

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
 Data File : PD071014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 03:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/20/2022
 Supervised By : Ankita Jodhani 07/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 06:37:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 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...	3.474	4.125	57222390	598.9E6	19.746	20.716
28)	SA Decachlor...	8.243	9.322	61843243	238.5E6	20.241	20.910
Target Compounds							
2)	A alpha-BHC	3.915	4.530	44584916	439.1E6	10.162	11.585
3)	MA gamma-BHC...	4.199	4.824	41445874	382.8E6	9.545	12.818 #
6)	B beta-BHC	4.448	5.000	18351118	169.3E6	10.980	12.624
12)	B 4,4'-DDE	5.645	6.512	1028210	1555300	0.292	0.104m#
14)	MA Endrin	6.035	6.897	160.4E6	546.6E6	51.370	52.696
16)	A 4,4'-DDD	6.162	7.012	4842519	15633100	1.650	1.257
17)	MA 4,4'-DDT	6.403	7.314	335.3E6	1273.7E6	109.525	95.101
18)	B Endrin al...	6.477	7.235	6951749	17067227	2.898	1.692m#
20)	A Methoxychlor	6.953	7.773	412.0E6	1528.9E6	249.206	222.502
21)	B Endrin ke...	7.184	7.942	13394032	46010462	3.867	3.324

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

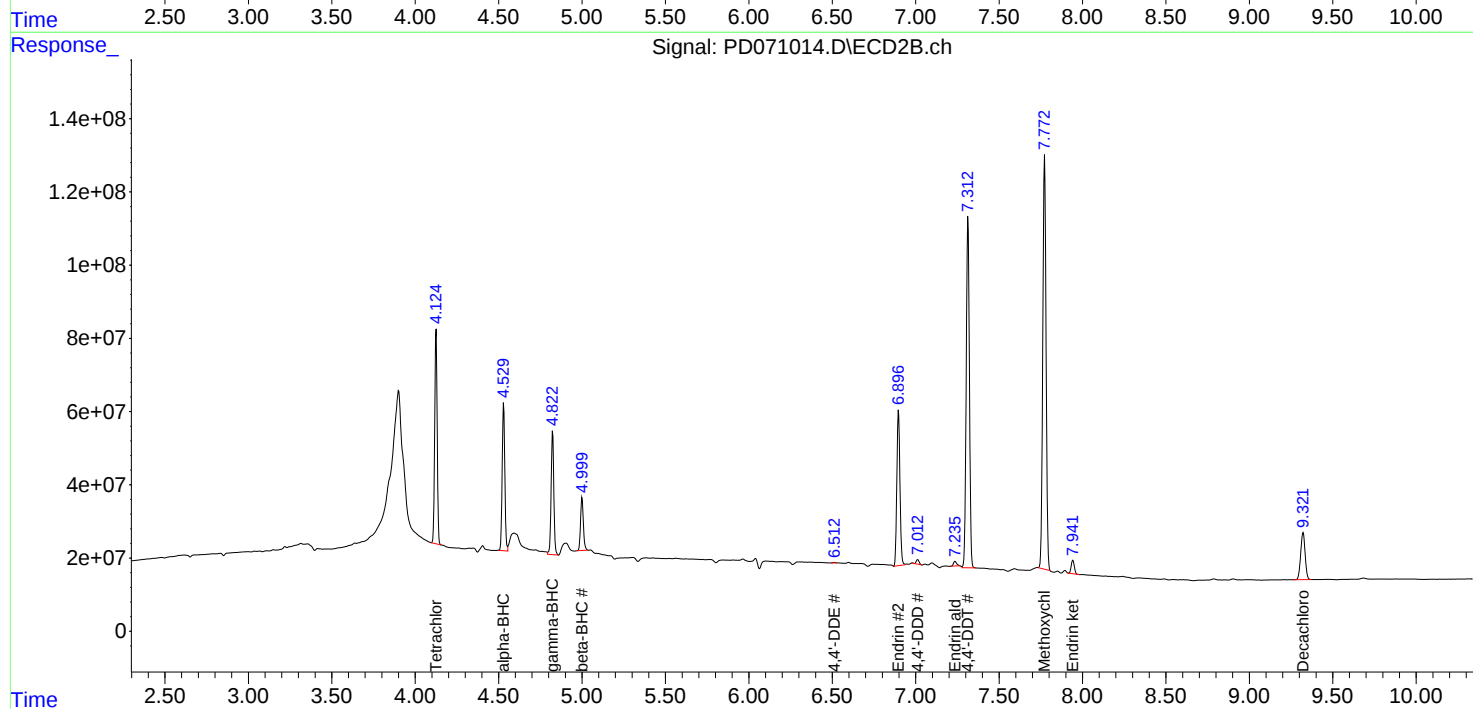
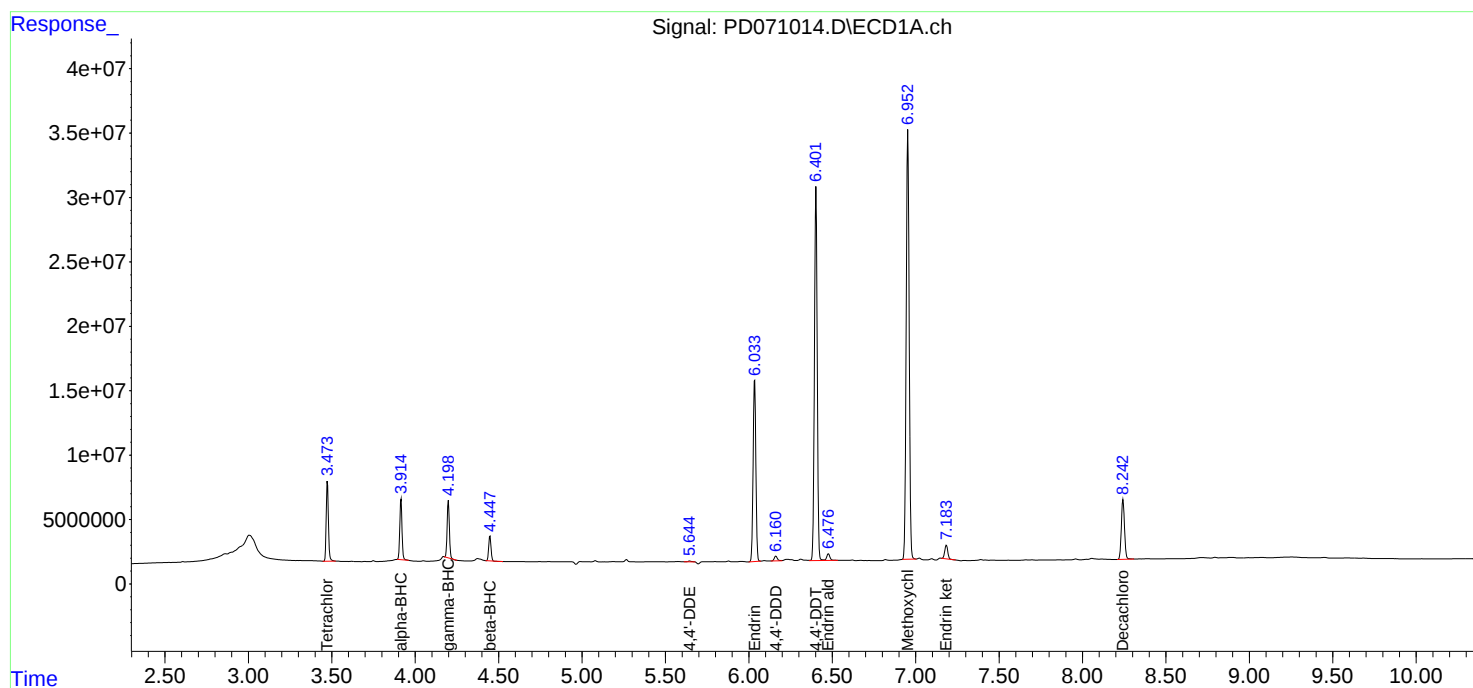
Instrument :
ECD_D
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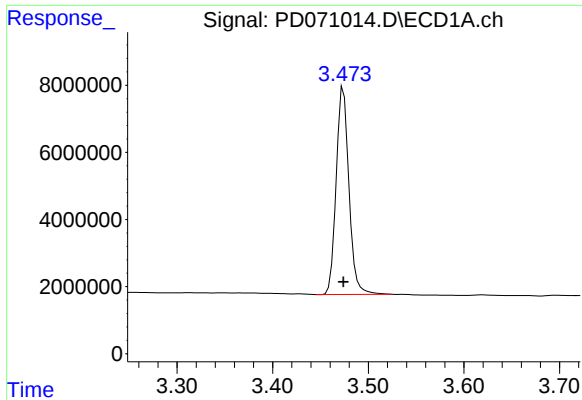
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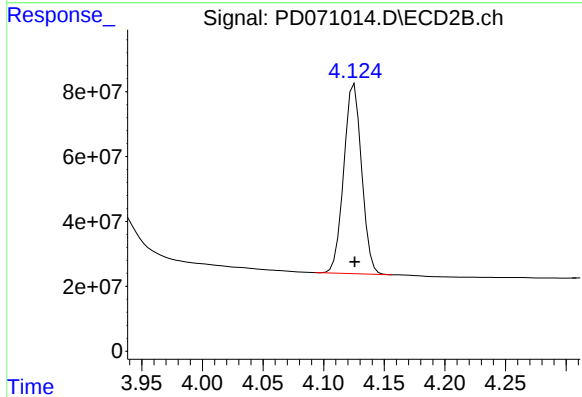
#1 Tetrachloro-m-xylene

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 57222390
Conc: 19.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

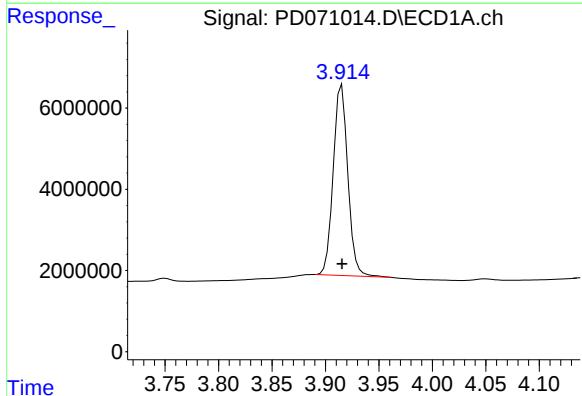
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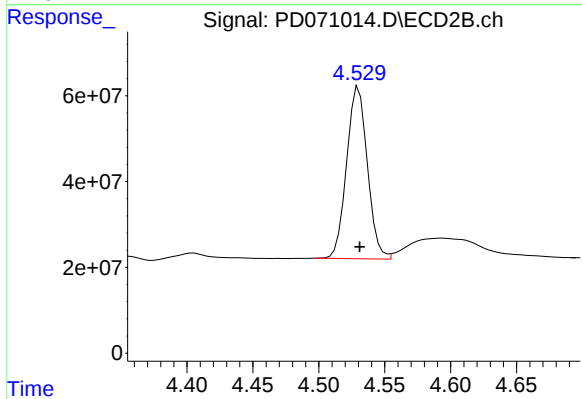
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 598940599
Conc: 20.72 ng/ml



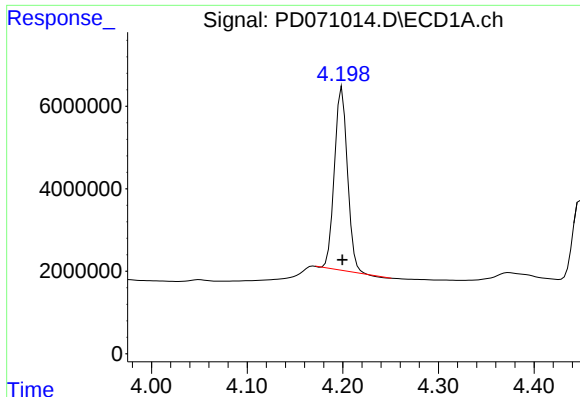
#2 alpha-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 44584916
Conc: 10.16 ng/ml



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 439115103
Conc: 11.59 ng/ml



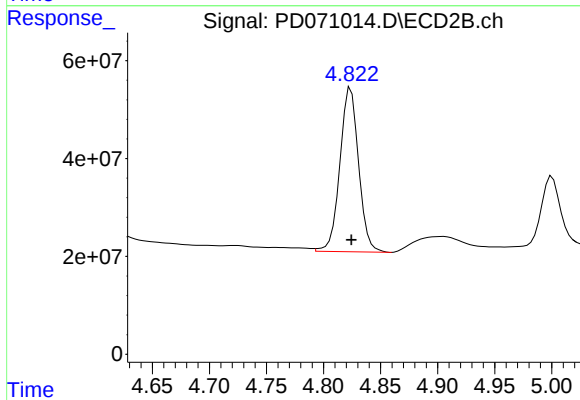
#3 gamma-BHC (Lindane)

R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 41445874
Conc: 9.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

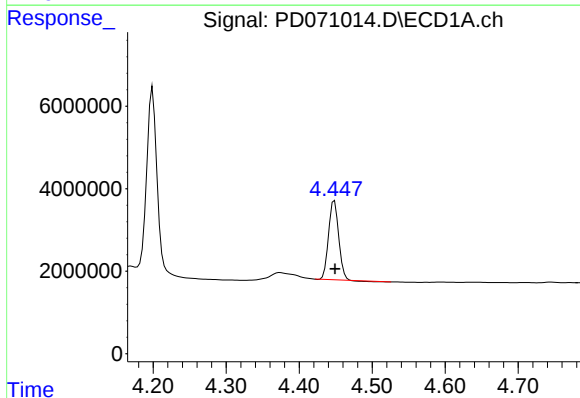
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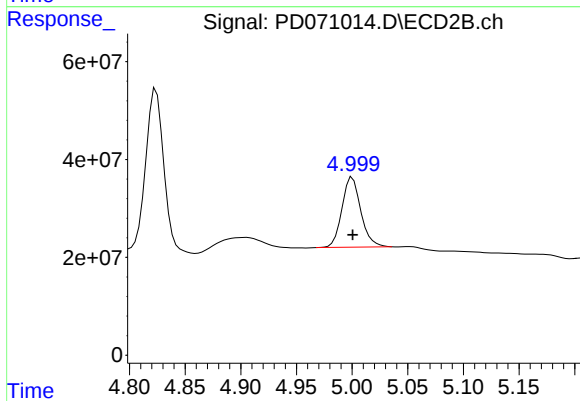
#3 gamma-BHC (Lindane)

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 382842689
Conc: 12.82 ng/ml



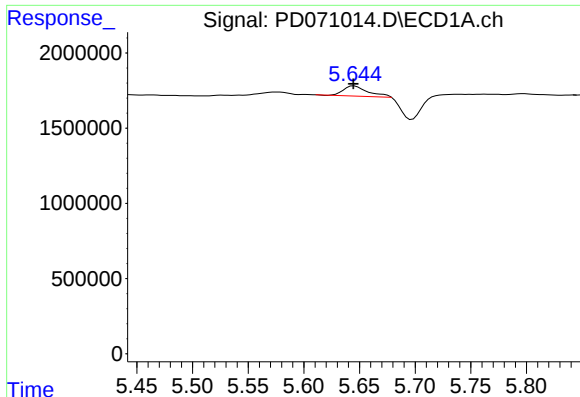
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: -0.001 min
Response: 18351118
Conc: 10.98 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 169335521
Conc: 12.62 ng/ml



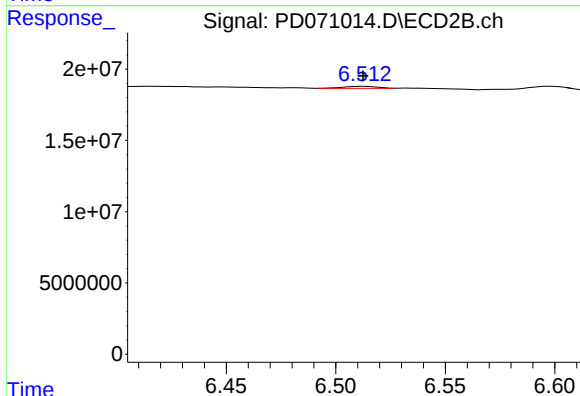
#12 4,4'-DDE

R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 1028210
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

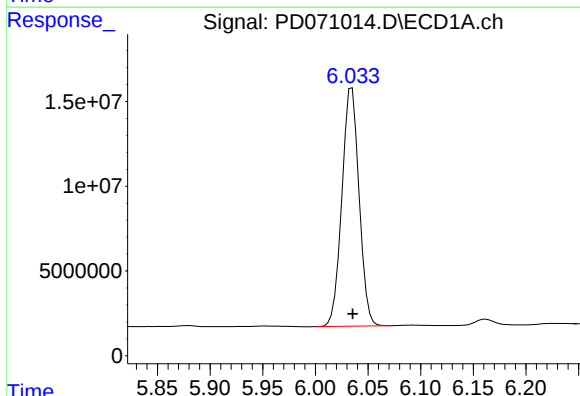
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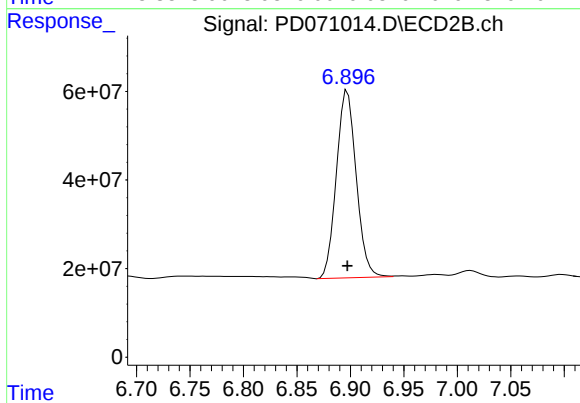
#12 4,4'-DDE

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 1555300
Conc: 0.10 ng/ml m



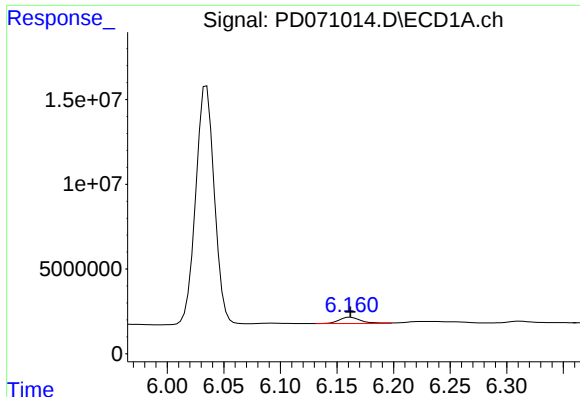
#14 Endrin

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 160415606
Conc: 51.37 ng/ml



#14 Endrin

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 546570902
Conc: 52.70 ng/ml



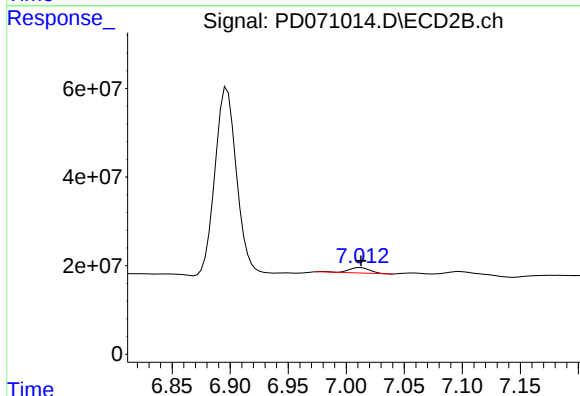
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 4842519
Conc: 1.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

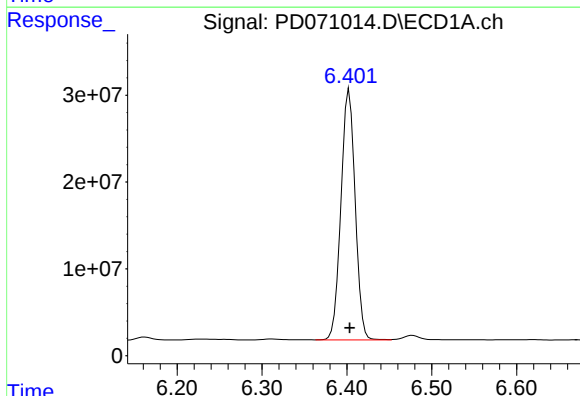
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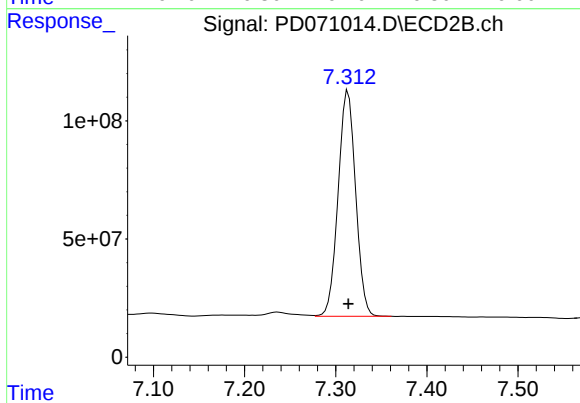
#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 15633100
Conc: 1.26 ng/ml



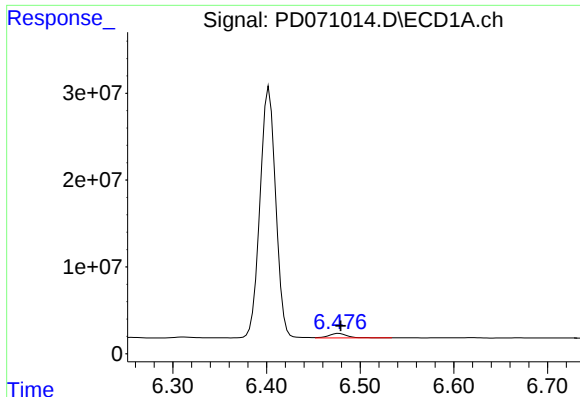
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 335269683
Conc: 109.52 ng/ml



#17 4,4'-DDT

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 1273734893
Conc: 95.10 ng/ml



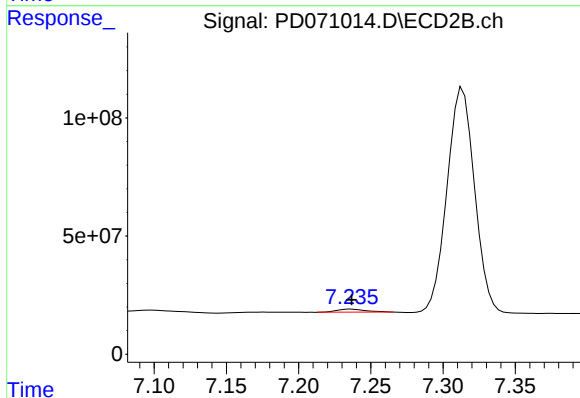
#18 Endrin aldehyde

R.T.: 6.477 min
Delta R.T.: -0.002 min
Response: 6951749
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

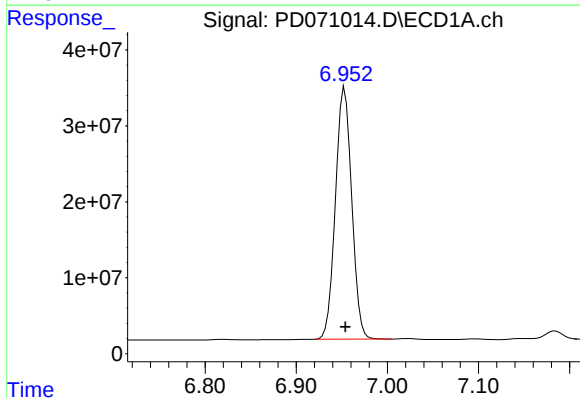
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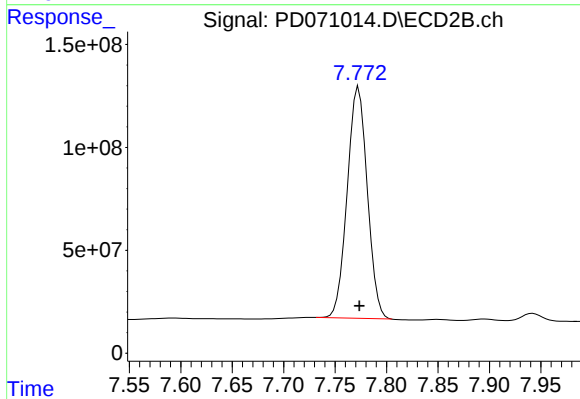
#18 Endrin aldehyde

R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 17067227
Conc: 1.69 ng/ml m



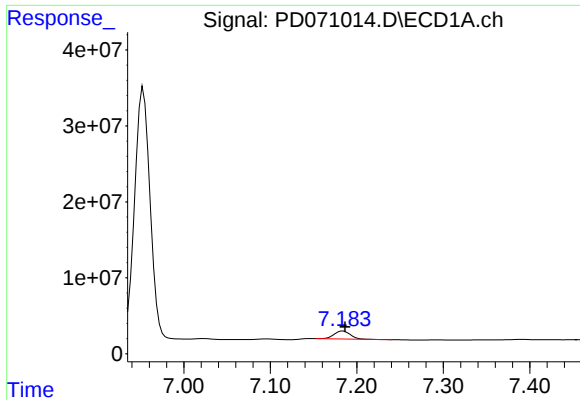
#20 Methoxychlor

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 411969632
Conc: 249.21 ng/ml



#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 1528920924
Conc: 222.50 ng/ml



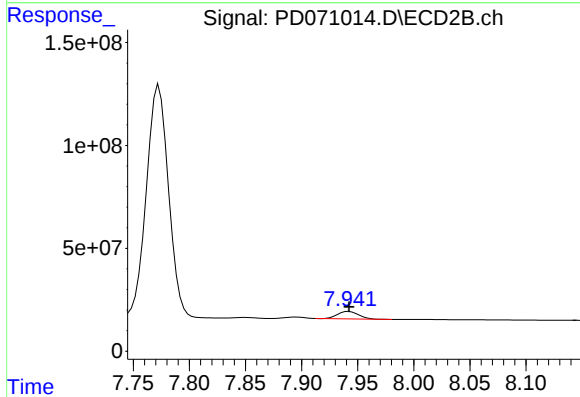
#21 Endrin ketone

R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 13394032
Conc: 3.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

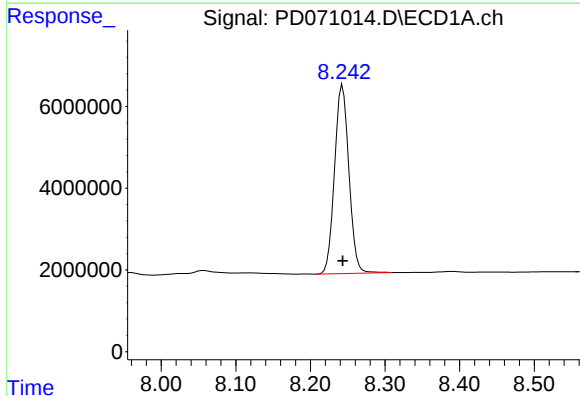
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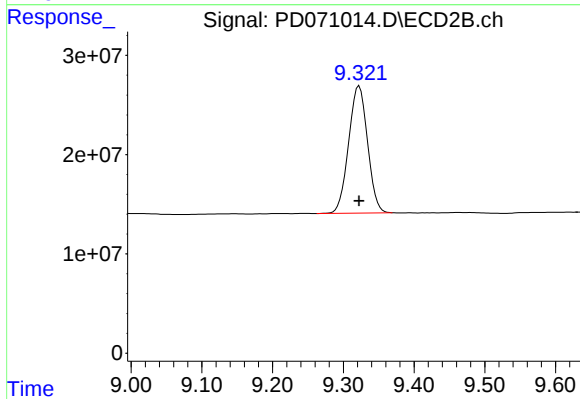
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 46010462
Conc: 3.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 61843243
Conc: 20.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.322 min
Delta R.T.: 0.000 min
Response: 238474275
Conc: 20.91 ng/ml