

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060922\
 Data File : PD070228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2022 09:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/10/2022
 Supervised By : Ankita Jodhani 06/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 14:23:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 08 02:48:31 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...	3.448	4.169	24869951	247.5E6	22.908	25.354
28)	SA Decachlor...	8.203	9.368	25100298	152.2E6	22.570	24.749
Target Compounds							
2)	A alpha-BHC	3.887	4.565	17237858	190.3E6	10.539	13.056
3)	MA gamma-BHC...	4.171	4.855	17525868	179.1E6	11.382	13.274m
6)	B beta-BHC	4.422	5.019	8759367	94229023	12.175	15.477m#
12)	B 4,4'-DDE	5.609	6.545	479925	3220919	0.384m	0.307m
14)	MA Endrin	6.000	6.925	63938743	376.5E6	53.093	44.856
16)	A 4,4'-DDD	6.126	7.036	6041442	51916171	5.563m	6.173m
17)	MA 4,4'-DDT	6.367	7.340	110.2E6	818.8E6	103.887	95.392m
18)	B Endrin al...	6.443	7.255	2023014	14132256	2.186	2.059m
20)	A Methoxychlor	6.917	7.795	143.4E6	938.9E6	232.546	222.658
21)	B Endrin ke...	7.147	7.957	5944903	41465112	4.416m	4.779

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

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Acq On : 09 Jun 2022 09:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

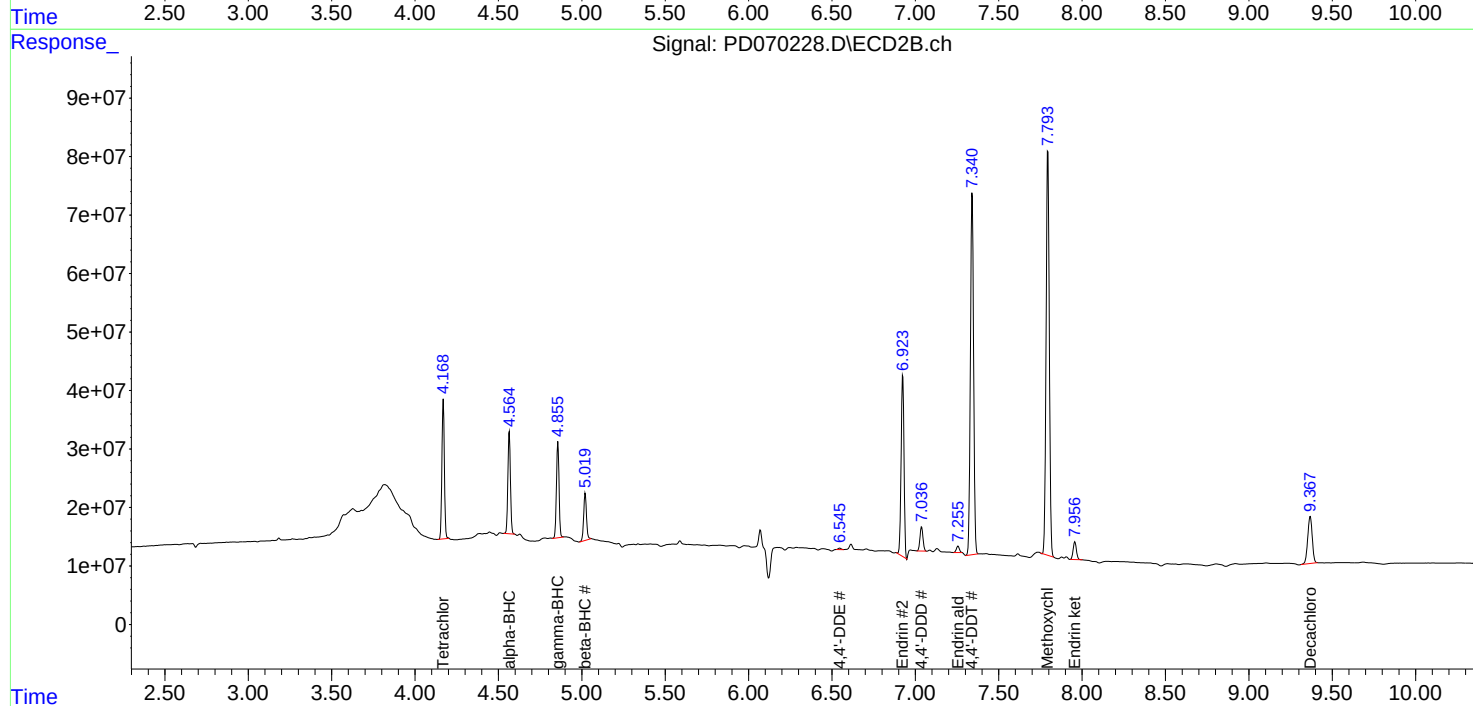
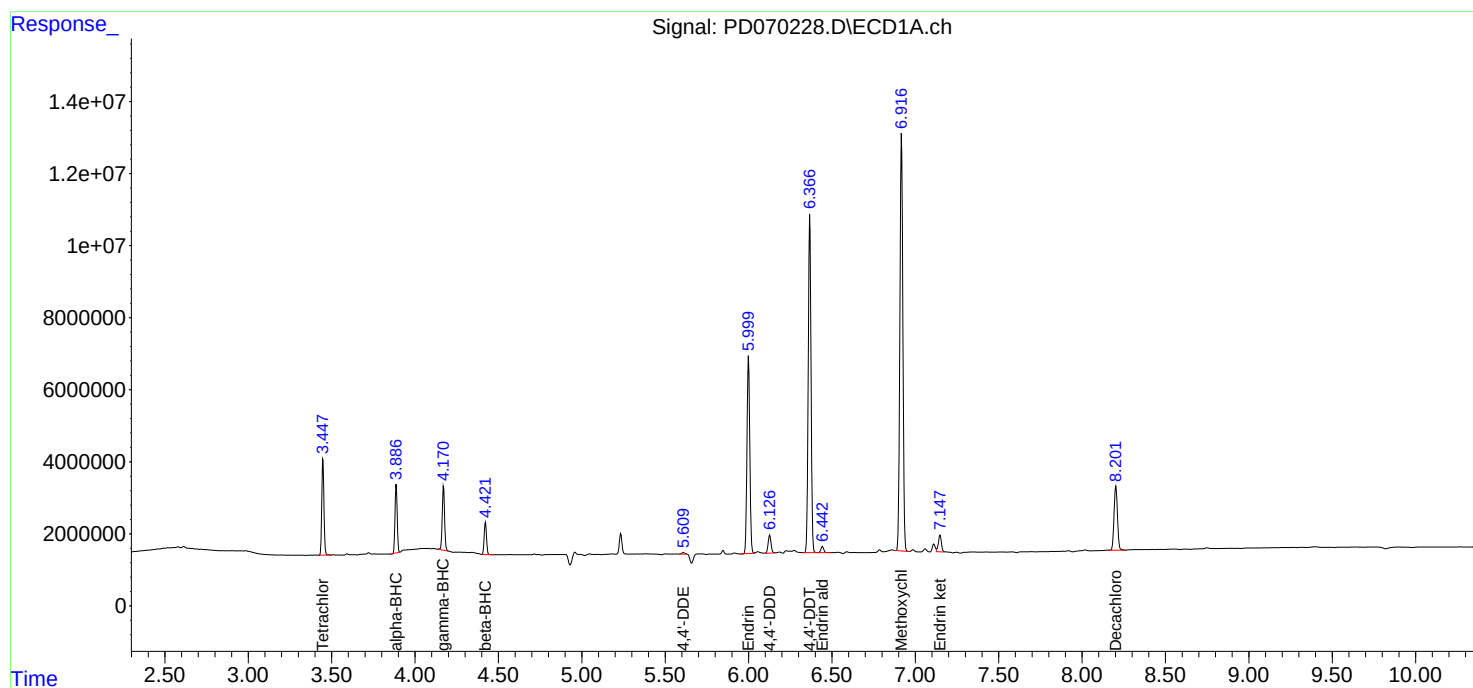
Instrument :
ECD_D
ClientSampleId :
PEM

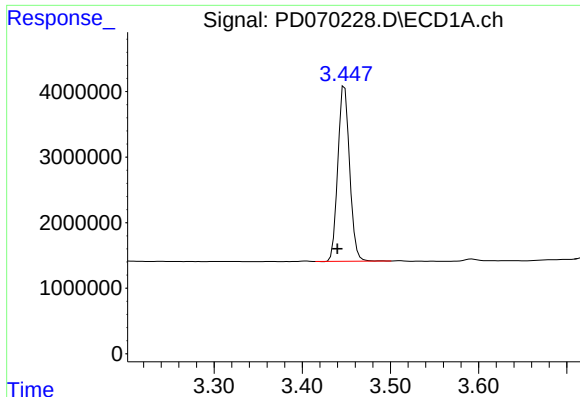
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
Quant Title : GC Extractables
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Volume 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





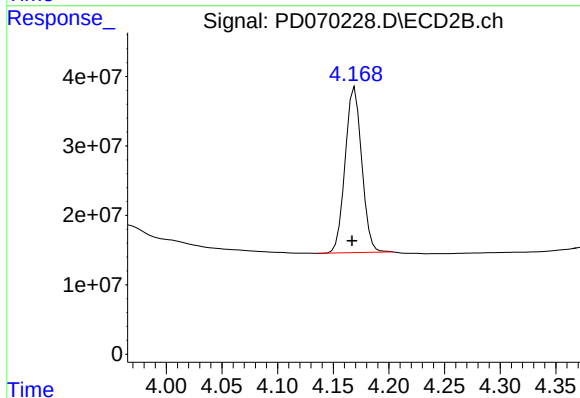
#1 Tetrachloro-m-xylene

R.T.: 3.448 min
Delta R.T.: 0.008 min
Response: 24869951
Conc: 22.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

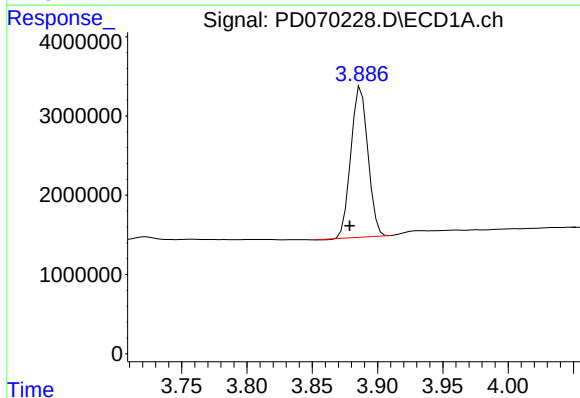
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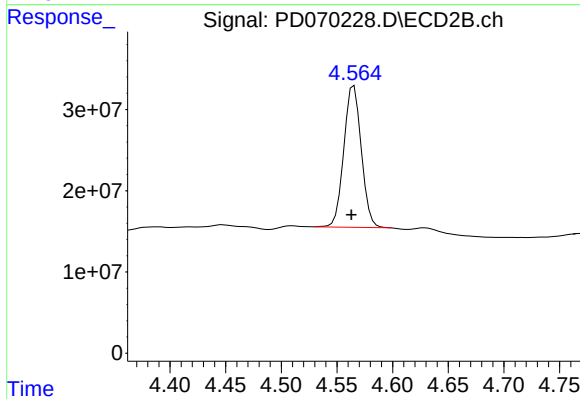
#1 Tetrachloro-m-xylene

R.T.: 4.169 min
Delta R.T.: 0.002 min
Response: 247488256
Conc: 25.35 ng/ml



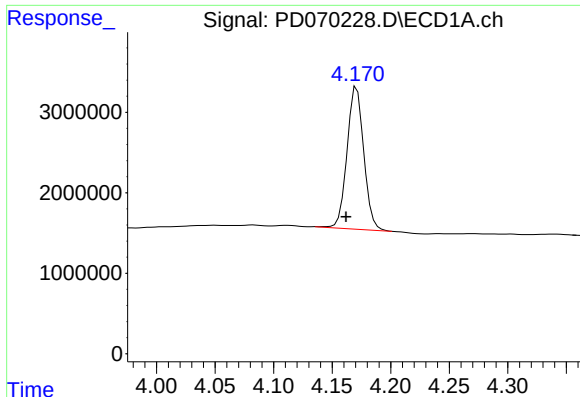
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.009 min
Response: 17237858
Conc: 10.54 ng/ml



#2 alpha-BHC

R.T.: 4.565 min
Delta R.T.: 0.002 min
Response: 190286500
Conc: 13.06 ng/ml



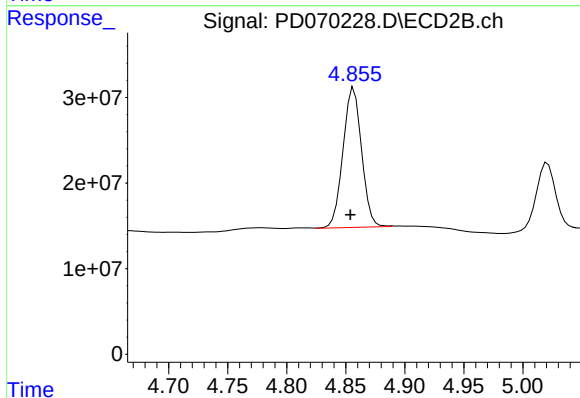
#3 gamma-BHC (Lindane)

R.T.: 4.171 min
Delta R.T.: 0.009 min
Response: 17525868
Conc: 11.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

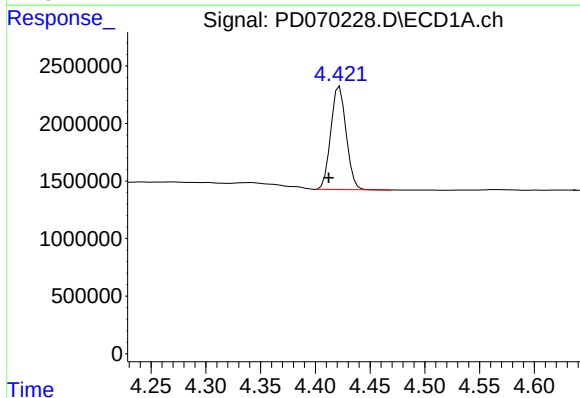
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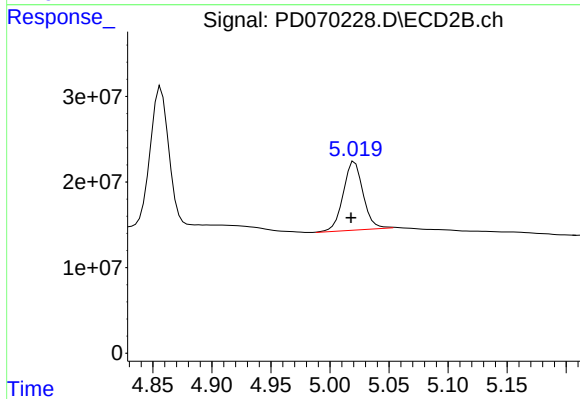
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: 0.001 min
Response: 179115471
Conc: 13.27 ng/ml m



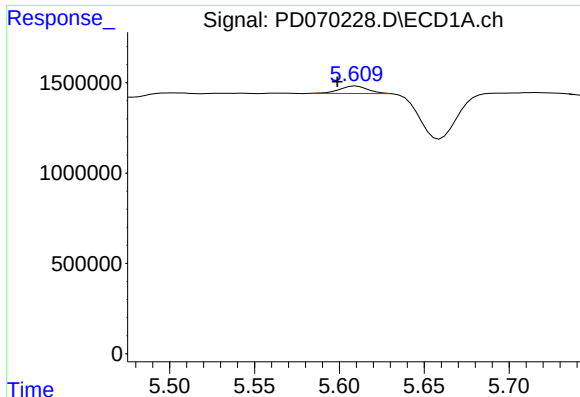
#6 beta-BHC

R.T.: 4.422 min
Delta R.T.: 0.010 min
Response: 8759367
Conc: 12.18 ng/ml



#6 beta-BHC

R.T.: 5.019 min
Delta R.T.: 0.002 min
Response: 94229023
Conc: 15.48 ng/ml m



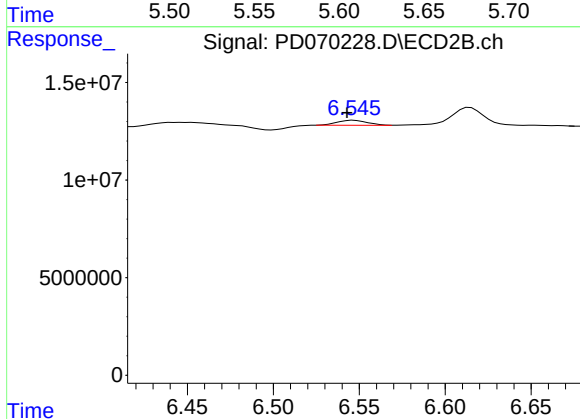
#12 4,4'-DDE

R.T.: 5.609 min
Delta R.T.: 0.010 min
Response: 479925
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

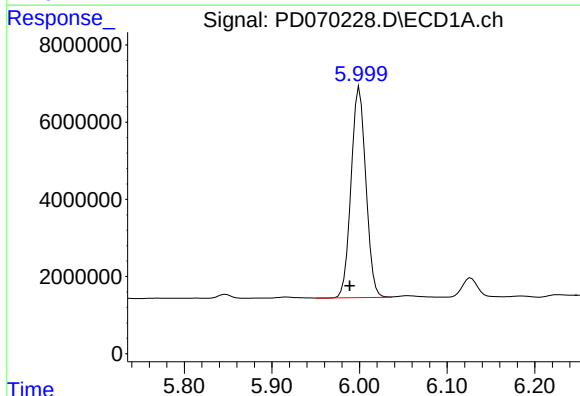
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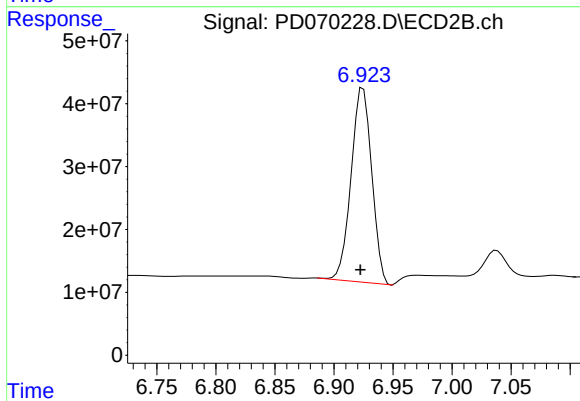
#12 4,4'-DDE

R.T.: 6.545 min
Delta R.T.: 0.003 min
Response: 3220919
Conc: 0.31 ng/ml m



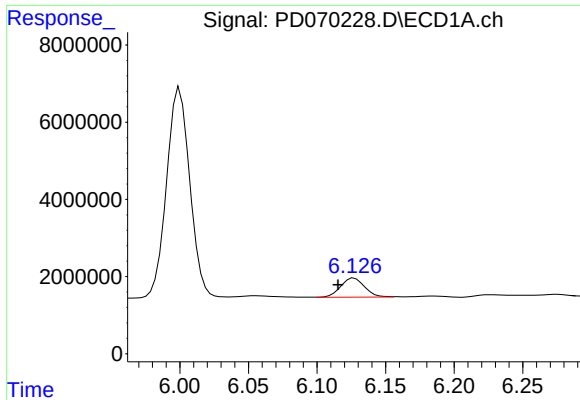
#14 Endrin

R.T.: 6.000 min
Delta R.T.: 0.011 min
Response: 63938743
Conc: 53.09 ng/ml



#14 Endrin

R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 376514515
Conc: 44.86 ng/ml



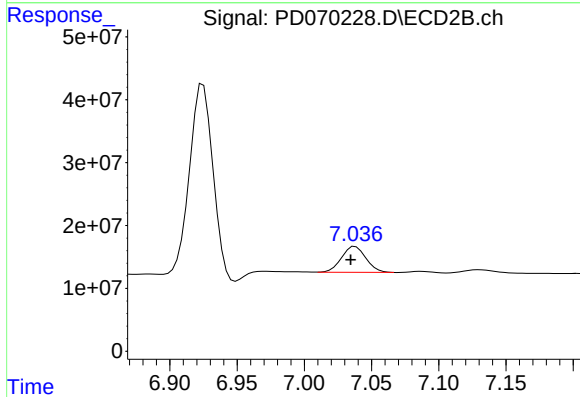
#16 4,4'-DDD

R.T.: 6.126 min
Delta R.T.: 0.010 min
Response: 6041442
Conc: 5.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

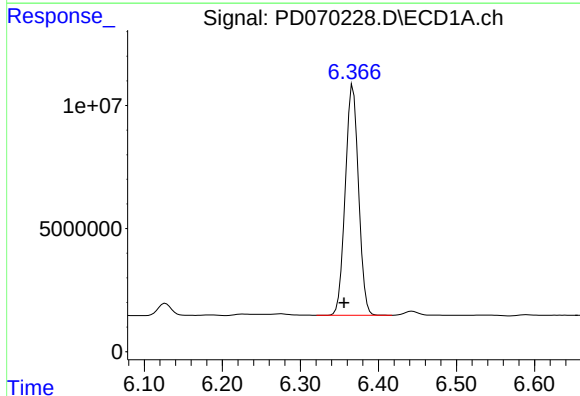
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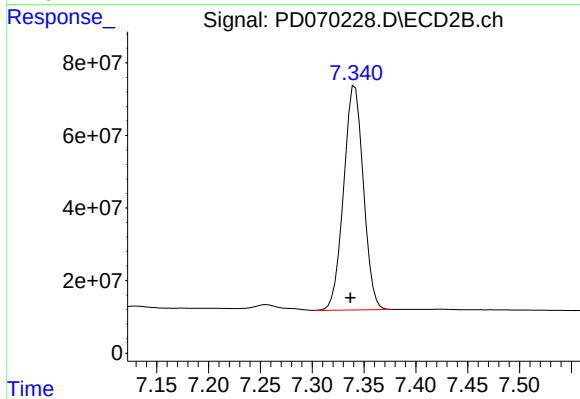
#16 4,4'-DDD

R.T.: 7.036 min
Delta R.T.: 0.002 min
Response: 51916171
Conc: 6.17 ng/ml m



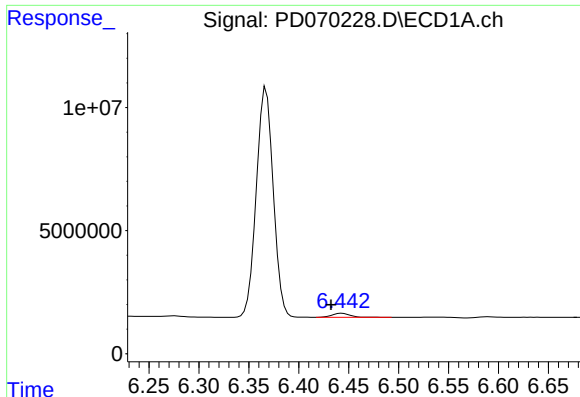
#17 4,4'-DDT

R.T.: 6.367 min
Delta R.T.: 0.012 min
Response: 110213680
Conc: 103.89 ng/ml



#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.003 min
Response: 818756228
Conc: 95.39 ng/ml m



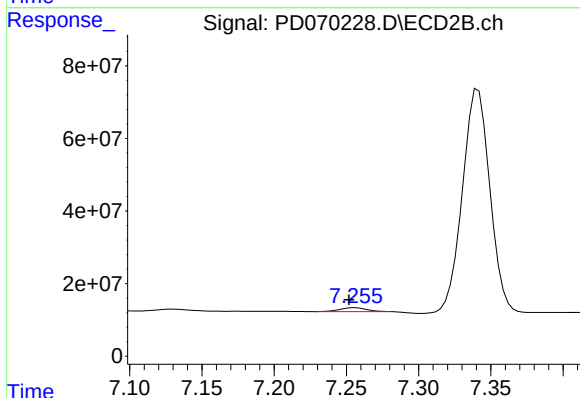
#18 Endrin aldehyde

R.T.: 6.443 min
Delta R.T.: 0.011 min
Response: 2023014
Conc: 2.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

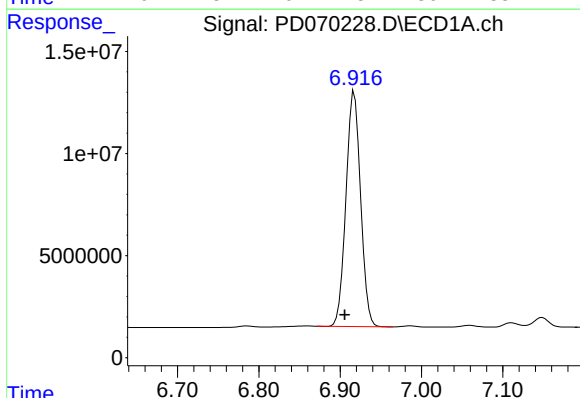
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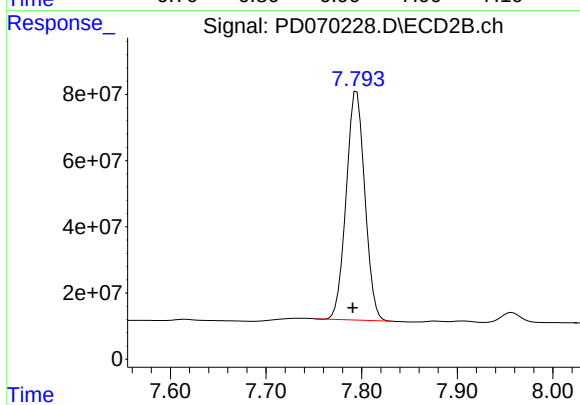
#18 Endrin aldehyde

R.T.: 7.255 min
Delta R.T.: 0.003 min
Response: 14132256
Conc: 2.06 ng/ml m



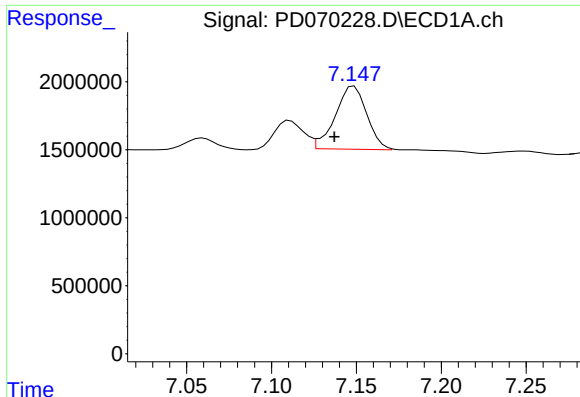
#20 Methoxychlor

R.T.: 6.917 min
Delta R.T.: 0.012 min
Response: 143370974
Conc: 232.55 ng/ml



#20 Methoxychlor

R.T.: 7.795 min
Delta R.T.: 0.004 min
Response: 938857259
Conc: 222.66 ng/ml



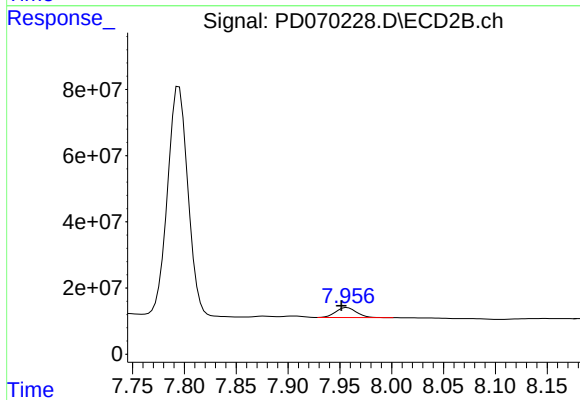
#21 Endrin ketone

R.T.: 7.147 min
Delta R.T.: 0.010 min
Response: 5944903
Conc: 4.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

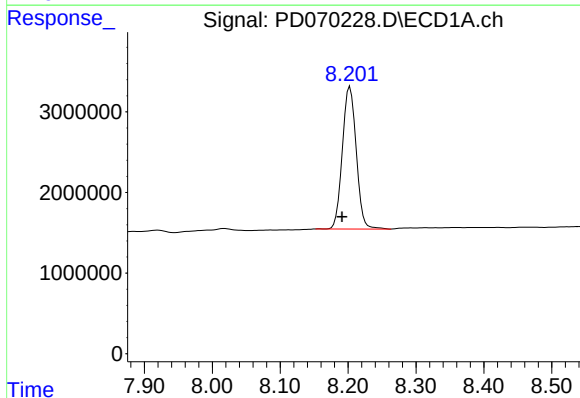
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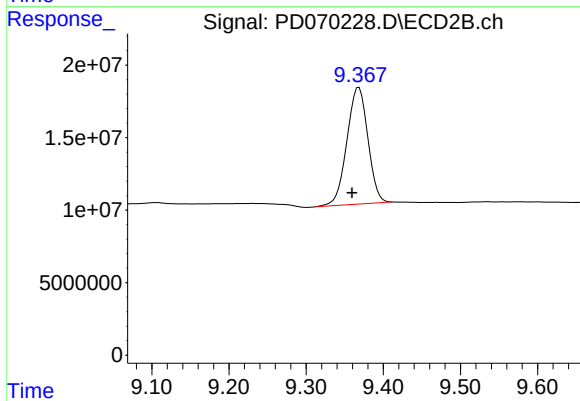
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: 0.005 min
Response: 41465112
Conc: 4.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.203 min
Delta R.T.: 0.012 min
Response: 25100298
Conc: 22.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.368 min
Delta R.T.: 0.009 min
Response: 152221166
Conc: 24.75 ng/ml