

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041022\
 Data File : PD069047.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2022 10:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/12/2022
 Supervised By : mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 12:50:22 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	25512885	251.8E6	21.013	26.334 #
28)	SA Decachlor...	8.206	9.372	25313188	138.4E6	20.036	24.428
Target Compounds							
2)	A alpha-BHC	3.886	4.570	18334428	181.0E6	10.126	13.153 #
3)	MA gamma-BHC...	4.170	4.861	18062297	166.9E6	10.817	13.351
6)	B beta-BHC	4.420	5.024	8909731	77314608	11.966	14.083
12)	B 4,4'-DDE	5.609	6.551	419350	3938102	0.307m	0.425 #
14)	MA Endrin	6.001	6.930	67064017	363.6E6	50.910	46.985
16)	A 4,4'-DDD	6.128	7.042	8920643	73860052	7.565	10.001 #
17)	MA 4,4'-DDT	6.369	7.345	108.2E6	749.3E6	90.034	101.997
18)	B Endrin al...	6.444	7.259	1211275	5856946	1.220	0.968m
20)	A Methoxychlor	6.919	7.798	144.7E6	879.8E6	208.742	241.363
21)	B Endrin ke...	7.149	7.960	4489784	30663778	3.050m	3.957 #

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

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Data File : PD069047.D
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Acq On : 09 Apr 2022 10:00
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

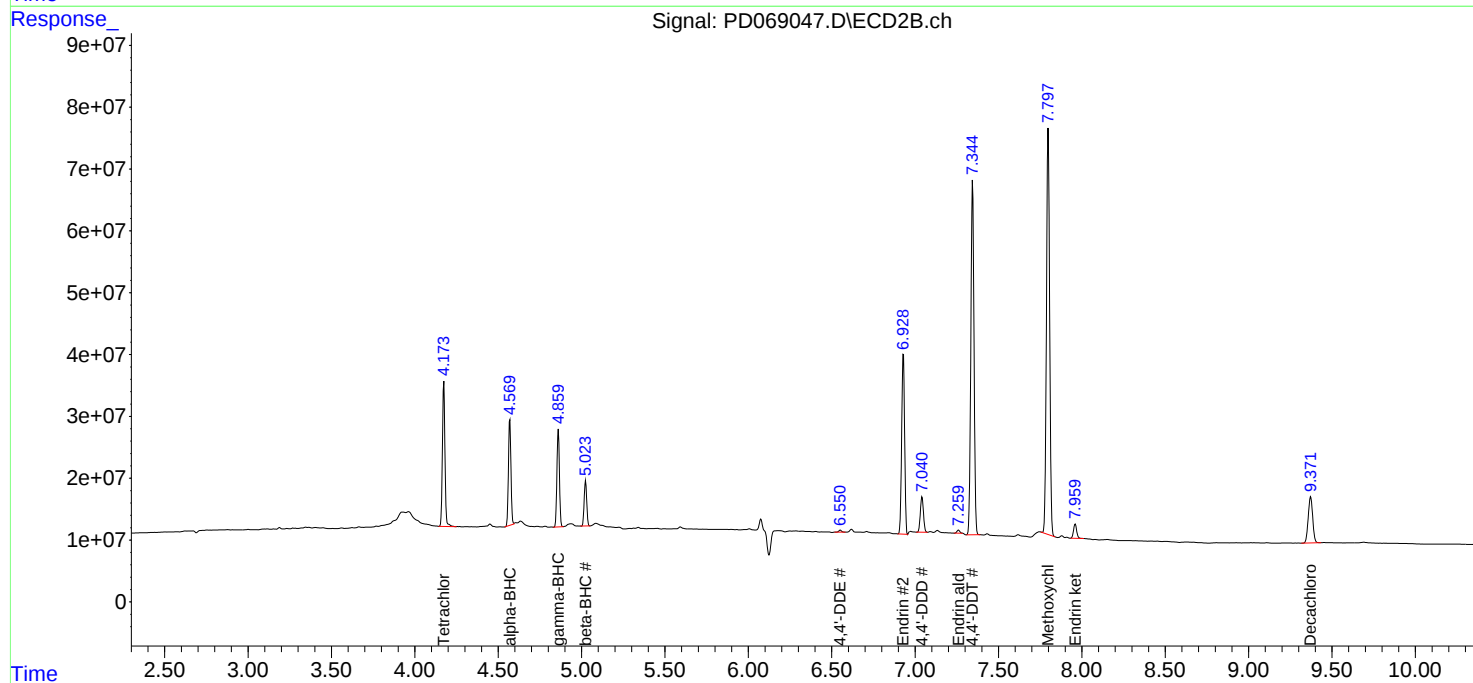
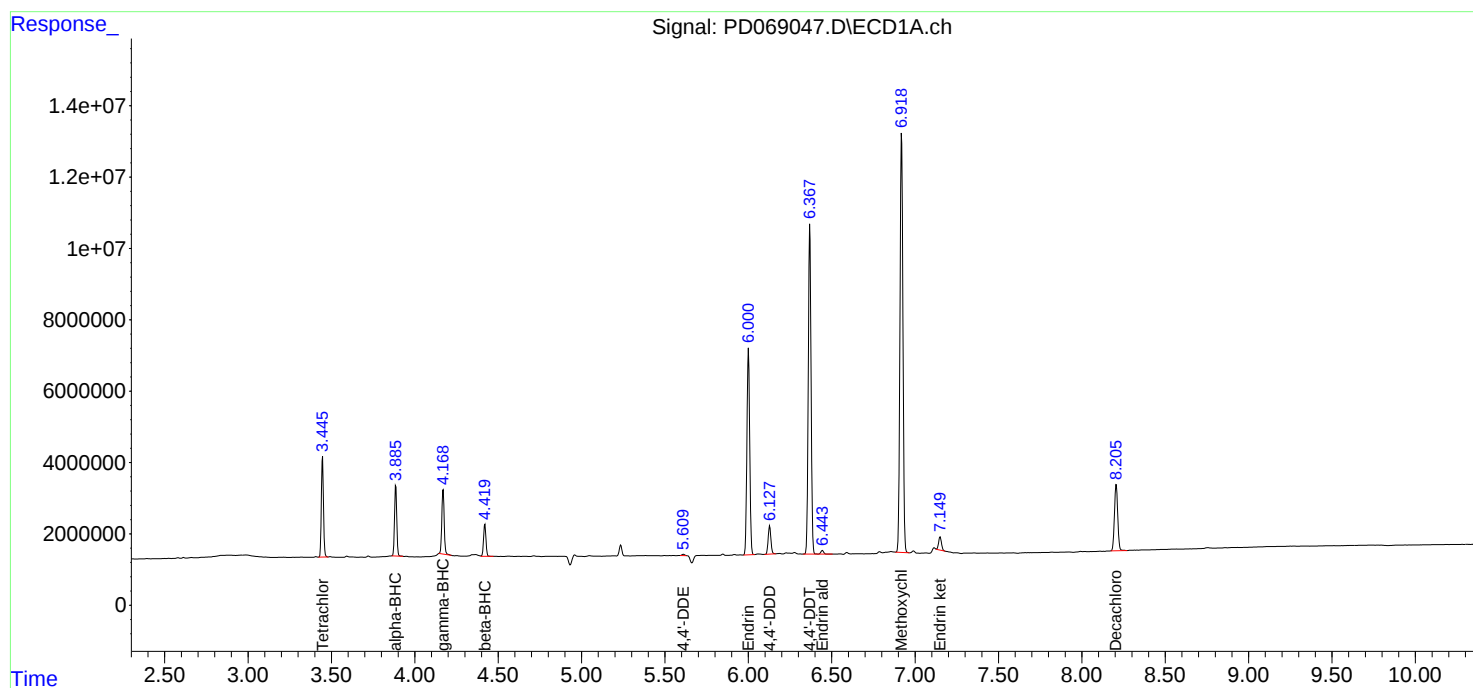
Instrument :
ECD_D
ClientSampleId :
PEM

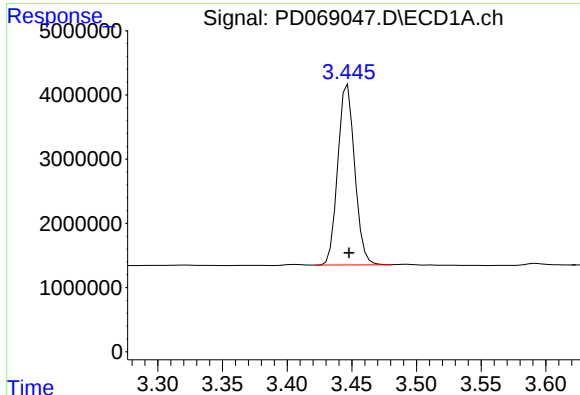
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
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Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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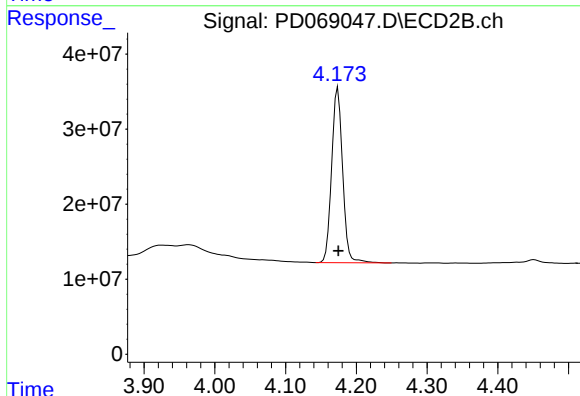
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: -0.001 min
Response: 25512885
Conc: 21.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

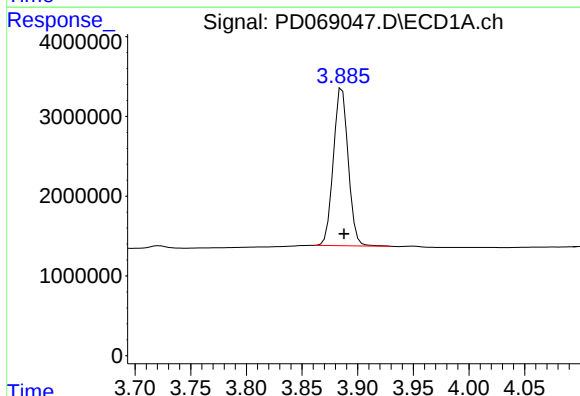
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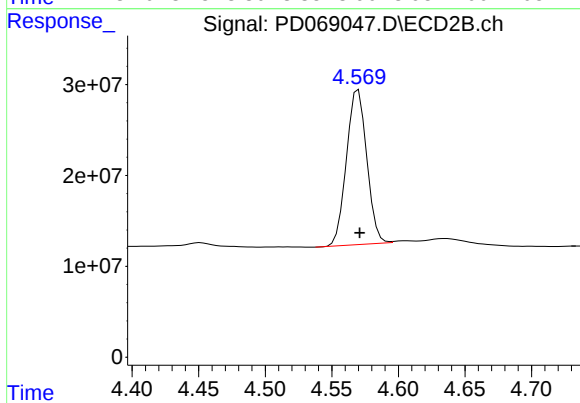
#1 Tetrachloro-m-xylene

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 251772639
Conc: 26.33 ng/ml



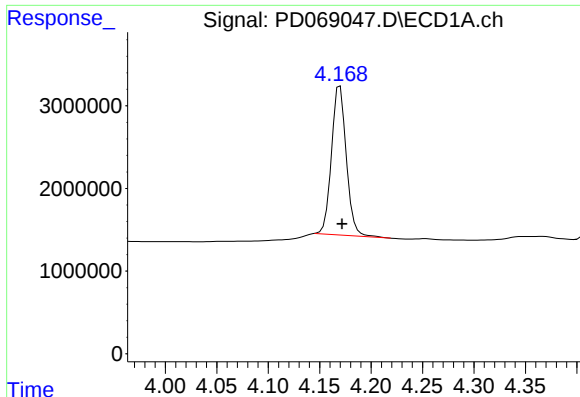
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 18334428
Conc: 10.13 ng/ml



#2 alpha-BHC

R.T.: 4.570 min
Delta R.T.: -0.001 min
Response: 181019092
Conc: 13.15 ng/ml



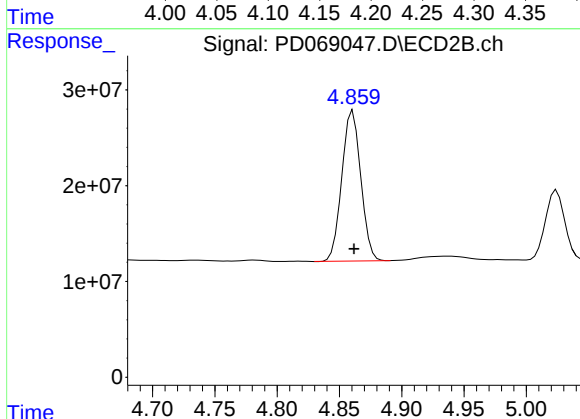
#3 gamma-BHC (Lindane)

R.T.: 4.170 min
Delta R.T.: -0.002 min
Response: 18062297
Conc: 10.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

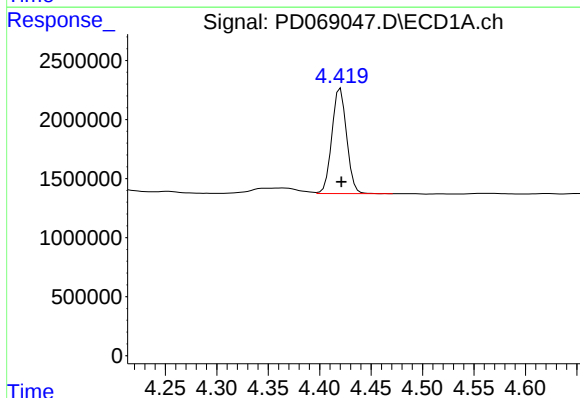
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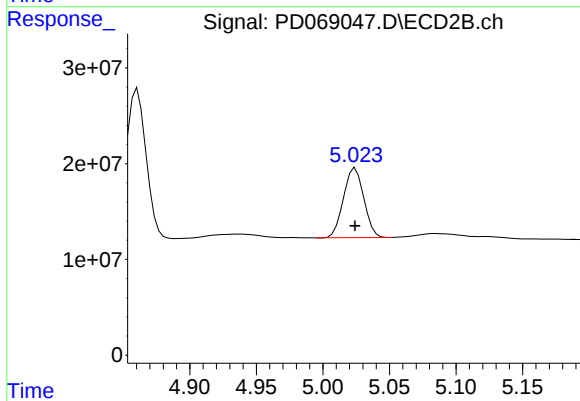
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: -0.001 min
Response: 166935482
Conc: 13.35 ng/ml



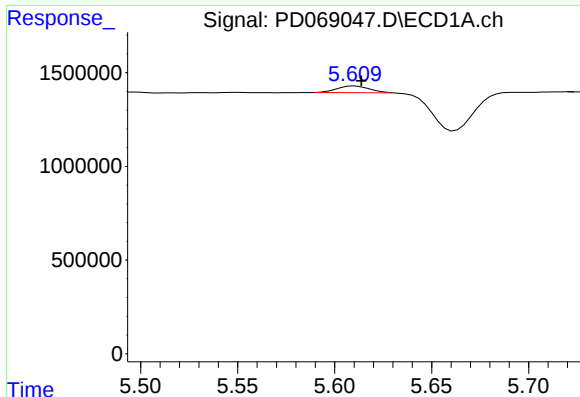
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 8909731
Conc: 11.97 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 77314608
Conc: 14.08 ng/ml



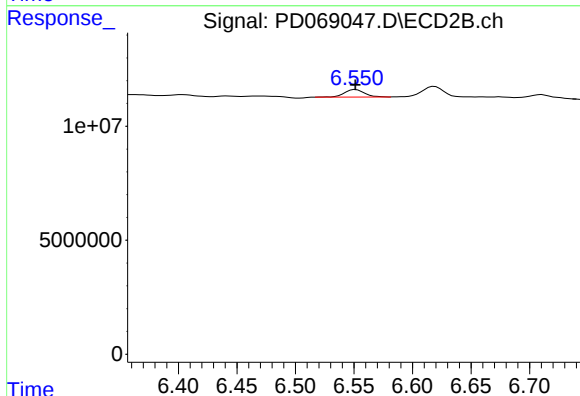
#12 4,4'-DDE

R.T.: 5.609 min
Delta R.T.: -0.005 min
Response: 419350
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

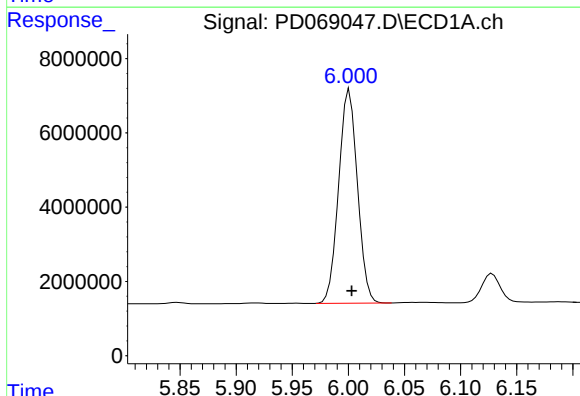
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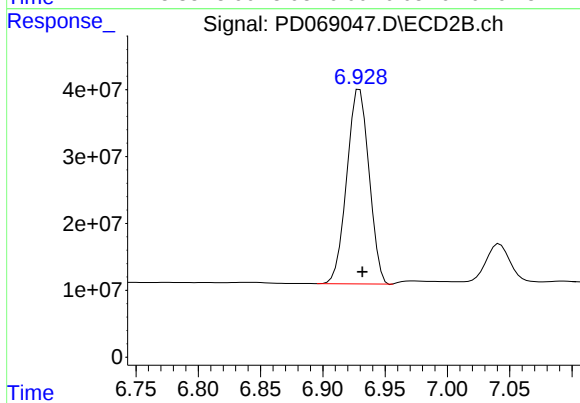
#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 3938102
Conc: 0.42 ng/ml



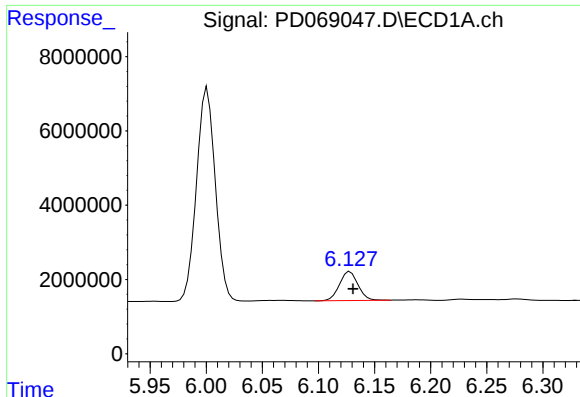
#14 Endrin

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 67064017
Conc: 50.91 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 363551044
Conc: 46.99 ng/ml



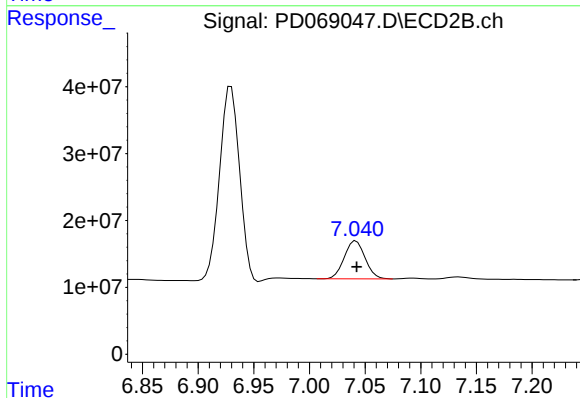
#16 4,4'-DDD

R.T.: 6.128 min
Delta R.T.: -0.003 min
Response: 8920643
Conc: 7.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

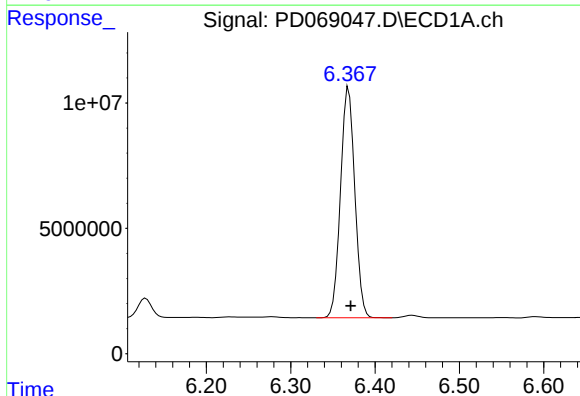
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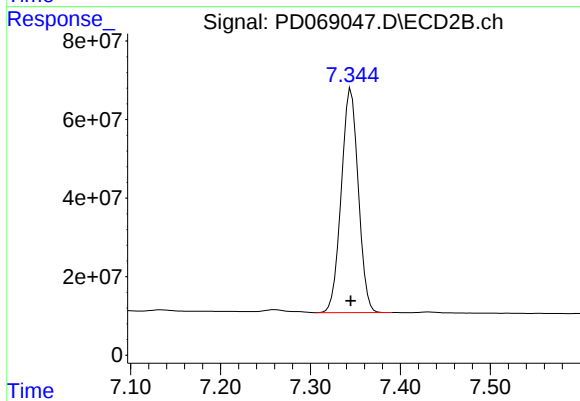
#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 73860052
Conc: 10.00 ng/ml



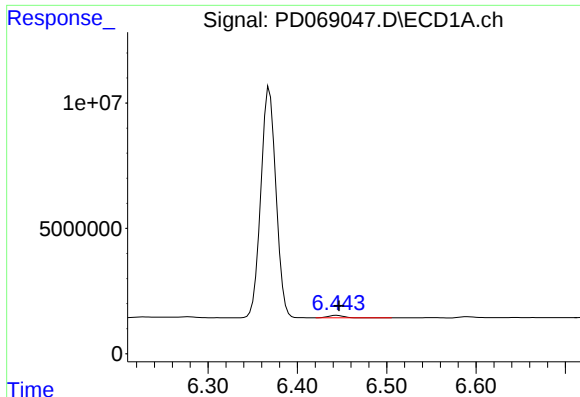
#17 4,4'-DDT

R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 108218229
Conc: 90.03 ng/ml



#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 749349920
Conc: 102.00 ng/ml



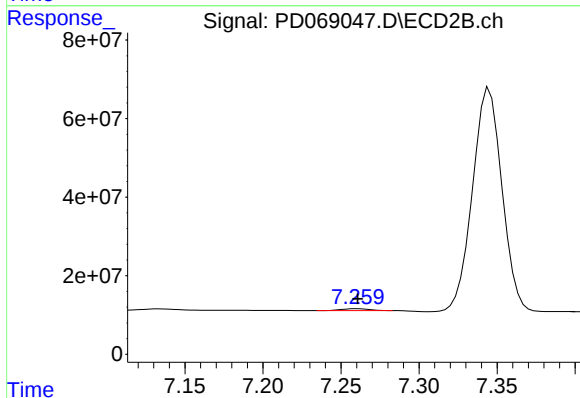
#18 Endrin aldehyde

R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 1211275
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

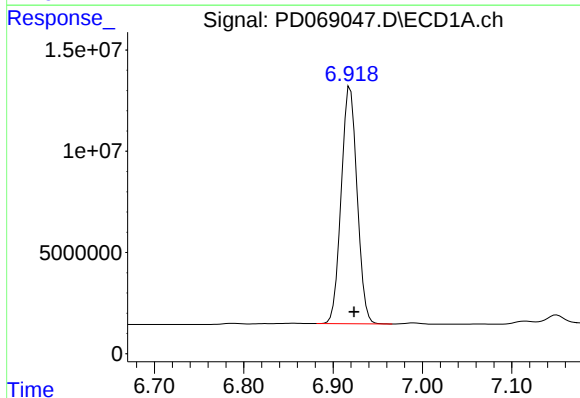
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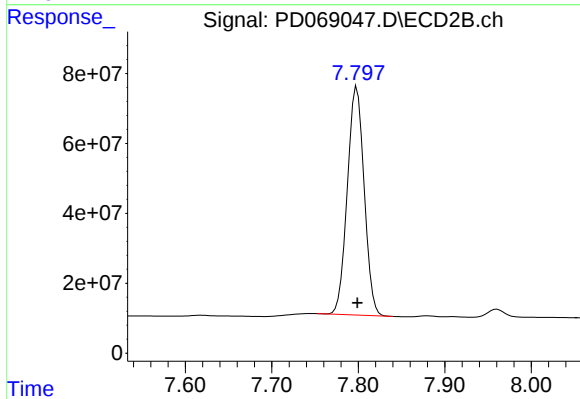
#18 Endrin aldehyde

R.T.: 7.259 min
Delta R.T.: -0.002 min
Response: 5856946
Conc: 0.97 ng/ml m



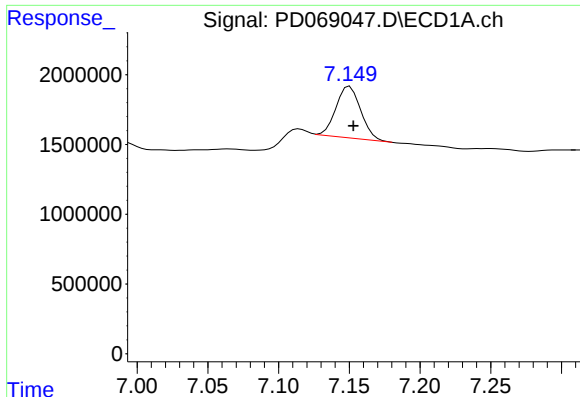
#20 Methoxychlor

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 144663690
Conc: 208.74 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 879839482
Conc: 241.36 ng/ml



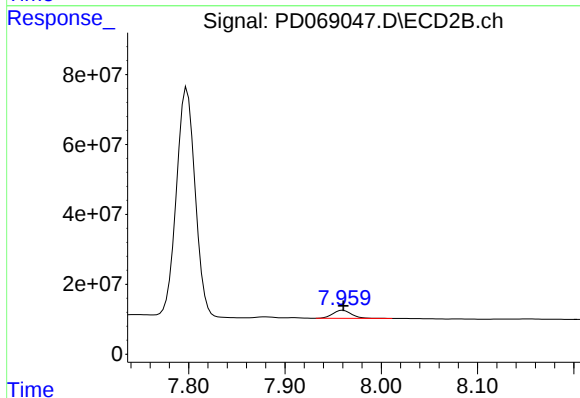
#21 Endrin ketone

R.T.: 7.149 min
Delta R.T.: -0.004 min
Response: 4489784
Conc: 3.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

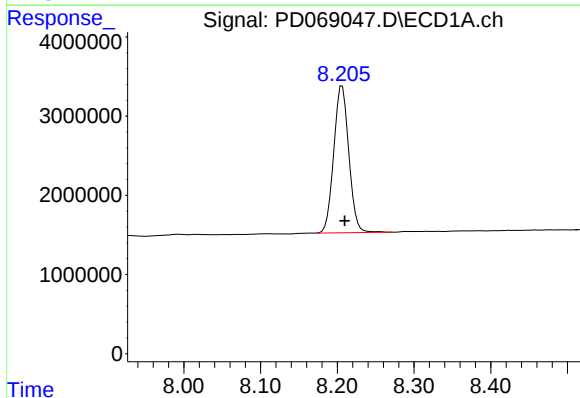
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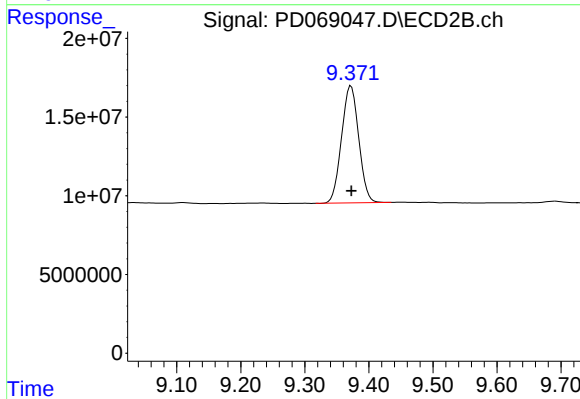
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 30663778
Conc: 3.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.206 min
Delta R.T.: -0.003 min
Response: 25313188
Conc: 20.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 138425764
Conc: 24.43 ng/ml