

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072425\
 Data File : PD089592.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 12:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 02:09:39 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	2.879	56117111	399.6E6	19.476	20.424
28)	SA Decachlor...	9.068	8.068	85866937	512.1E6	20.907	20.845
Target Compounds							
2)	A alpha-BHC	3.997	3.390	53298254	331.8E6	9.335	11.042
3)	MA gamma-BHC...	4.328	3.727	54146111	303.5E6	9.814	10.934
6)	B beta-BHC	4.514	4.023	22580257	130.7E6	10.473	10.977
14)	MA Endrin	6.571	5.785	207.0E6	1206.0E6	50.818	49.875
16)	A 4,4'-DDD	6.700	5.927	2409365	17852326	0.711m	0.814
17)	MA 4,4'-DDT	7.018	6.179	382.5E6	2257.2E6	101.375	96.431
18)	B Endrin al...	6.915	6.252	725326	12253663	0.249	0.738 #
20)	A Methoxychlor	7.489	6.750	464.1E6	2396.7E6	231.501	196.584
21)	B Endrin ke...	7.624	6.984	2546794	40335114	0.633m	1.647m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072425\
Data File : PD089592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jul 2025 12:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

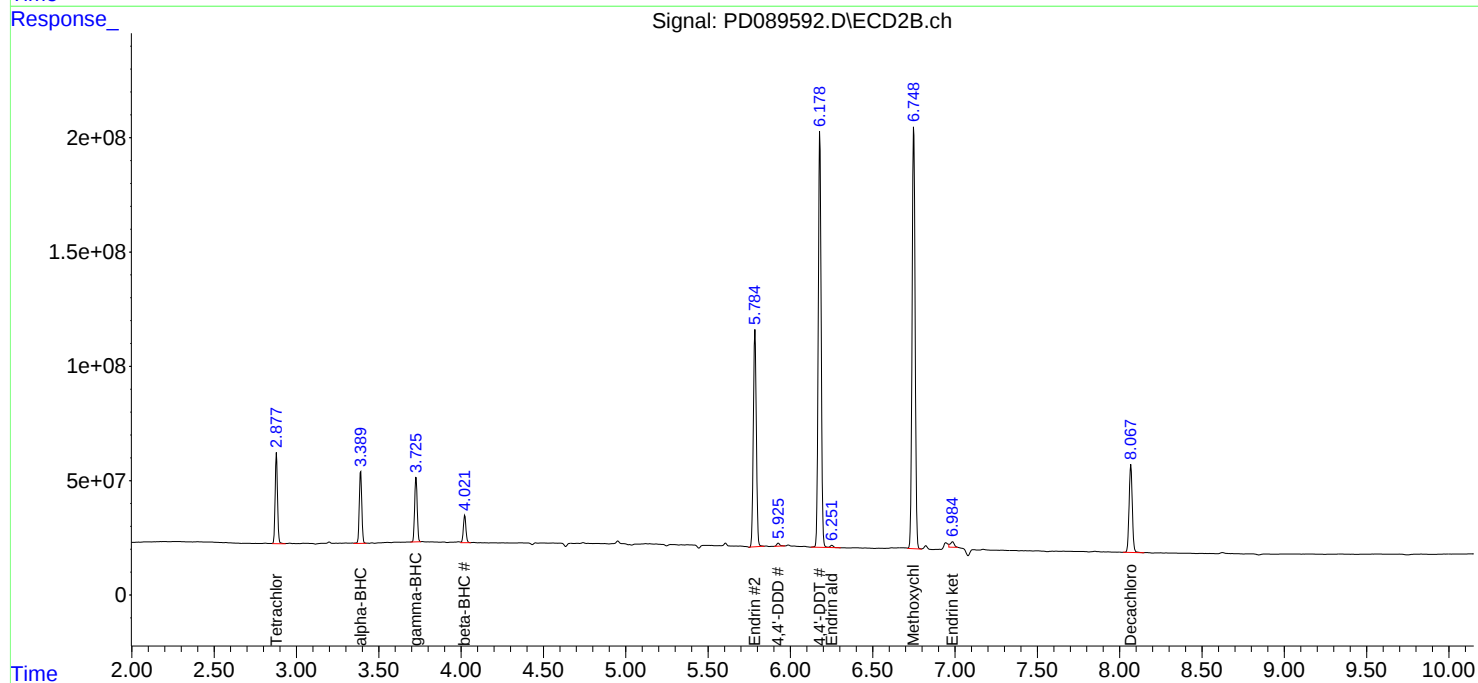
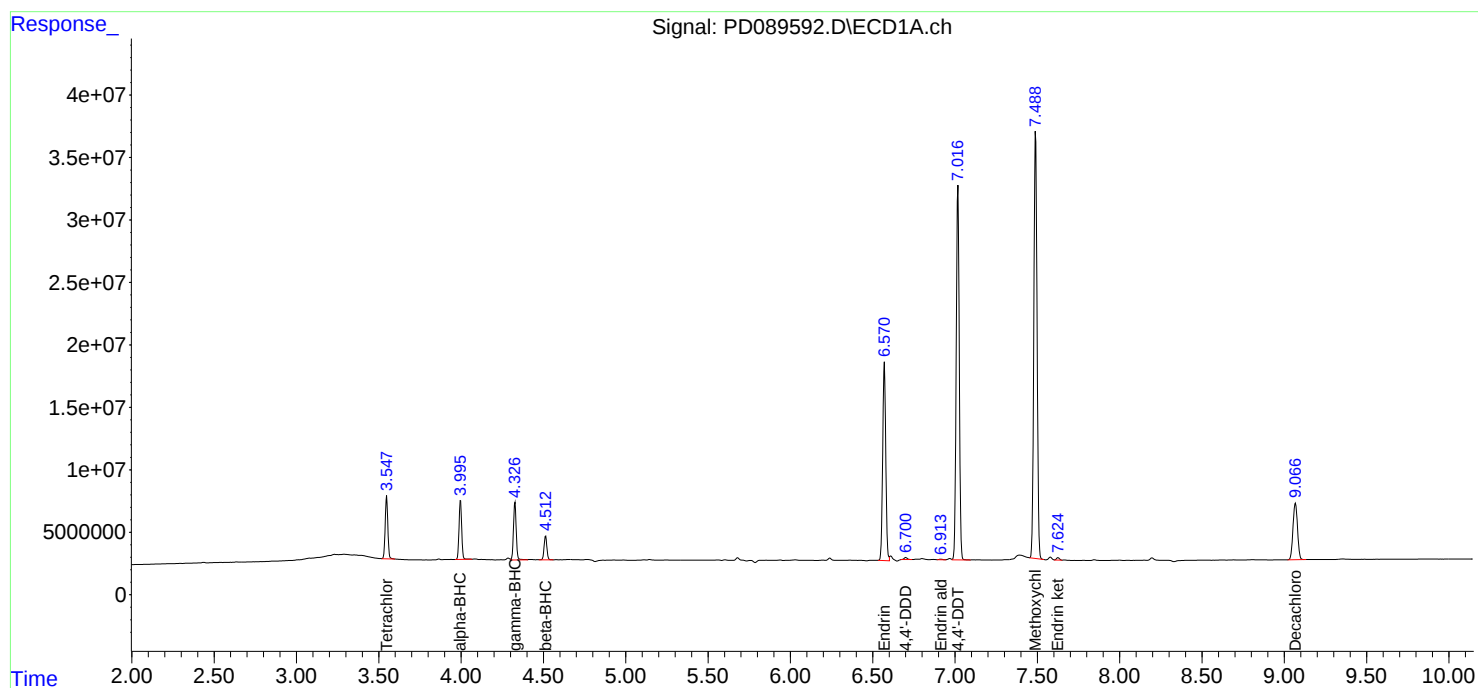
Instrument :
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ClientSampleId :
PEM

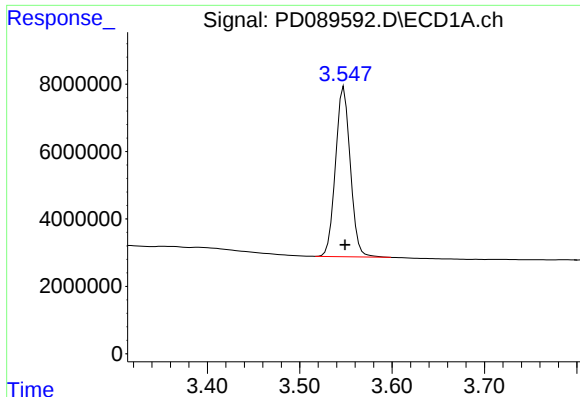
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 02:09:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response 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





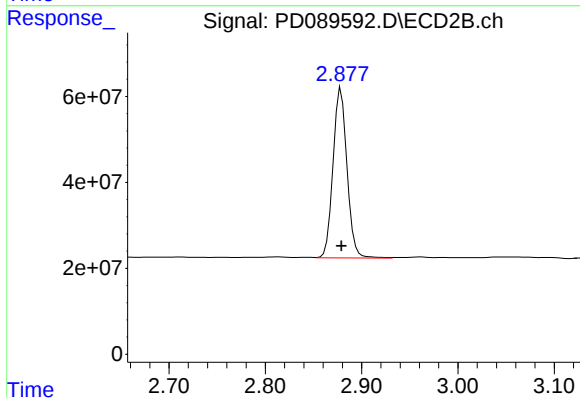
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.001 min
Response: 56117111
Conc: 19.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

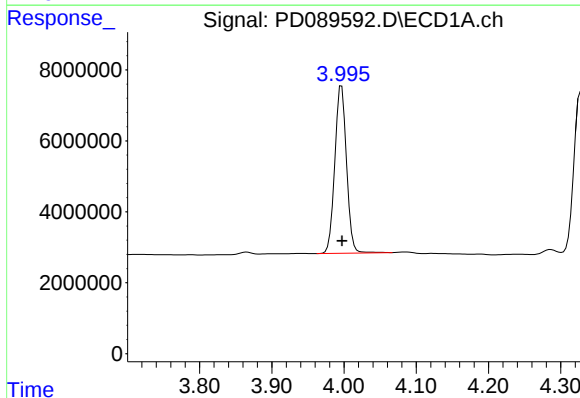
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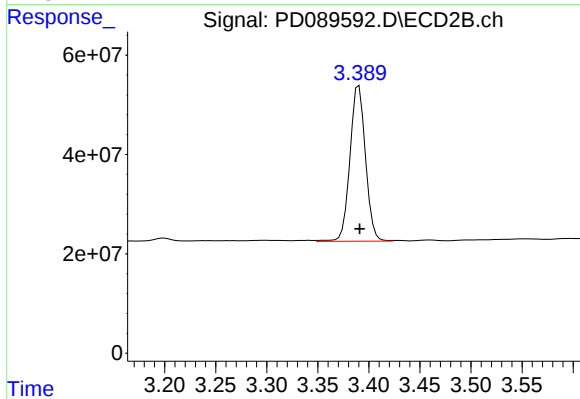
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.000 min
Response: 399614682
Conc: 20.42 ng/ml



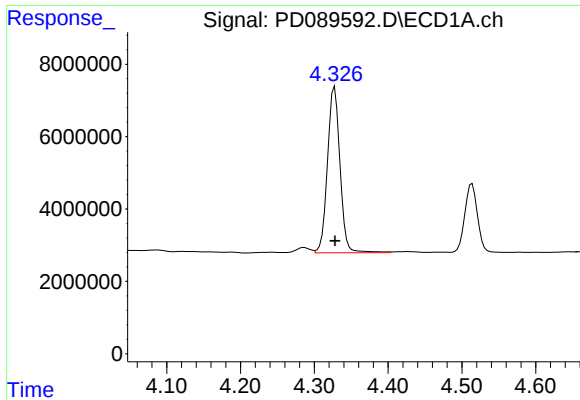
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 53298254
Conc: 9.33 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 331757110
Conc: 11.04 ng/ml



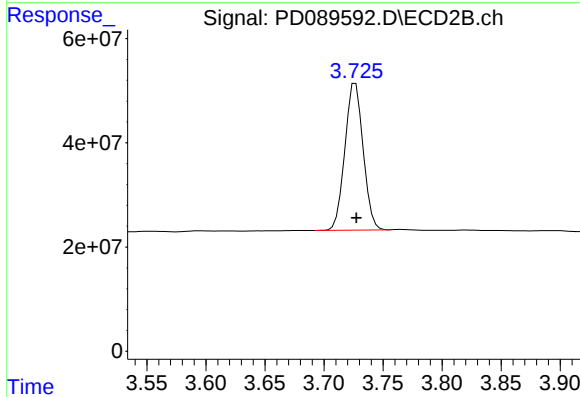
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 54146111
Conc: 9.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

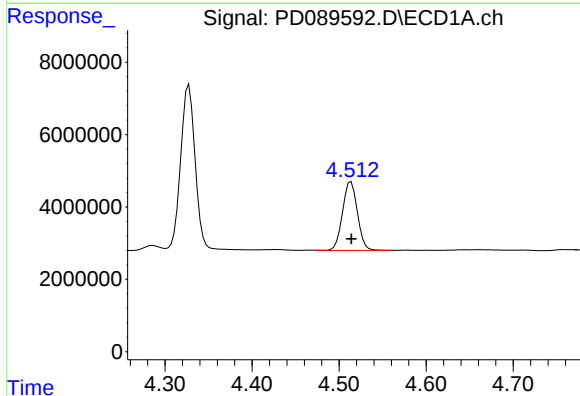
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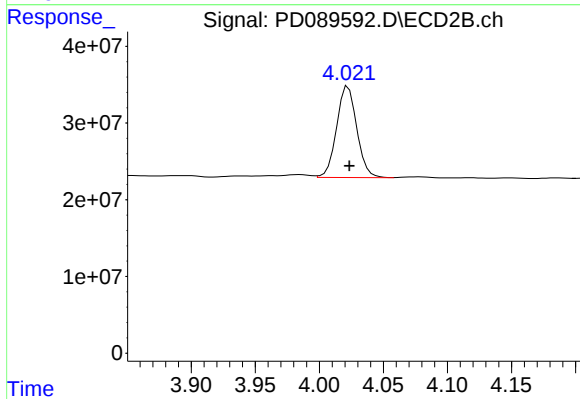
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 303540312
Conc: 10.93 ng/ml



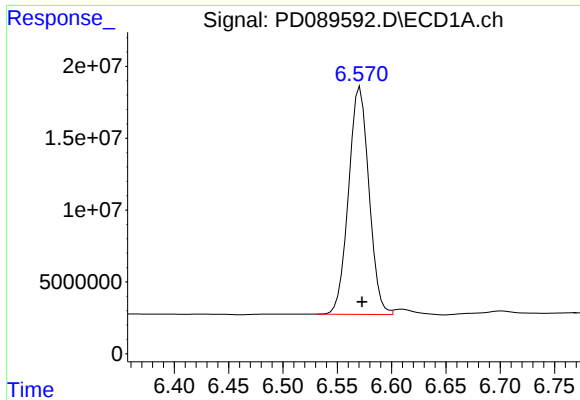
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 22580257
Conc: 10.47 ng/ml



#6 beta-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 130654966
Conc: 10.98 ng/ml



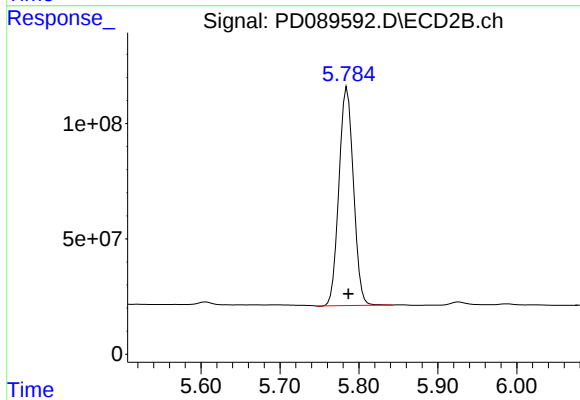
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 206960322
Conc: 50.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

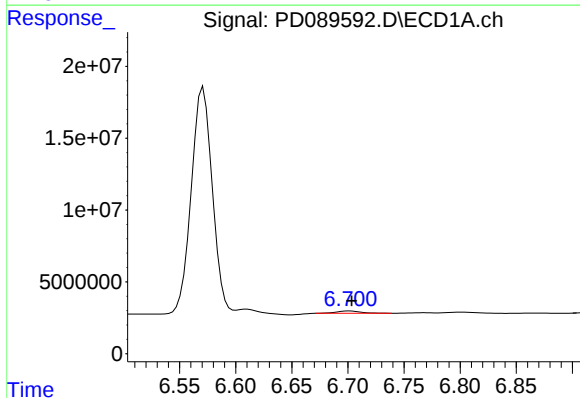
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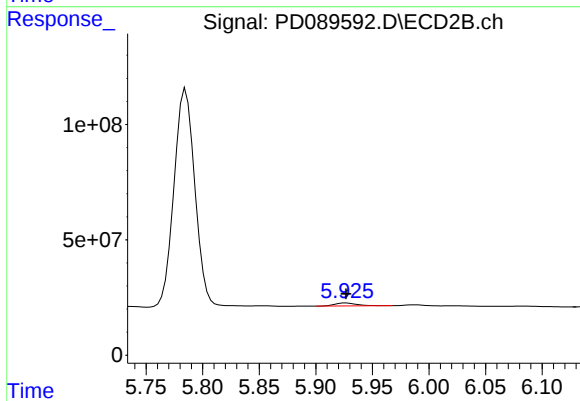
#14 Endrin

R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 1206048626
Conc: 49.87 ng/ml



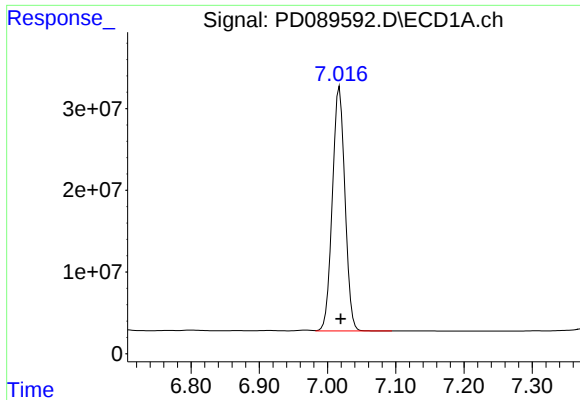
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.003 min
Response: 2409365
Conc: 0.71 ng/ml m



#16 4,4'-DDD

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 17852326
Conc: 0.81 ng/ml



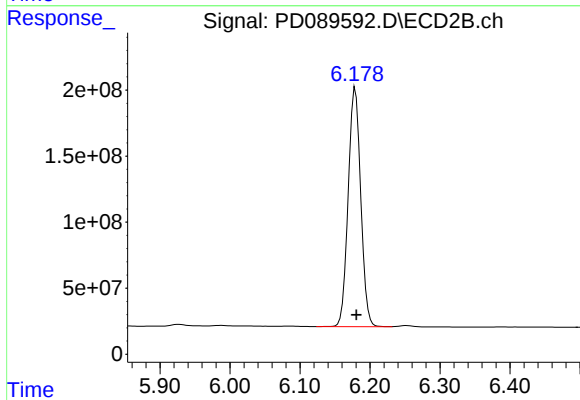
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 382481486
Conc: 101.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

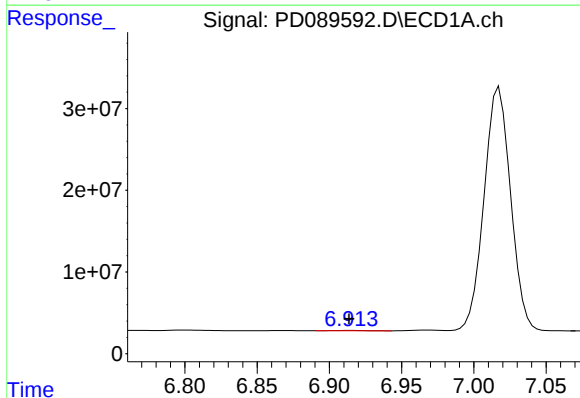
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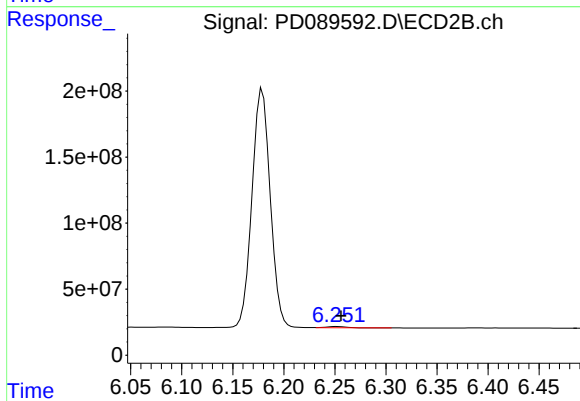
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 2257178002
Conc: 96.43 ng/ml



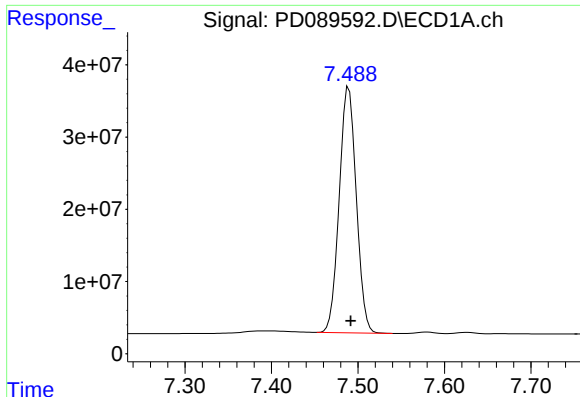
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.001 min
Response: 725326
Conc: 0.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.004 min
Response: 12253663
Conc: 0.74 ng/ml



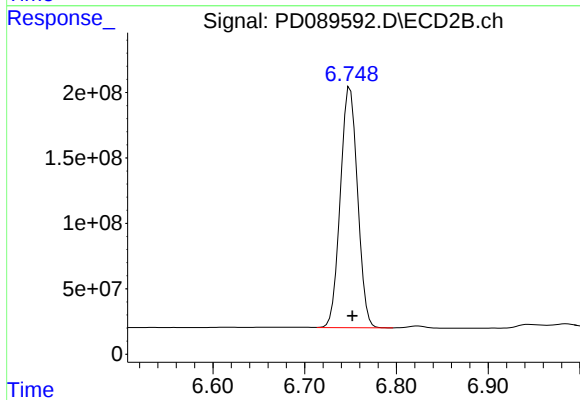
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 464134137
Conc: 231.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

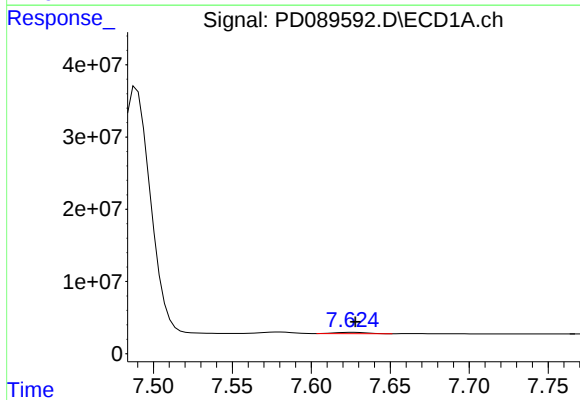
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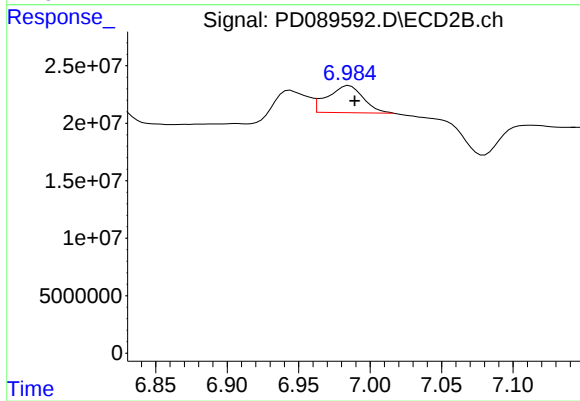
#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 2396738028
Conc: 196.58 ng/ml



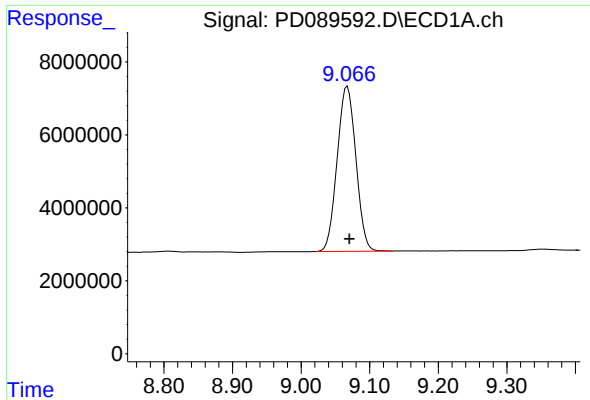
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: -0.004 min
Response: 2546794
Conc: 0.63 ng/ml m



#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.005 min
Response: 40335114
Conc: 1.65 ng/ml m



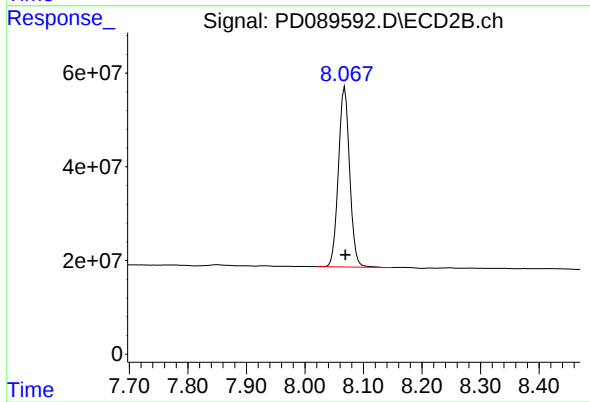
#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 85866937
Conc: 20.91 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: 512120464
Conc: 20.84 ng/ml