

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111022\
 Data File : PD072916.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2022 11:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/11/2022
 Supervised By : Ankita Jodhani 11/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 20:45:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102822.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 28 15:29:46 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	2.701	3.462	39385193	879.7E6	19.203	25.484 #
28)	SA Decachlor...	7.830	8.914	38100842	241.3E6	19.817	25.185 #
Target Compounds							
2)	A alpha-BHC	3.204	3.926	29840848	588.3E6	9.022	12.471 #
3)	MA gamma-BHC...	3.534	4.260	22945150	506.2E6	7.628	13.775 #
6)	B beta-BHC	3.834	4.475	11101609	187.8E6	8.641m	13.359 #
12)	B 4,4'-DDE	5.144	6.101	270971	2742186	0.111m	0.165m#
14)	MA Endrin	5.563	6.489	109.5E6	814.7E6	50.716	58.642
16)	A 4,4'-DDD	5.709	6.625	286249	13766621	0.140m	0.999 #
17)	MA 4,4'-DDT	5.958	6.932	216.7E6	1542.2E6	109.483	114.632
18)	B Endrin al...	6.042	6.851	2182009	14076128	1.311	1.307
20)	A Methoxychlor	6.541	7.411	293.1E6	1855.3E6	259.642	286.584
21)	B Endrin ke...	6.774	7.573	8578153	35765835	3.434	2.528 #

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

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Acq On : 10 Nov 2022 11:03
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

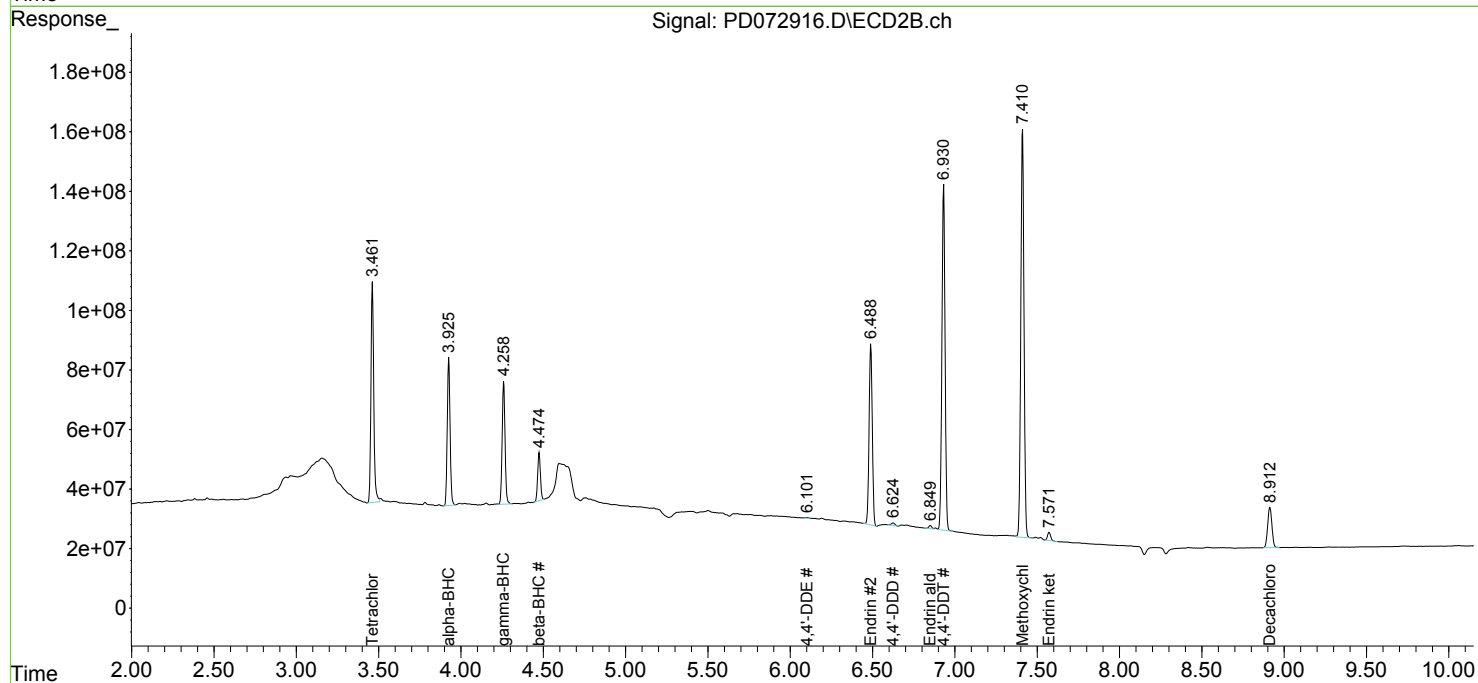
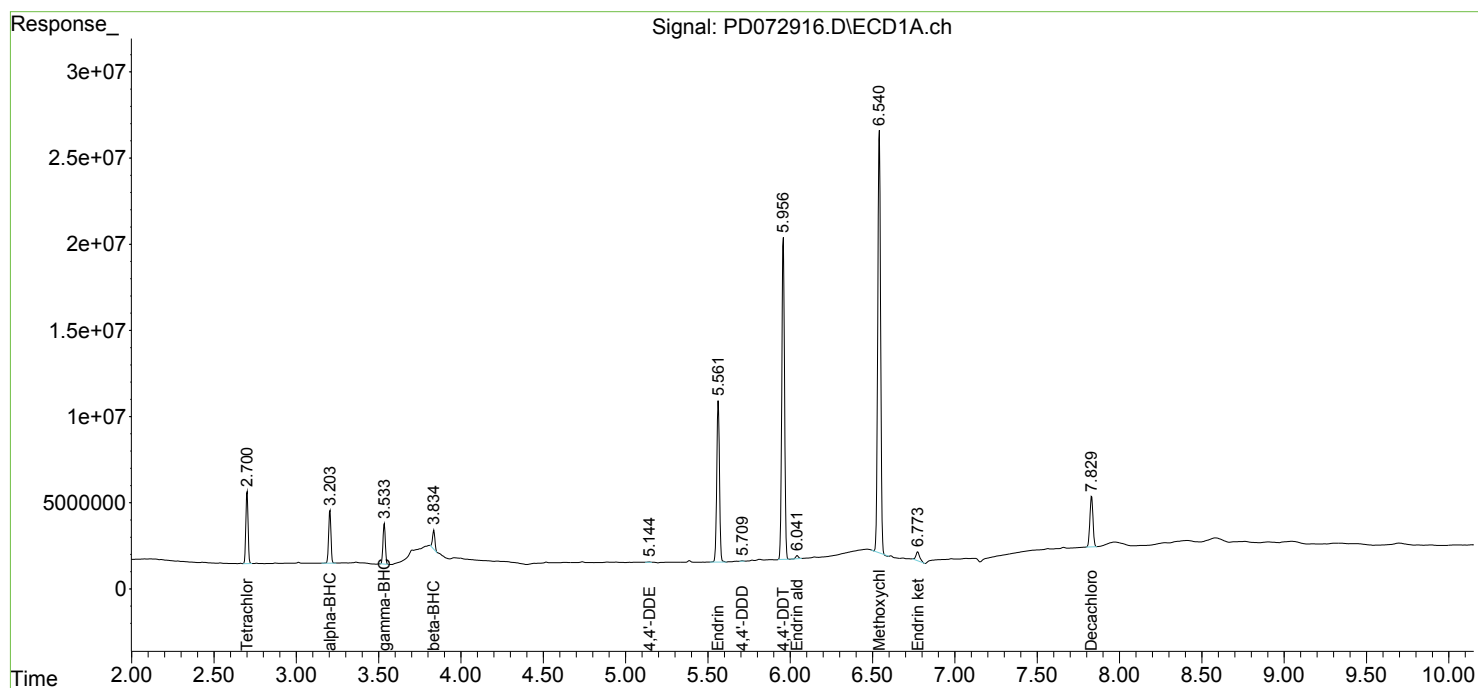
Instrument :
ECD_D
ClientSampleId :
PEM

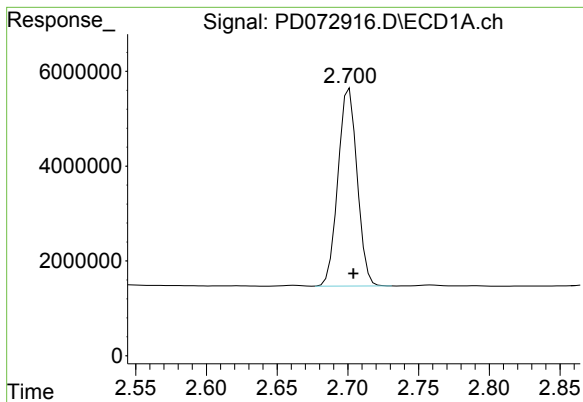
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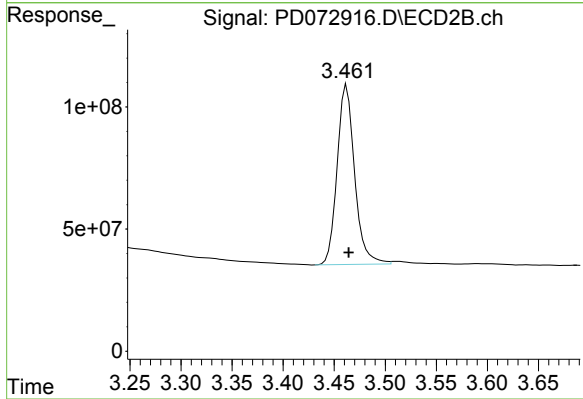
#1 Tetrachloro-m-xylene

R.T.: 2.701 min
Delta R.T.: -0.003 min
Response: 39385193
Conc: 19.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

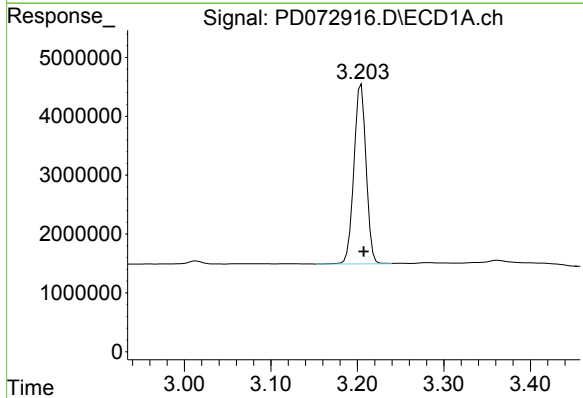
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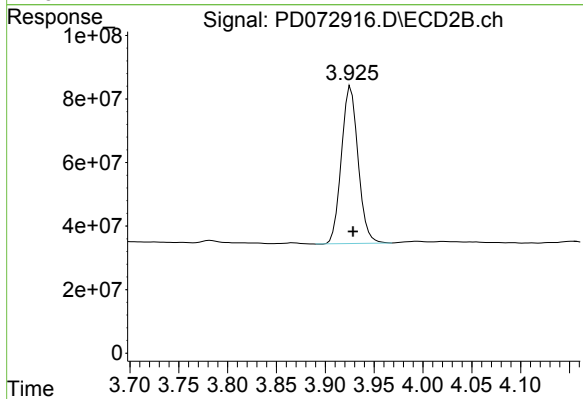
#1 Tetrachloro-m-xylene

R.T.: 3.462 min
Delta R.T.: -0.002 min
Response: 879677109
Conc: 25.48 ng/ml



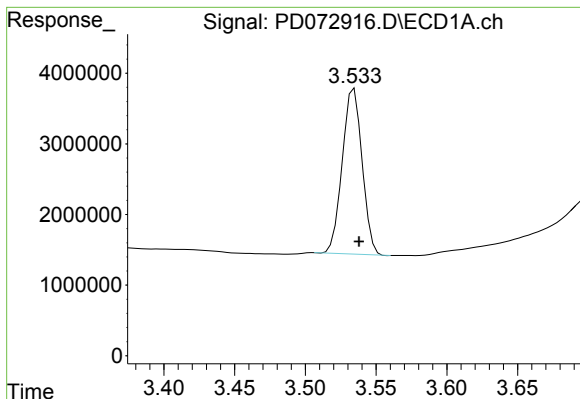
#2 alpha-BHC

R.T.: 3.204 min
Delta R.T.: -0.003 min
Response: 29840848
Conc: 9.02 ng/ml



#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: -0.002 min
Response: 588282337
Conc: 12.47 ng/ml



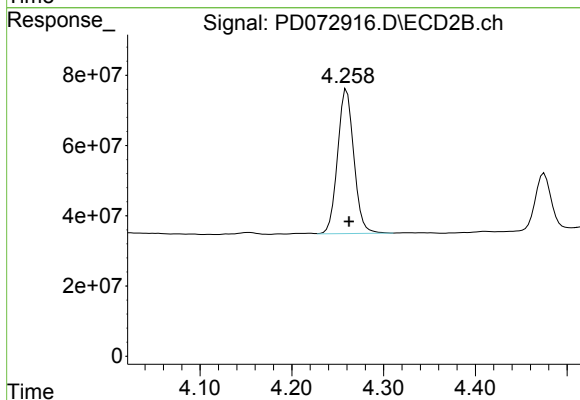
#3 gamma-BHC (Lindane)

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 22945150
Conc: 7.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

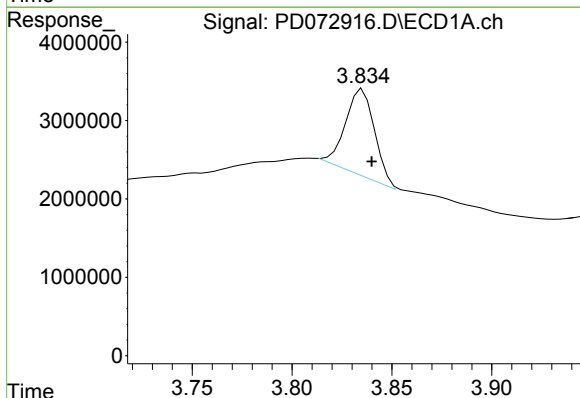
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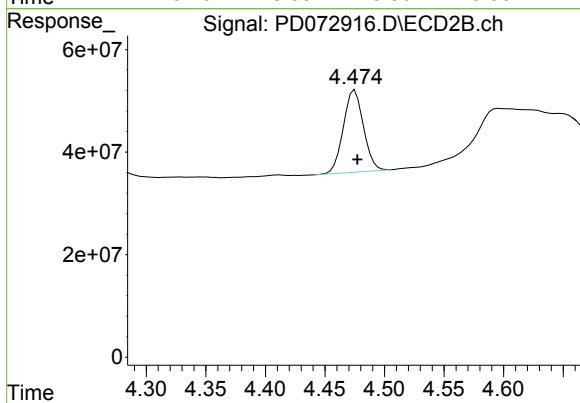
#3 gamma-BHC (Lindane)

R.T.: 4.260 min
Delta R.T.: -0.002 min
Response: 506209304
Conc: 13.78 ng/ml



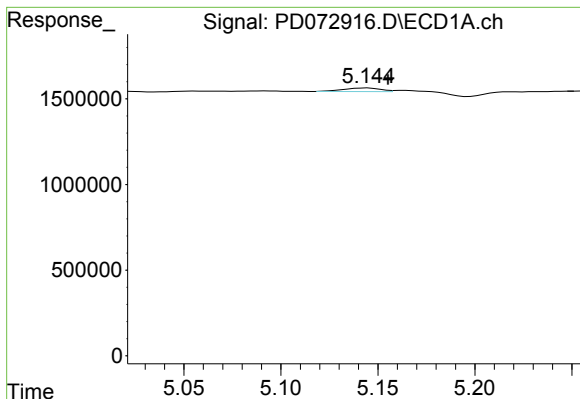
#6 beta-BHC

R.T.: 3.834 min
Delta R.T.: -0.006 min
Response: 11101609
Conc: 8.64 ng/ml m



#6 beta-BHC

R.T.: 4.475 min
Delta R.T.: -0.002 min
Response: 187801924
Conc: 13.36 ng/ml



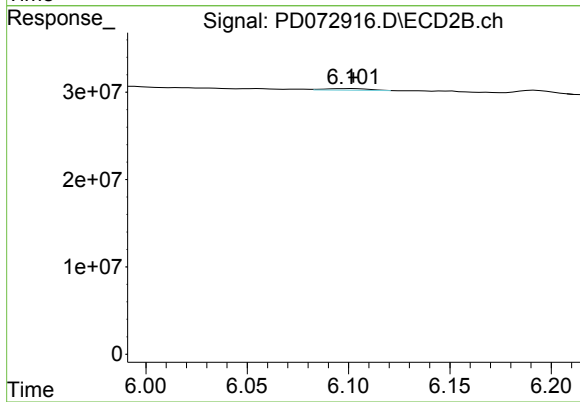
#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.012 min
Response: 270971
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

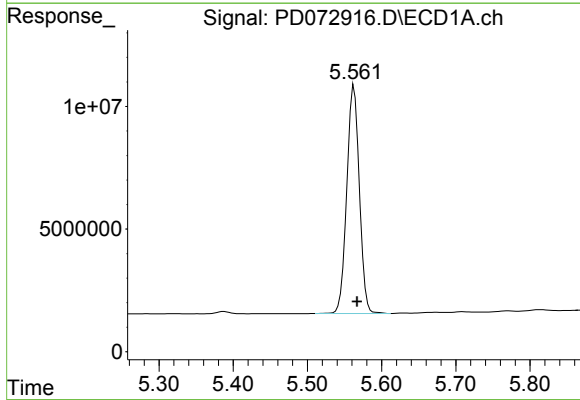
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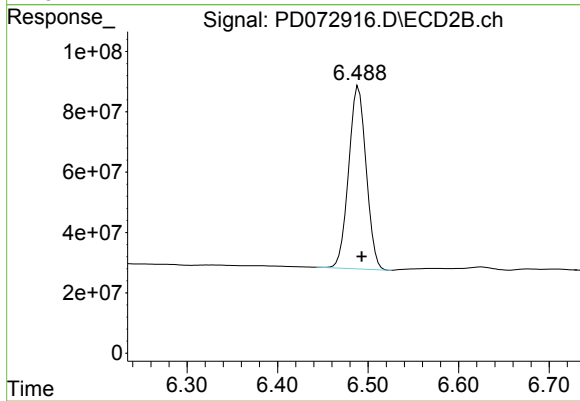
#12 4,4'-DDE

R.T.: 6.101 min
Delta R.T.: -0.001 min
Response: 2742186
Conc: 0.17 ng/ml m



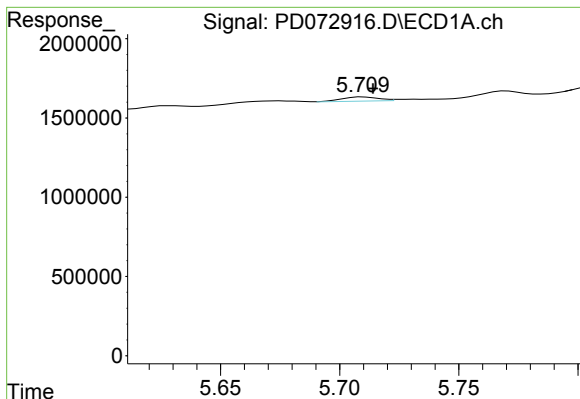
#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 109538532
Conc: 50.72 ng/ml



#14 Endrin

R.T.: 6.489 min
Delta R.T.: -0.004 min
Response: 814661218
Conc: 58.64 ng/ml



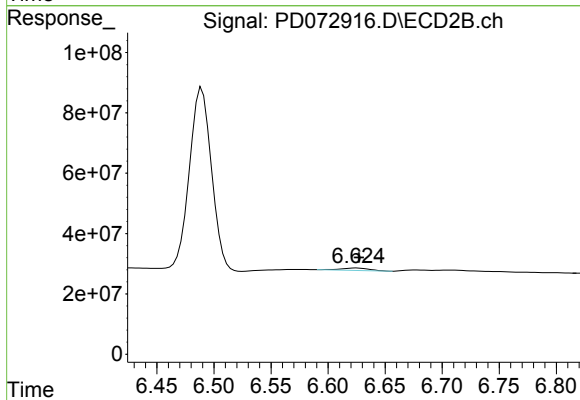
#16 4,4'-DDD

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 286249
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

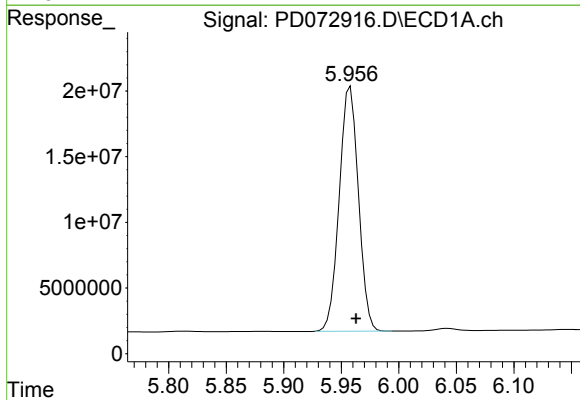
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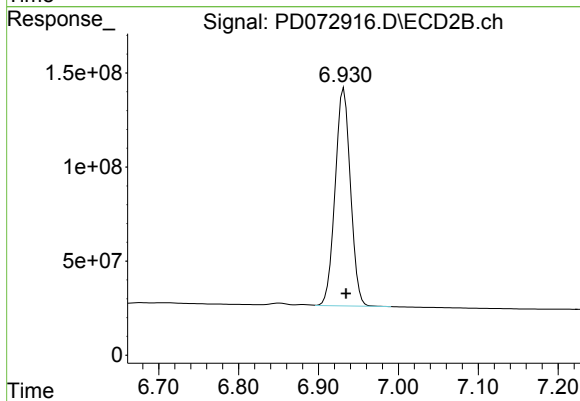
#16 4,4'-DDD

R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 13766621
Conc: 1.00 ng/ml



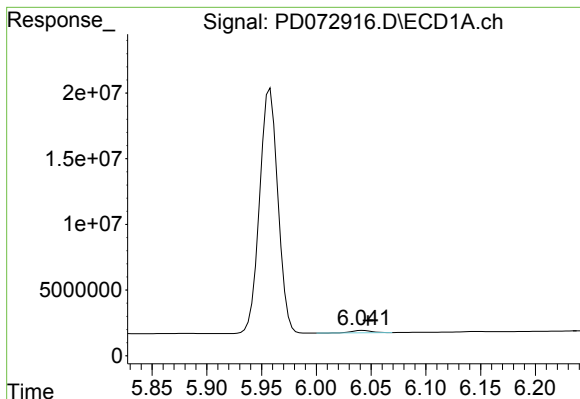
#17 4,4'-DDT

R.T.: 5.958 min
Delta R.T.: -0.005 min
Response: 216682988
Conc: 109.48 ng/ml



#17 4,4'-DDT

R.T.: 6.932 min
Delta R.T.: -0.003 min
Response: 1542178739
Conc: 114.63 ng/ml



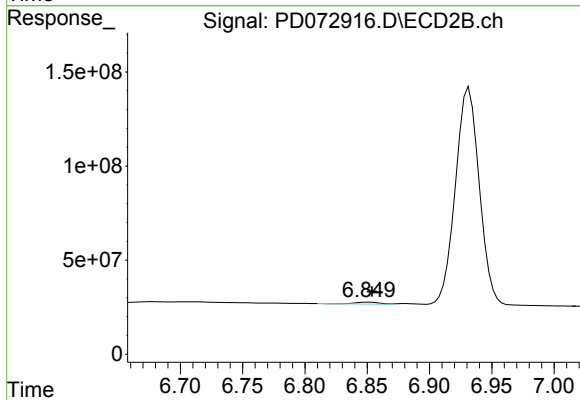
#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: -0.005 min
Response: 2182009
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

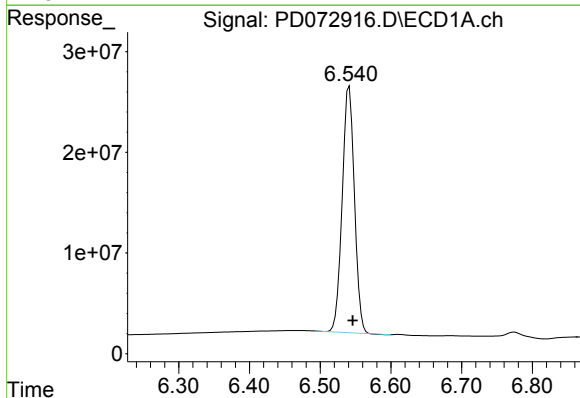
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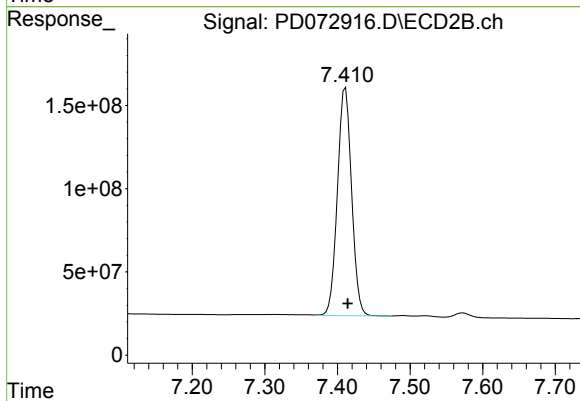
#18 Endrin aldehyde

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 14076128
Conc: 1.31 ng/ml



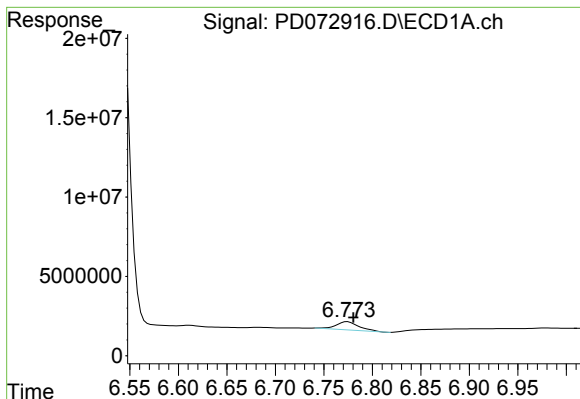
#20 Methoxychlor

R.T.: 6.541 min
Delta R.T.: -0.005 min
Response: 293125751
Conc: 259.64 ng/ml



#20 Methoxychlor

R.T.: 7.411 min
Delta R.T.: -0.003 min
Response: 1855304680
Conc: 286.58 ng/ml



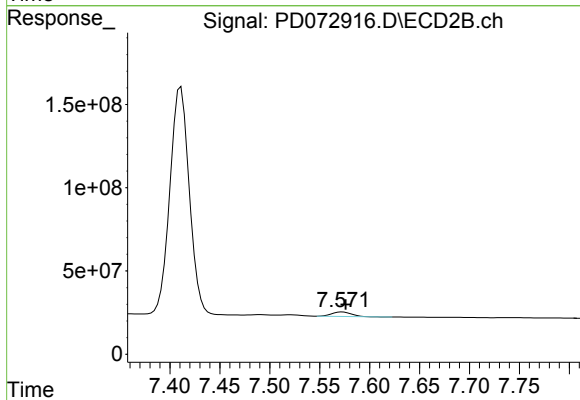
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: -0.006 min
Response: 8578153
Conc: 3.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

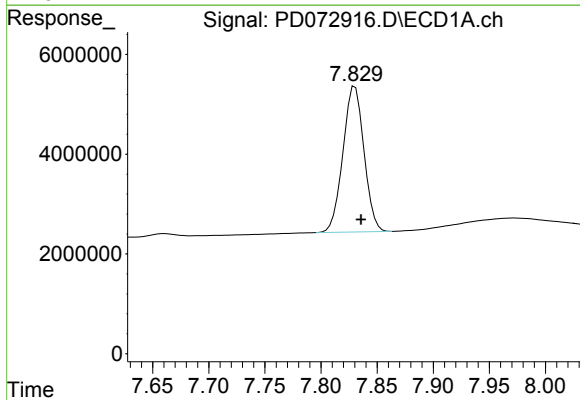
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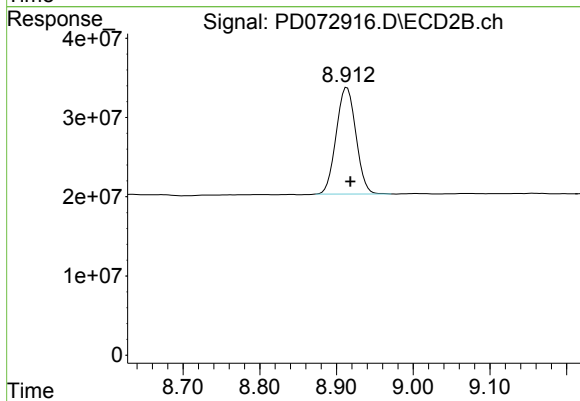
#21 Endrin ketone

R.T.: 7.573 min
Delta R.T.: -0.004 min
Response: 35765835
Conc: 2.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.830 min
Delta R.T.: -0.005 min
Response: 38100842
Conc: 19.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.914 min
Delta R.T.: -0.005 min
Response: 241330764
Conc: 25.18 ng/ml