

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040922\
 Data File : PD069018.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2022 09:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/09/2022
 Supervised By : mohammad ahmed 04/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 23:16:44 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	24733901	243.4E6	20.371	25.459
28)	SA Decachlor...	8.206	9.371	26471959	148.5E6	20.953	26.203 #
Target Compounds							
2)	A alpha-BHC	3.886	4.570	17786281	175.5E6	9.824	12.752 #
3)	MA gamma-BHC...	4.170	4.861	17311570	162.1E6	10.368	12.968 #
6)	B beta-BHC	4.420	5.024	8644421	74594661	11.610	13.588
12)	B 4,4'-DDE	5.609	6.551	573388	5912388	0.419m	0.638 #
14)	MA Endrin	6.001	6.930	64782423	416.2E6	49.178	53.792
16)	A 4,4'-DDD	6.128	7.043	5805792	49648367	4.923	6.723 #
17)	MA 4,4'-DDT	6.369	7.346	116.5E6	791.1E6	96.908	107.681
18)	B Endrin al...	6.444	7.261	1948113	14449303	1.962	2.388
20)	A Methoxychlor	6.920	7.799	151.7E6	914.1E6	218.894	250.755
21)	B Endrin ke...	7.150	7.961	4563895	31405227	3.100	4.053 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040922\
Data File : PD069018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2022 09:14
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

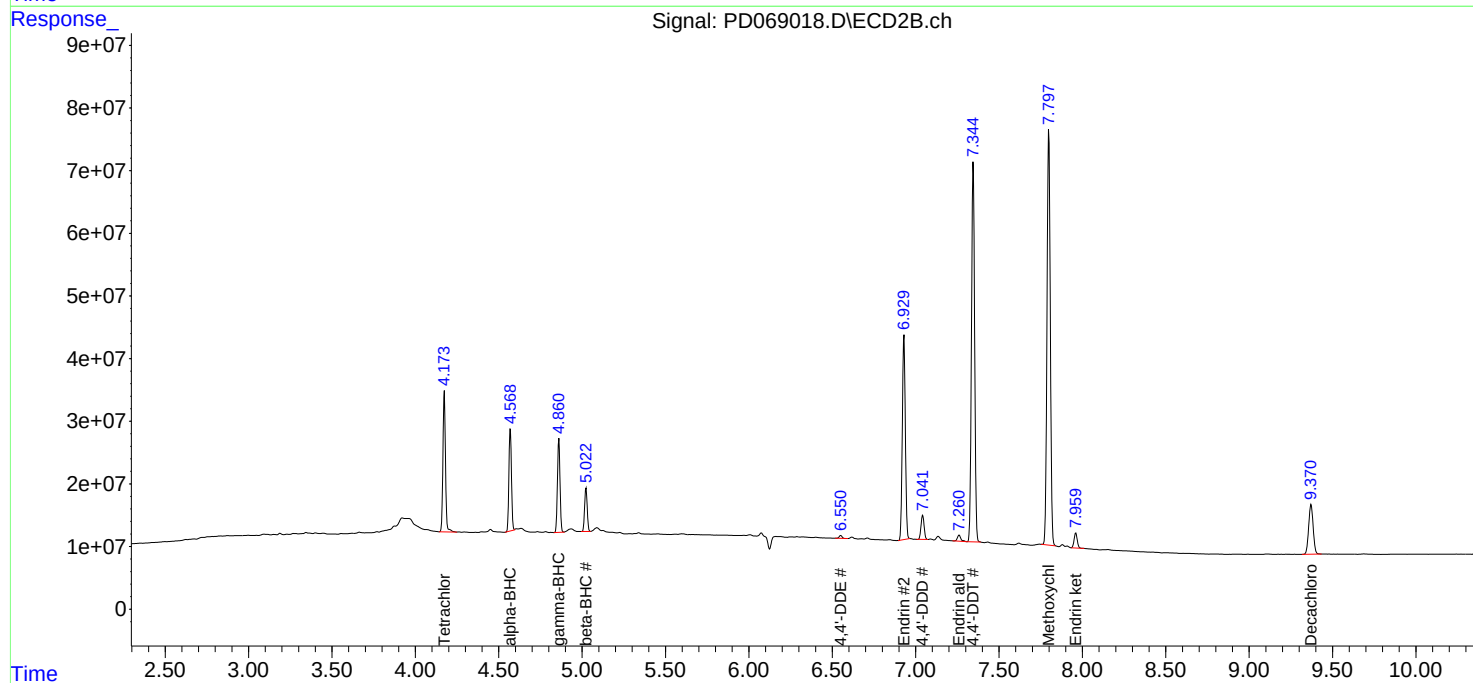
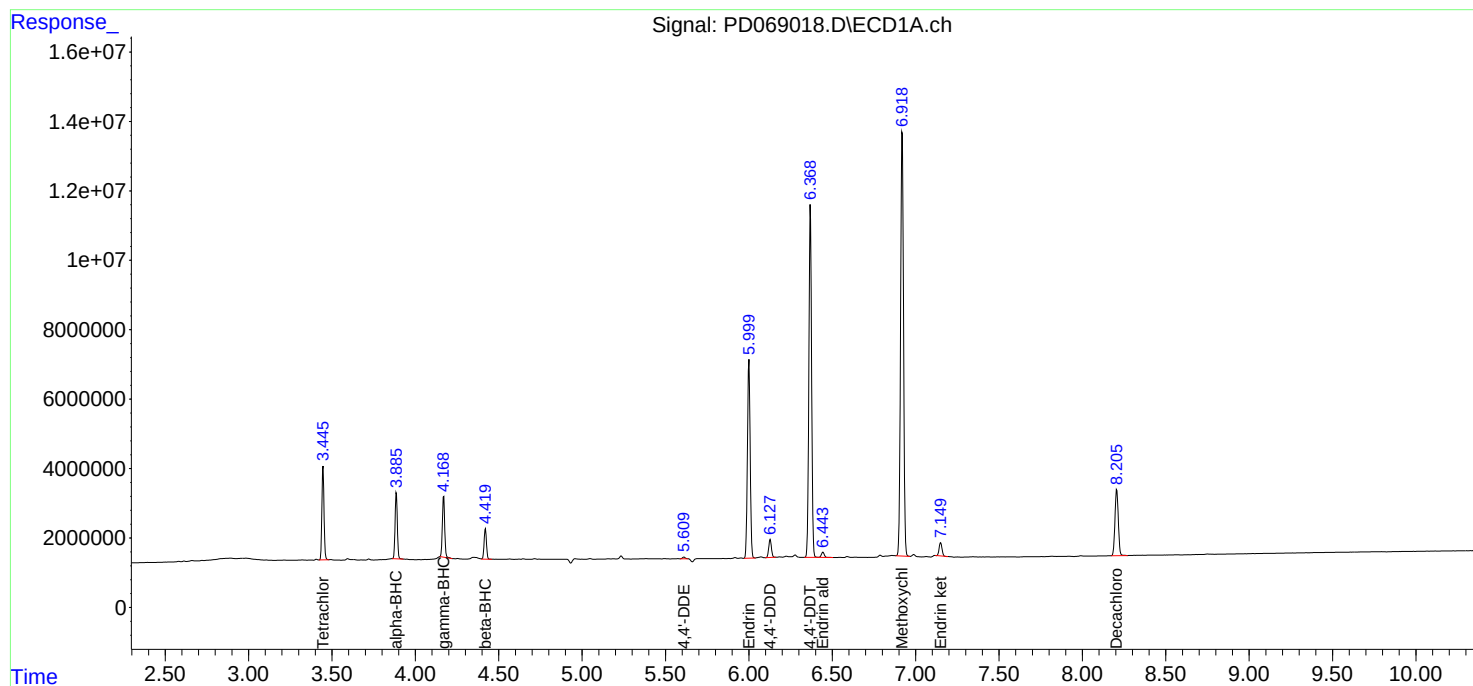
Instrument :
ECD_D
ClientSampleId :
PEM

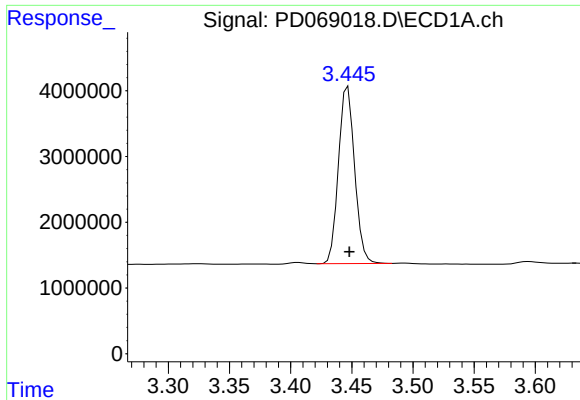
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 23:16:44 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 03:30:32 2022
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





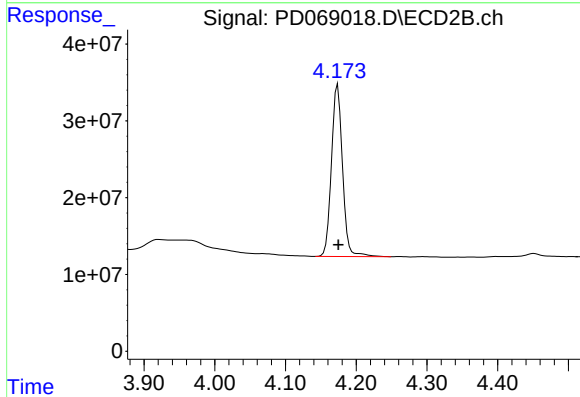
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: -0.001 min
Response: 24733901
Conc: 20.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

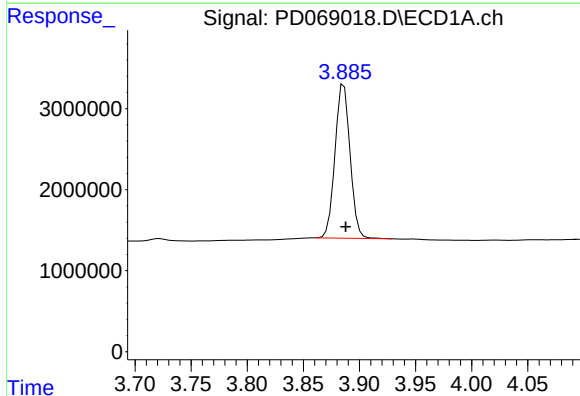
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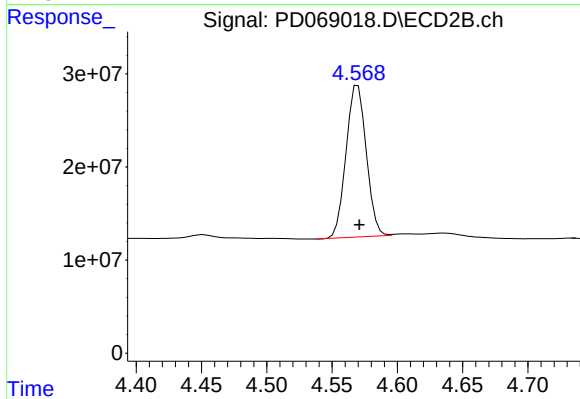
#1 Tetrachloro-m-xylene

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 243405728
Conc: 25.46 ng/ml



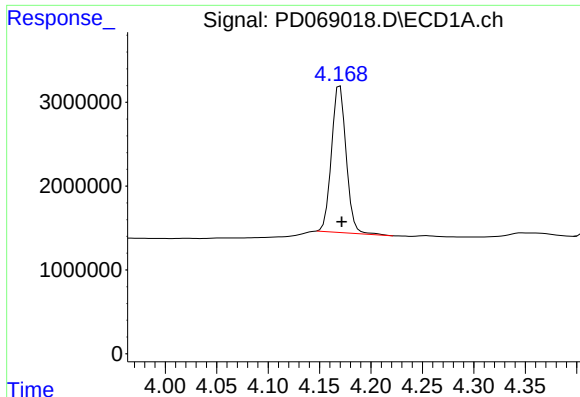
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 17786281
Conc: 9.82 ng/ml



#2 alpha-BHC

R.T.: 4.570 min
Delta R.T.: -0.001 min
Response: 175497479
Conc: 12.75 ng/ml



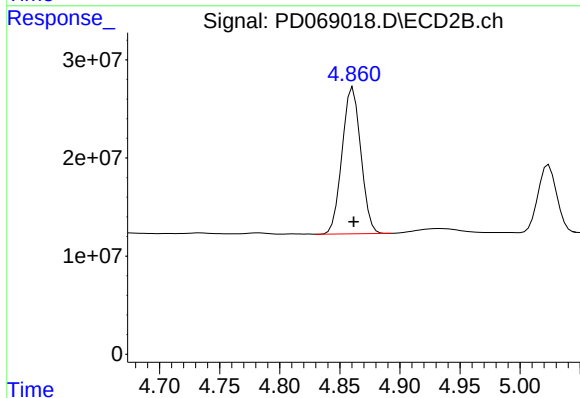
#3 gamma-BHC (Lindane)

R.T.: 4.170 min
Delta R.T.: -0.002 min
Response: 17311570
Conc: 10.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

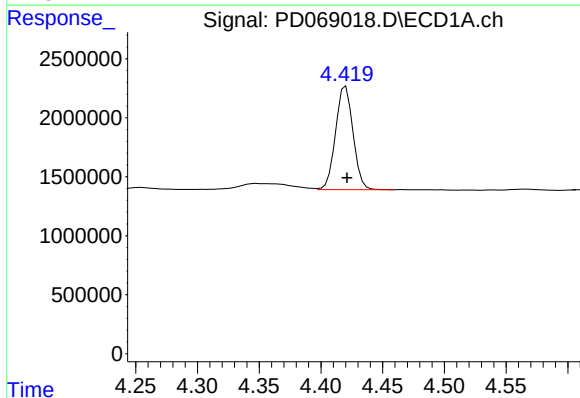
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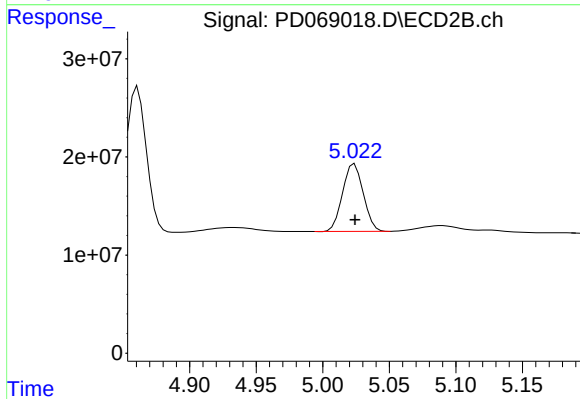
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 162146844
Conc: 12.97 ng/ml



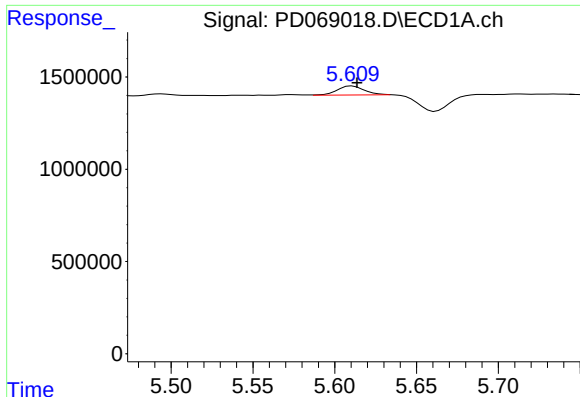
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 8644421
Conc: 11.61 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 74594661
Conc: 13.59 ng/ml



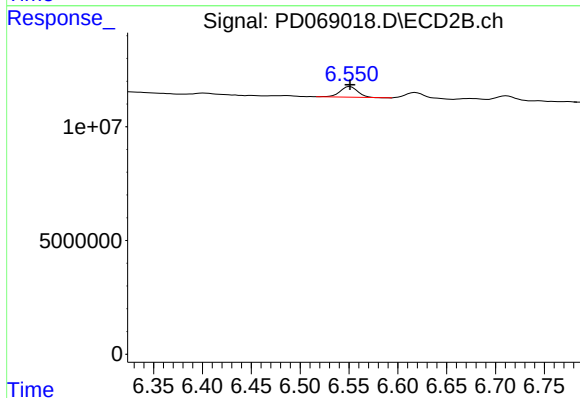
#12 4,4'-DDE

R.T.: 5.609 min
Delta R.T.: -0.004 min
Response: 573388
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

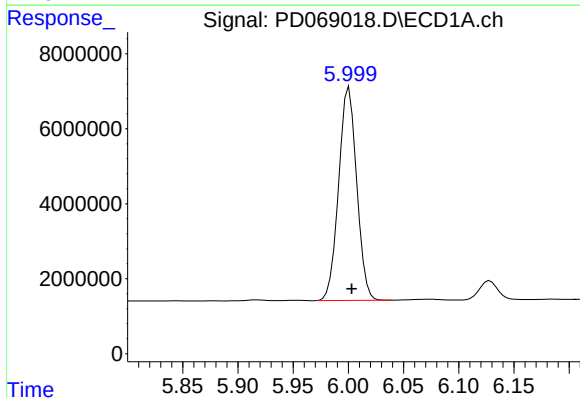
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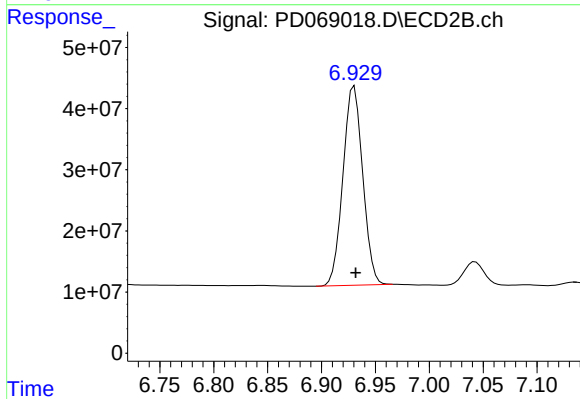
#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 5912388
Conc: 0.64 ng/ml



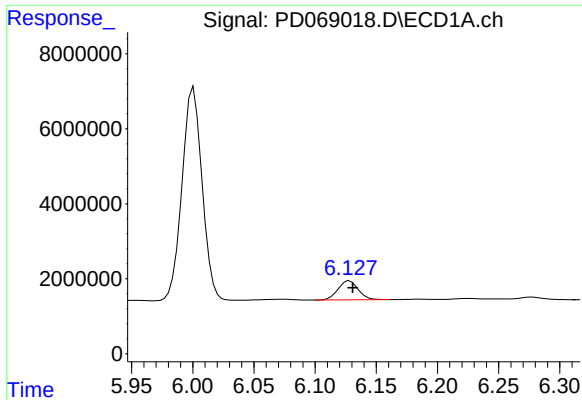
#14 Endrin

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 64782423
Conc: 49.18 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: -0.001 min
Response: 416214425
Conc: 53.79 ng/ml



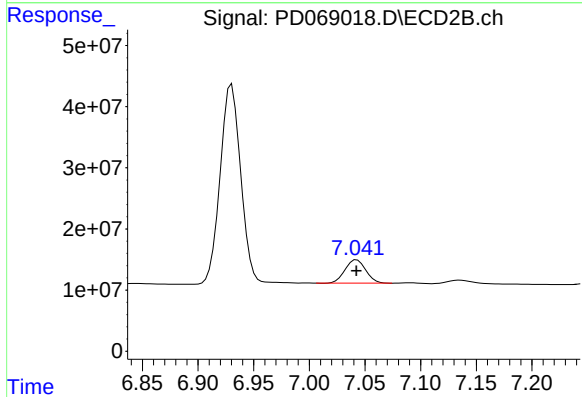
#16 4,4'-DDD

R.T.: 6.128 min
Delta R.T.: -0.002 min
Response: 5805792
Conc: 4.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

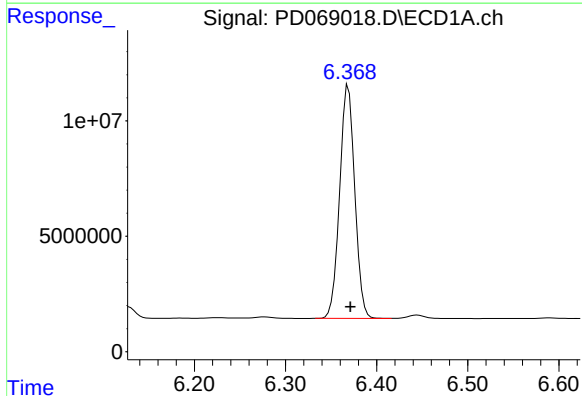
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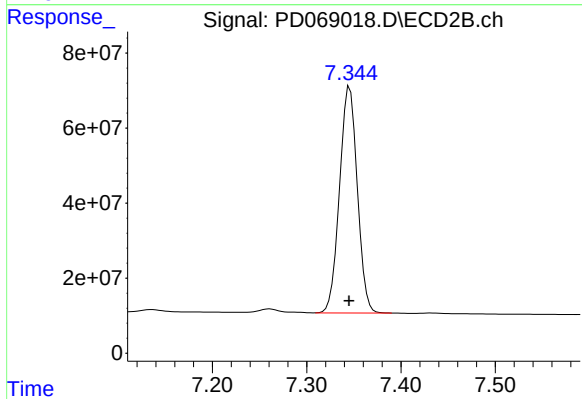
#16 4,4'-DDD

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 49648367
Conc: 6.72 ng/ml



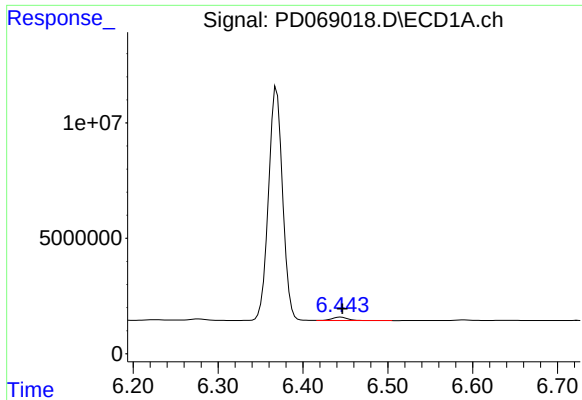
#17 4,4'-DDT

R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 116480088
Conc: 96.91 ng/ml



#17 4,4'-DDT

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 791107985
Conc: 107.68 ng/ml



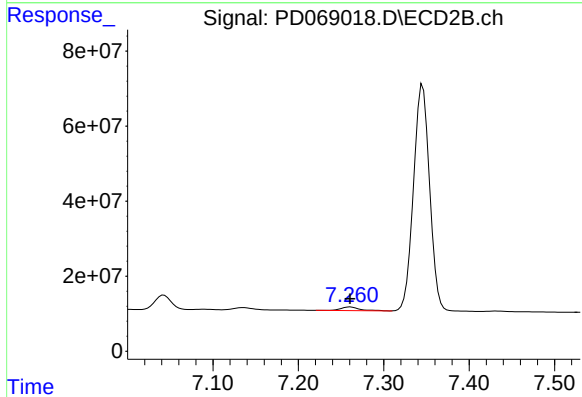
#18 Endrin aldehyde

R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 1948113
Conc: 1.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

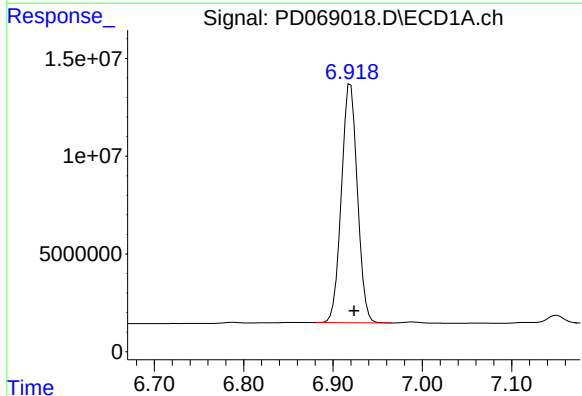
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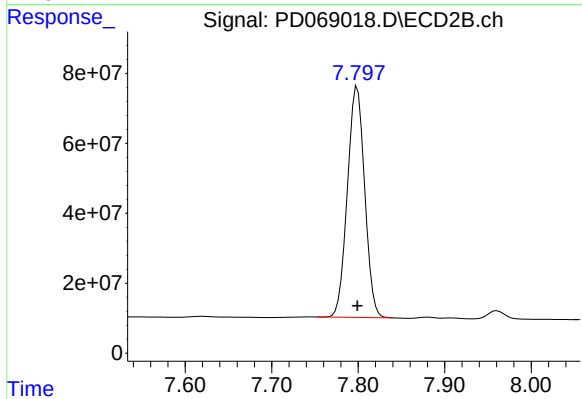
#18 Endrin aldehyde

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 14449303
Conc: 2.39 ng/ml



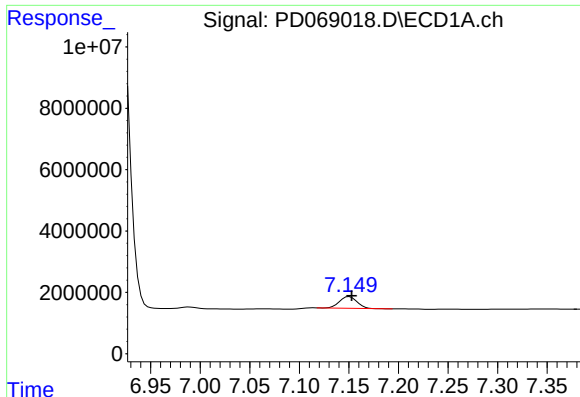
#20 Methoxychlor

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 151699257
Conc: 218.89 ng/ml



#20 Methoxychlor

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 914074357
Conc: 250.76 ng/ml



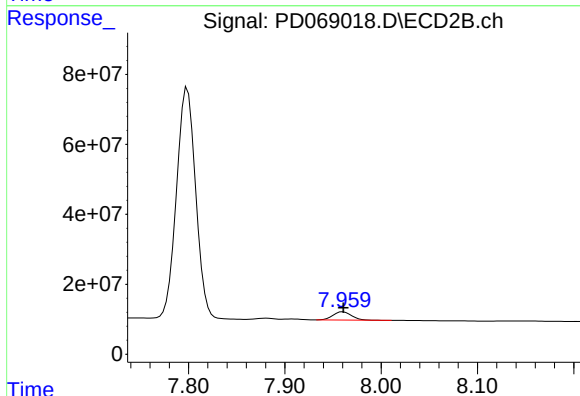
#21 Endrin ketone

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 4563895
Conc: 3.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

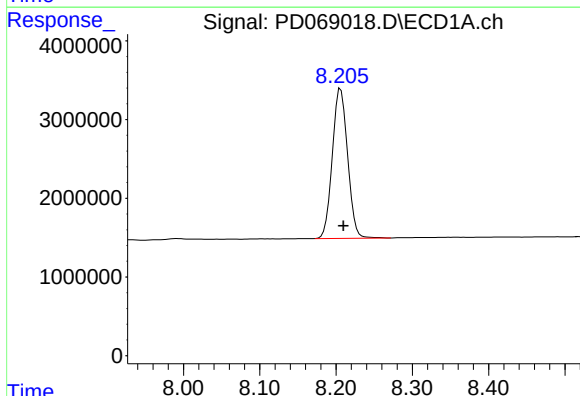
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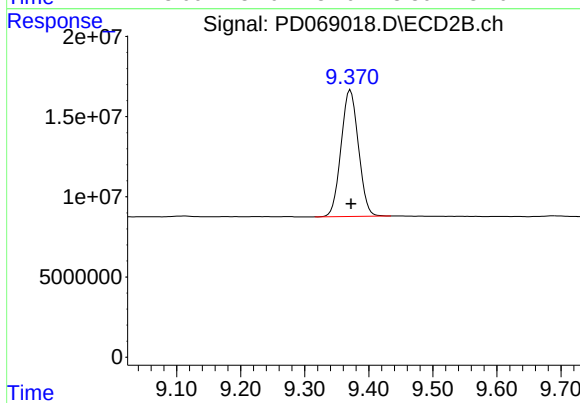
#21 Endrin ketone

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 31405227
Conc: 4.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.206 min
Delta R.T.: -0.004 min
Response: 26471959
Conc: 20.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 148487624
Conc: 26.20 ng/ml