

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040822\
 Data File : PD069002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2022 15:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/08/2022
 Supervised By :mohammad ahmed 04/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:12:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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...	3.447	4.174	24546250	234.9E6	20.216	24.570
28)	SA Decachlor...	8.207	9.373	26648495	146.4E6	21.093	25.828
Target Compounds							
2)	A alpha-BHC	3.887	4.570	17339231	170.6E6	9.577	12.392 #
3)	MA gamma-BHC...	4.170	4.861	17183141	158.3E6	10.291	12.663
6)	B beta-BHC	4.421	5.024	8544233	74063681	11.476	13.491
12)	B 4,4'-DDE	5.610	6.551	614958	6907785	0.450m	0.745 #
14)	MA Endrin	6.001	6.930	64163029	444.2E6	48.707	57.412
16)	A 4,4'-DDD	6.129	7.042	5170479	45865188	4.385	6.210 #
17)	MA 4,4'-DDT	6.369	7.345	116.1E6	785.5E6	96.584	106.922
18)	B Endrin al...	6.445	7.259	2088677	13166985	2.104	2.176m
20)	A Methoxychlor	6.919	7.798	152.1E6	904.3E6	219.430	248.081
21)	B Endrin ke...	7.150	7.960	4407603	28053127	2.994	3.620

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

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Data File : PD069002.D
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Acq On : 07 Apr 2022 15:52
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

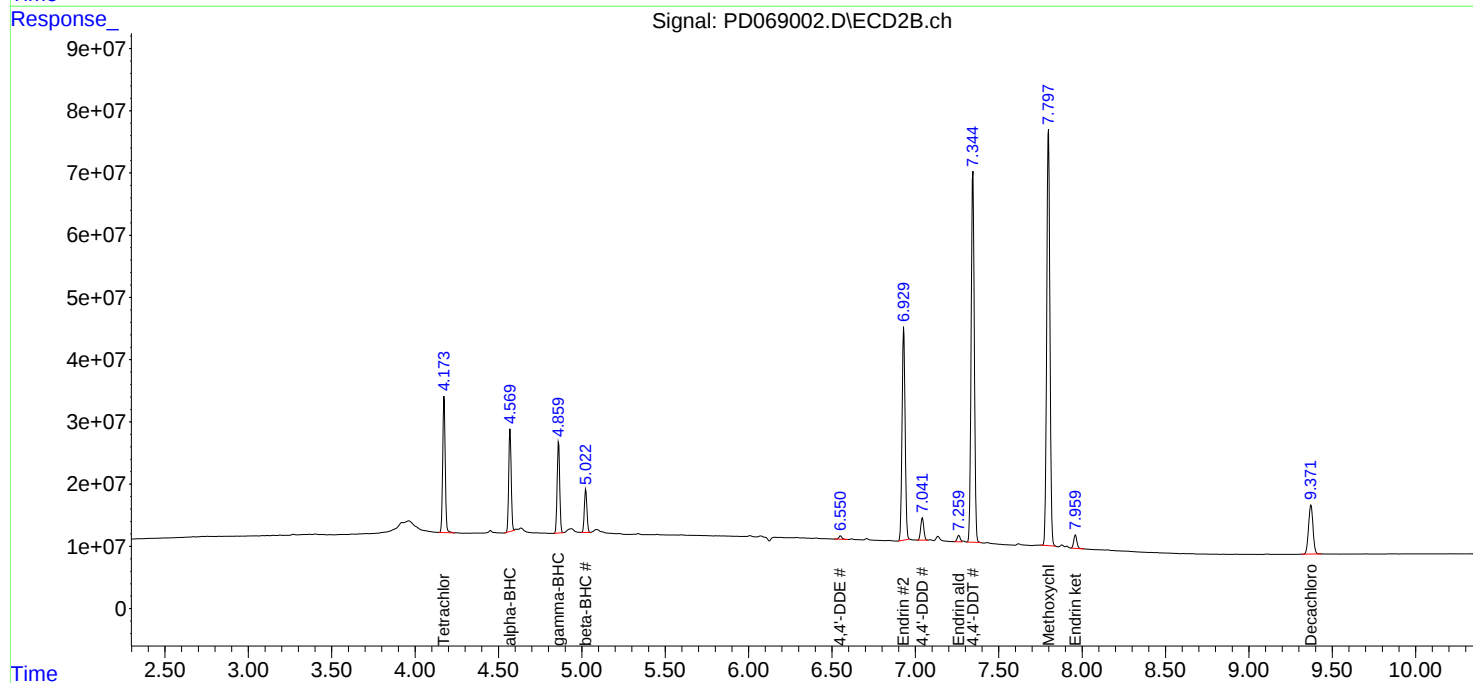
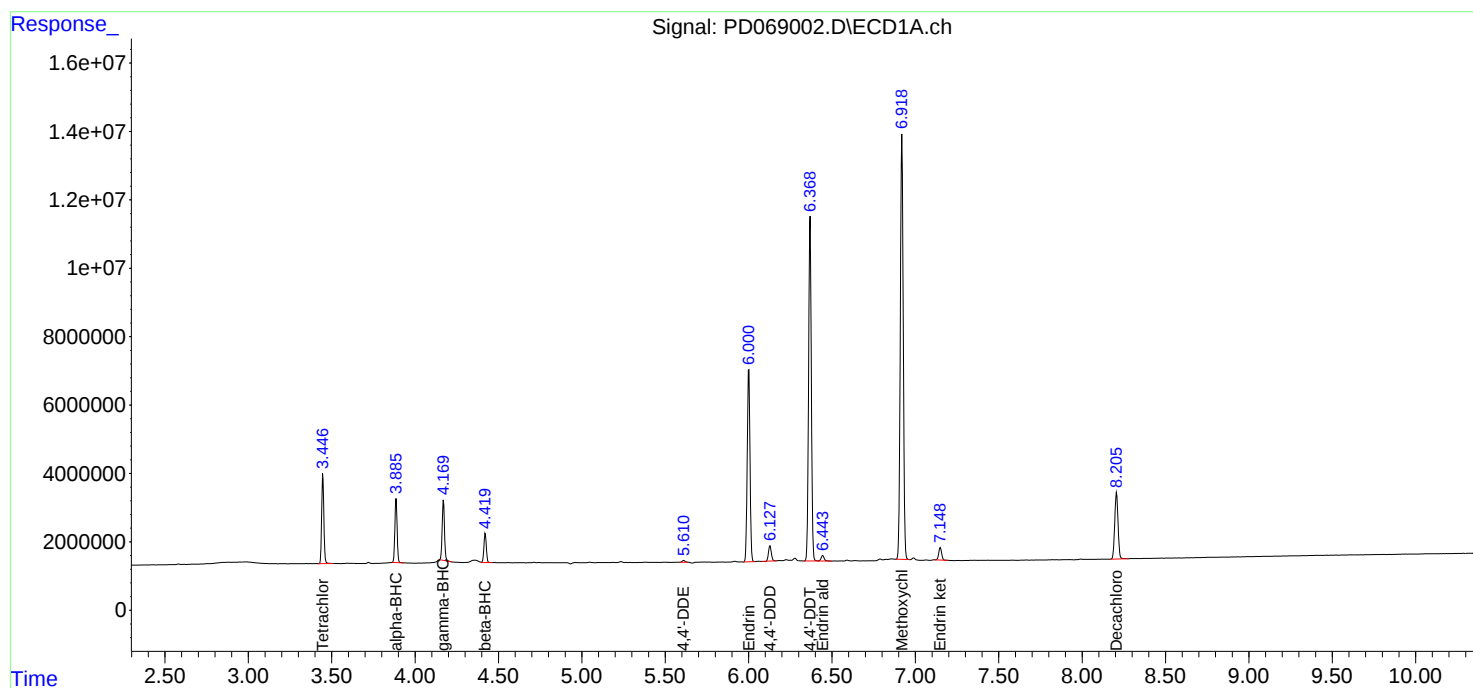
Instrument :
ECD_D
ClientSampleId :
PEM

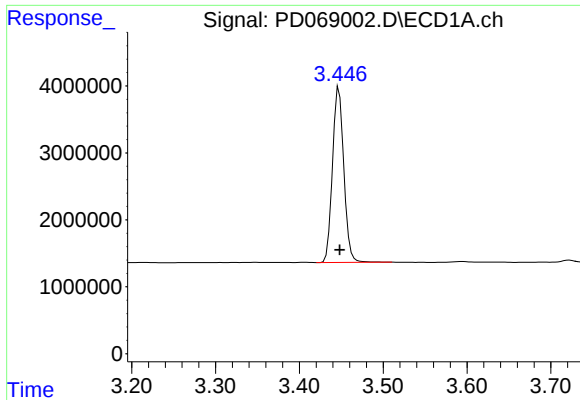
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 01:12:33 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 03:30:32 2022
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Volume Inj. : 2 µl
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





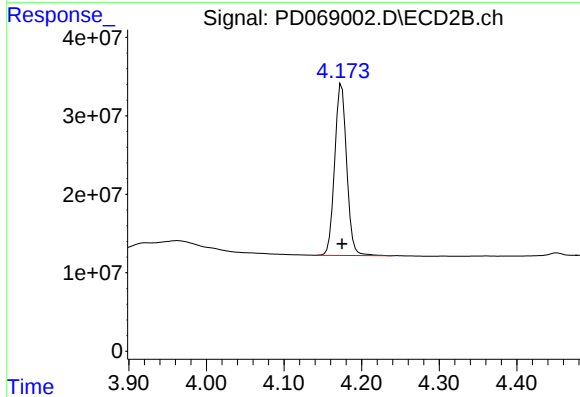
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 24546250
Conc: 20.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

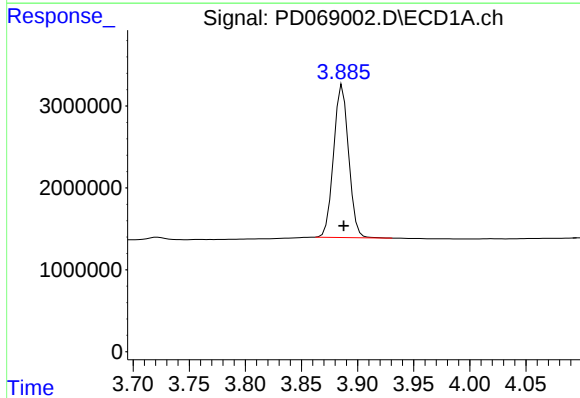
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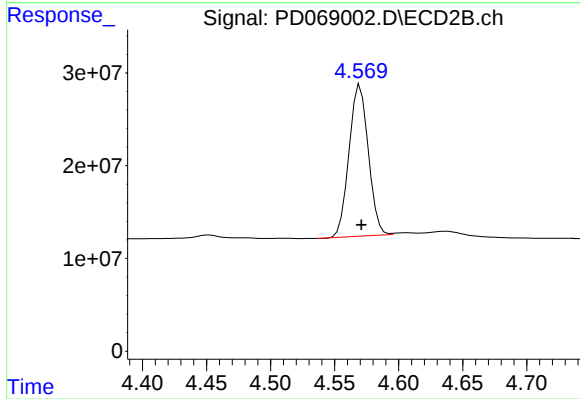
#1 Tetrachloro-m-xylene

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 234909566
Conc: 24.57 ng/ml



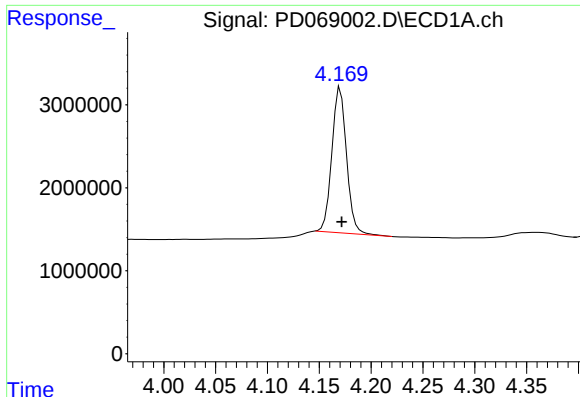
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: -0.001 min
Response: 17339231
Conc: 9.58 ng/ml



#2 alpha-BHC

R.T.: 4.570 min
Delta R.T.: -0.001 min
Response: 170554917
Conc: 12.39 ng/ml



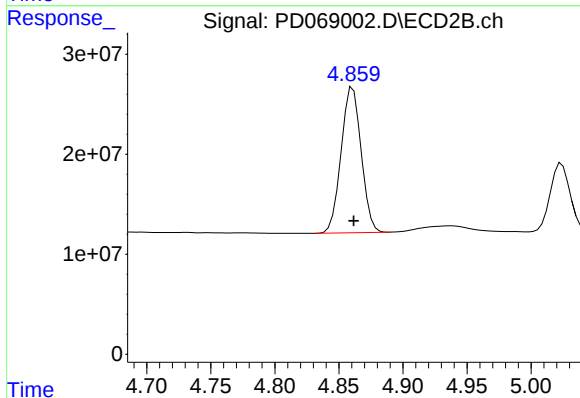
#3 gamma-BHC (Lindane)

R.T.: 4.170 min
Delta R.T.: -0.001 min
Response: 17183141
Conc: 10.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

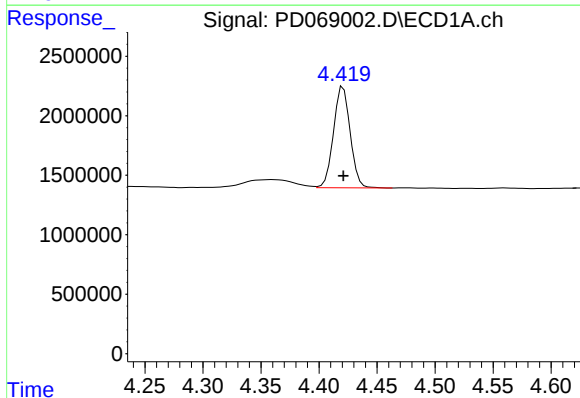
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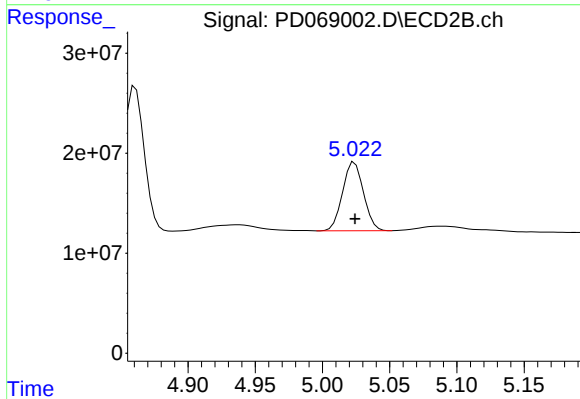
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 158322419
Conc: 12.66 ng/ml



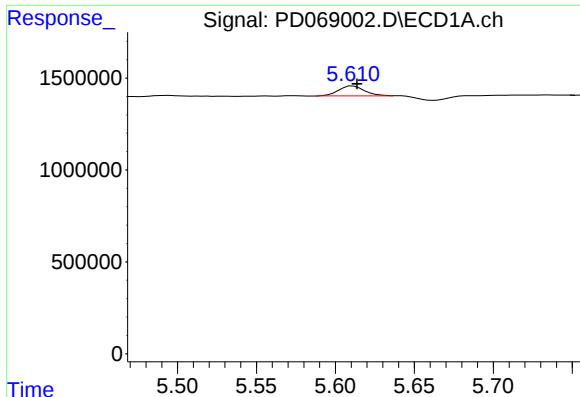
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 8544233
Conc: 11.48 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 74063681
Conc: 13.49 ng/ml



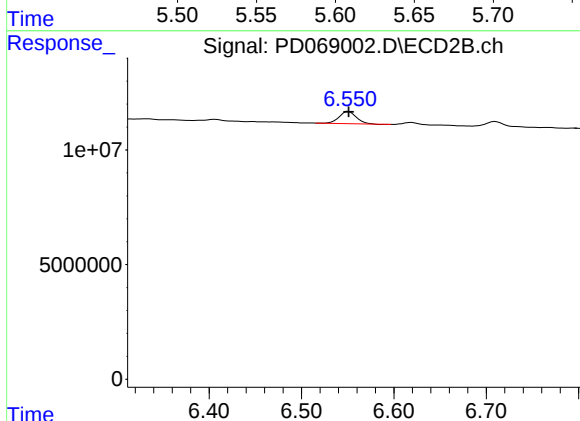
#12 4,4'-DDE

R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 614958
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

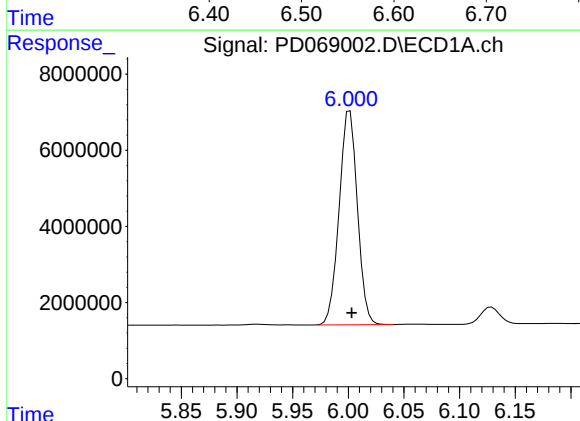
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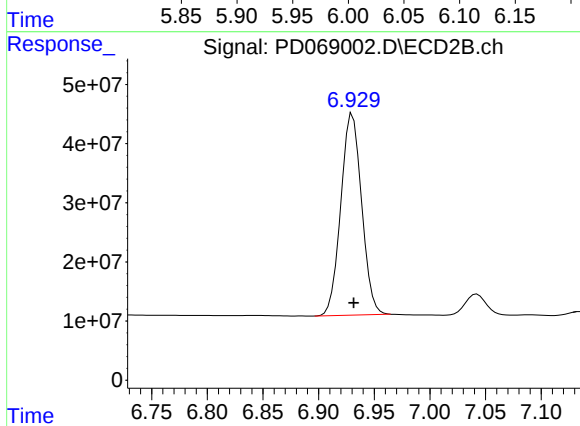
#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 6907785
Conc: 0.75 ng/ml



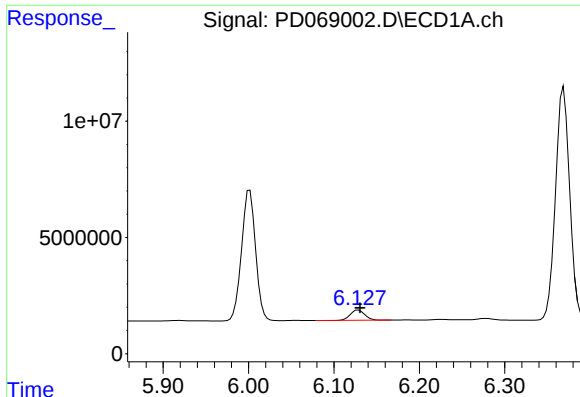
#14 Endrin

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 64163029
Conc: 48.71 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: -0.001 min
Response: 444223516
Conc: 57.41 ng/ml



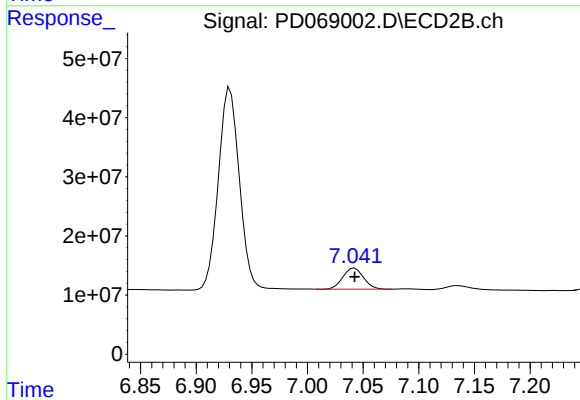
#16 4,4'-DDD

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 5170479
Conc: 4.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

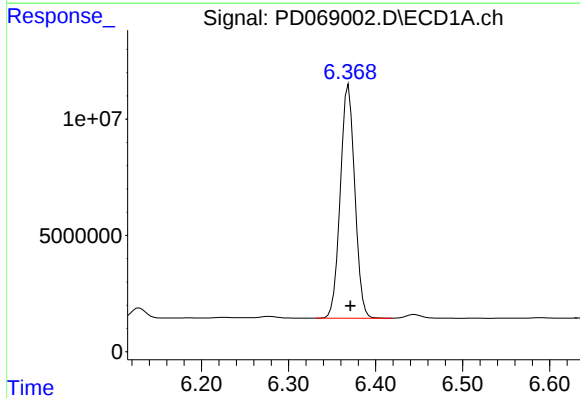
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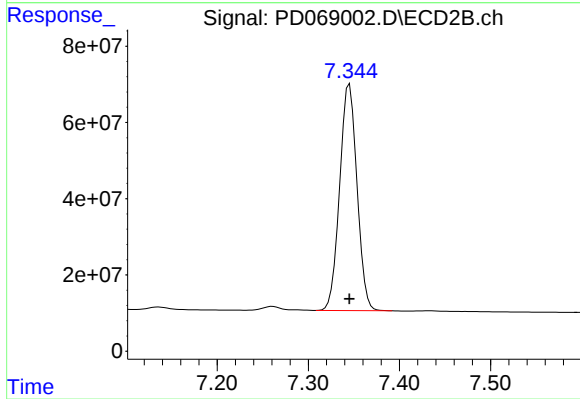
#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 45865188
Conc: 6.21 ng/ml



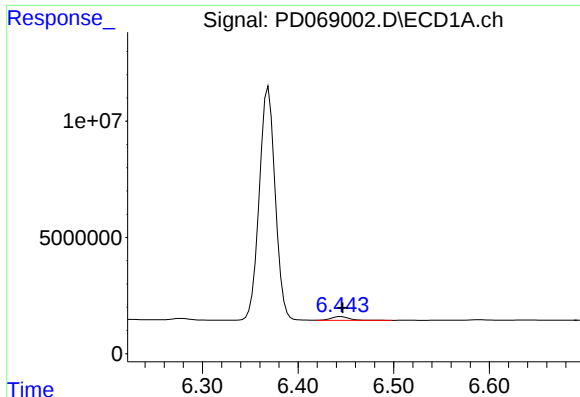
#17 4,4'-DDT

R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 116090199
Conc: 96.58 ng/ml



#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 785529871
Conc: 106.92 ng/ml



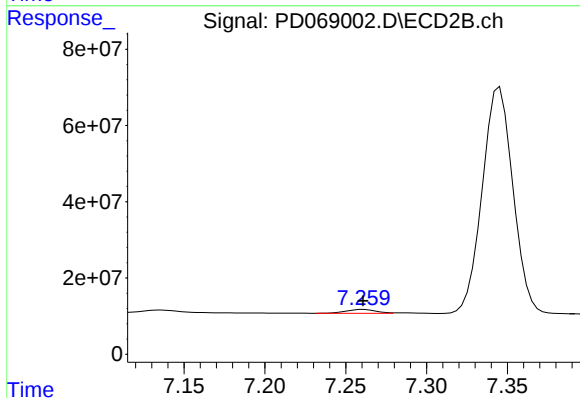
#18 Endrin aldehyde

R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 2088677
Conc: 2.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

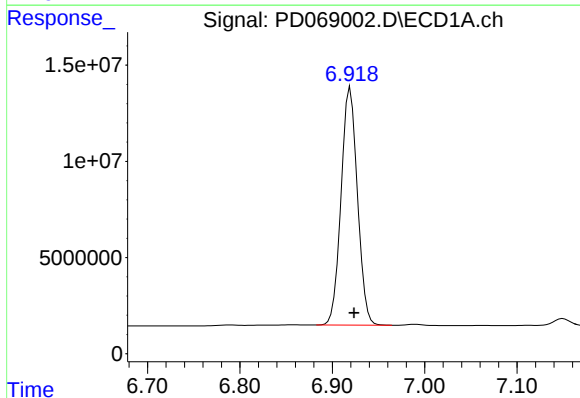
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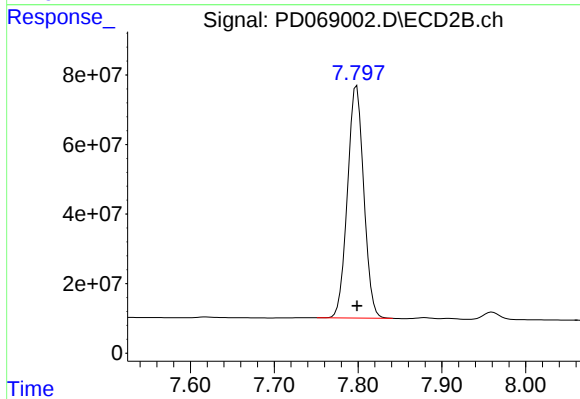
#18 Endrin aldehyde

R.T.: 7.259 min
Delta R.T.: -0.001 min
Response: 13166985
Conc: 2.18 ng/ml m



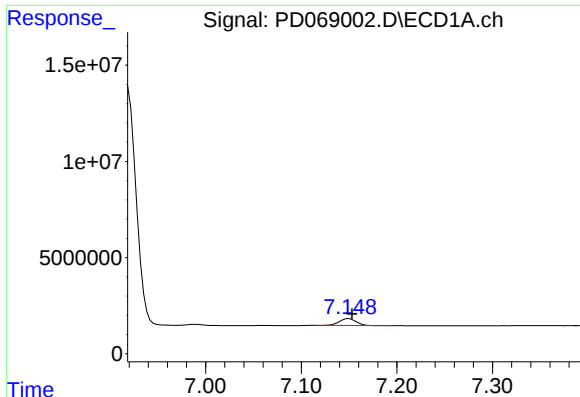
#20 Methoxychlor

R.T.: 6.919 min
Delta R.T.: -0.004 min
Response: 152070851
Conc: 219.43 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 904325733
Conc: 248.08 ng/ml



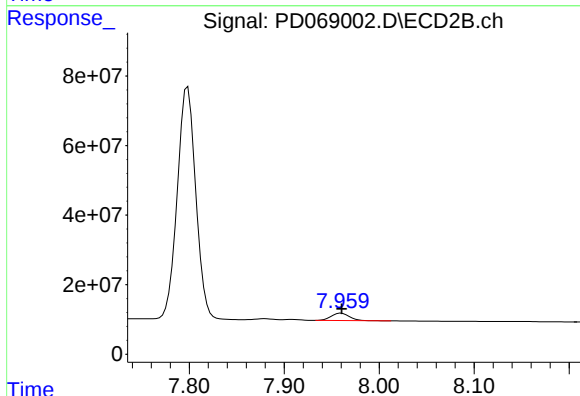
#21 Endrin ketone

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 4407603
Conc: 2.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

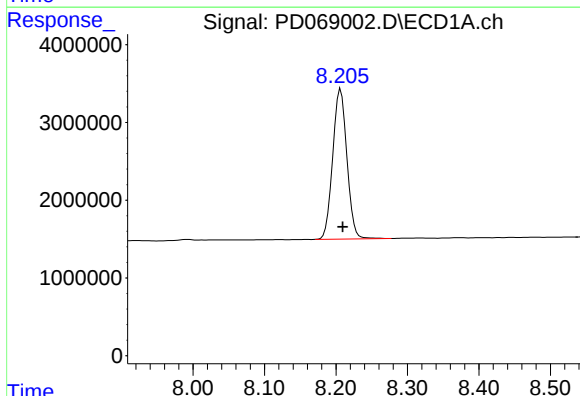
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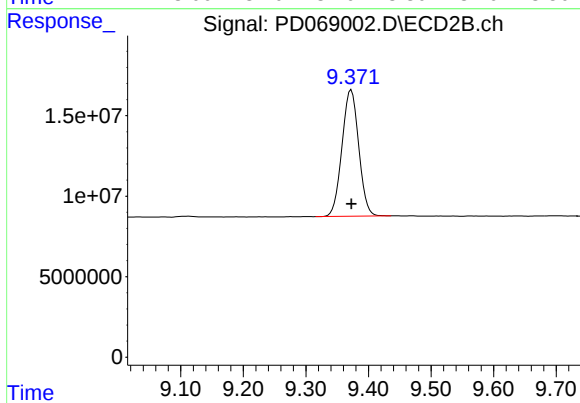
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 28053127
Conc: 3.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.207 min
Delta R.T.: -0.003 min
Response: 26648495
Conc: 21.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 146362003
Conc: 25.83 ng/ml