

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082521\
 Data File : PL069431.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2021 08:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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mohammad
 8/26/2021 10:16:33 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 03:44:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082021.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 21 02:23:37 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...	4.633	5.568	8737033	27449843	18.937	19.162
28)	SA Decachlor...	10.400	11.488	12646726	23640446	18.737	19.289
Target Compounds							
2)	A alpha-BHC	5.340	6.147	5047259	17469403	7.885	8.931
3)	MA gamma-BHC...	5.762	6.542	5479221	17051087	8.576	9.292m
6)	B beta-BHC	6.143	6.796	4101650	9592374	9.498	10.207
12)	B 4,4'-DDE	7.632	8.567	79400	186194	0.140m	0.133m
14)	MA Endrin	8.054	8.964	26823182	60847223	46.444	51.841
16)	A 4,4'-DDD	8.218	9.105	206691	490014	0.406m	0.399m
17)	MA 4,4'-DDT	8.481	9.424	53341307	119.1E6	92.671	97.176
20)	A Methoxychlor	9.075	9.909	73999579	144.6E6	197.572	225.173
21)	B Endrin ke...	9.299	10.068	439426	811683	0.633m	0.627m

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

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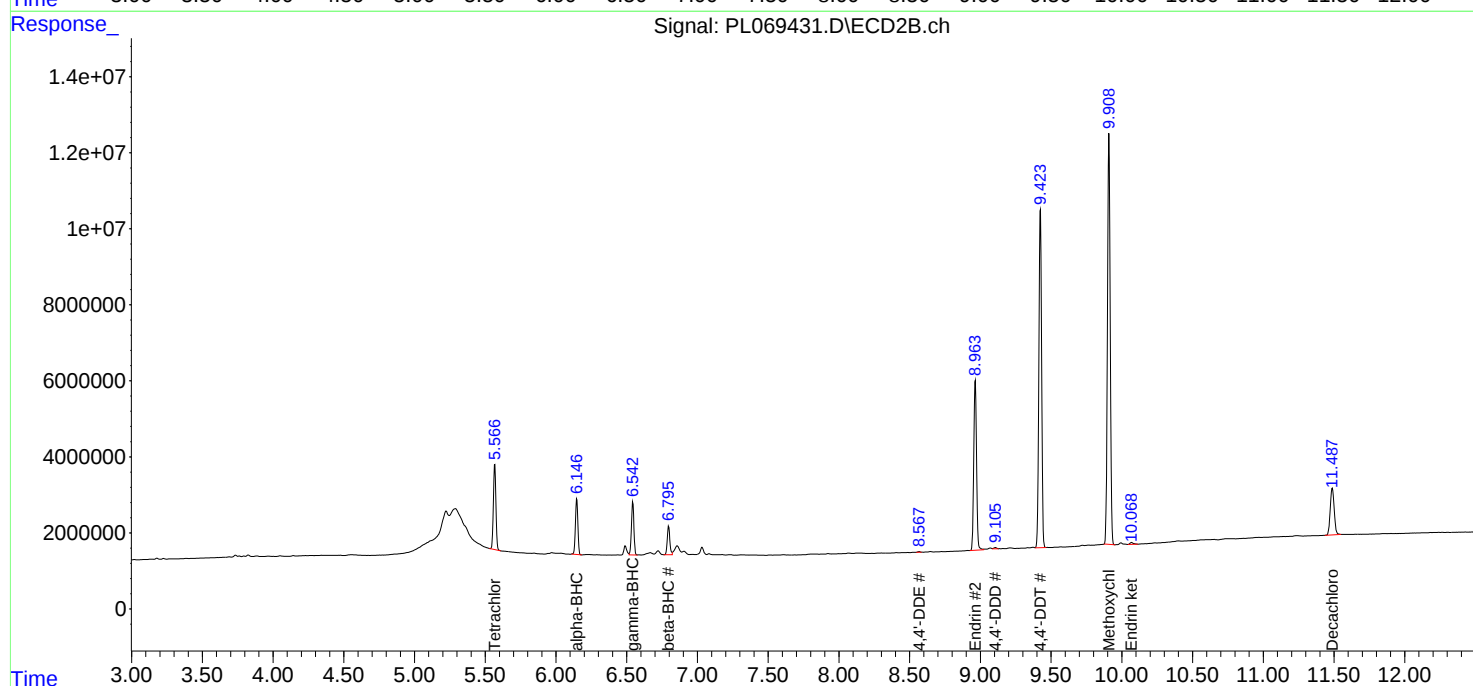
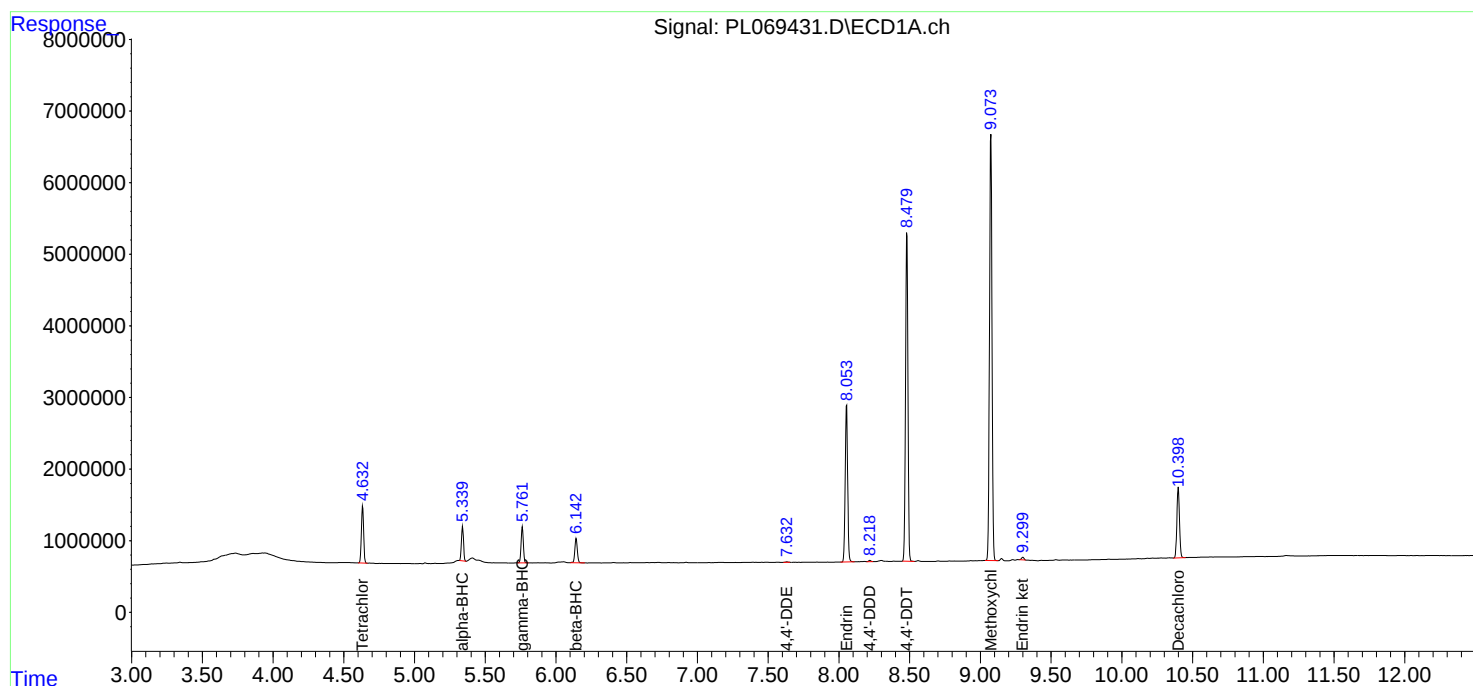
Instrument :
ECD_L
ClientSampled :
PEM

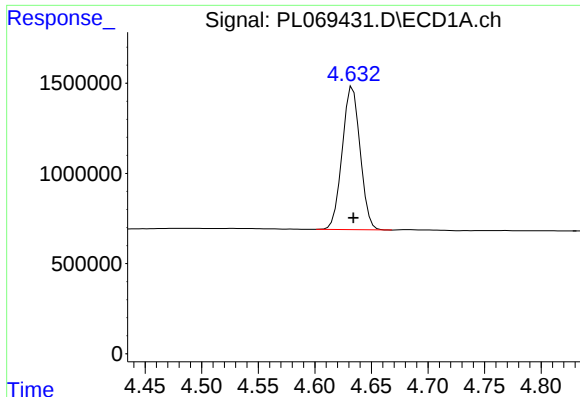
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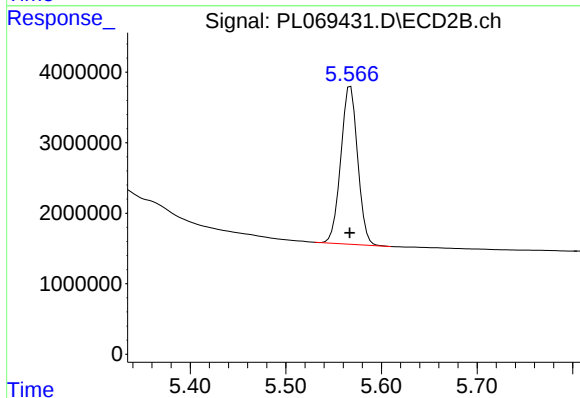
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 8737033
Conc: 18.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

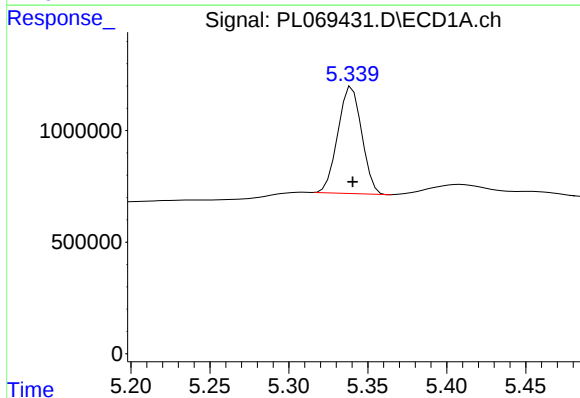
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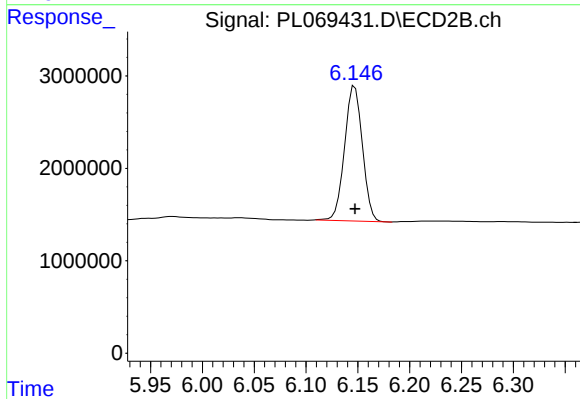
#1 Tetrachloro-m-xylene

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 27449843
Conc: 19.16 ng/ml



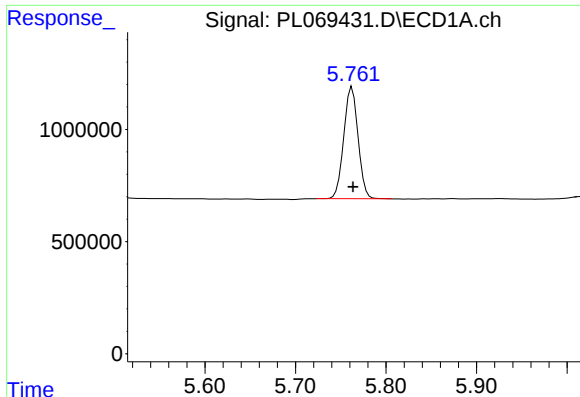
#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 5047259
Conc: 7.88 ng/ml



#2 alpha-BHC

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 17469403
Conc: 8.93 ng/ml



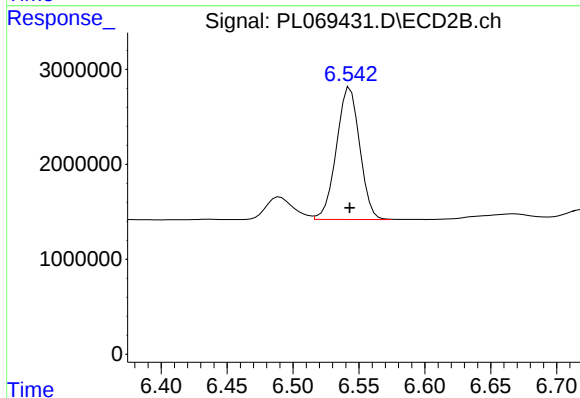
#3 gamma-BHC (Lindane)

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 5479221
Conc: 8.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

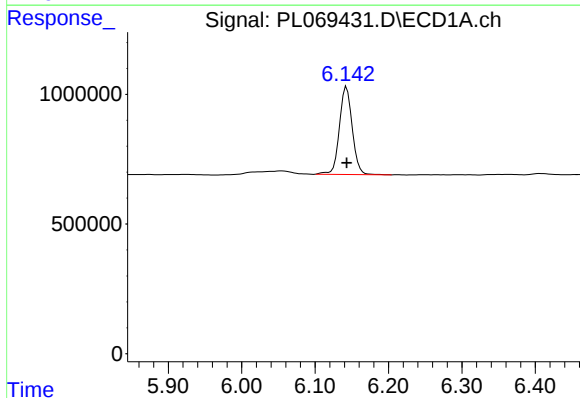
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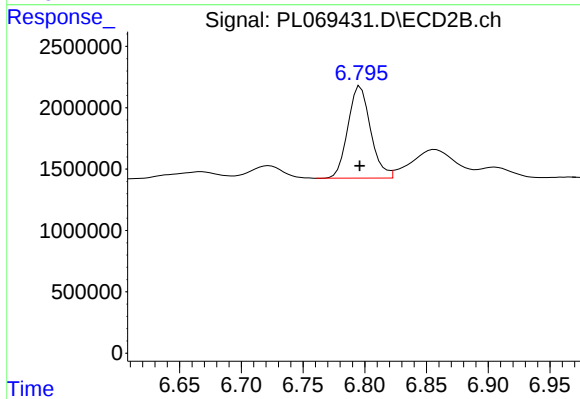
#3 gamma-BHC (Lindane)

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 17051087
Conc: 9.29 ng/ml m



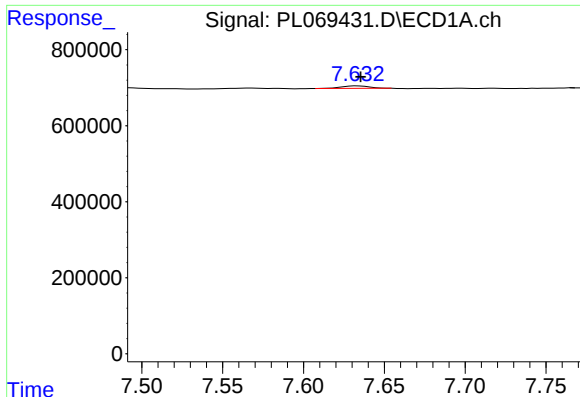
#6 beta-BHC

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 4101650
Conc: 9.50 ng/ml



#6 beta-BHC

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 9592374
Conc: 10.21 ng/ml



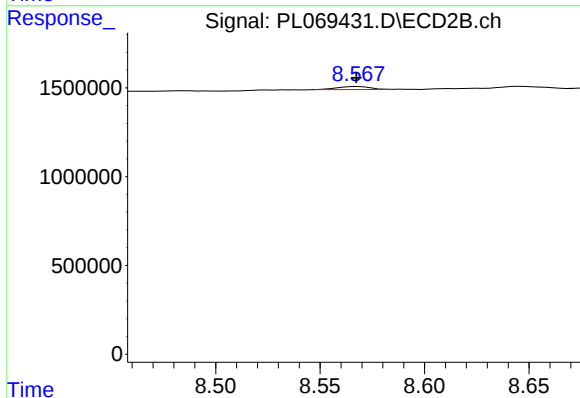
#12 4,4'-DDE

R.T.: 7.632 min
Delta R.T.: -0.003 min
Response: 79400
Conc: 0.14 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

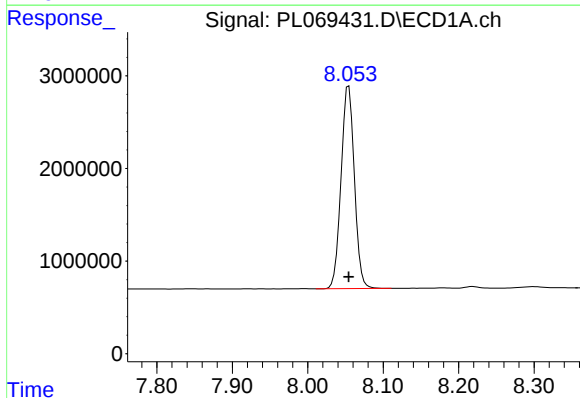
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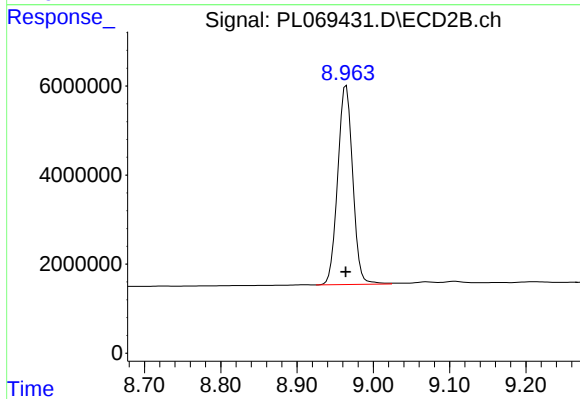
#12 4,4'-DDE

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 186194
Conc: 0.13 ng/ml m



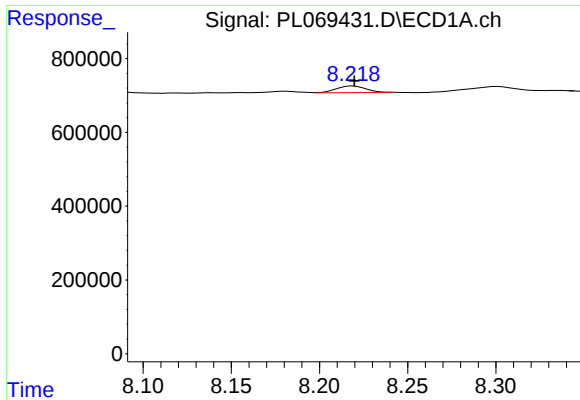
#14 Endrin

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 26823182
Conc: 46.44 ng/ml



#14 Endrin

R.T.: 8.964 min
Delta R.T.: 0.000 min
Response: 60847223
Conc: 51.84 ng/ml



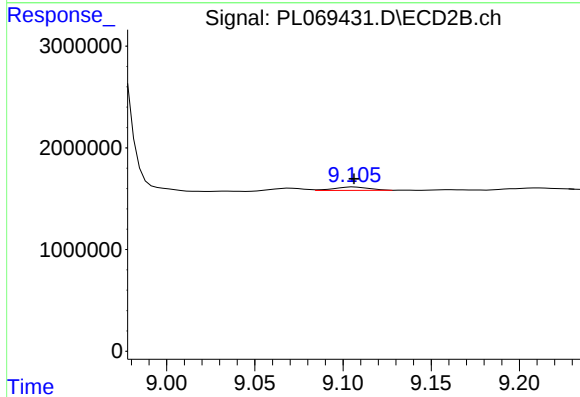
#16 4,4'-DDD

R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 206691
Conc: 0.41 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

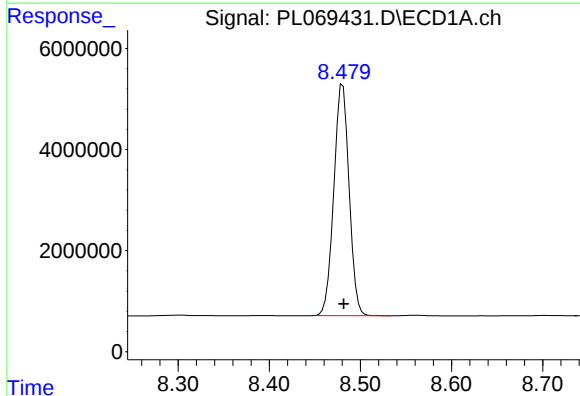
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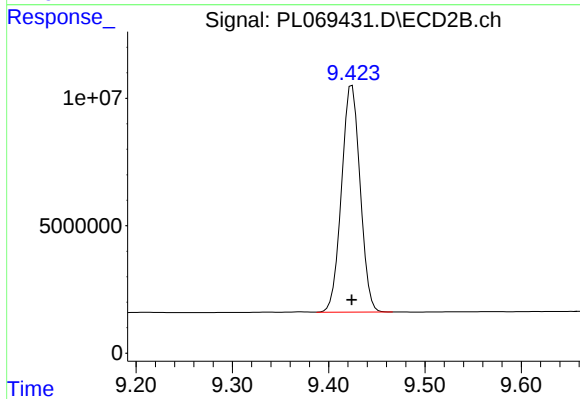
#16 4,4'-DDD

R.T.: 9.105 min
Delta R.T.: -0.001 min
Response: 490014
Conc: 0.40 ng/ml m



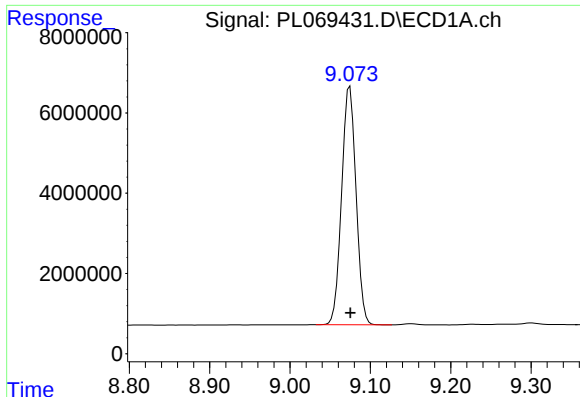
#17 4,4'-DDT

R.T.: 8.481 min
Delta R.T.: 0.000 min
Response: 53341307
Conc: 92.67 ng/ml



#17 4,4'-DDT

R.T.: 9.424 min
Delta R.T.: 0.000 min
Response: 119056353
Conc: 97.18 ng/ml



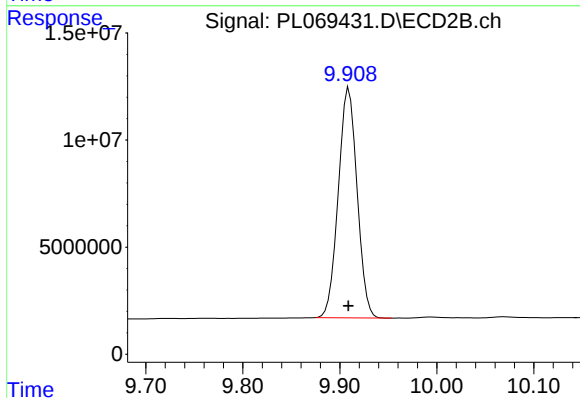
#20 Methoxychlor

R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 73999579
Conc: 197.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

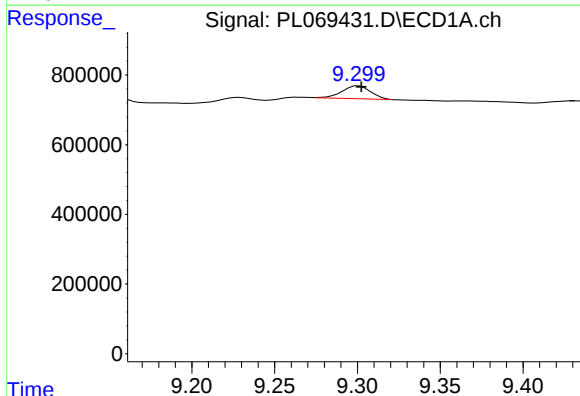
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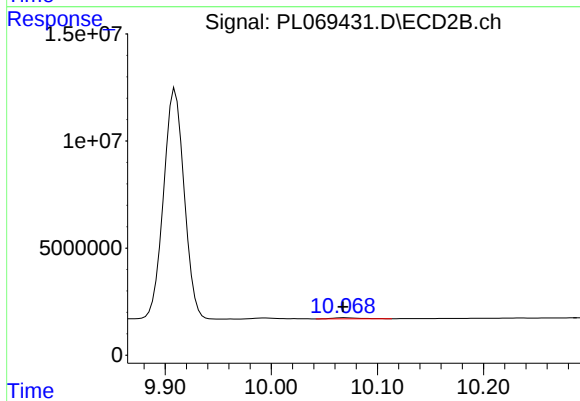
#20 Methoxychlor

R.T.: 9.909 min
Delta R.T.: 0.000 min
Response: 144559336
Conc: 225.17 ng/ml



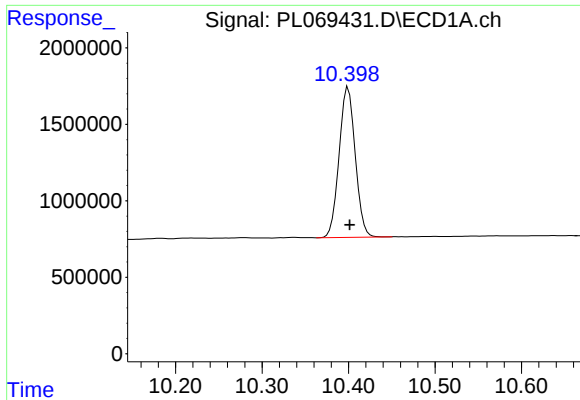
#21 Endrin ketone

R.T.: 9.299 min
Delta R.T.: -0.003 min
Response: 439426
Conc: 0.63 ng/ml m



#21 Endrin ketone

R.T.: 10.068 min
Delta R.T.: 0.000 min
Response: 811683
Conc: 0.63 ng/ml m



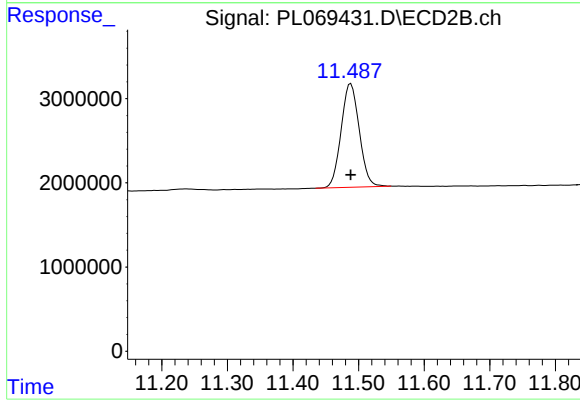
#28 Decachlorobiphenyl

R.T.: 10.400 min
Delta R.T.: -0.002 min
Response: 12646726
Conc: 18.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.488 min
Delta R.T.: 0.000 min
Response: 23640446
Conc: 19.29 ng/ml