

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041222\
 Data File : PL073968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2022 10:04
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/13/2022
 Supervised By : mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 16:34:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 2022
 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...	4.638	5.490	7027889	37633718	21.751	21.107
28)	SA Decachlor...	10.411	11.332	10769432	36004803	20.709	20.384
Target Compounds							
2)	A alpha-BHC	5.346	6.053	4131559	23340206	9.845	9.269
3)	MA gamma-BHC...	5.769	6.442	4193236	22565166	9.998	9.533
6)	B beta-BHC	6.150	6.679	2323252	12748709	11.370	11.312
12)	B 4,4'-DDE	7.644	8.461	105290	740964	0.289	0.372 #
14)	MA Endrin	8.064	8.846	19948230	87244410	49.105	51.512
16)	A 4,4'-DDD	8.229	8.987	1785075	8252268	5.528	5.363m
17)	MA 4,4'-DDT	8.491	9.307	33495210	148.6E6	90.616	83.843
18)	B Endrin al...	8.564	9.201	366084	1294664	1.131	1.002m
20)	A Methoxychlor	9.086	9.787	50423906	194.8E6	203.102	202.559
21)	B Endrin ke...	9.312	9.927	1351518	4131147	2.766	2.387

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

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

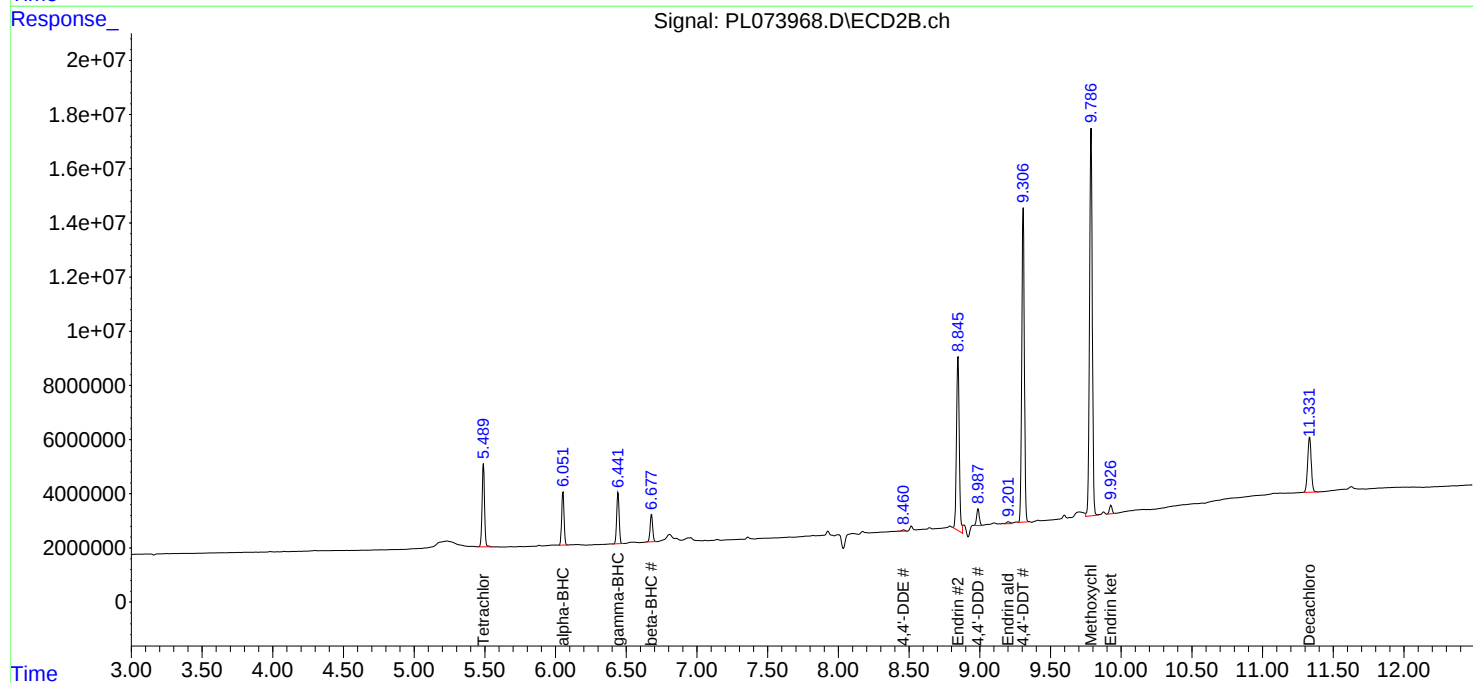
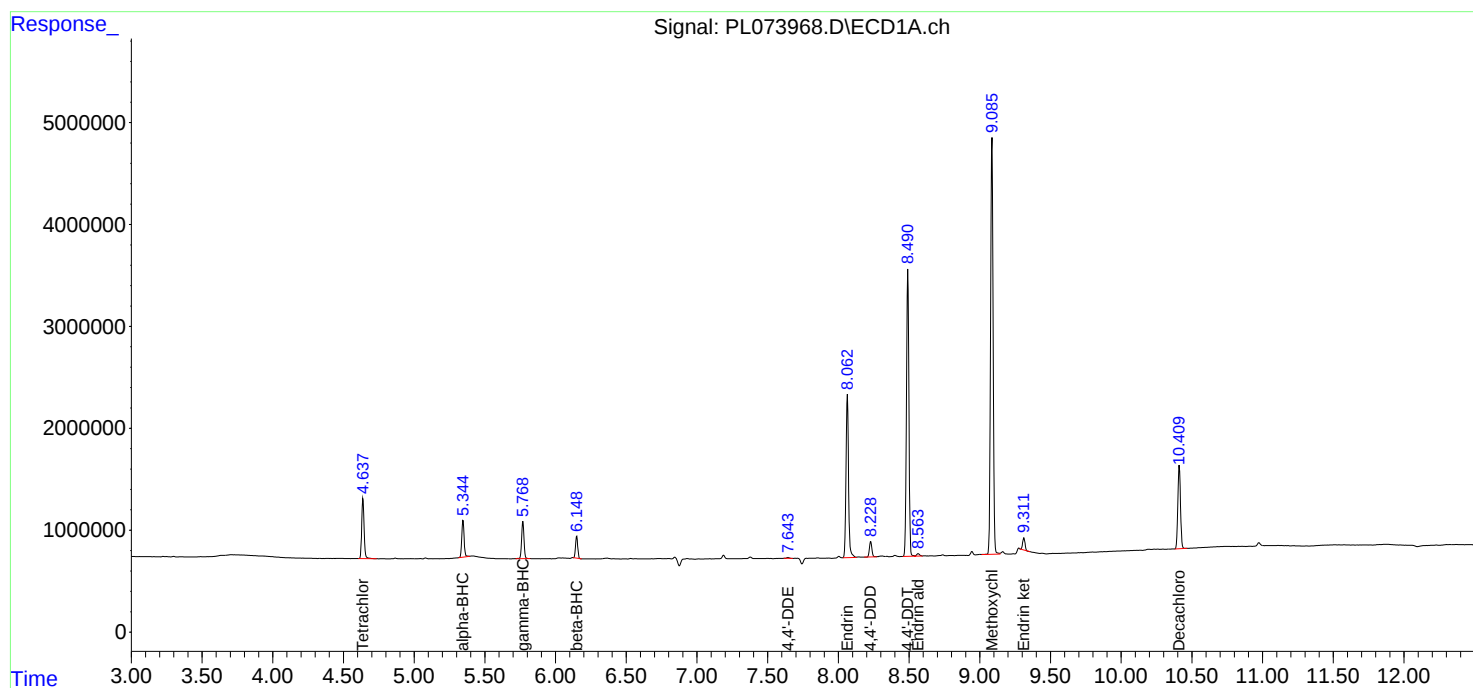
Instrument :
ECD_L
ClientSampleId :
PEM

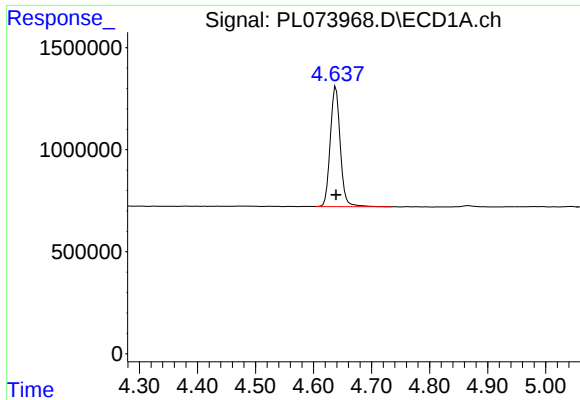
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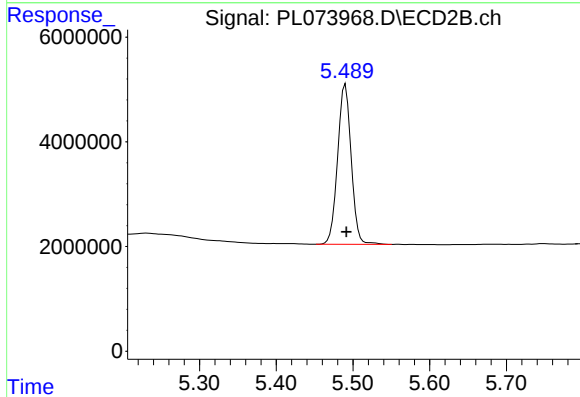
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 7027889
Conc: 21.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

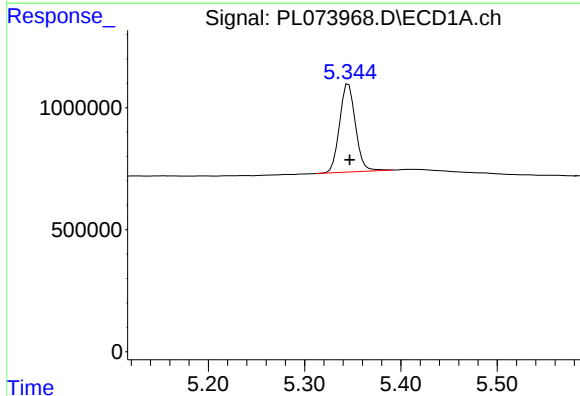
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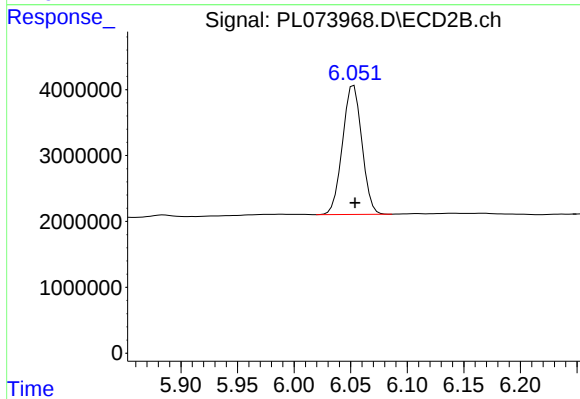
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 37633718
Conc: 21.11 ng/ml



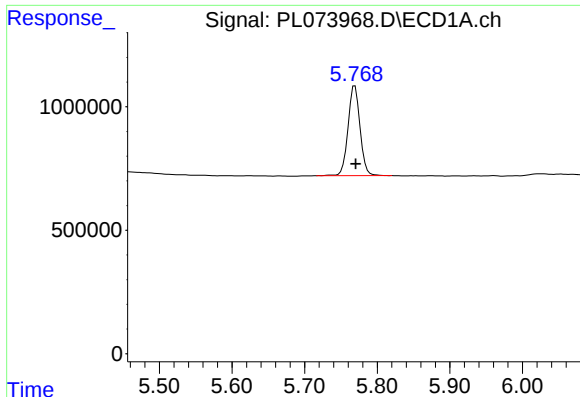
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 4131559
Conc: 9.84 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 23340206
Conc: 9.27 ng/ml



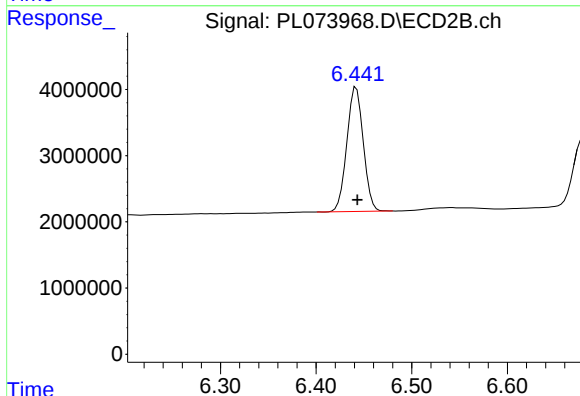
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 4193236
Conc: 10.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

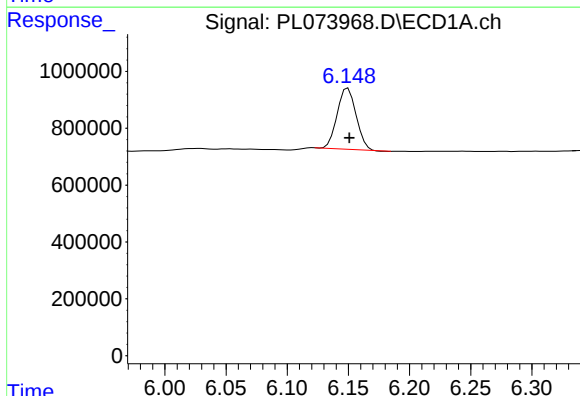
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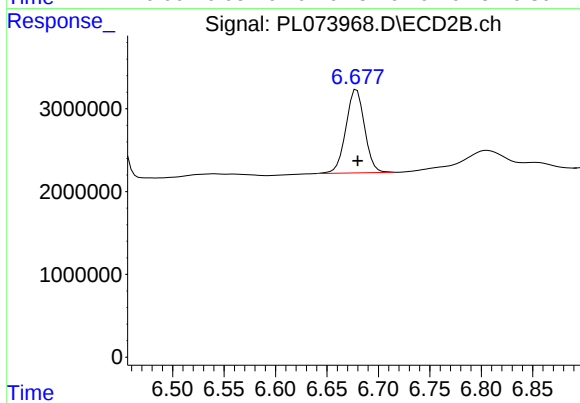
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 22565166
Conc: 9.53 ng/ml



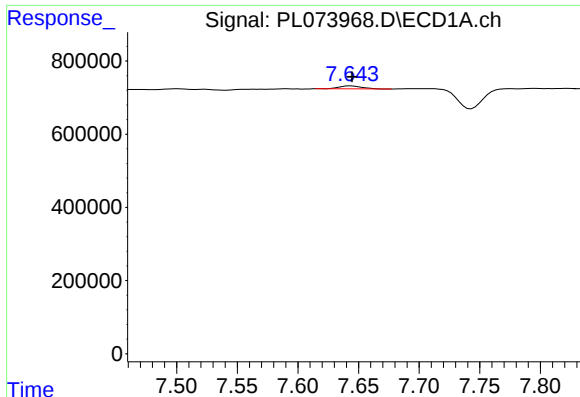
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.001 min
Response: 2323252
Conc: 11.37 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 12748709
Conc: 11.31 ng/ml



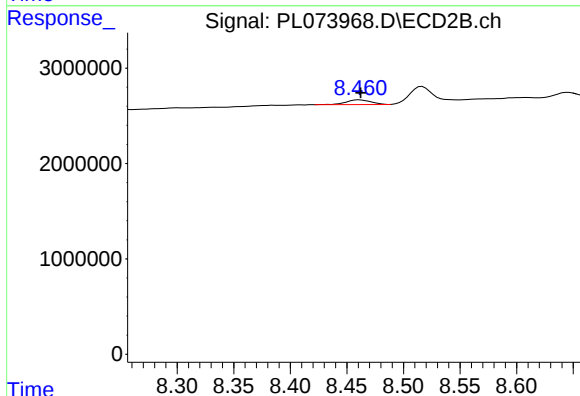
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 105290
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

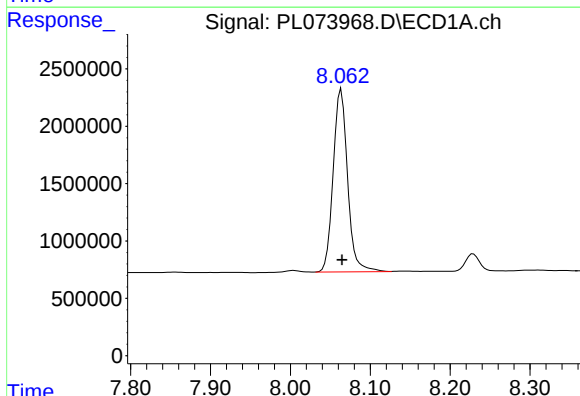
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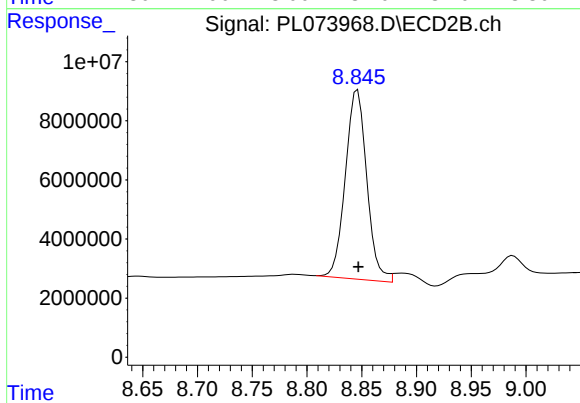
#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 740964
Conc: 0.37 ng/ml



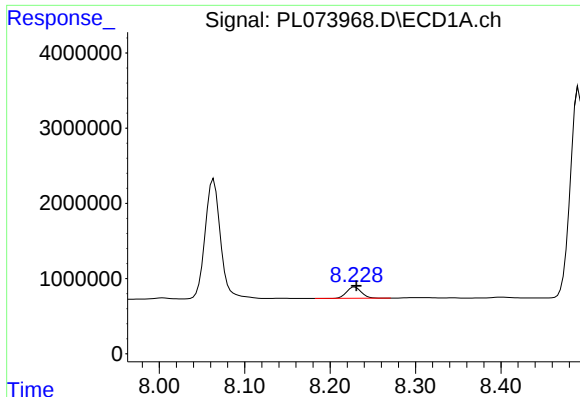
#14 Endrin

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 19948230
Conc: 49.11 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 87244410
Conc: 51.51 ng/ml



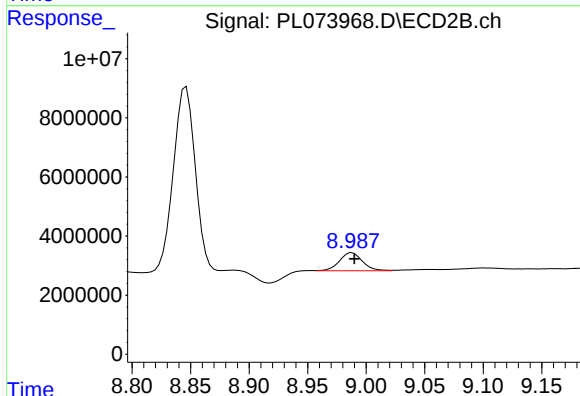
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 1785075
Conc: 5.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

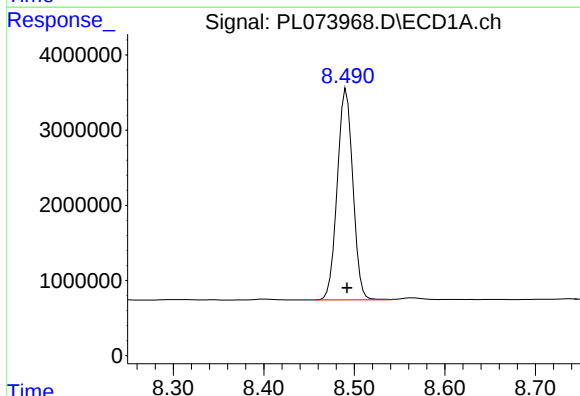
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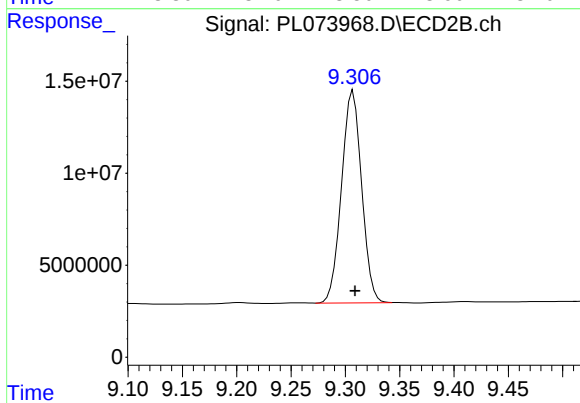
#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 8252268
Conc: 5.36 ng/ml m



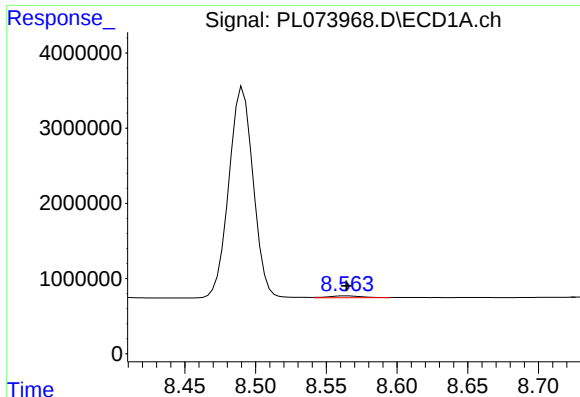
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 33495210
Conc: 90.62 ng/ml



#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 148625635
Conc: 83.84 ng/ml



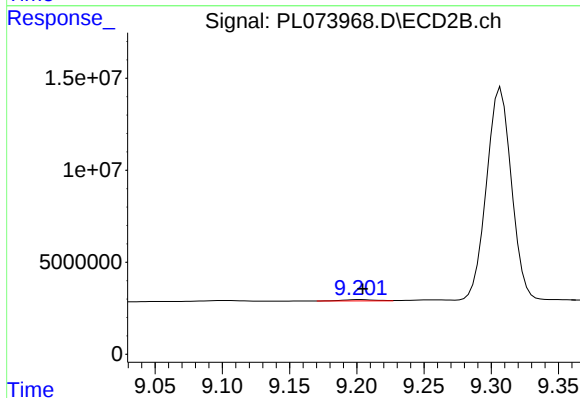
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 366084
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

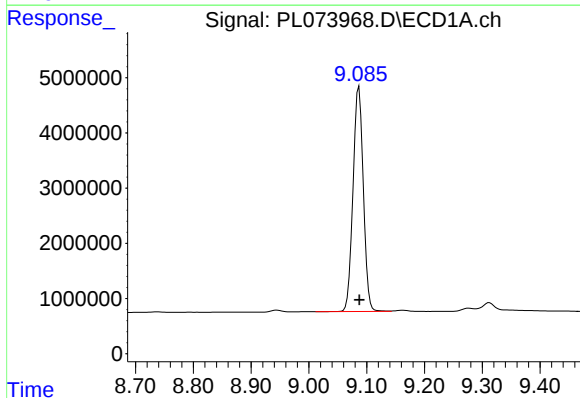
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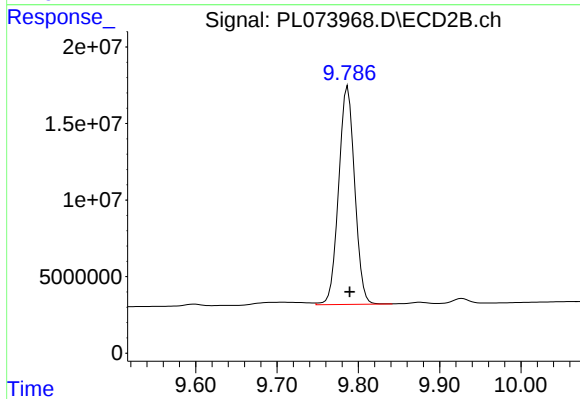
#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 1294664
Conc: 1.00 ng/ml m



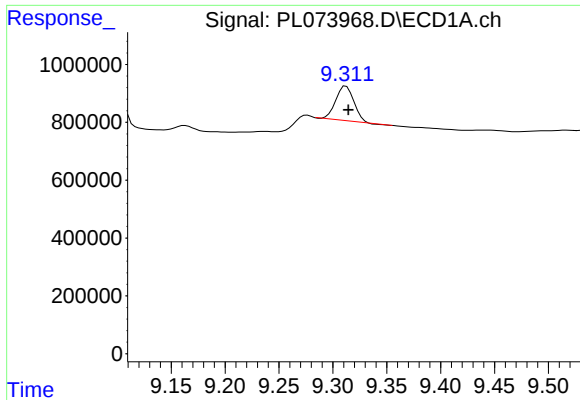
#20 Methoxychlor

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 50423906
Conc: 203.10 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 194830504
Conc: 202.56 ng/ml



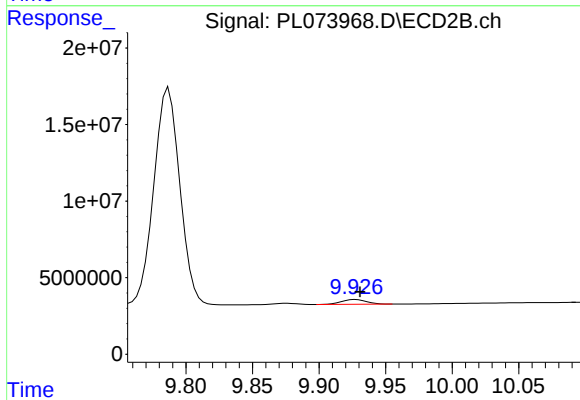
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.002 min
Response: 1351518
Conc: 2.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

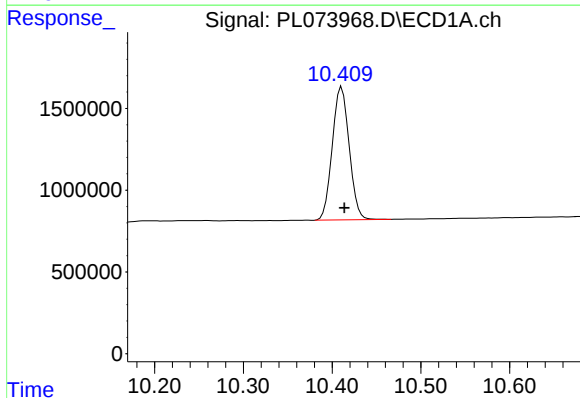
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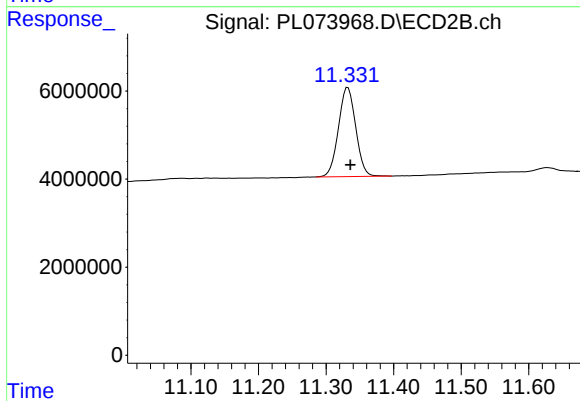
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.003 min
Response: 4131147
Conc: 2.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.411 min
Delta R.T.: -0.003 min
Response: 10769432
Conc: 20.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 36004803
Conc: 20.38 ng/ml