

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072422\
 Data File : PD071130.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2022 11:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/25/2022
 Supervised By : Ankita Jodhani 07/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 17:09:42 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...	3.476	4.125	74335784	711.1E6	25.652	24.595
28)	SA Decachlor...	8.244	9.322	61674481	212.4E6	20.186m	18.620
Target Compounds							
2)	A alpha-BHC	3.916	4.530	48276053	478.7E6	11.004m	12.629
3)	MA gamma-BHC...	4.200	4.823	46038585	360.5E6	10.603m	12.069
6)	B beta-BHC	4.452	5.000	19461718	185.4E6	11.644	13.824
12)	B 4,4'-DDE	5.645	6.506	655416	2676678	0.186	0.178
14)	MA Endrin	6.036	6.896	168.2E6	561.0E6	53.879m	54.083
16)	A 4,4'-DDD	6.164	7.011	6170322	19974346	2.102m	1.606m
17)	MA 4,4'-DDT	6.405	7.313	315.3E6	1149.5E6	103.006m	85.828
18)	B Endrin al...	6.478	7.236	6797238	22396274	2.834m	2.221m
20)	A Methoxychlor	6.955	7.773	445.8E6	1368.0E6	269.669m	199.077 #
21)	B Endrin ke...	7.186	7.942	13172225	36289079	3.803m	2.622m#

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

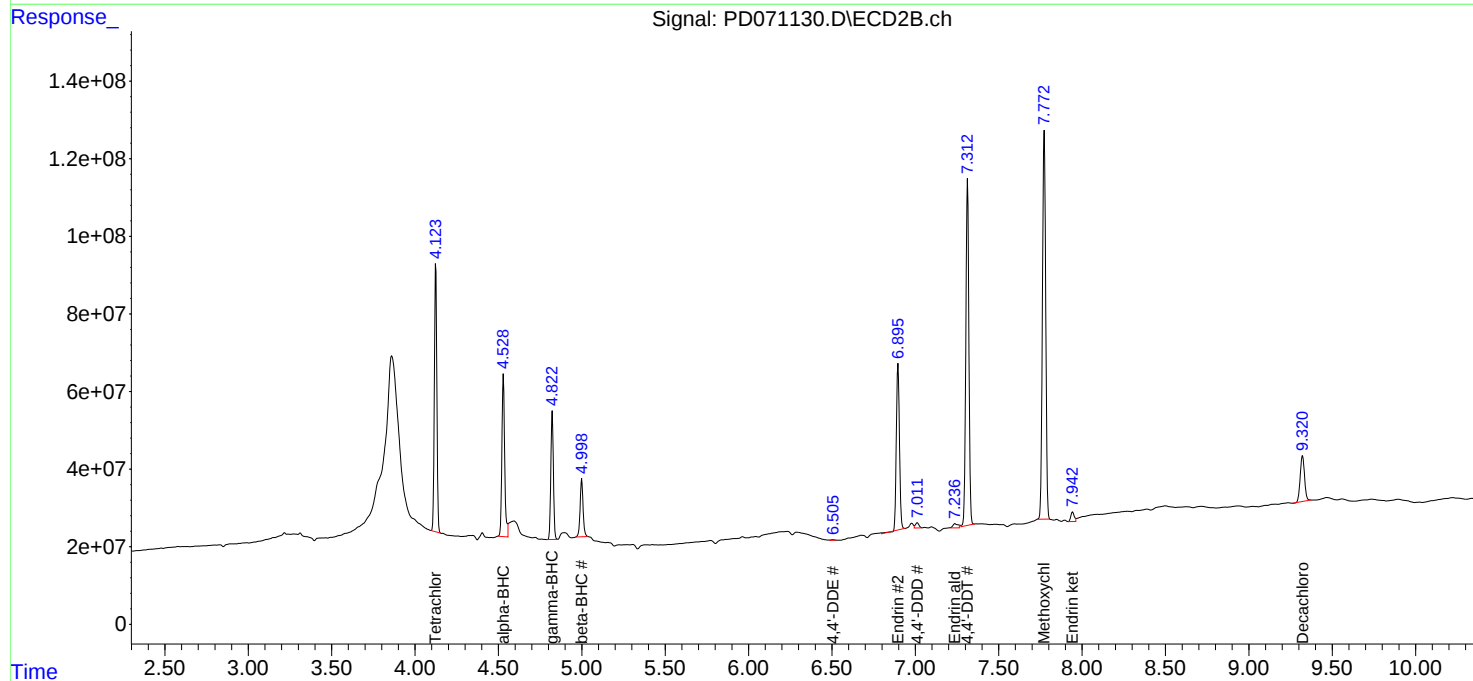
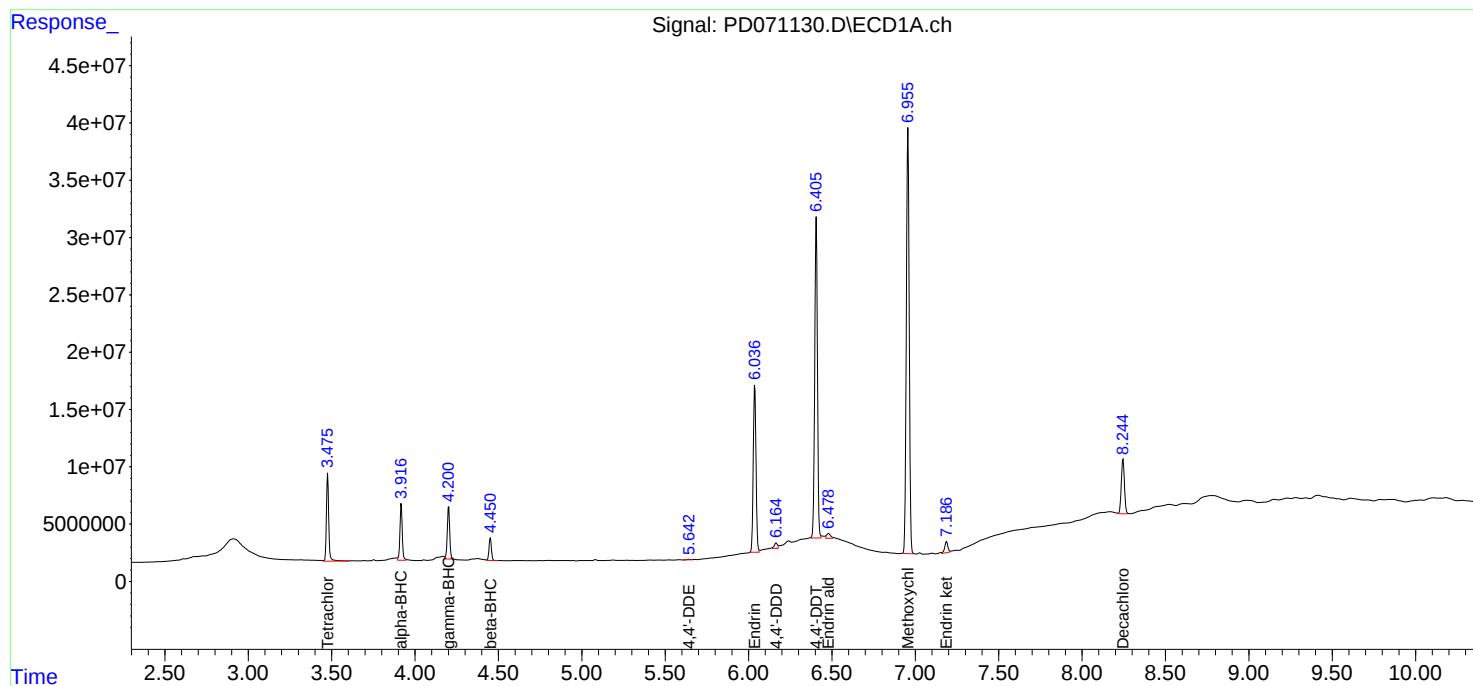
Instrument :
ECD_D
ClientSampleId :
PEM

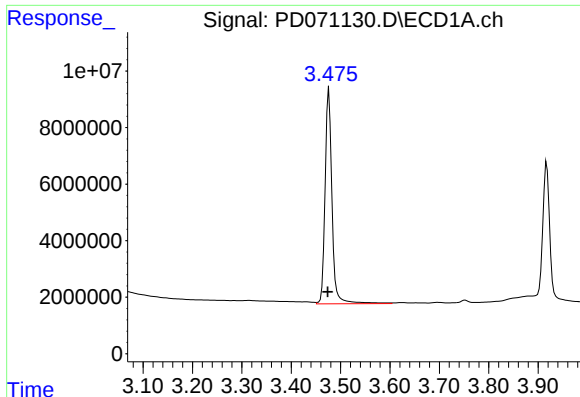
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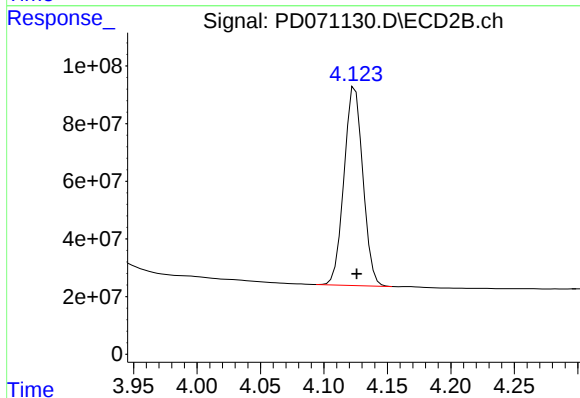
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.002 min
Response: 74335784
Conc: 25.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

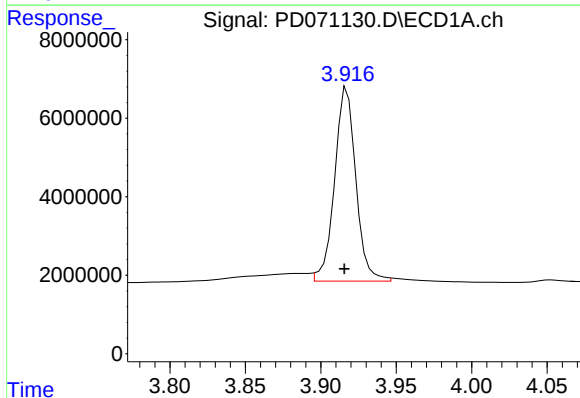
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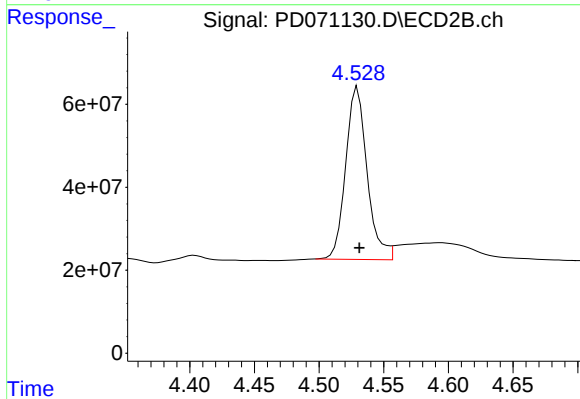
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: -0.001 min
Response: 711098480
Conc: 24.59 ng/ml



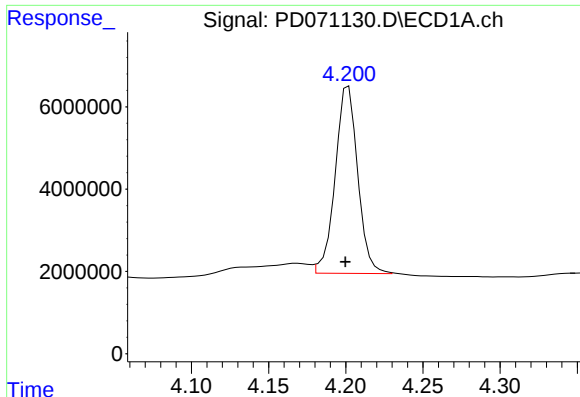
#2 alpha-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 48276053
Conc: 11.00 ng/ml m



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 478691144
Conc: 12.63 ng/ml



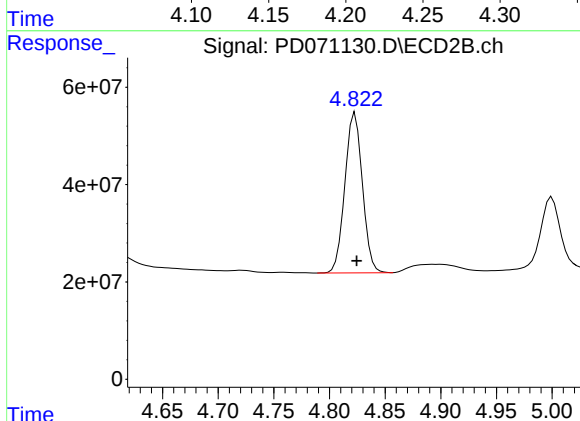
#3 gamma-BHC (Lindane)

R.T.: 4.200 min
Delta R.T.: 0.000 min
Response: 46038585
Conc: 10.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

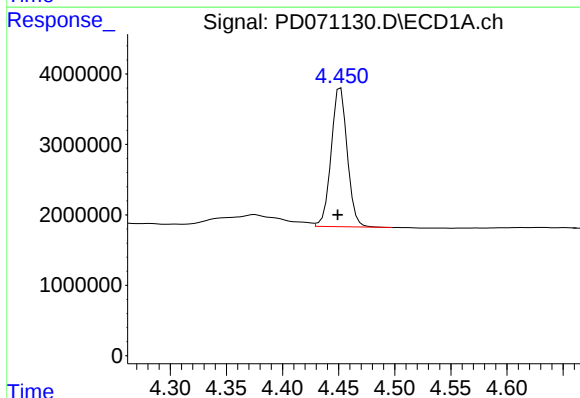
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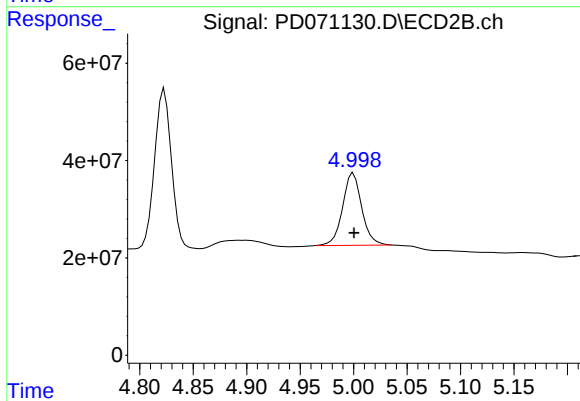
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 360476630
Conc: 12.07 ng/ml



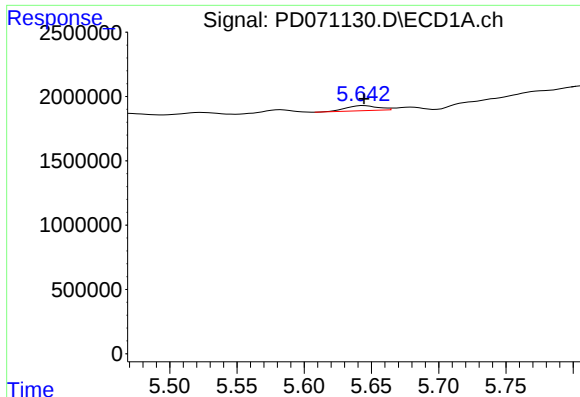
#6 beta-BHC

R.T.: 4.452 min
Delta R.T.: 0.002 min
Response: 19461718
Conc: 11.64 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 185421887
Conc: 13.82 ng/ml



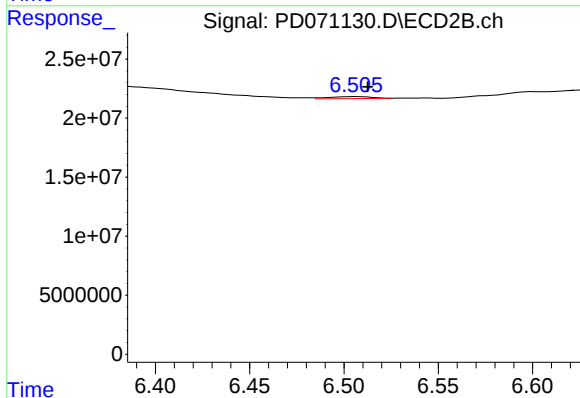
#12 4,4'-DDE

R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 655416
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

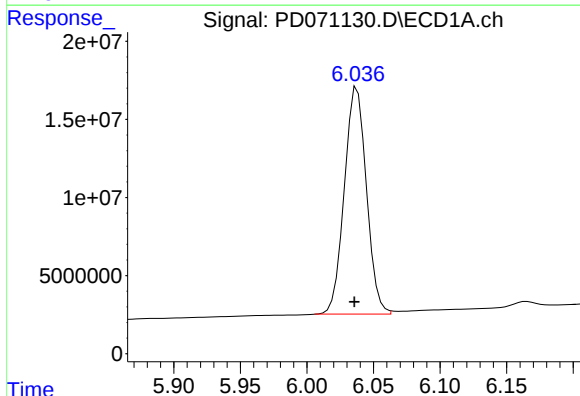
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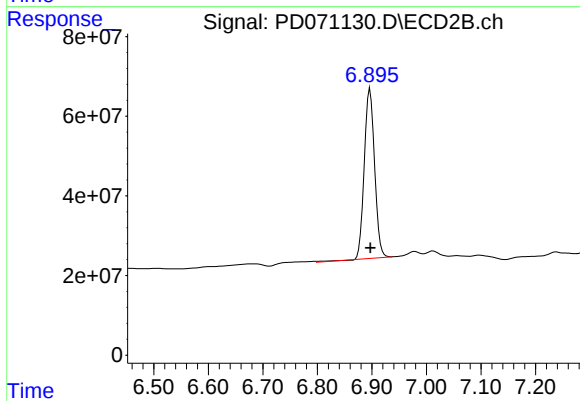
#12 4,4'-DDE

R.T.: 6.506 min
Delta R.T.: -0.006 min
Response: 2676678
Conc: 0.18 ng/ml



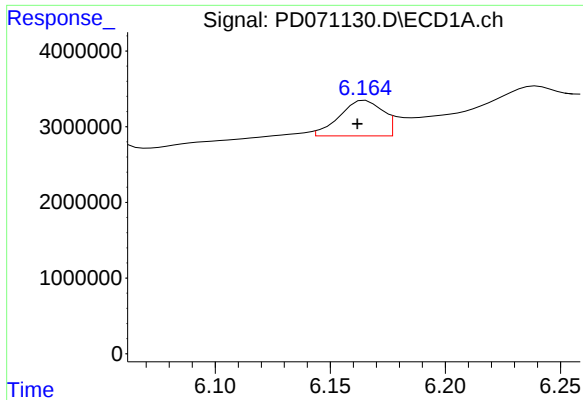
#14 Endrin

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 168249488
Conc: 53.88 ng/ml m



#14 Endrin

R.T.: 6.896 min
Delta R.T.: 0.000 min
Response: 560955903
Conc: 54.08 ng/ml



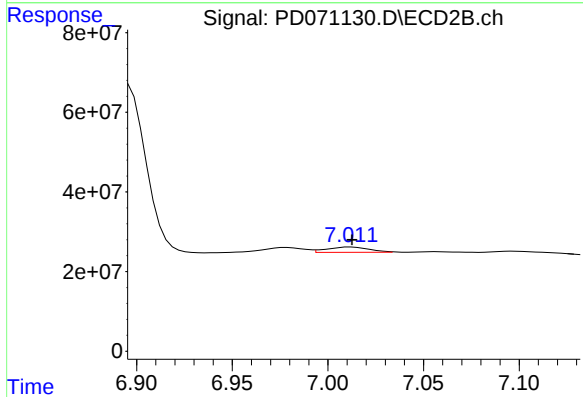
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.002 min
Response: 6170322
Conc: 2.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

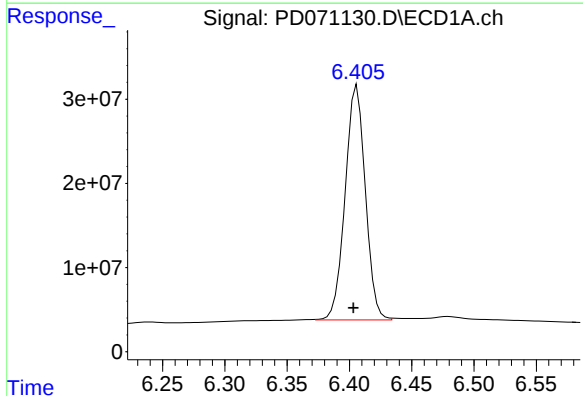
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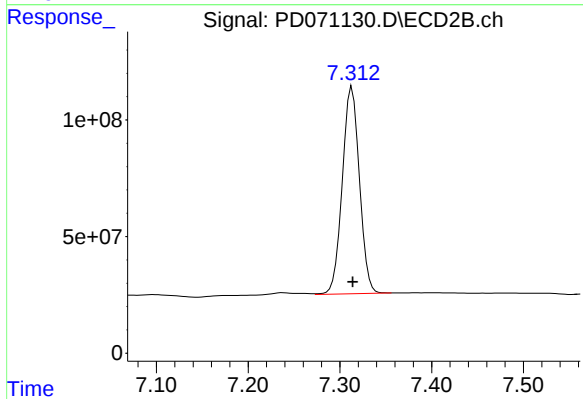
#16 4,4'-DDD

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 19974346
Conc: 1.61 ng/ml m



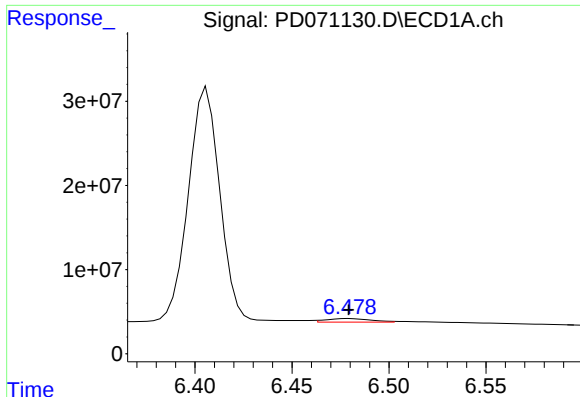
#17 4,4'-DDT

R.T.: 6.405 min
Delta R.T.: 0.001 min
Response: 315314732
Conc: 103.01 ng/ml m



#17 4,4'-DDT

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 1149533142
Conc: 85.83 ng/ml



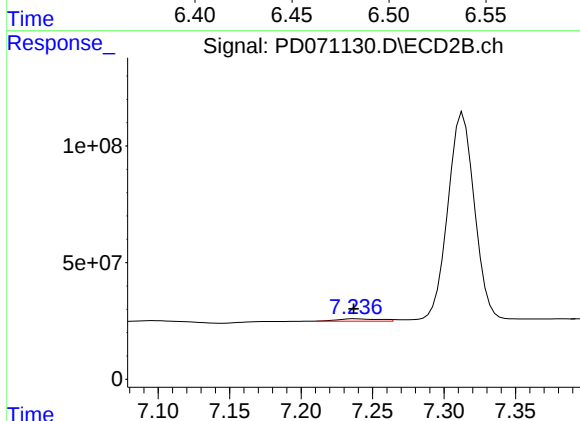
#18 Endrin aldehyde

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 6797238
Conc: 2.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

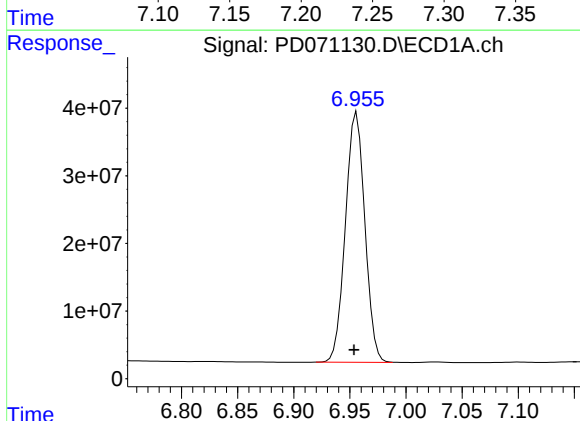
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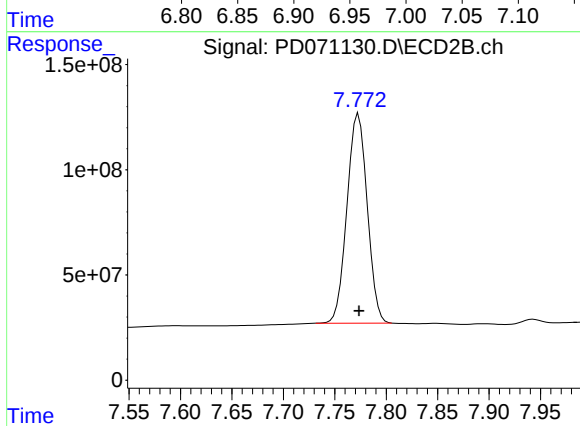
#18 Endrin aldehyde

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 22396274
Conc: 2.22 ng/ml m



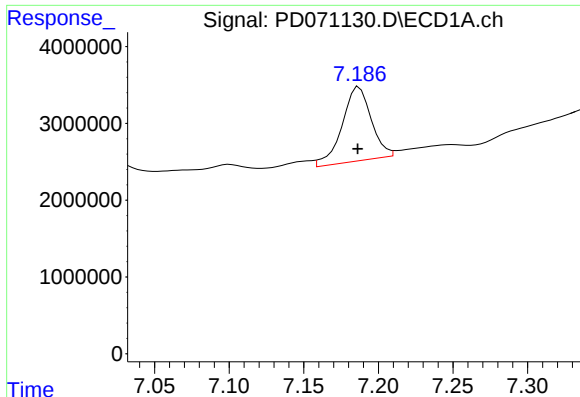
#20 Methoxychlor

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 445798204
Conc: 269.67 ng/ml m



#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 1367953762
Conc: 199.08 ng/ml



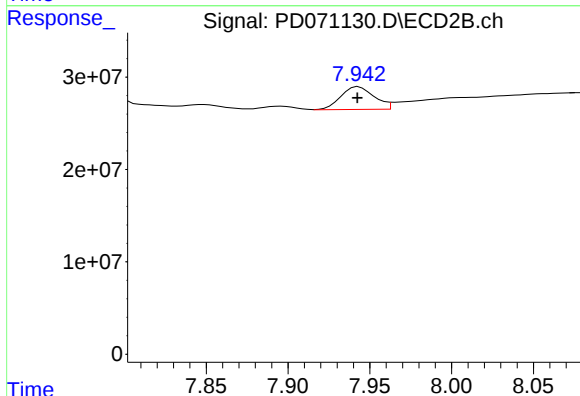
#21 Endrin ketone

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 13172225
Conc: 3.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

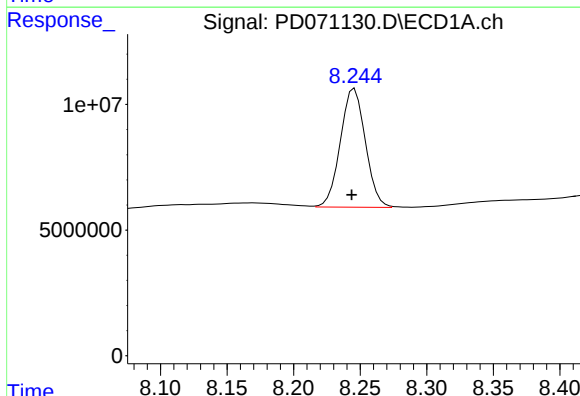
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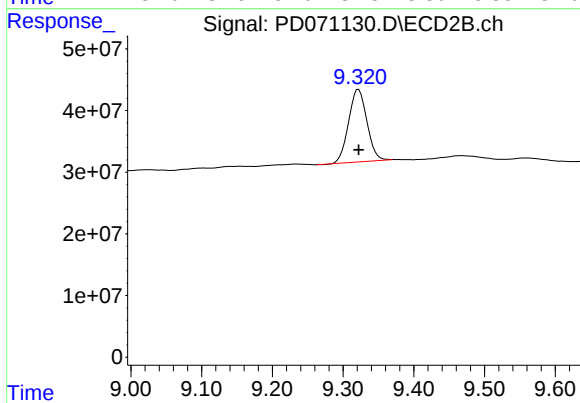
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 36289079
Conc: 2.62 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 61674481
Conc: 20.19 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.322 min
Delta R.T.: 0.000 min
Response: 212360750
Conc: 18.62 ng/ml