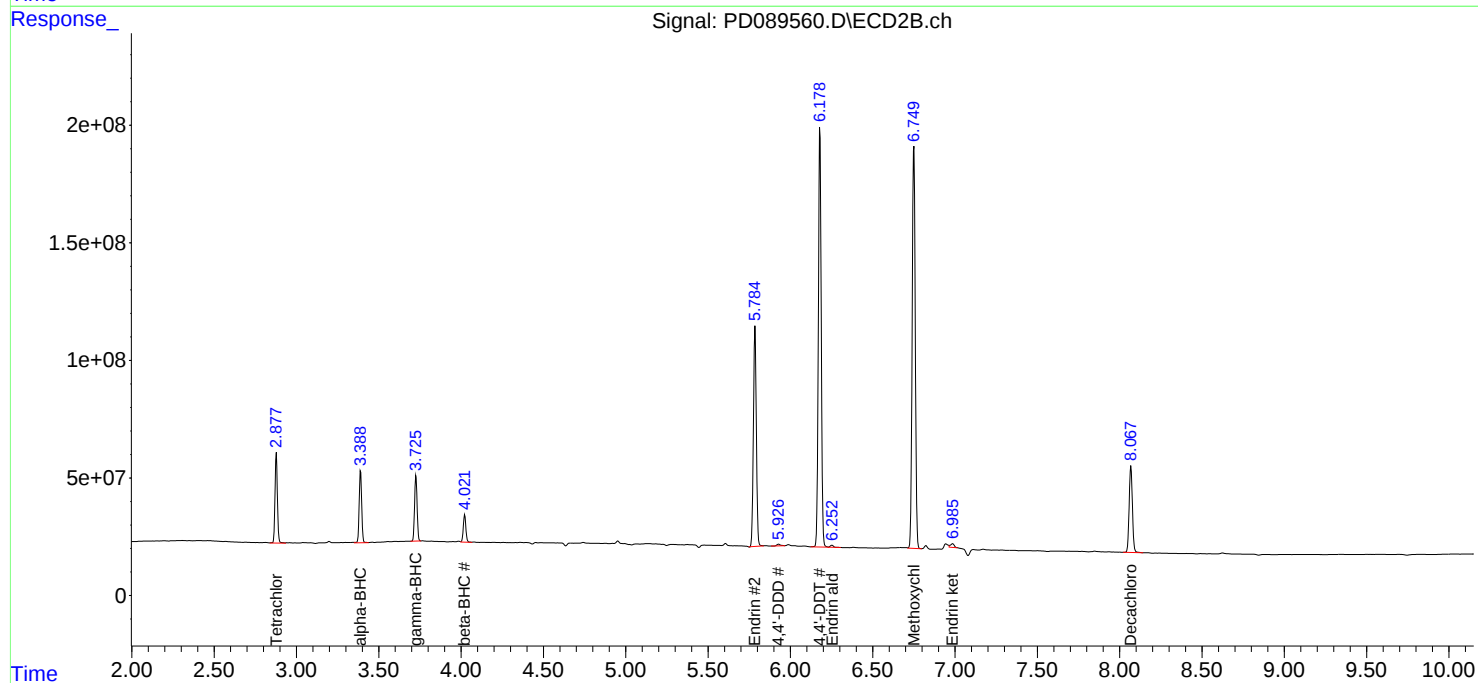
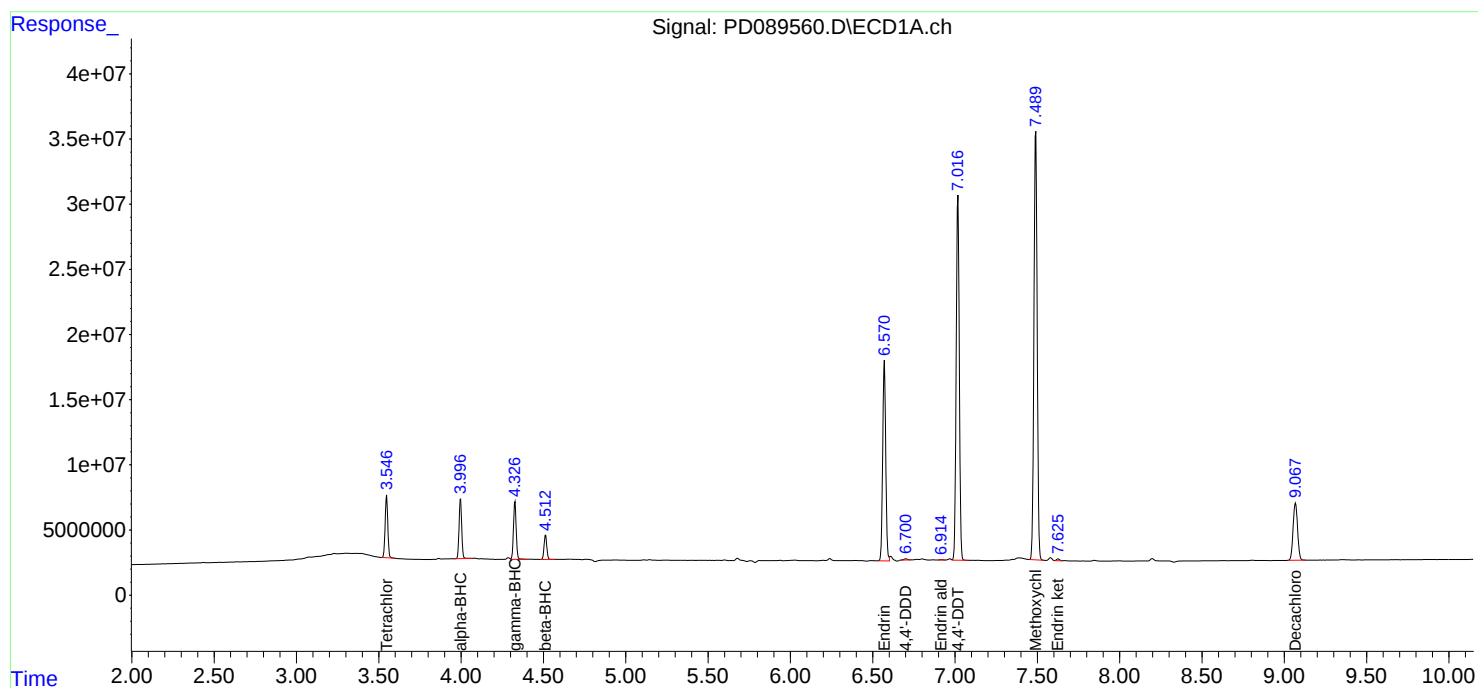
Instrument :
ECD_D
ClientSampleId :
PEM

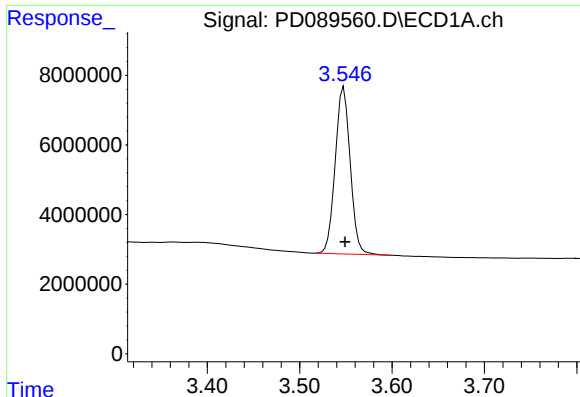
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:45:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response 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





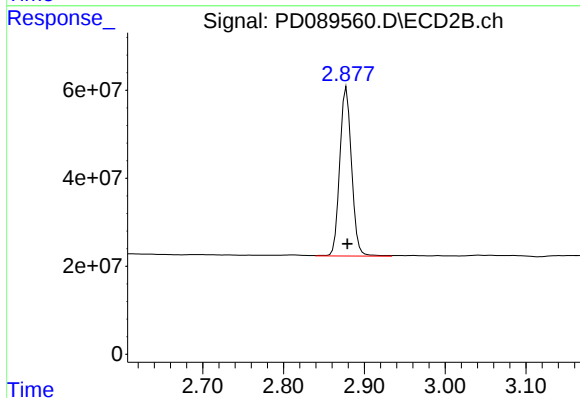
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.001 min
Response: 54102817
Conc: 18.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

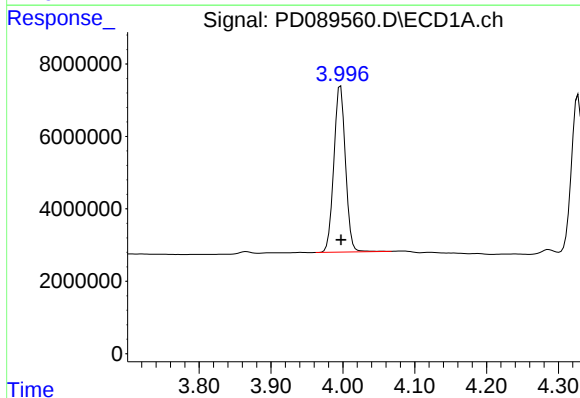
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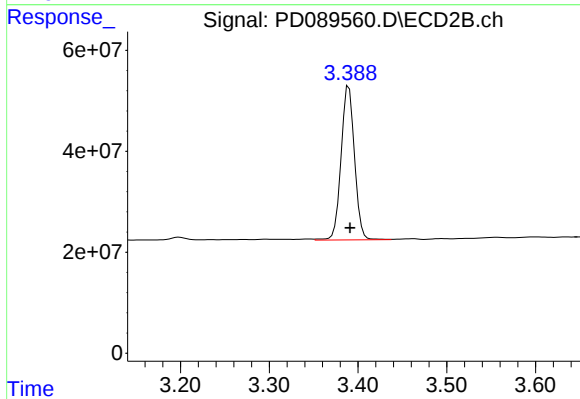
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: -0.001 min
Response: 388835913
Conc: 19.87 ng/ml



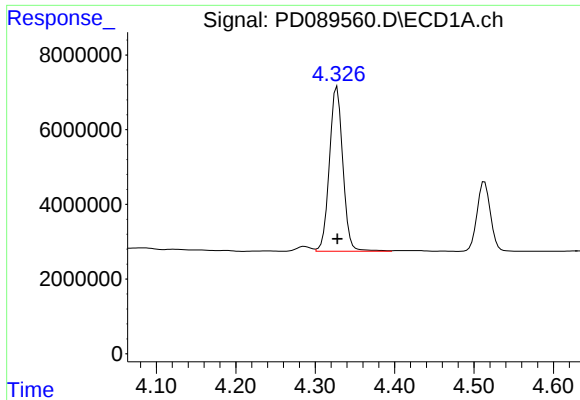
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 51466677
Conc: 9.01 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: -0.001 min
Response: 320369265
Conc: 10.66 ng/ml



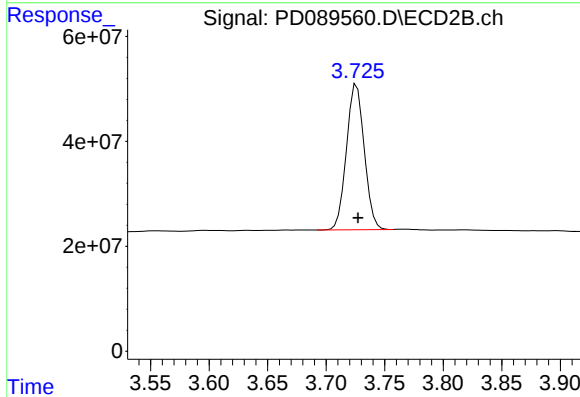
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 51867739
Conc: 9.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

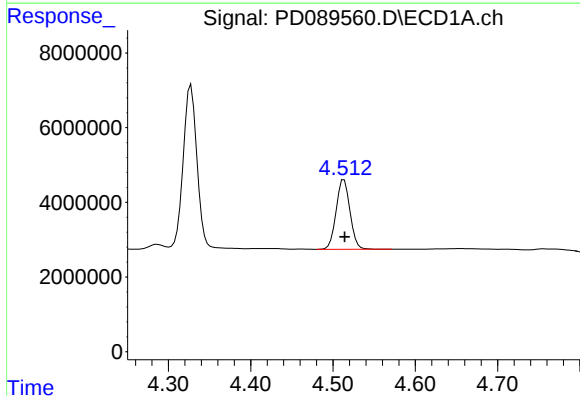
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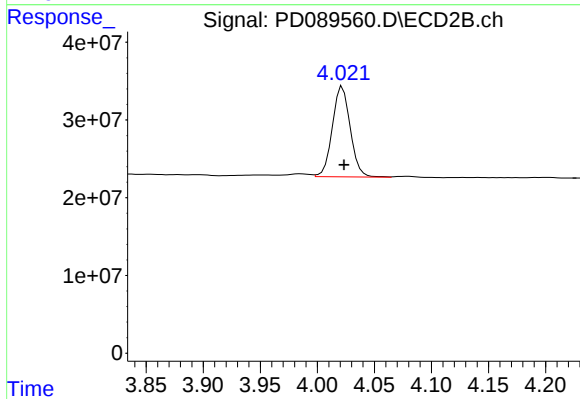
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: -0.001 min
Response: 293783887
Conc: 10.58 ng/ml



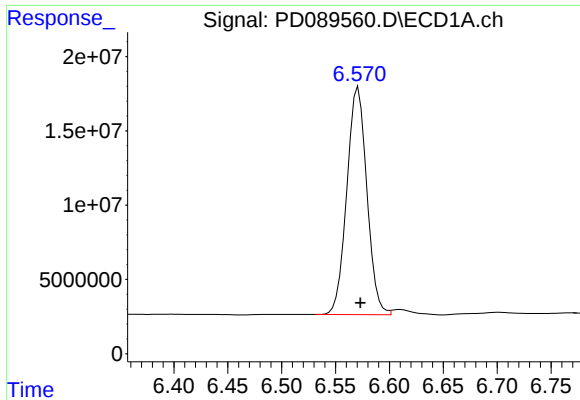
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 21704474
Conc: 10.07 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: -0.001 min
Response: 127088749
Conc: 10.68 ng/ml



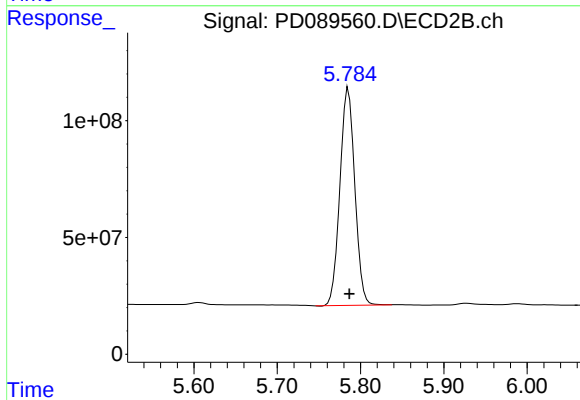
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 198453889
Conc: 48.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

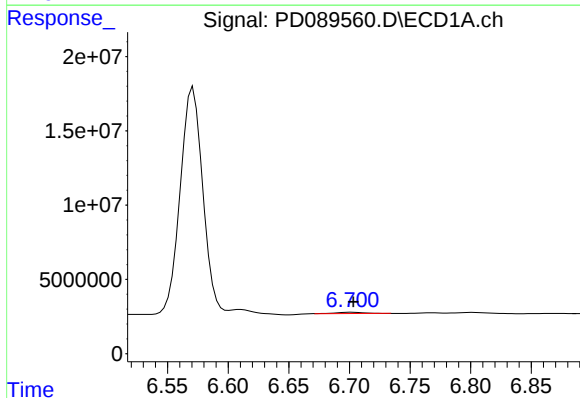
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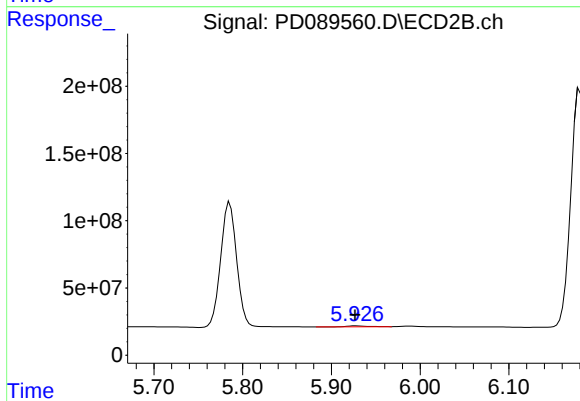
#14 Endrin

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 1158839672
Conc: 47.92 ng/ml



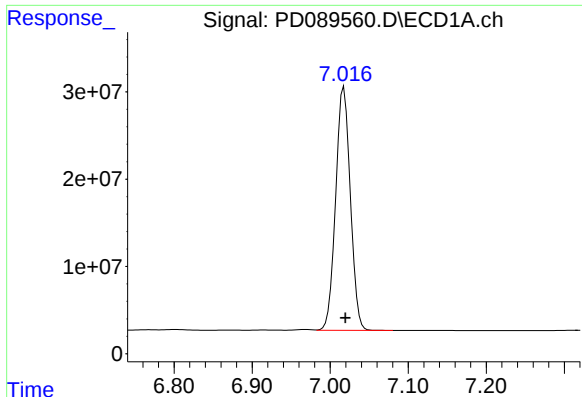
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.003 min
Response: 1385922
Conc: 0.41 ng/ml m



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 10577338
Conc: 0.48 ng/ml



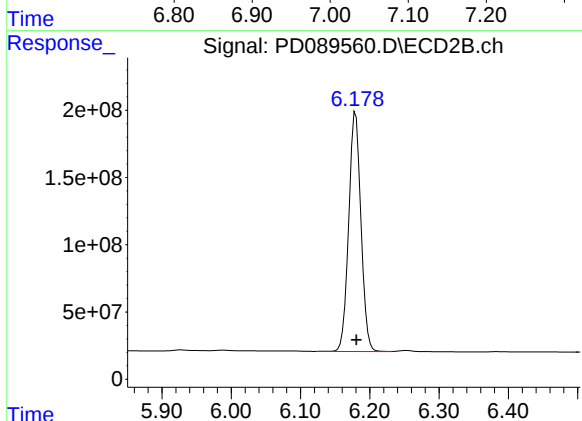
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 364535378
Conc: 96.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

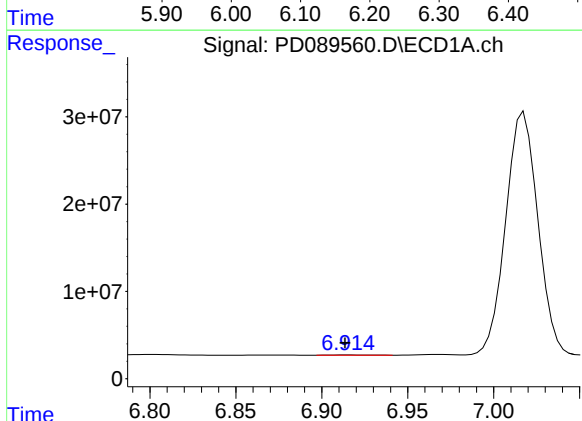
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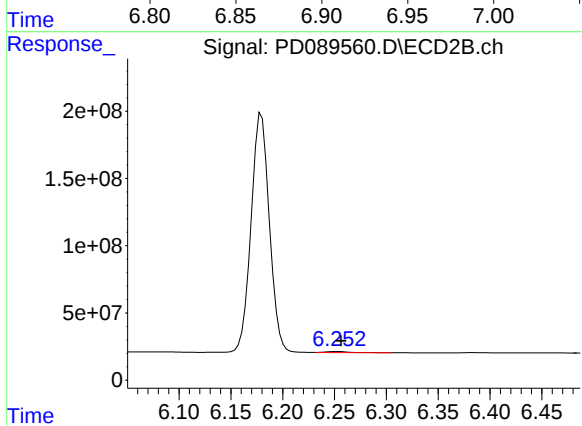
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 2185583996
Conc: 93.37 ng/ml



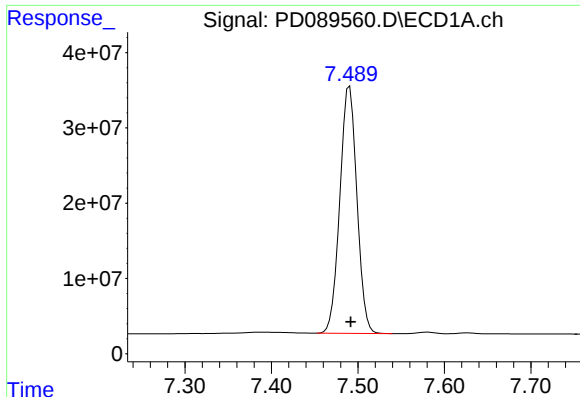
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 365754
Conc: 0.13 ng/ml m



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 11287104
Conc: 0.68 ng/ml



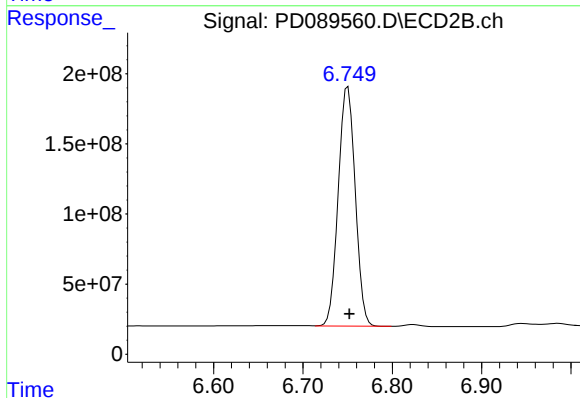
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: -0.001 min
Response: 446921970
Conc: 222.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

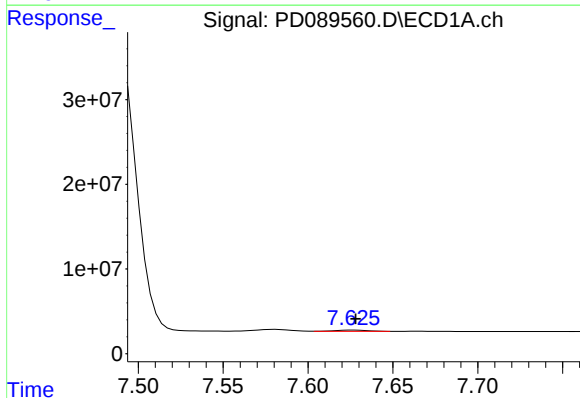
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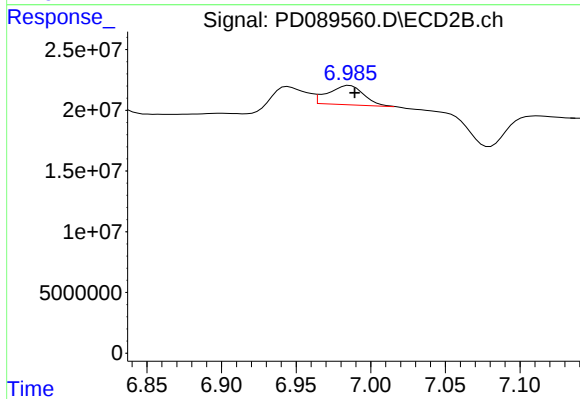
#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 2257610468
Conc: 185.17 ng/ml



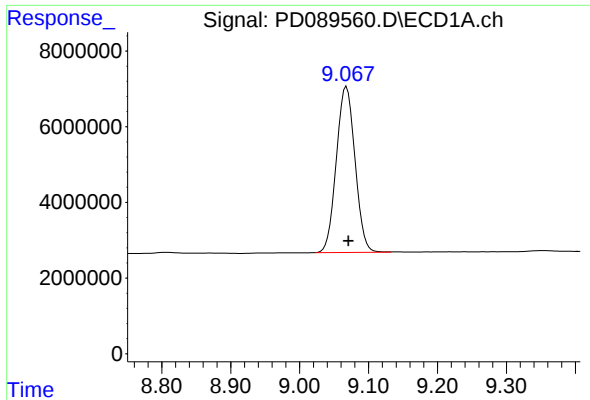
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: -0.003 min
Response: 1895881
Conc: 0.47 ng/ml m



#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.005 min
Response: 25868504
Conc: 1.06 ng/ml m



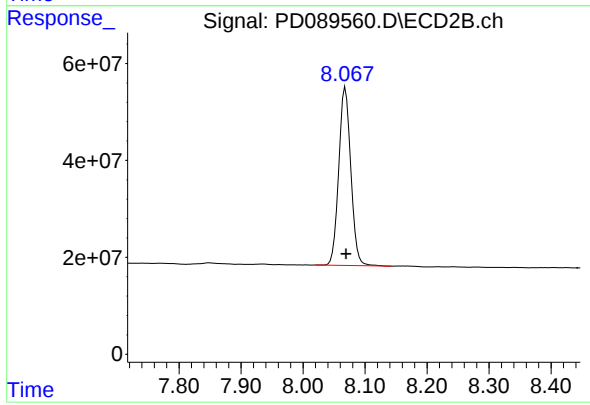
#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 82610667
Conc: 20.11 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: 498913247
Conc: 20.31 ng/ml