

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072122\
 Data File : PD071060.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 18:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/21/2022
 Supervised By : Ankita Jodhani 07/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 23:44:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 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...	3.474	4.125	59495471	586.4E6	20.531	20.283
28)	SA Decachlor...	8.244	9.323	60863398	236.8E6	19.921	20.763
Target Compounds							
2)	A alpha-BHC	3.914	4.530	44550741	446.8E6	10.155m	11.788
3)	MA gamma-BHC...	4.198	4.823	46138800	377.7E6	10.626m	12.648
6)	B beta-BHC	4.449	5.000	18965870	180.9E6	11.347	13.484
14)	MA Endrin	6.035	6.898	159.9E6	568.5E6	51.217	54.807
16)	A 4,4'-DDD	6.162	7.014	8934183	23927590	3.044	1.924 #
17)	MA 4,4'-DDT	6.403	7.314	326.8E6	1271.0E6	106.748	94.898
18)	B Endrin al...	6.477	7.236	6430429	21257148	2.681m	2.108m
20)	A Methoxychlor	6.952	7.774	402.0E6	1526.4E6	243.169m	222.133
21)	B Endrin ke...	7.183	7.943	15854087	47412192	4.577m	3.426 #

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

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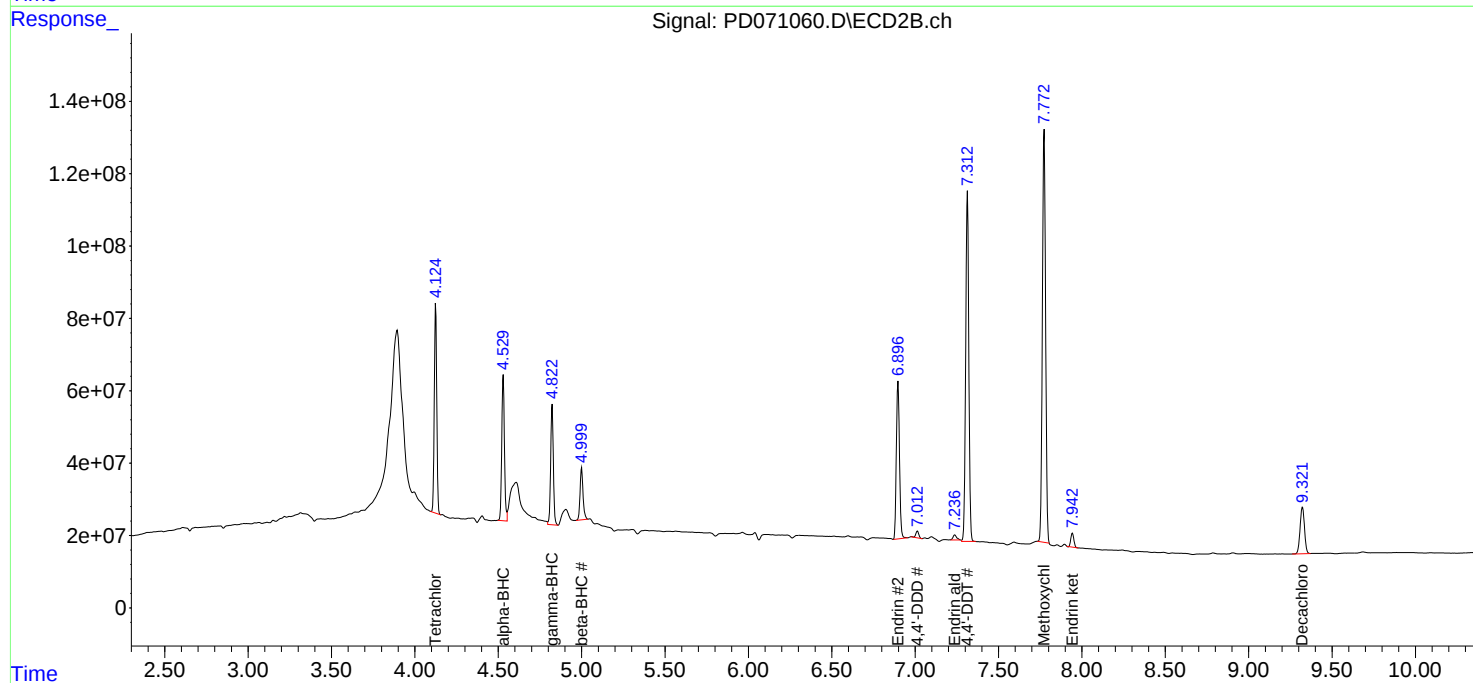
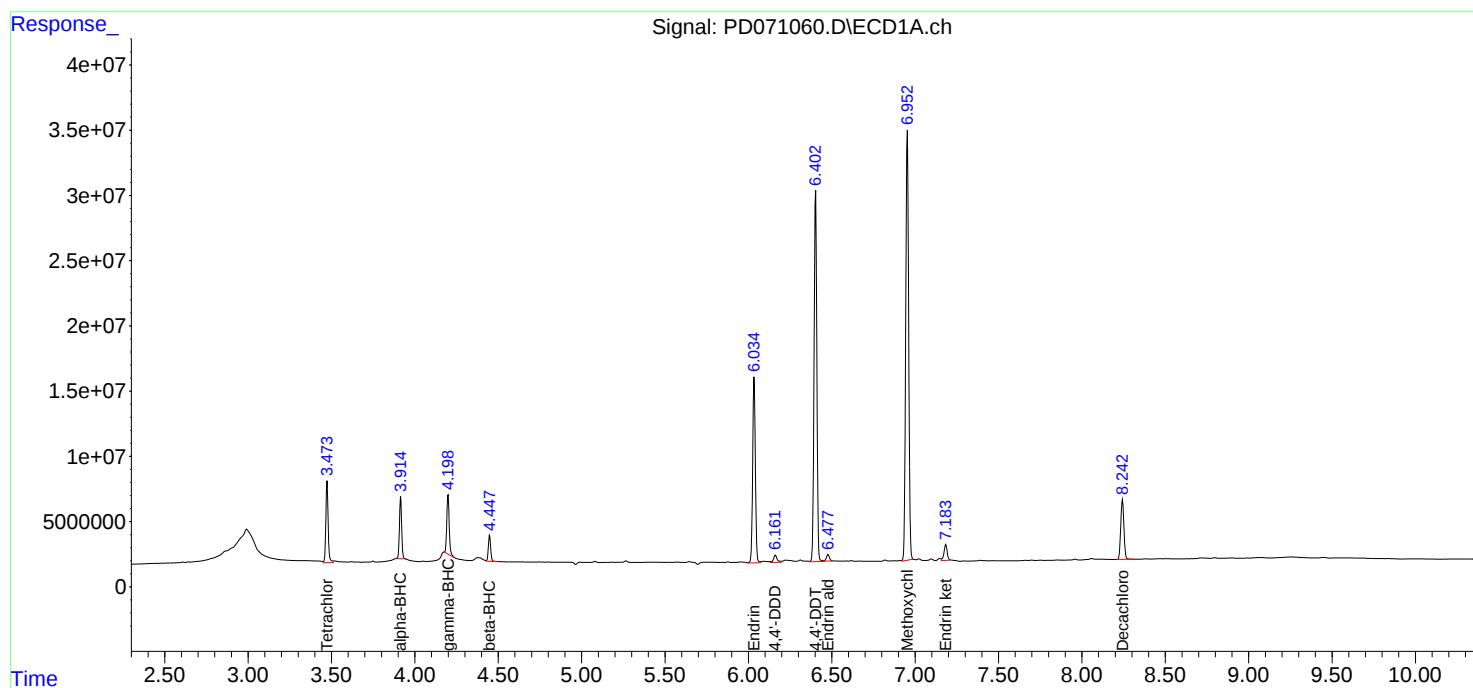
Instrument :
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ClientSampleId :
PEM

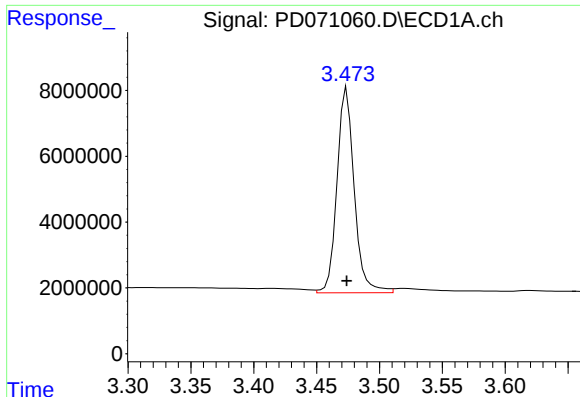
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Integration File signal 1: autoint1.e
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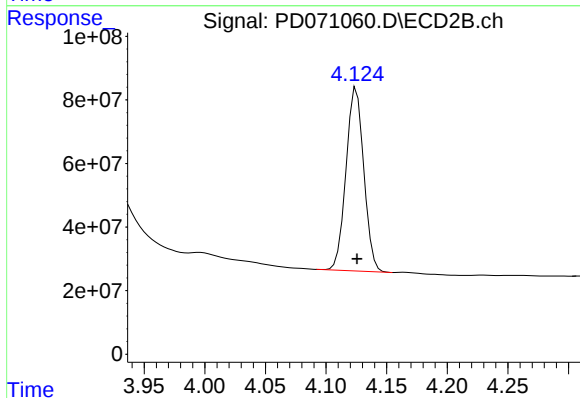
#1 Tetrachloro-m-xylene

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 59495471
Conc: 20.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

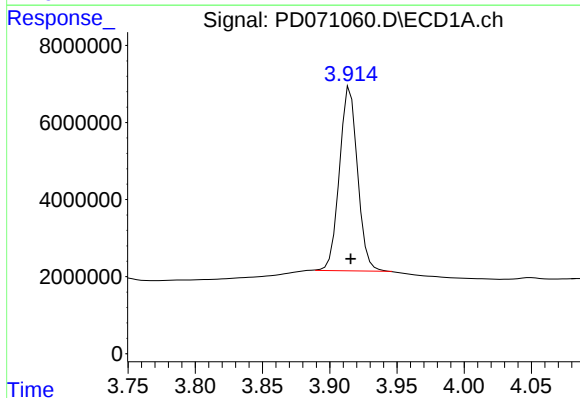
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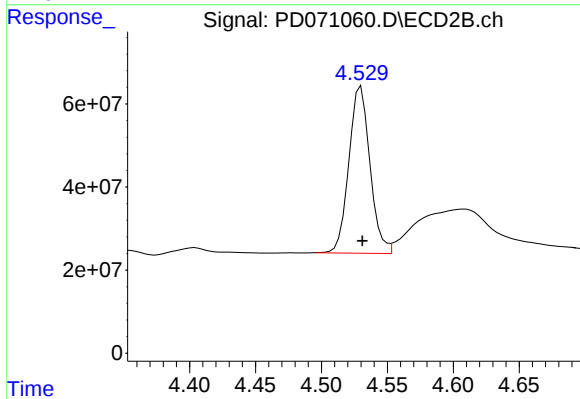
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 586437085
Conc: 20.28 ng/ml



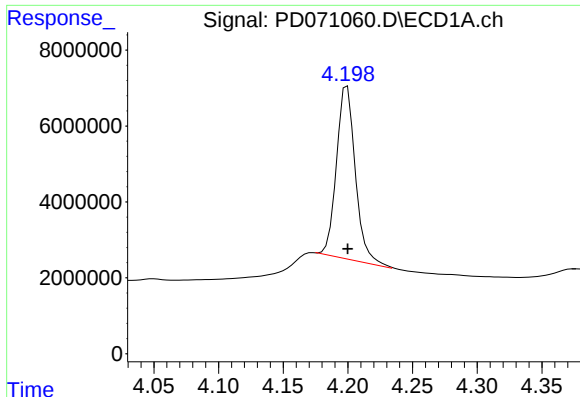
#2 alpha-BHC

R.T.: 3.914 min
Delta R.T.: -0.002 min
Response: 44550741
Conc: 10.15 ng/ml m



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 446802359
Conc: 11.79 ng/ml



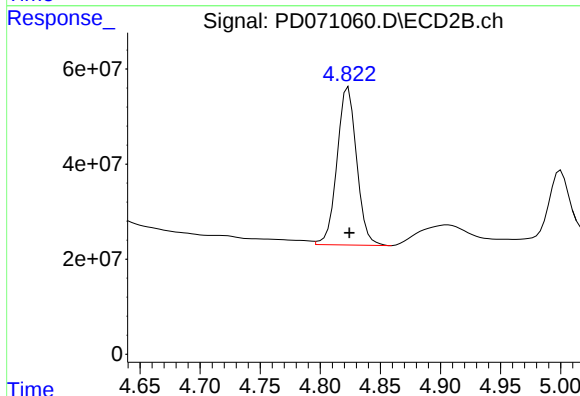
#3 gamma-BHC (Lindane)

R.T.: 4.198 min
Delta R.T.: -0.002 min
Response: 46138800
Conc: 10.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

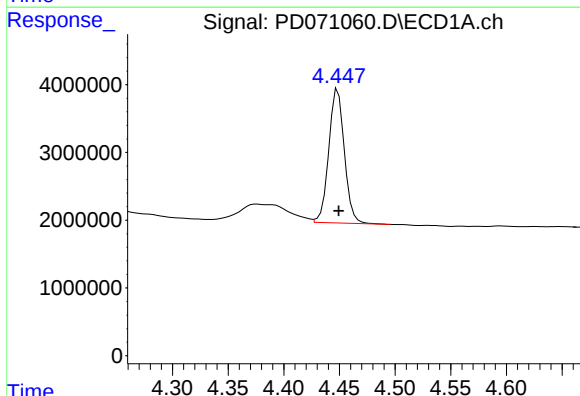
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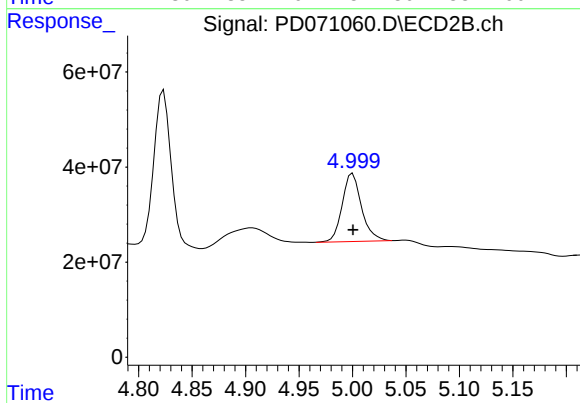
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 377748836
Conc: 12.65 ng/ml



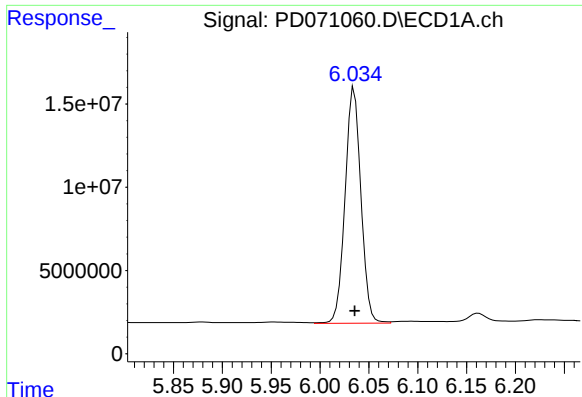
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 18965870
Conc: 11.35 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 180865591
Conc: 13.48 ng/ml



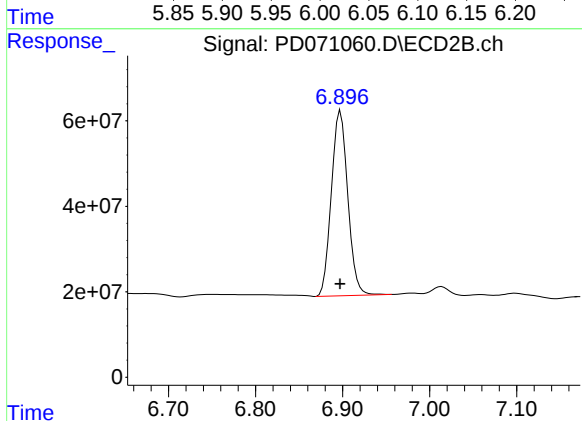
#14 Endrin

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 159936990
Conc: 51.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

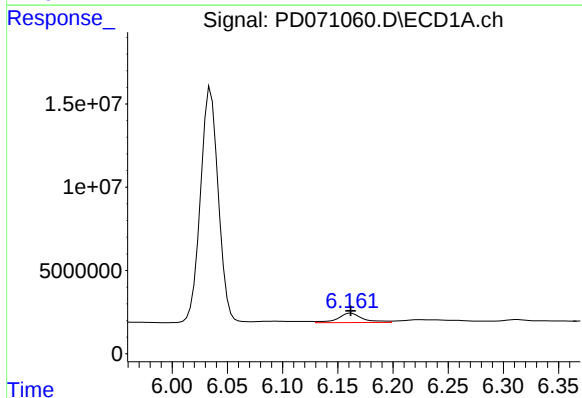
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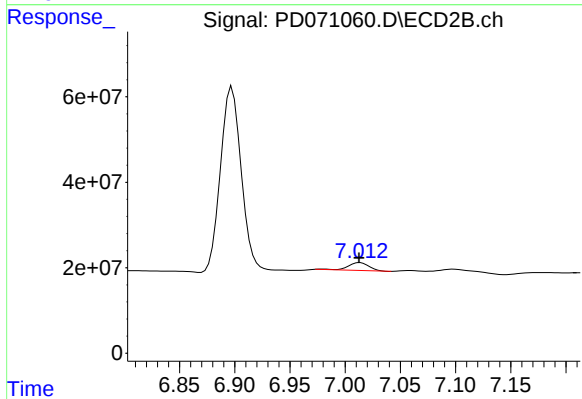
#14 Endrin

R.T.: 6.898 min
Delta R.T.: 0.000 min
Response: 568467572
Conc: 54.81 ng/ml



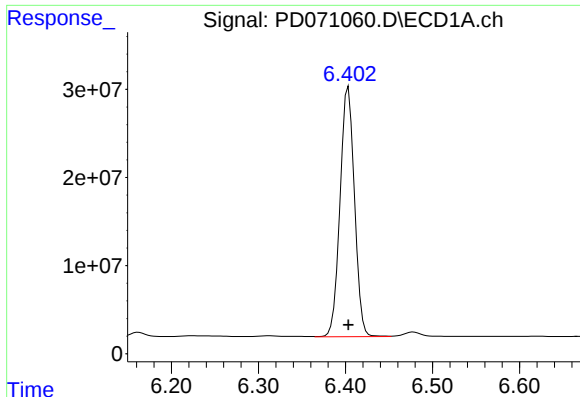
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 8934183
Conc: 3.04 ng/ml



#16 4,4'-DDD

R.T.: 7.014 min
Delta R.T.: 0.001 min
Response: 23927590
Conc: 1.92 ng/ml



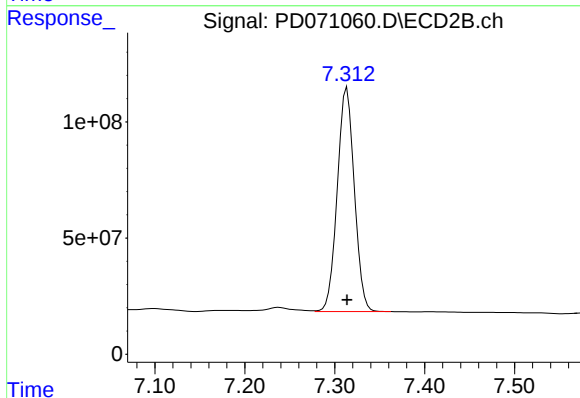
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 326770582
Conc: 106.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

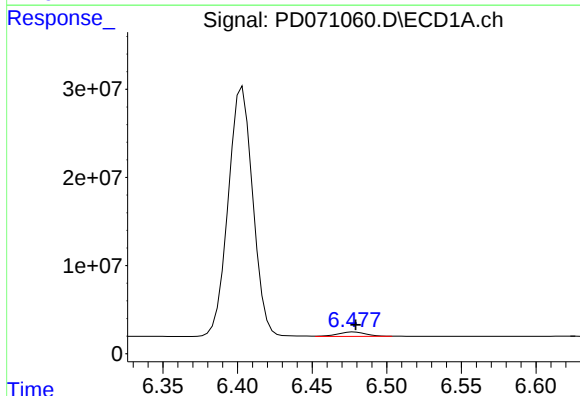
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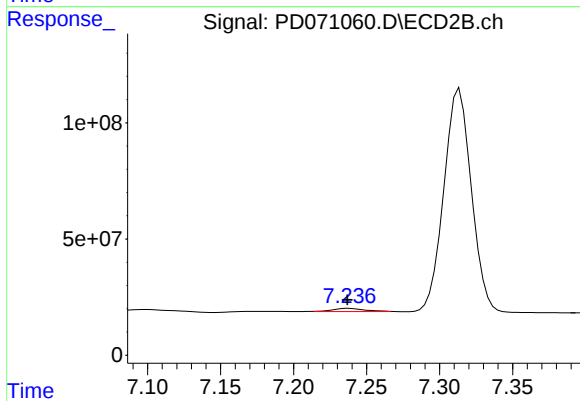
#17 4,4'-DDT

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 1271003239
Conc: 94.90 ng/ml



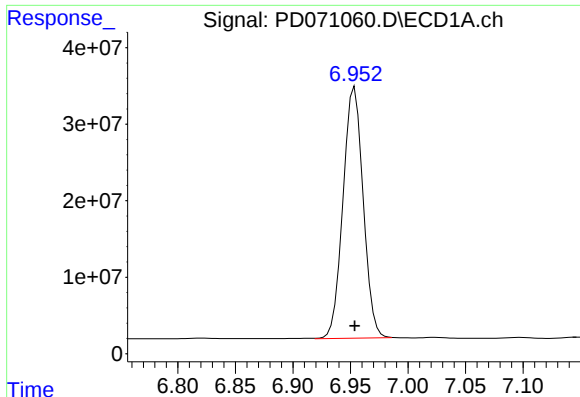
#18 Endrin aldehyde

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 6430429
Conc: 2.68 ng/ml m



#18 Endrin aldehyde

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 21257148
Conc: 2.11 ng/ml m



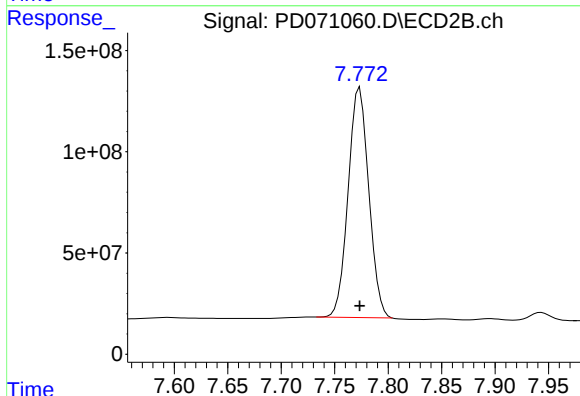
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 401989201
Conc: 243.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

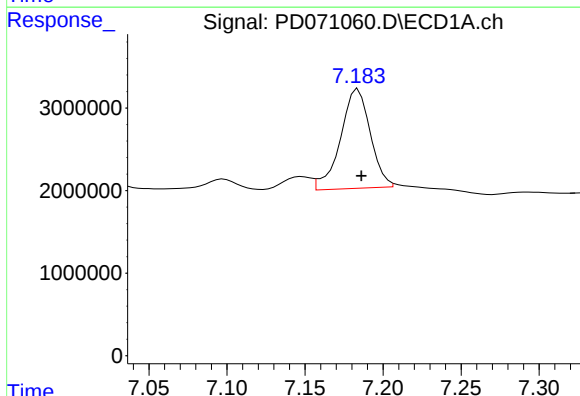
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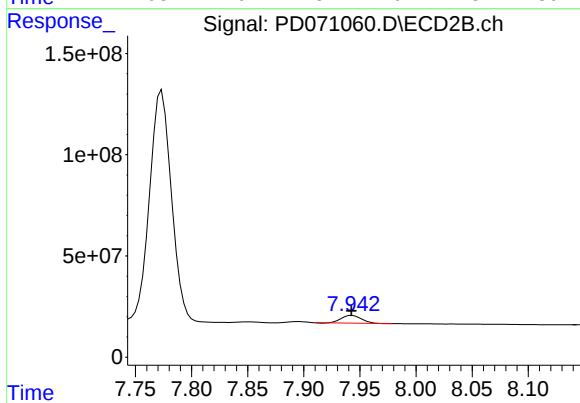
#20 Methoxychlor

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 1526385782
Conc: 222.13 ng/ml



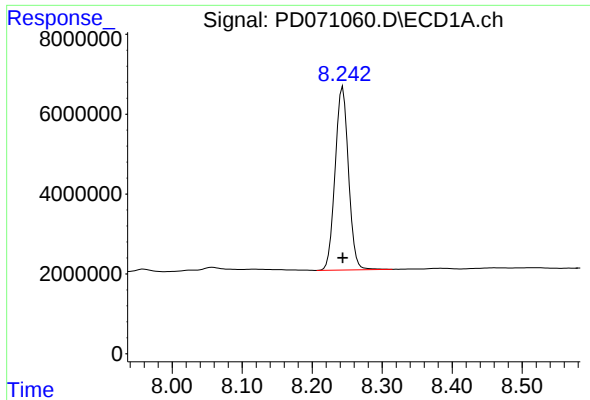
#21 Endrin ketone

R.T.: 7.183 min
Delta R.T.: -0.004 min
Response: 15854087
Conc: 4.58 ng/ml m



#21 Endrin ketone

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 47412192
Conc: 3.43 ng/ml



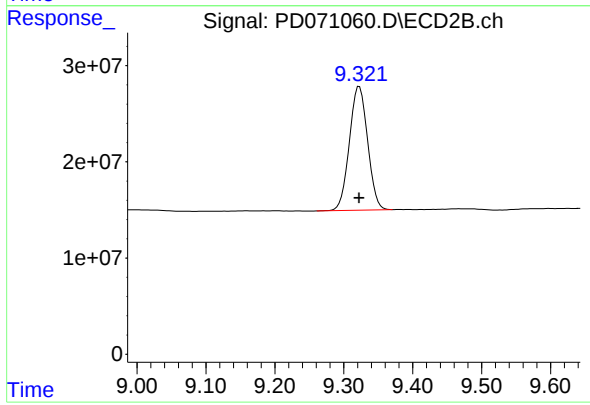
#28 Decachlorobiphenyl

R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 60863398
Conc: 19.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 9.323 min
Delta R.T.: 0.000 min
Response: 236805944
Conc: 20.76 ng/ml