

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
 Data File : PD070072.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2022 16:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/06/2022
 Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 12:39:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 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...	3.442	4.169	21763088	211.0E6	20.450	23.947
28)	SA Decachlor...	8.193	9.363	21314746	122.5E6	19.542	22.659
Target Compounds							
2)	A alpha-BHC	3.880	4.565	15582057	158.2E6	9.509	12.084 #
3)	MA gamma-BHC...	4.163	4.855	17345948	150.5E6	10.050	12.199
6)	B beta-BHC	4.414	5.020	8244127	72499387	11.845	13.802
12)	B 4,4'-DDE	5.599	6.543	261185	3497629	0.206m	0.387m#
14)	MA Endrin	5.991	6.925	56627659	419.2E6	49.042	62.118 #
16)	A 4,4'-DDD	6.118	7.036	7572373	64956566	6.999	8.772 #
17)	MA 4,4'-DDT	6.358	7.340	92673974	666.4E6	93.509	91.066
18)	B Endrin al...	6.434	7.254	1102865	7779015	1.284	1.355
20)	A Methoxychlor	6.908	7.792	131.3E6	808.2E6	231.419	226.663
21)	B Endrin ke...	7.140	7.955	3604013	24774222	2.705	3.112

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

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Acq On : 04 Jun 2022 16:03
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

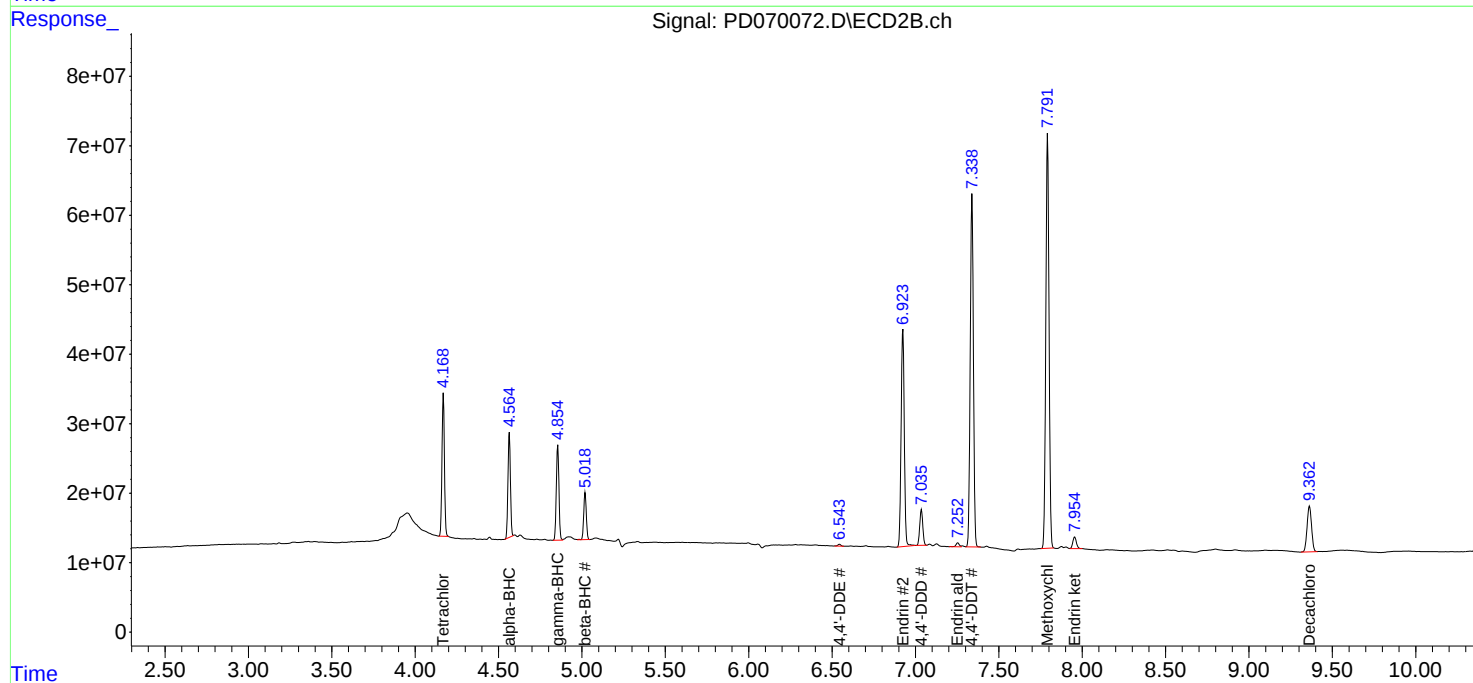
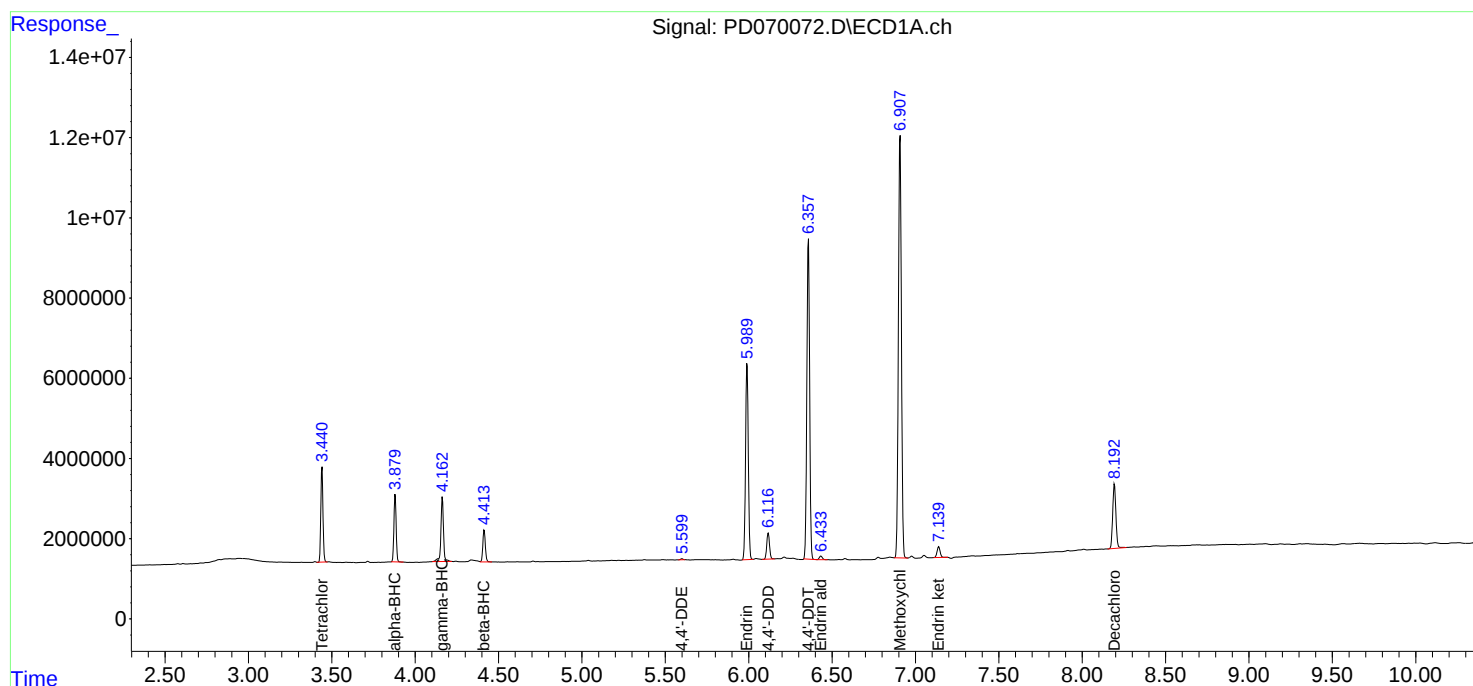
Instrument :
ECD_D
ClientSampleId :
PEM

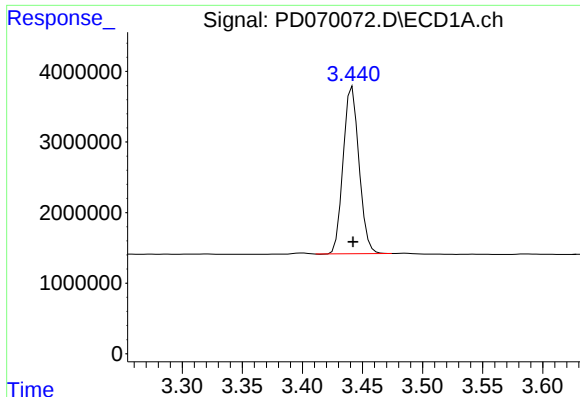
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Integration File signal 1: autoint1.e
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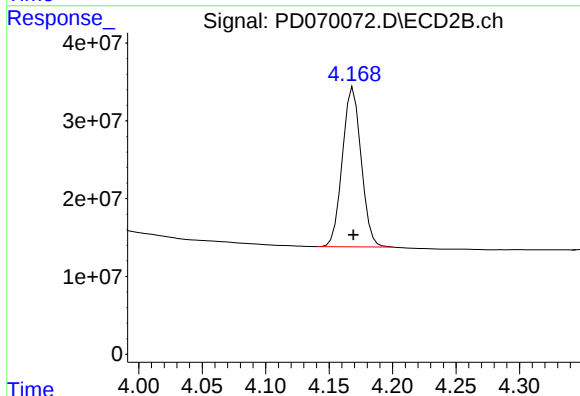
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 21763088
Conc: 20.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

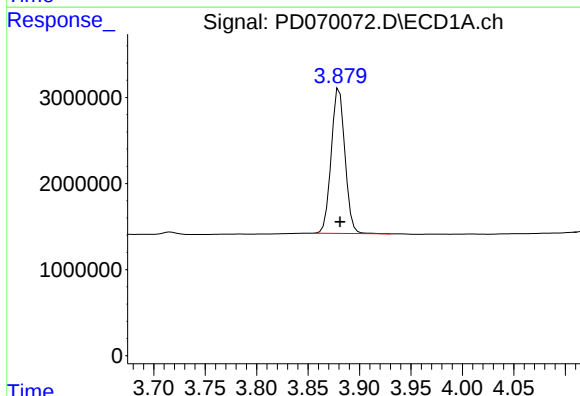
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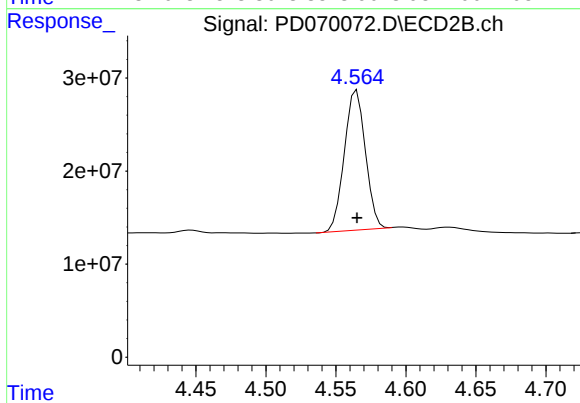
#1 Tetrachloro-m-xylene

R.T.: 4.169 min
Delta R.T.: 0.000 min
Response: 211011686
Conc: 23.95 ng/ml



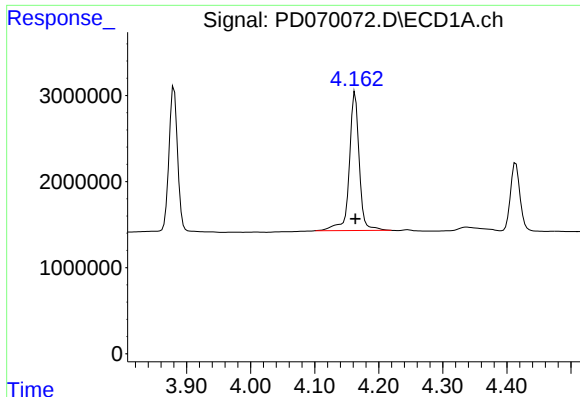
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.000 min
Response: 15582057
Conc: 9.51 ng/ml



#2 alpha-BHC

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 158235686
Conc: 12.08 ng/ml



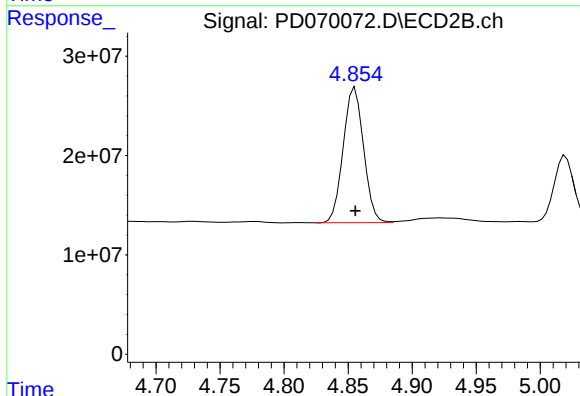
#3 gamma-BHC (Lindane)

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 17345948
Conc: 10.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

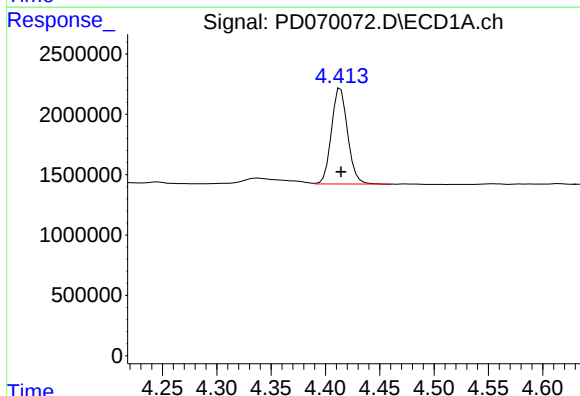
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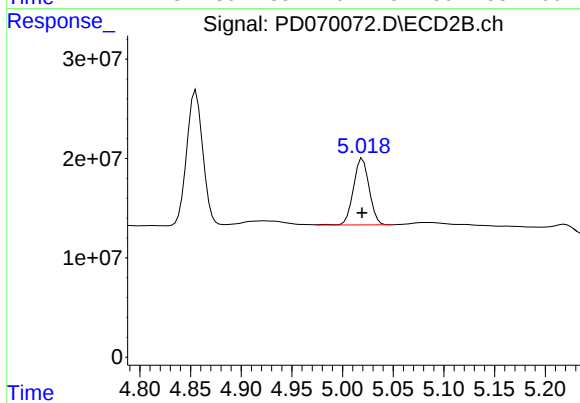
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 150491841
Conc: 12.20 ng/ml



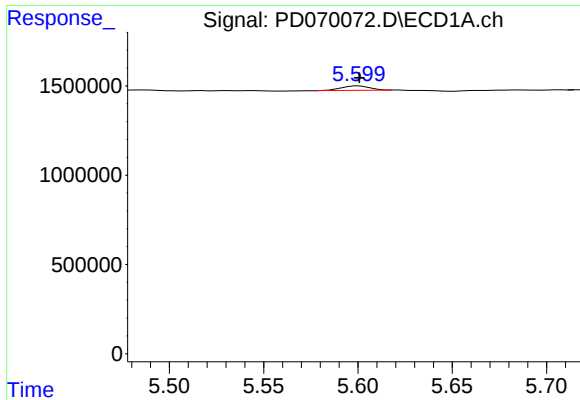
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 8244127
Conc: 11.85 ng/ml



#6 beta-BHC

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 72499387
Conc: 13.80 ng/ml



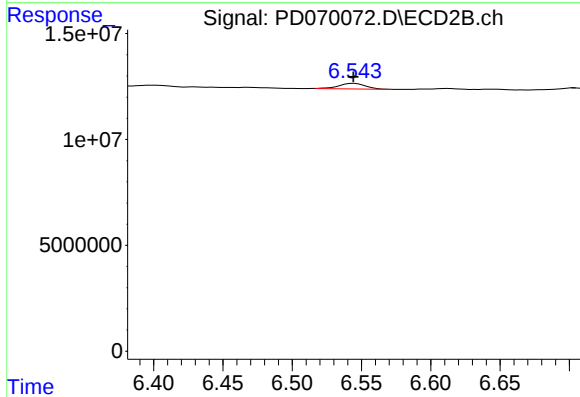
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 261185
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

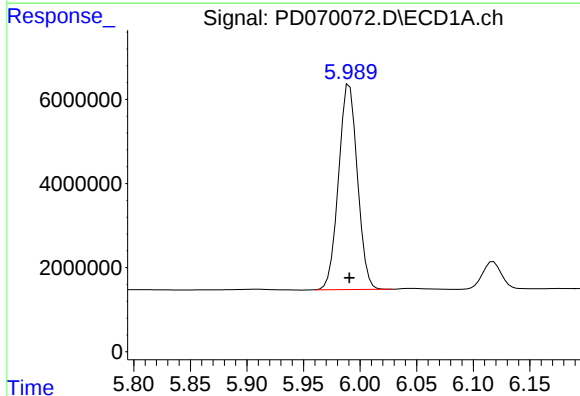
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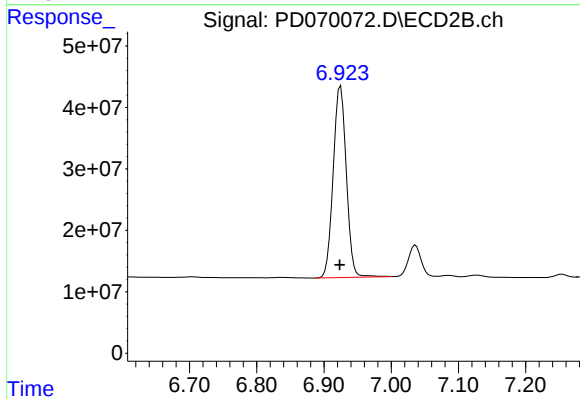
#12 4,4'-DDE

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 3497629
Conc: 0.39 ng/ml m



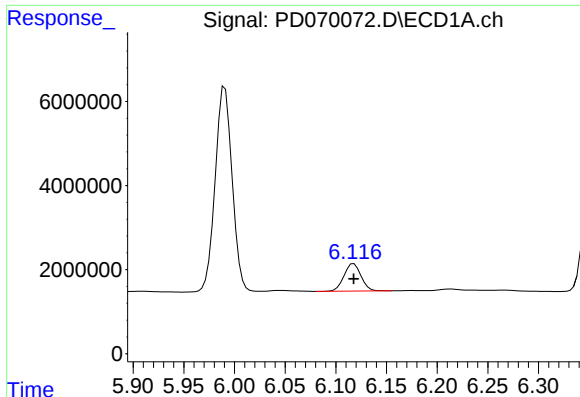
#14 Endrin

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 56627659
Conc: 49.04 ng/ml



#14 Endrin

R.T.: 6.925 min
Delta R.T.: 0.001 min
Response: 419247017
Conc: 62.12 ng/ml



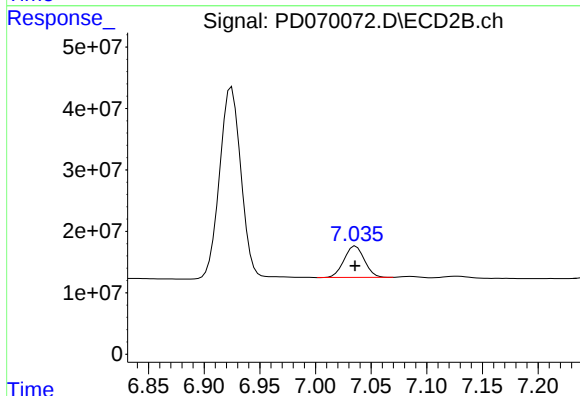
#16 4,4'-DDD

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 7572373
Conc: 7.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

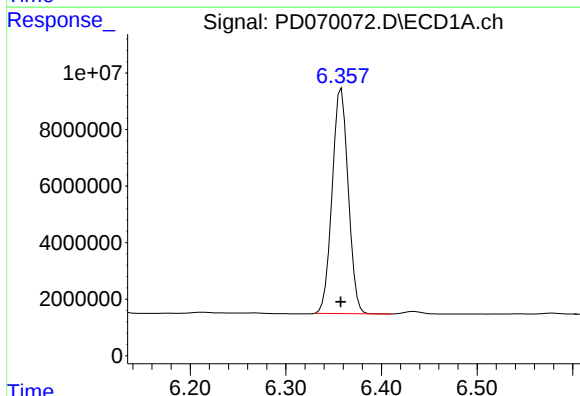
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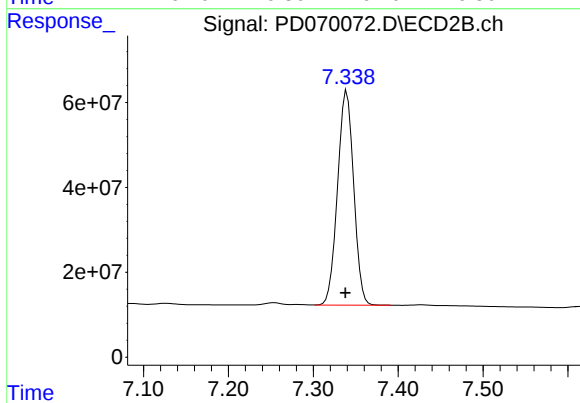
#16 4,4'-DDD

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 64956566
Conc: 8.77 ng/ml



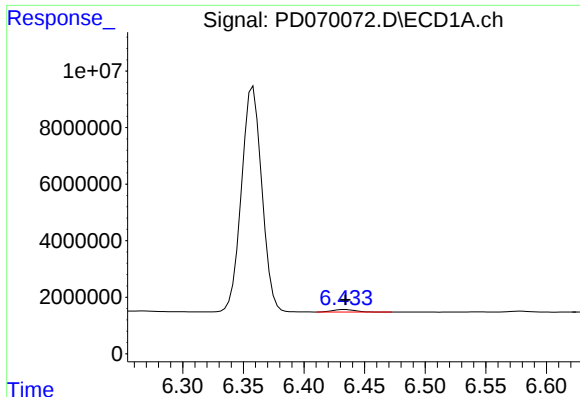
#17 4,4'-DDT

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 92673974
Conc: 93.51 ng/ml



#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.002 min
Response: 666427619
Conc: 91.07 ng/ml



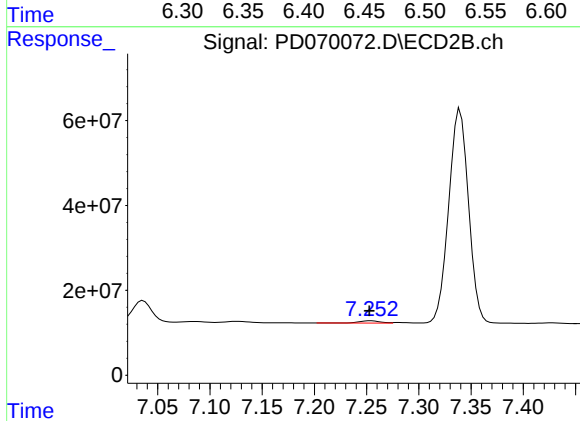
#18 Endrin aldehyde

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 1102865
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

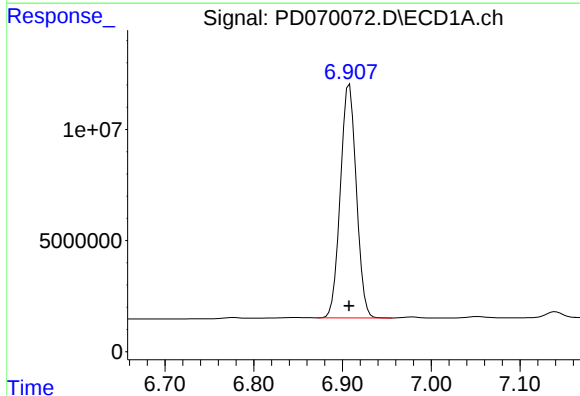
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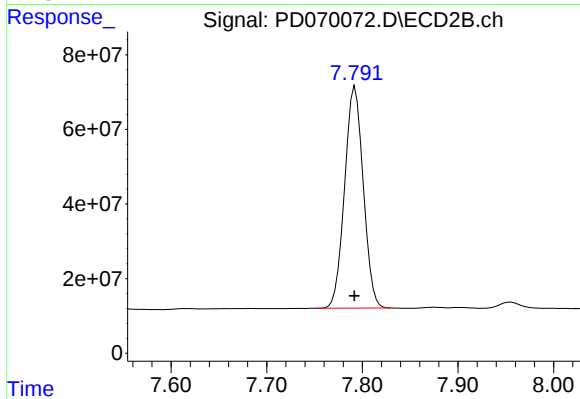
#18 Endrin aldehyde

R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 7779015
Conc: 1.35 ng/ml



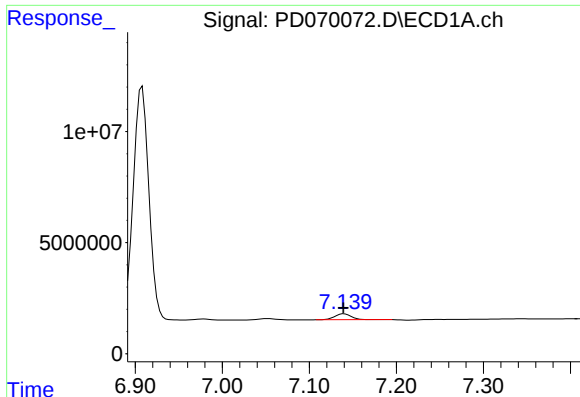
#20 Methoxychlor

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 131284532
Conc: 231.42 ng/ml



#20 Methoxychlor

R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 808192267
Conc: 226.66 ng/ml



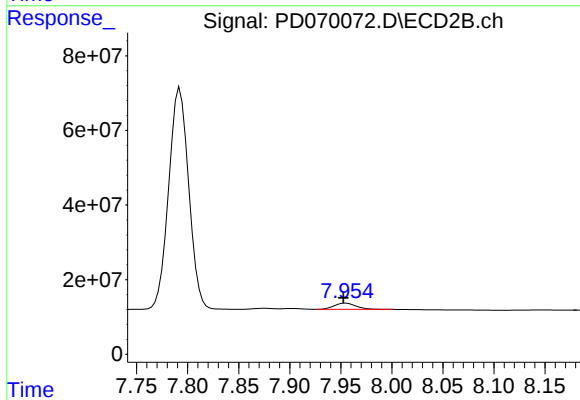
#21 Endrin ketone

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 3604013
Conc: 2.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

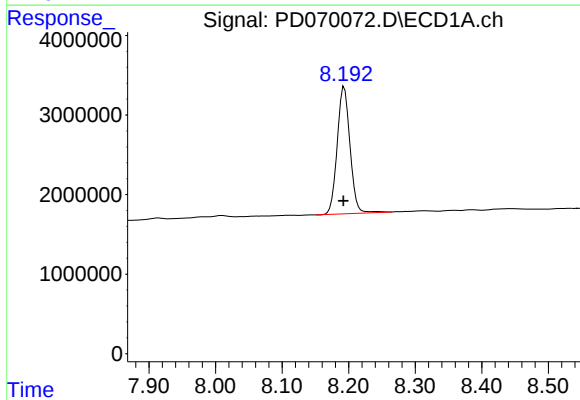
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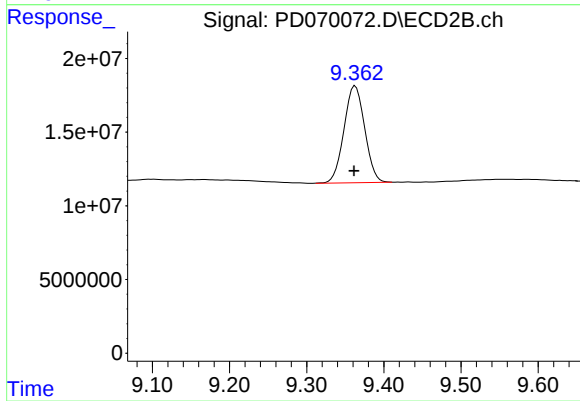
#21 Endrin ketone

R.T.: 7.955 min
Delta R.T.: 0.002 min
Response: 24774222
Conc: 3.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.193 min
Delta R.T.: 0.001 min
Response: 21314746
Conc: 19.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.363 min
Delta R.T.: 0.002 min
Response: 122540444
Conc: 22.66 ng/ml