

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091022\
 Data File : PD071792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2022 19:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/12/2022
 Supervised By : Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 22:13:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 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...	2.811	3.562	50311658	632.4E6	20.575	22.037
28)	SA Decachlor...	8.000	9.090	53152948	204.6E6	21.099	22.004
Target Compounds							
2)	A alpha-BHC	3.320	4.028	39518938	456.7E6	10.255	11.382
3)	MA gamma-BHC...	3.653	4.364	34632097	358.9E6	9.864m	10.933
6)	B beta-BHC	3.953	4.571	16628157	136.9E6	10.975	10.358
12)	B 4,4'-DDE	5.300	6.222	337750	3152634	0.110m	0.214m#
14)	MA Endrin	5.708	6.614	129.7E6	586.7E6	43.779	46.448
17)	MA 4,4'-DDT	6.109	7.056	293.9E6	1169.2E6	111.678	94.647
18)	B Endrin al...	6.184	6.972	8945715	26609872	4.045	2.756 #
20)	A Methoxychlor	6.688	7.533	384.4E6	1394.4E6	256.724	229.367
21)	B Endrin ke...	6.916	7.695	9191842	36152449	3.063	2.907

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

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ALS Vial : 3 Sample Multiplier: 1

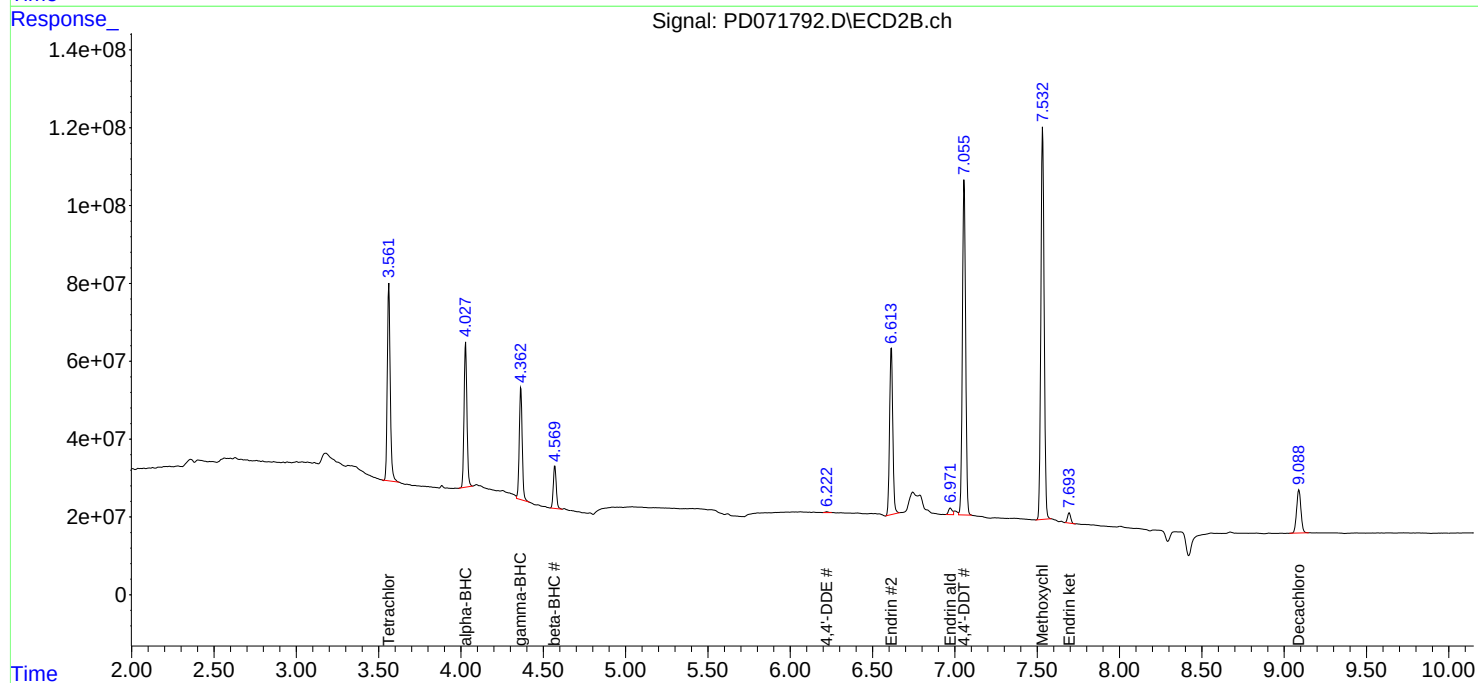
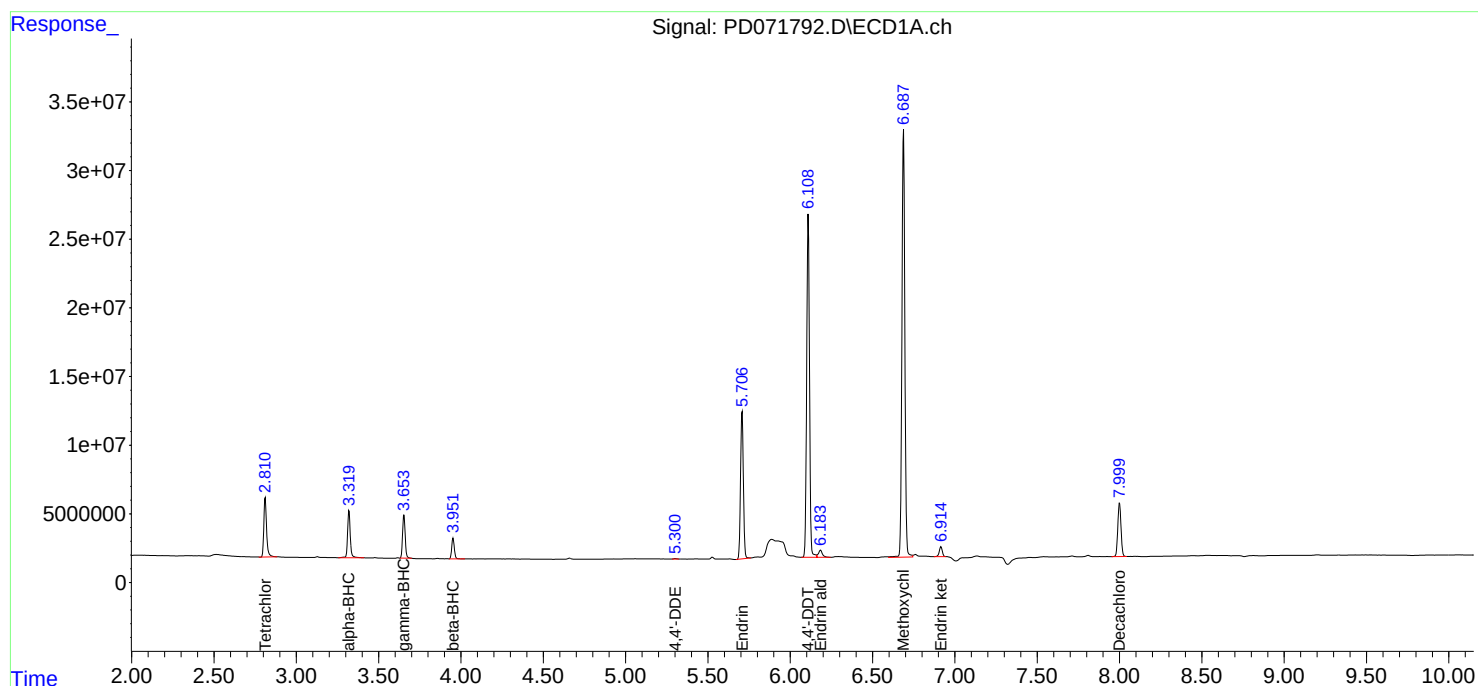
Instrument :
ECD_D
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PEM

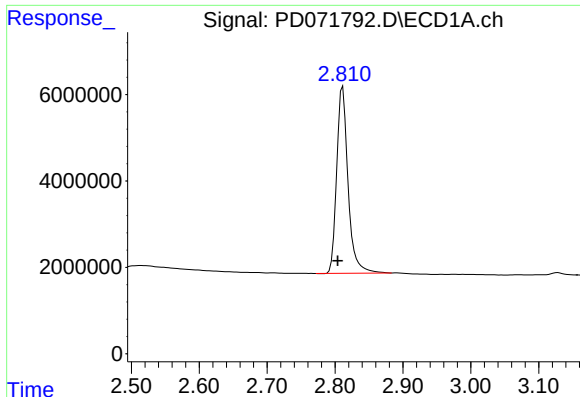
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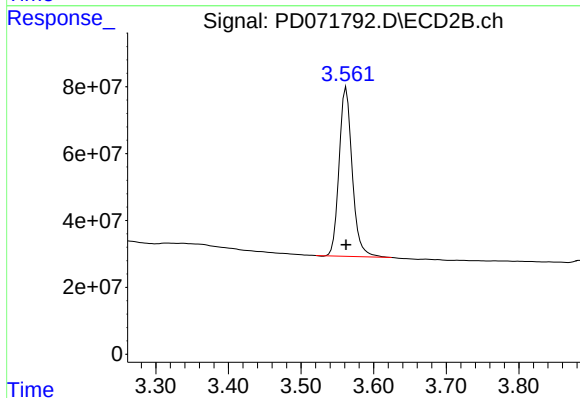
#1 Tetrachloro-m-xylene

R.T.: 2.811 min
Delta R.T.: 0.007 min
Response: 50311658
Conc: 20.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

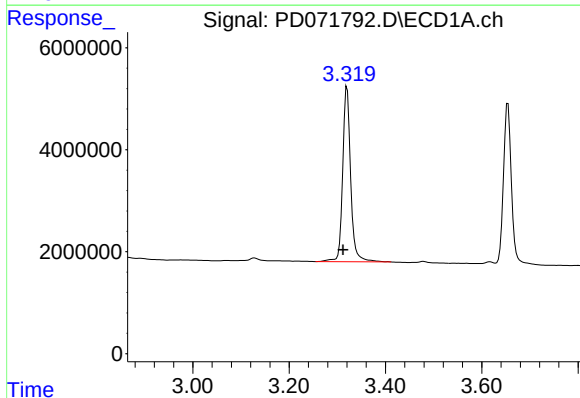
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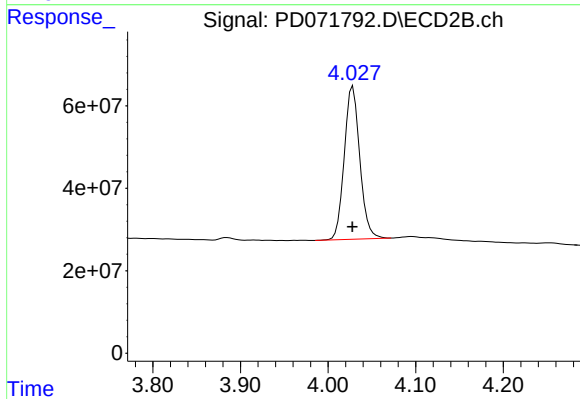
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 632376014
Conc: 22.04 ng/ml



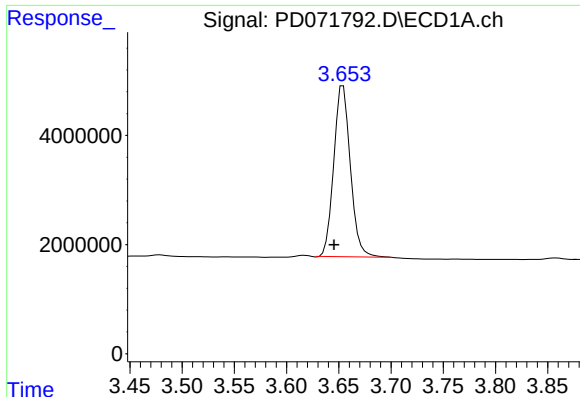
#2 alpha-BHC

R.T.: 3.320 min
Delta R.T.: 0.008 min
Response: 39518938
Conc: 10.25 ng/ml



#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 456747997
Conc: 11.38 ng/ml



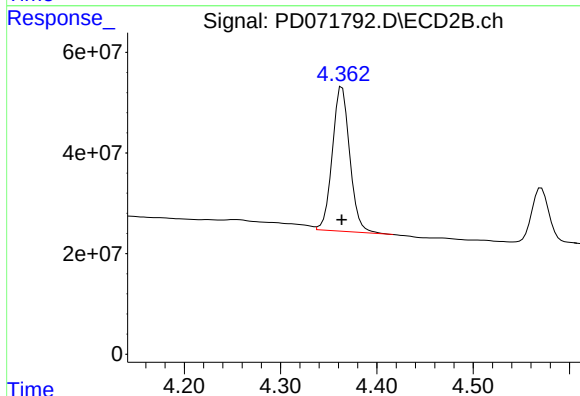
#3 gamma-BHC (Lindane)

R.T.: 3.653 min
Delta R.T.: 0.007 min
Response: 34632097
Conc: 9.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

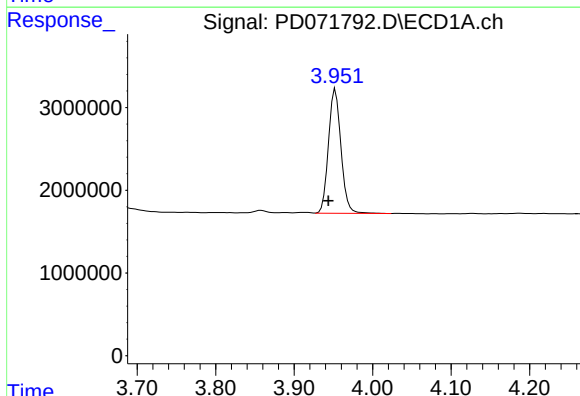
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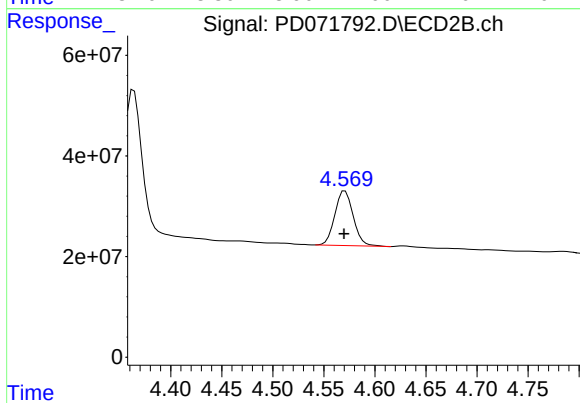
#3 gamma-BHC (Lindane)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 358947237
Conc: 10.93 ng/ml



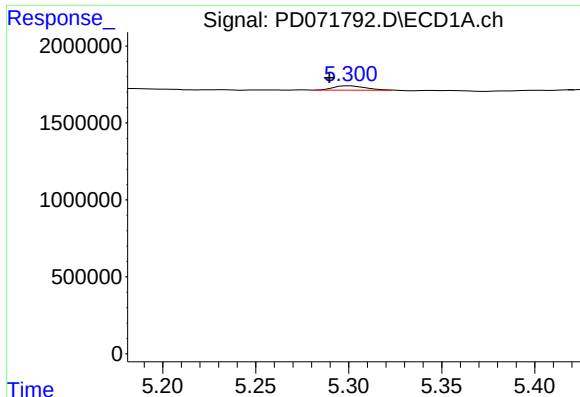
#6 beta-BHC

R.T.: 3.953 min
Delta R.T.: 0.009 min
Response: 16628157
Conc: 10.98 ng/ml



#6 beta-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 136892679
Conc: 10.36 ng/ml



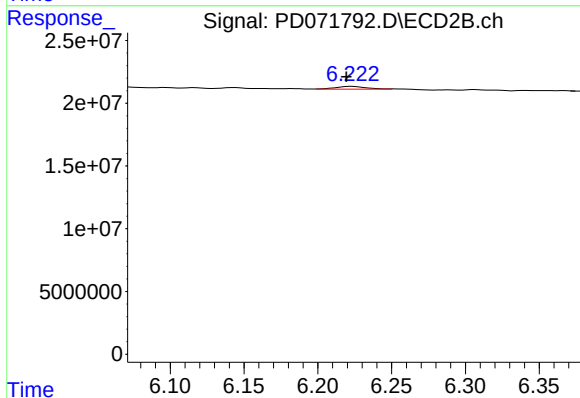
#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: 0.010 min
Response: 337750
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

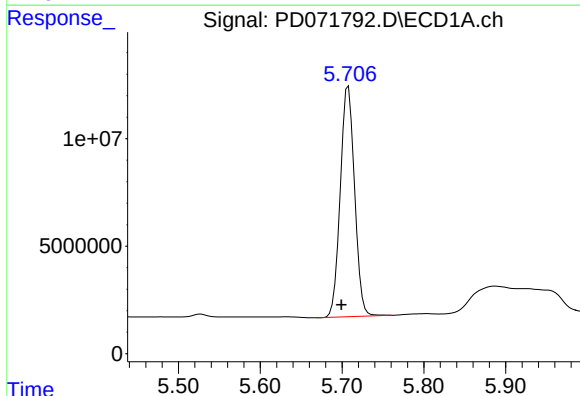
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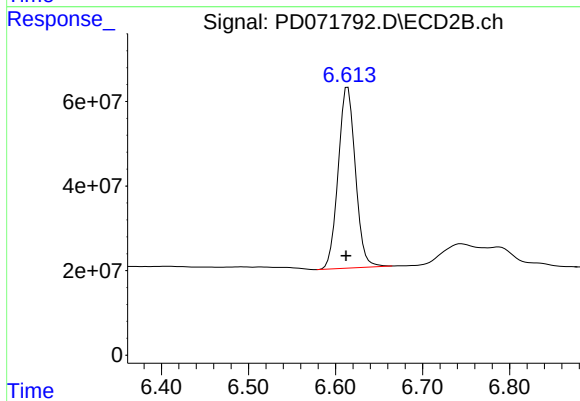
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: 0.002 min
Response: 3152634
Conc: 0.21 ng/ml m



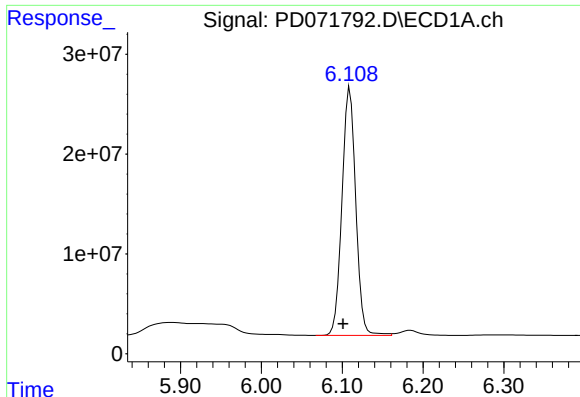
#14 Endrin

R.T.: 5.708 min
Delta R.T.: 0.008 min
Response: 129707450
Conc: 43.78 ng/ml



#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.002 min
Response: 586665979
Conc: 46.45 ng/ml



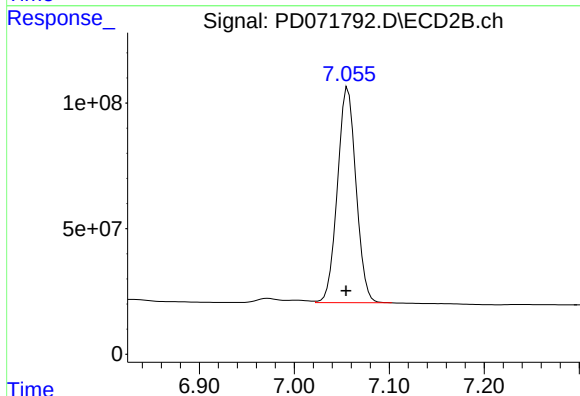
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: 0.008 min
Response: 293936212
Conc: 111.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

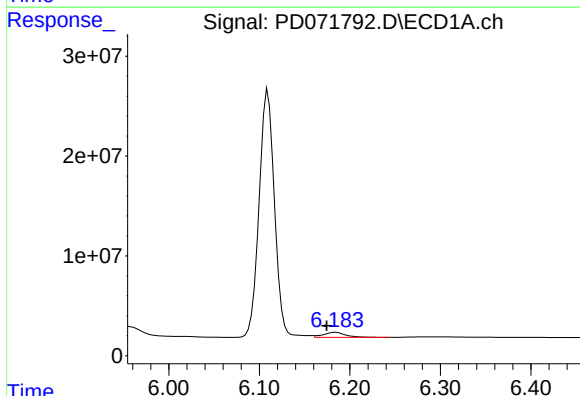
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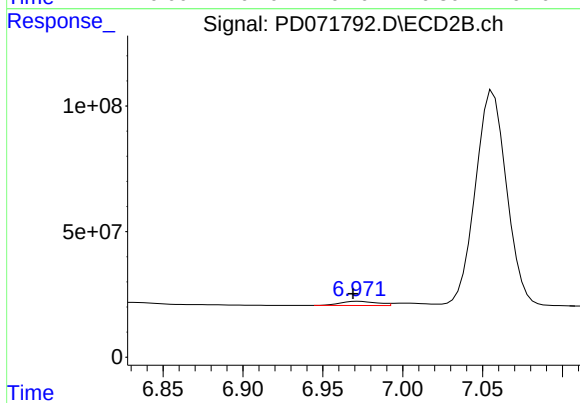
#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 1169249264
Conc: 94.65 ng/ml



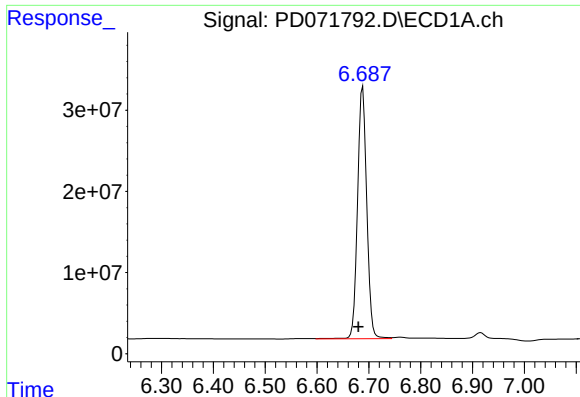
#18 Endrin aldehyde

R.T.: 6.184 min
Delta R.T.: 0.010 min
Response: 8945715
Conc: 4.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.972 min
Delta R.T.: 0.003 min
Response: 26609872
Conc: 2.76 ng/ml



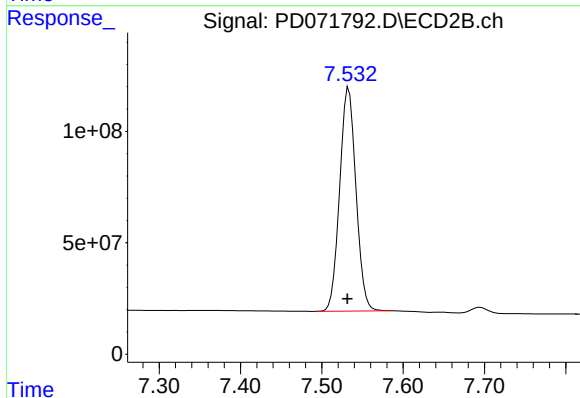
#20 Methoxychlor

R.T.: 6.688 min
Delta R.T.: 0.008 min
Response: 384405375
Conc: 256.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

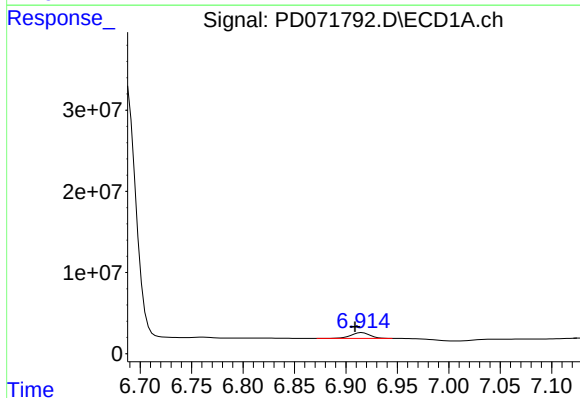
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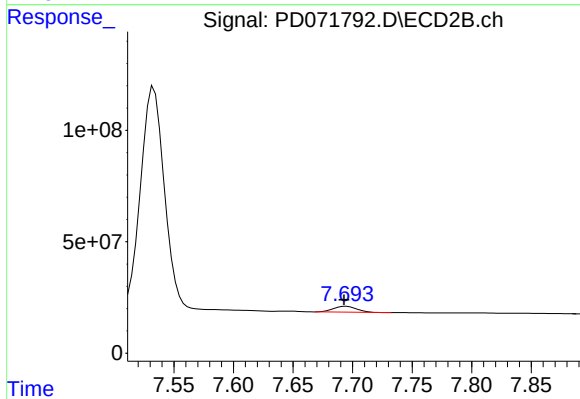
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.002 min
Response: 1394351479
Conc: 229.37 ng/ml



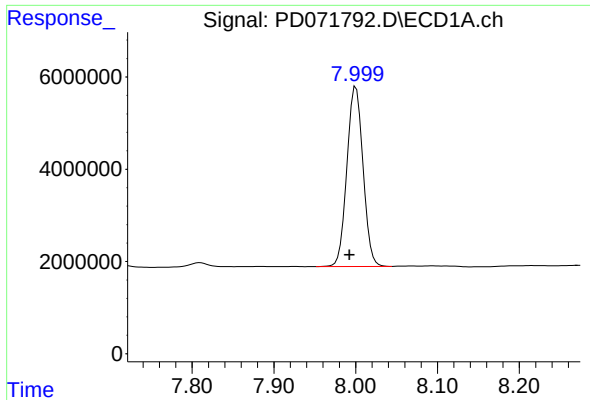
#21 Endrin ketone

R.T.: 6.916 min
Delta R.T.: 0.007 min
Response: 9191842
Conc: 3.06 ng/ml



#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: 0.002 min
Response: 36152449
Conc: 2.91 ng/ml



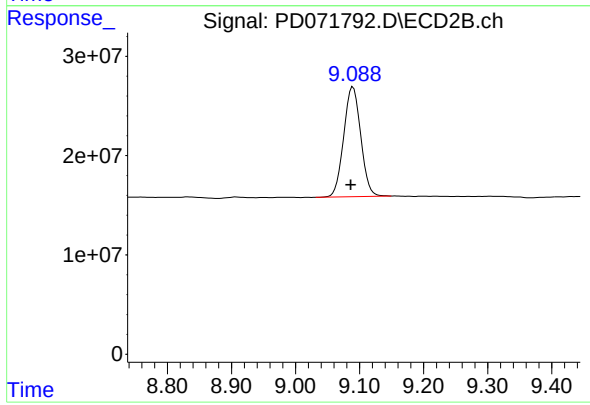
#28 Decachlorobiphenyl

R.T.: 8.000 min
Delta R.T.: 0.008 min
Response: 53152948
Conc: 21.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.004 min
Response: 204574084
Conc: 22.00 ng/ml