

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050222\
 Data File : PL074465.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2022 10:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/03/2022
 Supervised By : mohammad ahmed 05/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 00:58:53 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...	4.634	5.489	7263532	38777799	22.480	21.749
28)	SA Decachlor...	10.402	11.331	11672477	38605570	22.446m	21.857
Target Compounds							
2)	A alpha-BHC	5.341	6.052	4422771	25807971	10.539	10.249
3)	MA gamma-BHC...	5.765	6.441	4434060	24624655	10.572	10.403
6)	B beta-BHC	6.146	6.679	2363206	13528324	11.566	12.004
12)	B 4,4'-DDE	7.639	8.459	125371	569301	0.344	0.286m
14)	MA Endrin	8.057	8.845	23080897	97572595	56.817	57.610
16)	A 4,4'-DDD	8.223	8.988	191289	583412	0.592m	0.379m#
17)	MA 4,4'-DDT	8.485	9.306	43689978	197.0E6	118.196	111.134
18)	B Endrin al...	8.561	9.201	181731	181194	0.562m	0.140m#
20)	A Methoxychlor	9.079	9.787	58474931	238.1E6	235.531	247.531
21)	B Endrin ke...	9.306	9.928	413914	1335134	0.847	0.771

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

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Acq On : 02 May 2022 10:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

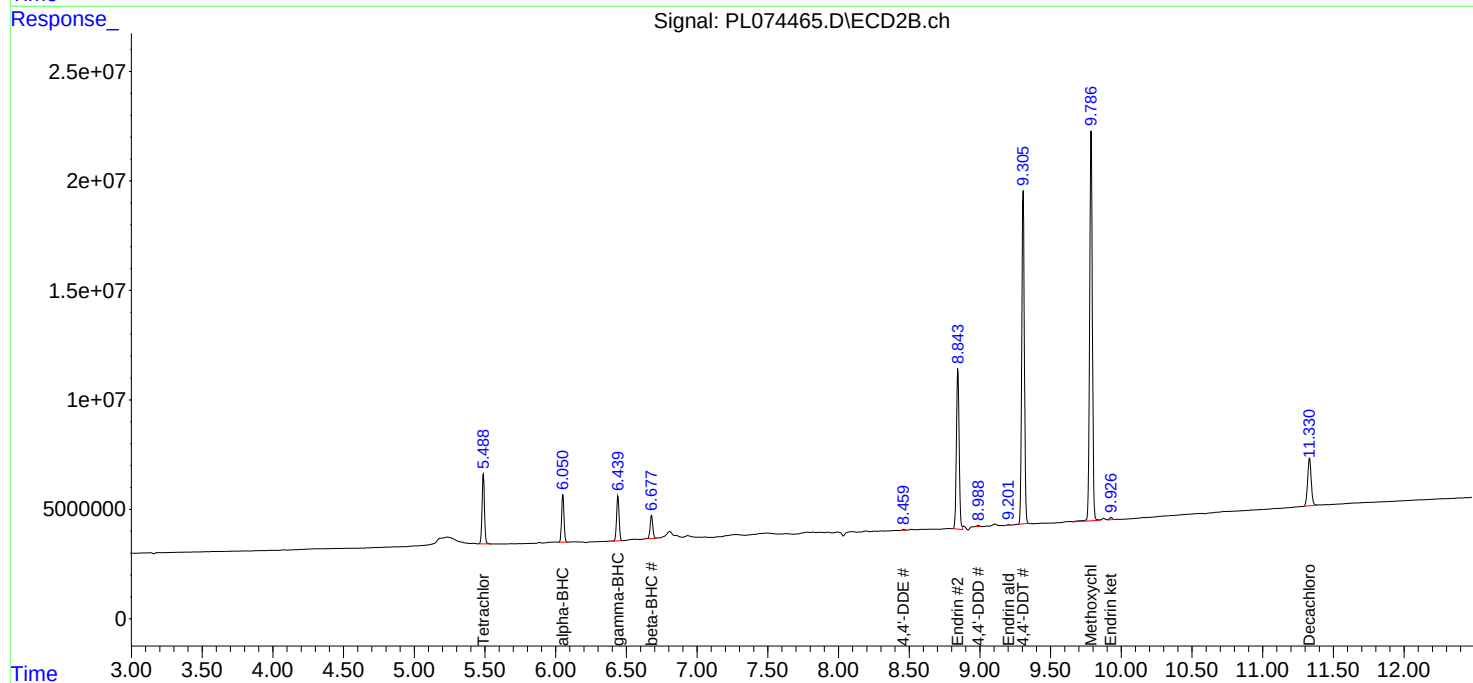
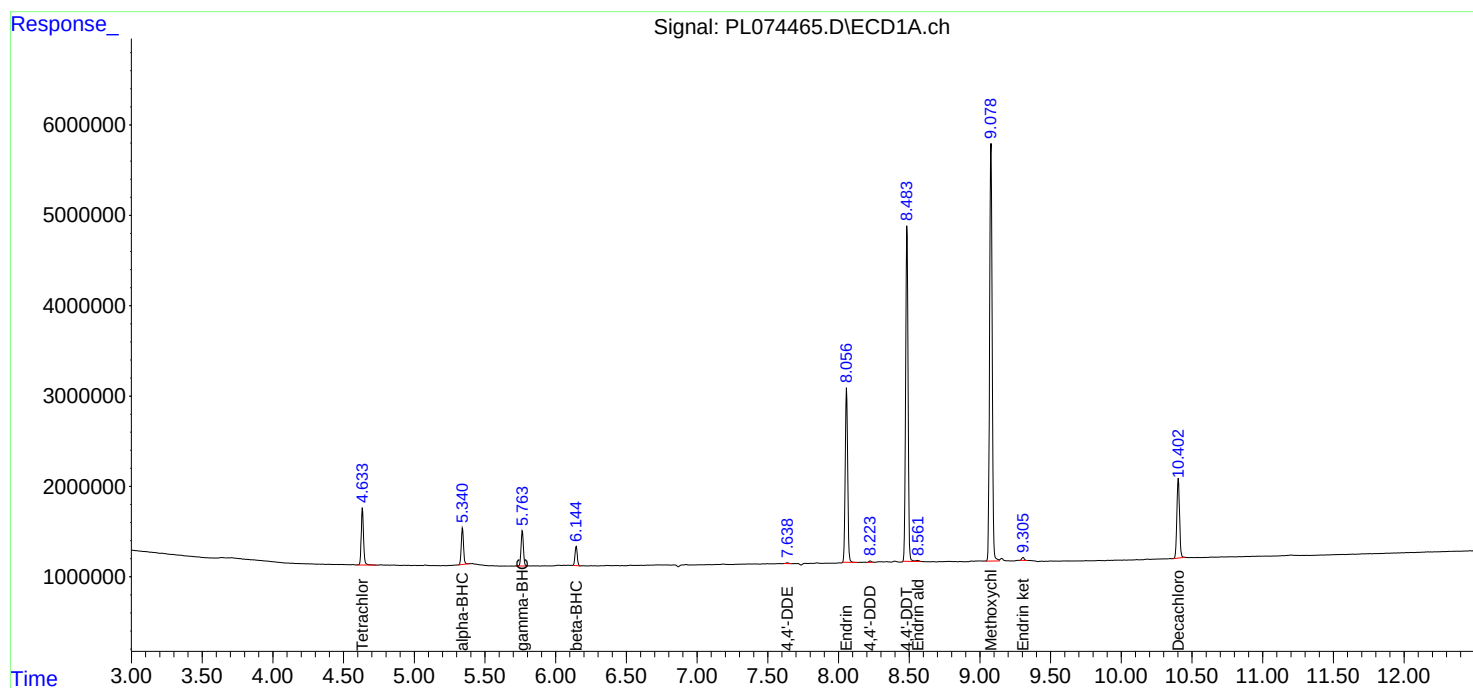
Instrument :
ECD_L
ClientSampleId :
PEM

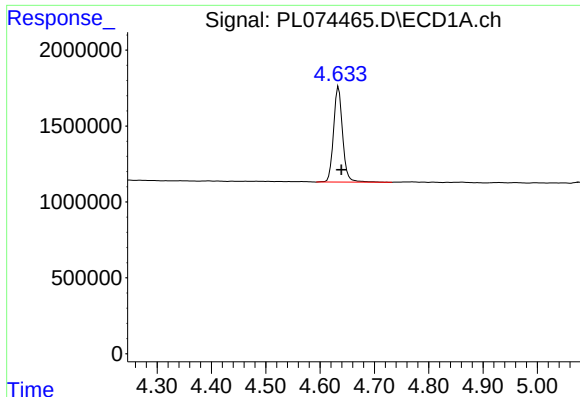
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Integration File signal 1: autoint1.e
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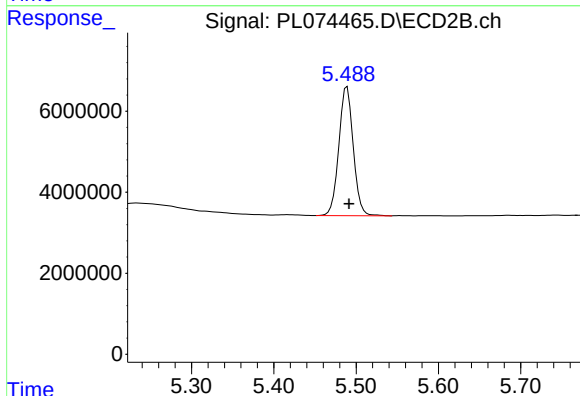
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 7263532
Conc: 22.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

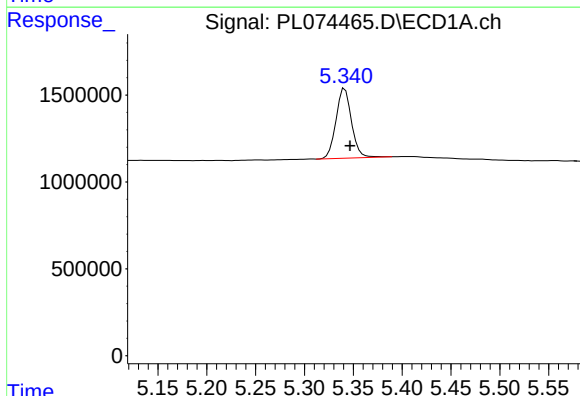
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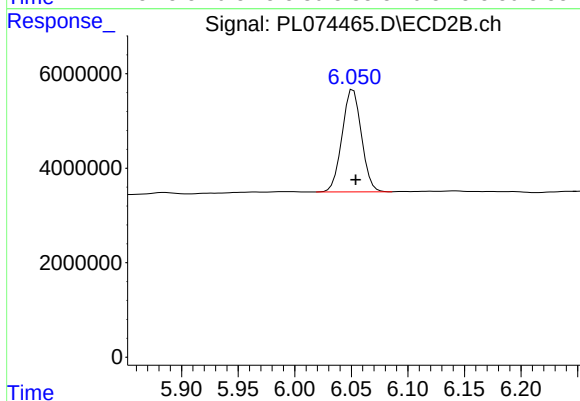
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 38777799
Conc: 21.75 ng/ml



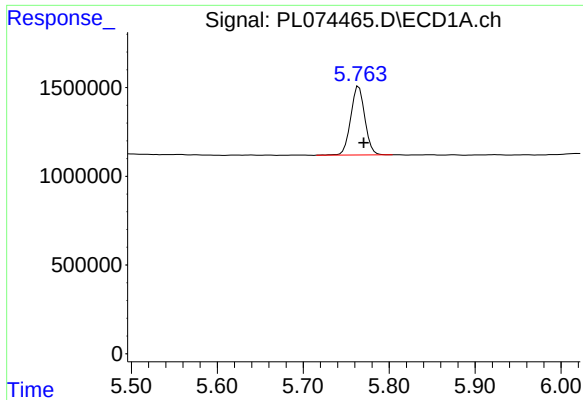
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 4422771
Conc: 10.54 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 25807971
Conc: 10.25 ng/ml



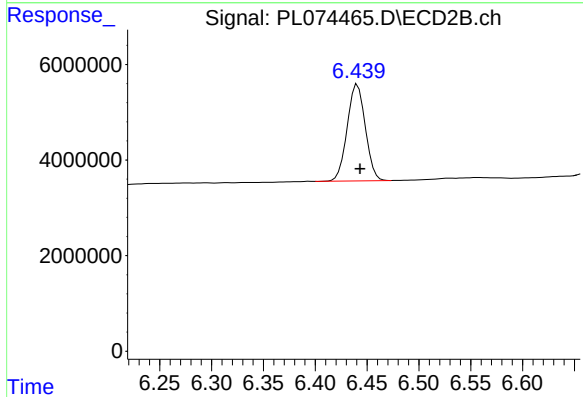
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 4434060
Conc: 10.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

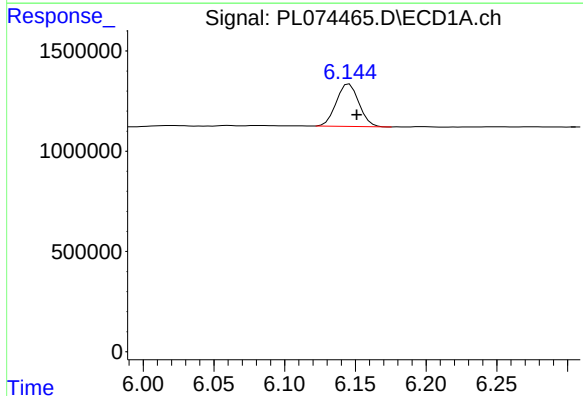
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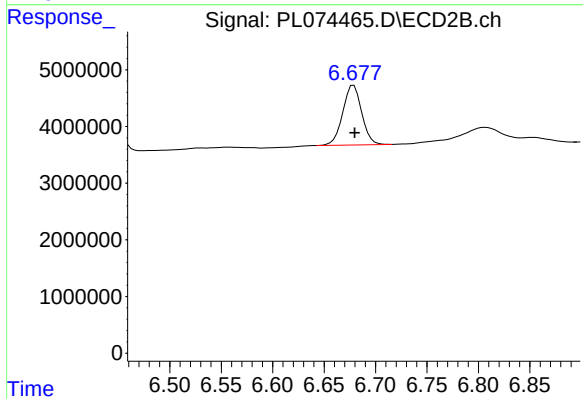
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 24624655
Conc: 10.40 ng/ml



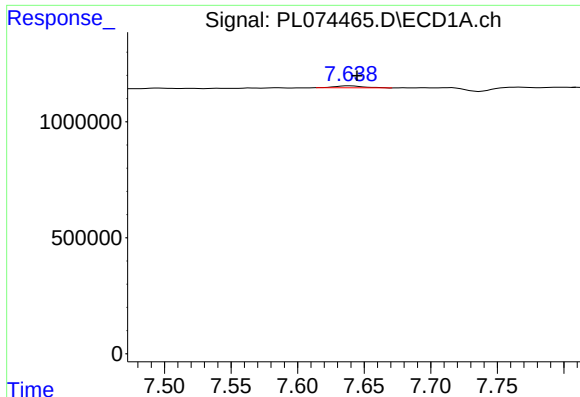
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 2363206
Conc: 11.57 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 13528324
Conc: 12.00 ng/ml



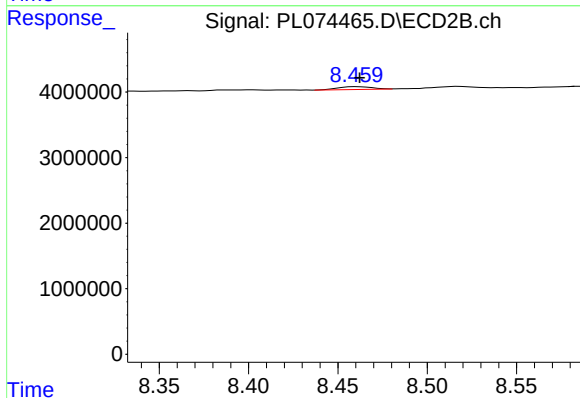
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 125371
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

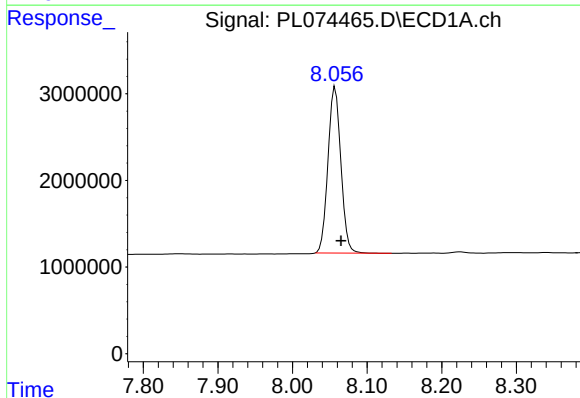
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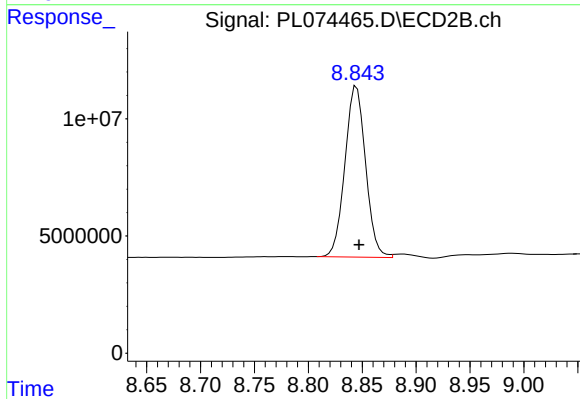
#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 569301
Conc: 0.29 ng/ml m



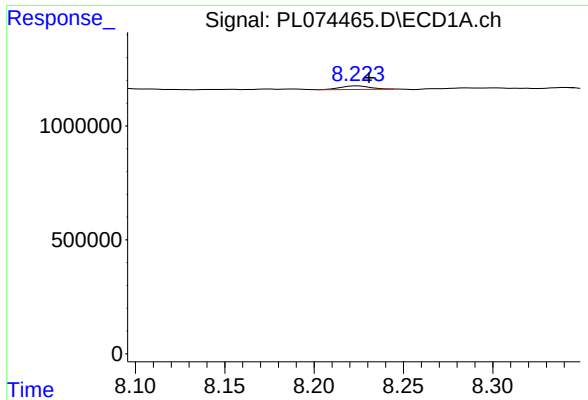
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.008 min
Response: 23080897
Conc: 56.82 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 97572595
Conc: 57.61 ng/ml



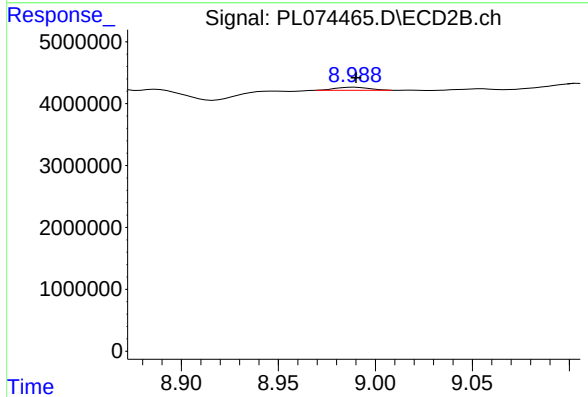
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.008 min
Response: 191289
Conc: 0.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

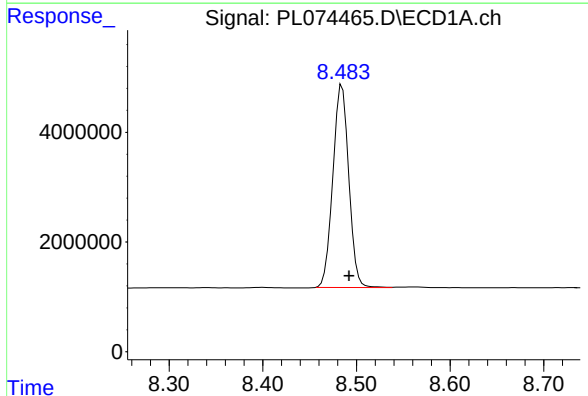
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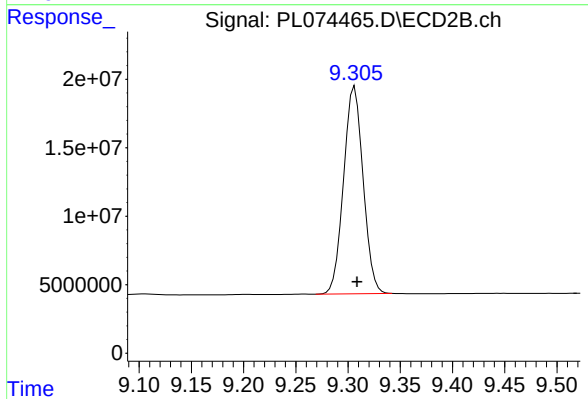
#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 583412
Conc: 0.38 ng/ml m



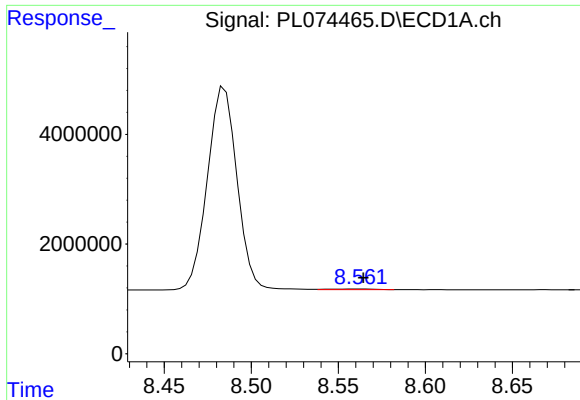
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 43689978
Conc: 118.20 ng/ml



#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 197002877
Conc: 111.13 ng/ml



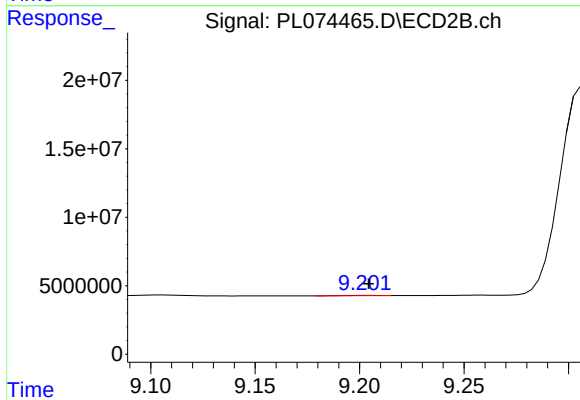
#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.003 min
Response: 181731
Conc: 0.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

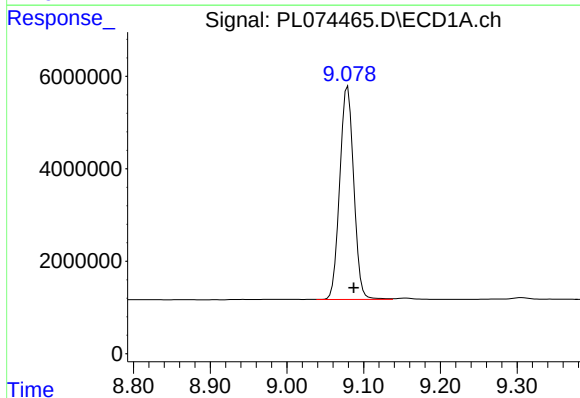
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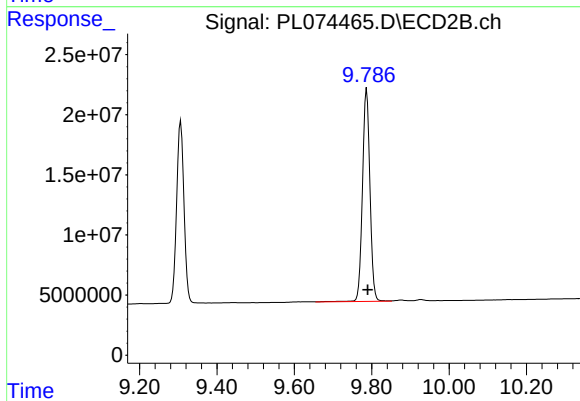
#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 181194
Conc: 0.14 ng/ml m



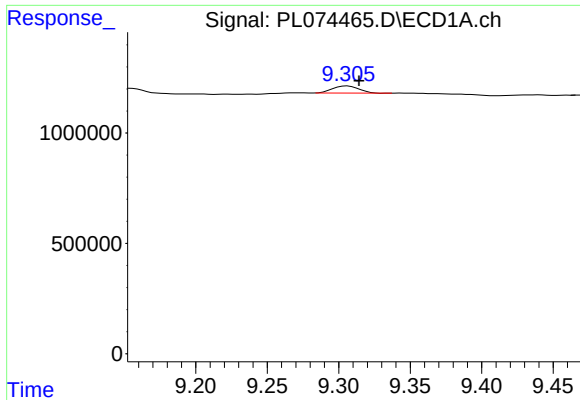
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 58474931
Conc: 235.53 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 238086936
Conc: 247.53 ng/ml



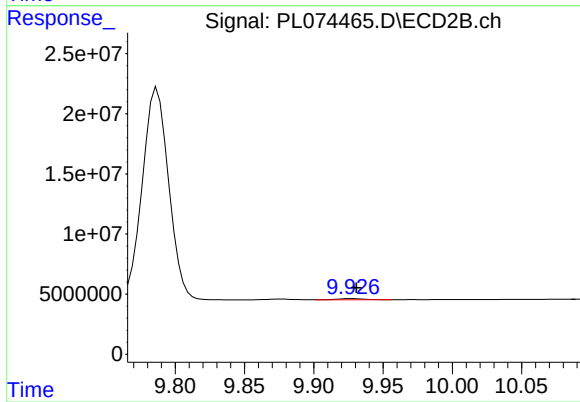
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.008 min
Response: 413914
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

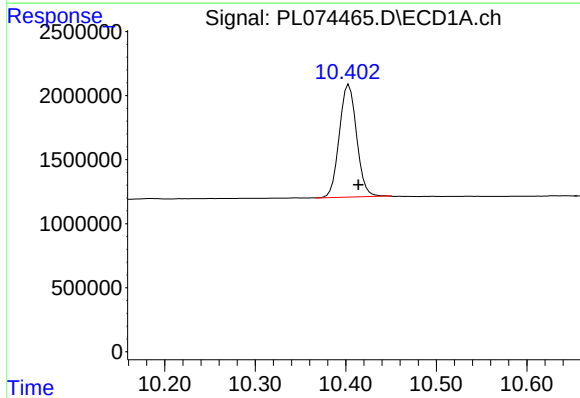
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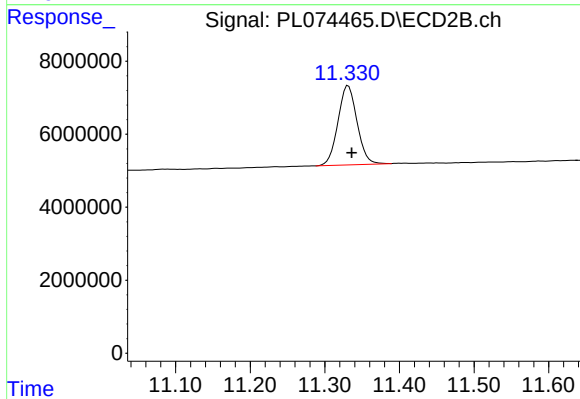
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 1335134
Conc: 0.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 11672477
Conc: 22.45 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 38605570
Conc: 21.86 ng/ml