

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052122\
 Data File : PD069729.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2022 10:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/24/2022
 Supervised By :Ankita Jodhani 05/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 02:51:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
 Quant Title : GC Extractables
 QLast Update : Mon May 23 02:08:05 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...	3.453	4.172	19948868	209.3E6	19.907	21.907
28)	SA Decachlor...	8.209	9.372	23410344	135.6E6	21.703	22.624
Target Compounds							
2)	A alpha-BHC	3.892	4.569	14329376	159.1E6	9.595	11.404
3)	MA gamma-BHC...	4.176	4.860	13892753	145.2E6	9.410	11.341
6)	B beta-BHC	4.427	5.024	7101180	72124076	10.902	12.846
12)	B 4,4'-DDE	5.614	6.550	318856	5671348	0.275m	0.571 #
14)	MA Endrin	6.006	6.930	56163205	407.6E6	50.547	50.141
16)	A 4,4'-DDD	6.133	7.043	1422859	15180823	1.429	1.874 #
17)	MA 4,4'-DDT	6.373	7.345	102.3E6	765.1E6	106.587	93.039
18)	B Endrin al...	6.448	7.260	1313208	5307428	1.527	0.832 #
20)	A Methoxychlor	6.924	7.798	136.7E6	896.4E6	237.196	217.384
21)	B Endrin ke...	7.154	7.961	1998749	15019859	1.595	1.798

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

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Acq On : 20 May 2022 10:10
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ALS Vial : 3 Sample Multiplier: 1

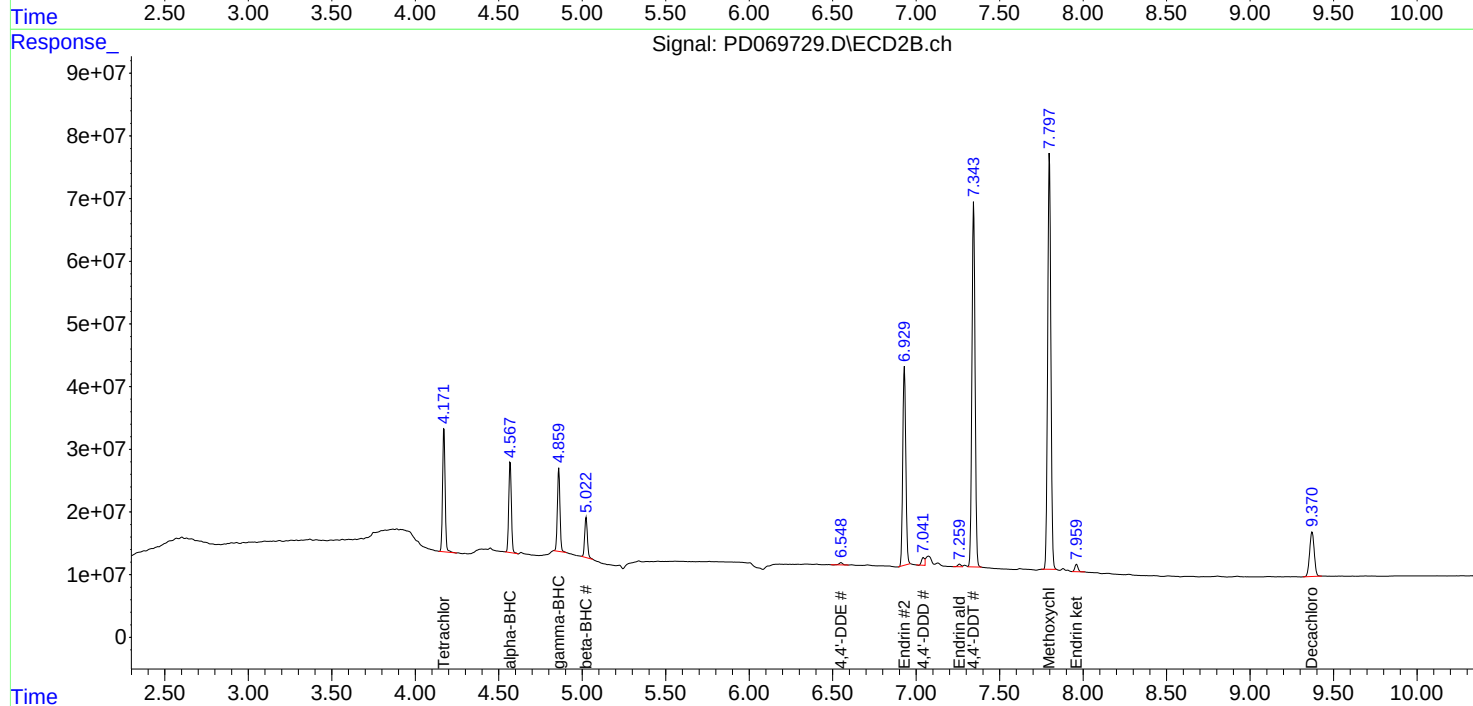
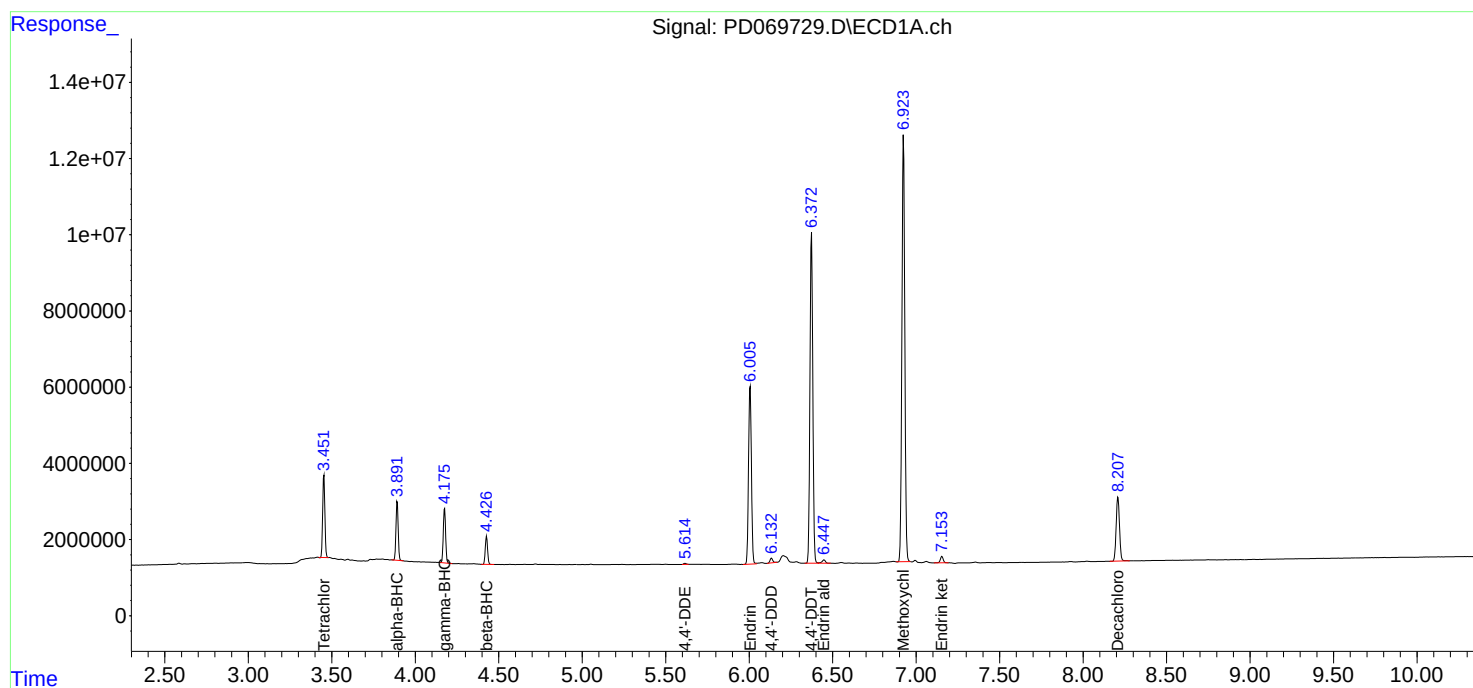
Instrument :
ECD_D
ClientSampleId :
PEM

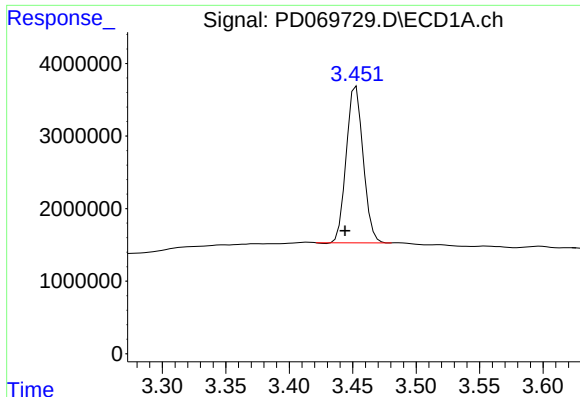
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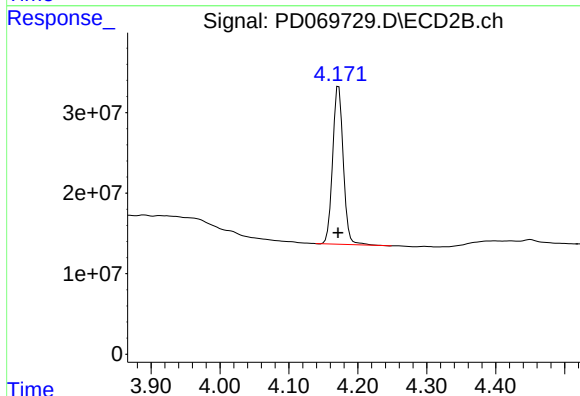
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: 0.009 min
Response: 19948868
Conc: 19.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

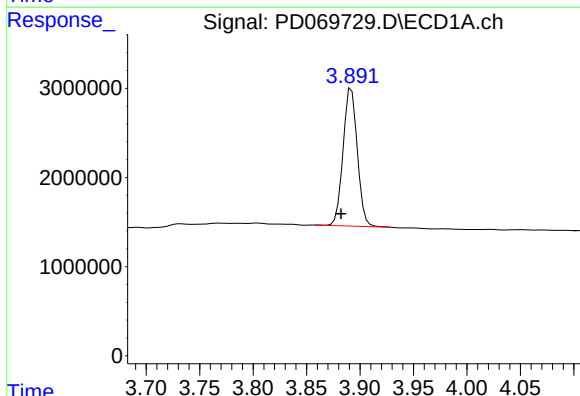
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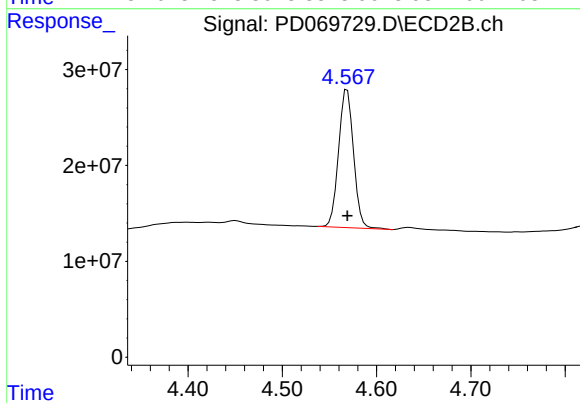
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 209301465
Conc: 21.91 ng/ml



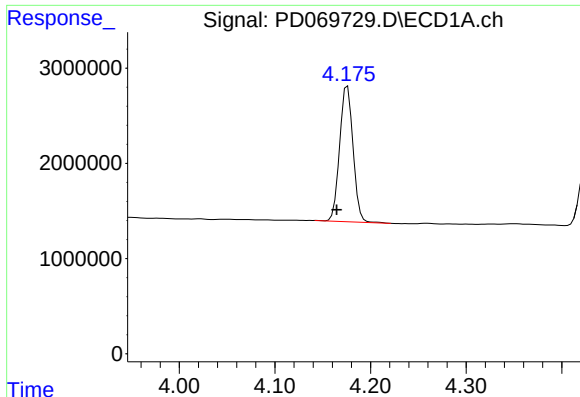
#2 alpha-BHC

R.T.: 3.892 min
Delta R.T.: 0.010 min
Response: 14329376
Conc: 9.59 ng/ml



#2 alpha-BHC

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 159066886
Conc: 11.40 ng/ml



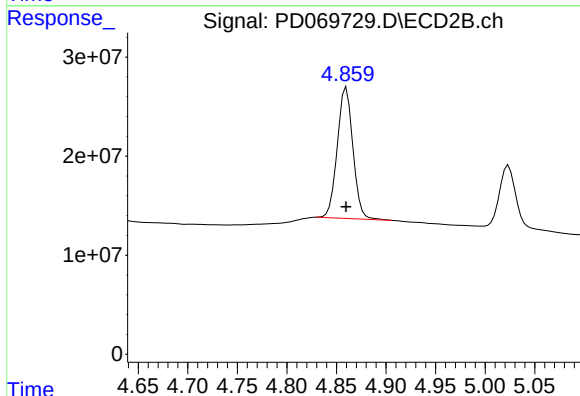
#3 gamma-BHC (Lindane)

R.T.: 4.176 min
Delta R.T.: 0.011 min
Response: 13892753
Conc: 9.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

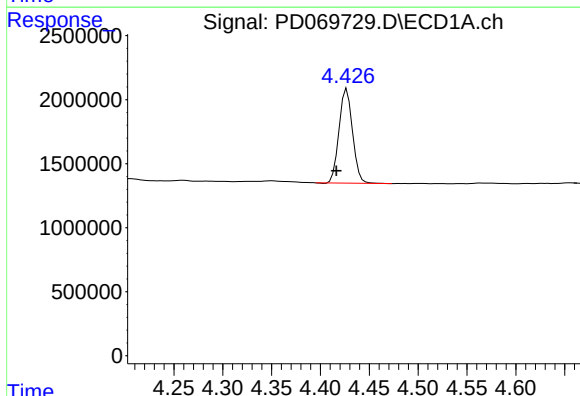
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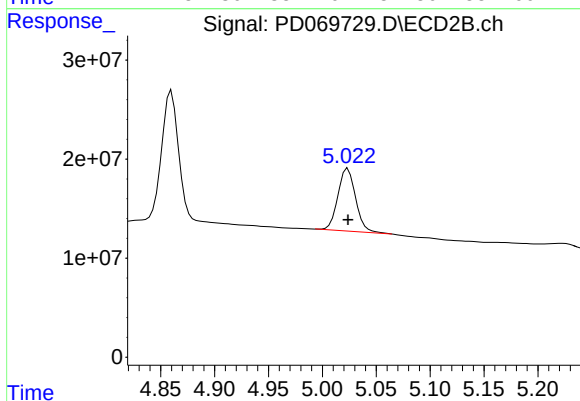
#3 gamma-BHC (Lindane)

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 145240938
Conc: 11.34 ng/ml



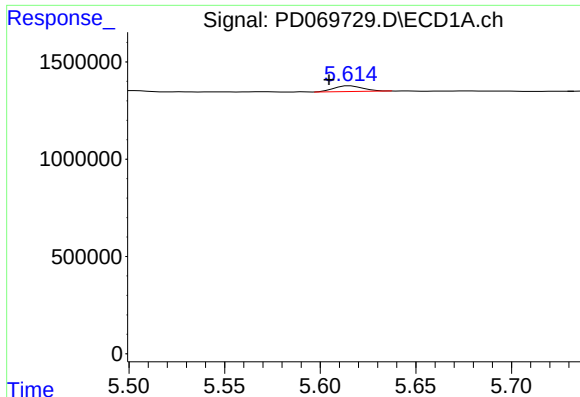
#6 beta-BHC

R.T.: 4.427 min
Delta R.T.: 0.011 min
Response: 7101180
Conc: 10.90 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 72124076
Conc: 12.85 ng/ml



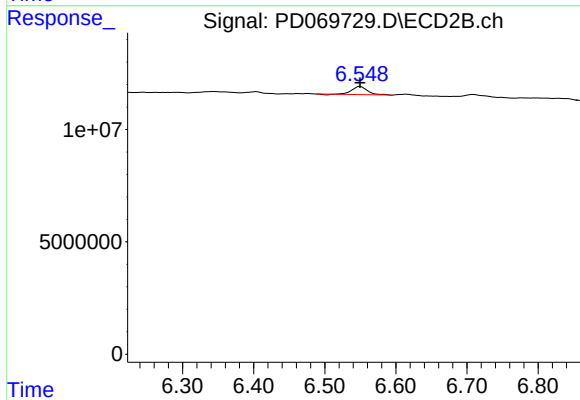
#12 4,4'-DDE

R.T.: 5.614 min
Delta R.T.: 0.010 min
Response: 318856
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

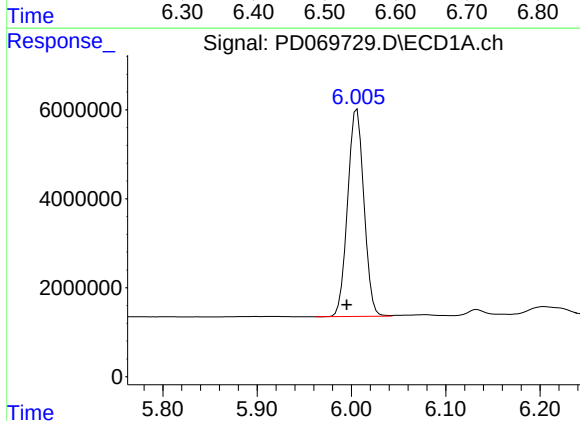
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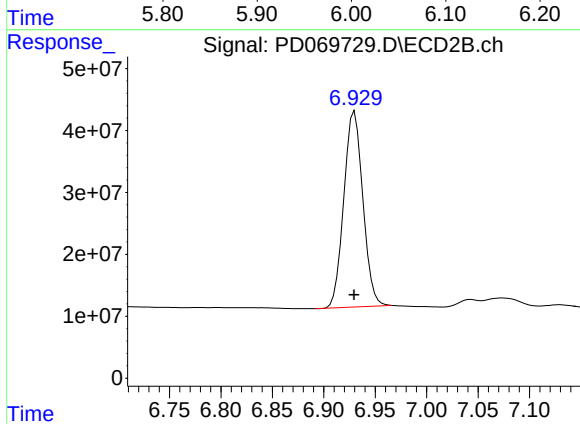
#12 4,4'-DDE

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 5671348
Conc: 0.57 ng/ml



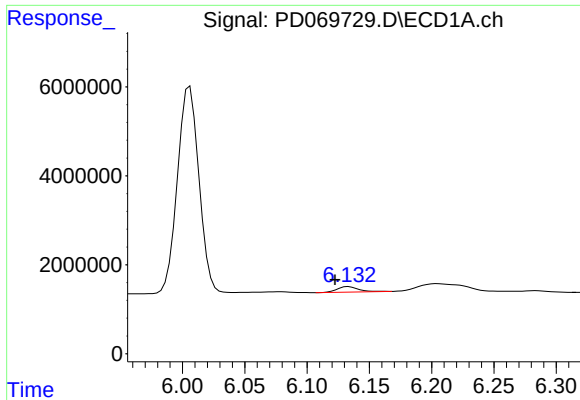
#14 Endrin

R.T.: 6.006 min
Delta R.T.: 0.011 min
Response: 56163205
Conc: 50.55 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 407553319
Conc: 50.14 ng/ml



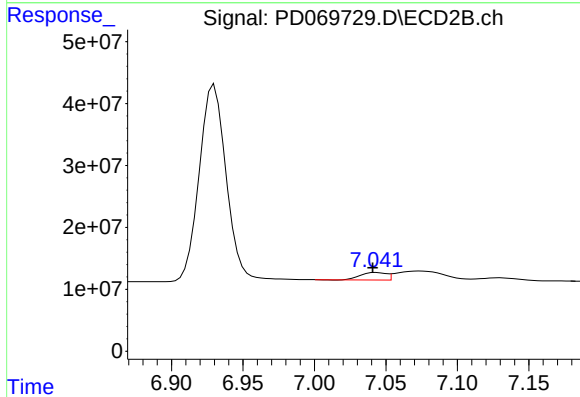
#16 4,4'-DDD

R.T.: 6.133 min
Delta R.T.: 0.011 min
Response: 1422859
Conc: 1.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

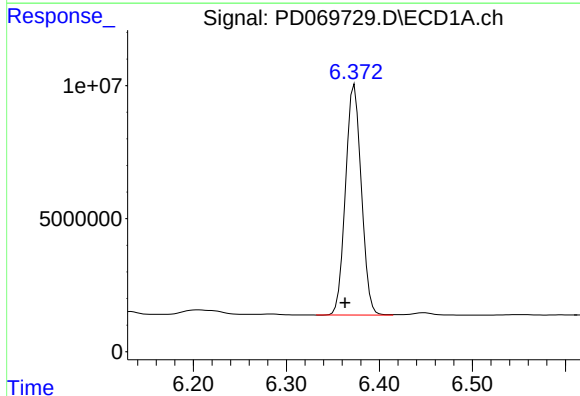
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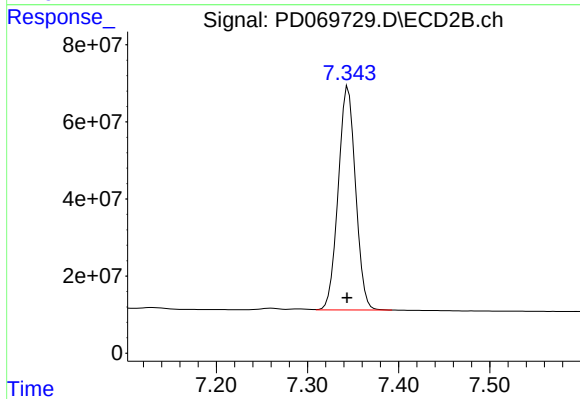
#16 4,4'-DDD

R.T.: 7.043 min
Delta R.T.: 0.002 min
Response: 15180823
Conc: 1.87 ng/ml



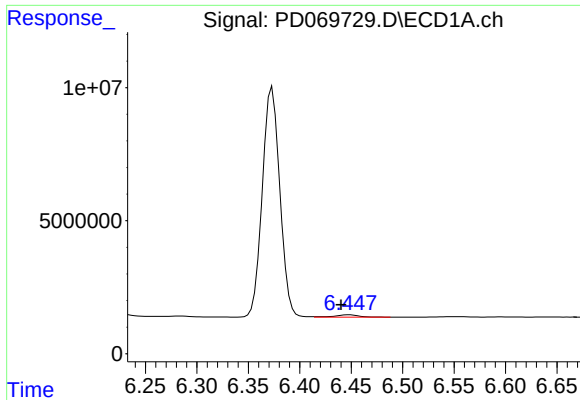
#17 4,4'-DDT

R.T.: 6.373 min
Delta R.T.: 0.010 min
Response: 102329526
Conc: 106.59 ng/ml



#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.001 min
Response: 765146877
Conc: 93.04 ng/ml



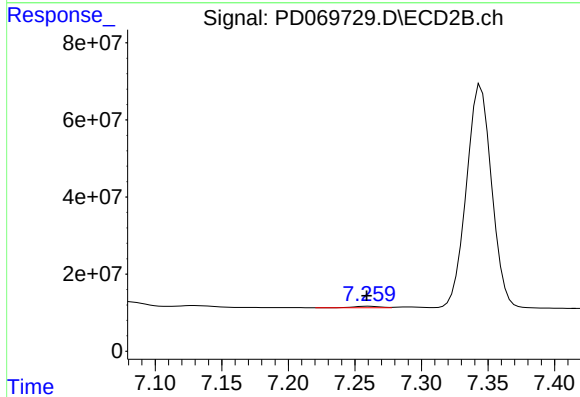
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: 0.008 min
Response: 1313208
Conc: 1.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

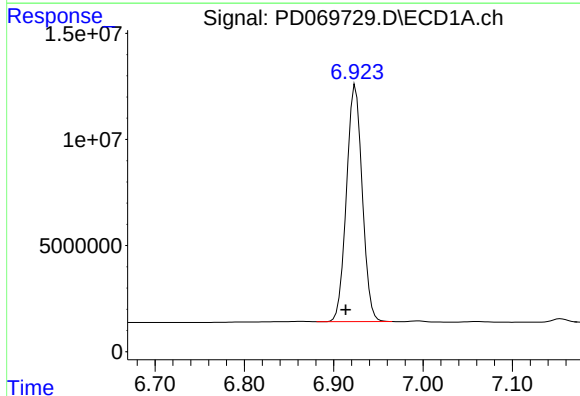
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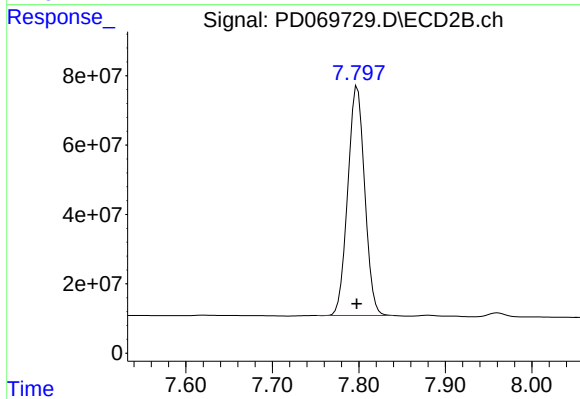
#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.001 min
Response: 5307428
Conc: 0.83 ng/ml



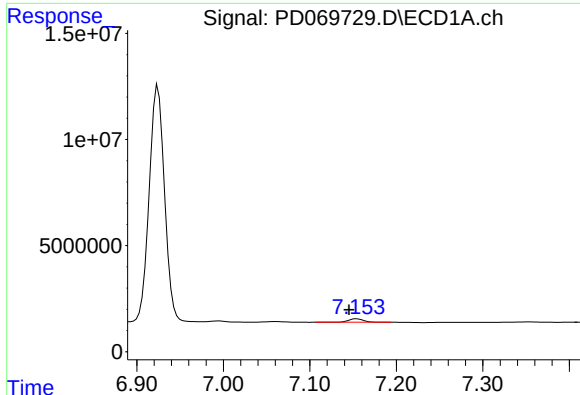
#20 Methoxychlor

R.T.: 6.924 min
Delta R.T.: 0.011 min
Response: 136716849
Conc: 237.20 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 896362501
Conc: 217.38 ng/ml



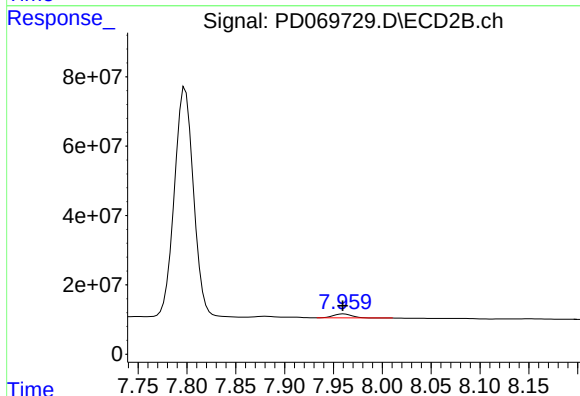
#21 Endrin ketone

R.T.: 7.154 min
Delta R.T.: 0.009 min
Response: 1998749
Conc: 1.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

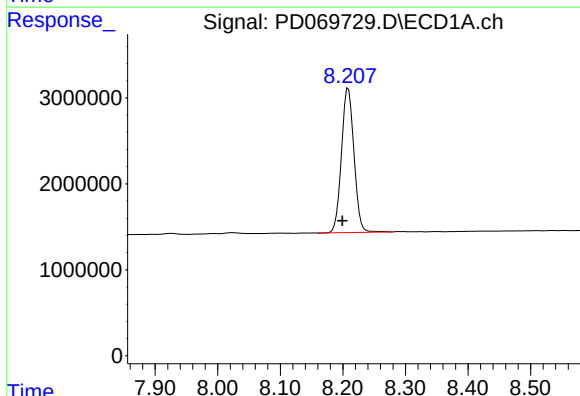
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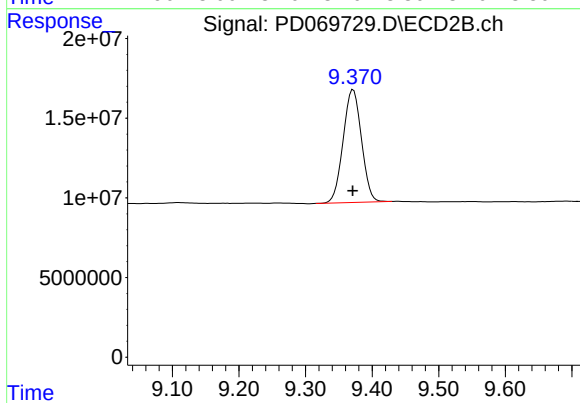
#21 Endrin ketone

R.T.: 7.961 min
Delta R.T.: 0.001 min
Response: 15019859
Conc: 1.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.209 min
Delta R.T.: 0.009 min
Response: 23410344
Conc: 21.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 135584196
Conc: 22.62 ng/ml