

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032023\
 Data File : PD074287.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2023 10:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/21/2023
 Supervised By : Ankita Jodhani 03/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 21:18:32 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 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...	3.549	2.771	37393681	21560668	16.031	17.716
2)	SA Decachlor...	9.094	7.924	55507542	24125117	20.754	19.663
Target Compounds							
2)	A alpha-BHC	4.006	3.274	26113645	15436664	6.729	8.306
3)	MA gamma-BHC...	4.340	3.604	25773366	13519442	7.346	7.891
6)	B beta-BHC	4.534	3.899	11491856	6704988	7.776	8.880m
14)	MA Endrin	6.597	5.642	92989238	47897403	37.419	36.648
16)	A 4,4'-DDD	6.728	5.791	777358	834207	0.347m	0.715 #
17)	MA 4,4'-DDT	7.045	6.042	217.7E6	102.8E6	85.386	83.701
18)	B Endrin al...	6.945	6.117	2248640	2579303	1.125	2.540 #
20)	A Methoxychlor	7.520	6.618	308.0E6	135.8E6	220.132	200.745
21)	B Endrin ke...	7.666	6.844	5725171	2722258	2.057	1.845

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

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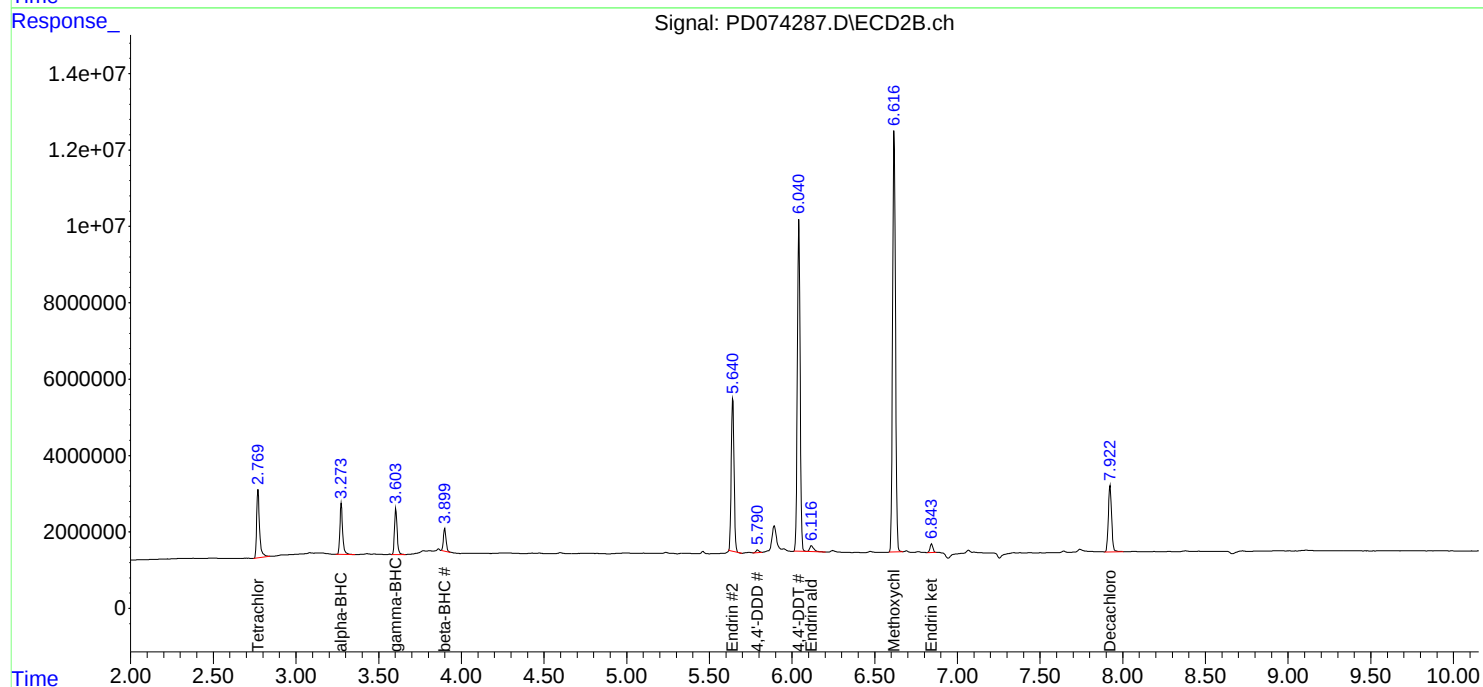
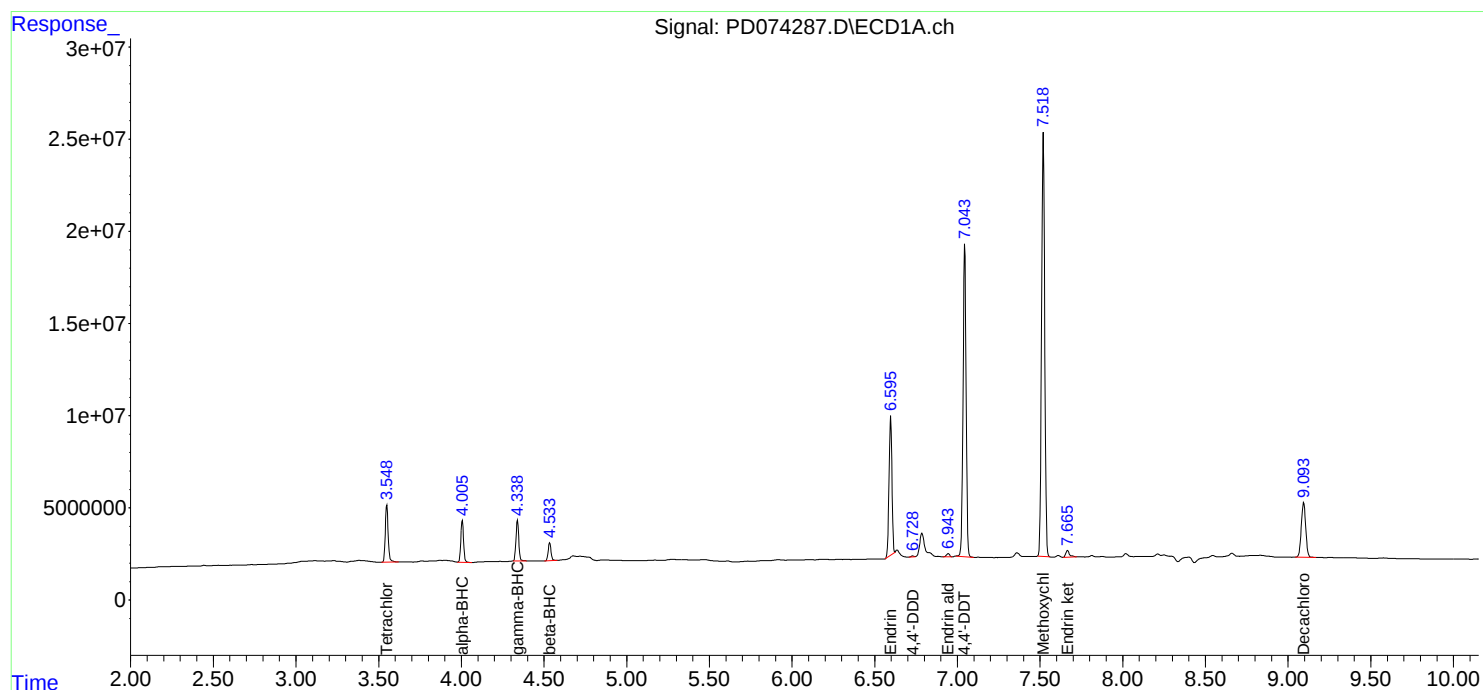
Instrument :
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PEM

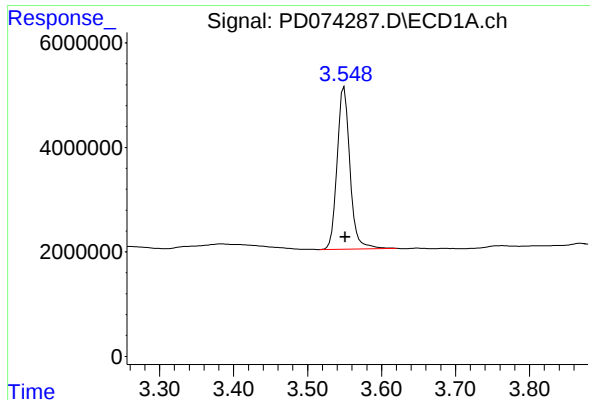
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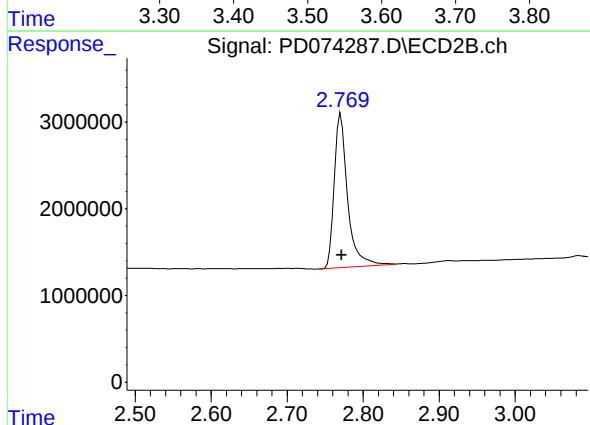
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 37393681
Conc: 16.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

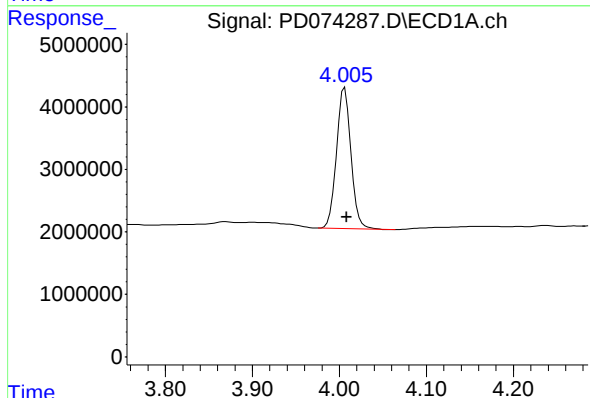
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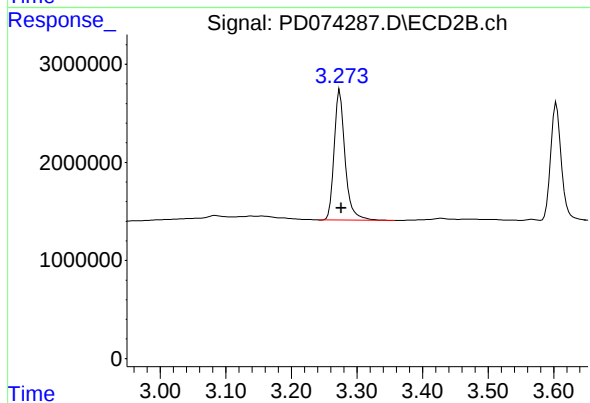
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 21560668
Conc: 17.72 ng/ml



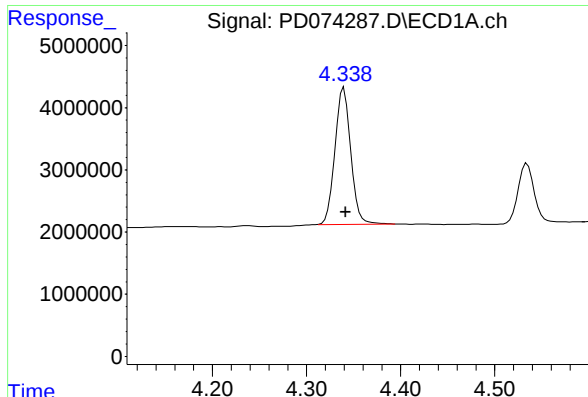
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 26113645
Conc: 6.73 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.002 min
Response: 15436664
Conc: 8.31 ng/ml



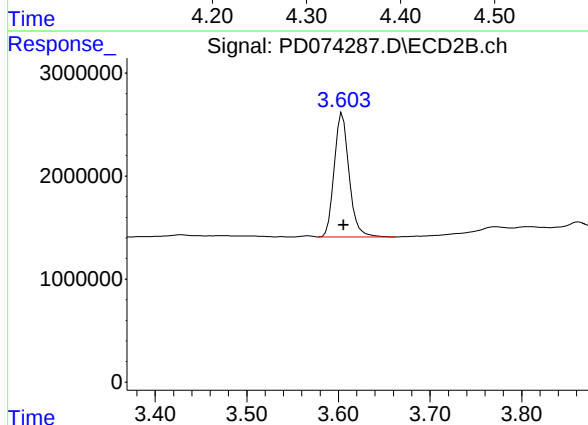
#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: -0.002 min
Response: 25773366
Conc: 7.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

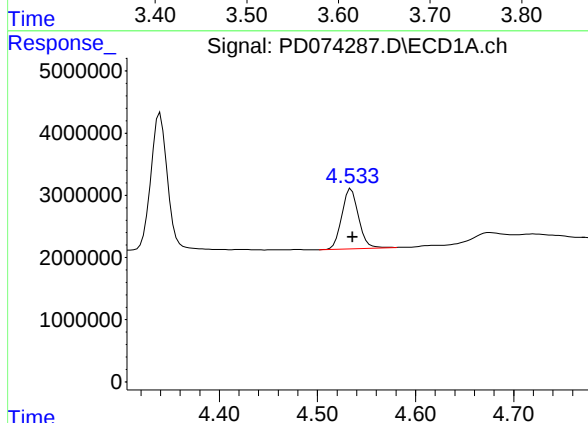
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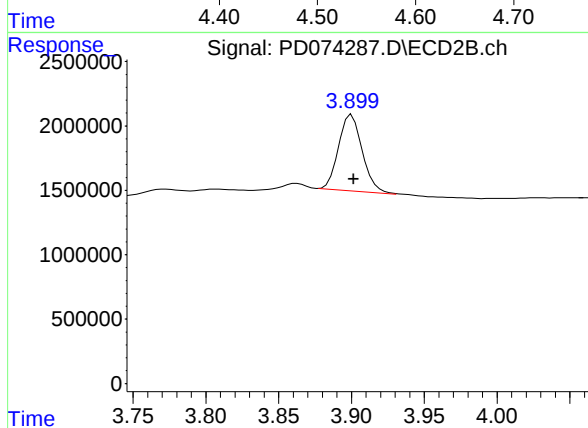
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.002 min
Response: 13519442
Conc: 7.89 ng/ml



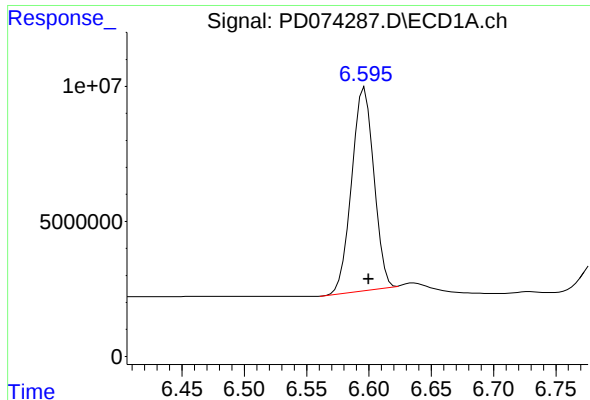
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: -0.001 min
Response: 11491856
Conc: 7.78 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.003 min
Response: 6704988
Conc: 8.88 ng/ml m



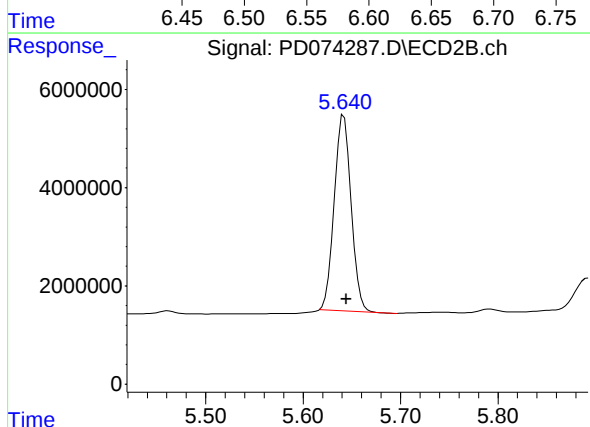
#14 Endrin

R.T.: 6.597 min
Delta R.T.: -0.003 min
Response: 92989238
Conc: 37.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

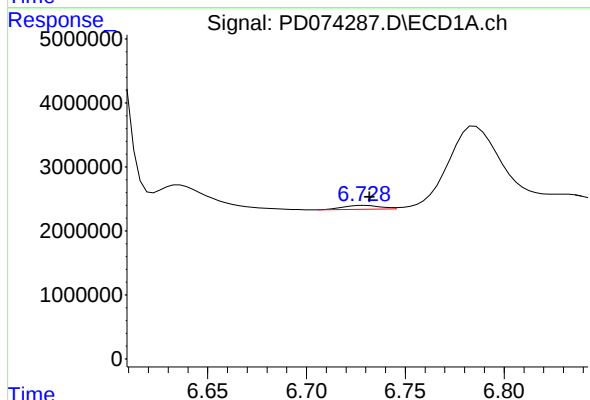
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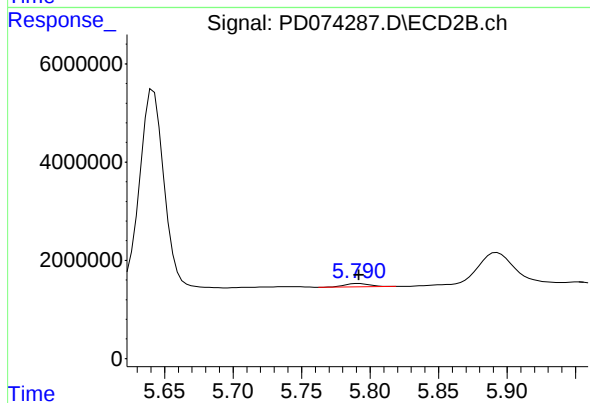
#14 Endrin

R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 47897403
Conc: 36.65 ng/ml



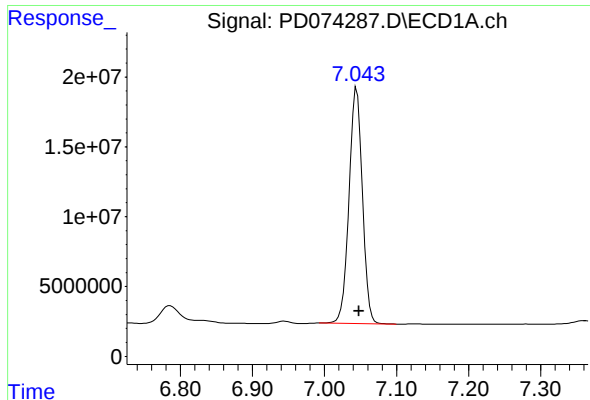
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: -0.004 min
Response: 777358
Conc: 0.35 ng/ml m



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 834207
Conc: 0.71 ng/ml



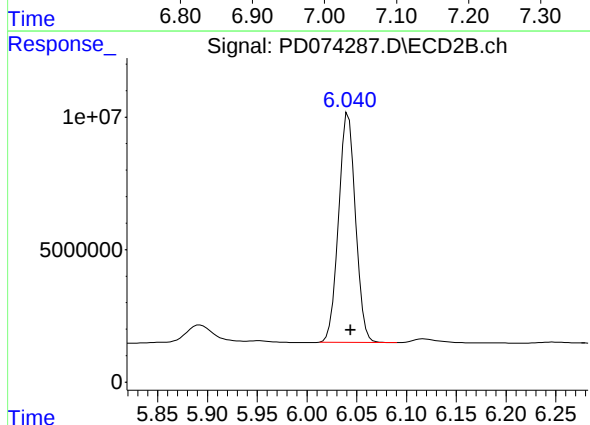
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: -0.003 min
Response: 217652935
Conc: 85.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

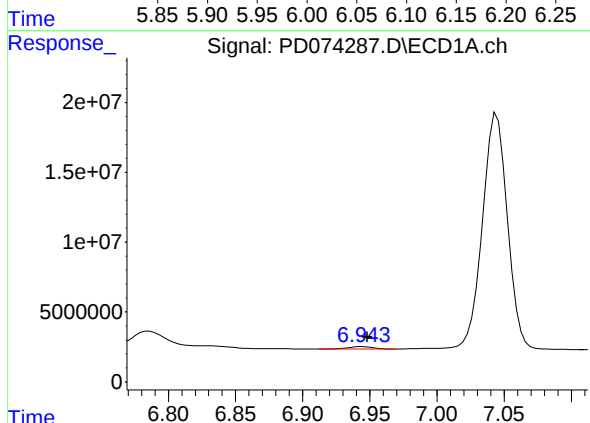
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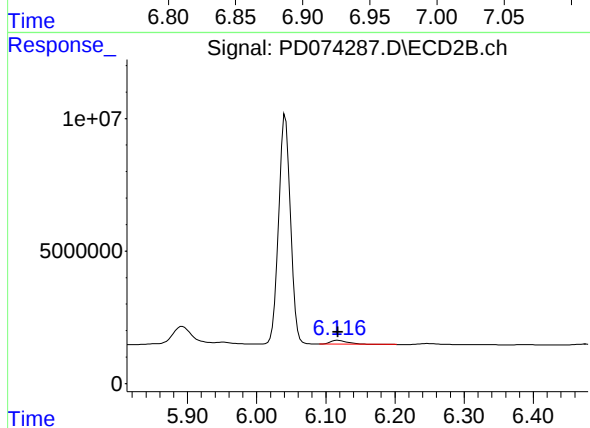
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: -0.003 min
Response: 102786864
Conc: 83.70 ng/ml



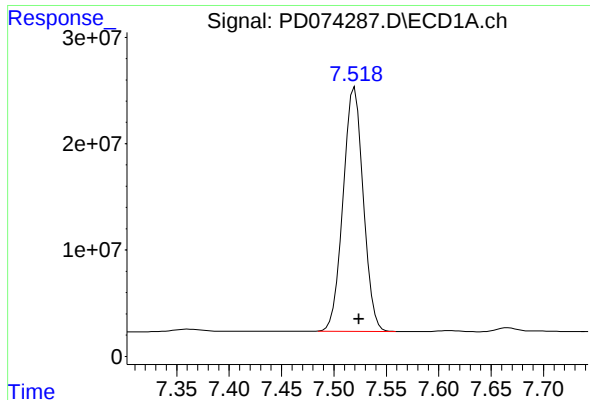
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 2248640
Conc: 1.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 2579303
Conc: 2.54 ng/ml



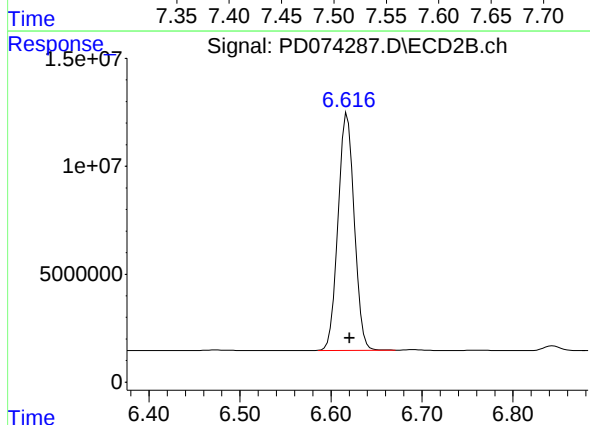
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.004 min
Response: 308005887
Conc: 220.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

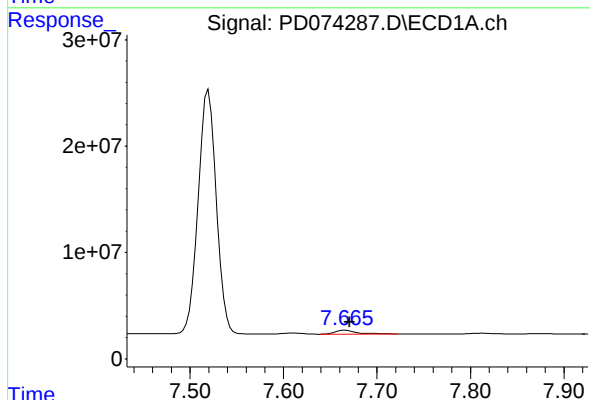
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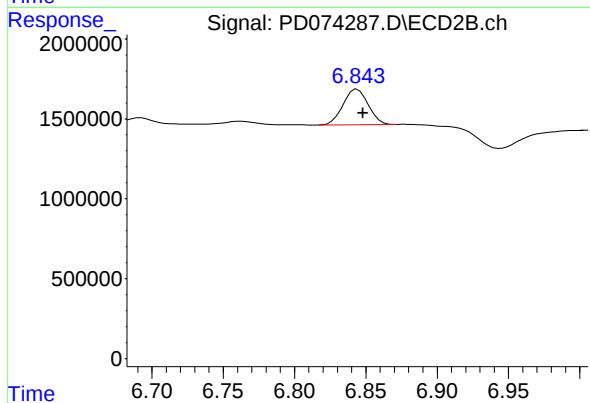
#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 135829728
Conc: 200.75 ng/ml



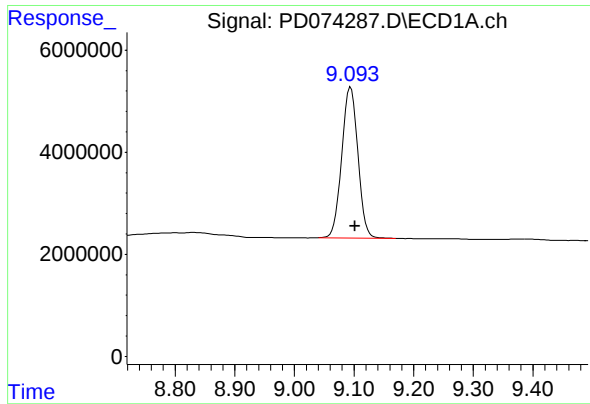
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: -0.005 min
Response: 5725171
Conc: 2.06 ng/ml



#21 Endrin ketone

R.T.: 6.844 min
Delta R.T.: -0.004 min
Response: 2722258
Conc: 1.85 ng/ml



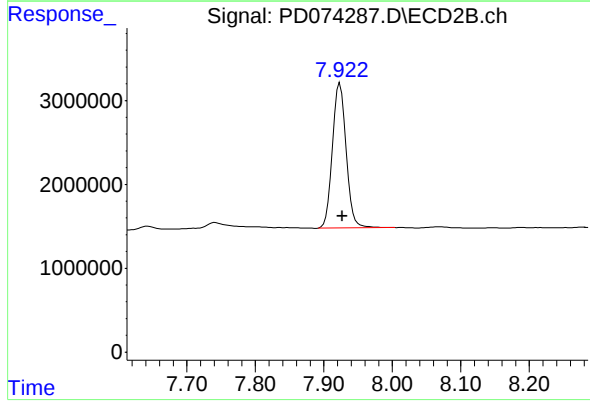
#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: -0.007 min
Response: 55507542
Conc: 20.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: -0.004 min
Response: 24125117
Conc: 19.66 ng/ml