

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112921\
 Data File : PL071170.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2021 11:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/30/2021
 Supervised By : mohammad ahmed 11/30/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 21:03:00 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	5.504	10163979	25172746	20.751	19.965
28)	SA Decachlor...	10.334	11.400	14754938	24975037	21.594	18.675
Target Compounds							
2)	A alpha-BHC	5.275	6.085	6333691	16886008	9.462	9.173
3)	MA gamma-BHC...	5.698	6.481	6101031	15951913	9.095	9.199
6)	B beta-BHC	6.080	6.738	3281464	10732073	10.102	12.525
12)	B 4,4'-DDE	7.568	8.504	132103	328495	0.227m	0.223m
14)	MA Endrin	7.987	8.898	29346329	60554123	51.760	52.278
16)	A 4,4'-DDD	8.155	9.044	450306	747865	0.886	0.621m#
17)	MA 4,4'-DDT	8.416	9.362	52192867	131.0E6	94.900	103.827
20)	A Methoxychlor	9.010	9.848	64679883	133.9E6	176.798m	197.849
21)	B Endrin ke...	9.235	10.003	786672	994735	1.100	0.693 #

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

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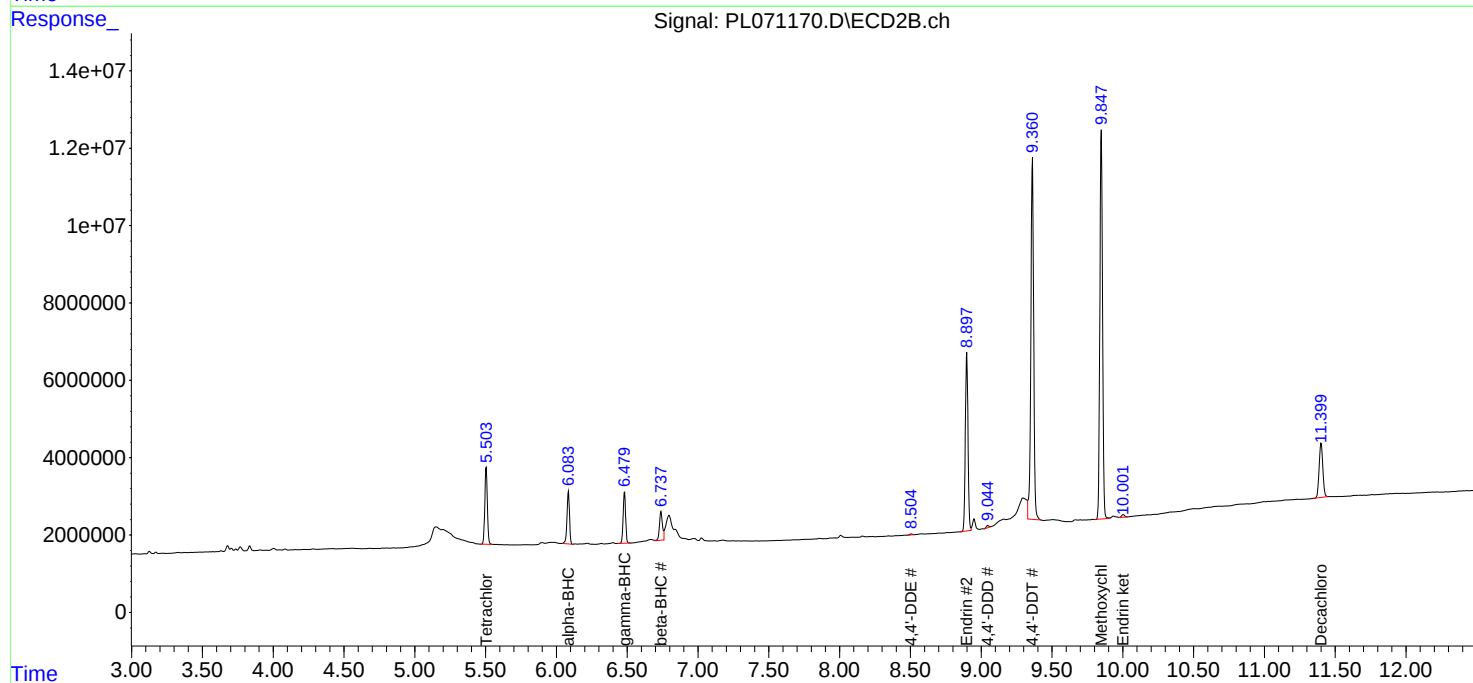
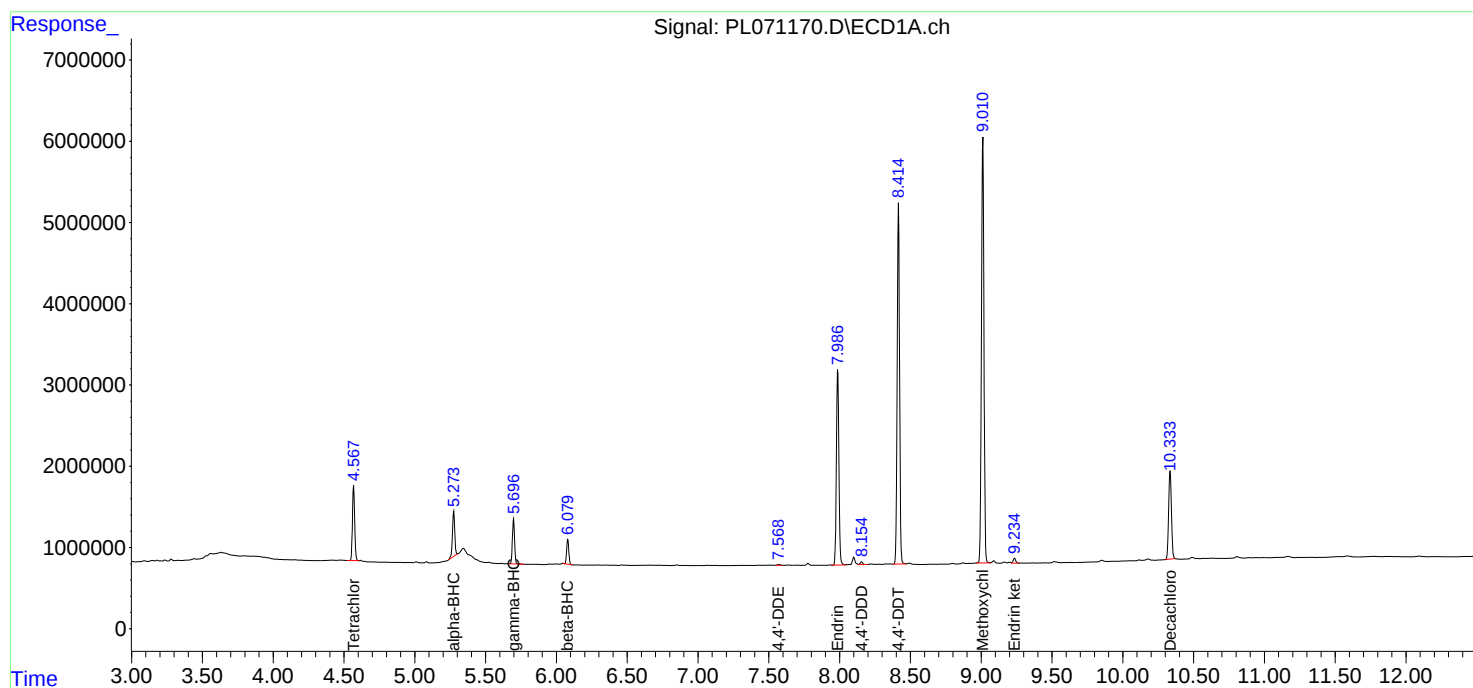
Instrument :
ECD_L
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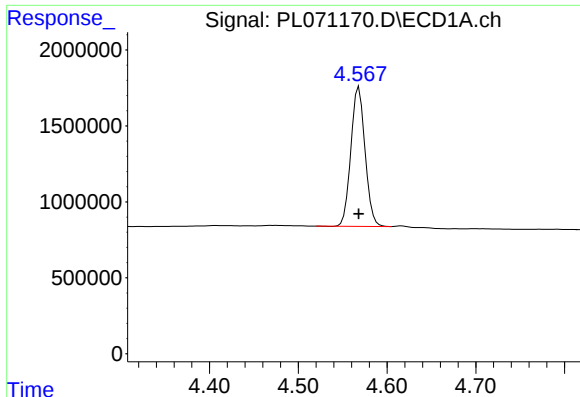
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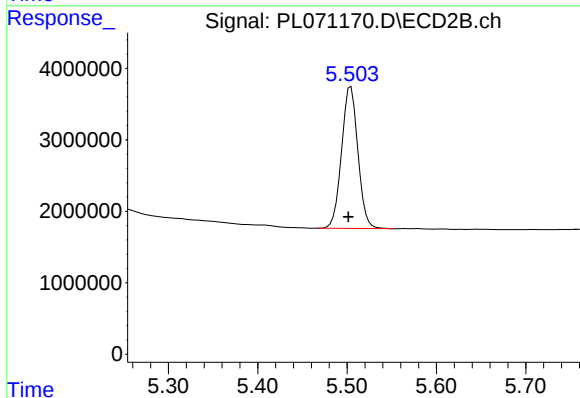
#1 Tetrachloro-m-xylene

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 10163979
Conc: 20.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

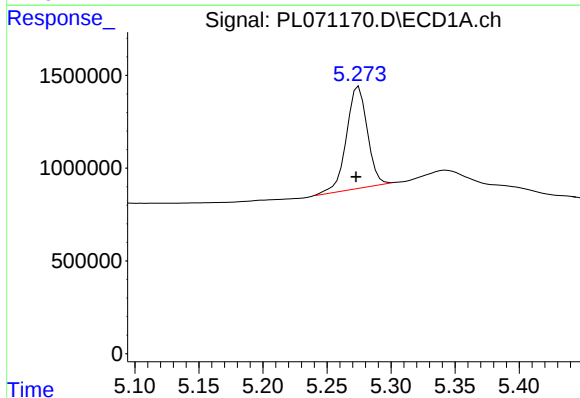
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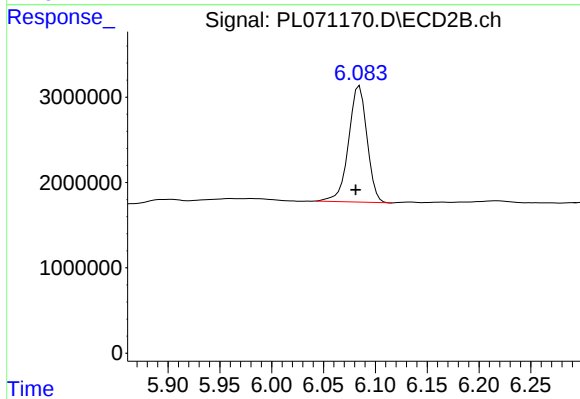
#1 Tetrachloro-m-xylene

R.T.: 5.504 min
Delta R.T.: 0.003 min
Response: 25172746
Conc: 19.96 ng/ml



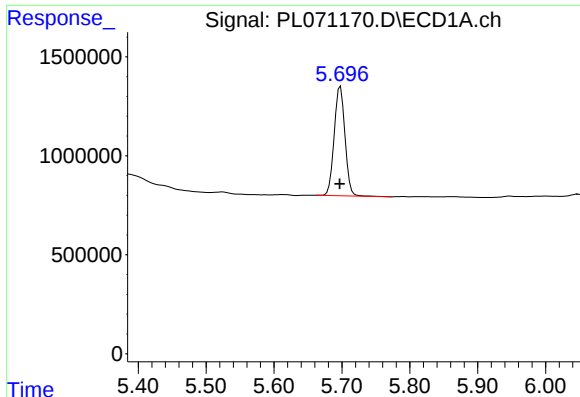
#2 alpha-BHC

R.T.: 5.275 min
Delta R.T.: 0.002 min
Response: 6333691
Conc: 9.46 ng/ml



#2 alpha-BHC

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 16886008
Conc: 9.17 ng/ml



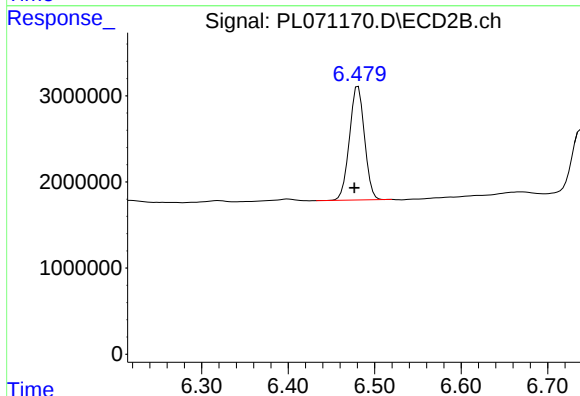
#3 gamma-BHC (Lindane)

R.T.: 5.698 min
Delta R.T.: 0.001 min
Response: 6101031
Conc: 9.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

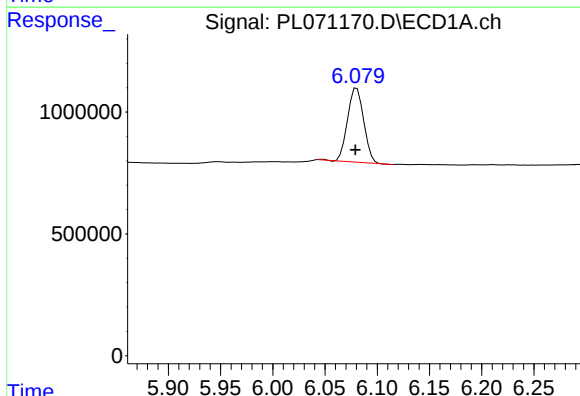
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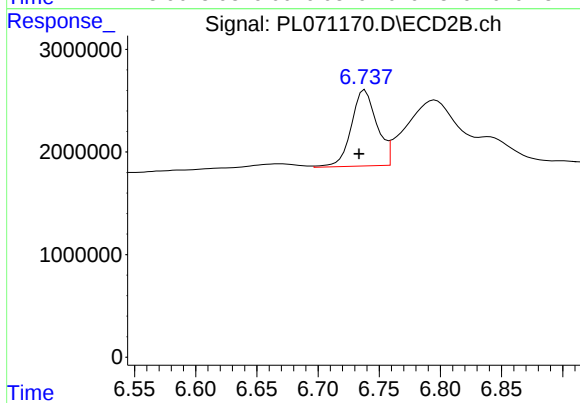
#3 gamma-BHC (Lindane)

R.T.: 6.481 min
Delta R.T.: 0.004 min
Response: 15951913
Conc: 9.20 ng/ml



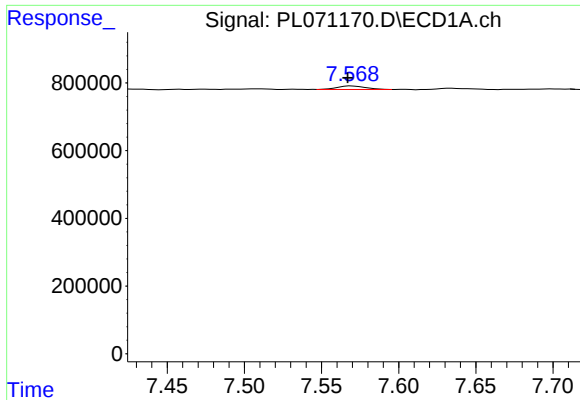
#6 beta-BHC

R.T.: 6.080 min
Delta R.T.: 0.001 min
Response: 3281464
Conc: 10.10 ng/ml



#6 beta-BHC

R.T.: 6.738 min
Delta R.T.: 0.005 min
Response: 10732073
Conc: 12.53 ng/ml



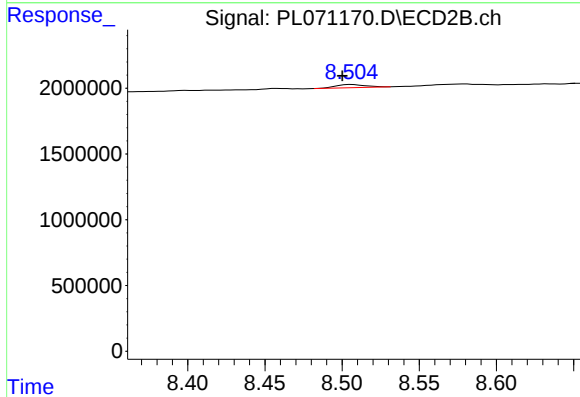
#12 4,4'-DDE

R.T.: 7.568 min
Delta R.T.: 0.001 min
Response: 132103
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

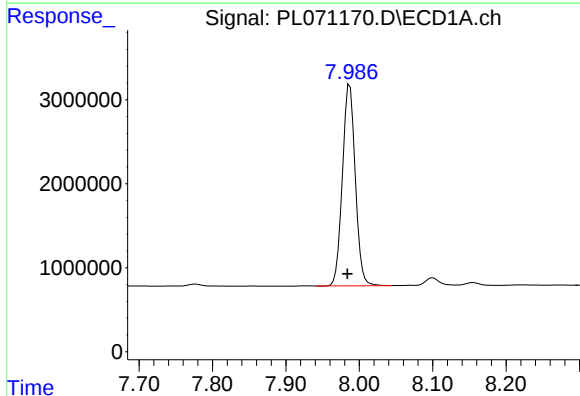
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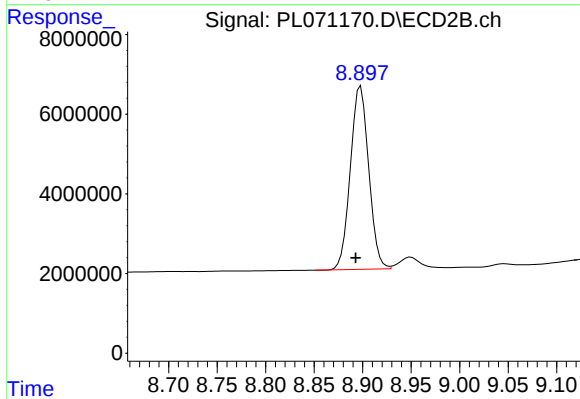
#12 4,4'-DDE

R.T.: 8.504 min
Delta R.T.: 0.004 min
Response: 328495
Conc: 0.22 ng/ml m



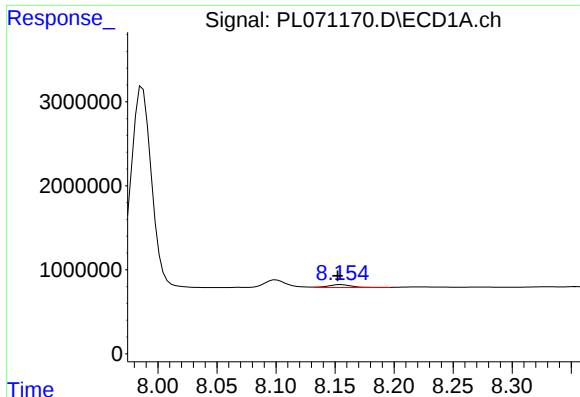
#14 Endrin

R.T.: 7.987 min
Delta R.T.: 0.003 min
Response: 29346329
Conc: 51.76 ng/ml



#14 Endrin

R.T.: 8.898 min
Delta R.T.: 0.005 min
Response: 60554123
Conc: 52.28 ng/ml



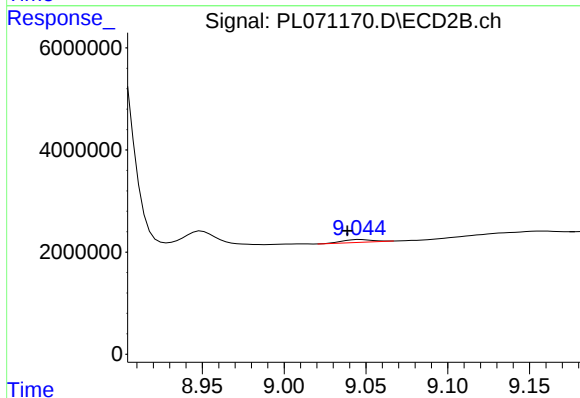
#16 4,4'-DDD

R.T.: 8.155 min
Delta R.T.: 0.003 min
Response: 450306
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

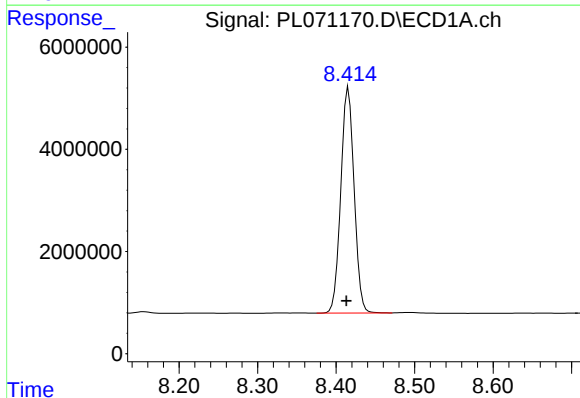
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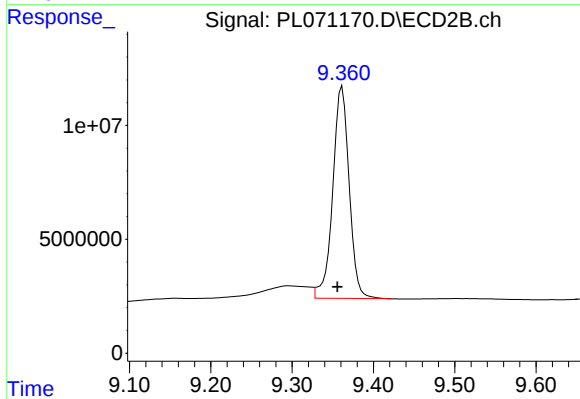
#16 4,4'-DDD

R.T.: 9.044 min
Delta R.T.: 0.006 min
Response: 747865
Conc: 0.62 ng/ml m



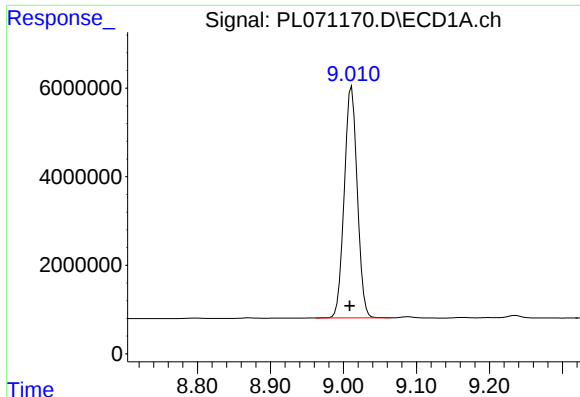
#17 4,4'-DDT

R.T.: 8.416 min
Delta R.T.: 0.003 min
Response: 52192867
Conc: 94.90 ng/ml



#17 4,4'-DDT

R.T.: 9.362 min
Delta R.T.: 0.006 min
Response: 130985117
Conc: 103.83 ng/ml



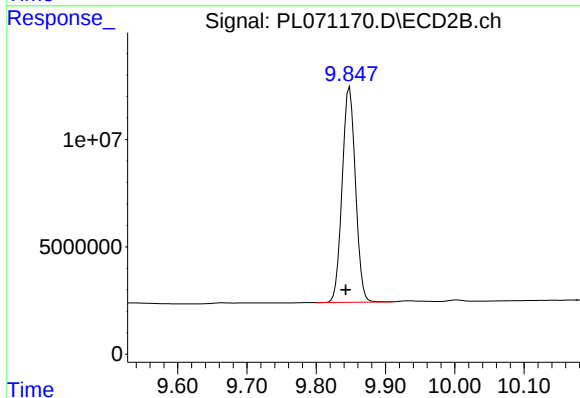
#20 Methoxychlor

R.T.: 9.010 min
Delta R.T.: 0.001 min
Response: 64679883
Conc: 176.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

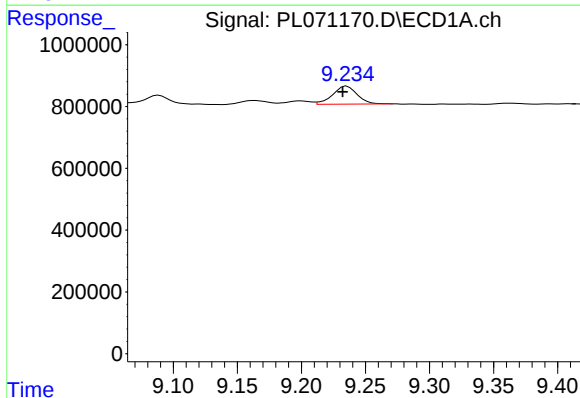
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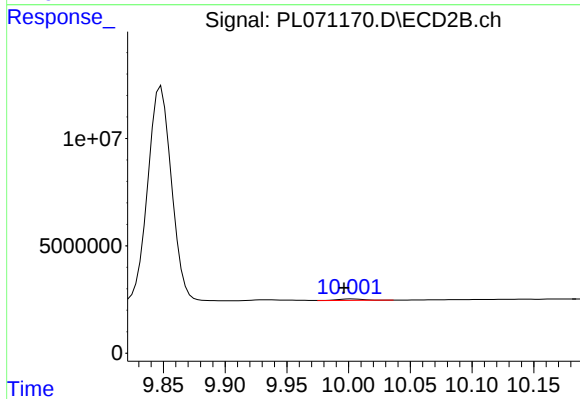
#20 Methoxychlor

R.T.: 9.848 min
Delta R.T.: 0.006 min
Response: 133904754
Conc: 197.85 ng/ml



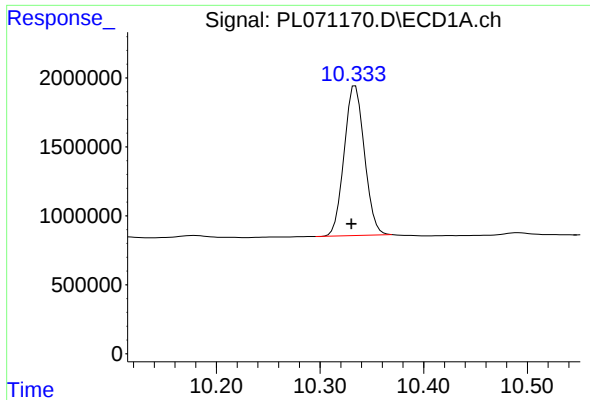
#21 Endrin ketone

R.T.: 9.235 min
Delta R.T.: 0.003 min
Response: 786672
Conc: 1.10 ng/ml



#21 Endrin ketone

R.T.: 10.003 min
Delta R.T.: 0.007 min
Response: 994735
Conc: 0.69 ng/ml



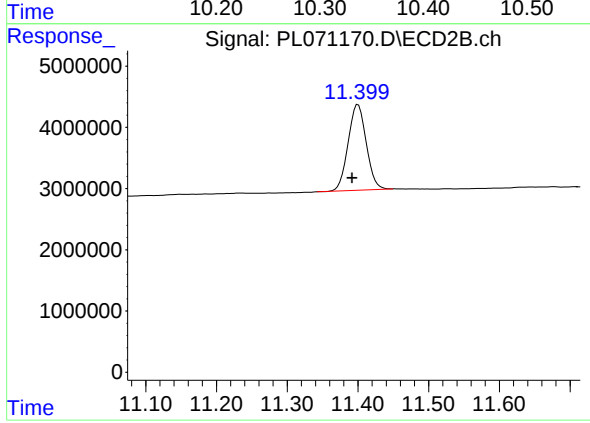
#28 Decachlorobiphenyl

R.T.: 10.334 min
Delta R.T.: 0.004 min
Response: 14754938
Conc: 21.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 11.400 min
Delta R.T.: 0.008 min
Response: 24975037
Conc: 18.67 ng/ml