

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082421\
 Data File : PL069409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2021 08:51
 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 9:32:19 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 00:48:20 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...	4.634	5.569	9785363	27728455	21.209	19.357
28)	SA Decachlor...	10.402	11.491	13372133	23097910	19.812	18.847
Target Compounds							
2)	A alpha-BHC	5.340	6.149	5890414	17922952	9.202	9.163
3)	MA gamma-BHC...	5.763	6.544	6025665	17054737	9.431	9.294
6)	B beta-BHC	6.143	6.798	3979482	8576541	9.076	9.126
12)	B 4,4'-DDE	7.635	8.565	169163	290991	0.299m	0.208m#
14)	MA Endrin	8.056	8.966	29373280	59069916	50.859	50.327
16)	A 4,4'-DDD	8.221	9.108	2393105	7476645	4.705	6.095 #
17)	MA 4,4'-DDT	8.482	9.427	50562878	106.2E6	87.844	86.672
18)	B Endrin al...	8.557	9.332	246048	325579	0.542m	0.342m#
20)	A Methoxychlor	9.077	9.911	67601947	123.5E6	180.490	192.342
21)	B Endrin ke...	9.301	10.070	1712404	2666544	2.468m	2.061

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

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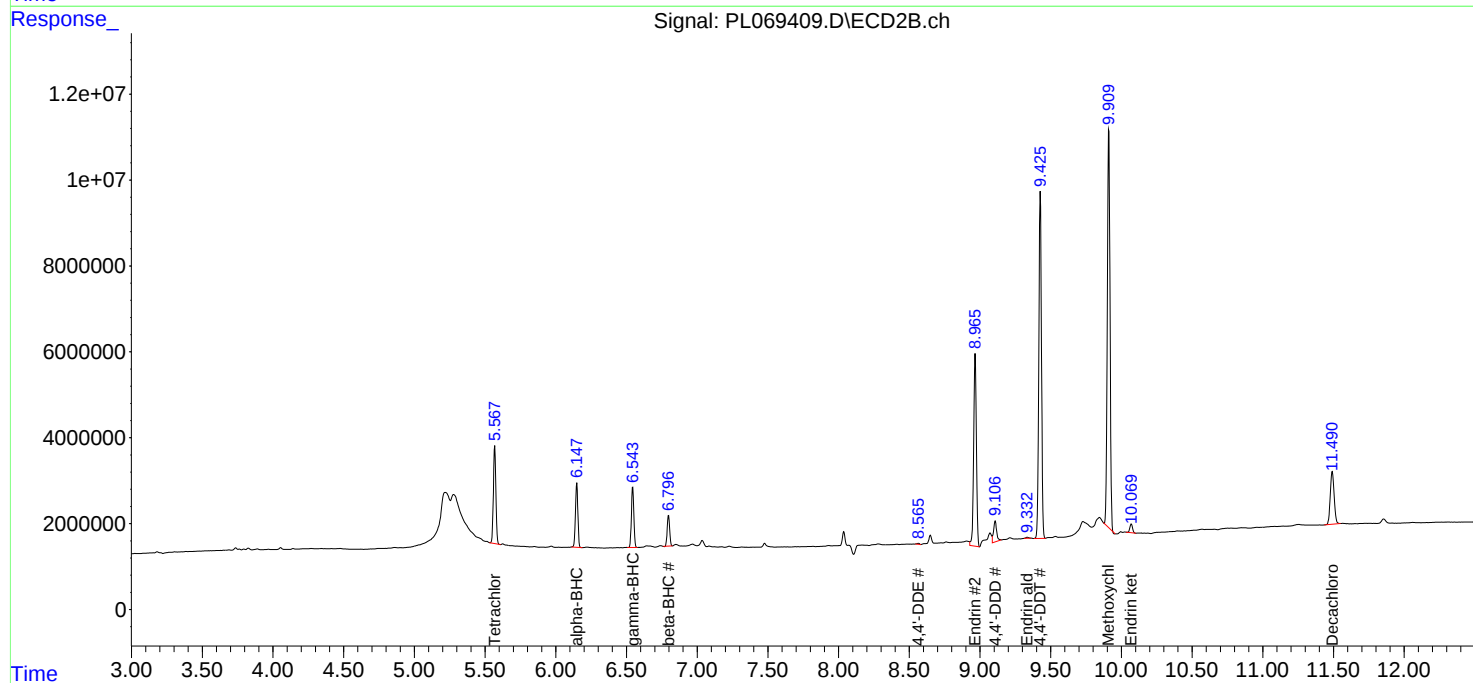
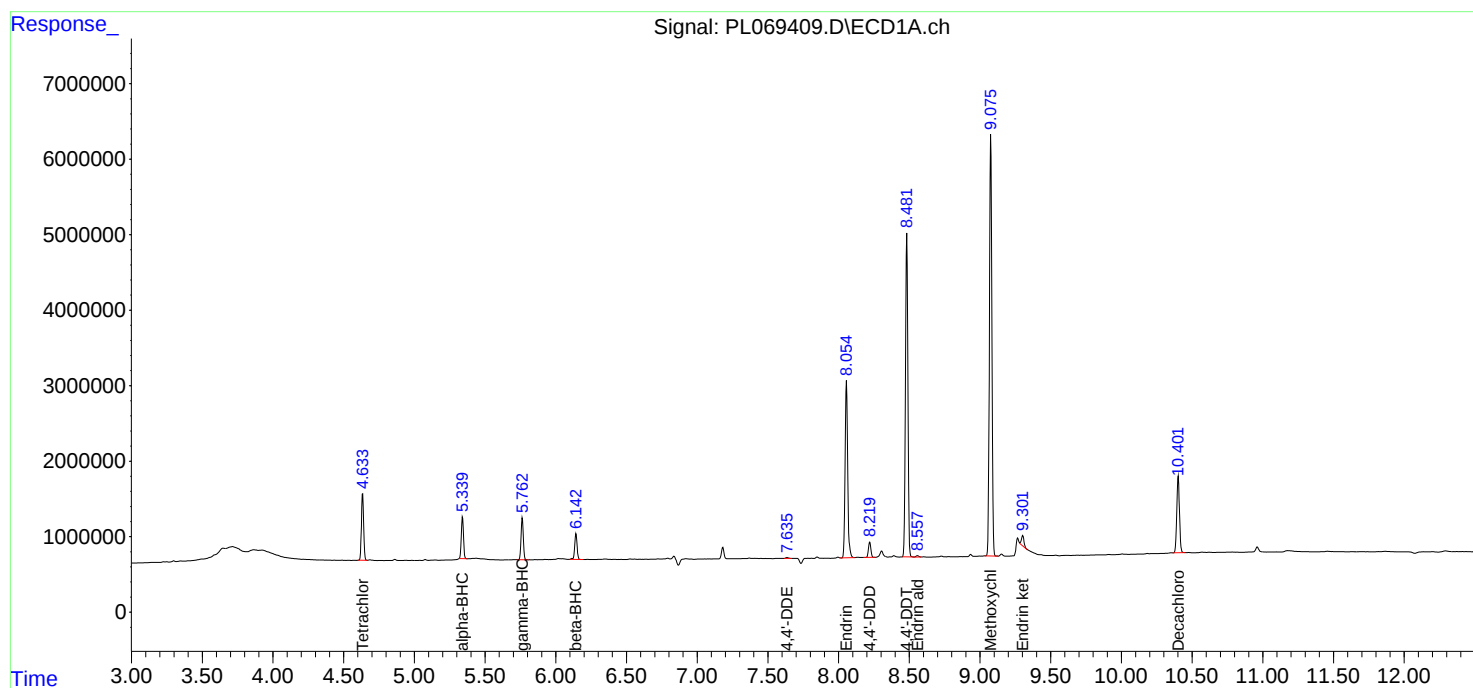
Instrument :
ECD_L
ClientSampleId :
PEM

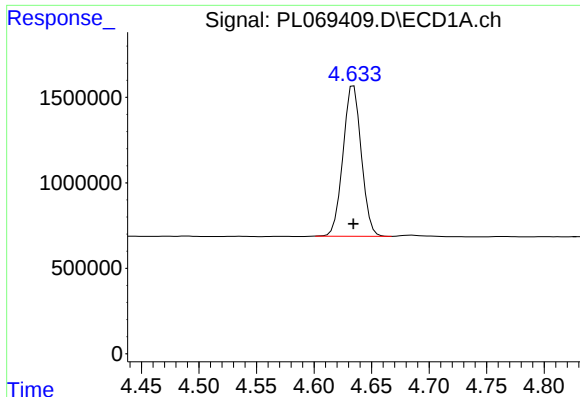
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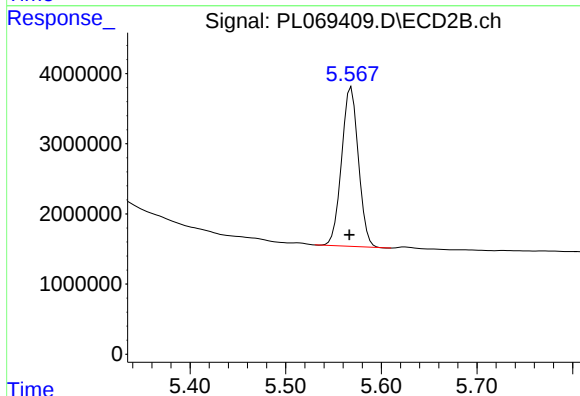
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 9785363
Conc: 21.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

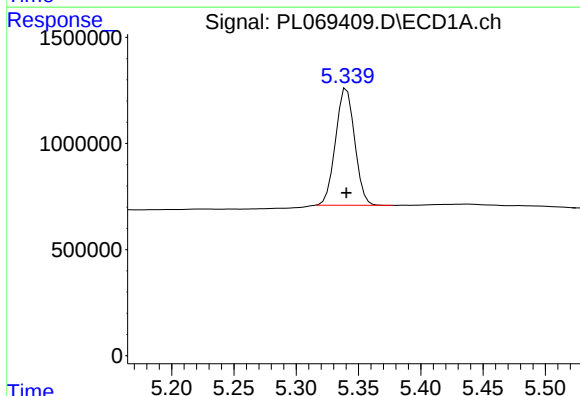
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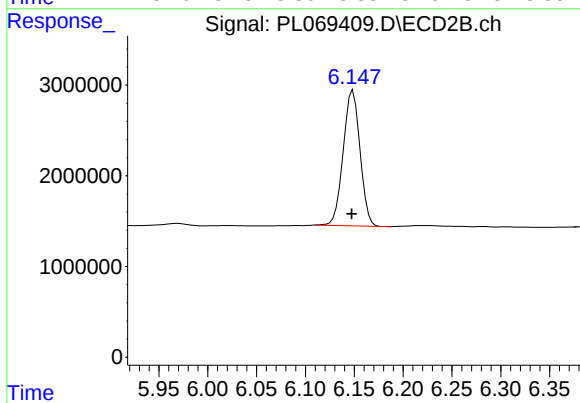
#1 Tetrachloro-m-xylene

R.T.: 5.569 min
Delta R.T.: 0.002 min
Response: 27728455
Conc: 19.36 ng/ml



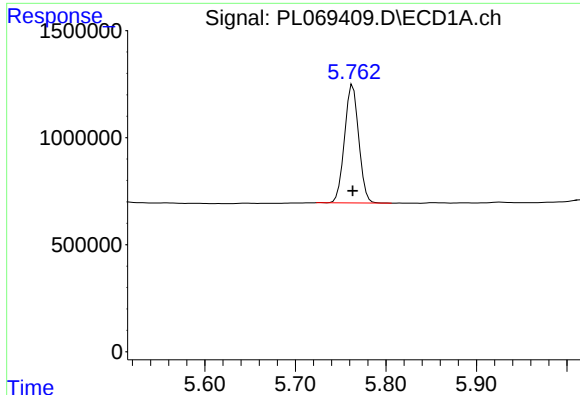
#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 5890414
Conc: 9.20 ng/ml



#2 alpha-BHC

R.T.: 6.149 min
Delta R.T.: 0.001 min
Response: 17922952
Conc: 9.16 ng/ml



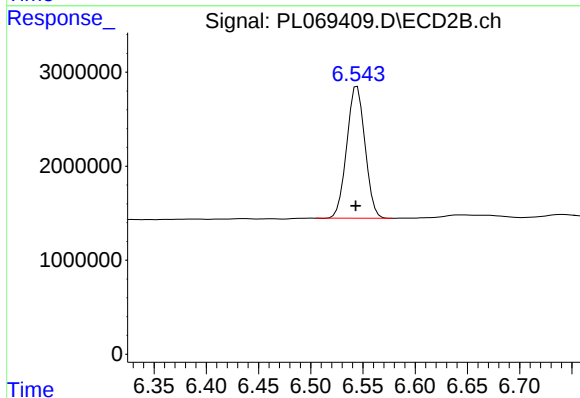
#3 gamma-BHC (Lindane)

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 6025665
Conc: 9.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

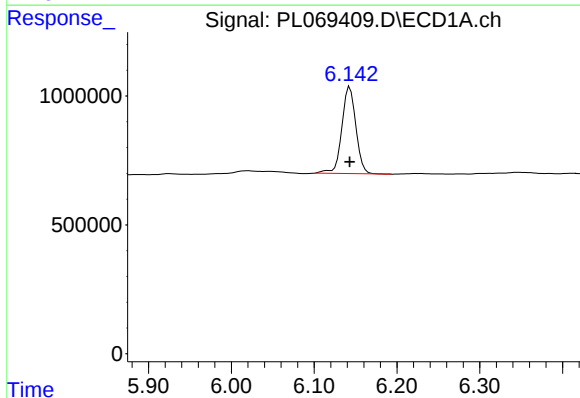
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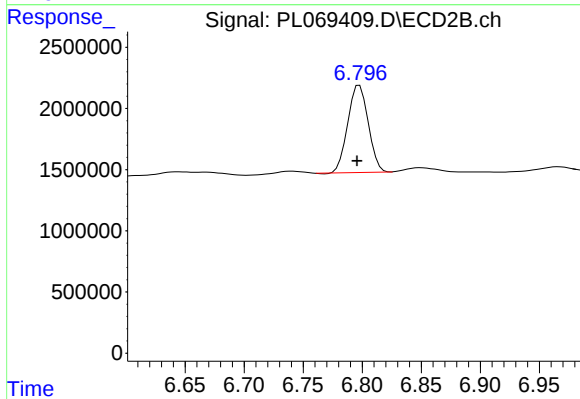
#3 gamma-BHC (Lindane)

R.T.: 6.544 min
Delta R.T.: 0.001 min
Response: 17054737
Conc: 9.29 ng/ml



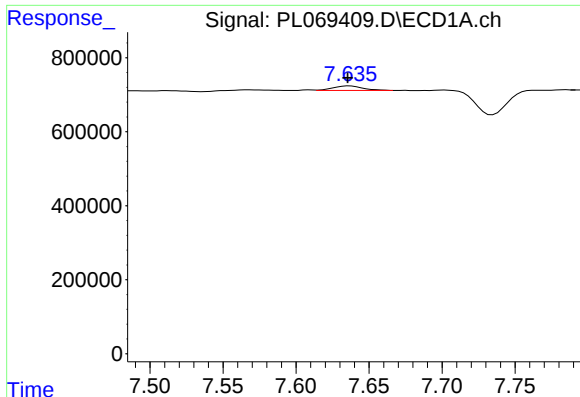
#6 beta-BHC

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 3979482
Conc: 9.08 ng/ml



#6 beta-BHC

R.T.: 6.798 min
Delta R.T.: 0.002 min
Response: 8576541
Conc: 9.13 ng/ml



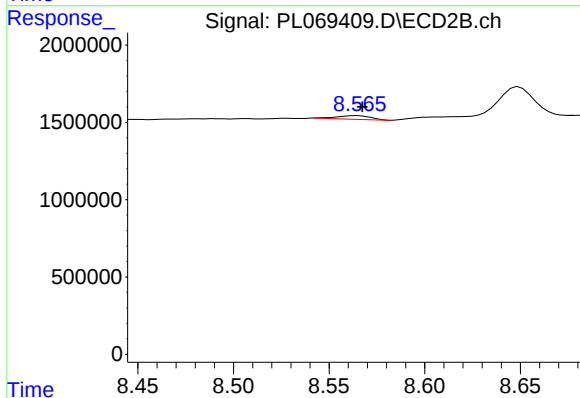
#12 4,4'-DDE

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 169163
Conc: 0.30 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

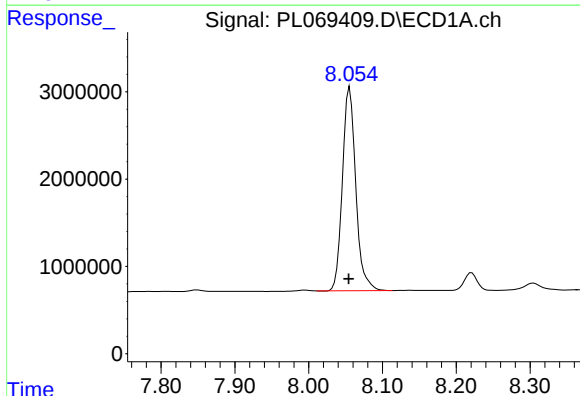
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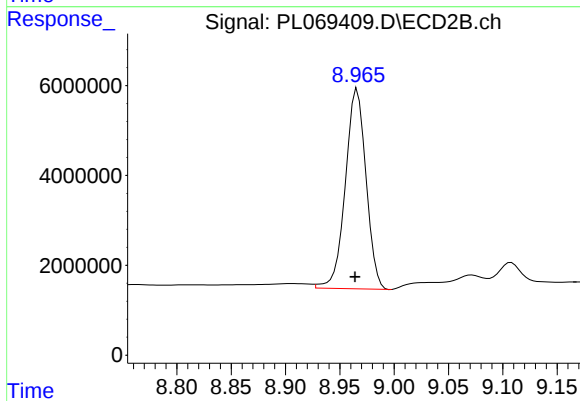
#12 4,4'-DDE

R.T.: 8.565 min
Delta R.T.: -0.003 min
Response: 290991
Conc: 0.21 ng/ml m



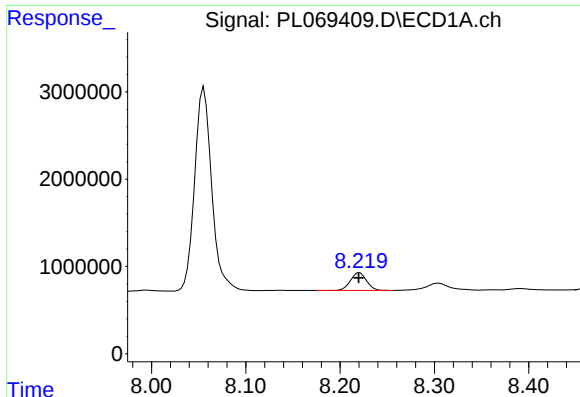
#14 Endrin

R.T.: 8.056 min
Delta R.T.: 0.001 min
Response: 29373280
Conc: 50.86 ng/ml



#14 Endrin

R.T.: 8.966 min
Delta R.T.: 0.002 min
Response: 59069916
Conc: 50.33 ng/ml



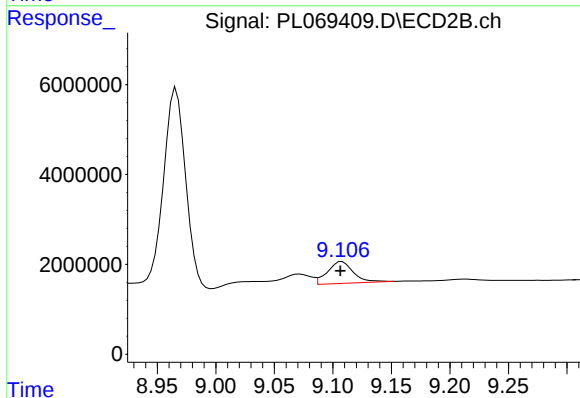
#16 4,4'-DDD

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 2393105
Conc: 4.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

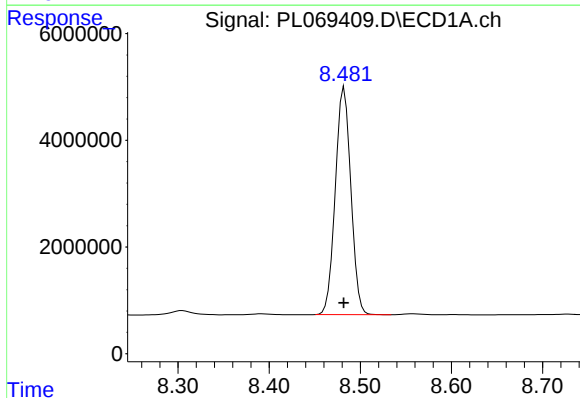
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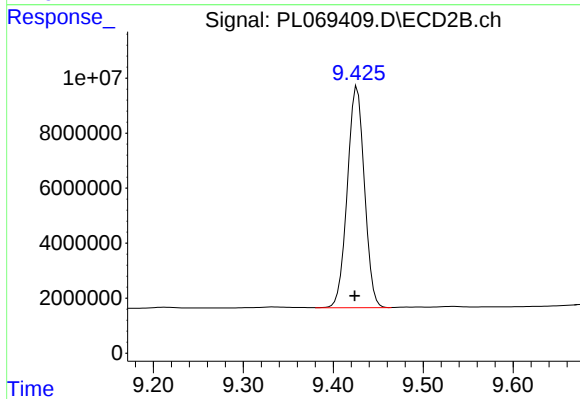
#16 4,4'-DDD

R.T.: 9.108 min
Delta R.T.: 0.002 min
Response: 7476645
Conc: 6.10 ng/ml



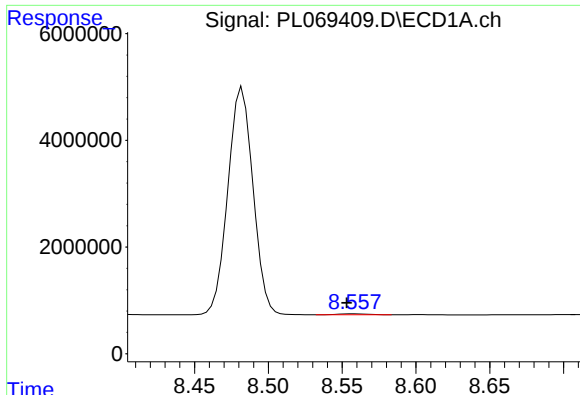
#17 4,4'-DDT

R.T.: 8.482 min
Delta R.T.: 0.000 min
Response: 50562878
Conc: 87.84 ng/ml



#17 4,4'-DDT

R.T.: 9.427 min
Delta R.T.: 0.003 min
Response: 106187006
Conc: 86.67 ng/ml



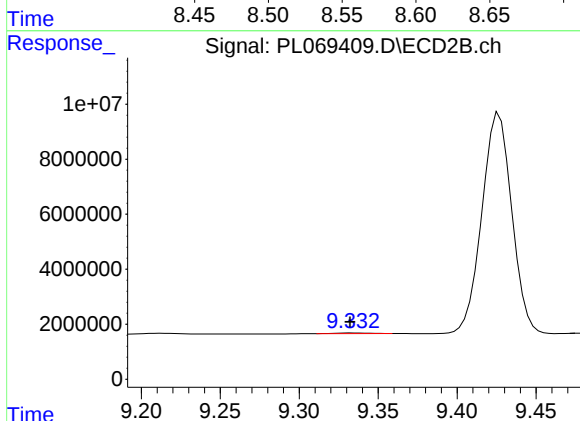
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: 0.003 min
Response: 246048
Conc: 0.54 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

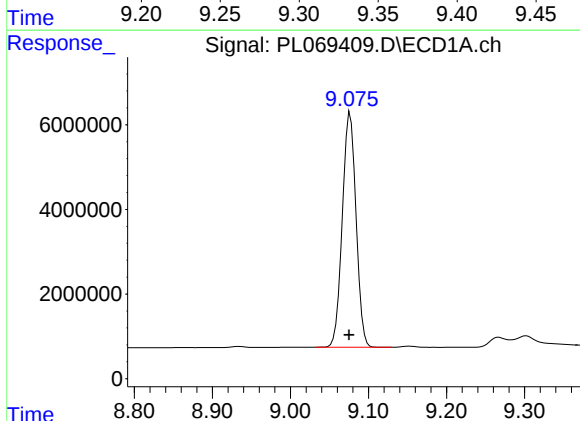
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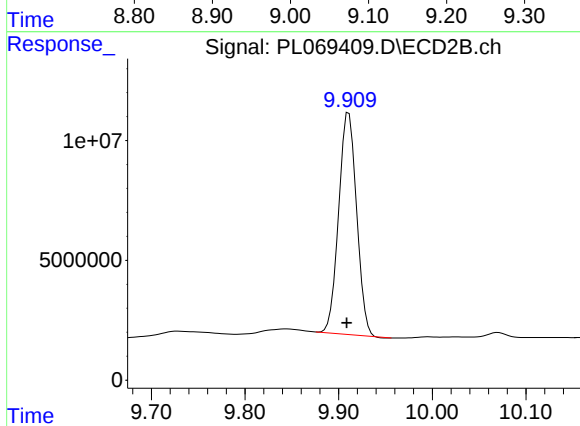
#18 Endrin aldehyde

R.T.: 9.332 min
Delta R.T.: 0.000 min
Response: 325579
Conc: 0.34 ng/ml m



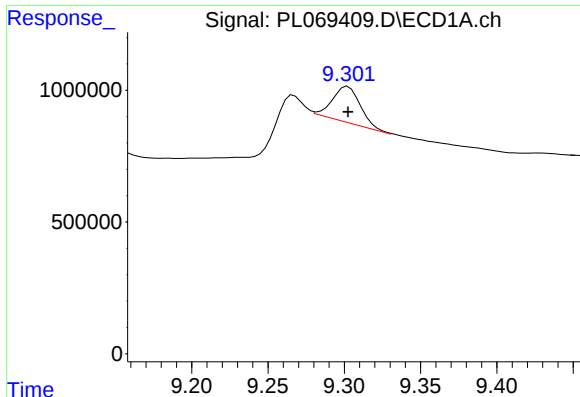
#20 Methoxychlor

R.T.: 9.077 min
Delta R.T.: 0.001 min
Response: 67601947
Conc: 180.49 ng/ml



#20 Methoxychlor

R.T.: 9.911 min
Delta R.T.: 0.002 min
Response: 123482096
Conc: 192.34 ng/ml



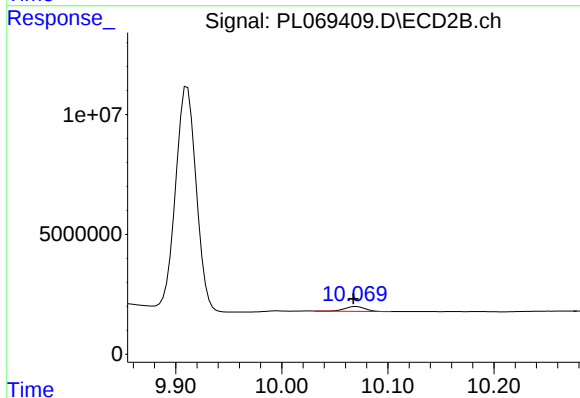
#21 Endrin ketone

R.T.: 9.301 min
Delta R.T.: -0.001 min
Response: 1712404
Conc: 2.47 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

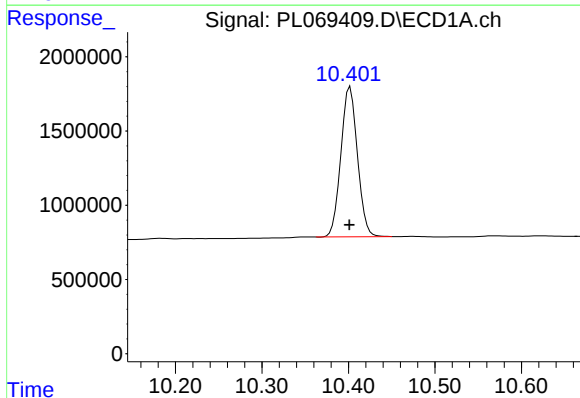
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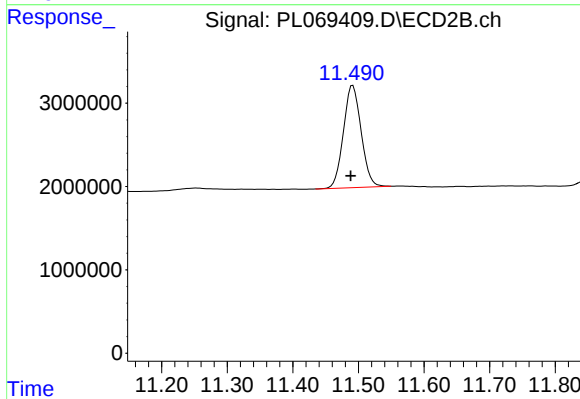
#21 Endrin ketone

R.T.: 10.070 min
Delta R.T.: 0.003 min
Response: 2666544
Conc: 2.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: 0.000 min
Response: 13372133
Conc: 19.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.491 min
Delta R.T.: 0.003 min
Response: 23097910
Conc: 18.85 ng/ml