

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042622\
 Data File : PL074362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2022 09:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/27/2022
 Supervised By :mohammad ahmed 04/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 18:50:28 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...	4.635	5.489	7104328	37473218	21.987	21.017
28)	SA Decachlor...	10.404	11.332	11250513	39139218	21.634m	22.159
Target Compounds							
2)	A alpha-BHC	5.342	6.052	4293784	23458503	10.232	9.316
3)	MA gamma-BHC...	5.766	6.441	4161032	22863815	9.921	9.659
6)	B beta-BHC	6.147	6.678	2402534	12804069	11.758	11.361
12)	B 4,4'-DDE	7.641	8.461	151918	886058	0.416	0.445m
14)	MA Endrin	8.059	8.845	19878456	92183870	48.934	54.429
16)	A 4,4'-DDD	8.223	8.986	1951252	9769221	6.042m	6.349m
17)	MA 4,4'-DDT	8.487	9.307	33361858	163.5E6	90.255	92.239
18)	B Endrin al...	8.560	9.202	433271	919649	1.339	0.712 #
20)	A Methoxychlor	9.081	9.787	49120981	208.1E6	197.854	216.375
21)	B Endrin ke...	9.307	9.927	1373947	4472364	2.812	2.584

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

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Acq On : 26 Apr 2022 09:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

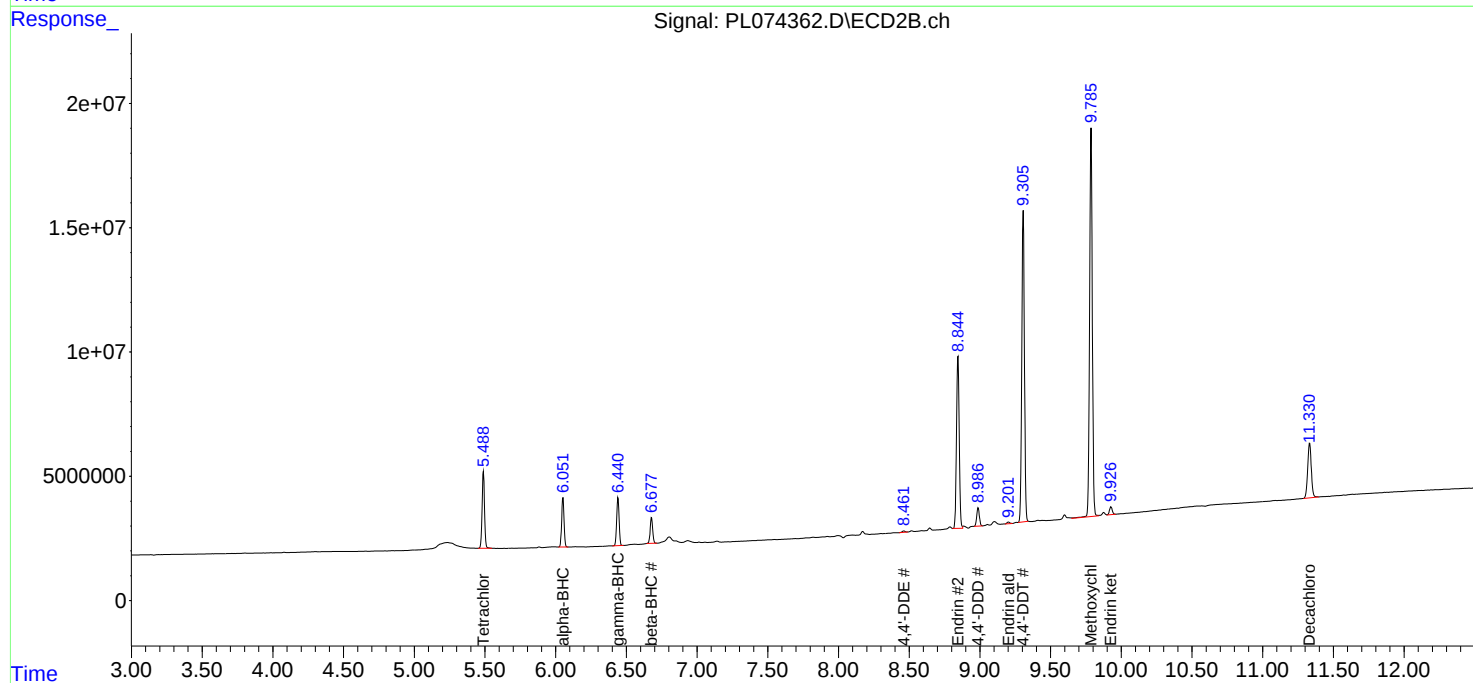
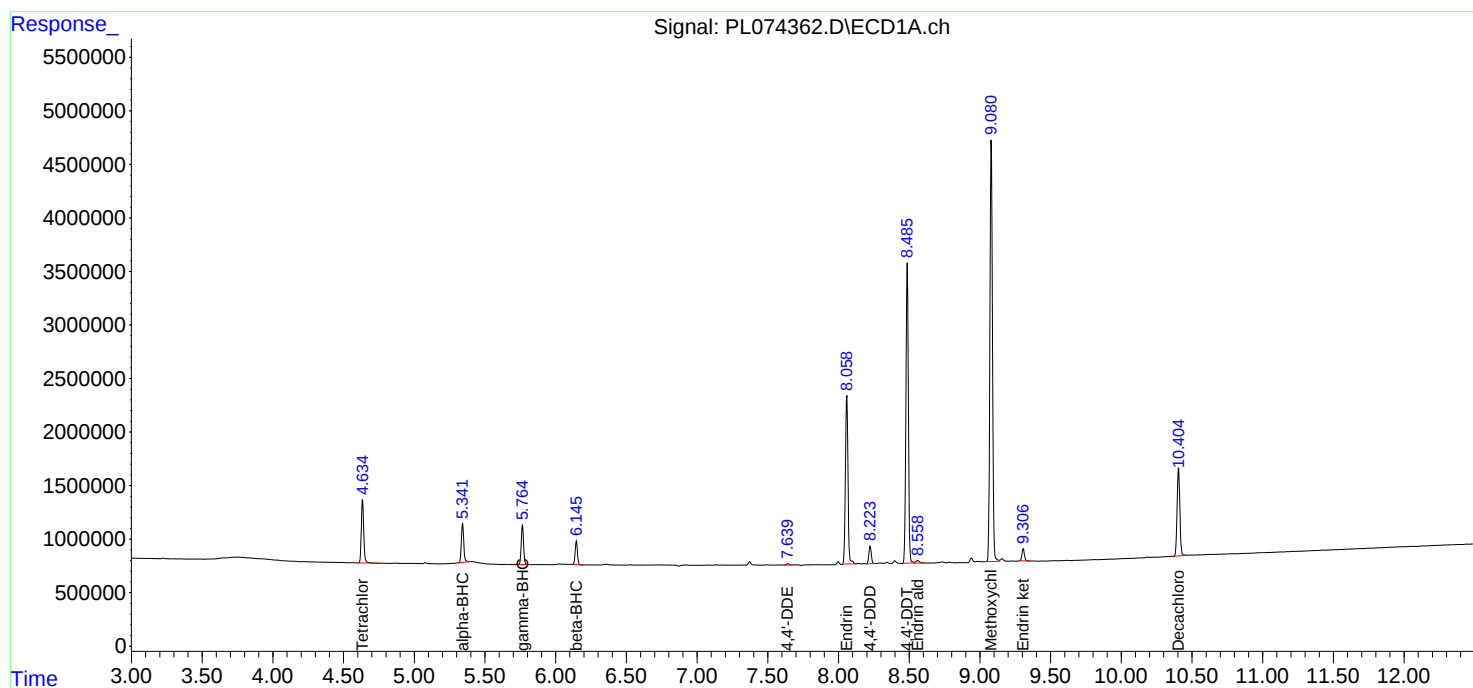
Instrument :
ECD_L
ClientSampleId :
PEM

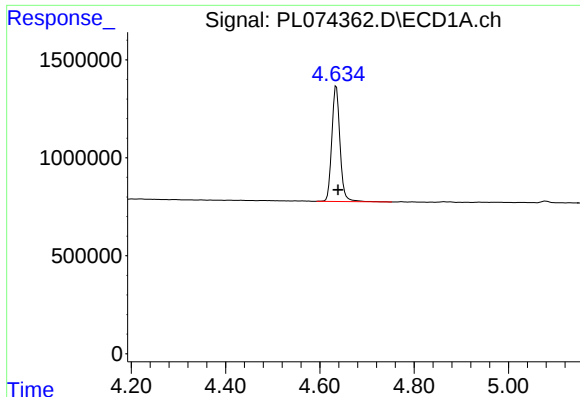
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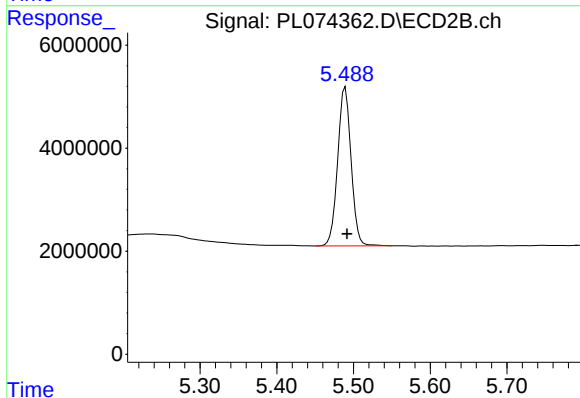
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 7104328
Conc: 21.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

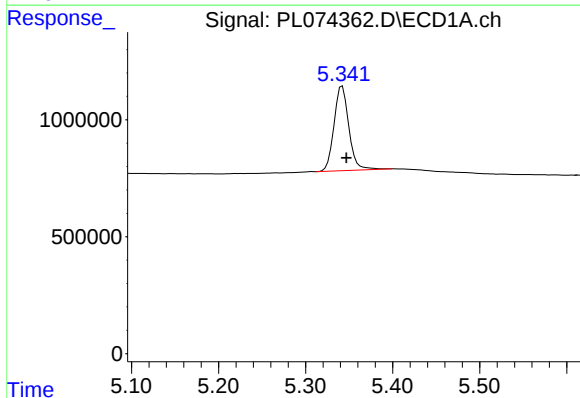
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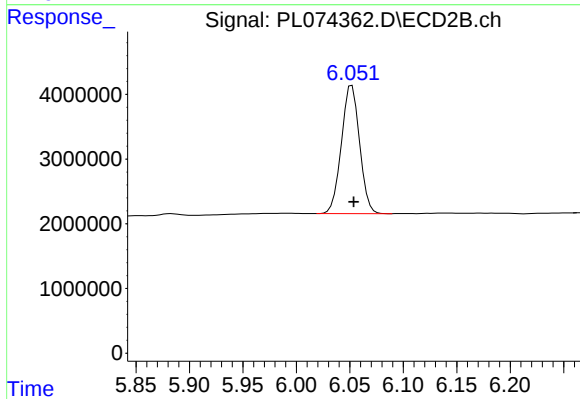
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 37473218
Conc: 21.02 ng/ml



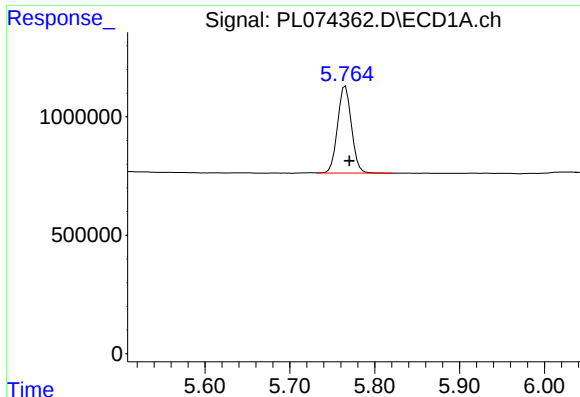
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 4293784
Conc: 10.23 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 23458503
Conc: 9.32 ng/ml



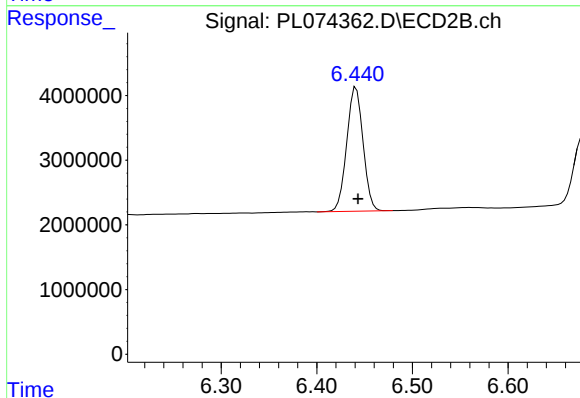
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 4161032
Conc: 9.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

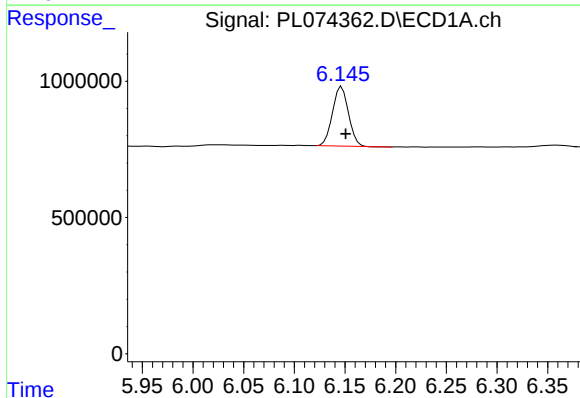
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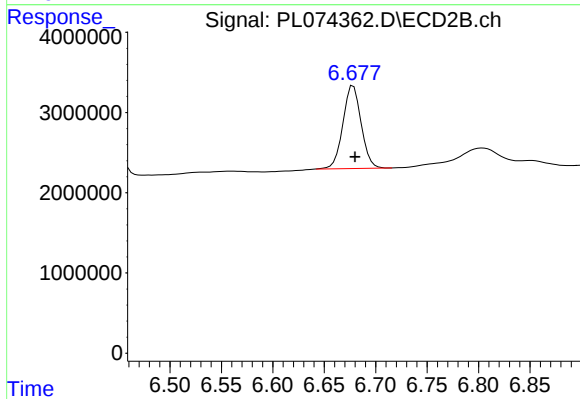
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 22863815
Conc: 9.66 ng/ml



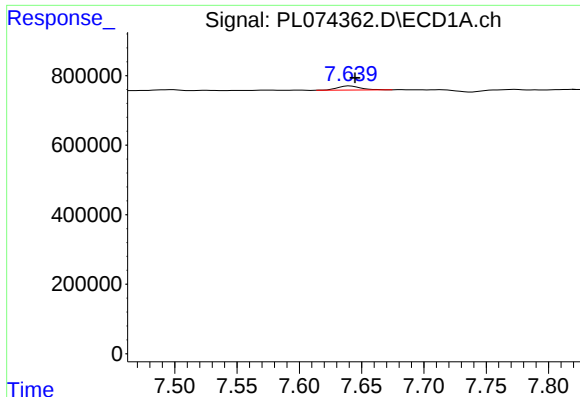
#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 2402534
Conc: 11.76 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 12804069
Conc: 11.36 ng/ml



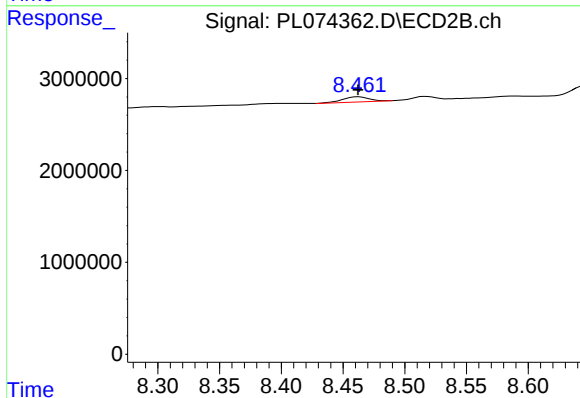
#12 4,4'-DDE

R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 151918
Conc: 0.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

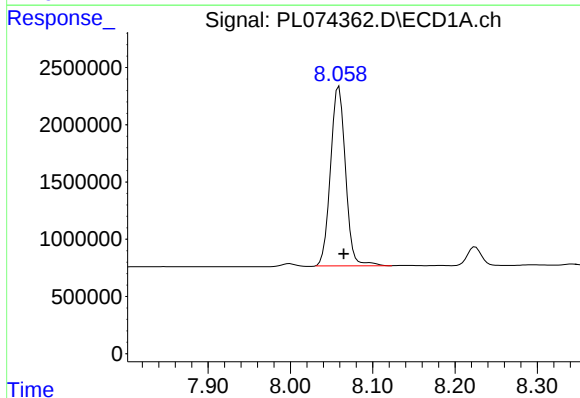
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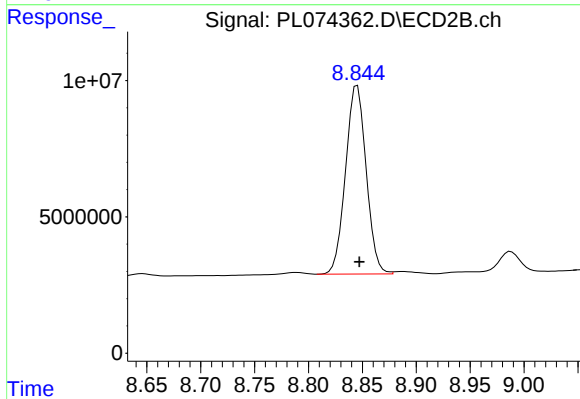
#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 886058
Conc: 0.44 ng/ml m



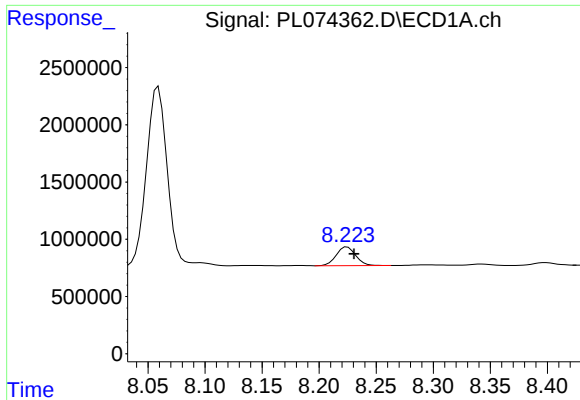
#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 19878456
Conc: 48.93 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 92183870
Conc: 54.43 ng/ml



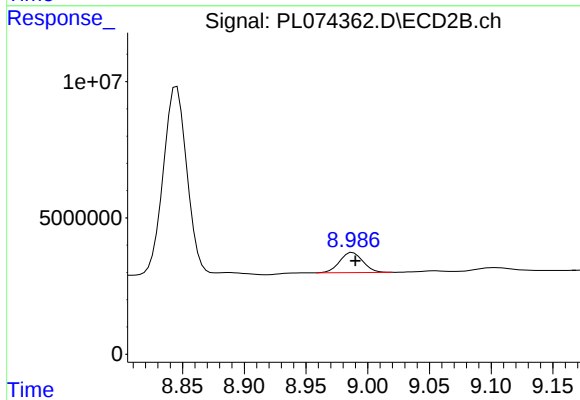
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.007 min
Response: 1951252
Conc: 6.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

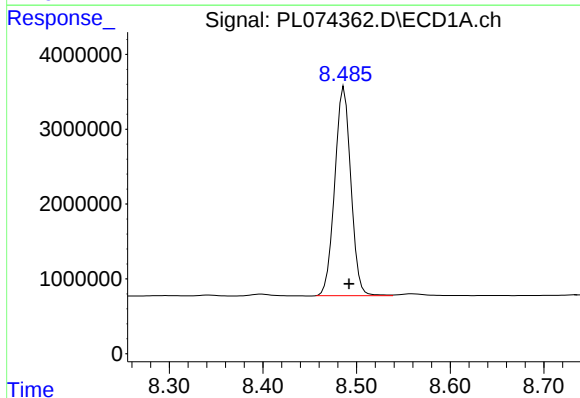
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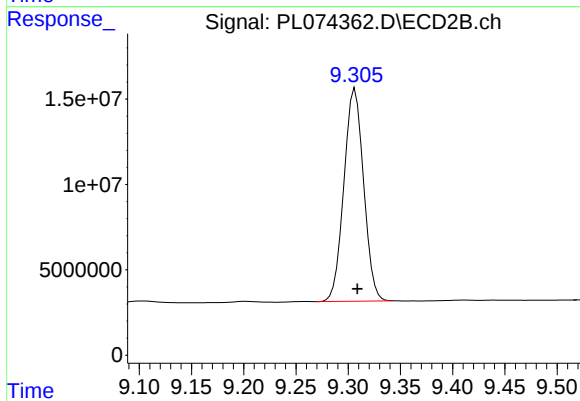
#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.004 min
Response: 9769221
Conc: 6.35 ng/ml m



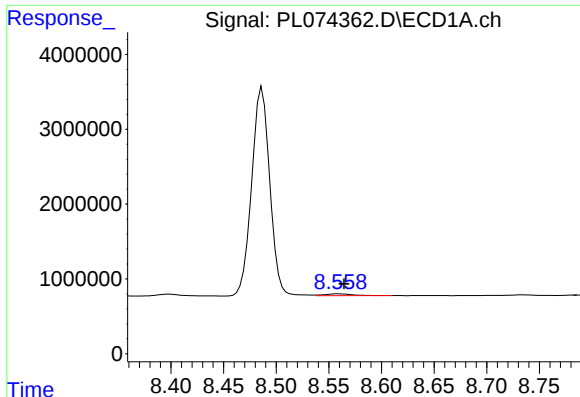
#17 4,4'-DDT

R.T.: 8.487 min
Delta R.T.: -0.005 min
Response: 33361858
Conc: 90.26 ng/ml



#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 163509717
Conc: 92.24 ng/ml



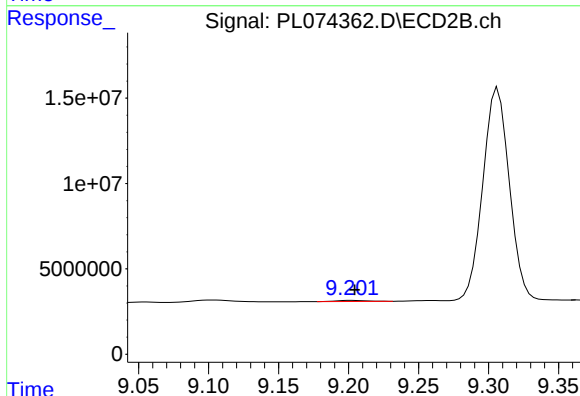
#18 Endrin aldehyde

R.T.: 8.560 min
Delta R.T.: -0.005 min
Response: 433271
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

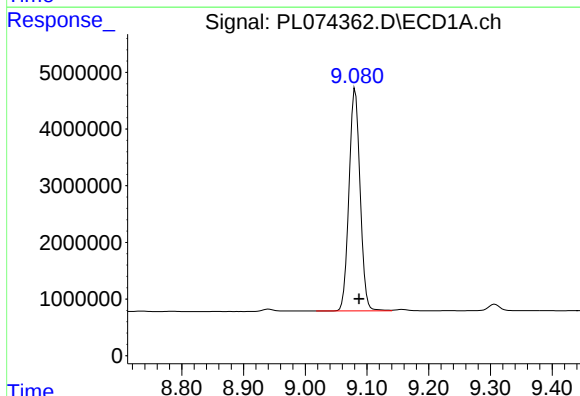
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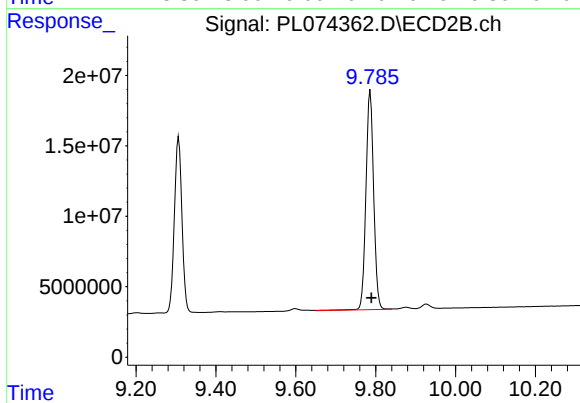
#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 919649
Conc: 0.71 ng/ml



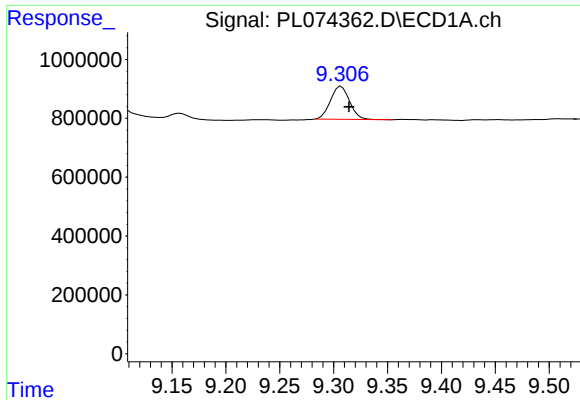
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 49120981
Conc: 197.85 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.003 min
Response: 208119948
Conc: 216.38 ng/ml



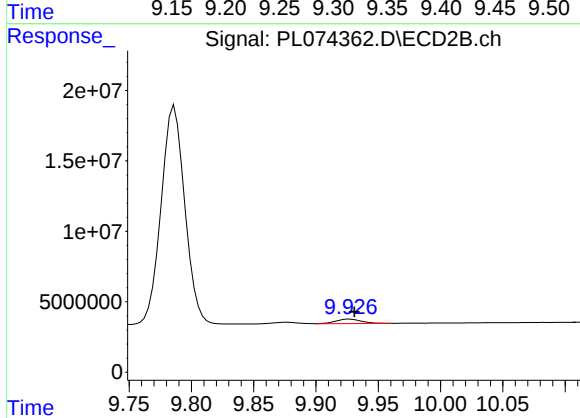
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 1373947
Conc: 2.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

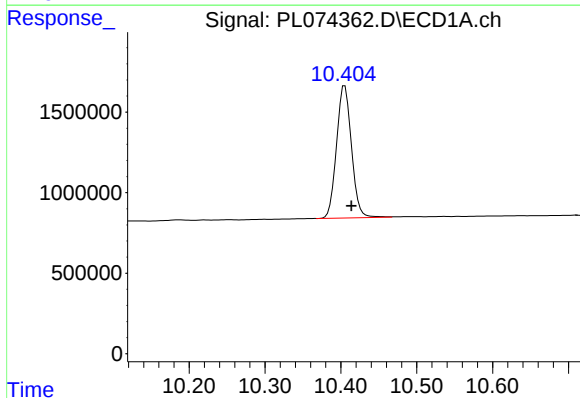
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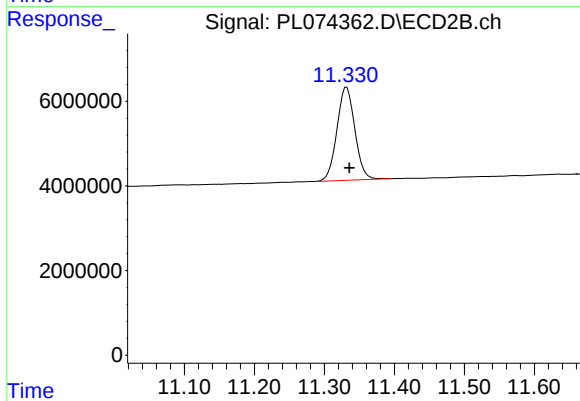
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 4472364
Conc: 2.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 11250513
Conc: 21.63 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 39139218
Conc: 22.16 ng/ml