

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042922\
 Data File : PL074446.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2022 14:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/30/2022
 Supervised By :mohammad ahmed 05/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 00:47:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.645	5.484	7057800	35592020	21.843	19.962
28)	SA Decachlor...	10.413	11.333	11788169	39493901	22.668	22.360
Target Compounds							
2)	A alpha-BHC	5.352	6.048	4194729	22776335	9.995	9.045
3)	MA gamma-BHC...	5.775	6.437	4224559	21837014	10.073	9.225
6)	B beta-BHC	6.156	6.676	2516794	11377395	12.317	10.095
12)	B 4,4'-DDE	7.647	8.461	113213	270903	0.310	0.136 #
14)	MA Endrin	8.067	8.845	22669091	91445486	55.803	53.993
16)	A 4,4'-DDD	8.235	8.988	54427	562791	0.169m	0.366m#
17)	MA 4,4'-DDT	8.494	9.307	43893172	181.0E6	118.746	102.128
20)	A Methoxychlor	9.089	9.787	63178273	247.2E6	254.476	256.975
21)	B Endrin ke...	9.315	9.932	485166	939183	0.993	0.543 #

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

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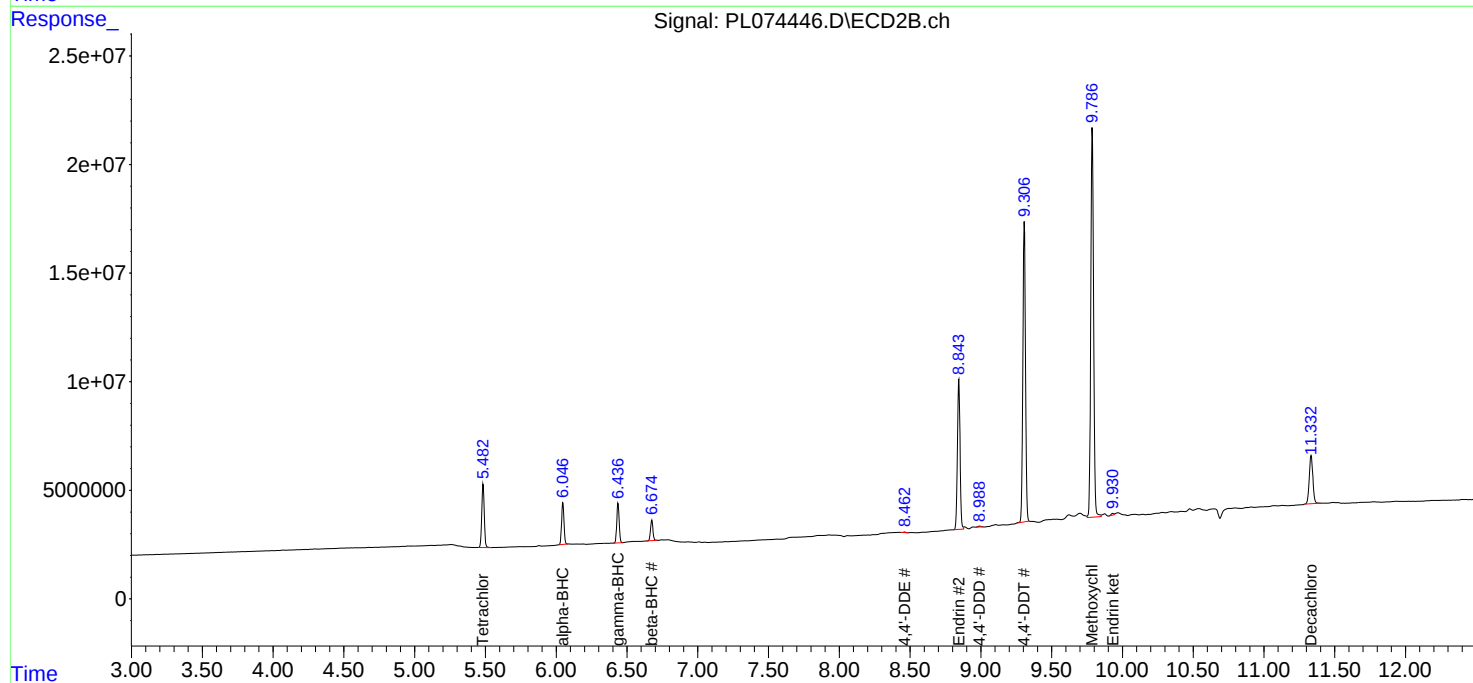
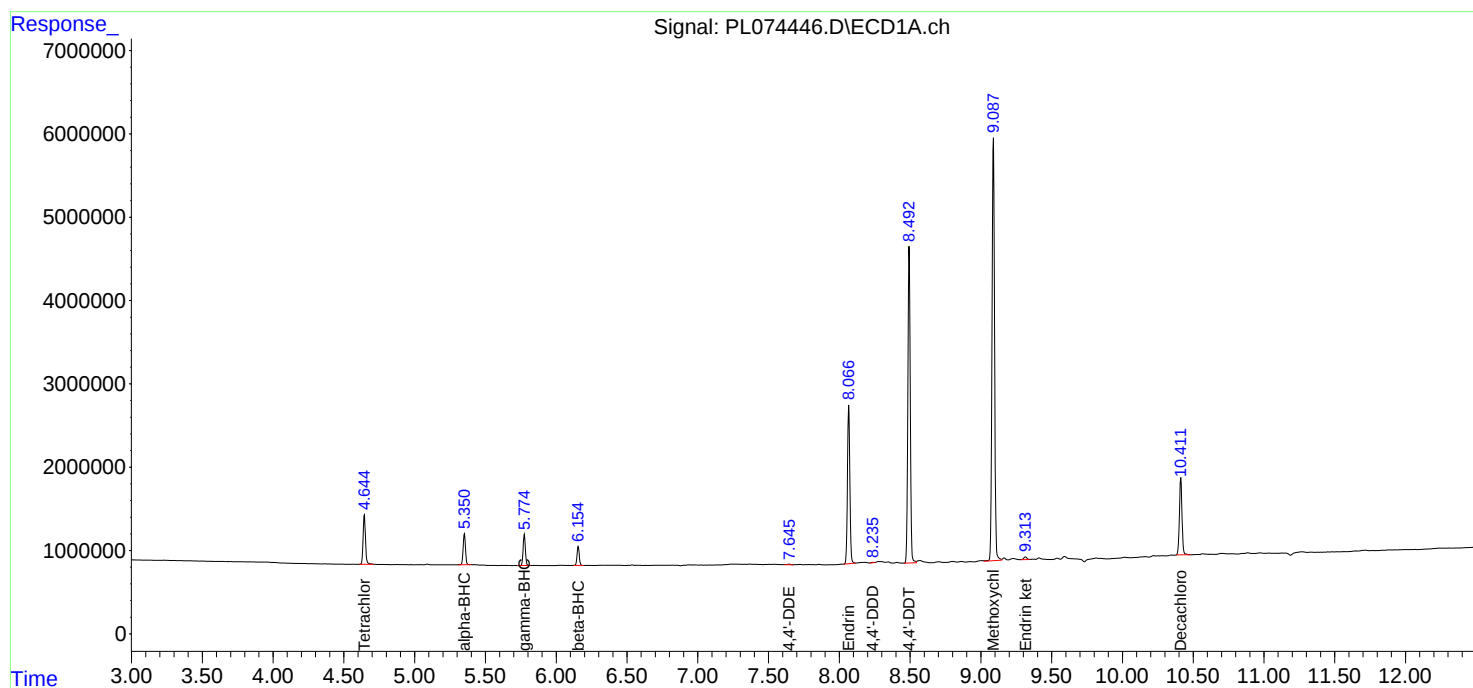
Instrument :
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ClientSampleId :
PEM

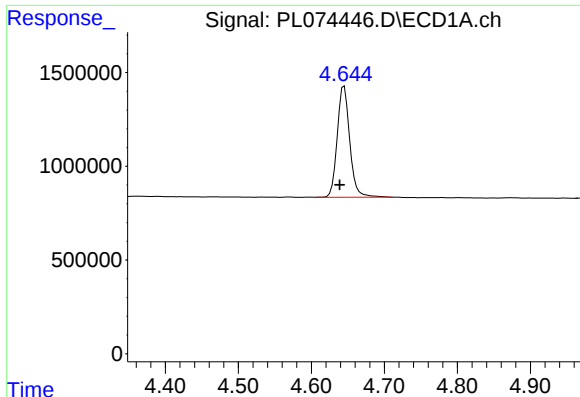
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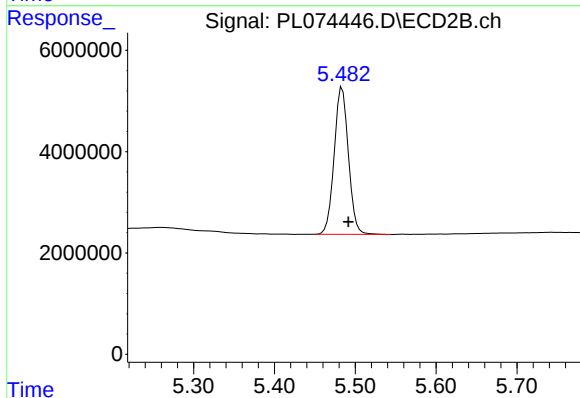
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.006 min
Response: 7057800
Conc: 21.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

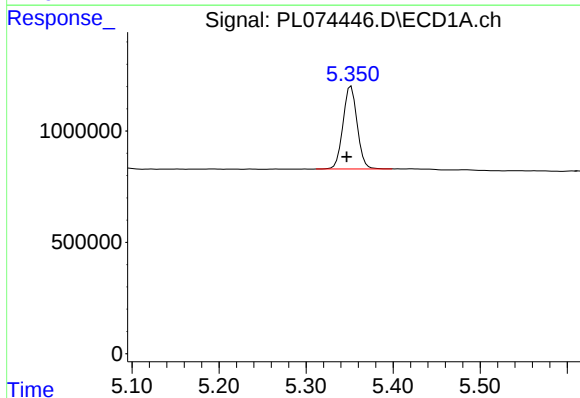
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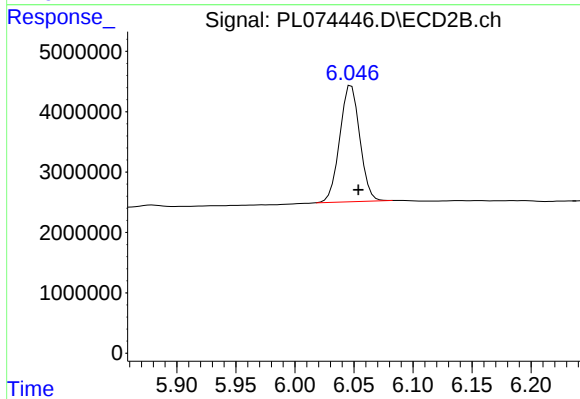
#1 Tetrachloro-m-xylene

R.T.: 5.484 min
Delta R.T.: -0.007 min
Response: 35592020
Conc: 19.96 ng/ml



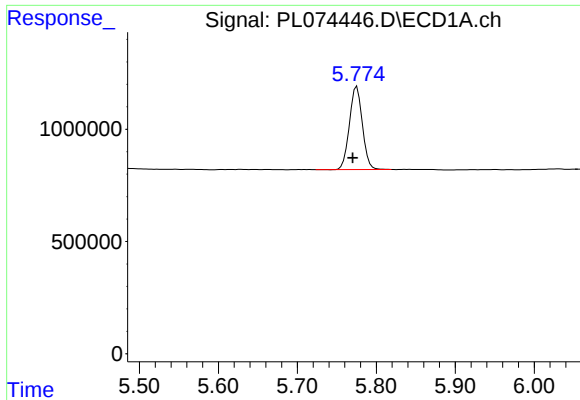
#2 alpha-BHC

R.T.: 5.352 min
Delta R.T.: 0.005 min
Response: 4194729
Conc: 10.00 ng/ml



#2 alpha-BHC

R.T.: 6.048 min
Delta R.T.: -0.006 min
Response: 22776335
Conc: 9.05 ng/ml



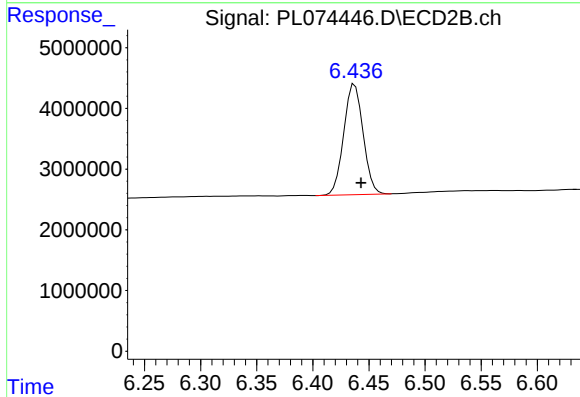
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: 0.005 min
Response: 4224559
Conc: 10.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

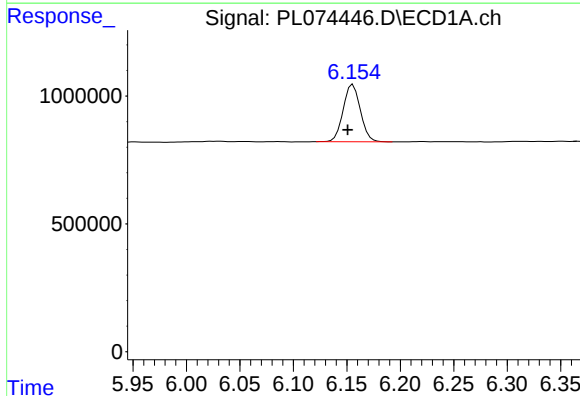
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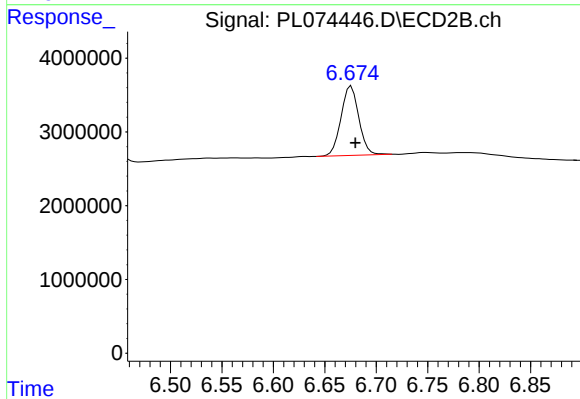
#3 gamma-BHC (Lindane)

R.T.: 6.437 min
Delta R.T.: -0.006 min
Response: 21837014
Conc: 9.23 ng/ml



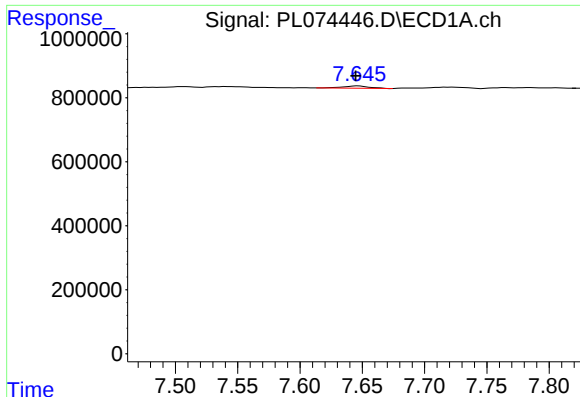
#6 beta-BHC

R.T.: 6.156 min
Delta R.T.: 0.005 min
Response: 2516794
Conc: 12.32 ng/ml



#6 beta-BHC

R.T.: 6.676 min
Delta R.T.: -0.004 min
Response: 11377395
Conc: 10.10 ng/ml



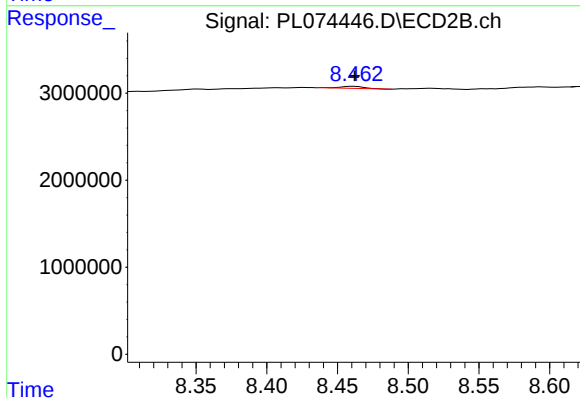
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: 0.002 min
Response: 113213
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

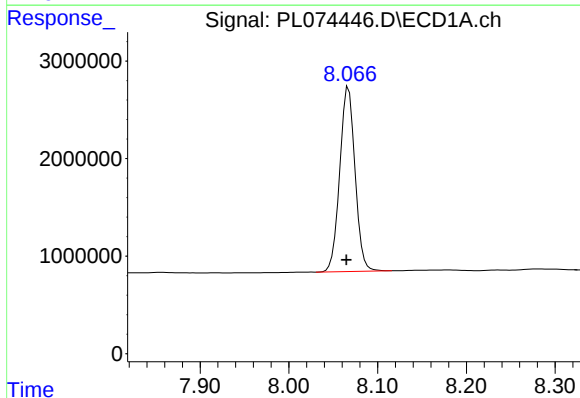
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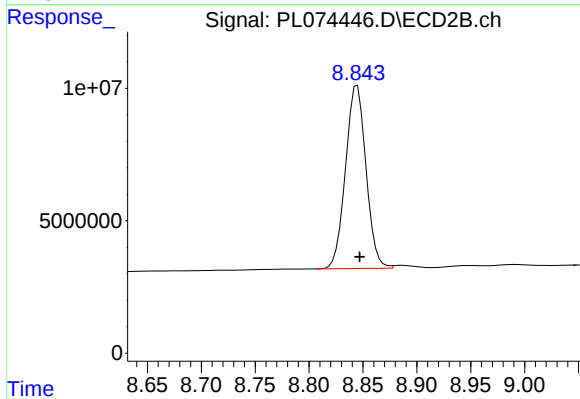
#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 270903
Conc: 0.14 ng/ml



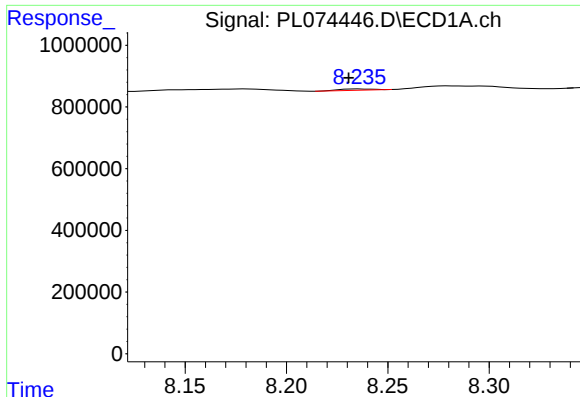
#14 Endrin

R.T.: 8.067 min
Delta R.T.: 0.002 min
Response: 22669091
Conc: 55.80 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 91445486
Conc: 53.99 ng/ml



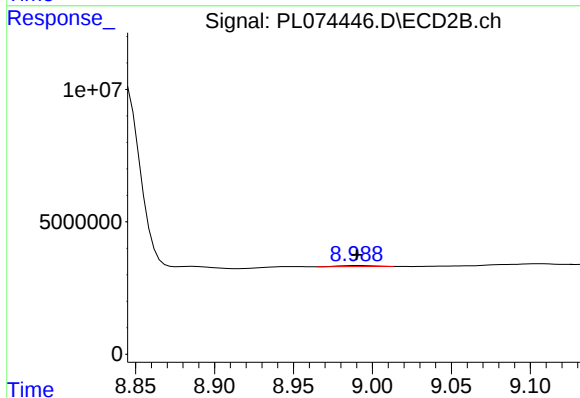
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: 0.004 min
Response: 54427
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

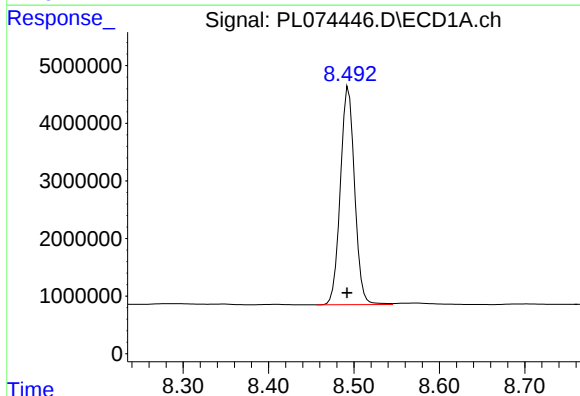
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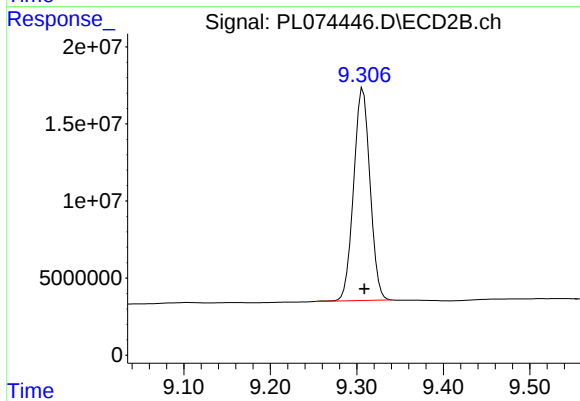
#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 562791
Conc: 0.37 ng/ml m



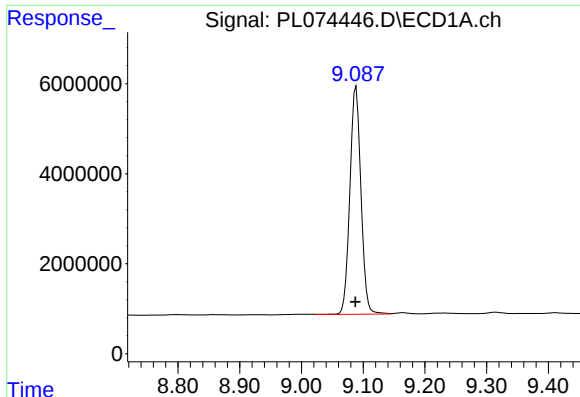
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: 0.002 min
Response: 43893172
Conc: 118.75 ng/ml



#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 181038562
Conc: 102.13 ng/ml



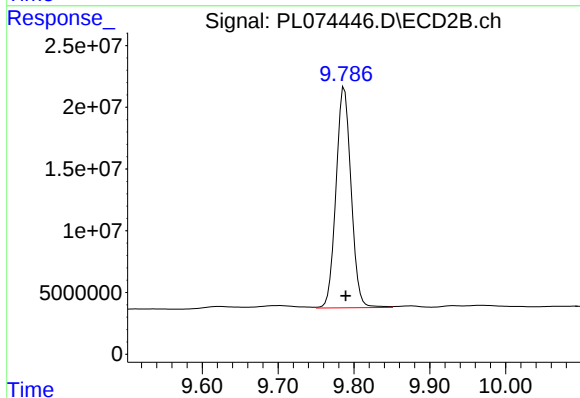
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: 0.001 min
Response: 63178273
Conc: 254.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

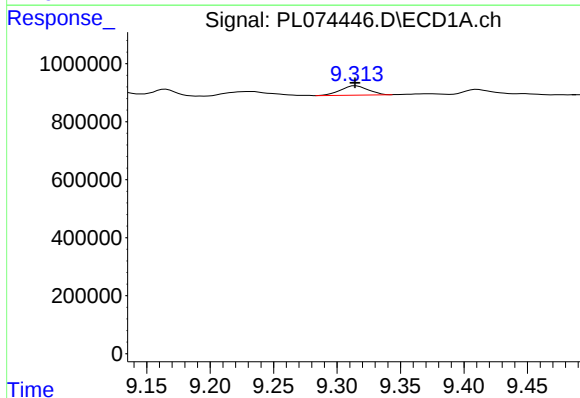
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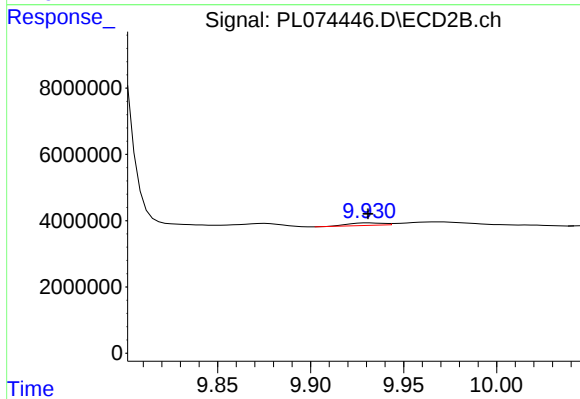
#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 247170406
Conc: 256.97 ng/ml



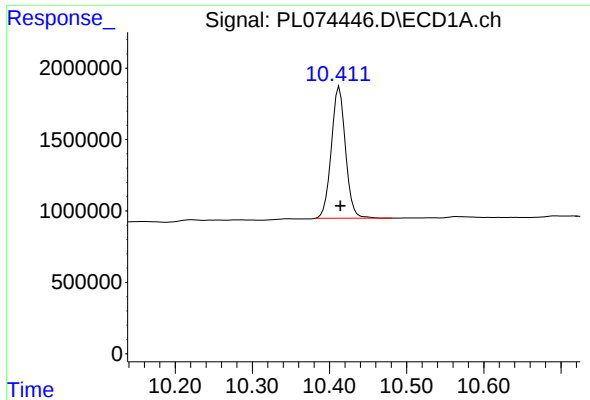
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: 0.000 min
Response: 485166
Conc: 0.99 ng/ml



#21 Endrin ketone

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 939183
Conc: 0.54 ng/ml



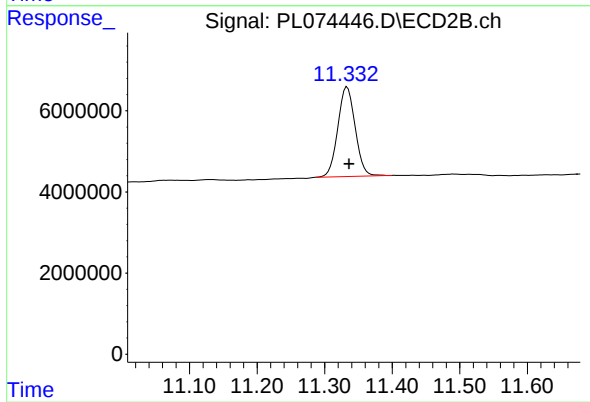
#28 Decachlorobiphenyl

R.T.: 10.413 min
Delta R.T.: -0.001 min
Response: 11788169
Conc: 22.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 39493901
Conc: 22.36 ng/ml