

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052725\
 Data File : PD088736.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 May 2025 08:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/28/2025
 Supervised By : mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 14:01:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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 x 0.5 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...	3.551	2.881	47510228	331.6E6	21.957	21.924
28)	SA Decachlor...	9.072	8.072	71660217	343.3E6	20.939	18.803
Target Compounds							
2)	A alpha-BHC	4.000	3.394	46943896	267.6E6	9.828	11.195
3)	MA gamma-BHC...	4.331	3.730	46611864	246.2E6	10.127	11.108
6)	B beta-BHC	4.516	4.025	19870162	110.4E6	11.020	11.329
12)	B 4,4'-DDE	6.195	5.375	693203	3771357	0.193m	0.180
14)	MA Endrin	6.574	5.789	169.2E6	853.9E6	49.532	44.278
16)	A 4,4'-DDD	6.705	5.929	29236342	186.2E6	10.497	10.708
17)	MA 4,4'-DDT	7.020	6.183	254.9E6	1333.1E6	81.652	73.501
18)	B Endrin al...	6.916	6.258	1475704	12635403	0.573	0.907 #
20)	A Methoxychlor	7.492	6.754	322.5E6	1352.6E6	193.063	141.269 #
21)	B Endrin ke...	7.629	6.990	8028246	57996661	2.345	2.998 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052725\
Data File : PD088736.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 2025 08:56
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

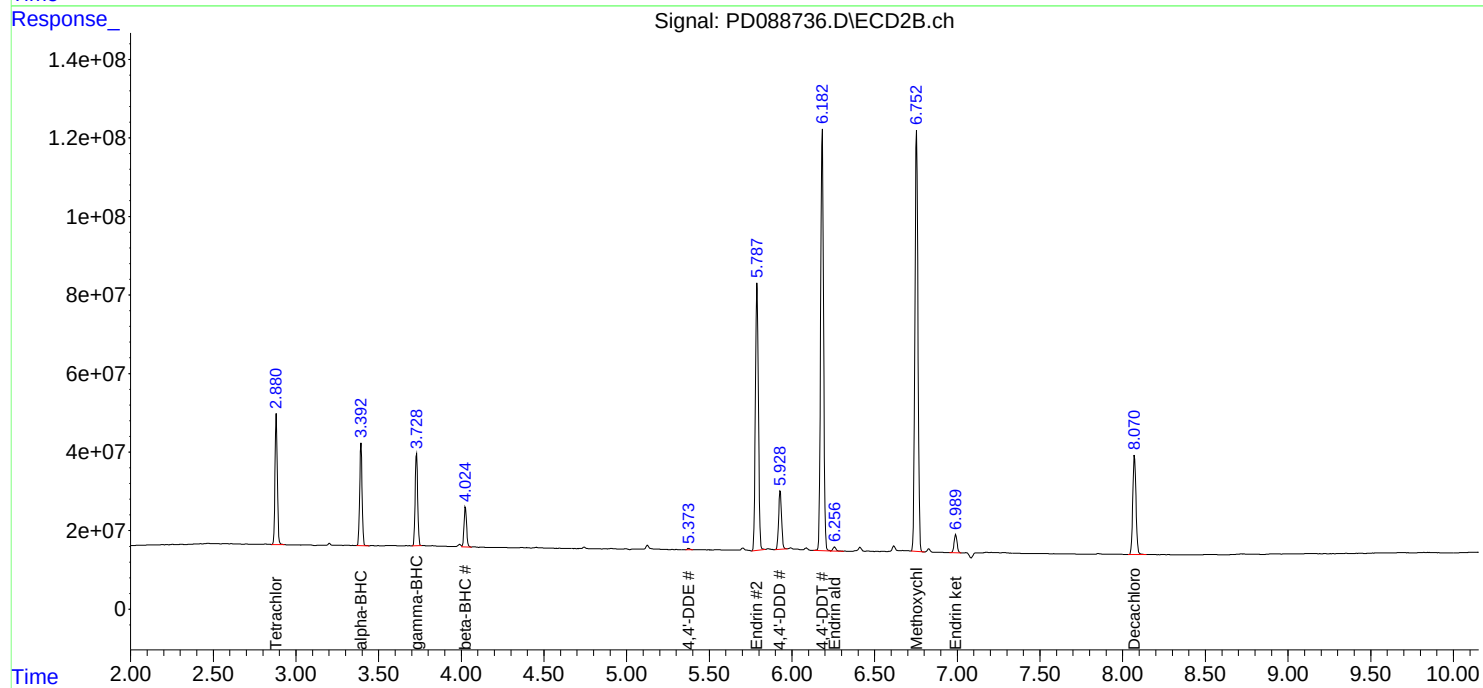
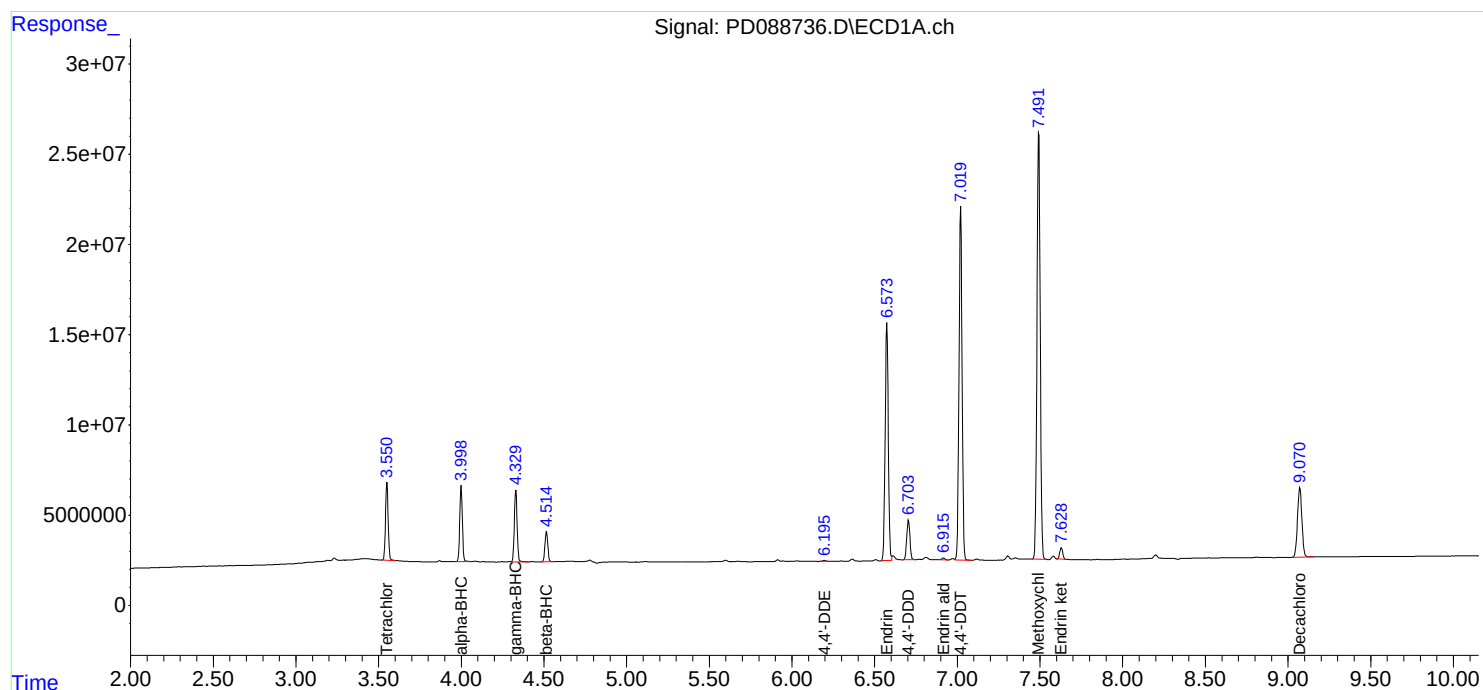
Instrument :
ECD_D
ClientSampleId :
PEM

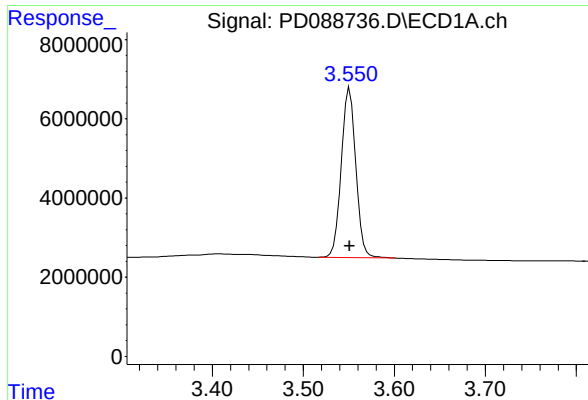
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 14:01:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response 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





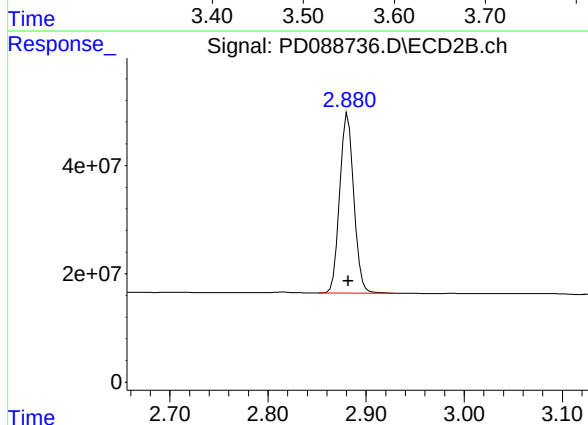
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 47510228
Conc: 21.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

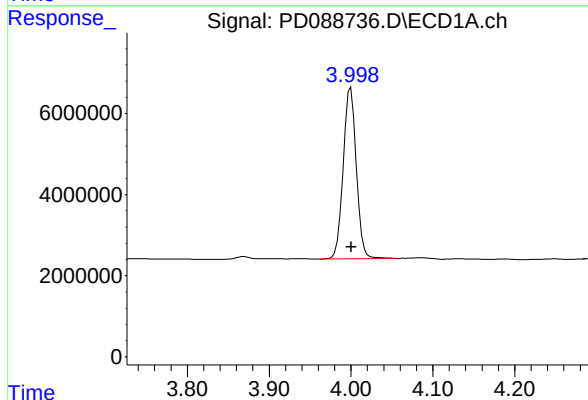
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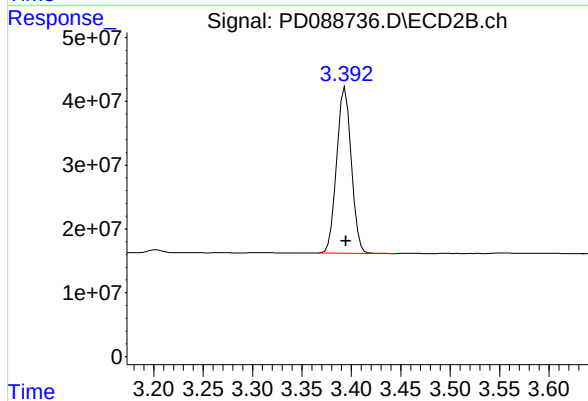
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 331642157
Conc: 21.92 ng/ml



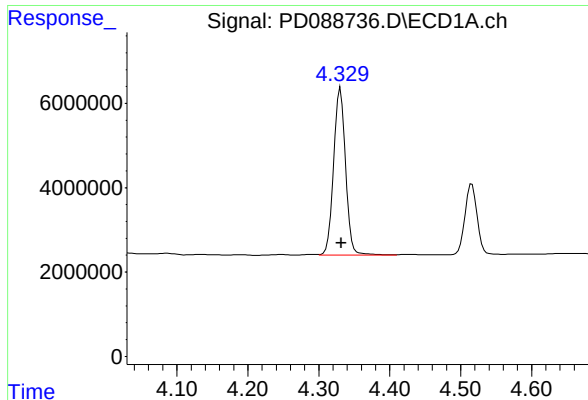
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 46943896
Conc: 9.83 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 267606656
Conc: 11.20 ng/ml



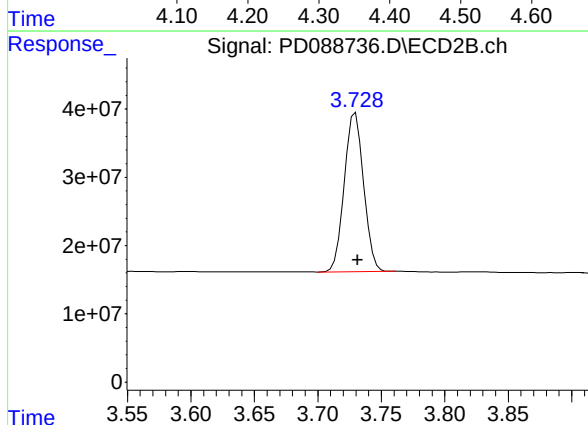
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 46611864
Conc: 10.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

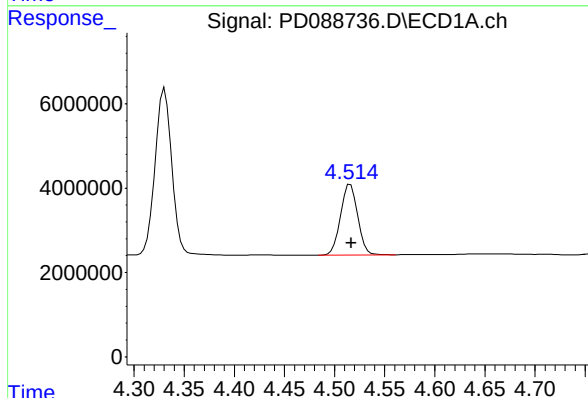
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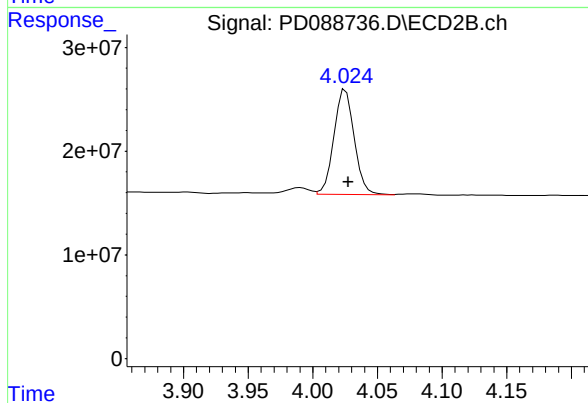
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.002 min
Response: 246221213
Conc: 11.11 ng/ml



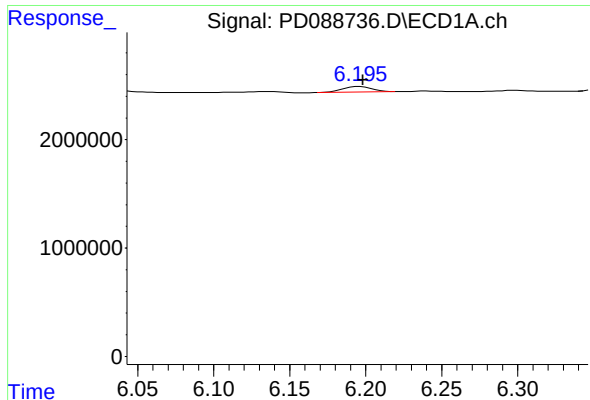
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 19870162
Conc: 11.02 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 110364509
Conc: 11.33 ng/ml



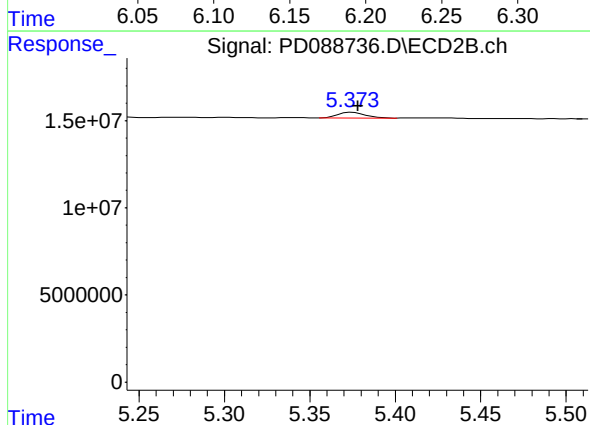
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 693203
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

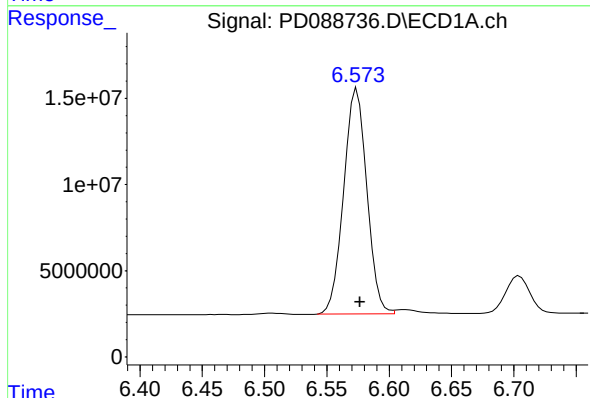
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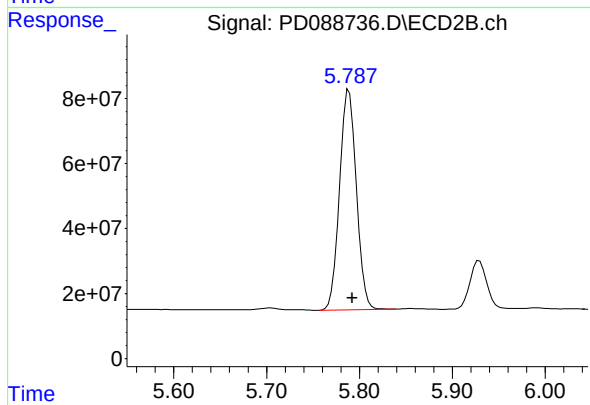
#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 3771357
Conc: 0.18 ng/ml



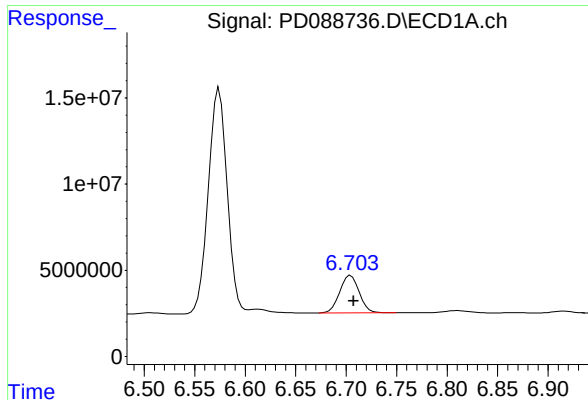
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 169159400
Conc: 49.53 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 853857686
Conc: 44.28 ng/ml



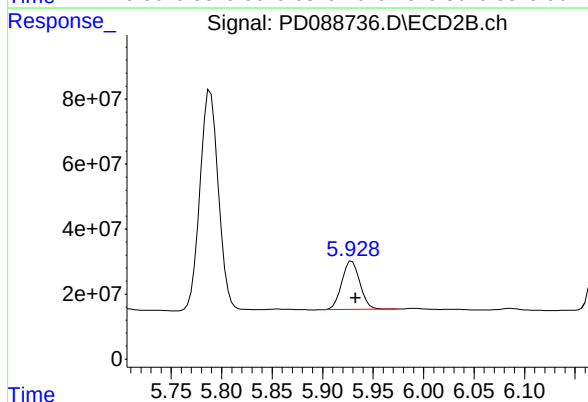
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.003 min
Response: 29236342
Conc: 10.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

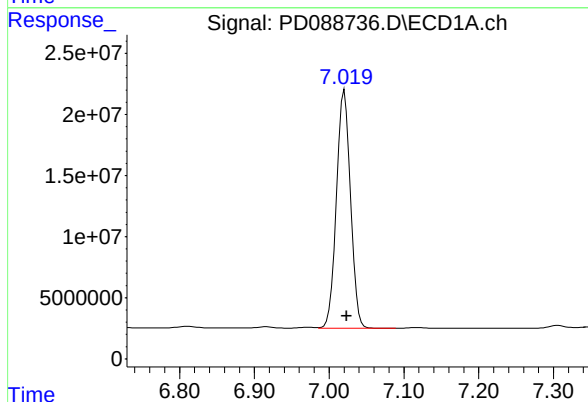
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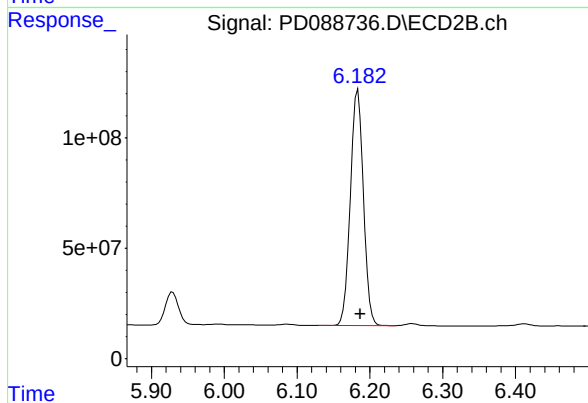
#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 186230375
Conc: 10.71 ng/ml



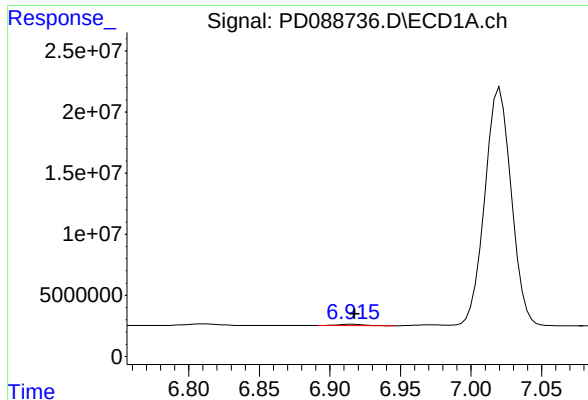
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 254919979
Conc: 81.65 ng/ml



#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 1333114636
Conc: 73.50 ng/ml



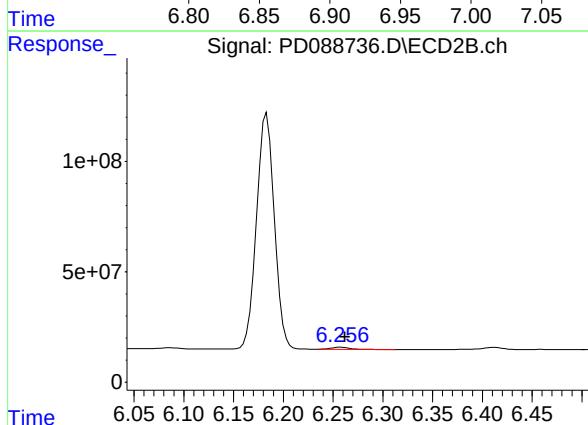
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: -0.001 min
Response: 1475704
Conc: 0.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

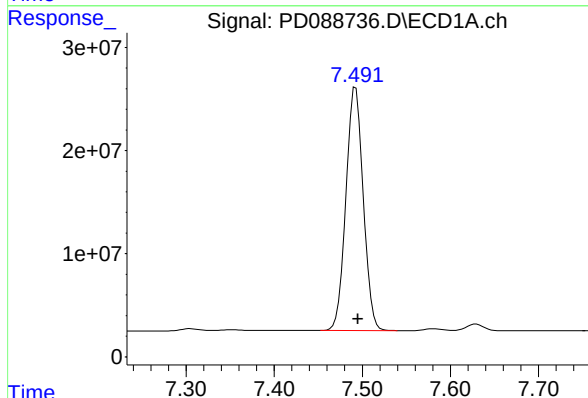
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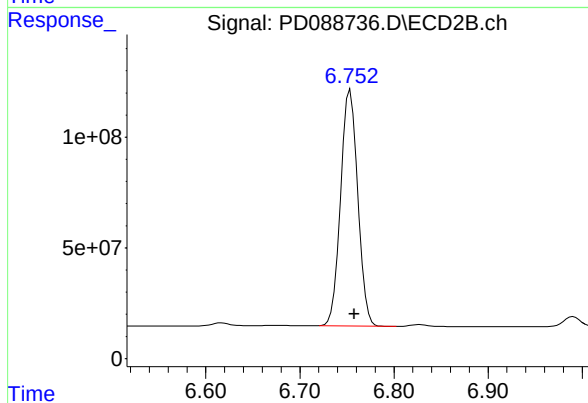
#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 12635403
Conc: 0.91 ng/ml



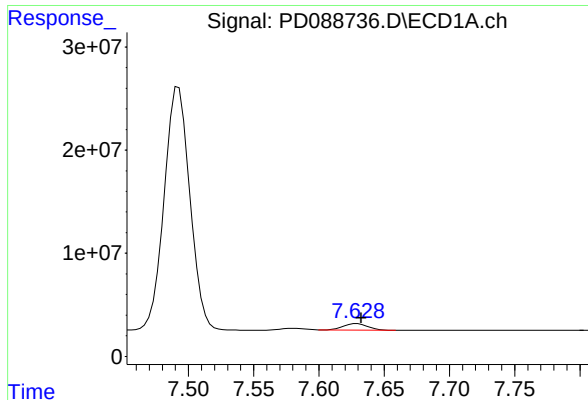
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 322521641
Conc: 193.06 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 1352625623
Conc: 141.27 ng/ml



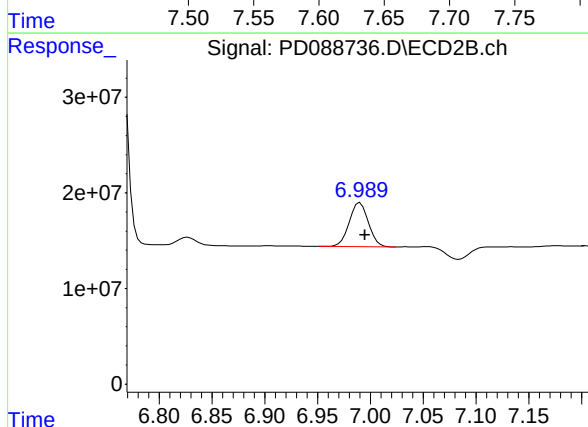
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.003 min
Response: 8028246
Conc: 2.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

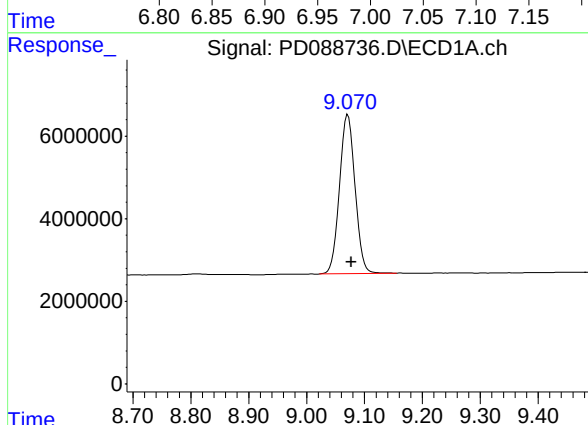
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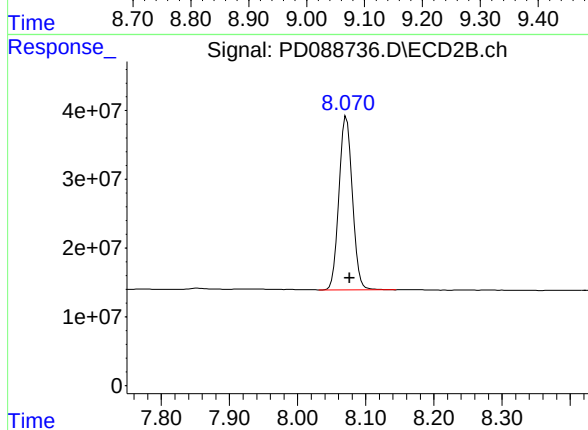
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 57996661
Conc: 3.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: -0.006 min
Response: 71660217
Conc: 20.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 343267758
Conc: 18.80 ng/ml