

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111921\
 Data File : PL071067.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2021 09:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/22/2021
 Supervised By :Ankita Jodhani 11/22/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 05:10:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.568	5.503	9735214	24836105	19.876	19.698
28)	SA Decachlor...	10.330	11.394	14310981	25337485	20.944	18.946
Target Compounds							
2)	A alpha-BHC	5.272	6.083	6219622	16963165	9.291m	9.215
3)	MA gamma-BHC...	5.695	6.479	5769688	15867313	8.601m	9.150
6)	B beta-BHC	6.077	6.735	3537334	8050381	10.890m	9.396
12)	B 4,4'-DDE	7.566	8.501	122884	375923	0.211m	0.255m
14)	MA Endrin	7.984	8.894	27974691	62029260	49.341	53.552
16)	A 4,4'-DDD	8.151	9.040	246740	482374	0.486m	0.401m
17)	MA 4,4'-DDT	8.413	9.356	55115225	127.3E6	100.214	100.881m
20)	A Methoxychlor	9.009	9.844	78341307	157.6E6	214.141	232.867
21)	B Endrin ke...	9.230	9.999	551895	832526	0.772m	0.580

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

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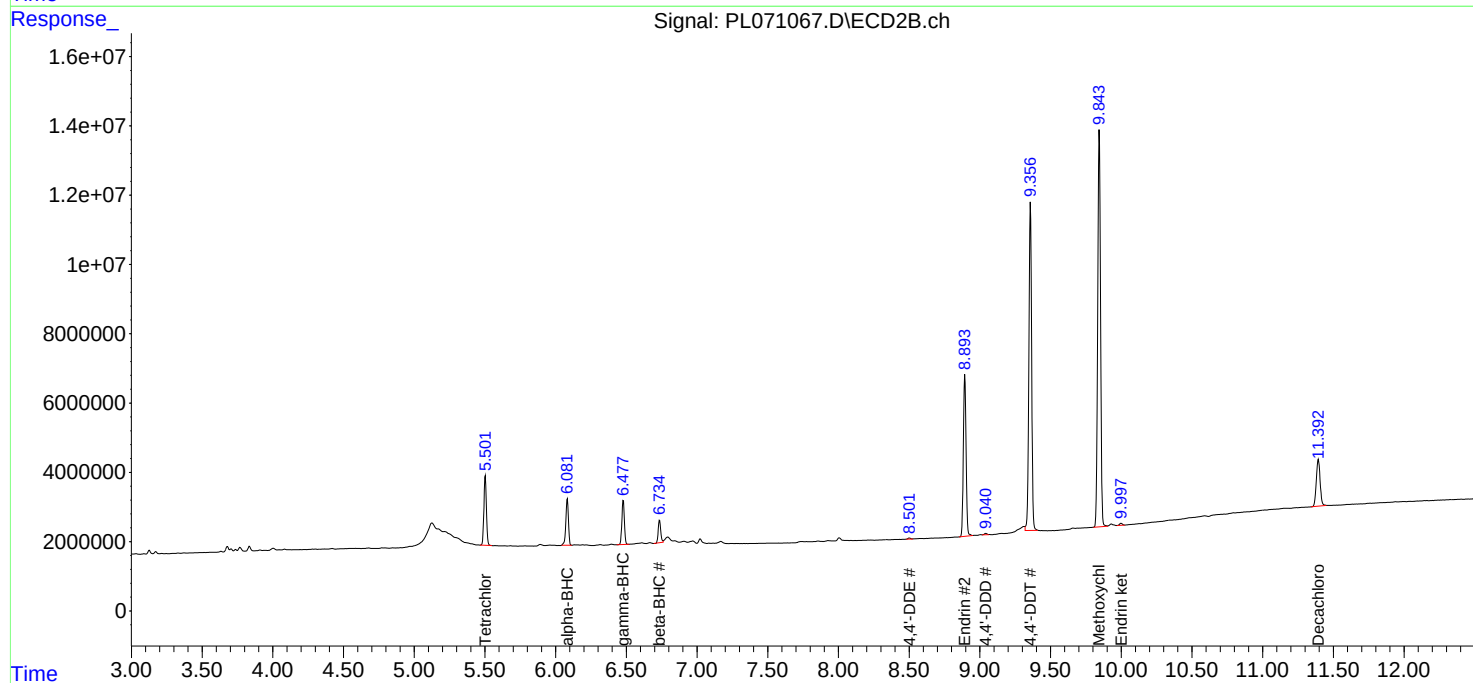
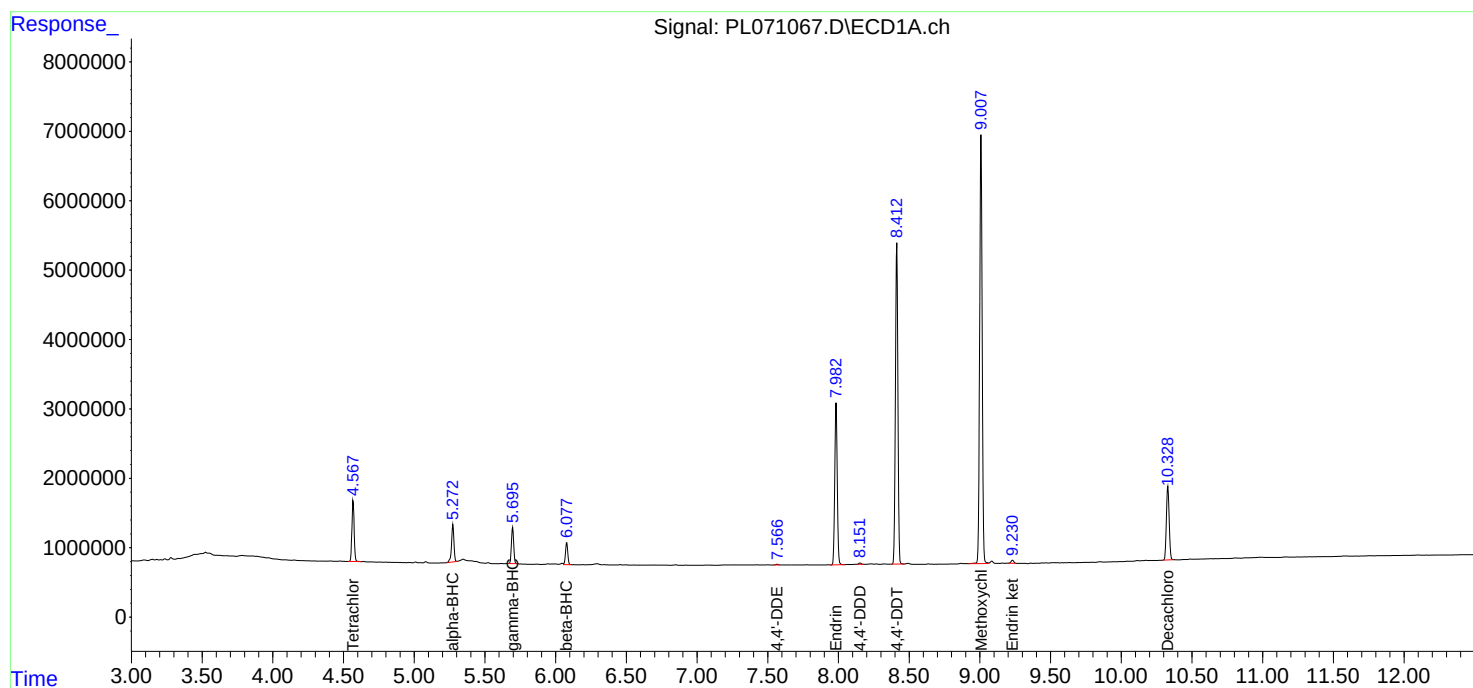
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PEM

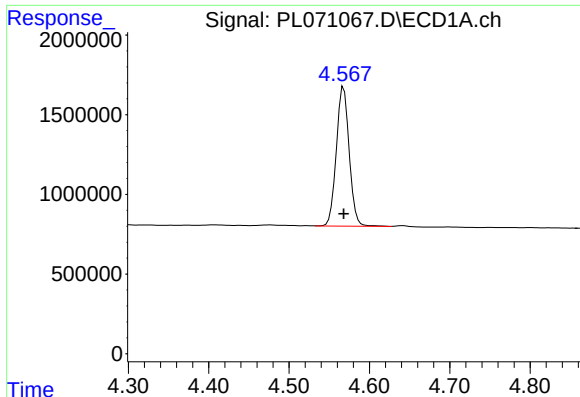
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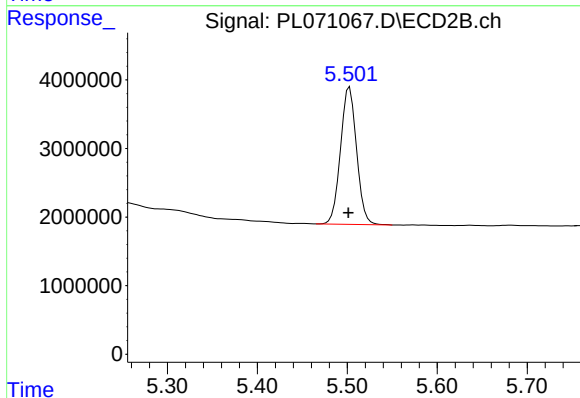
#1 Tetrachloro-m-xylene

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 9735214
Conc: 19.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

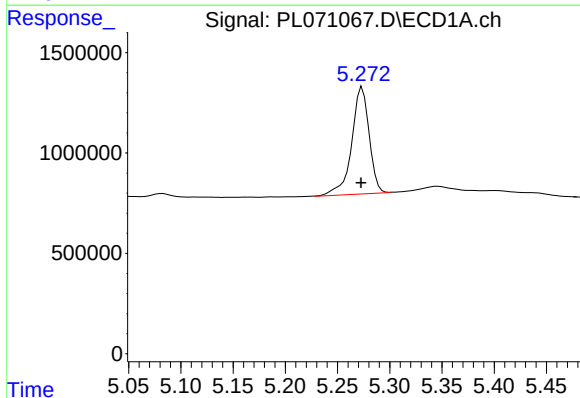
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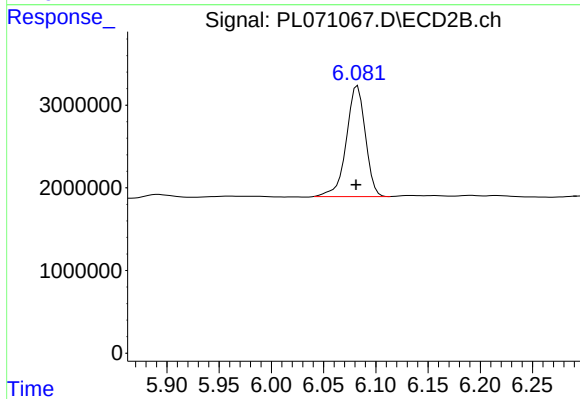
#1 Tetrachloro-m-xylene

R.T.: 5.503 min
Delta R.T.: 0.001 min
Response: 24836105
Conc: 19.70 ng/ml



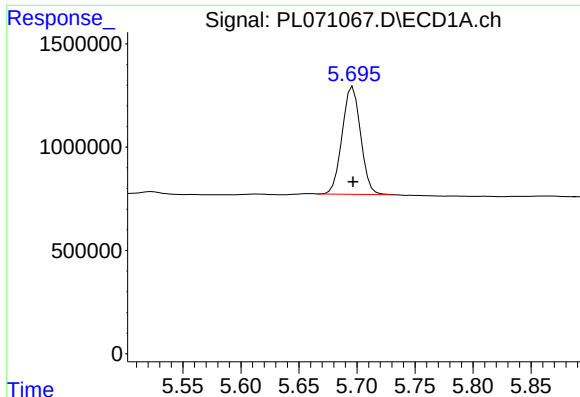
#2 alpha-BHC

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 6219622
Conc: 9.29 ng/ml m



#2 alpha-BHC

R.T.: 6.083 min
Delta R.T.: 0.001 min
Response: 16963165
Conc: 9.22 ng/ml



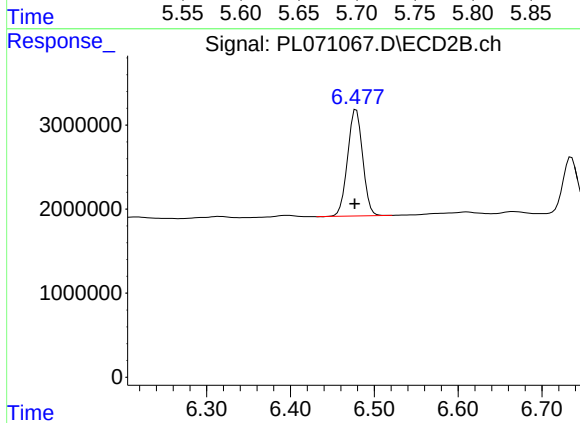
#3 gamma-BHC (Lindane)

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 5769688
Conc: 8.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

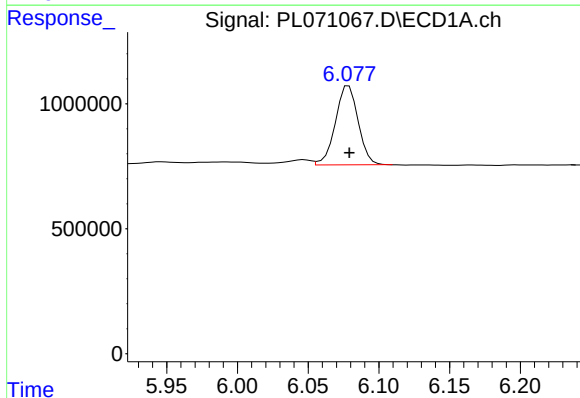
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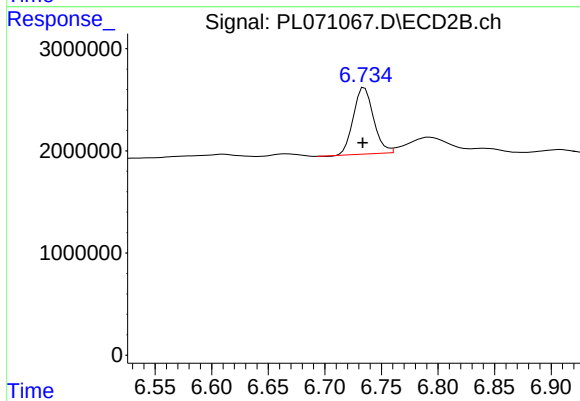
#3 gamma-BHC (Lindane)

R.T.: 6.479 min
Delta R.T.: 0.002 min
Response: 15867313
Conc: 9.15 ng/ml



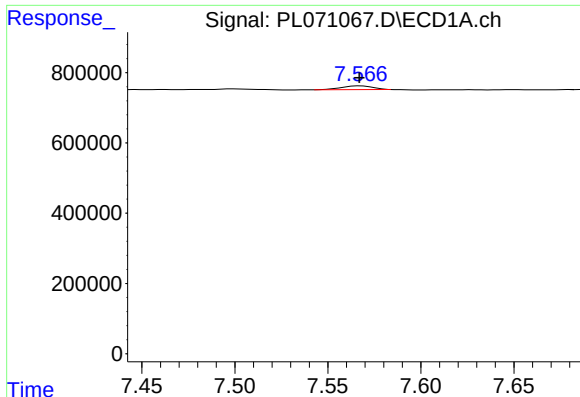
#6 beta-BHC

R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 3537334
Conc: 10.89 ng/ml m



#6 beta-BHC

R.T.: 6.735 min
Delta R.T.: 0.002 min
Response: 8050381
Conc: 9.40 ng/ml



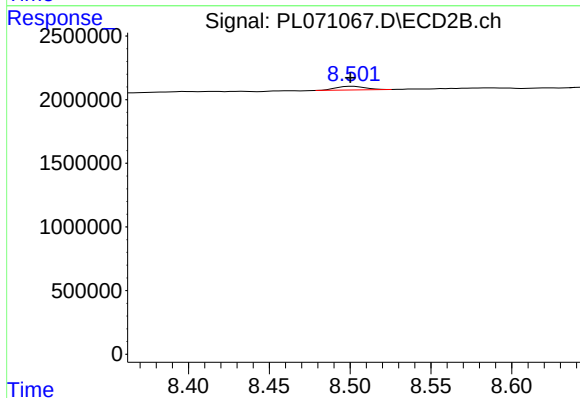
#12 4,4'-DDE

R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 122884
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

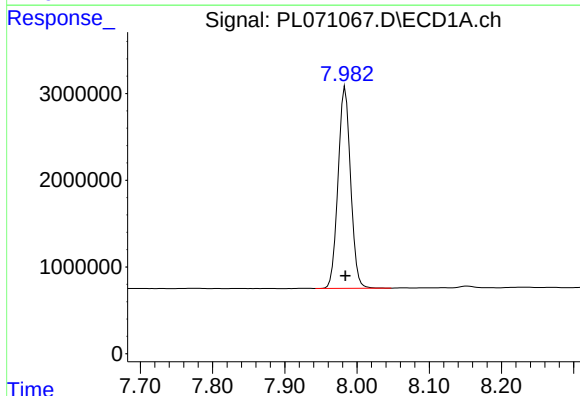
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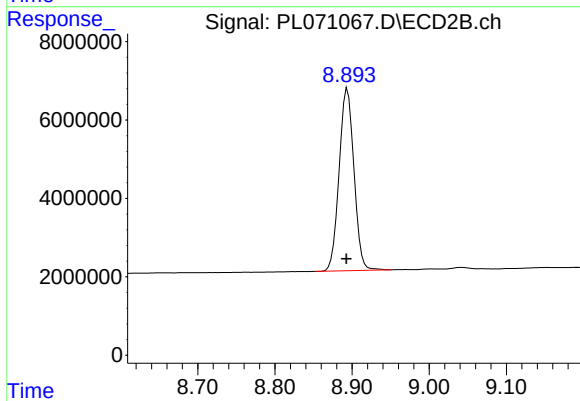
#12 4,4'-DDE

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 375923
Conc: 0.25 ng/ml m



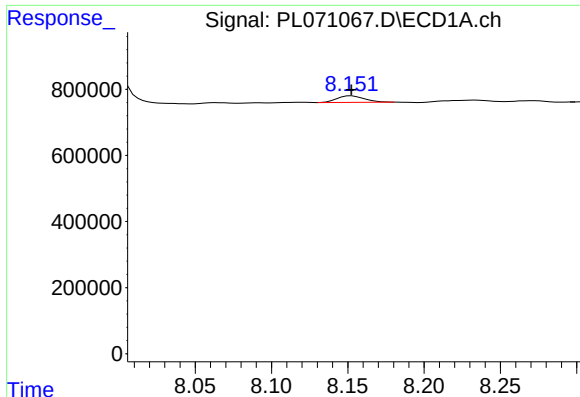
#14 Endrin

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 27974691
Conc: 49.34 ng/ml



#14 Endrin

R.T.: 8.894 min
Delta R.T.: 0.001 min
Response: 62029260
Conc: 53.55 ng/ml



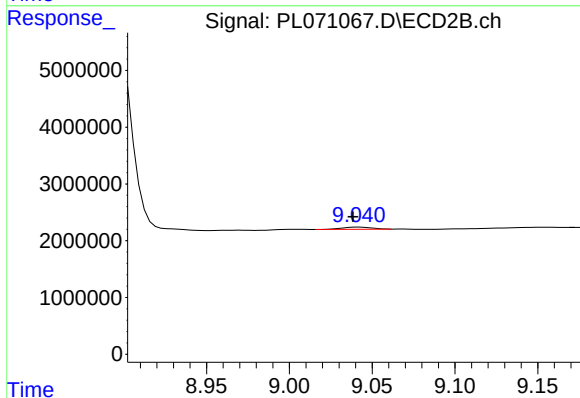
#16 4,4'-DDD

R.T.: 8.151 min
Delta R.T.: -0.002 min
Response: 246740
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

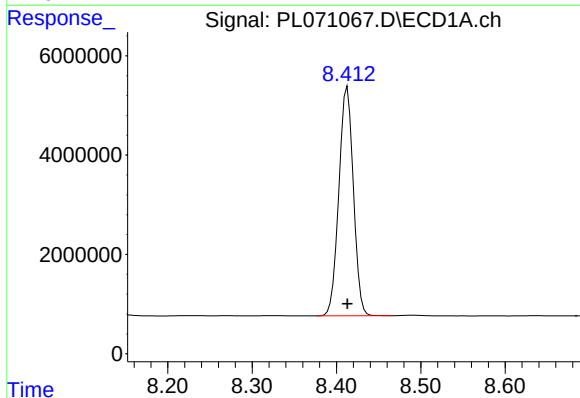
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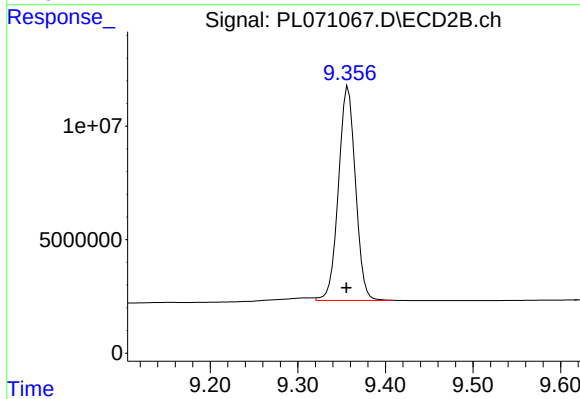
#16 4,4'-DDD

R.T.: 9.040 min
Delta R.T.: 0.002 min
Response: 482374
Conc: 0.40 ng/ml m



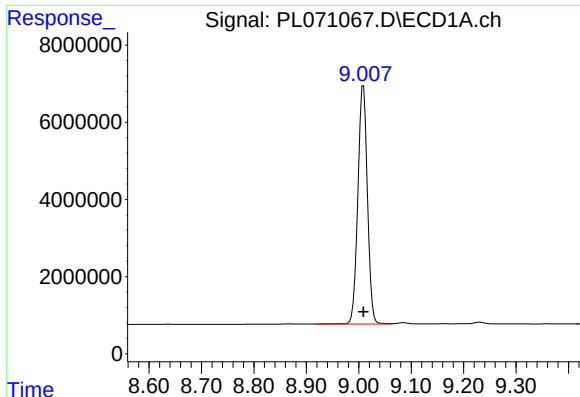
#17 4,4'-DDT

R.T.: 8.413 min
Delta R.T.: 0.000 min
Response: 55115225
Conc: 100.21 ng/ml



#17 4,4'-DDT

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 127268517
Conc: 100.88 ng/ml m



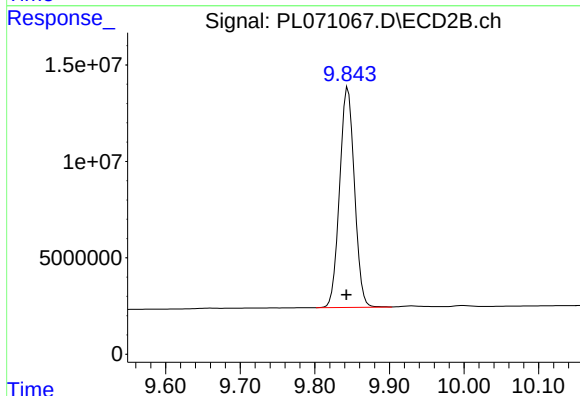
#20 Methoxychlor

R.T.: 9.009 min
Delta R.T.: 0.000 min
Response: 78341307
Conc: 214.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

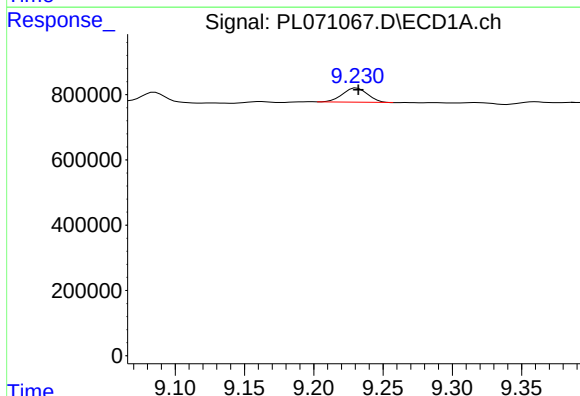
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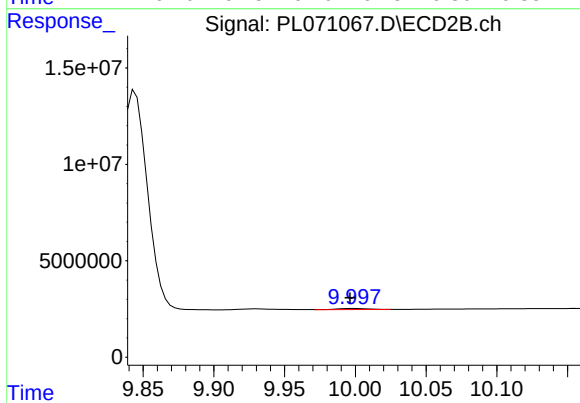
#20 Methoxychlor

R.T.: 9.844 min
Delta R.T.: 0.002 min
Response: 157604763
Conc: 232.87 ng/ml



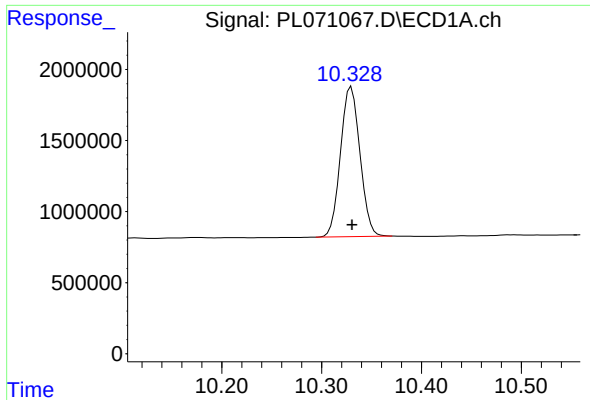
#21 Endrin ketone

R.T.: 9.230 min
Delta R.T.: -0.003 min
Response: 551895
Conc: 0.77 ng/ml m



#21 Endrin ketone

R.T.: 9.999 min
Delta R.T.: 0.003 min
Response: 832526
Conc: 0.58 ng/ml



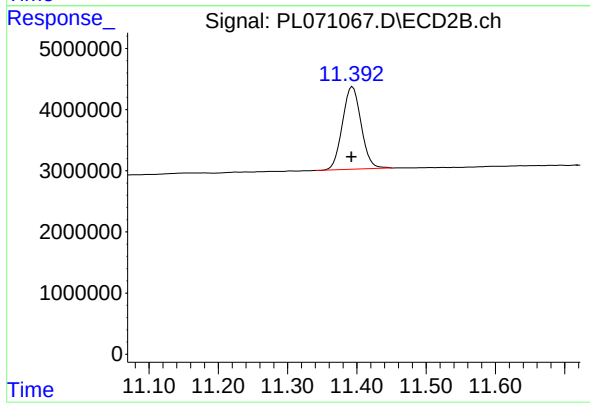
#28 Decachlorobiphenyl

R.T.: 10.330 min
Delta R.T.: 0.000 min
Response: 14310981
Conc: 20.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 11.394 min
Delta R.T.: 0.002 min
Response: 25337485
Conc: 18.95 ng/ml