

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042122\
 Data File : PL074271.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2022 16:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/22/2022
 Supervised By :mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 03:24:33 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...	4.637	5.488	7387527	37406954	22.864	20.980
28)	SA Decachlor...	10.405	11.331	8813214	28855014	16.947m	16.336
Target Compounds							
2)	A alpha-BHC	5.344	6.051	4452099	22931600	10.609	9.107
3)	MA gamma-BHC...	5.768	6.440	4343000	21177933	10.355	8.947
6)	B beta-BHC	6.148	6.678	2390672	10988452	11.700	9.750
12)	B 4,4'-DDE	7.641	8.460	154169	364005	0.423	0.183 #
14)	MA Endrin	8.059	8.844	19421397	61364087	47.808	36.232
16)	A 4,4'-DDD	8.225	8.987	1156642	4059758	3.582	2.639 #
17)	MA 4,4'-DDT	8.487	9.306	28111237	91393340	76.050	51.557 #
18)	B Endrin al...	8.560	9.200	320036	707207	0.989	0.548m#
20)	A Methoxychlor	9.082	9.786	36638750	110.9E6	147.577	115.253
21)	B Endrin ke...	9.309	9.927	1468504	4152042	3.006	2.399

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

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Acq On : 21 Apr 2022 16:39
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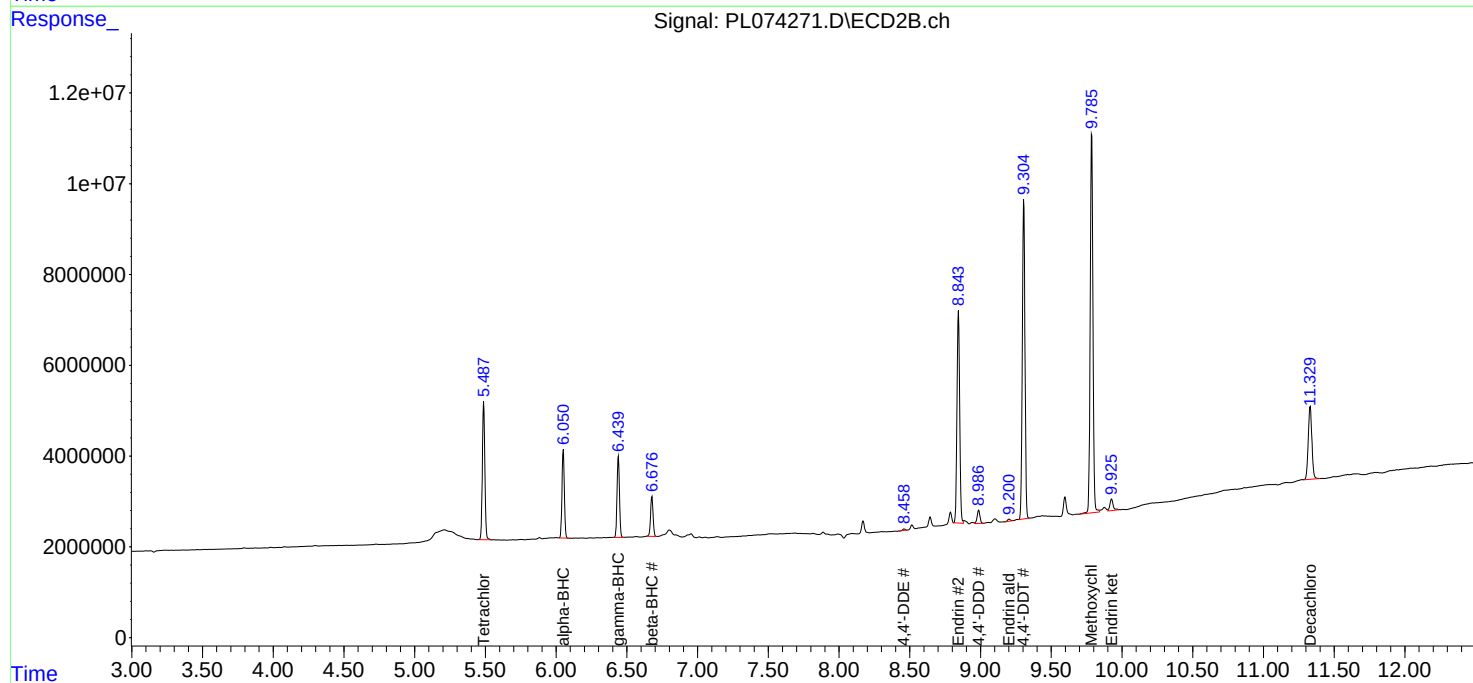
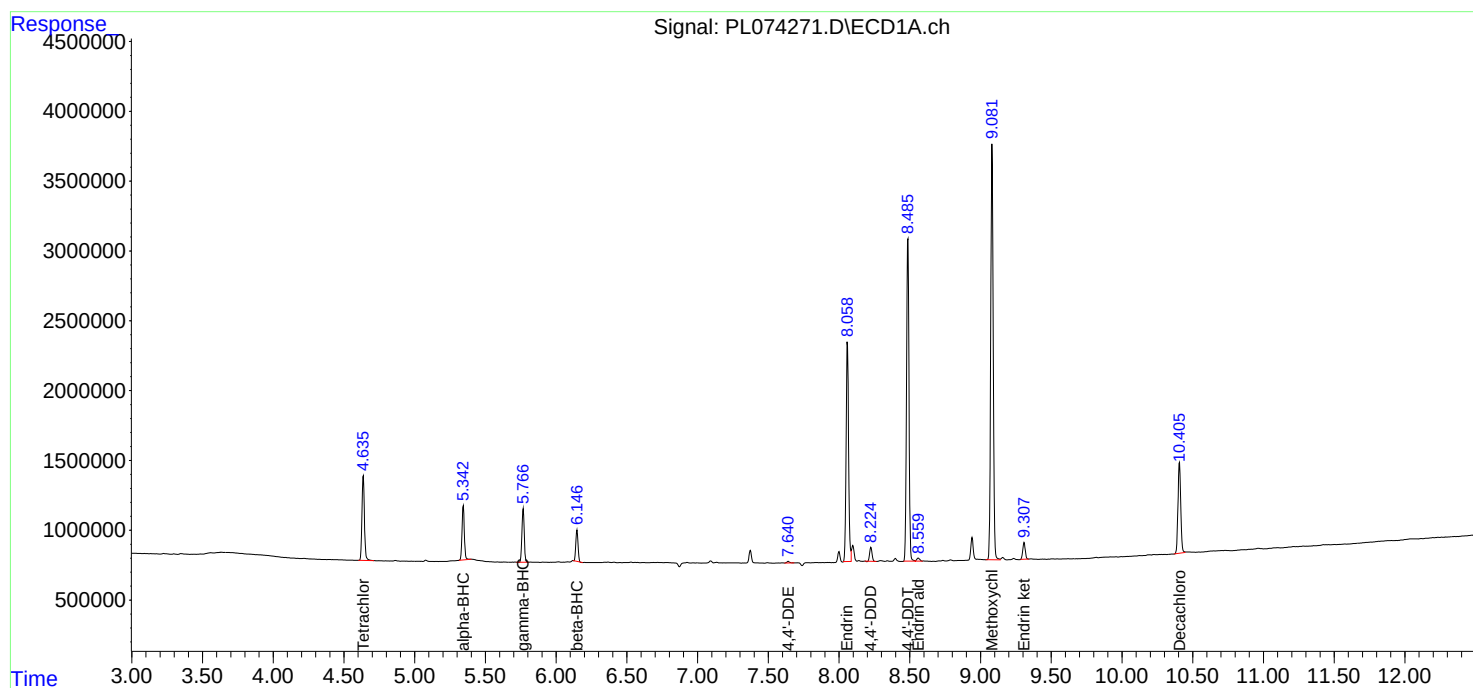
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ECD_L
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PEM

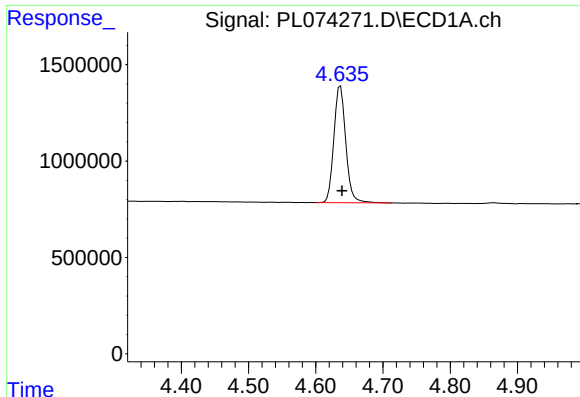
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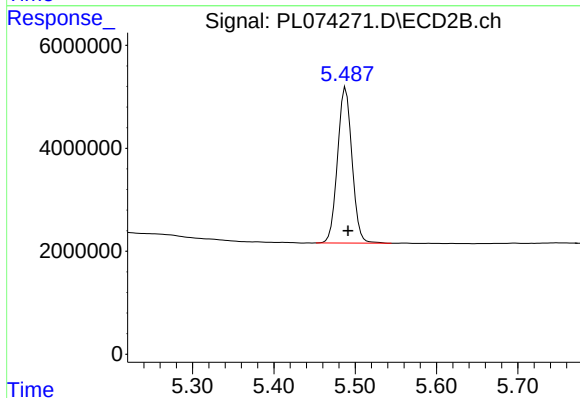
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 7387527
Conc: 22.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

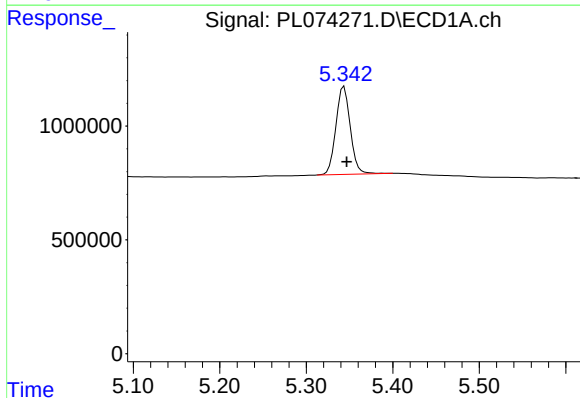
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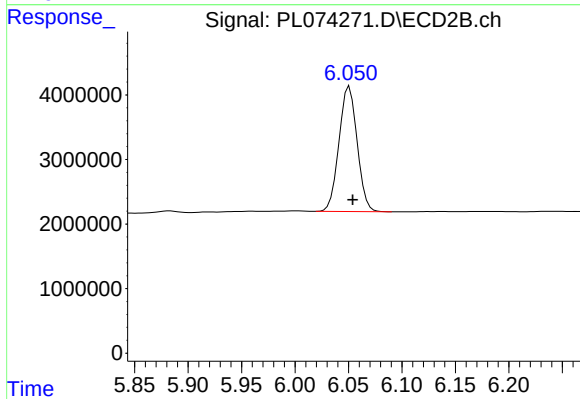
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 37406954
Conc: 20.98 ng/ml



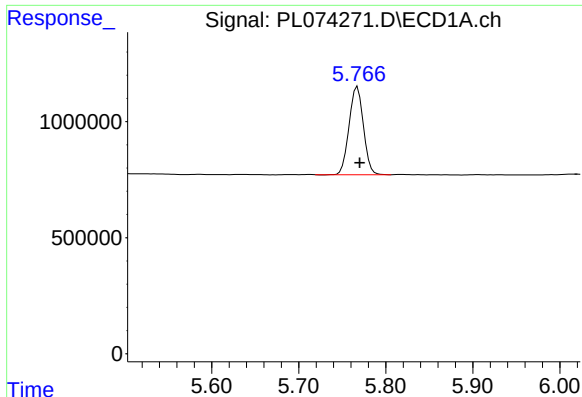
#2 alpha-BHC

R.T.: 5.344 min
Delta R.T.: -0.003 min
Response: 4452099
Conc: 10.61 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 22931600
Conc: 9.11 ng/ml



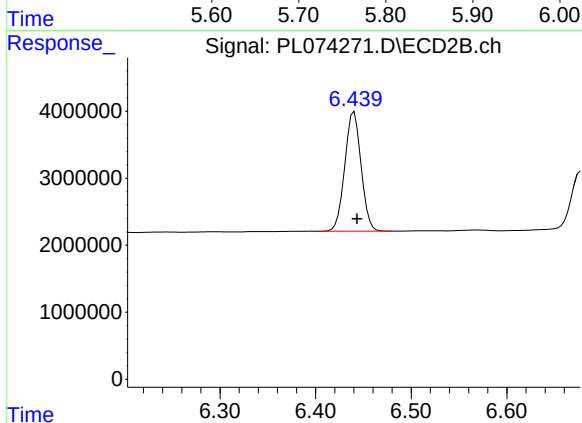
#3 gamma-BHC (Lindane)

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 4343000
Conc: 10.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

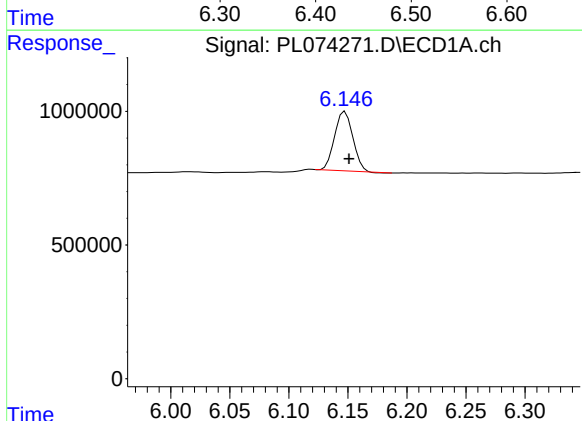
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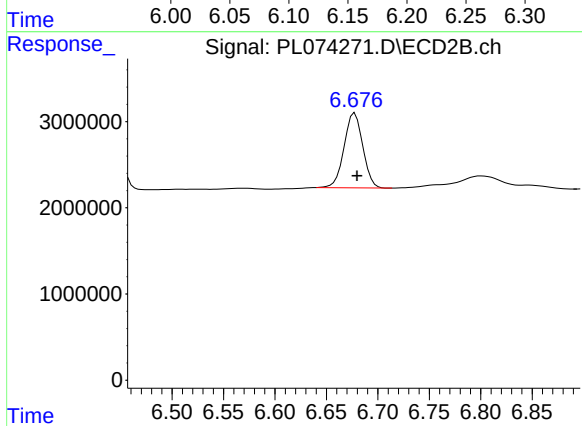
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 21177933
Conc: 8.95 ng/ml



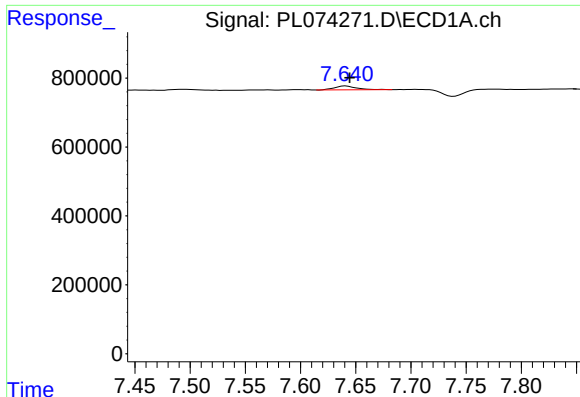
#6 beta-BHC

R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 2390672
Conc: 11.70 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 10988452
Conc: 9.75 ng/ml



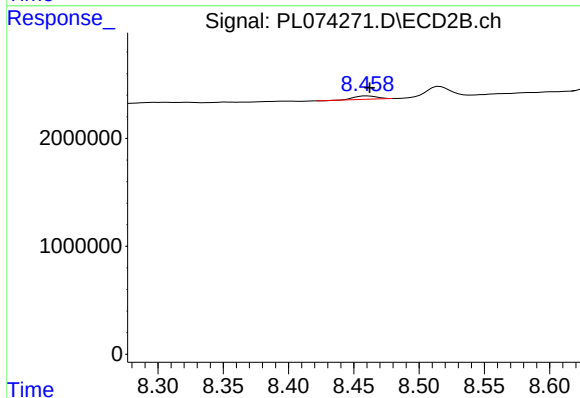
#12 4,4'-DDE

R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 154169
Conc: 0.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

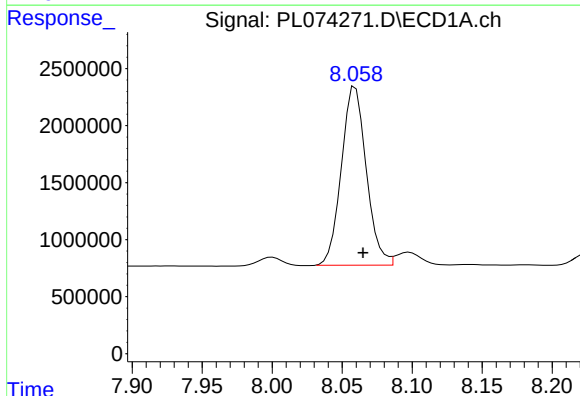
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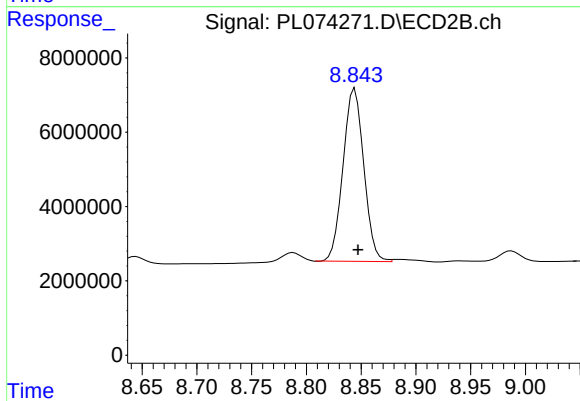
#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 364005
Conc: 0.18 ng/ml



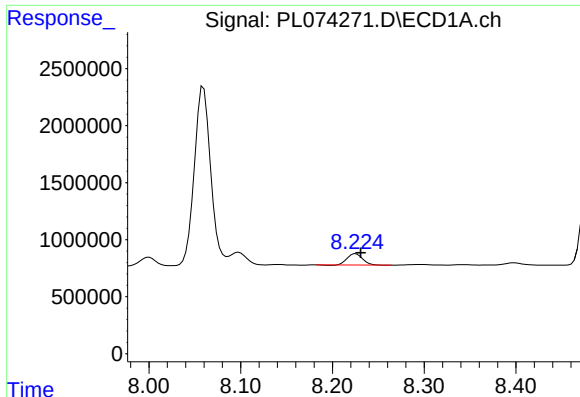
#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 19421397
Conc: 47.81 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 61364087
Conc: 36.23 ng/ml



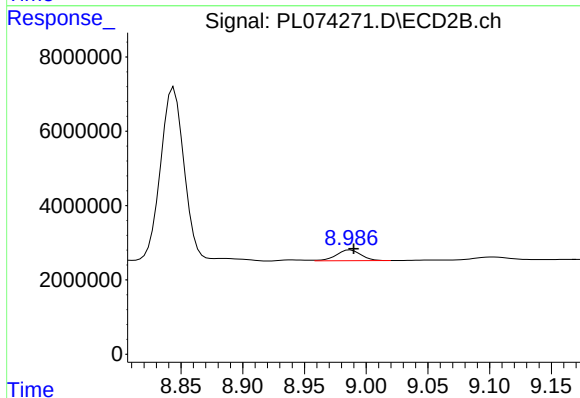
#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 1156642
Conc: 3.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

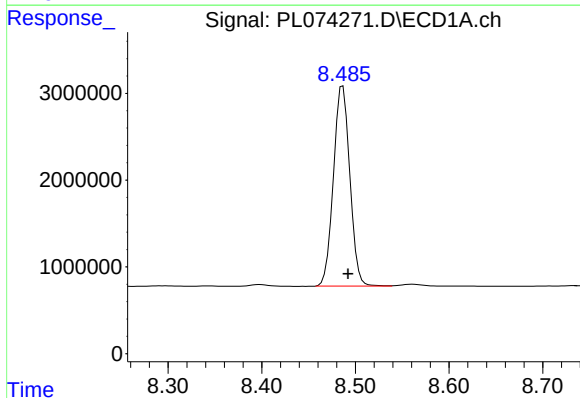
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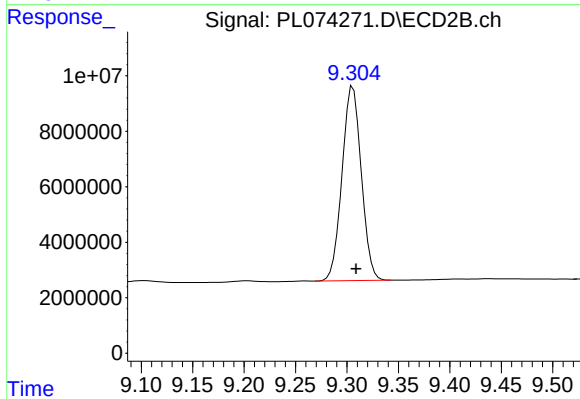
#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 4059758
Conc: 2.64 ng/ml



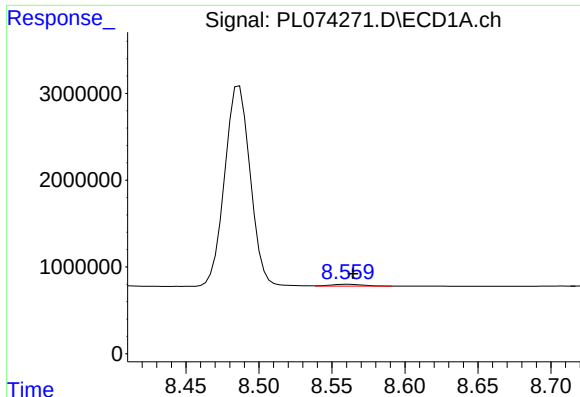
#17 4,4'-DDT

R.T.: 8.487 min
Delta R.T.: -0.006 min
Response: 28111237
Conc: 76.05 ng/ml



#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 91393340
Conc: 51.56 ng/ml



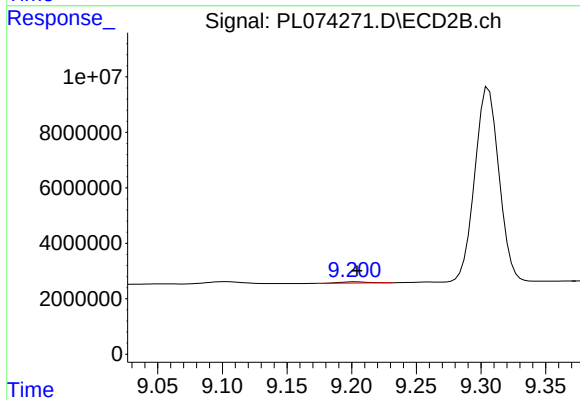
#18 Endrin aldehyde

R.T.: 8.560 min
Delta R.T.: -0.004 min
Response: 320036
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

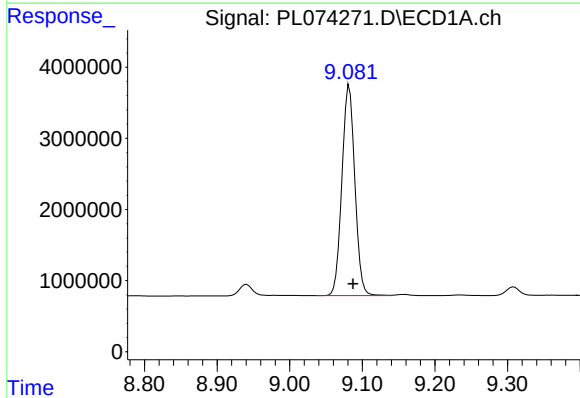
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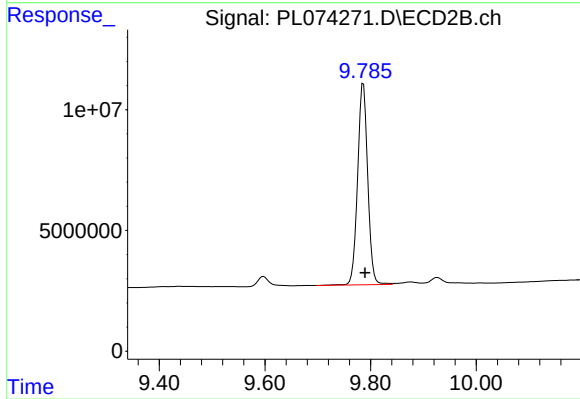
#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 707207
Conc: 0.55 ng/ml m



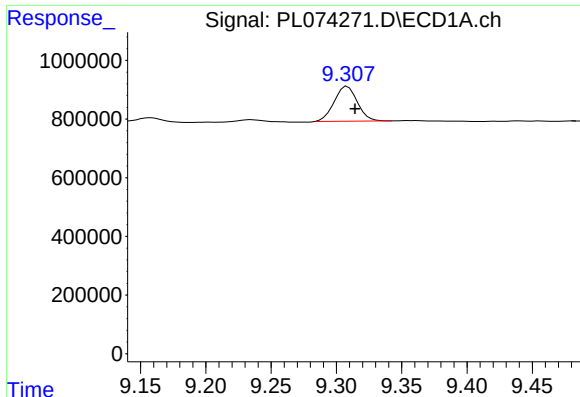
#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: -0.005 min
Response: 36638750
Conc: 147.58 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 110855353
Conc: 115.25 ng/ml



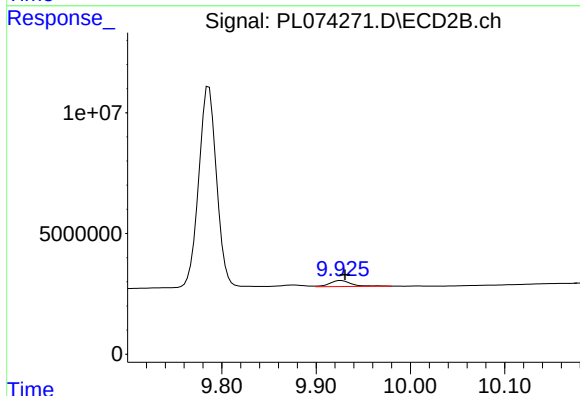
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: -0.006 min
Response: 1468504
Conc: 3.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

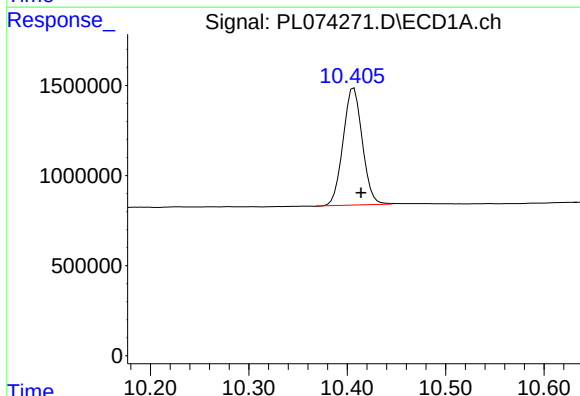
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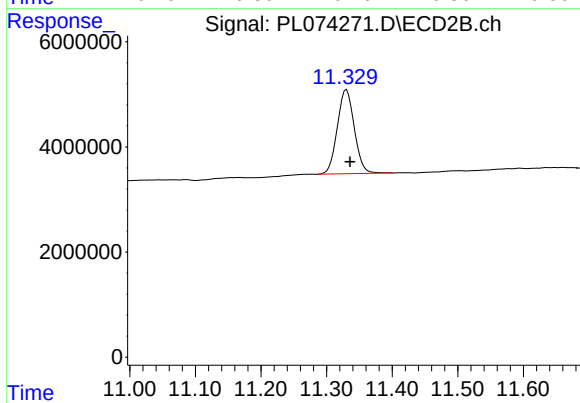
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 4152042
Conc: 2.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.009 min
Response: 8813214
Conc: 16.95 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.006 min
Response: 28855014
Conc: 16.34 ng/ml