

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050322\
 Data File : PL074488.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2022 16:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 04:52:53 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...	4.632	5.488	7538129	40829209	23.330	22.900
28)	SA Decachlor...	10.400	11.330	12369994	42875376	23.787m	24.274
Target Compounds							
2)	A alpha-BHC	5.340	6.051	4596136	25813806	10.952	10.251
3)	MA gamma-BHC...	5.763	6.440	4673417	25114276	11.143	10.610
6)	B beta-BHC	6.144	6.678	2658060	13543687	13.009	12.017
12)	B 4,4'-DDE	7.637	8.461	122663	523806	0.336	0.263
14)	MA Endrin	8.055	8.844	23348196	105.1E6	57.475	62.049
16)	A 4,4'-DDD	8.222	8.986	605623	2700848	1.875	1.755m
17)	MA 4,4'-DDT	8.481	9.306	43925672	202.3E6	118.834m	114.143
18)	B Endrin al...	8.555	9.200	208915	531149	0.646m	0.411m#
20)	A Methoxychlor	9.077	9.786	61855306	253.5E6	249.147	263.604
21)	B Endrin ke...	9.304	9.927	880530	2807928	1.802	1.622

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

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Sample : PEM
Misc :
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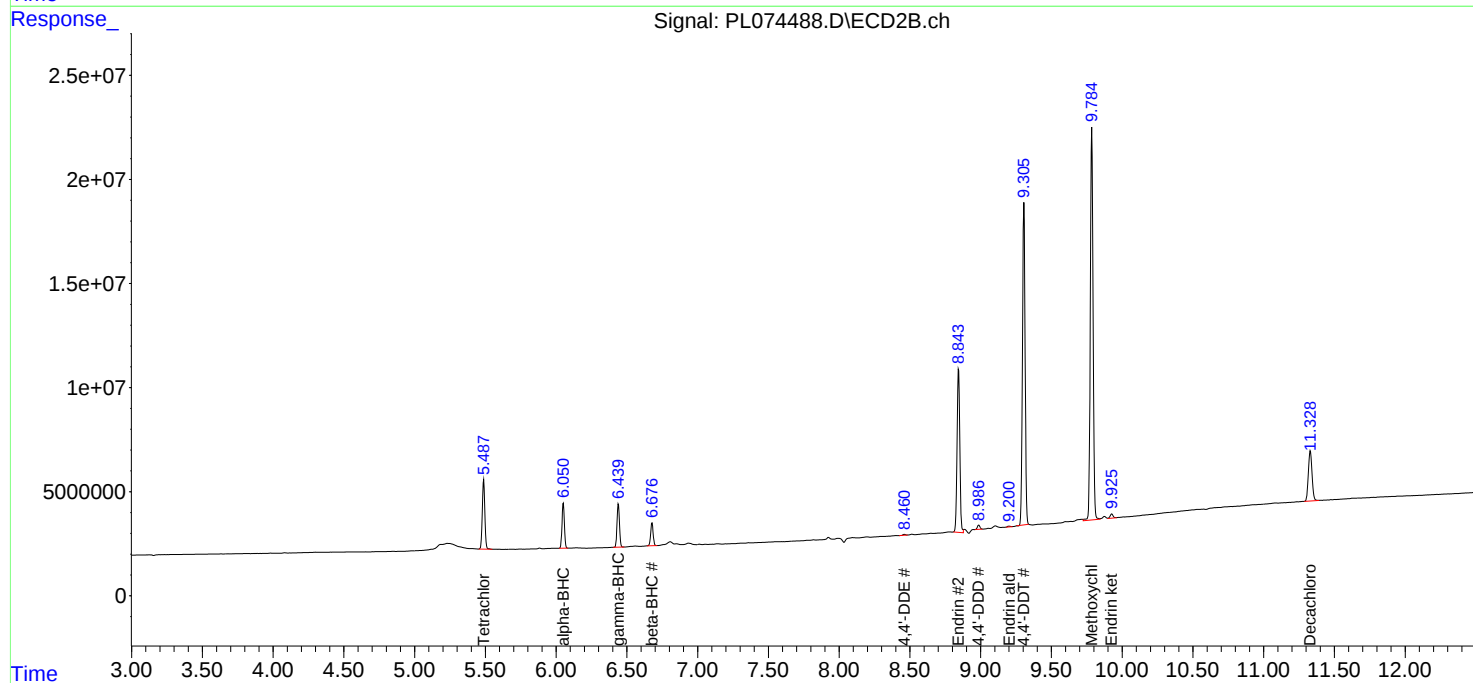
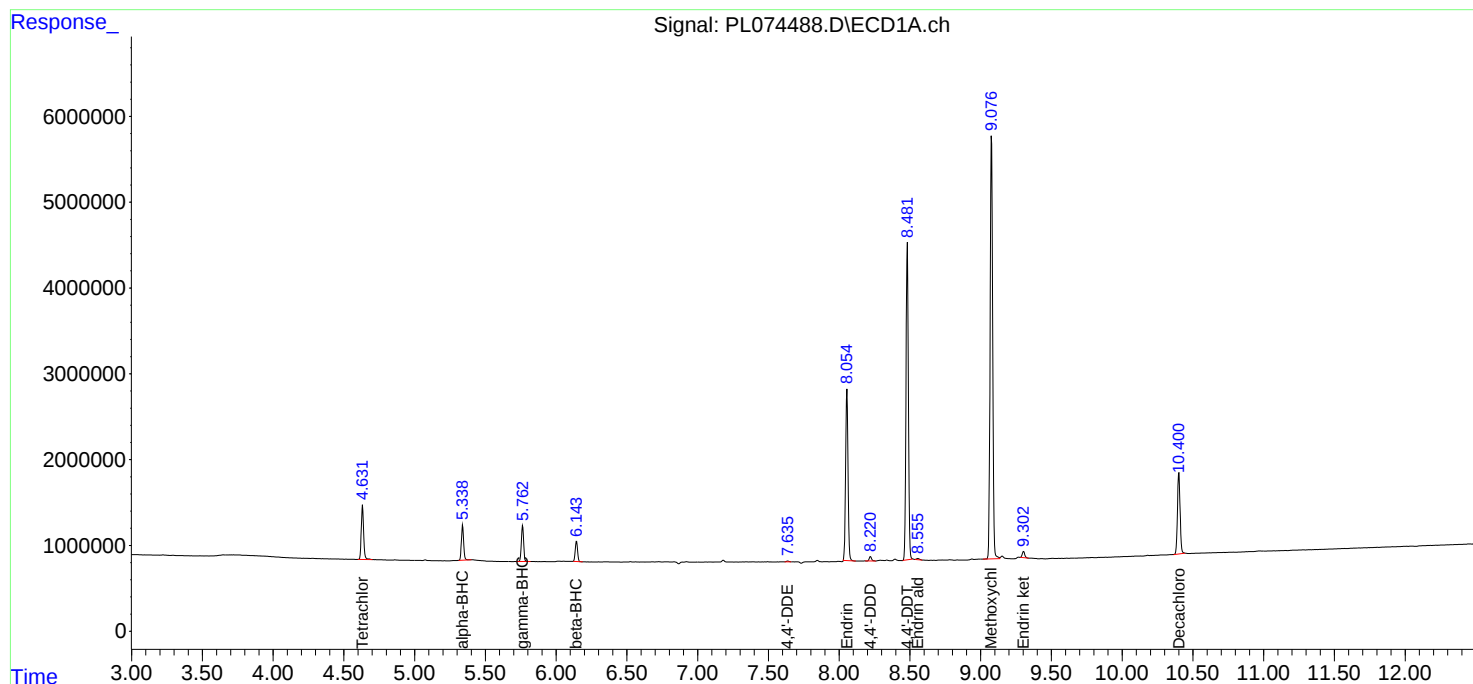
Instrument :
ECD_L
ClientSampleId :
PEM

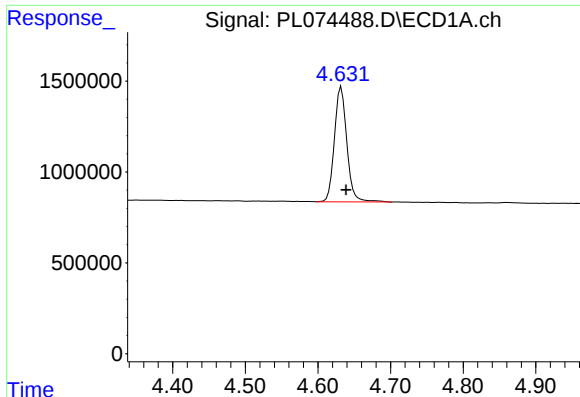
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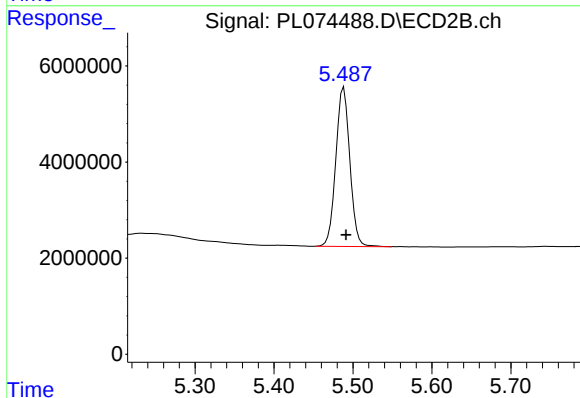
#1 Tetrachloro-m-xylene

R.T.: 4.632 min
Delta R.T.: -0.007 min
Response: 7538129
Conc: 23.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

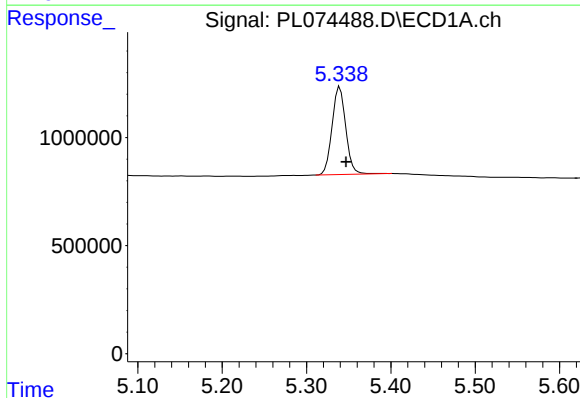
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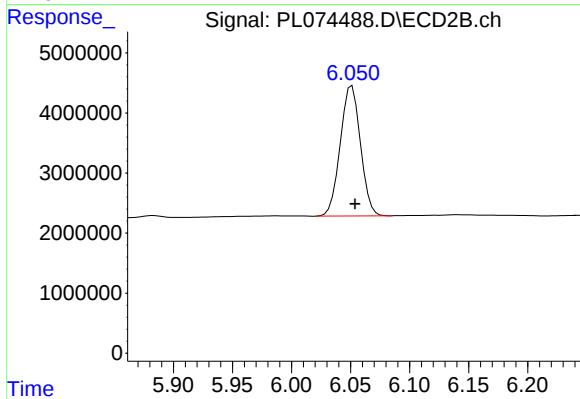
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 40829209
Conc: 22.90 ng/ml



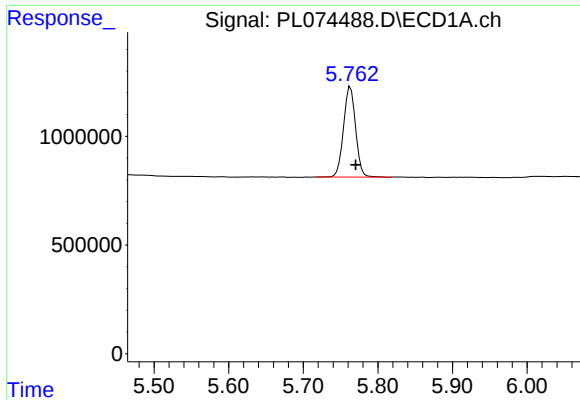
#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: -0.007 min
Response: 4596136
Conc: 10.95 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 25813806
Conc: 10.25 ng/ml



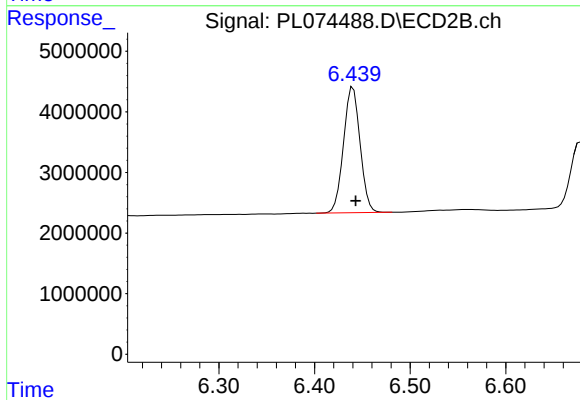
#3 gamma-BHC (Lindane)

R.T.: 5.763 min
Delta R.T.: -0.007 min
Response: 4673417
Conc: 11.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

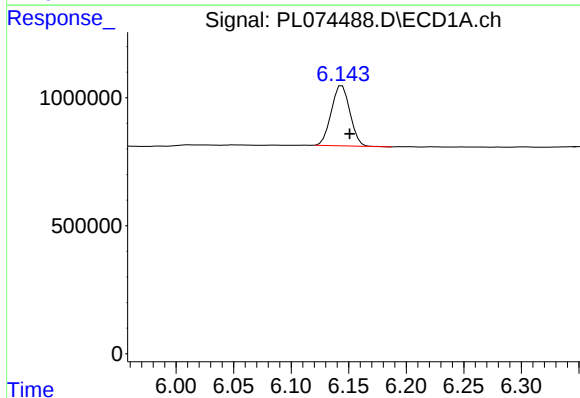
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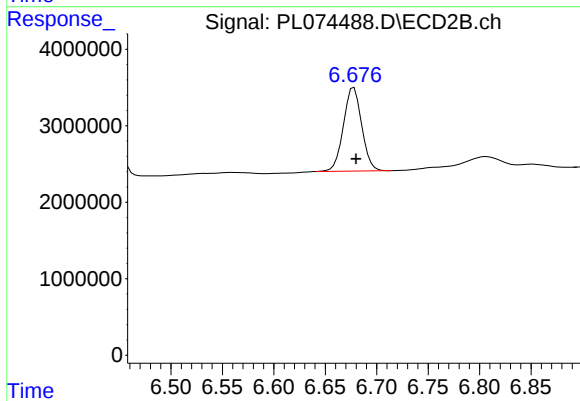
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 25114276
Conc: 10.61 ng/ml



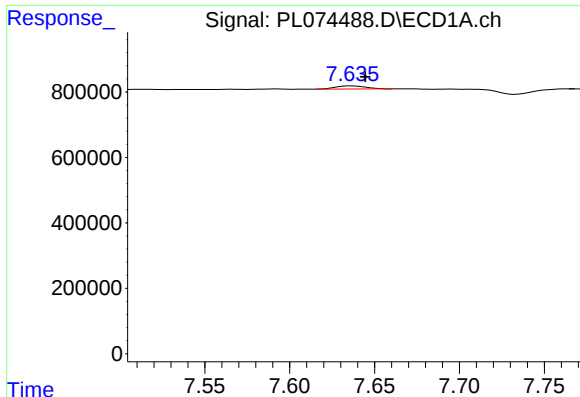
#6 beta-BHC

R.T.: 6.144 min
Delta R.T.: -0.007 min
Response: 2658060
Conc: 13.01 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 13543687
Conc: 12.02 ng/ml



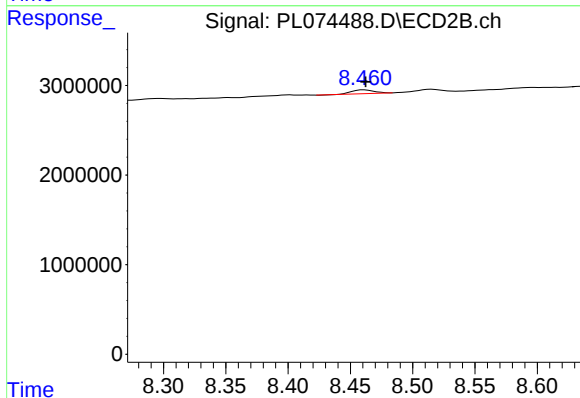
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 122663
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

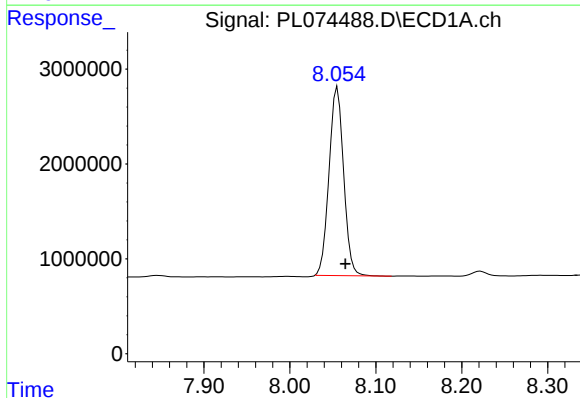
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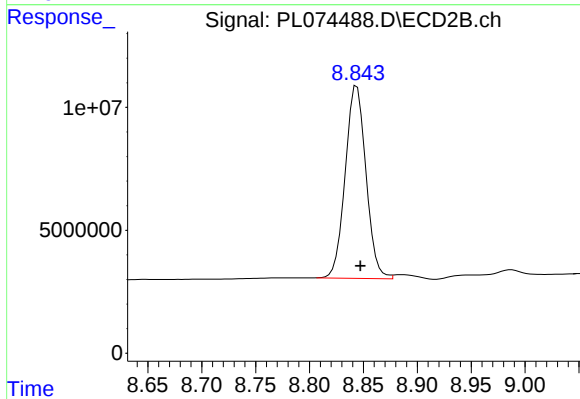
#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 523806
Conc: 0.26 ng/ml



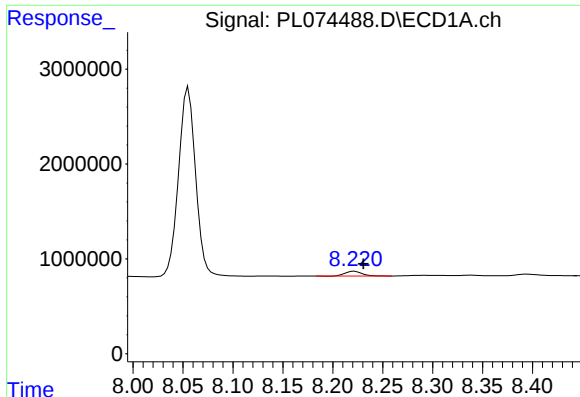
#14 Endrin

R.T.: 8.055 min
Delta R.T.: -0.010 min
Response: 23348196
Conc: 57.47 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 105090762
Conc: 62.05 ng/ml



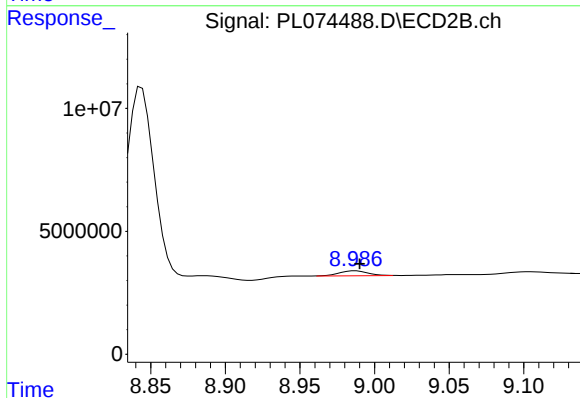
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.009 min
Response: 605623
Conc: 1.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

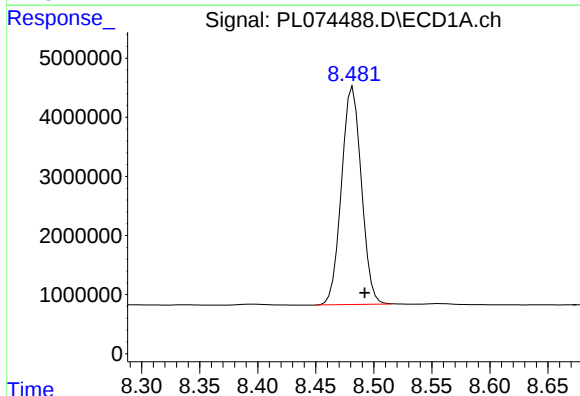
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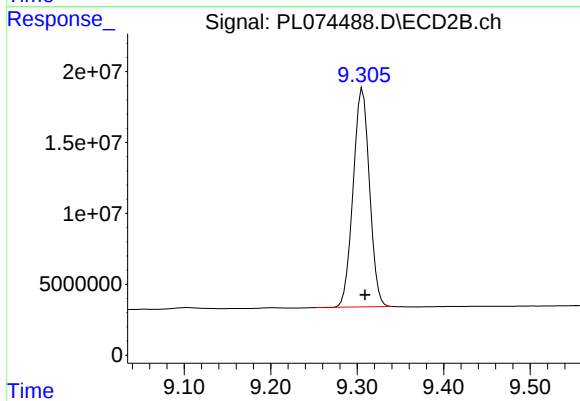
#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.004 min
Response: 2700848
Conc: 1.76 ng/ml m



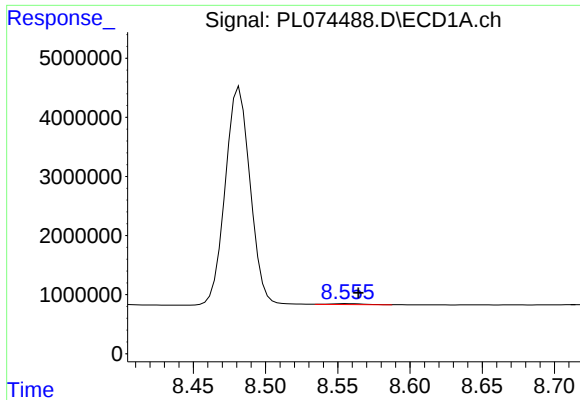
#17 4,4'-DDT

R.T.: 8.481 min
Delta R.T.: -0.011 min
Response: 43925672
Conc: 118.83 ng/ml m



#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 202337214
Conc: 114.14 ng/ml



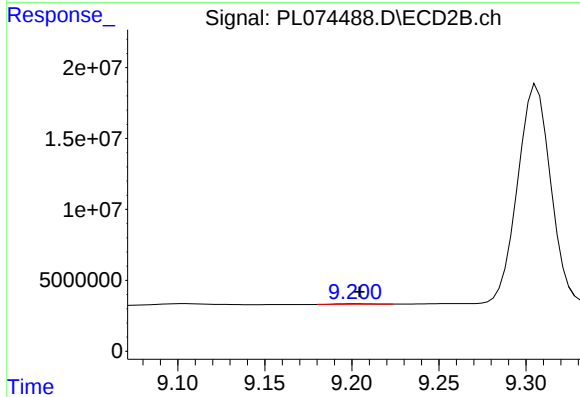
#18 Endrin aldehyde

R.T.: 8.555 min
Delta R.T.: -0.009 min
Response: 208915
Conc: 0.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

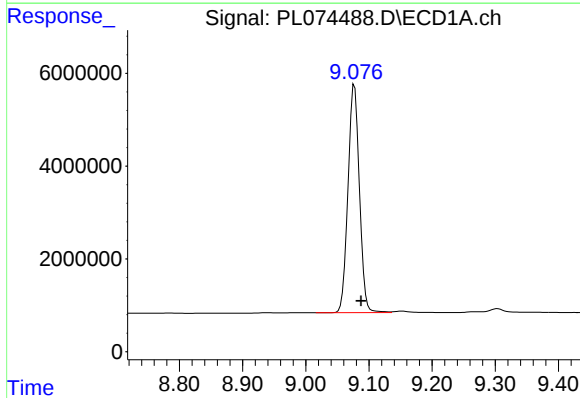
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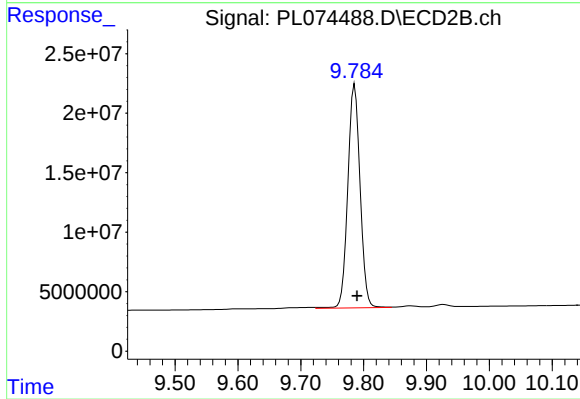
#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 531149
Conc: 0.41 ng/ml m



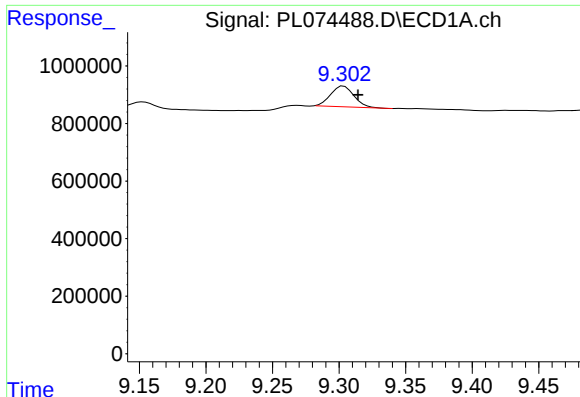
#20 Methoxychlor

R.T.: 9.077 min
Delta R.T.: -0.010 min
Response: 61855306
Conc: 249.15 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.004 min
Response: 253546104
Conc: 263.60 ng/ml



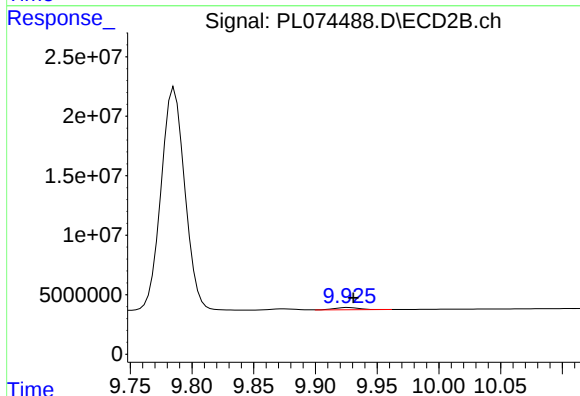
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.011 min
Response: 880530
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

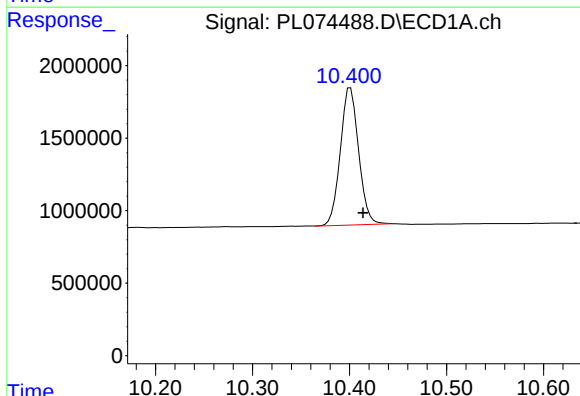
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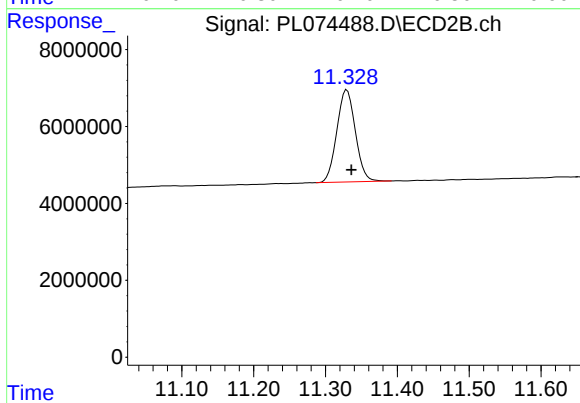
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 2807928
Conc: 1.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.400 min
Delta R.T.: -0.014 min
Response: 12369994
Conc: 23.79 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.006 min
Response: 42875376
Conc: 24.27 ng/ml