

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030123\
 Data File : PD074056.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 18:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/01/2023
 Supervised By : Ankita Jodhani 03/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 01:42:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 01:35:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.553	2.774	45197999	24278780	19.728	20.498
28)	SA Decachlor...	9.099	7.929	53839687	24639453	20.199	20.124
Target Compounds							
2)	A alpha-BHC	4.009	3.278	34888594	17331275	9.113	9.685
3)	MA gamma-BHC...	4.342	3.608	33228856	16009544	9.458	9.652
6)	B beta-BHC	4.536	3.904	15569669	8202246	10.360	11.156
12)	B 4,4'-DDE	6.211	5.243	445190	396579	0.157m	0.286 #
14)	MA Endrin	6.599	5.647	119.3E6	61373718	45.480	46.977
16)	A 4,4'-DDD	6.731	5.797	1416138	896499	0.604m	0.777 #
17)	MA 4,4'-DDT	7.046	6.047	261.9E6	121.8E6	96.048	101.695
18)	B Endrin al...	6.947	6.122	2816167	3022790	1.358	2.971 #
20)	A Methoxychlor	7.522	6.623	353.4E6	151.2E6	237.954	231.112
21)	B Endrin ke...	7.669	6.849	6341129	3325579	2.163	2.288

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

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Operator : AR\AJ
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ALS Vial : 3 Sample Multiplier: 1

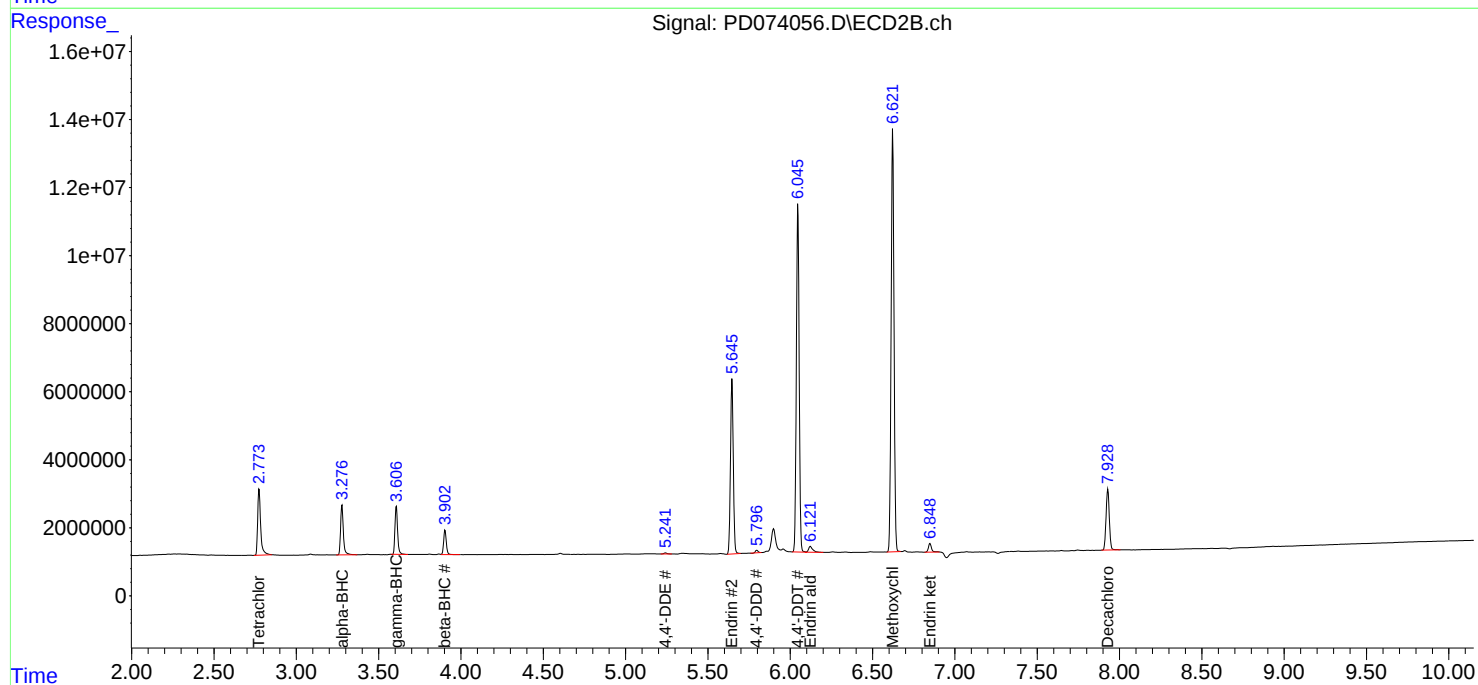
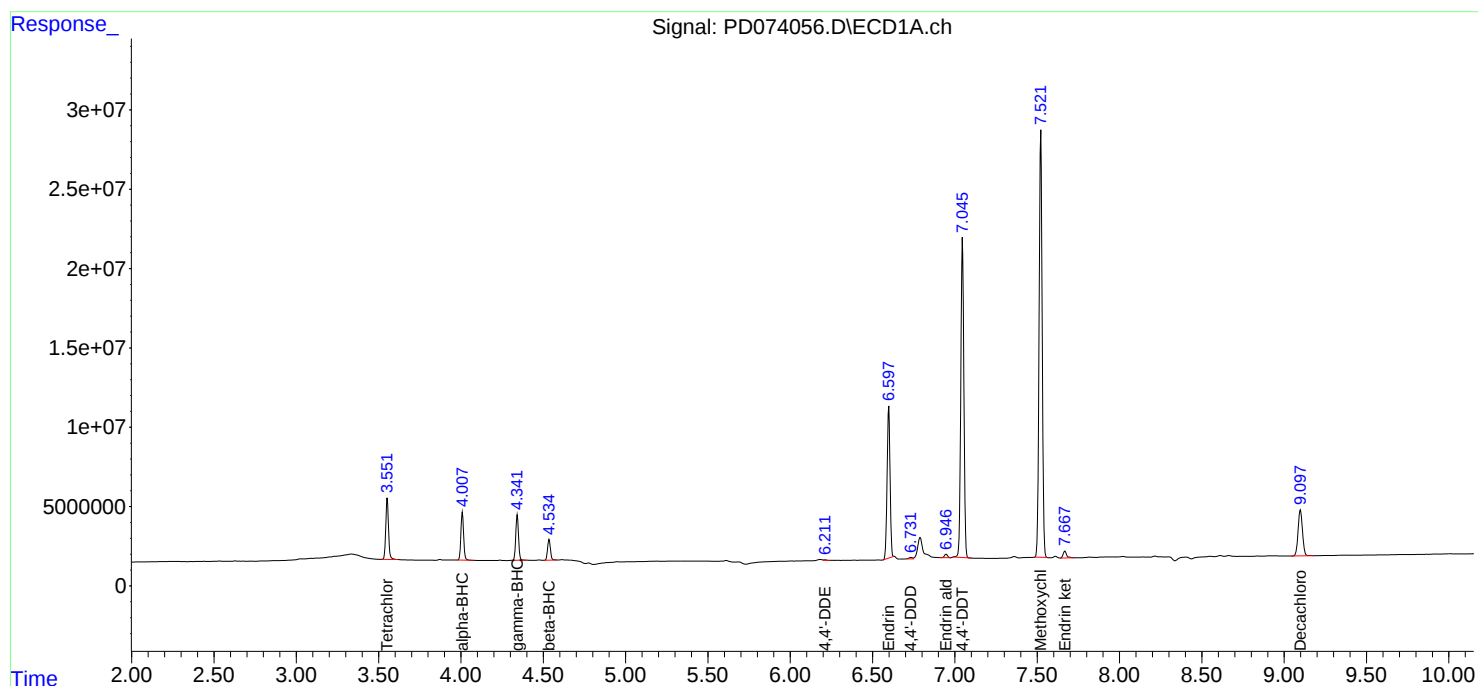
Instrument :
ECD_D
ClientSampleId :
PEM

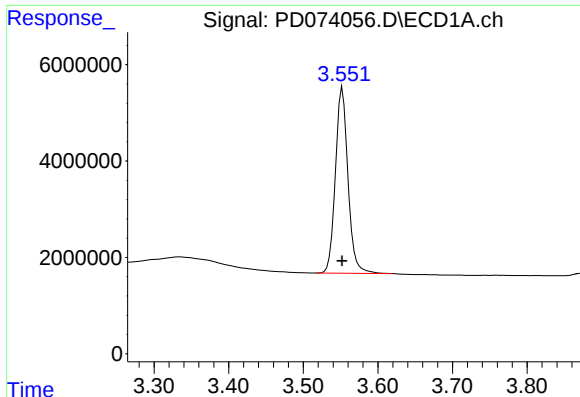
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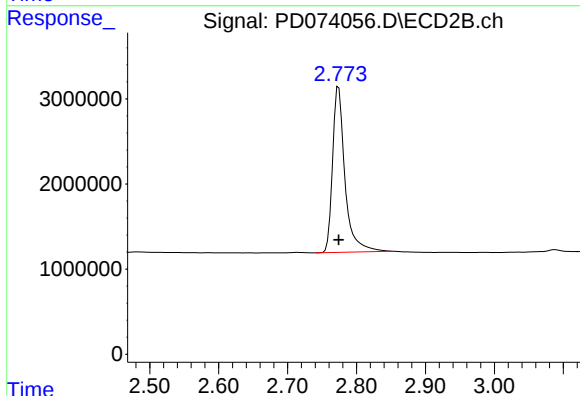
#1 Tetrachloro-m-xylene

R.T.: 3.553 min
Delta R.T.: 0.000 min
Response: 45197999
Conc: 19.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

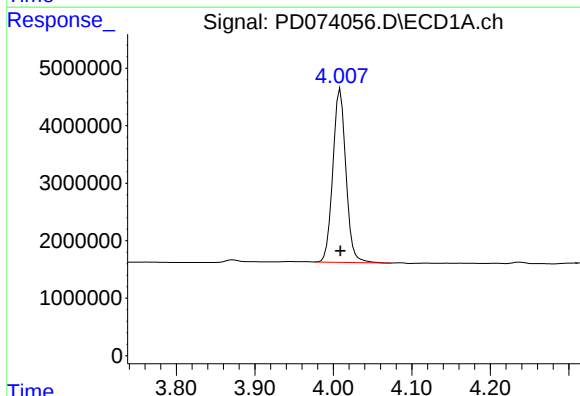
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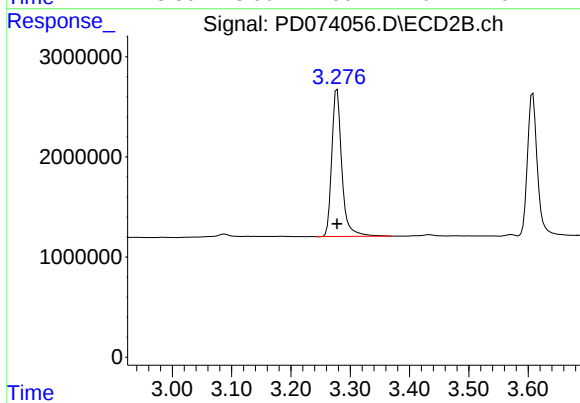
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 24278780
Conc: 20.50 ng/ml



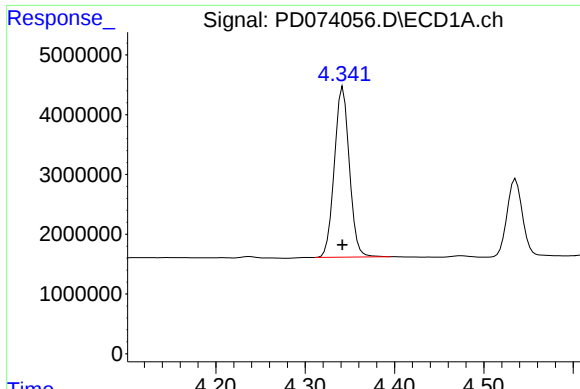
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 34888594
Conc: 9.11 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 17331275
Conc: 9.69 ng/ml



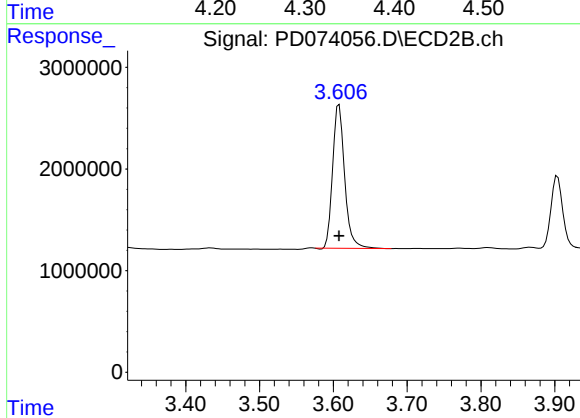
#3 gamma-BHC (Lindane)

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 33228856
Conc: 9.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

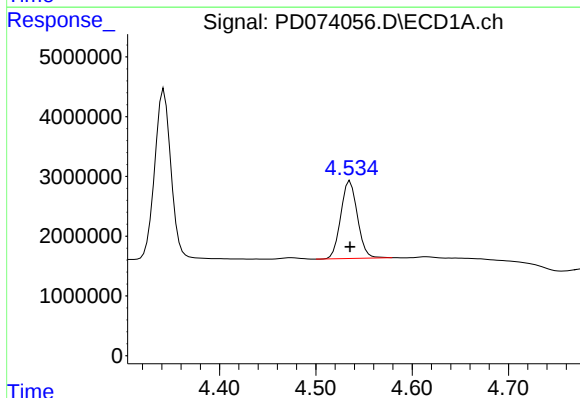
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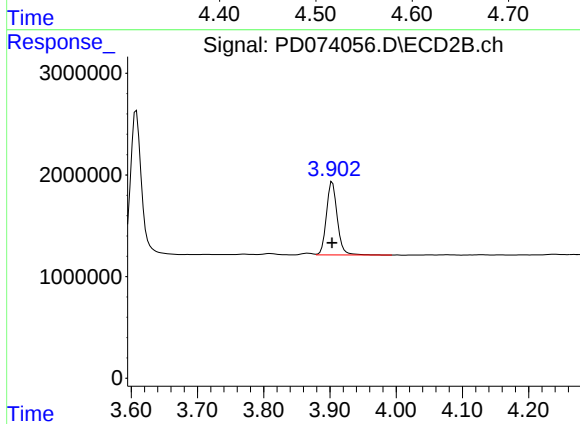
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.000 min
Response: 16009544
Conc: 9.65 ng/ml



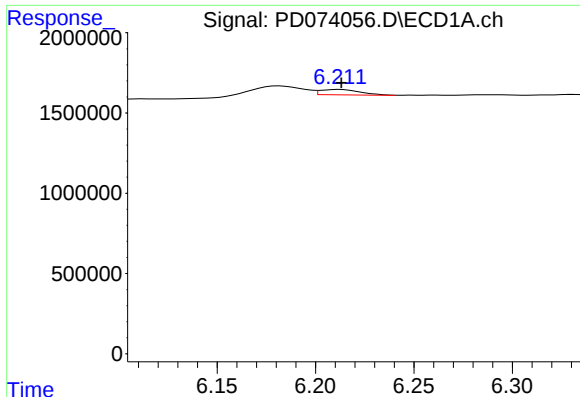
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 15569669
Conc: 10.36 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 8202246
Conc: 11.16 ng/ml



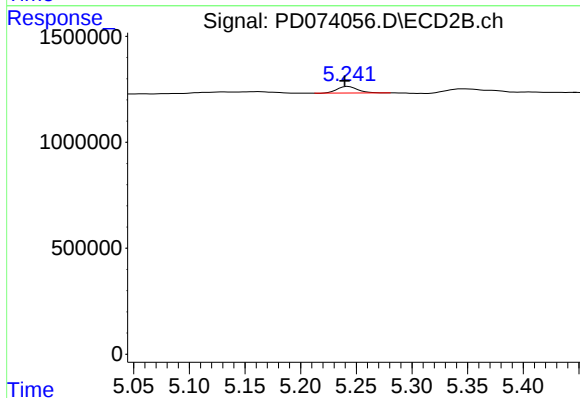
#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 445190
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

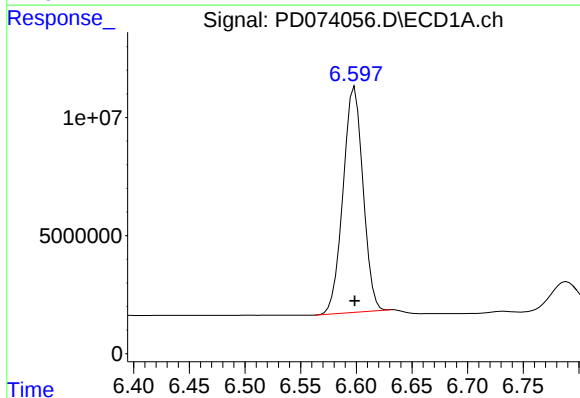
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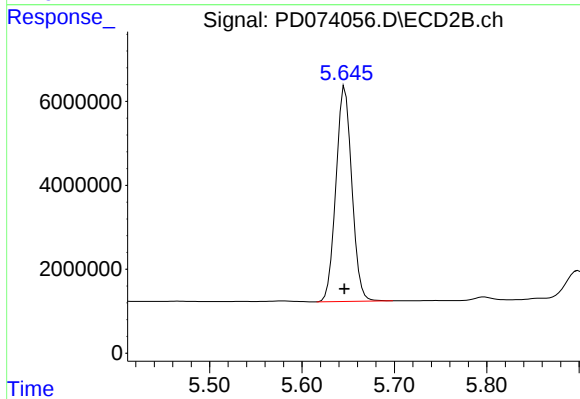
#12 4,4'-DDE

R.T.: 5.243 min
Delta R.T.: 0.003 min
Response: 396579
Conc: 0.29 ng/ml



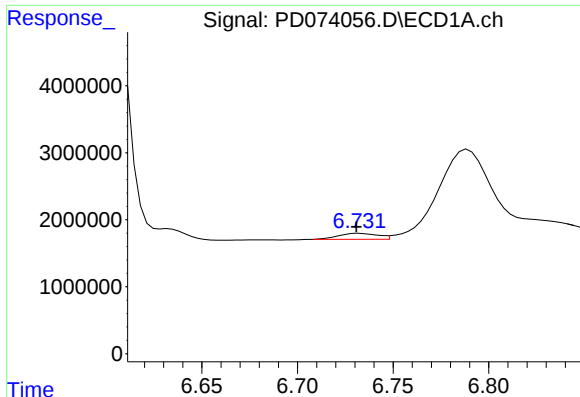
#14 Endrin

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 119304007
Conc: 45.48 ng/ml



#14 Endrin

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 61373718
Conc: 46.98 ng/ml



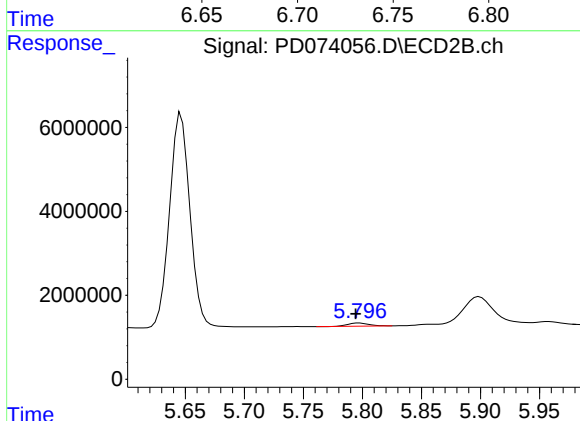
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 1416138
Conc: 0.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

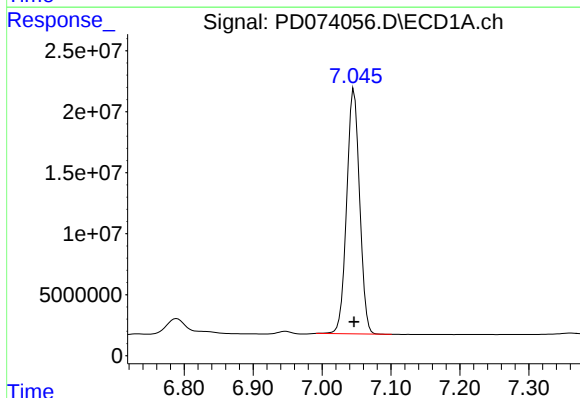
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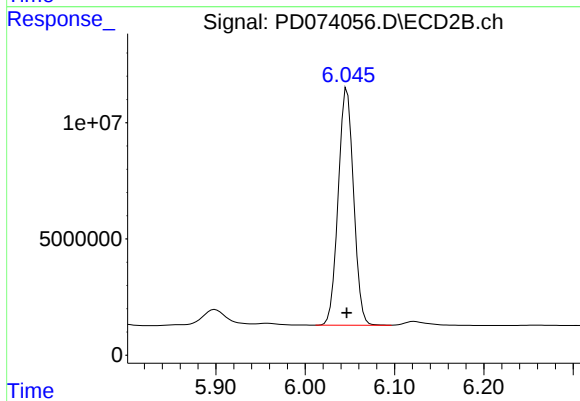
#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: 0.003 min
Response: 896499
Conc: 0.78 ng/ml



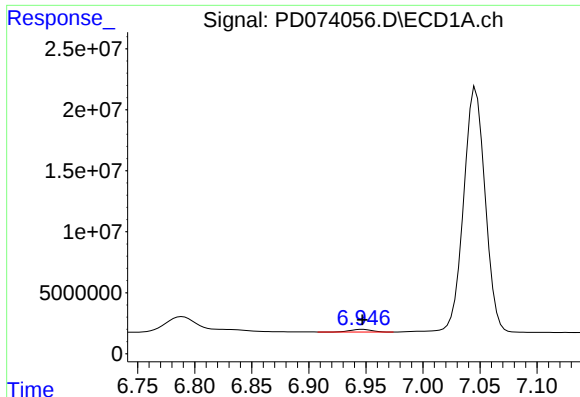
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 261927596
Conc: 96.05 ng/ml



#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 121804593
Conc: 101.69 ng/ml



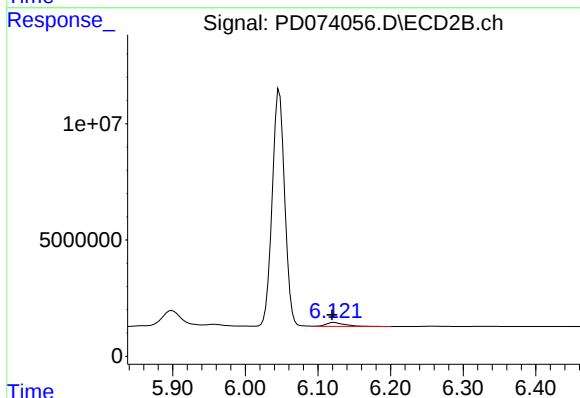
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 2816167
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

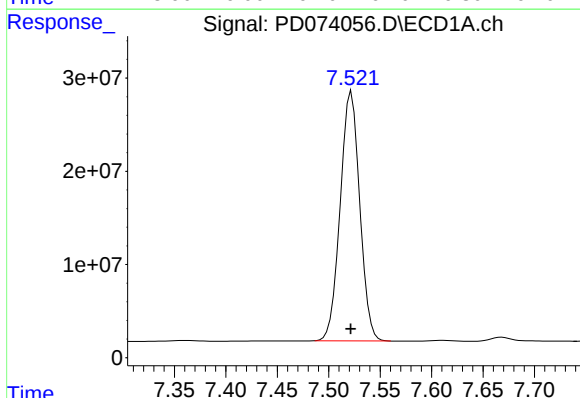
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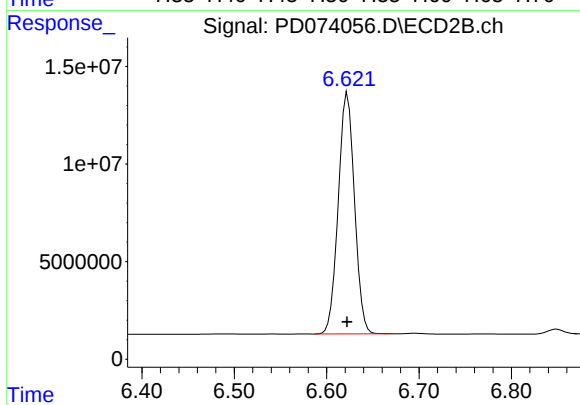
#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: 0.003 min
Response: 3022790
Conc: 2.97 ng/ml



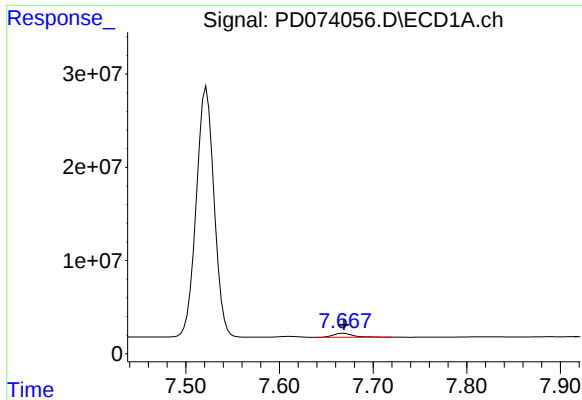
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 353396105
Conc: 237.95 ng/ml



#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 151173119
Conc: 231.11 ng/ml



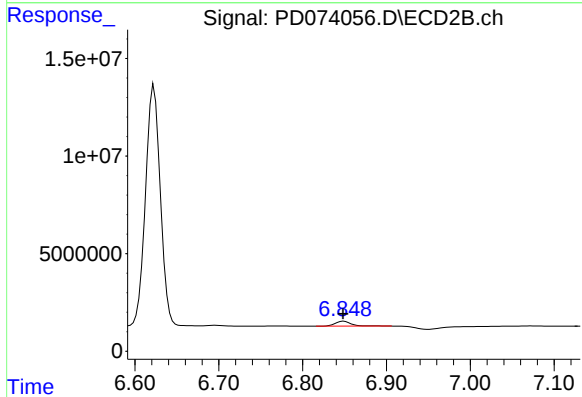
#21 Endrin ketone

R.T.: 7.669 min
Delta R.T.: 0.000 min
Response: 6341129
Conc: 2.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

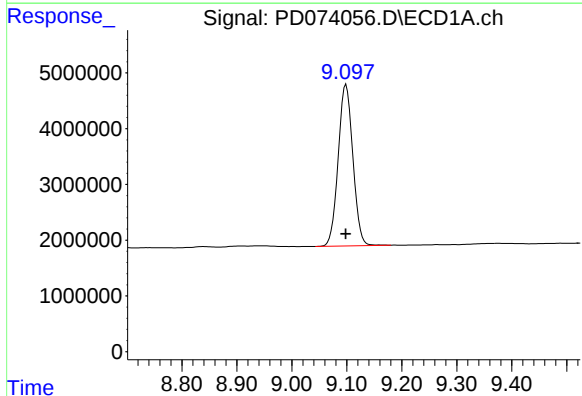
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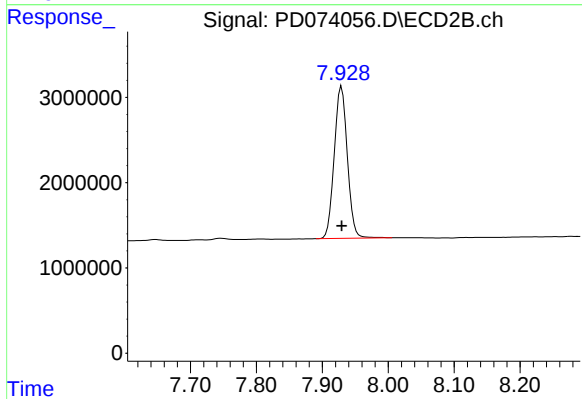
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 3325579
Conc: 2.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.099 min
Delta R.T.: 0.000 min
Response: 53839687
Conc: 20.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 24639453
Conc: 20.12 ng/ml