

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060722\
 Data File : PD070170.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2022 16:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/08/2022
 Supervised By : Ankita Jodhani 06/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 01:17:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 06:00:04 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.441	4.168	24569222	225.8E6	22.631	23.136
28)	SA Decachlor...	8.192	9.361	24904791	142.4E6	22.394	23.154
Target Compounds							
2)	A alpha-BHC	3.879	4.564	17490543	171.9E6	10.694	11.797
3)	MA gamma-BHC...	4.162	4.855	17116651	161.8E6	11.116	11.992
6)	B beta-BHC	4.414	5.020	8714800	76606020	12.114	12.583
12)	B 4,4'-DDE	5.598	6.542	344783	4487293	0.276m	0.428m#
14)	MA Endrin	5.990	6.924	63899533	465.2E6	53.060	55.415
16)	A 4,4'-DDD	6.117	7.036	4115843	36894483	3.790	4.387
17)	MA 4,4'-DDT	6.357	7.339	115.5E6	814.6E6	108.823	94.912
18)	B Endrin al...	6.433	7.252	1949458	10647857	2.107	1.552m#
20)	A Methoxychlor	6.907	7.792	153.3E6	957.3E6	248.577	227.028
21)	B Endrin ke...	7.138	7.954	4456890	28925706	3.311	3.334

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

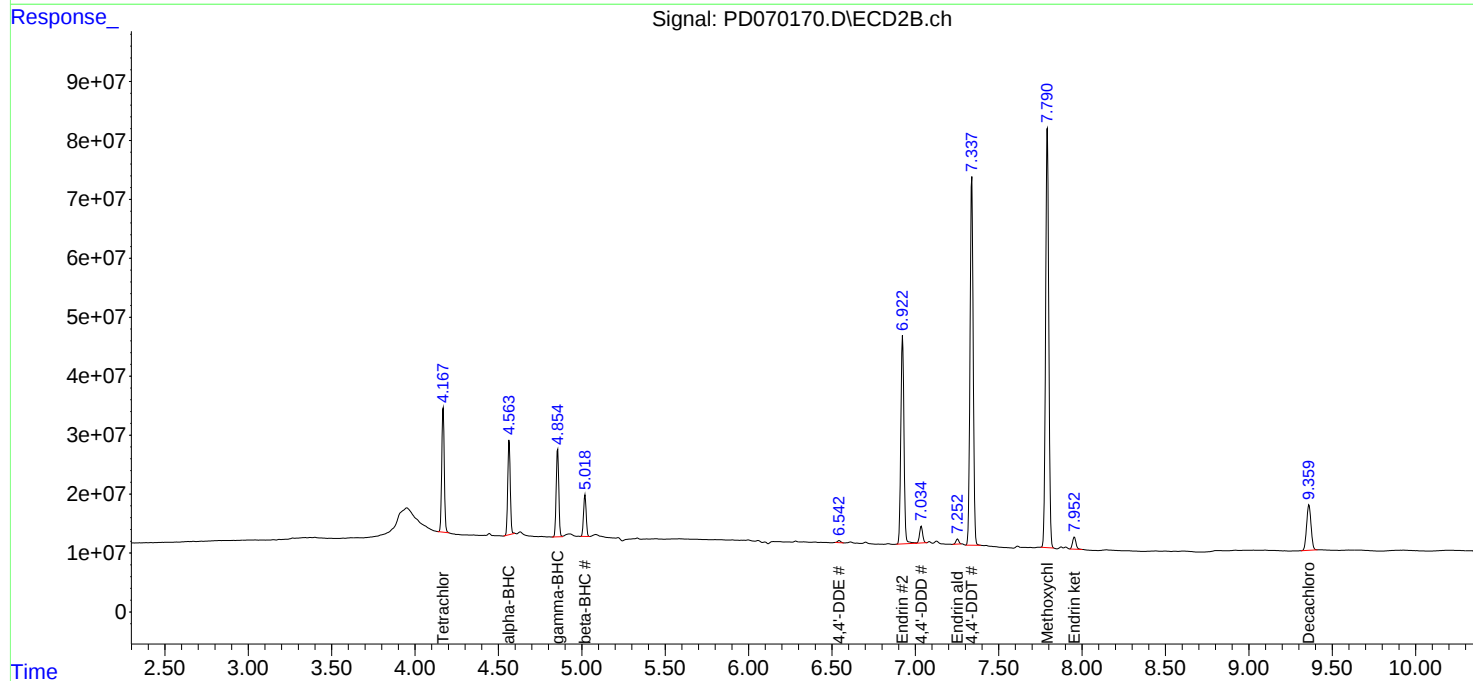
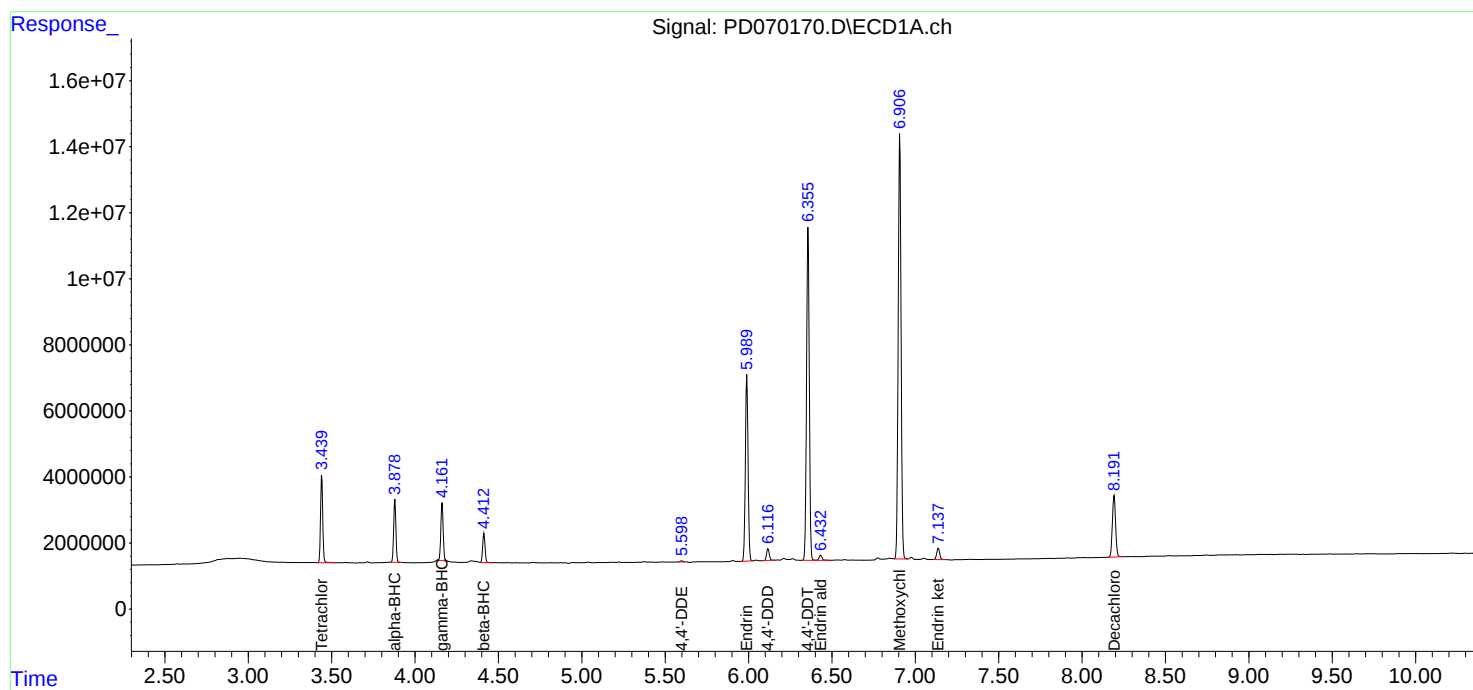
Instrument :
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ClientSampleId :
PEM

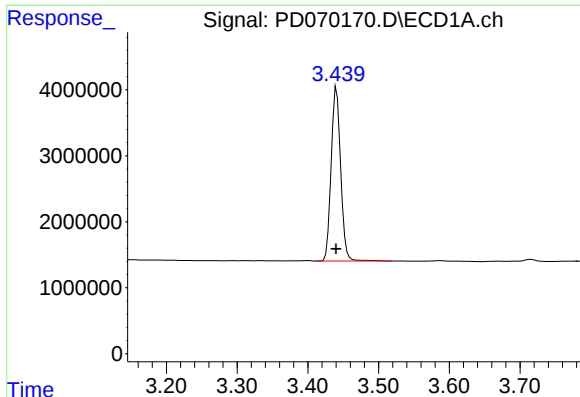
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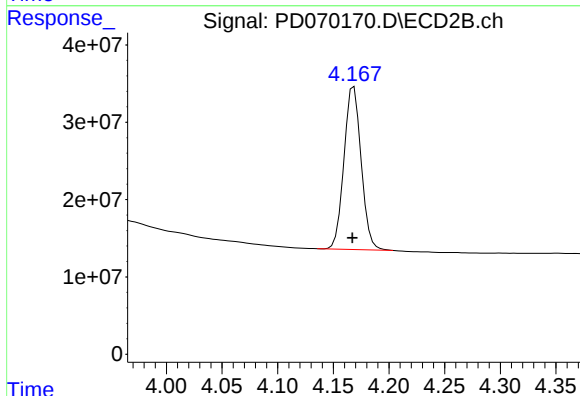
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 24569222
Conc: 22.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

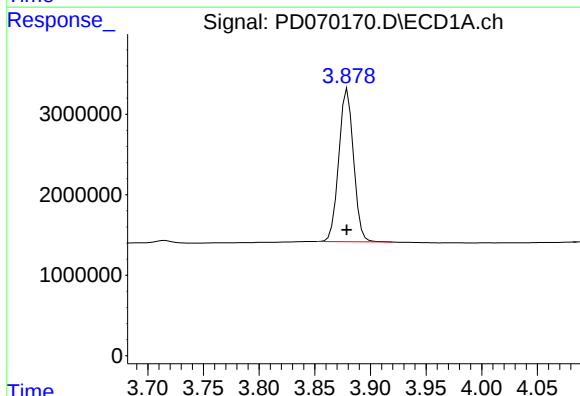
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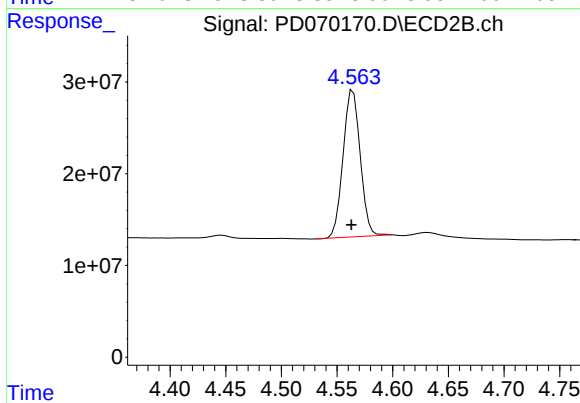
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: 0.001 min
Response: 225835302
Conc: 23.14 ng/ml



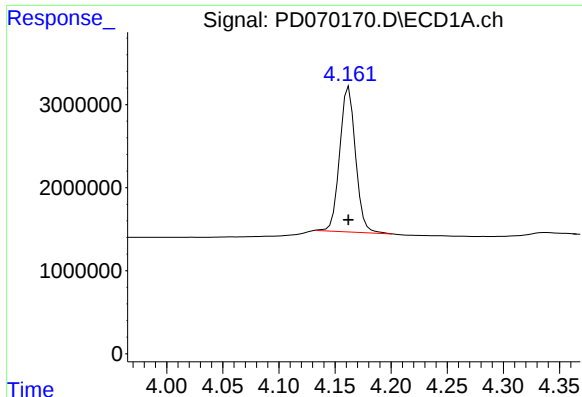
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: 0.000 min
Response: 17490543
Conc: 10.69 ng/ml



#2 alpha-BHC

R.T.: 4.564 min
Delta R.T.: 0.001 min
Response: 171931933
Conc: 11.80 ng/ml



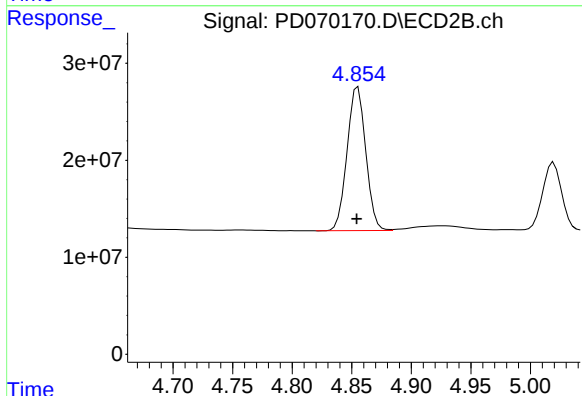
#3 gamma-BHC (Lindane)

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 17116651
Conc: 11.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

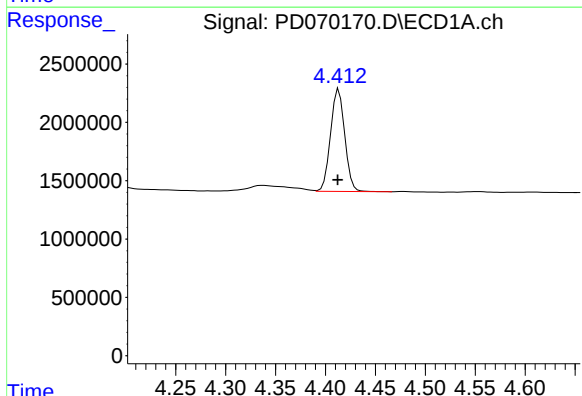
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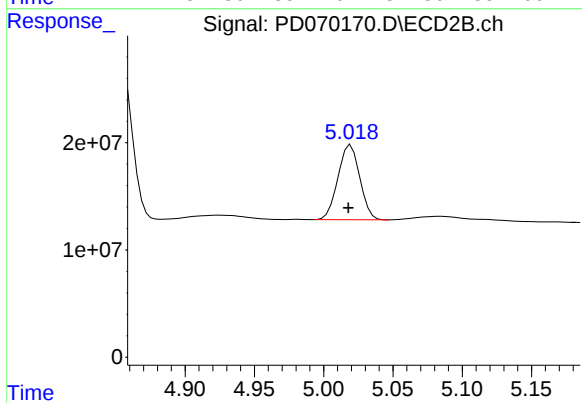
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: 0.001 min
Response: 161811769
Conc: 11.99 ng/ml



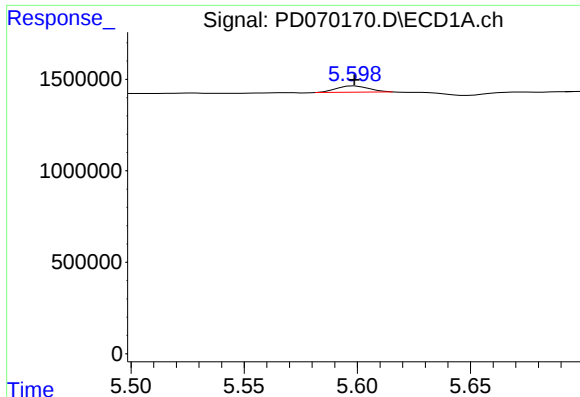
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.001 min
Response: 8714800
Conc: 12.11 ng/ml



#6 beta-BHC

R.T.: 5.020 min
Delta R.T.: 0.002 min
Response: 76606020
Conc: 12.58 ng/ml



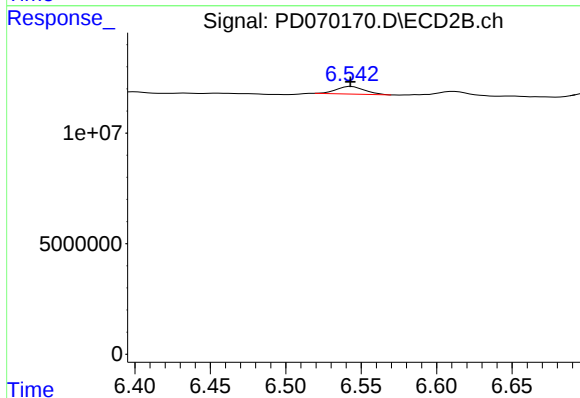
#12 4,4'-DDE

R.T.: 5.598 min
Delta R.T.: -0.001 min
Response: 344783
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

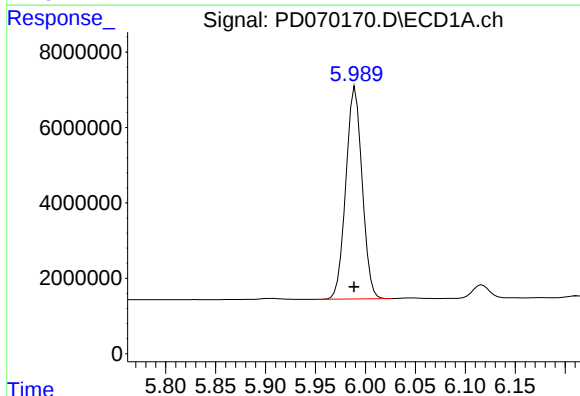
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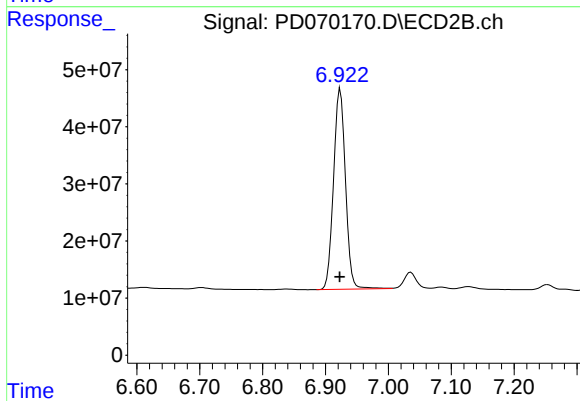
#12 4,4'-DDE

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 4487293
Conc: 0.43 ng/ml m



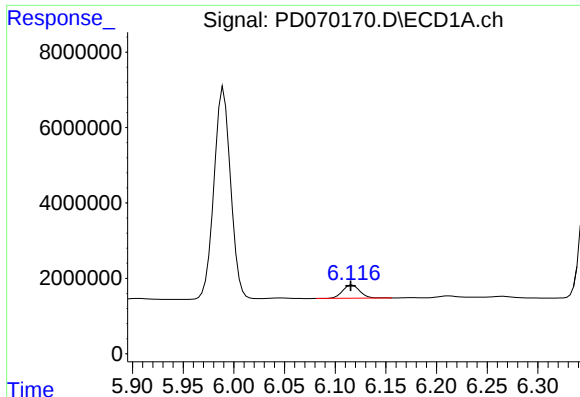
#14 Endrin

R.T.: 5.990 min
Delta R.T.: 0.001 min
Response: 63899533
Conc: 53.06 ng/ml



#14 Endrin

R.T.: 6.924 min
Delta R.T.: 0.001 min
Response: 465153570
Conc: 55.42 ng/ml



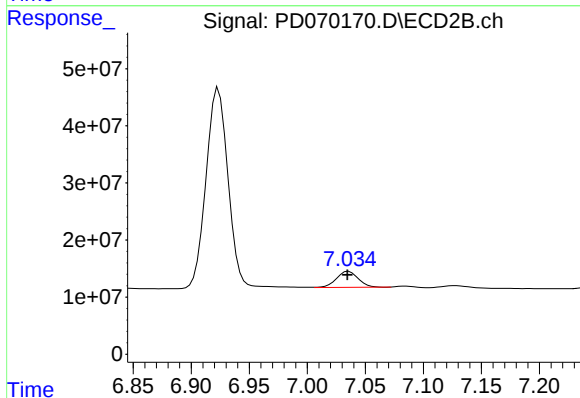
#16 4,4'-DDD

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 4115843
Conc: 3.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

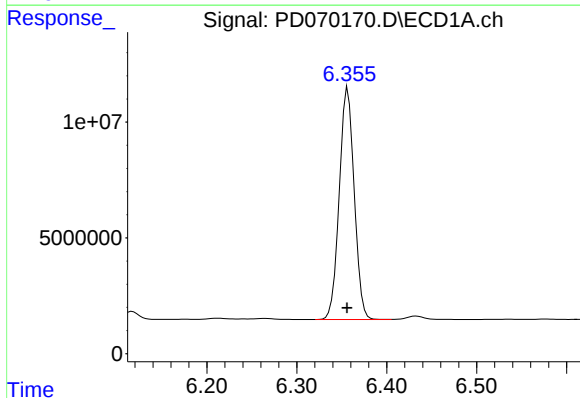
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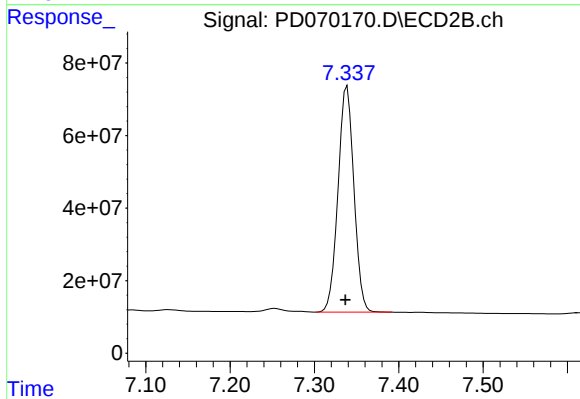
#16 4,4'-DDD

R.T.: 7.036 min
Delta R.T.: 0.001 min
Response: 36894483
Conc: 4.39 ng/ml



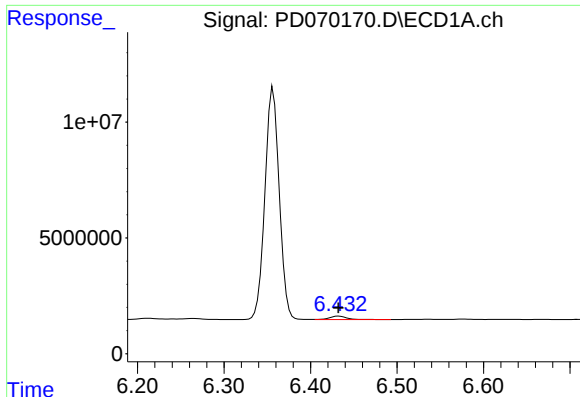
#17 4,4'-DDT

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 115451055
Conc: 108.82 ng/ml



#17 4,4'-DDT

R.T.: 7.339 min
Delta R.T.: 0.002 min
Response: 814641468
Conc: 94.91 ng/ml



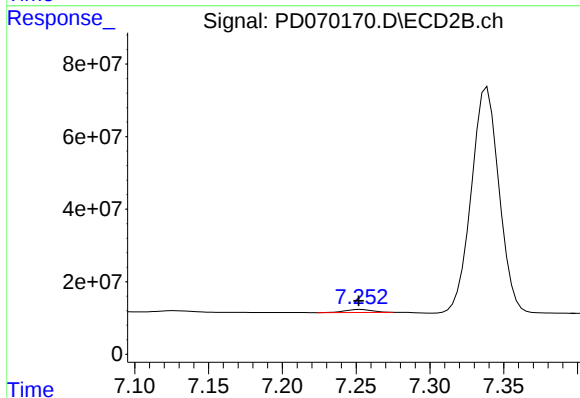
#18 Endrin aldehyde

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 1949458
Conc: 2.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

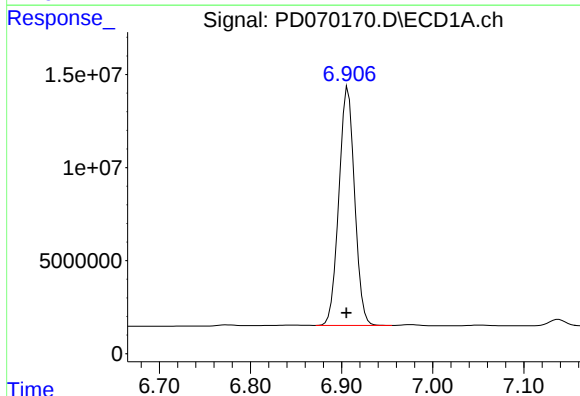
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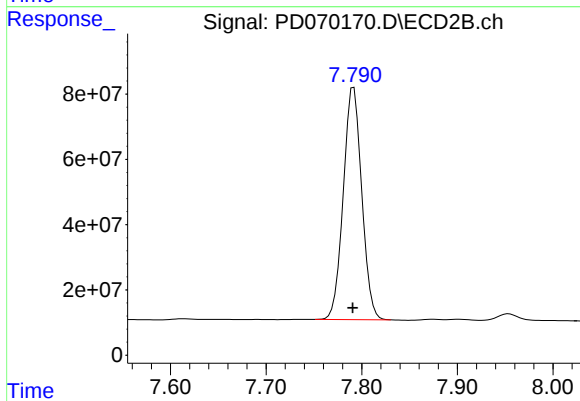
#18 Endrin aldehyde

R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 10647857
Conc: 1.55 ng/ml m



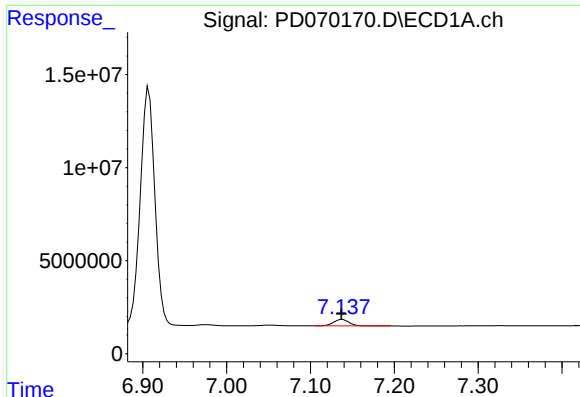
#20 Methoxychlor

R.T.: 6.907 min
Delta R.T.: 0.002 min
Response: 153254702
Conc: 248.58 ng/ml



#20 Methoxychlor

R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 957283497
Conc: 227.03 ng/ml



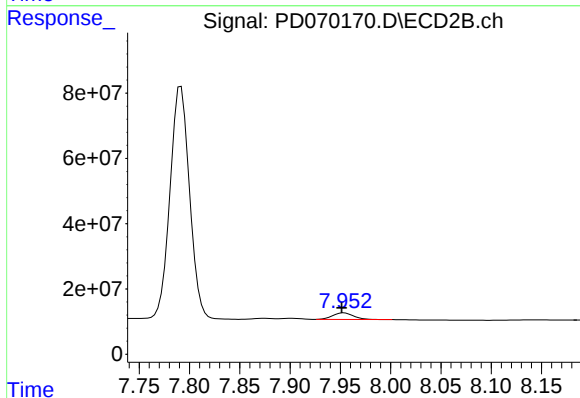
#21 Endrin ketone

R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 4456890
Conc: 3.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

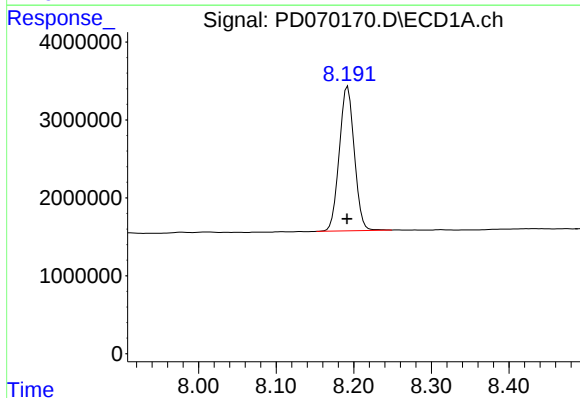
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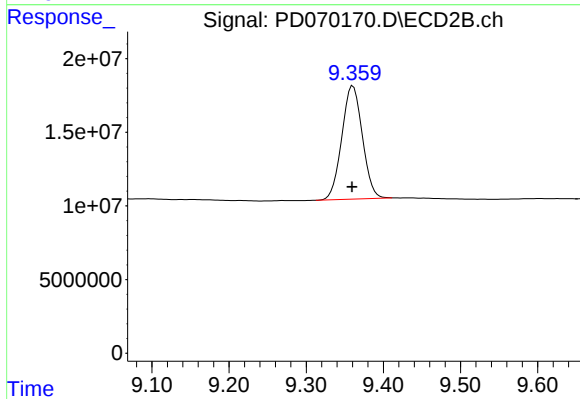
#21 Endrin ketone

R.T.: 7.954 min
Delta R.T.: 0.002 min
Response: 28925706
Conc: 3.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.192 min
Delta R.T.: 0.001 min
Response: 24904791
Conc: 22.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.361 min
Delta R.T.: 0.001 min
Response: 142410579
Conc: 23.15 ng/ml