

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041622\
 Data File : PD069120.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 08:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/18/2022
 Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 16:20:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 15 16:15:32 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 x 0.2 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...	3.445	4.171	22521988	232.1E6	20.288	21.649
28)	SA Decachlor...	8.200	9.364	25387739	144.1E6	20.332	22.020
Target Compounds							
2)	A alpha-BHC	3.884	4.567	15528805	170.9E6	9.516	11.083
3)	MA gamma-BHC...	4.167	4.857	16737223	157.1E6	9.784	11.129
6)	B beta-BHC	4.418	5.021	7756730	72354070	11.157	11.777
12)	B 4,4'-DDE	5.607	6.545	664722	7780529	0.525	0.720m#
14)	MA Endrin	5.996	6.926	60206271	470.1E6	49.796	51.824
16)	A 4,4'-DDD	6.123	7.036	1923494	20142361	1.765m	2.338m#
17)	MA 4,4'-DDT	6.364	7.340	109.5E6	805.1E6	101.849	92.825
18)	B Endrin al...	6.439	7.254	968516	6928381	1.049	1.002m
20)	A Methoxychlor	6.915	7.794	144.9E6	925.2E6	228.161	214.603
21)	B Endrin ke...	7.146	7.955	1850896	13771620	1.315	1.523

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041622\
Data File : PD069120.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2022 08:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

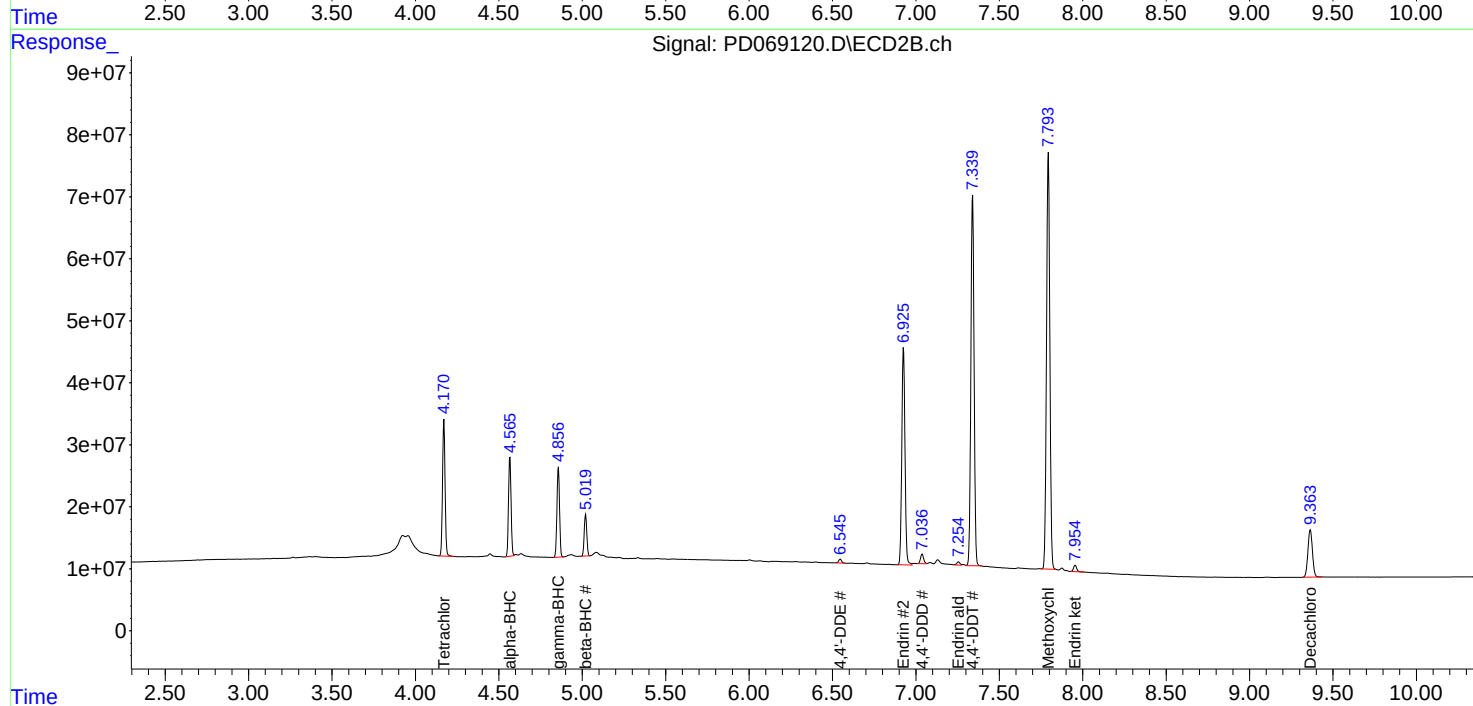
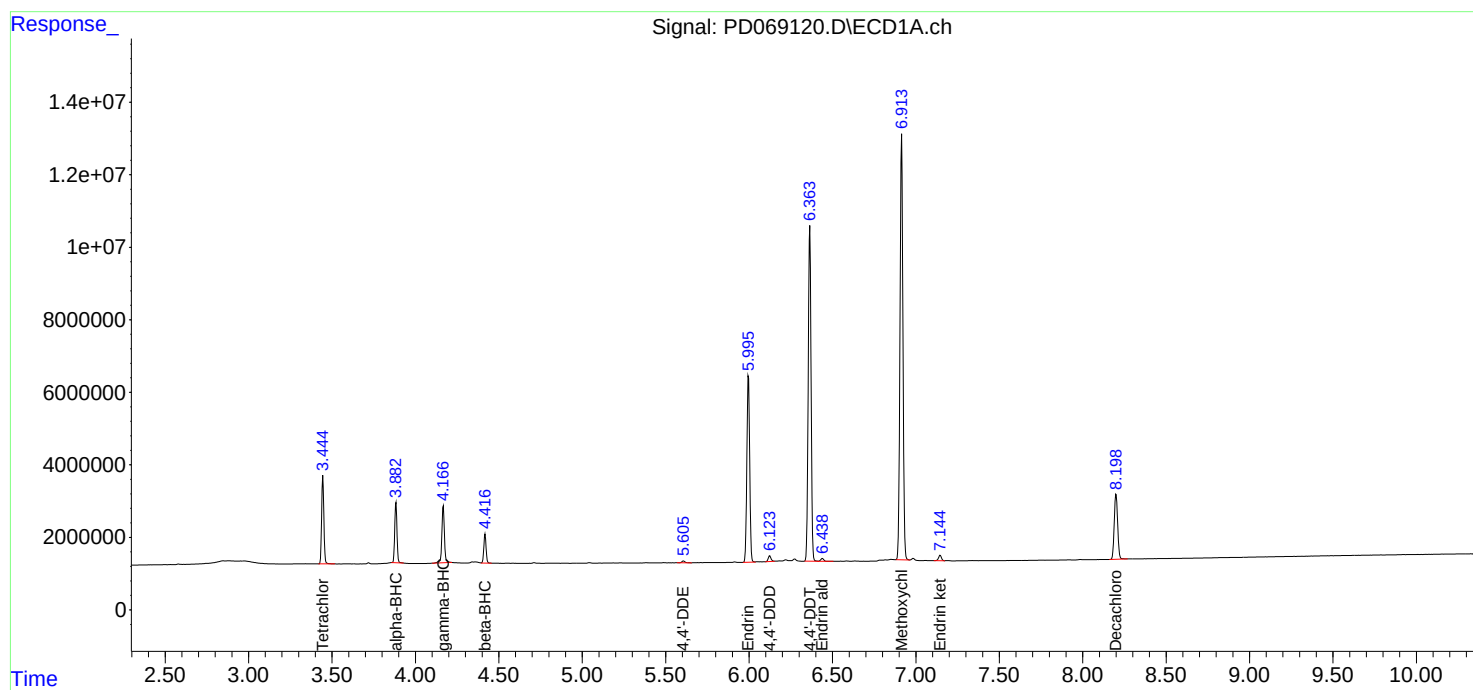
Instrument :
ECD_D
ClientSampleId :
PEM

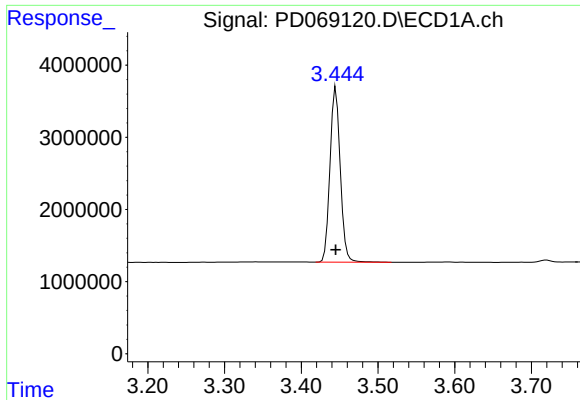
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 16:20:18 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
Quant Title : GC Extractables
QLast Update : Fri Apr 15 16:15:32 2022
Response 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





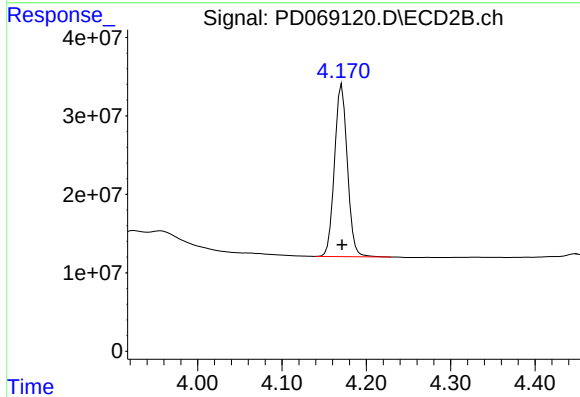
#1 Tetrachloro-m-xylene

R.T.: 3.445 min
Delta R.T.: 0.000 min
Response: 22521988
Conc: 20.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

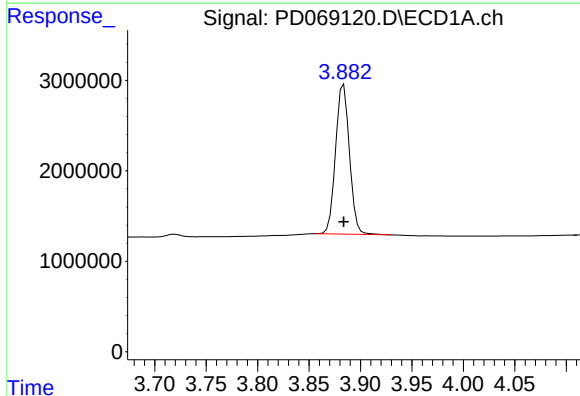
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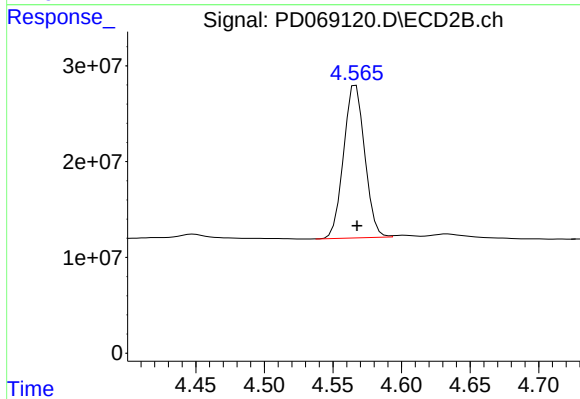
#1 Tetrachloro-m-xylene

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 232118164
Conc: 21.65 ng/ml



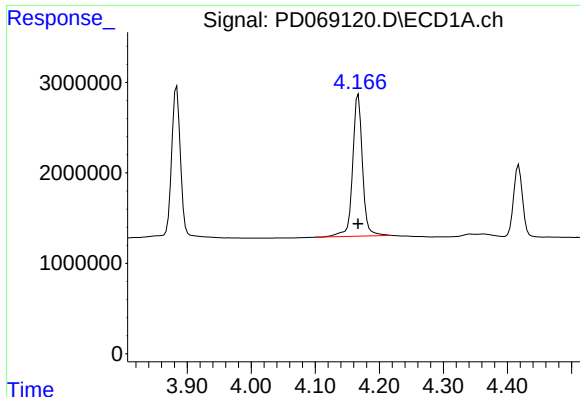
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 15528805
Conc: 9.52 ng/ml



#2 alpha-BHC

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 170900018
Conc: 11.08 ng/ml



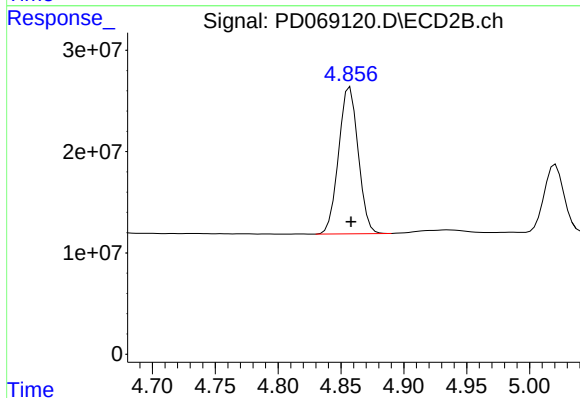
#3 gamma-BHC (Lindane)

R.T.: 4.167 min
Delta R.T.: 0.000 min
Response: 16737223
Conc: 9.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

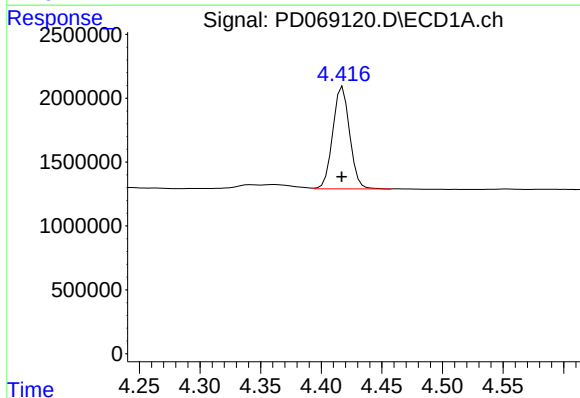
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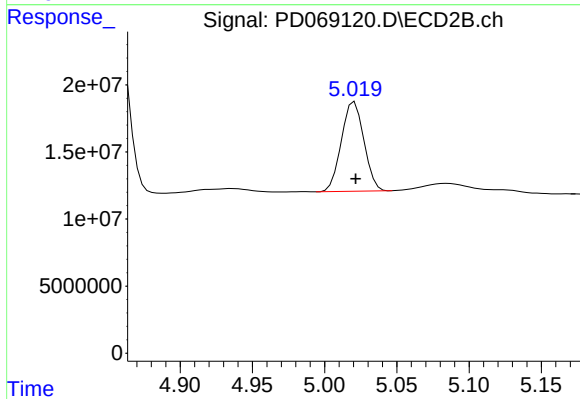
#3 gamma-BHC (Lindane)

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 157149575
Conc: 11.13 ng/ml



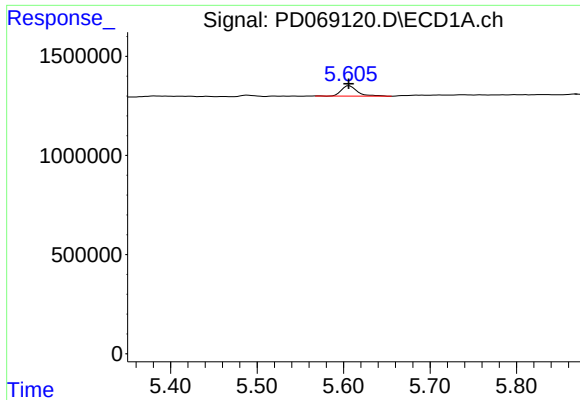
#6 beta-BHC

R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 7756730
Conc: 11.16 ng/ml



#6 beta-BHC

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 72354070
Conc: 11.78 ng/ml



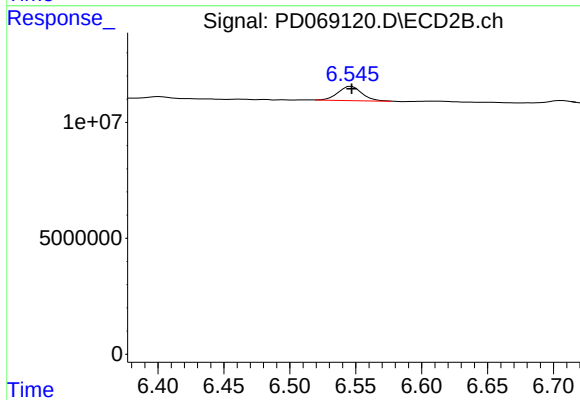
#12 4,4'-DDE

R.T.: 5.607 min
Delta R.T.: 0.001 min
Response: 664722
Conc: 0.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

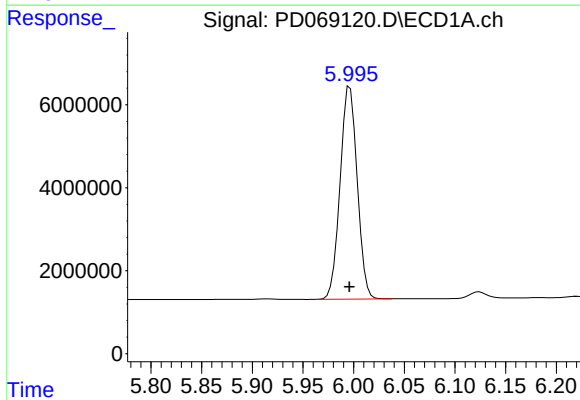
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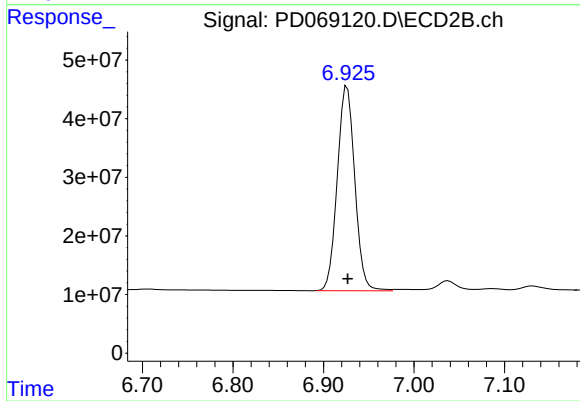
#12 4,4'-DDE

R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 7780529
Conc: 0.72 ng/ml m



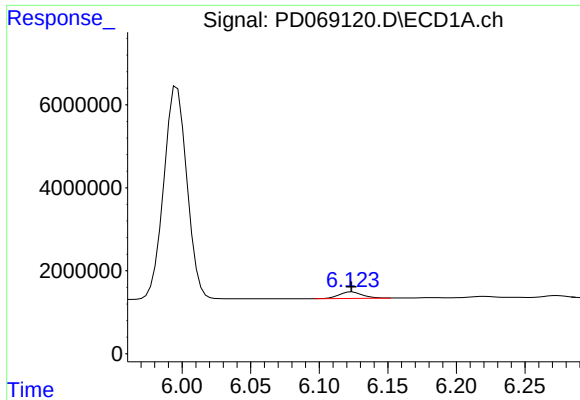
#14 Endrin

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 60206271
Conc: 49.80 ng/ml



#14 Endrin

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 470052497
Conc: 51.82 ng/ml



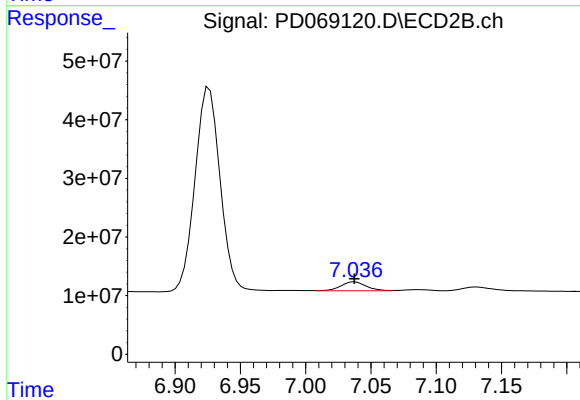
#16 4,4'-DDD

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 1923494
Conc: 1.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

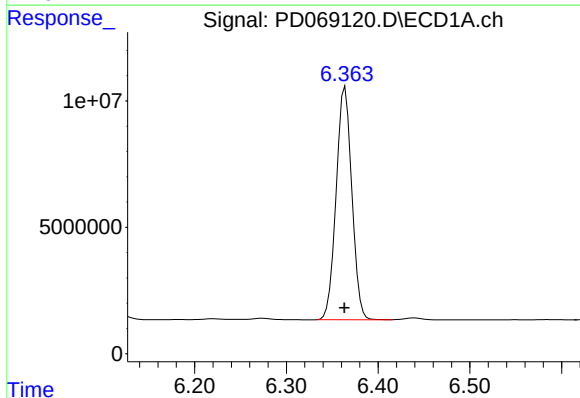
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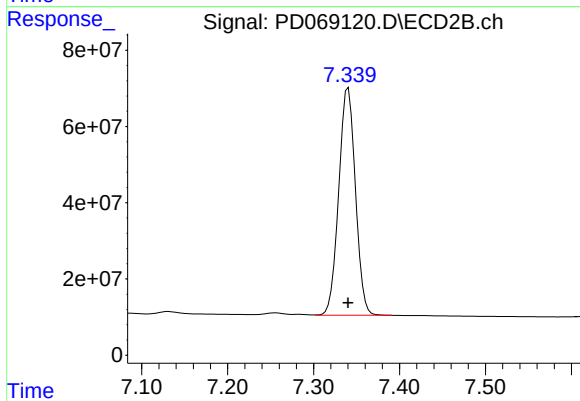
#16 4,4'-DDD

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 20142361
Conc: 2.34 ng/ml m



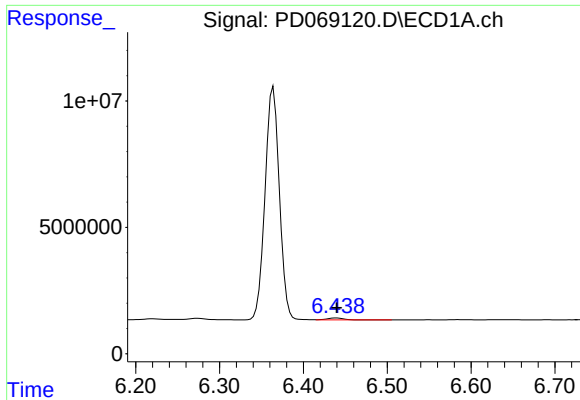
#17 4,4'-DDT

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 109504508
Conc: 101.85 ng/ml



#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 805143916
Conc: 92.83 ng/ml



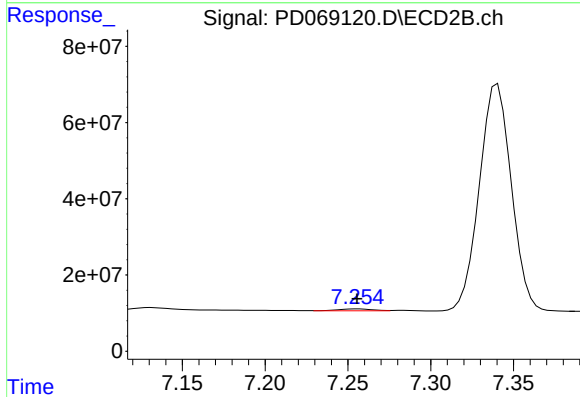
#18 Endrin aldehyde

R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 968516
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

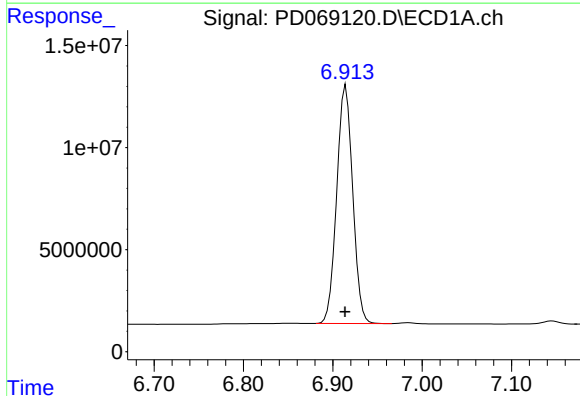
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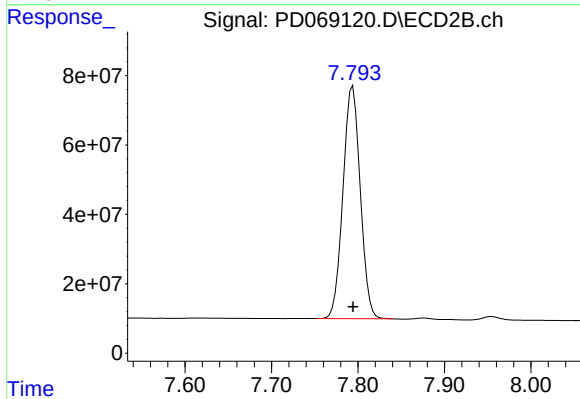
#18 Endrin aldehyde

R.T.: 7.254 min
Delta R.T.: -0.001 min
Response: 6928381
Conc: 1.00 ng/ml m



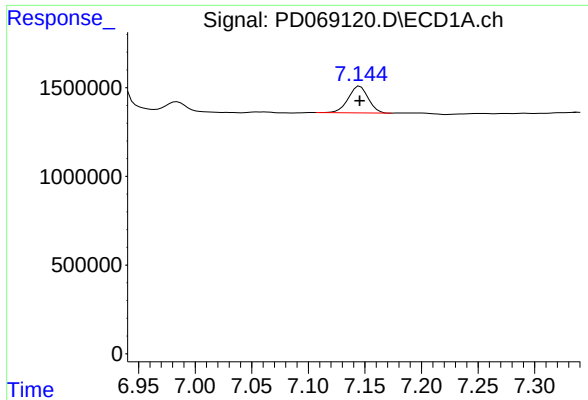
#20 Methoxychlor

R.T.: 6.915 min
Delta R.T.: 0.001 min
Response: 144939521
Conc: 228.16 ng/ml



#20 Methoxychlor

R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 925173769
Conc: 214.60 ng/ml



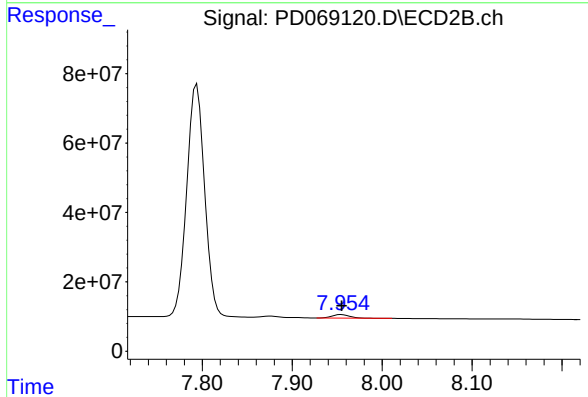
#21 Endrin ketone

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 1850896
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

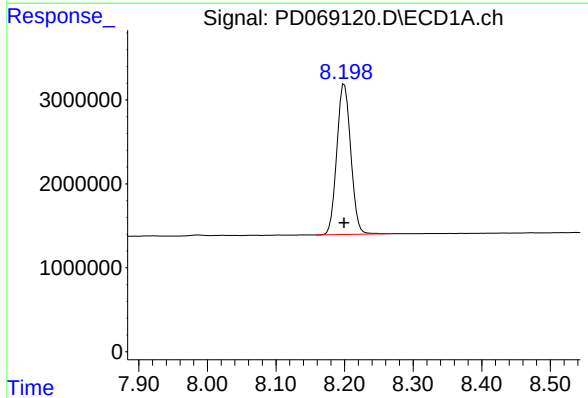
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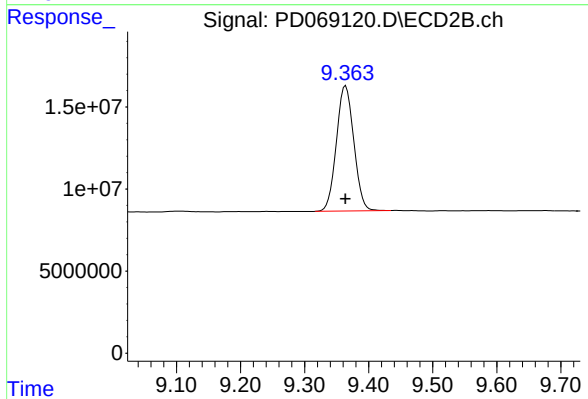
#21 Endrin ketone

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 13771620
Conc: 1.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 25387739
Conc: 20.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.364 min
Delta R.T.: 0.000 min
Response: 144100276
Conc: 22.02 ng/ml