

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011823\
 Data File : PD073648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jan 2023 22:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/19/2023
 Supervised By : Ankita Jodhani 01/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 02:49:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 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...	3.554	2.777	46327344	25442779	19.819	19.985
28)	SA Decachlor...	9.100	7.933	59265491	24414517	21.031	20.984
Target Compounds							
2)	A alpha-BHC	4.011	3.280	35896477	16918397	9.038	9.930
3)	MA gamma-BHC...	4.344	3.611	35064216	15268329	9.550	10.151
6)	B beta-BHC	4.538	3.906	16780020	7502266	10.817	11.321
12)	B 4,4'-DDE	6.215	5.246	531009	648797	0.176m	0.486 #
14)	MA Endrin	6.602	5.649	121.4E6	51120174	44.798	45.970
16)	A 4,4'-DDD	6.733	5.799	2720070	1986916	1.103	1.928 #
17)	MA 4,4'-DDT	7.049	6.049	268.1E6	99431635	96.296	96.531
18)	B Endrin al...	6.949	6.123	3699833	2321667	1.706	2.632m#
20)	A Methoxychlor	7.523	6.626	358.5E6	114.4E6	231.394	218.540
21)	B Endrin ke...	7.670	6.852	8182382	4380998	2.706	3.419 #

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

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Acq On : 18 Jan 2023 22:05
Operator : AR\AJ
Sample : PEM
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ALS Vial : 27 Sample Multiplier: 1

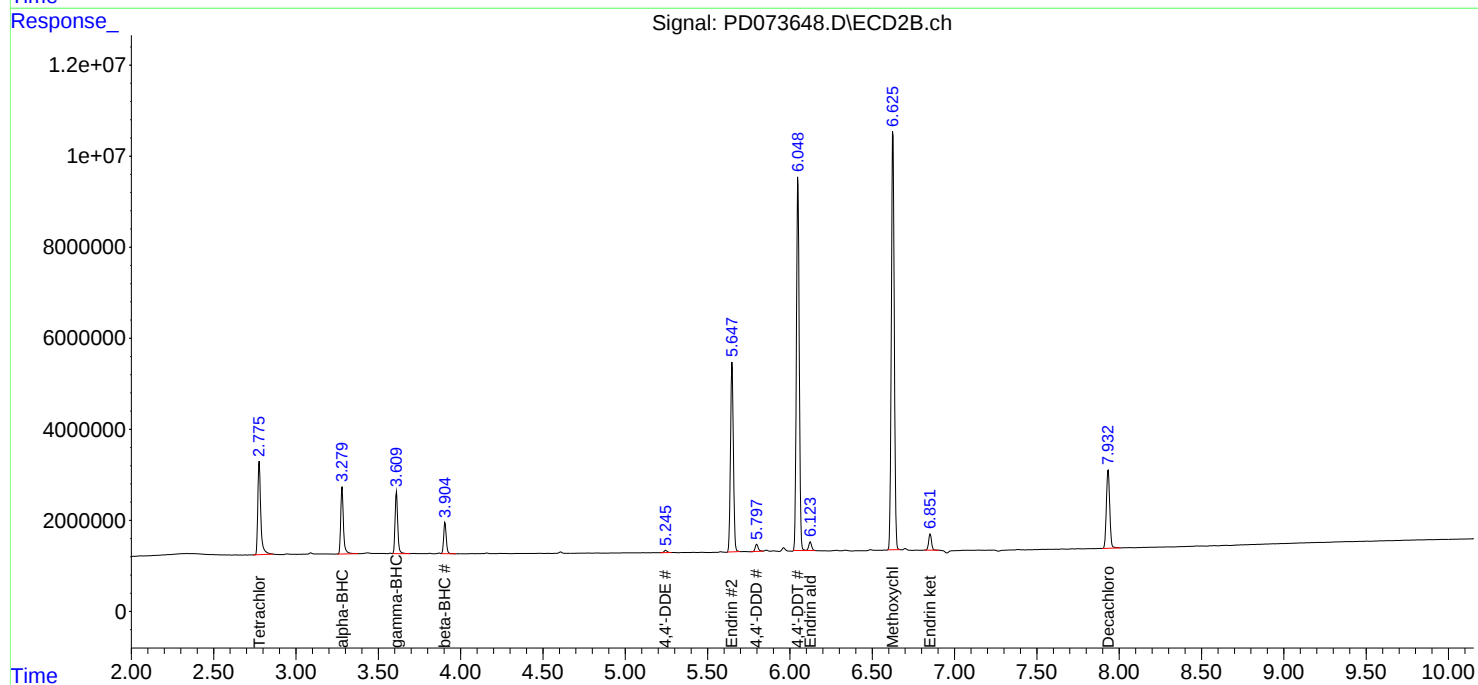
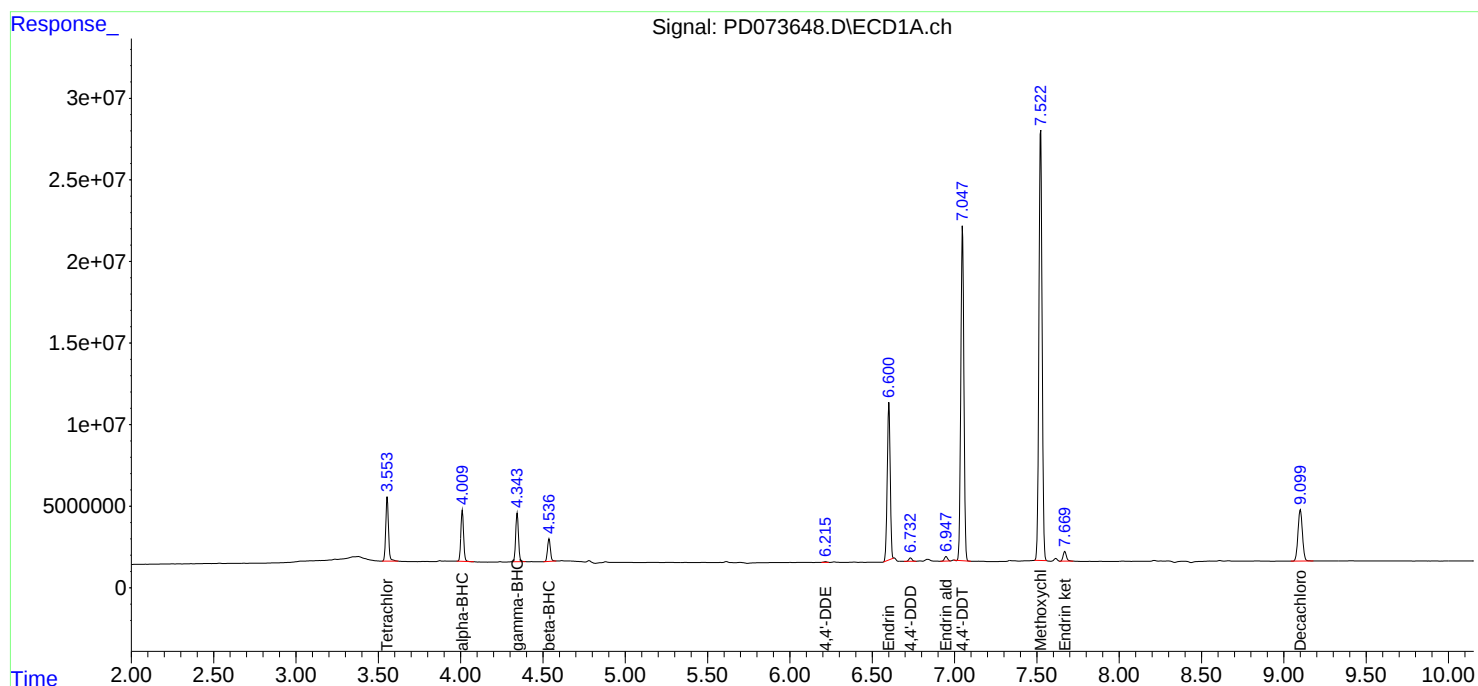
Instrument :
ECD_D
ClientSampleId :
PEM

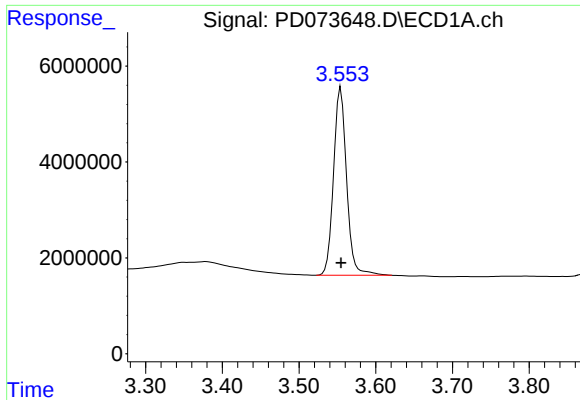
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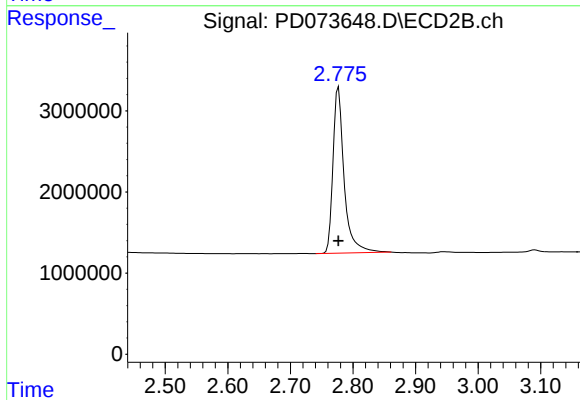
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.000 min
Response: 46327344
Conc: 19.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

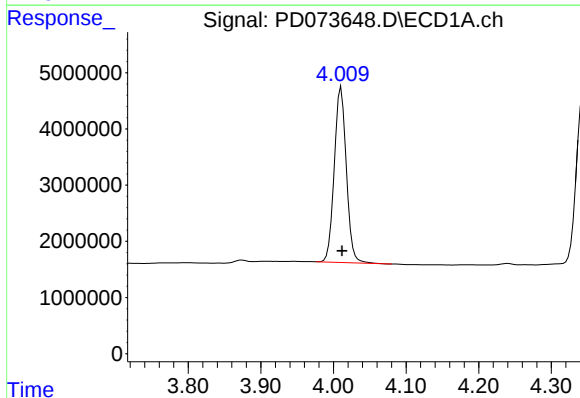
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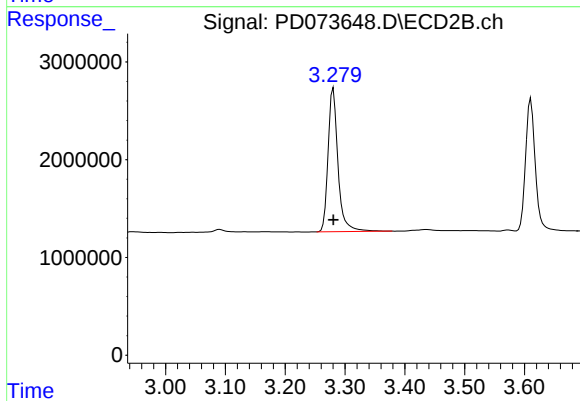
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 25442779
Conc: 19.99 ng/ml



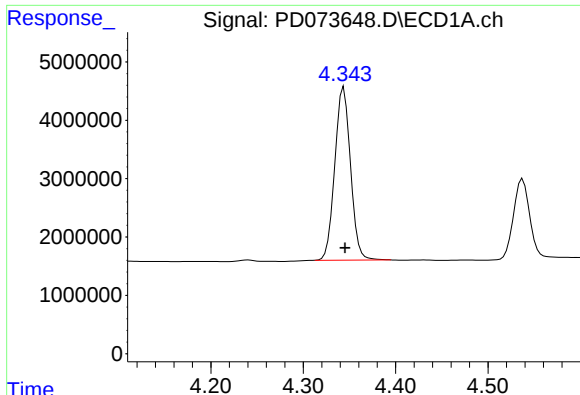
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: -0.001 min
Response: 35896477
Conc: 9.04 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 16918397
Conc: 9.93 ng/ml



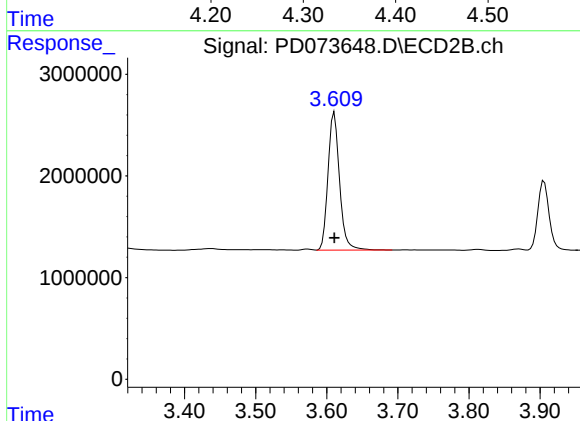
#3 gamma-BHC (Lindane)

R.T.: 4.344 min
Delta R.T.: -0.001 min
Response: 35064216
Conc: 9.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

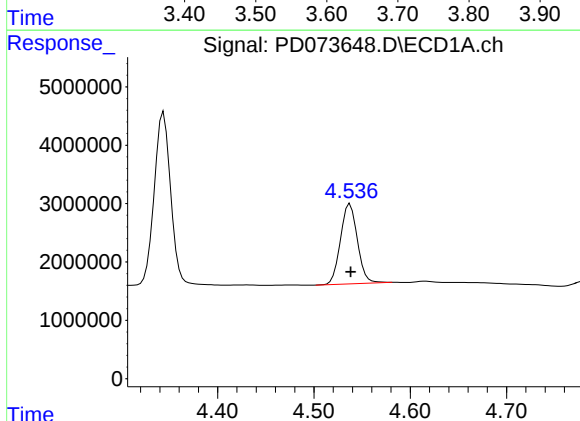
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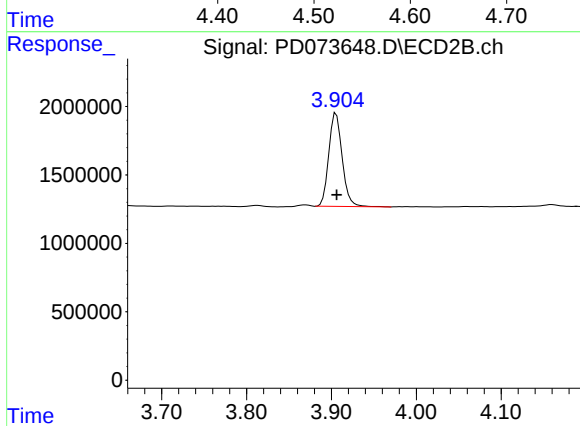
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 15268329
Conc: 10.15 ng/ml



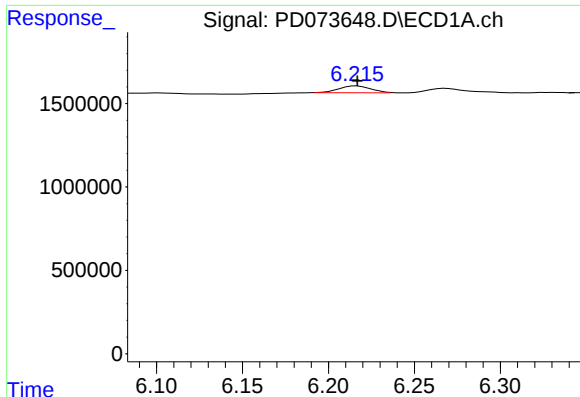
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 16780020
Conc: 10.82 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 7502266
Conc: 11.32 ng/ml



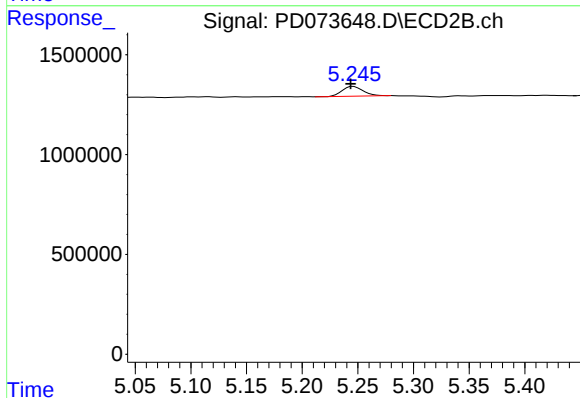
#12 4,4'-DDE

R.T.: 6.215 min
Delta R.T.: -0.002 min
Response: 531009
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

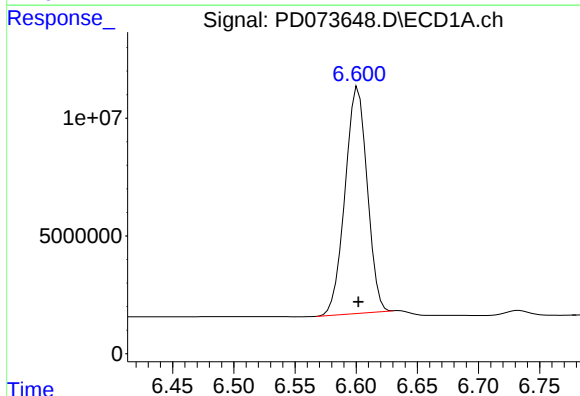
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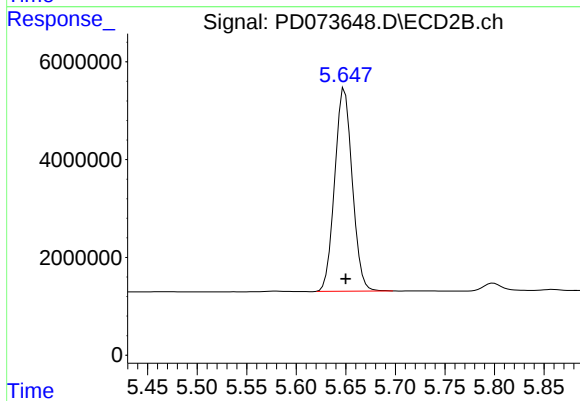
#12 4,4'-DDE

R.T.: 5.246 min
Delta R.T.: 0.002 min
Response: 648797
Conc: 0.49 ng/ml



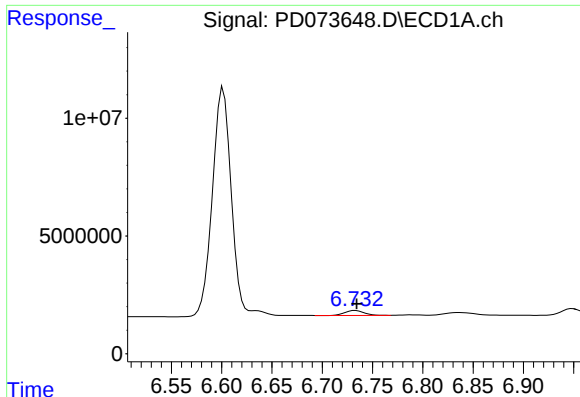
#14 Endrin

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 121446895
Conc: 44.80 ng/ml



#14 Endrin

R.T.: 5.649 min
Delta R.T.: -0.001 min
Response: 51120174
Conc: 45.97 ng/ml



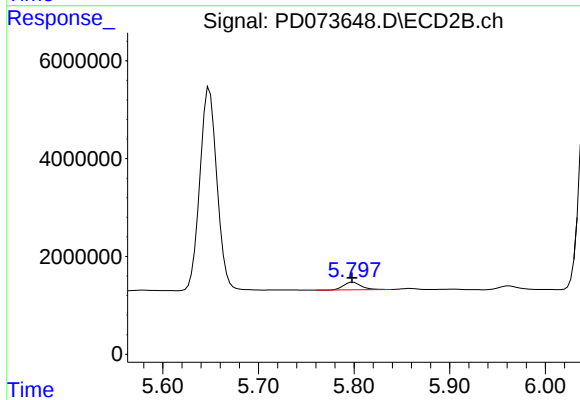
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: -0.001 min
Response: 2720070
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

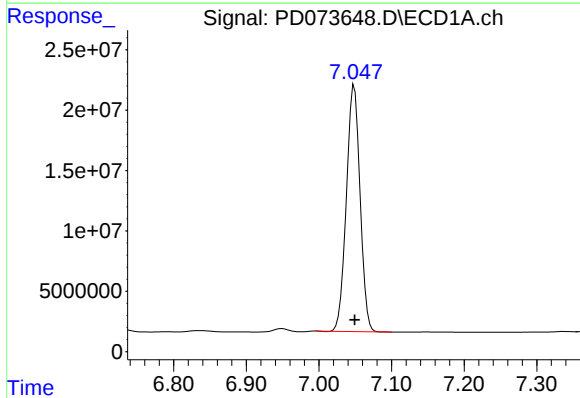
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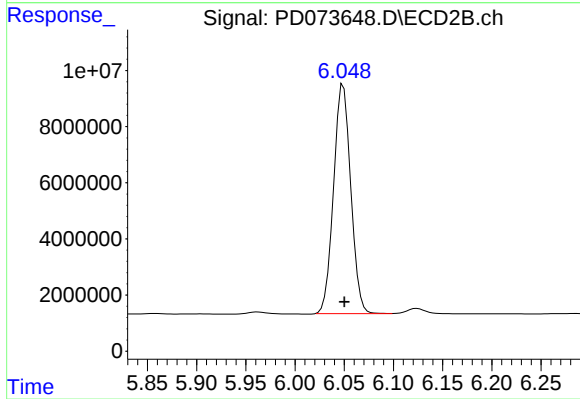
#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 1986916
Conc: 1.93 ng/ml



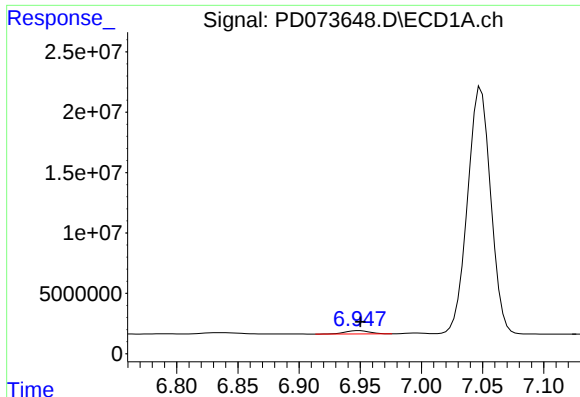
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 268098413
Conc: 96.30 ng/ml



#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: -0.001 min
Response: 99431635
Conc: 96.53 ng/ml



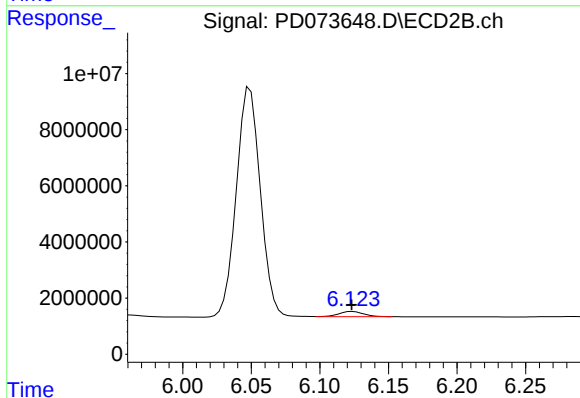
#18 Endrin aldehyde

R.T.: 6.949 min
Delta R.T.: -0.001 min
Response: 3699833
Conc: 1.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

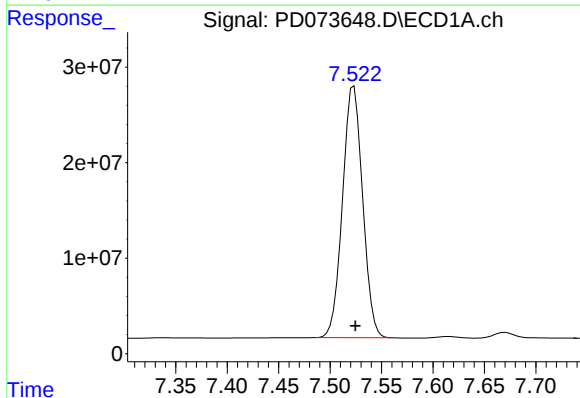
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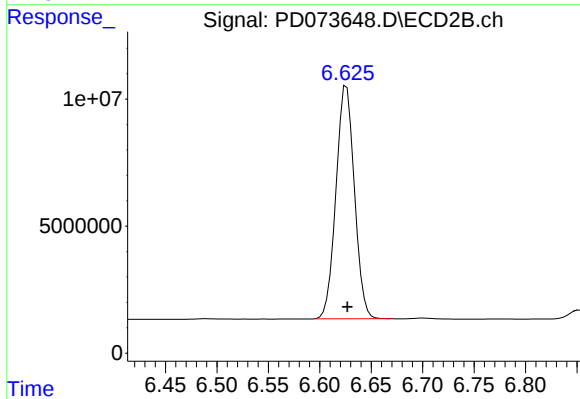
#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 2321667
Conc: 2.63 ng/ml m



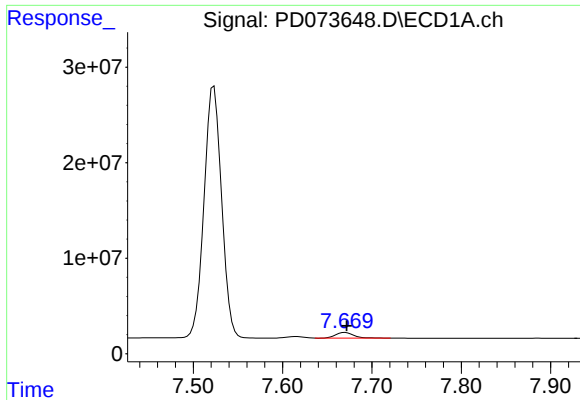
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: -0.002 min
Response: 358456193
Conc: 231.39 ng/ml



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 114383982
Conc: 218.54 ng/ml



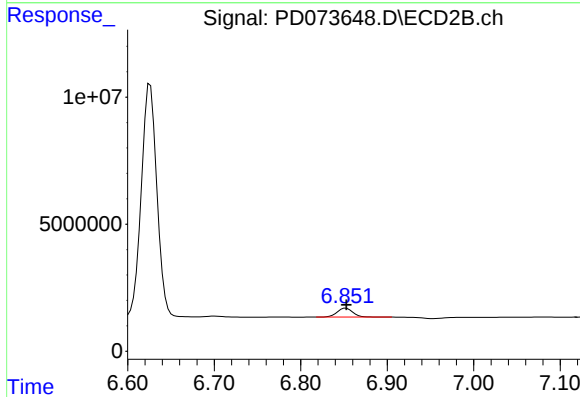
#21 Endrin ketone

R.T.: 7.670 min
Delta R.T.: -0.002 min
Response: 8182382
Conc: 2.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

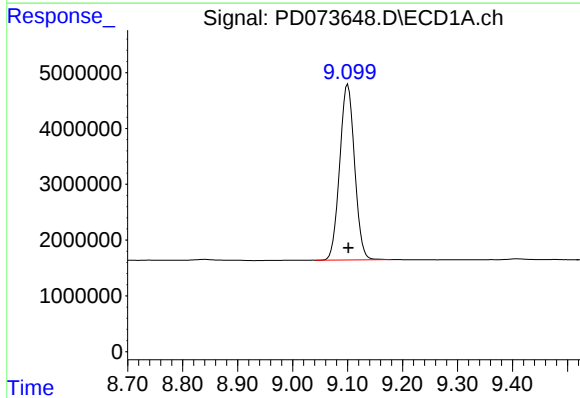
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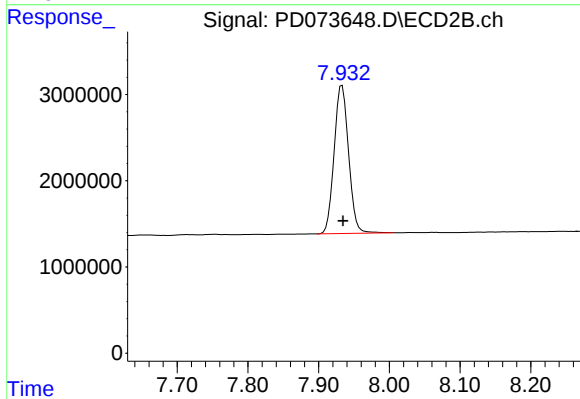
#21 Endrin ketone

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 4380998
Conc: 3.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: -0.001 min
Response: 59265491
Conc: 21.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: -0.001 min
Response: 24414517
Conc: 20.98 ng/ml