

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022023\
 Data File : PD073995.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2023 18:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/21/2023
 Supervised By : Ankita Jodhani 02/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 01:21:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022023.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 21 01:16:15 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...	3.553	2.775	45845500	24636704	18.316	19.014
28)	SA Decachlor...	9.103	7.932	57570260	26343595	19.822	19.495
Target Compounds							
2)	A alpha-BHC	4.009	3.278	35548422	17652087	8.313	8.906
3)	MA gamma-BHC...	4.343	3.609	34058526	16572603	8.701	9.059
6)	B beta-BHC	4.537	3.905	15851534	8182539	9.615	10.309
12)	B 4,4'-DDE	6.215	5.243	272633	458898	0.084	0.294 #
14)	MA Endrin	6.601	5.648	123.7E6	62237884	42.038	43.259
16)	A 4,4'-DDD	6.732	5.798	912276	996009	0.345m	0.766 #
17)	MA 4,4'-DDT	7.049	6.048	271.4E6	125.9E6	90.499	92.933
18)	B Endrin al...	6.949	6.123	3118938	2547223	1.360	2.328 #
20)	A Methoxychlor	7.524	6.624	363.8E6	152.0E6	221.596	212.784
21)	B Endrin ke...	7.671	6.851	6197289	3521782	1.933	2.187

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

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Acq On : 20 Feb 2023 18:10
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

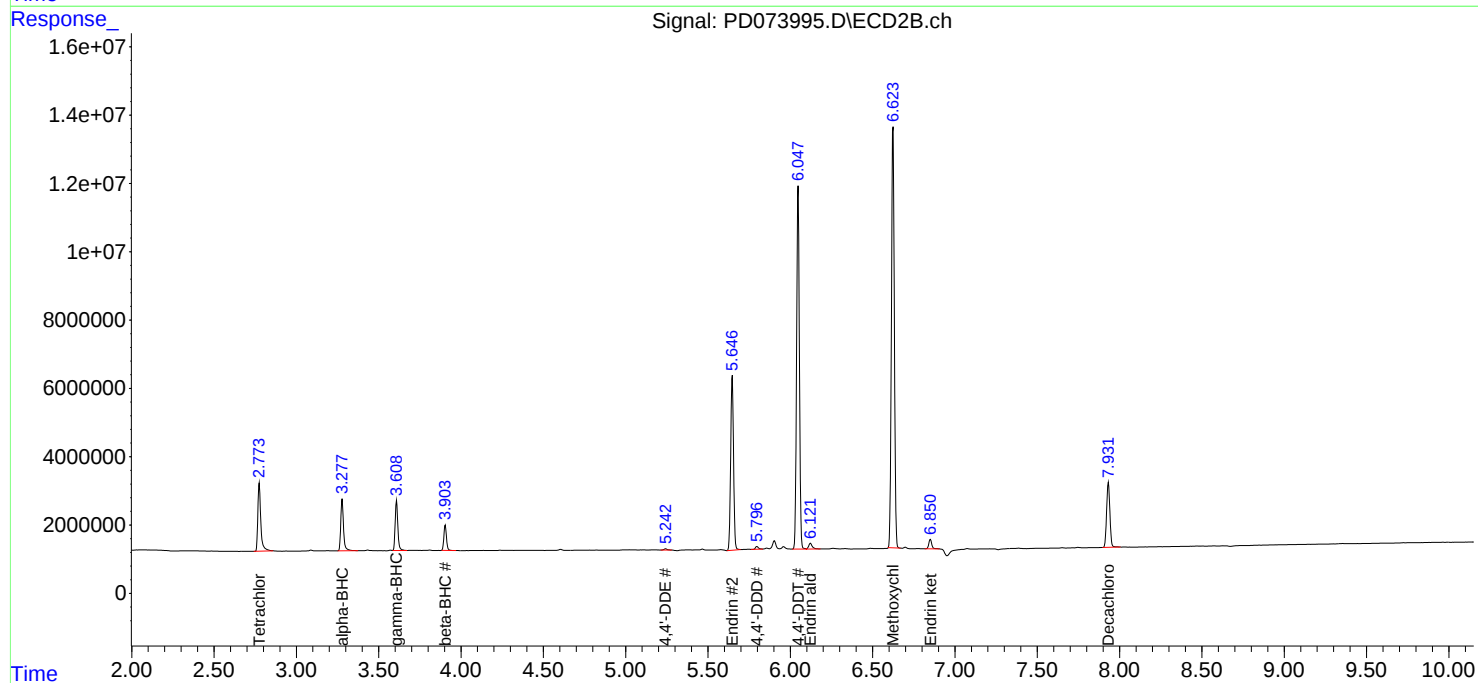
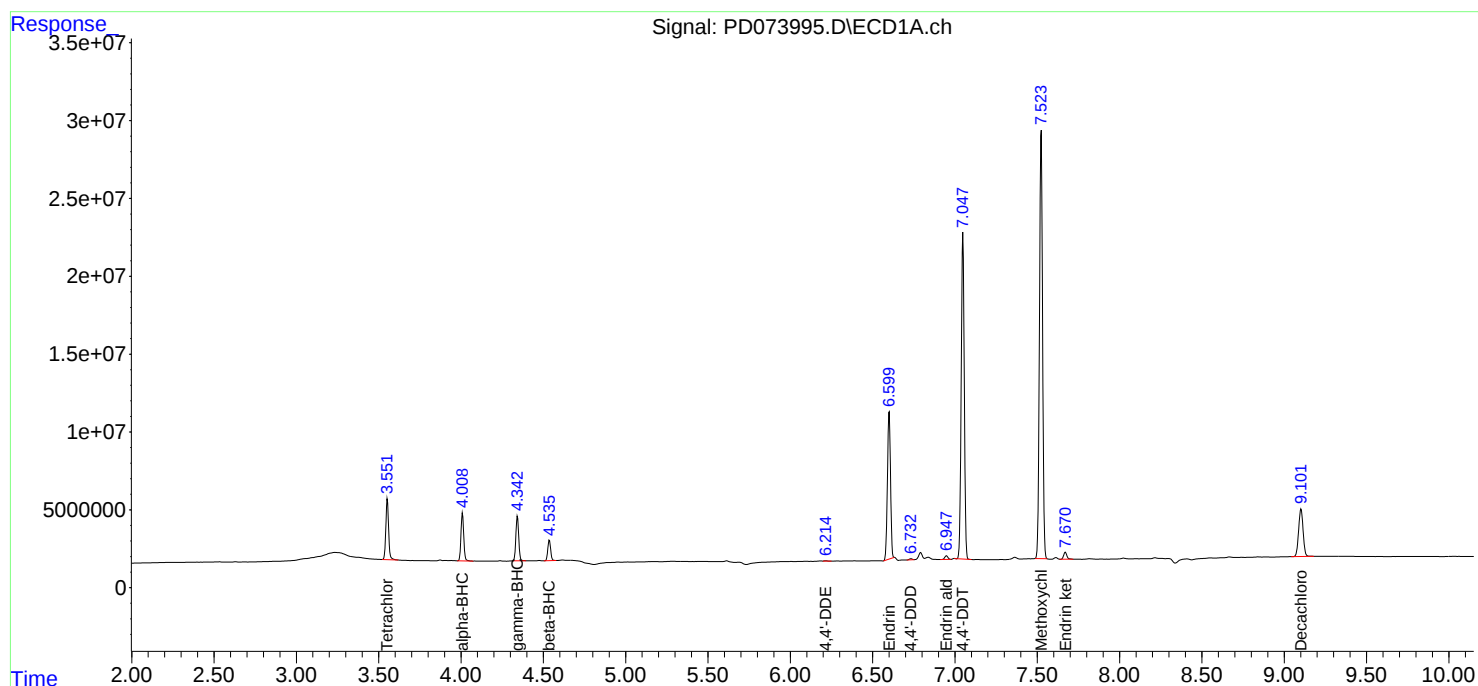
Instrument :
ECD_D
ClientSampleId :
PEM

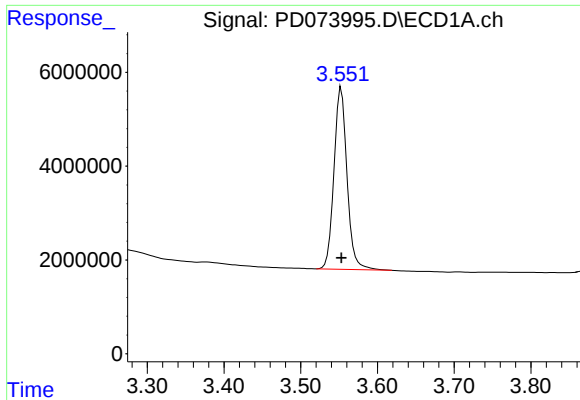
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Integration File signal 1: autoint1.e
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Volume Inj. : 2 µl
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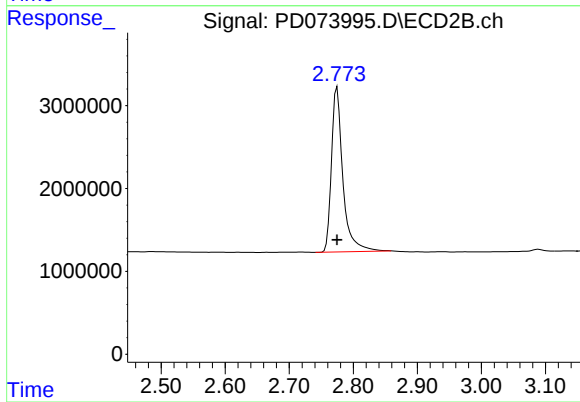
#1 Tetrachloro-m-xylene

R.T.: 3.553 min
Delta R.T.: 0.000 min
Response: 45845500
Conc: 18.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

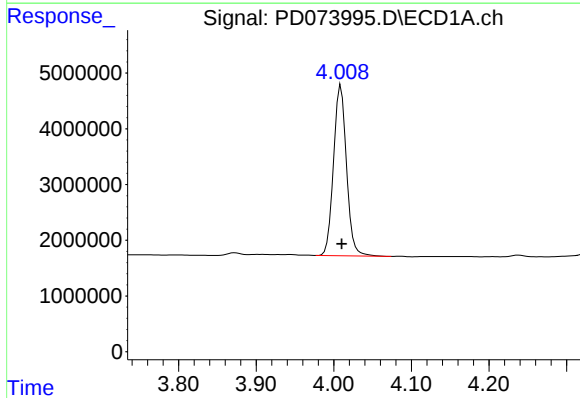
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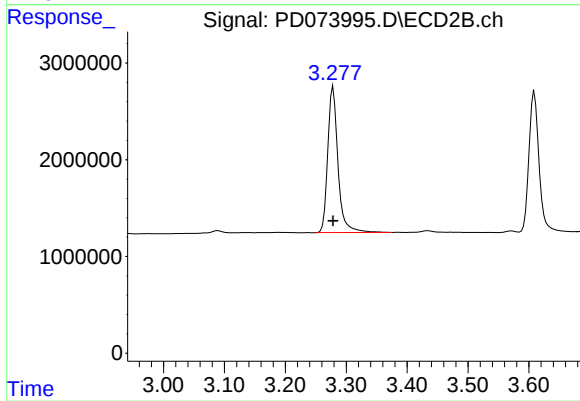
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 24636704
Conc: 19.01 ng/ml



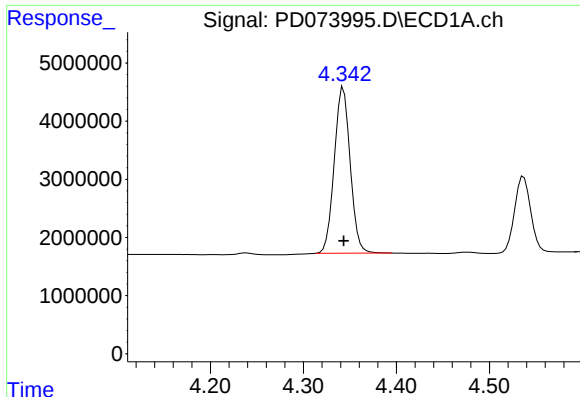
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: -0.001 min
Response: 35548422
Conc: 8.31 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 17652087
Conc: 8.91 ng/ml



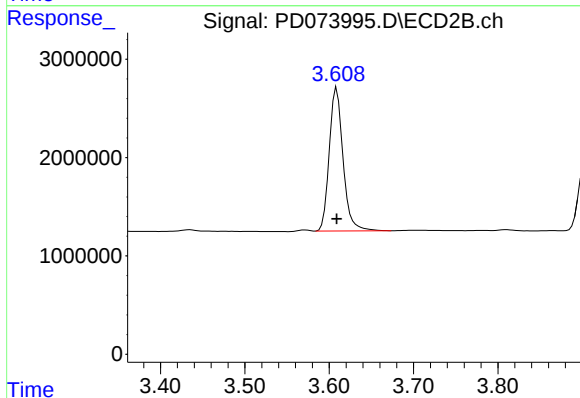
#3 gamma-BHC (Lindane)

R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 34058526
Conc: 8.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

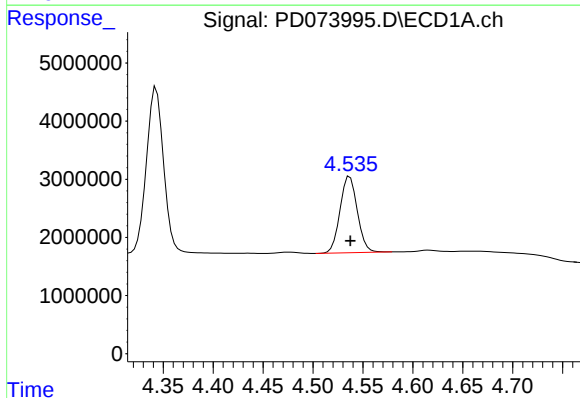
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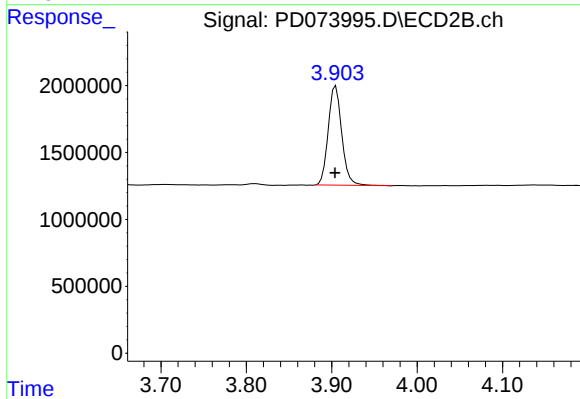
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.000 min
Response: 16572603
Conc: 9.06 ng/ml



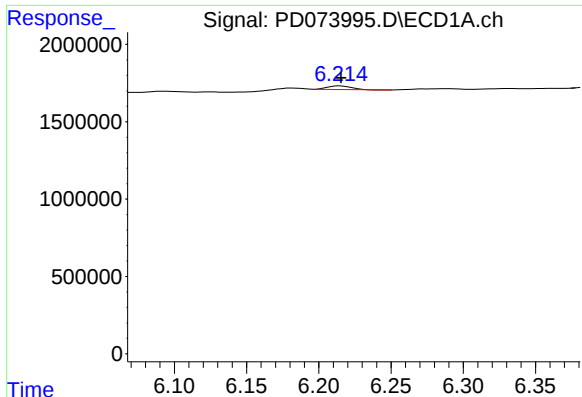
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 15851534
Conc: 9.62 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 8182539
Conc: 10.31 ng/ml



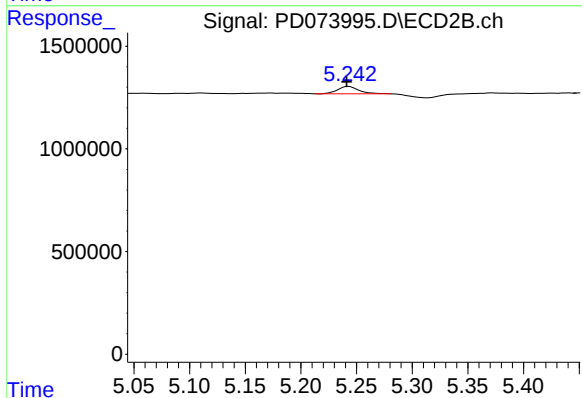
#12 4,4'-DDE

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 272633
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

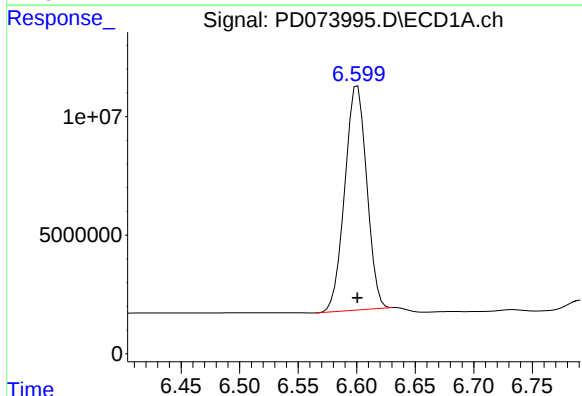
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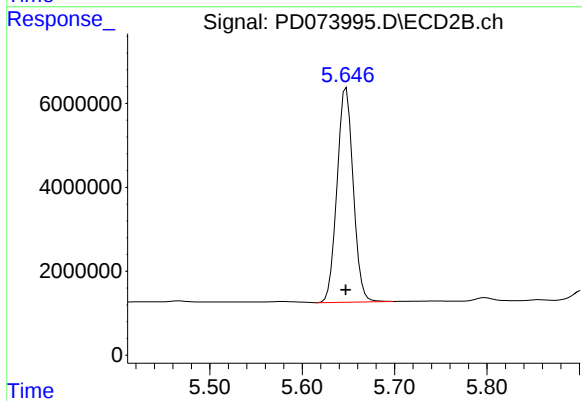
#12 4,4'-DDE

R.T.: 5.243 min
Delta R.T.: 0.002 min
Response: 458898
Conc: 0.29 ng/ml



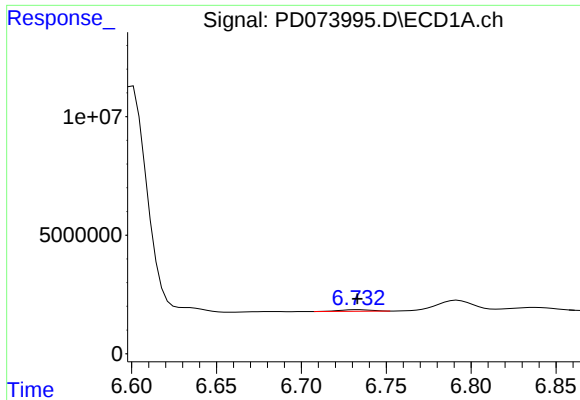
#14 Endrin

R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 123727144
Conc: 42.04 ng/ml



#14 Endrin

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 62237884
Conc: 43.26 ng/ml



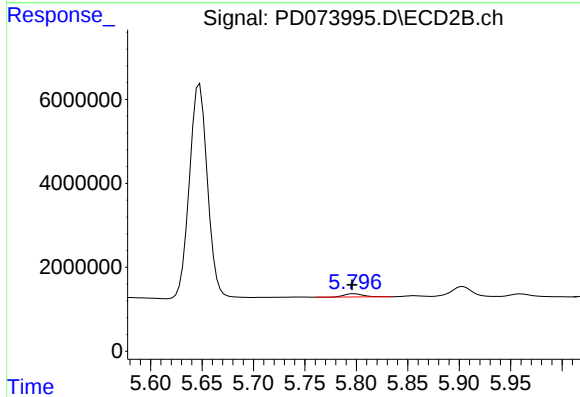
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 912276
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

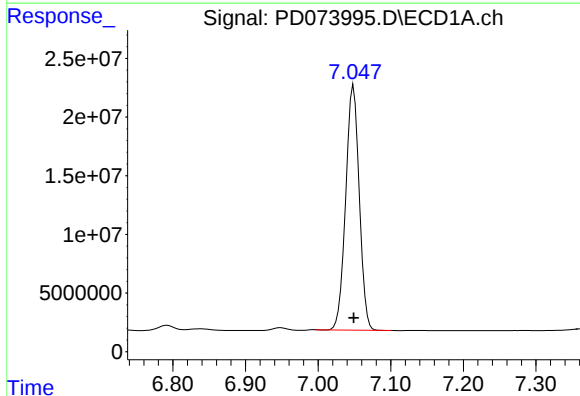
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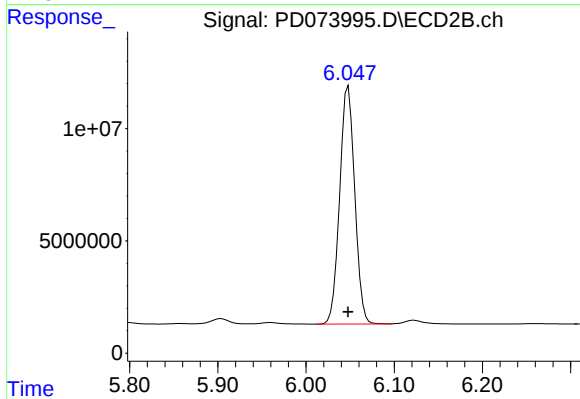
#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.002 min
Response: 996009
Conc: 0.77 ng/ml



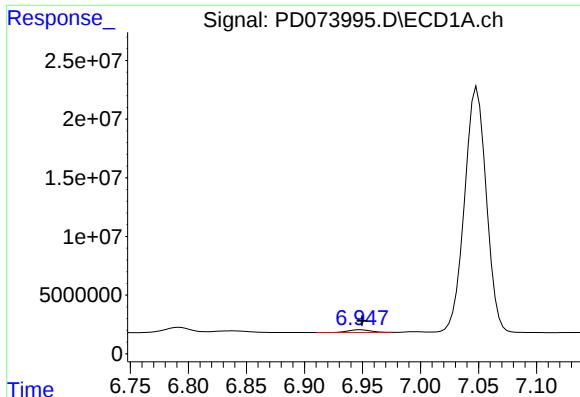
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 271382286
Conc: 90.50 ng/ml



#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 125880057
Conc: 92.93 ng/ml



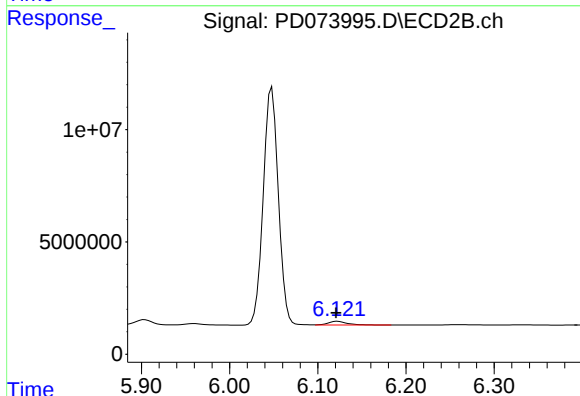
#18 Endrin aldehyde

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 3118938
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

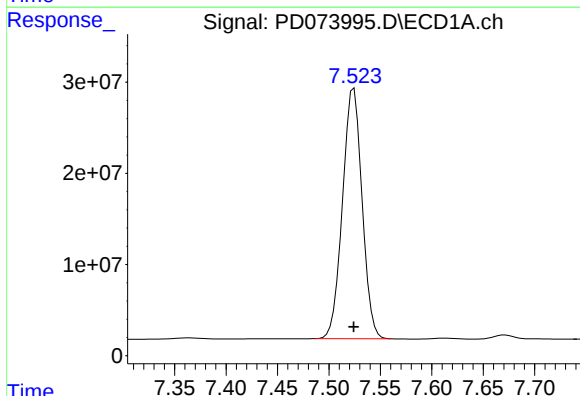
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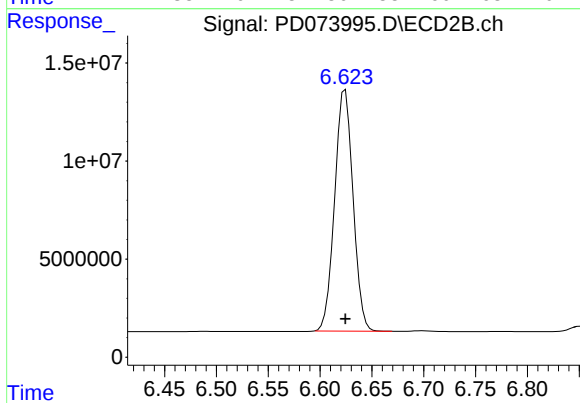
#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: 0.002 min
Response: 2547223
Conc: 2.33 ng/ml



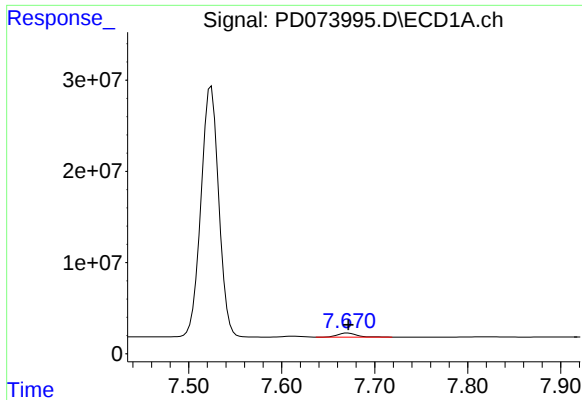
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 363844390
Conc: 221.60 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 151968233
Conc: 212.78 ng/ml



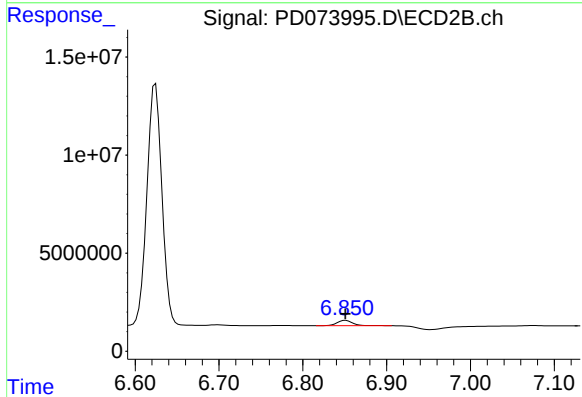
#21 Endrin ketone

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 6197289
Conc: 1.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

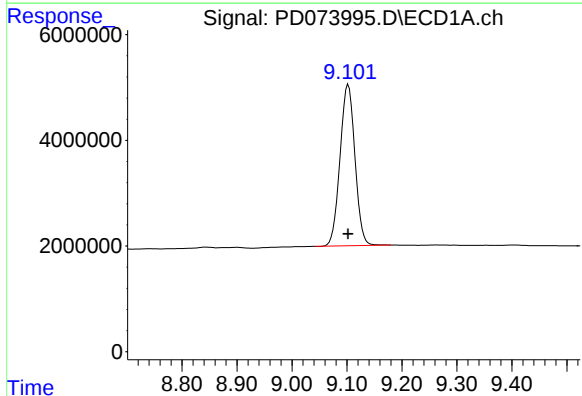
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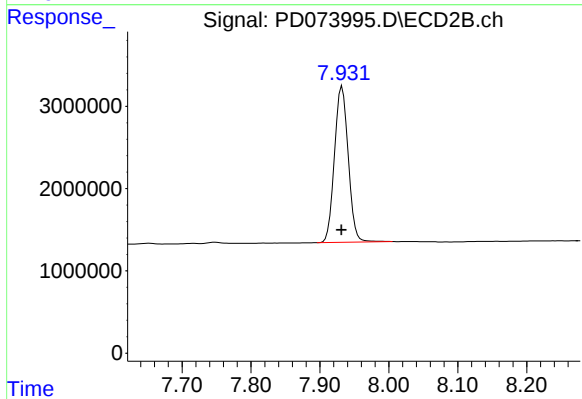
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 3521782
Conc: 2.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.103 min
Delta R.T.: 0.000 min
Response: 57570260
Conc: 19.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 26343595
Conc: 19.49 ng/ml