

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031523\
 Data File : PD074225.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 09:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/16/2023
 Supervised By : Ankita Jodhani 03/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 17:42:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 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 x0.5 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...	3.551	2.771	47378271	24681818	20.311	20.281
28)	SA Decachlor...	9.099	7.927	53273462	25784130	19.918	21.015
Target Compounds							
2)	A alpha-BHC	4.008	3.275	37006025	17811897	9.536	9.585
3)	MA gamma-BHC...	4.341	3.605	35485874	16639732	10.115	9.713
6)	B beta-BHC	4.536	3.901	16920851	8461640	11.449	11.206
12)	B 4,4'-DDE	6.213	5.238	495250	533070	0.180m	0.378m#
14)	MA Endrin	6.599	5.643	116.8E6	64459004	47.005	49.320
16)	A 4,4'-DDD	6.731	5.793	2677345	2043049	1.194	1.750 #
17)	MA 4,4'-DDT	7.047	6.043	251.9E6	130.3E6	98.839	106.066
18)	B Endrin al...	6.946	6.116	3927950	2604505	1.965m	2.565m#
20)	A Methoxychlor	7.523	6.620	339.5E6	160.9E6	242.659	237.825
21)	B Endrin ke...	7.669	6.846	8044412	4393654	2.890	2.979

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

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Acq On : 15 Mar 2023 09:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

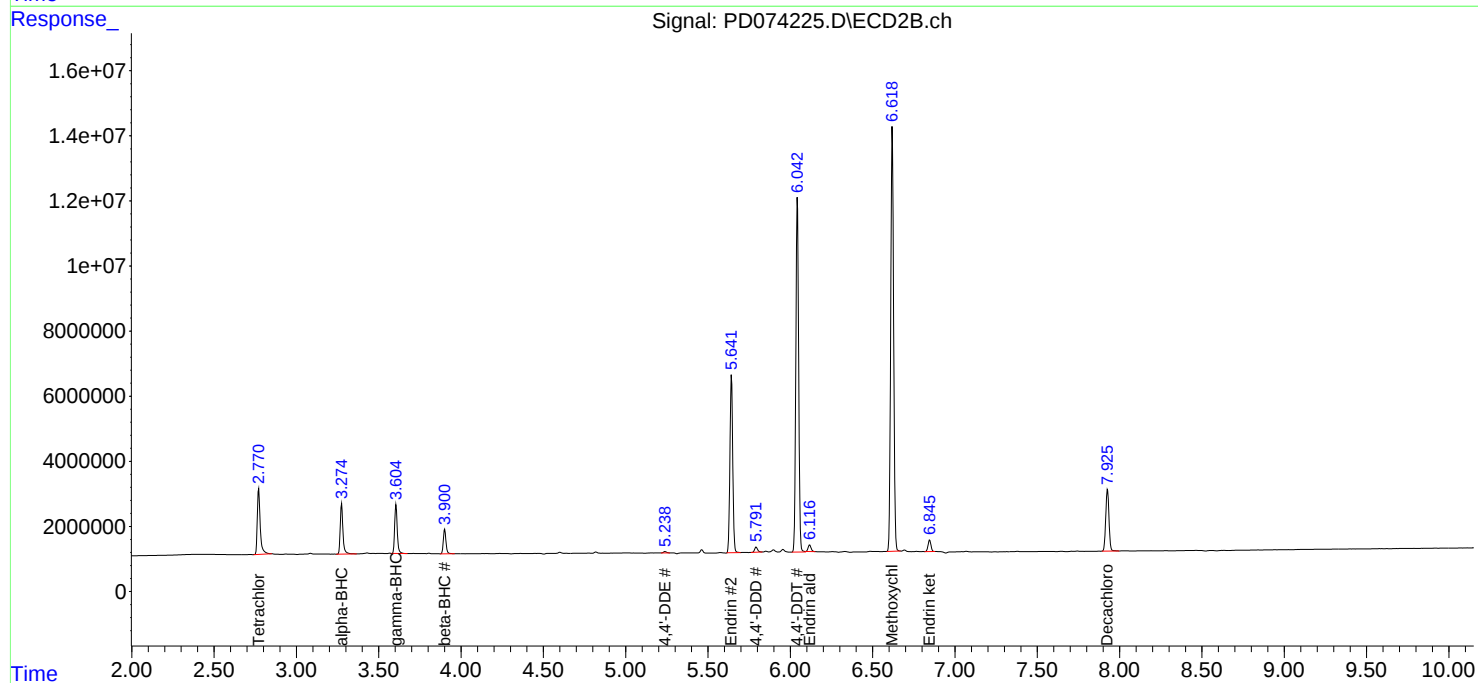
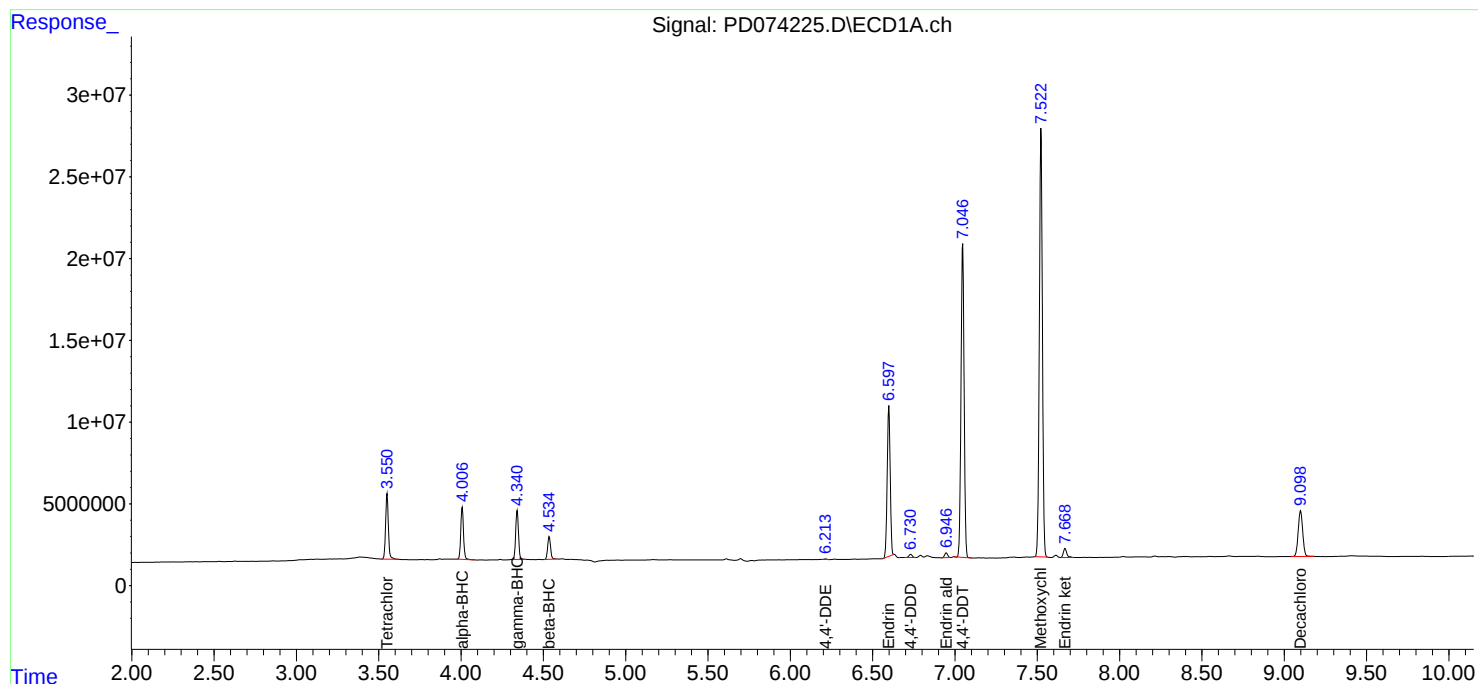
Instrument :
ECD_D
ClientSampleId :
PEM

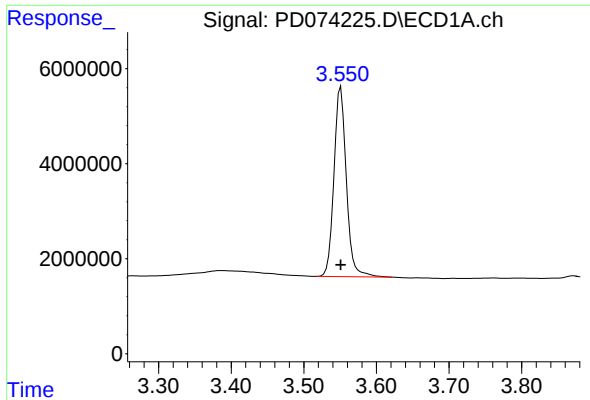
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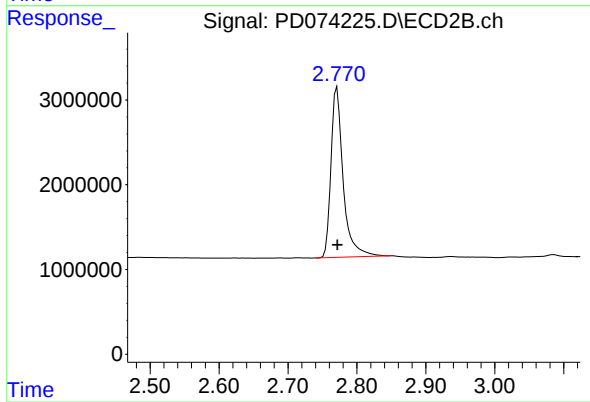
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 47378271
Conc: 20.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

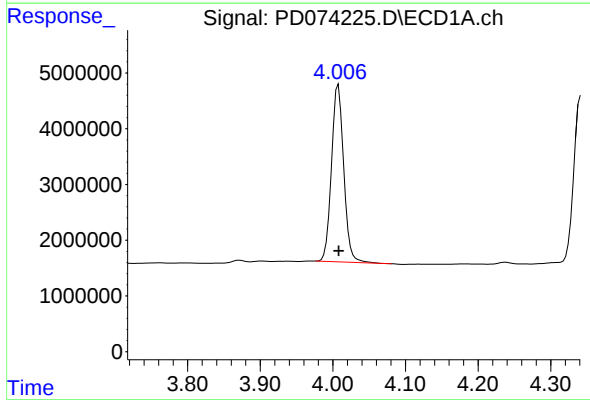
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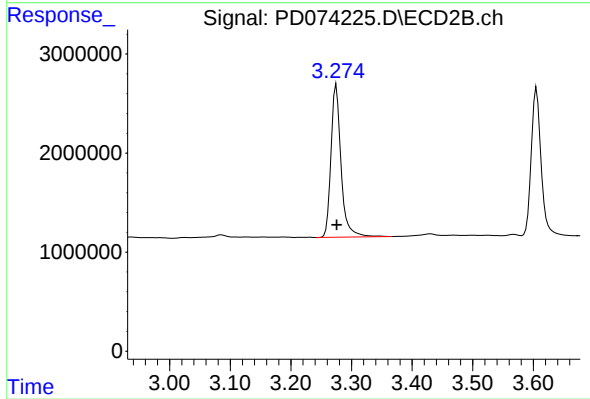
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 24681818
Conc: 20.28 ng/ml



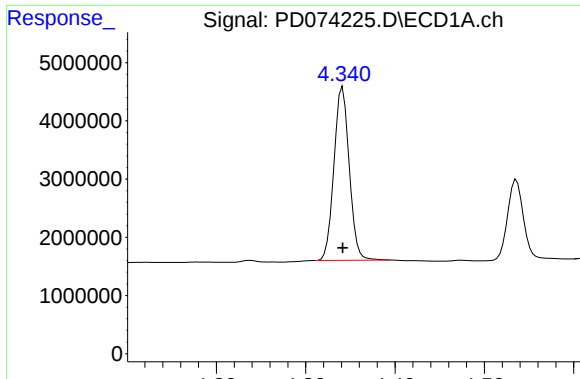
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 37006025
Conc: 9.54 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 17811897
Conc: 9.58 ng/ml



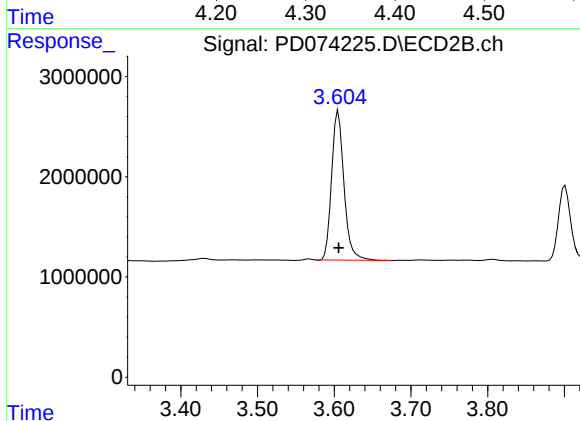
#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 35485874
Conc: 10.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

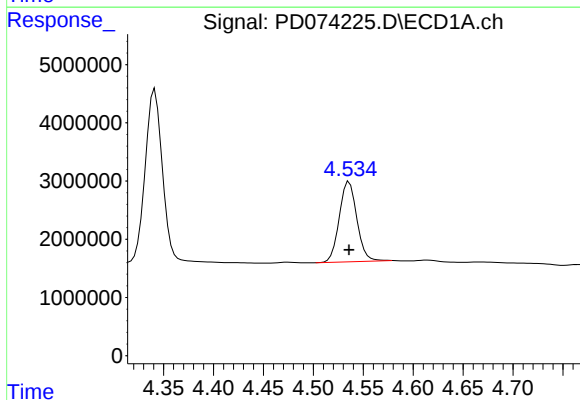
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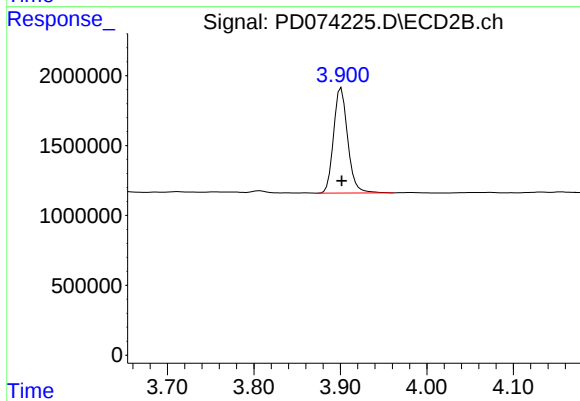
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 16639732
Conc: 9.71 ng/ml



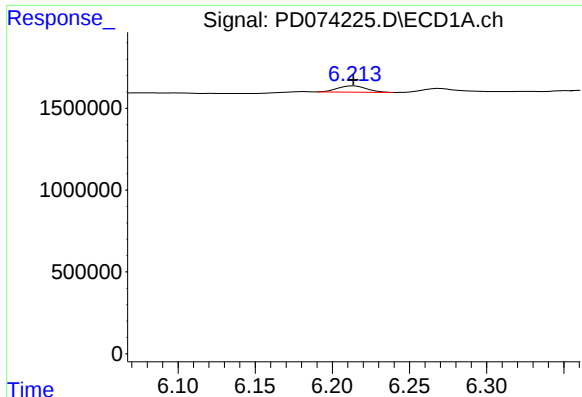
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 16920851
Conc: 11.45 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 8461640
Conc: 11.21 ng/ml



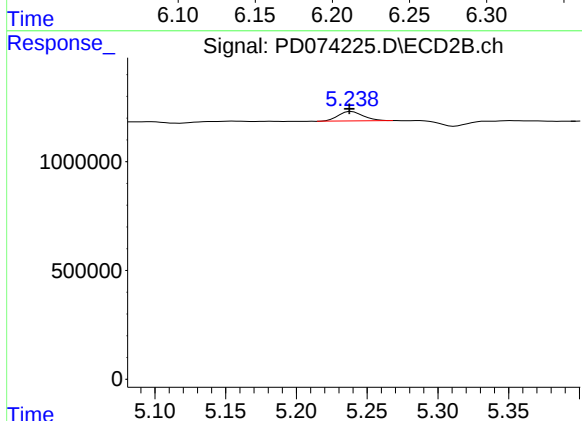
#12 4,4'-DDE

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 495250
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

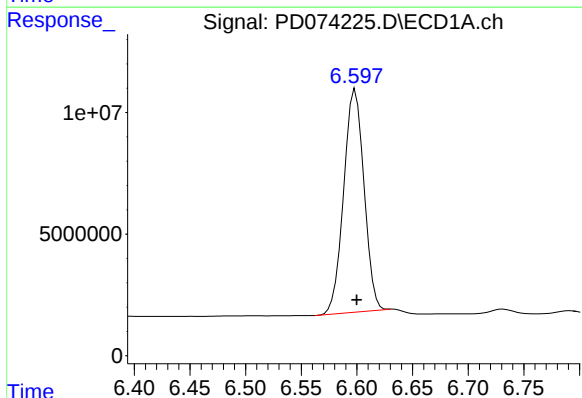
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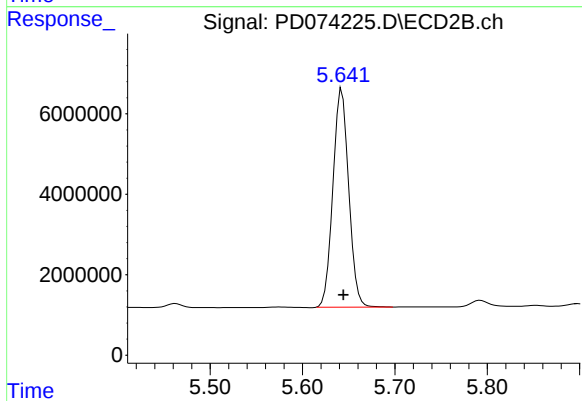
#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 533070
Conc: 0.38 ng/ml m



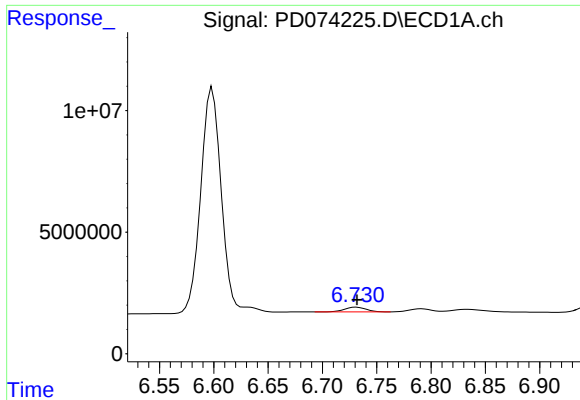
#14 Endrin

R.T.: 6.599 min
Delta R.T.: -0.001 min
Response: 116811870
Conc: 47.00 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: -0.002 min
Response: 64459004
Conc: 49.32 ng/ml



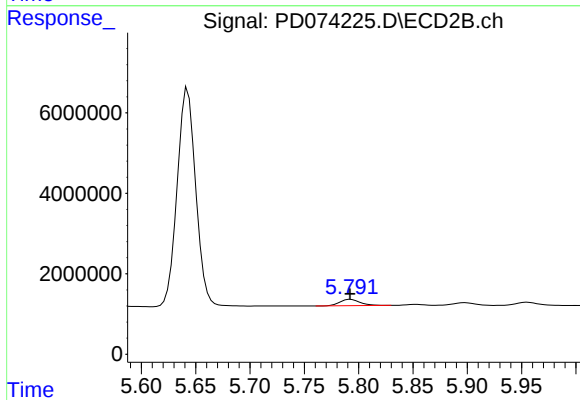
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 2677345
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

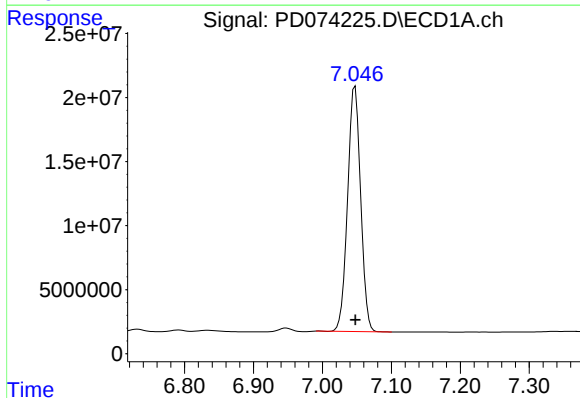
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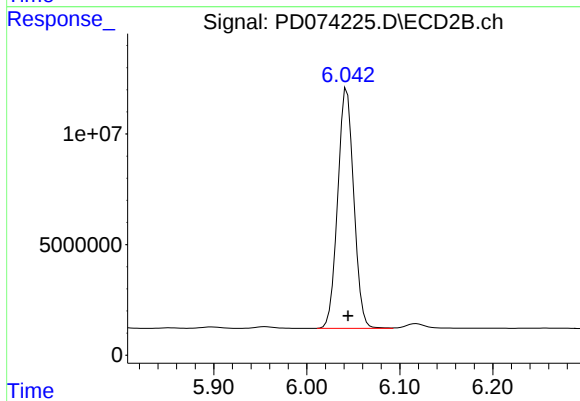
#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 2043049
Conc: 1.75 ng/ml



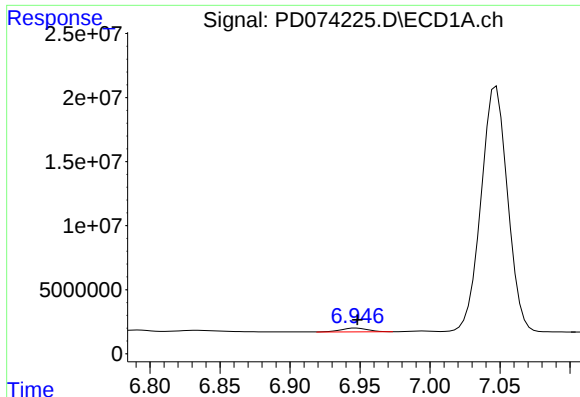
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 251946497
Conc: 98.84 ng/ml



#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.001 min
Response: 130250673
Conc: 106.07 ng/ml



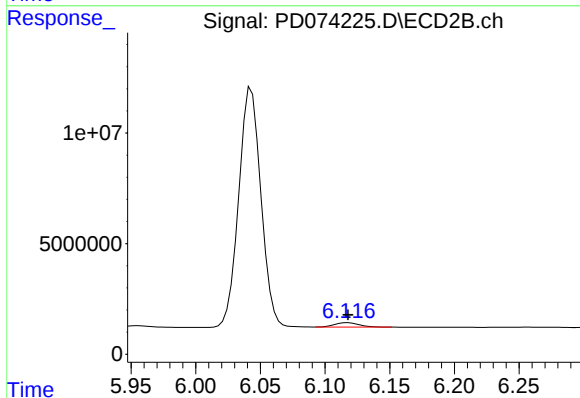
#18 Endrin aldehyde

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 3927950
Conc: 1.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

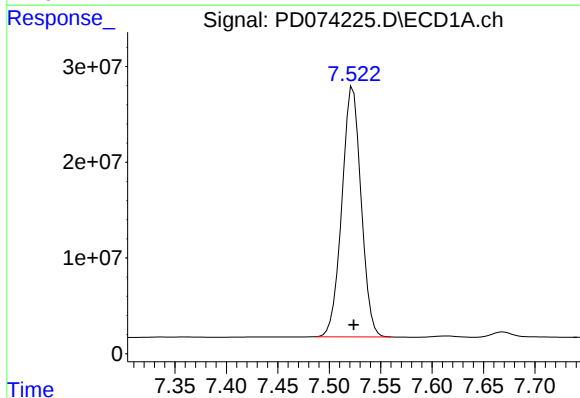
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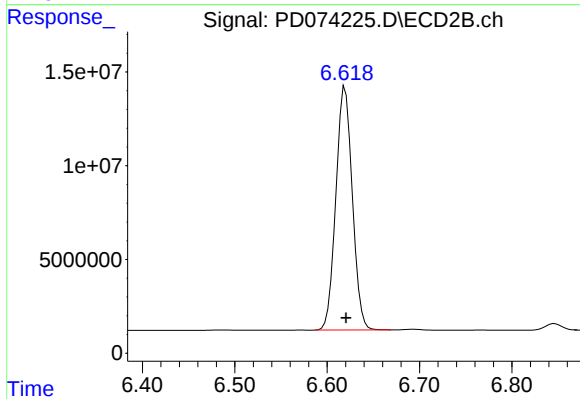
#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: -0.001 min
Response: 2604505
Conc: 2.56 ng/ml m



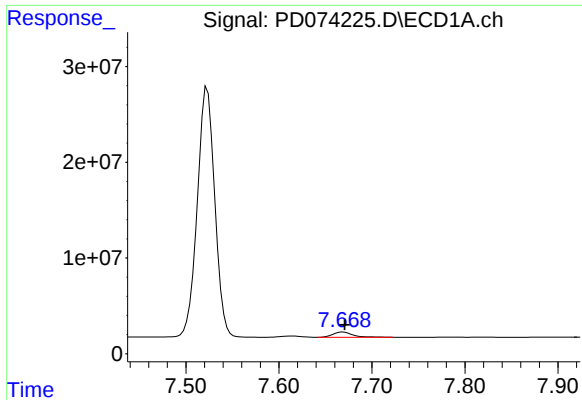
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: -0.001 min
Response: 339525398
Conc: 242.66 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 160919180
Conc: 237.83 ng/ml



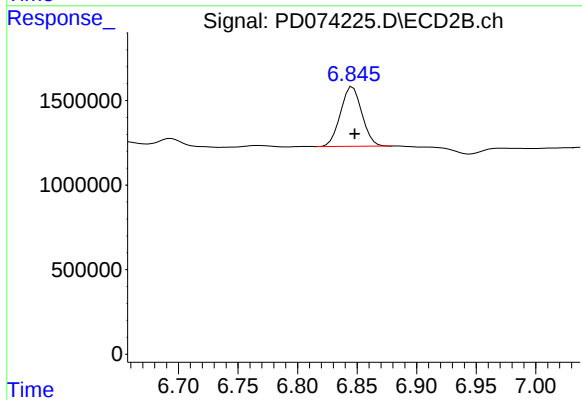
#21 Endrin ketone

R.T.: 7.669 min
Delta R.T.: -0.002 min
Response: 8044412
Conc: 2.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

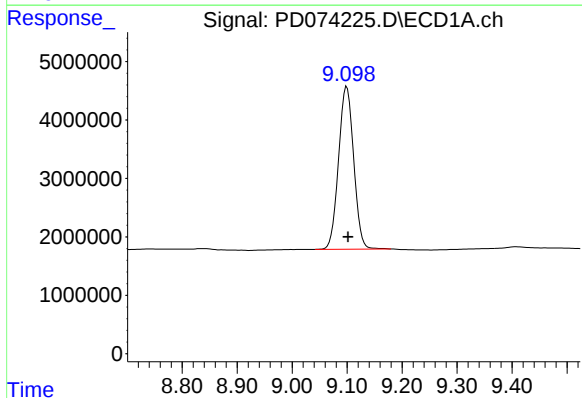
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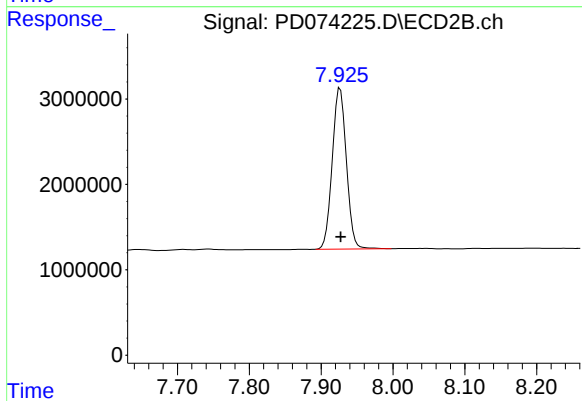
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.002 min
Response: 4393654
Conc: 2.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.099 min
Delta R.T.: -0.002 min
Response: 53273462
Conc: 19.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 25784130
Conc: 21.02 ng/ml