

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030222\
 Data File : PL073073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2022 09:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/03/2022
 Supervised By : Ankita Jodhani 03/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 00:30:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022622.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 28 02:28:04 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...	4.648	5.490	6568260	30130907	20.497	20.763
28)	SA Decachlor...	10.429	11.329	10412046	32018360	22.245	20.296
Target Compounds							
2)	A alpha-BHC	5.356	6.053	3949930	18144462	9.373	9.200
3)	MA gamma-BHC...	5.780	6.442	4147726	17821550	9.380	9.532
6)	B beta-BHC	6.160	6.678	2458065	10443091	11.037	11.580
12)	B 4,4'-DDE	7.659	8.457	104773	373099	0.270	0.239m
14)	MA Endrin	8.077	8.845	19608040	65524269	49.382	49.499
16)	A 4,4'-DDD	8.244	8.986	1320653	5100557	3.792	3.835
17)	MA 4,4'-DDT	8.506	9.304	35698738	126.3E6	93.809	92.064m
18)	B Endrin al...	8.577	9.200	286541	513101	0.893m	0.472m#
20)	A Methoxychlor	9.102	9.785	53559869	171.6E6	214.439	219.238
21)	B Endrin ke...	9.326	9.926	1163602	2491251	2.347	1.699 #

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

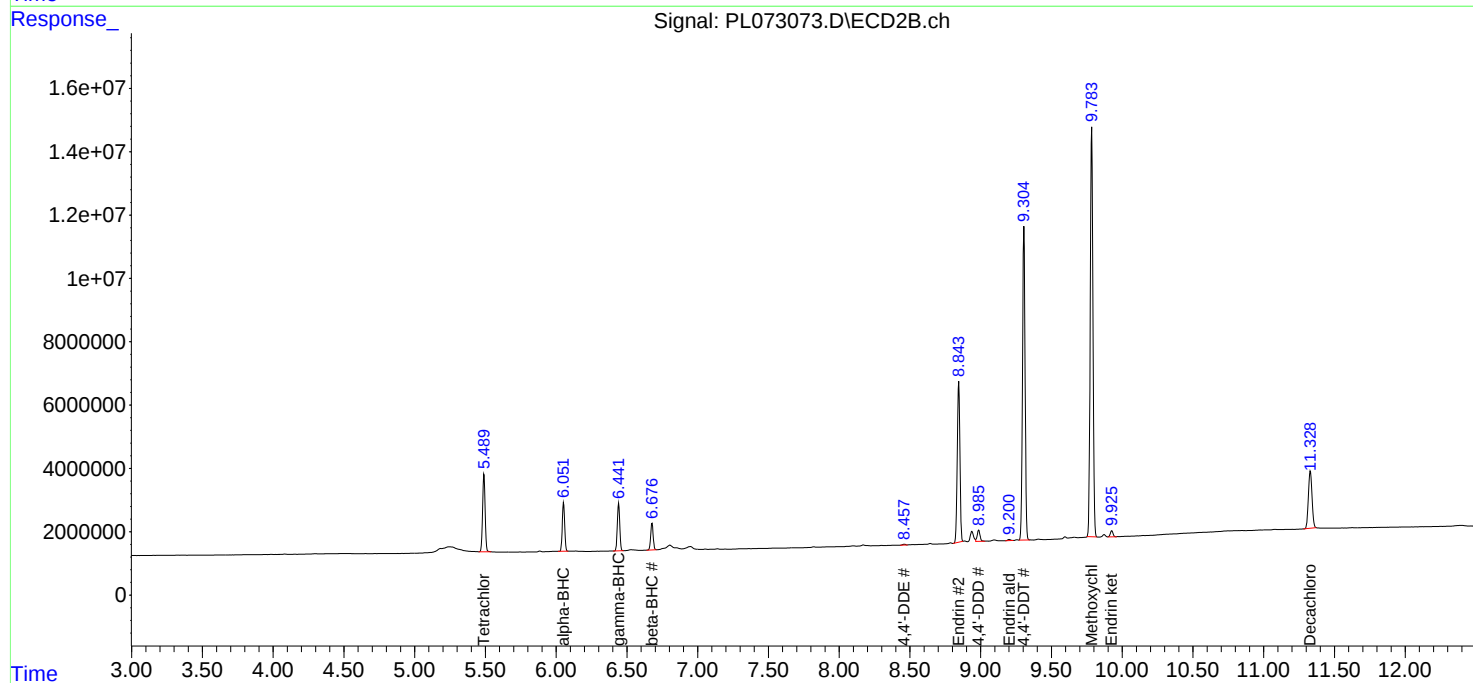
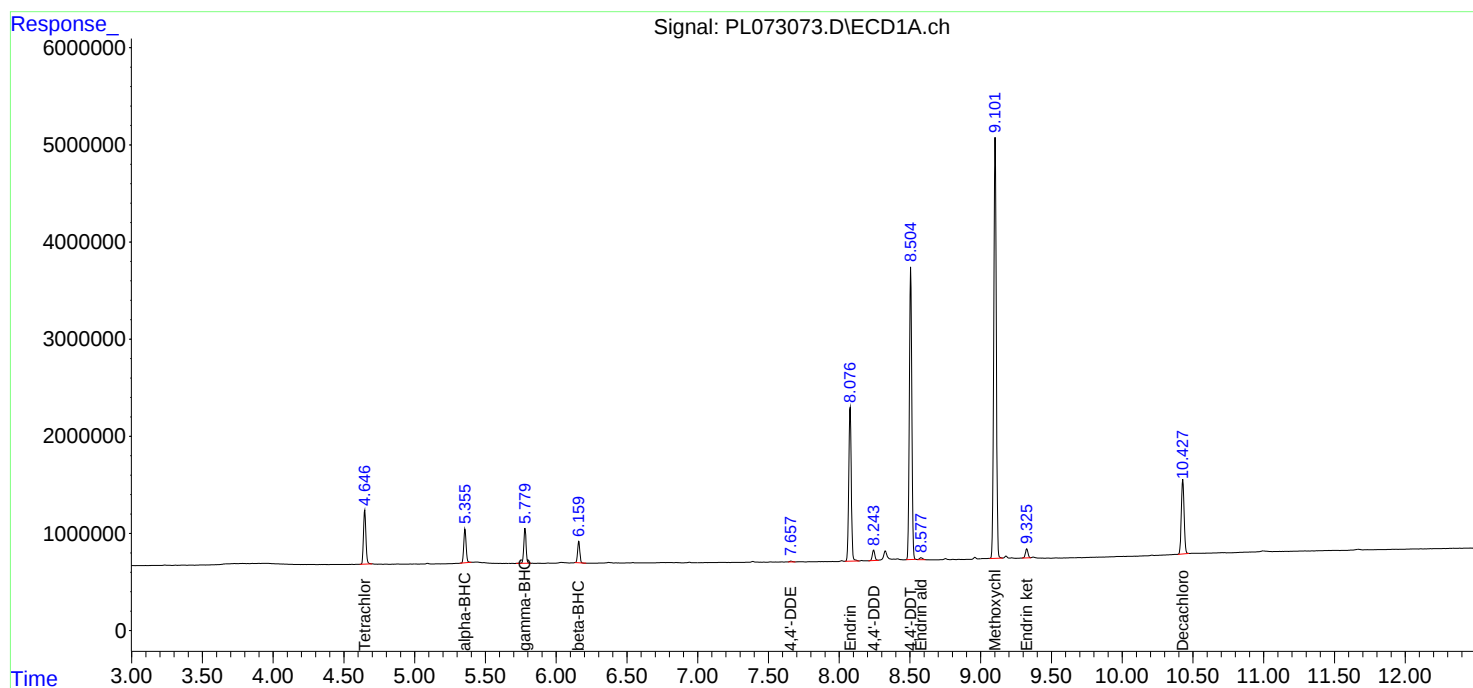
Instrument :
ECD_L
ClientSampleId :
PEM

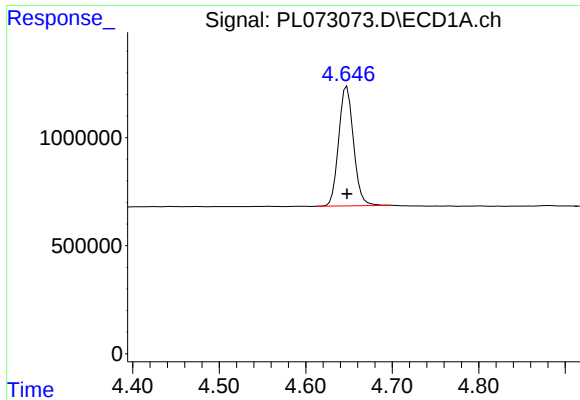
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Integration File signal 1: autoint1.e
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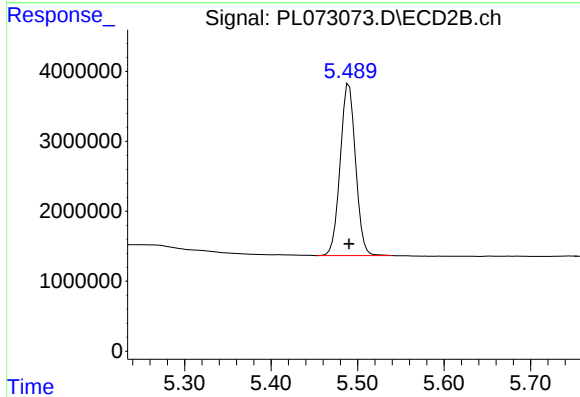
#1 Tetrachloro-m-xylene

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 6568260
Conc: 20.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

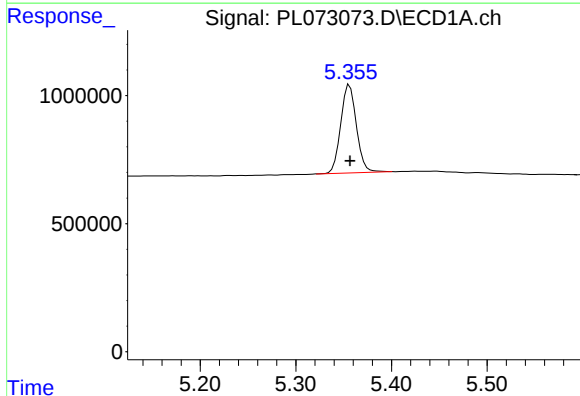
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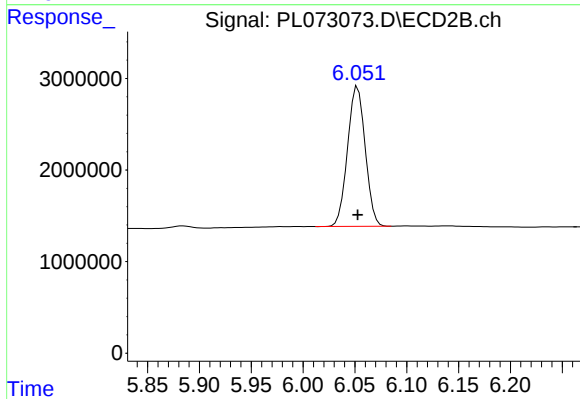
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 30130907
Conc: 20.76 ng/ml



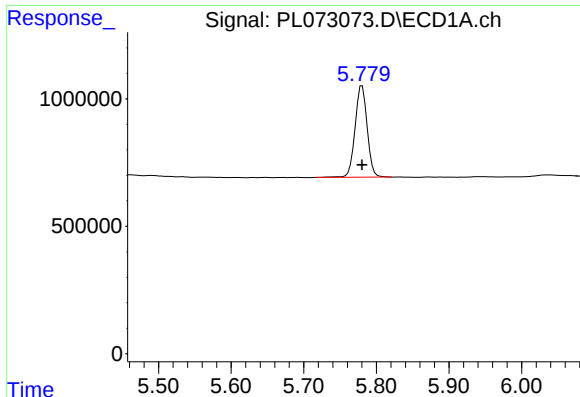
#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 3949930
Conc: 9.37 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 18144462
Conc: 9.20 ng/ml



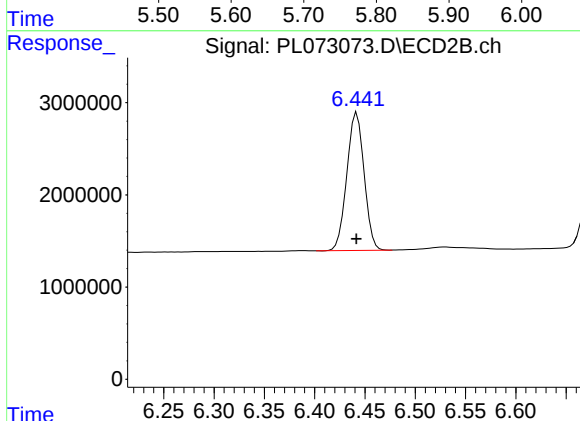
#3 gamma-BHC (Lindane)

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 4147726
Conc: 9.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

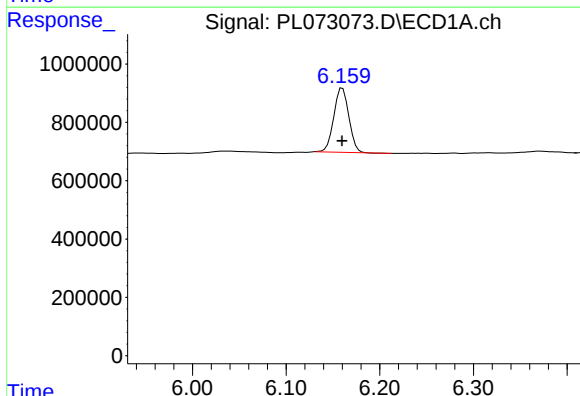
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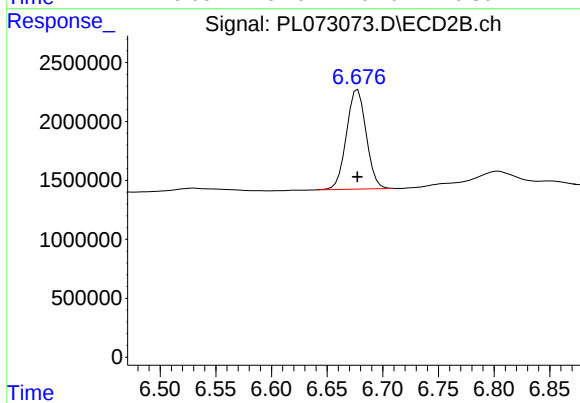
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 17821550
Conc: 9.53 ng/ml



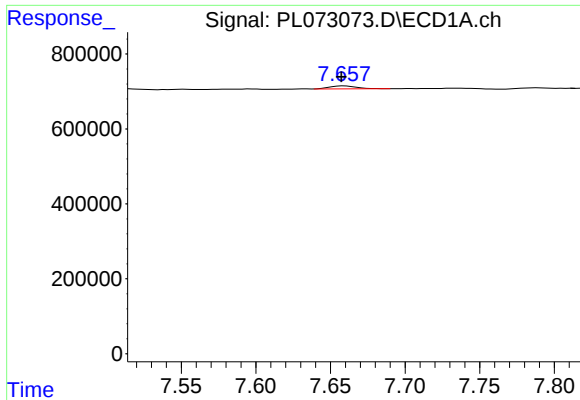
#6 beta-BHC

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 2458065
Conc: 11.04 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 10443091
Conc: 11.58 ng/ml



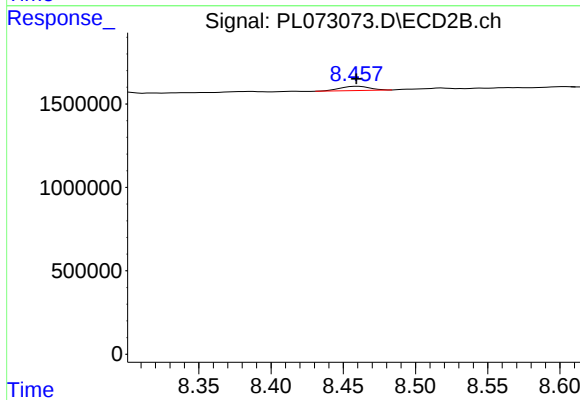
#12 4,4'-DDE

R.T.: 7.659 min
Delta R.T.: 0.002 min
Response: 104773
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

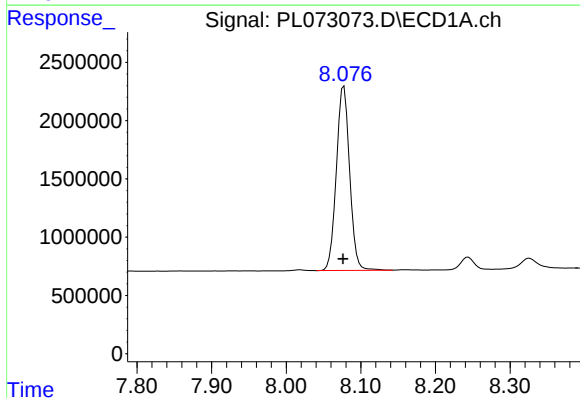
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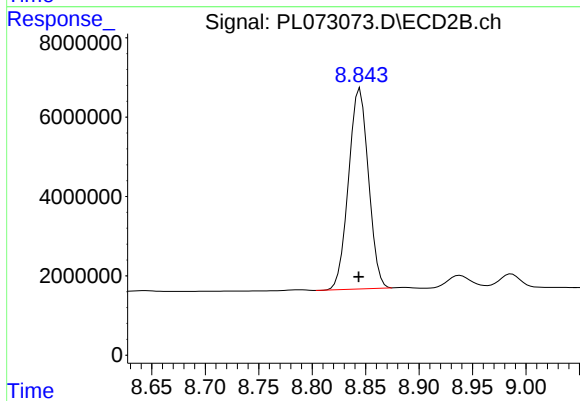
#12 4,4'-DDE

R.T.: 8.457 min
Delta R.T.: -0.002 min
Response: 373099
Conc: 0.24 ng/ml m



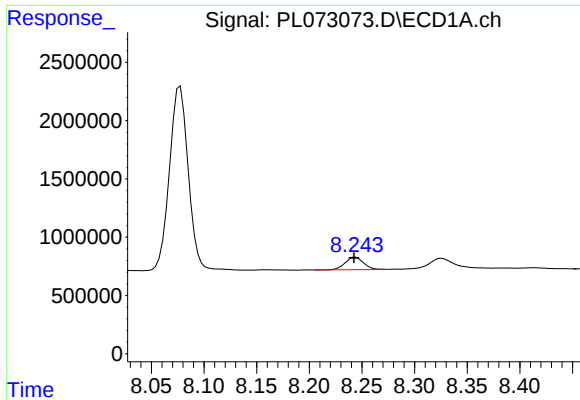
#14 Endrin

R.T.: 8.077 min
Delta R.T.: 0.001 min
Response: 19608040
Conc: 49.38 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.001 min
Response: 65524269
Conc: 49.50 ng/ml



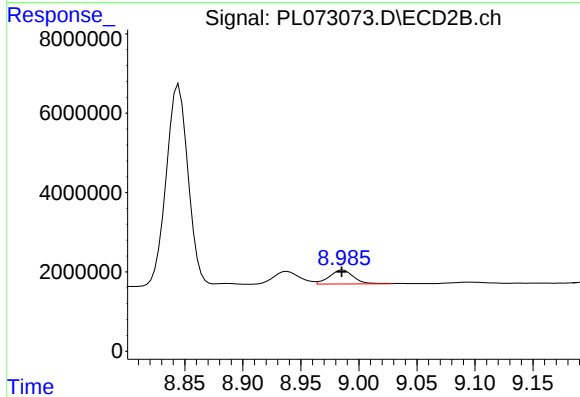
#16 4,4'-DDD

R.T.: 8.244 min
Delta R.T.: 0.001 min
Response: 1320653
Conc: 3.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

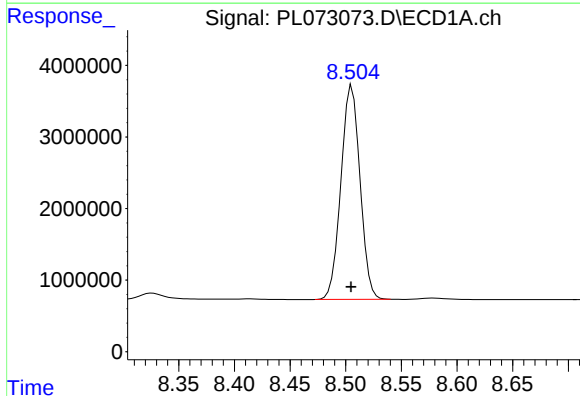
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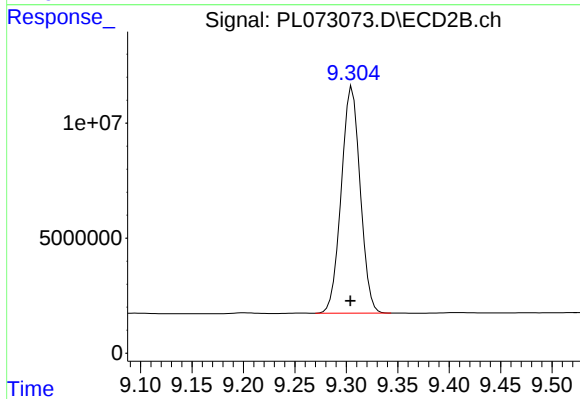
#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 5100557
Conc: 3.84 ng/ml



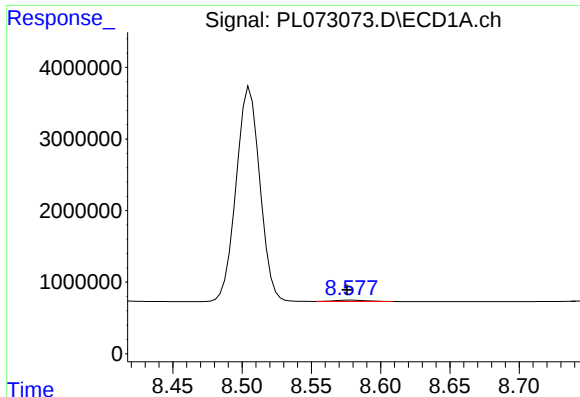
#17 4,4'-DDT

R.T.: 8.506 min
Delta R.T.: 0.000 min
Response: 35698738
Conc: 93.81 ng/ml



#17 4,4'-DDT

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 126280998
Conc: 92.06 ng/ml m



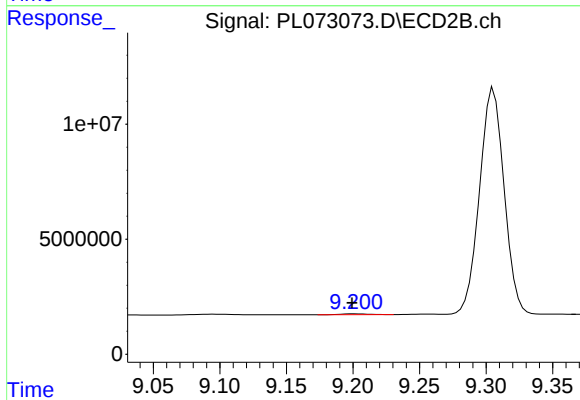
#18 Endrin aldehyde

R.T.: 8.577 min
Delta R.T.: 0.001 min
Response: 286541
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

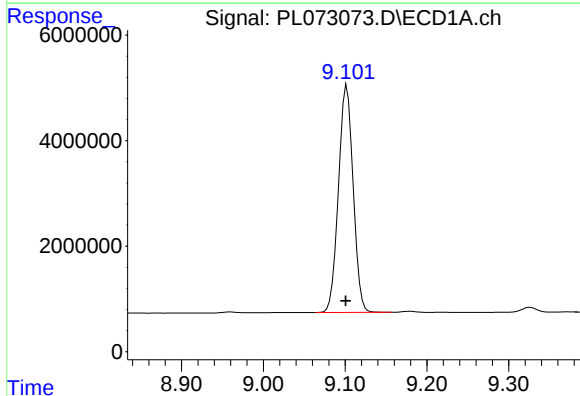
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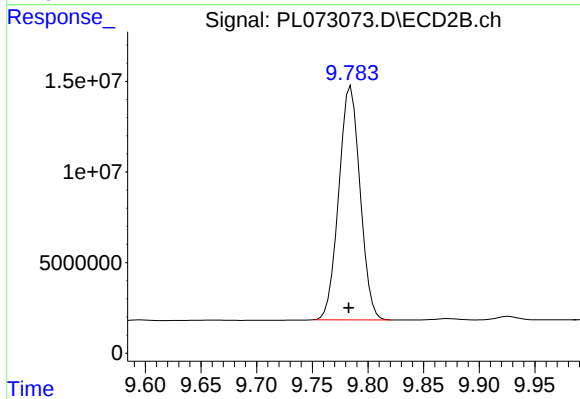
#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 513101
Conc: 0.47 ng/ml m



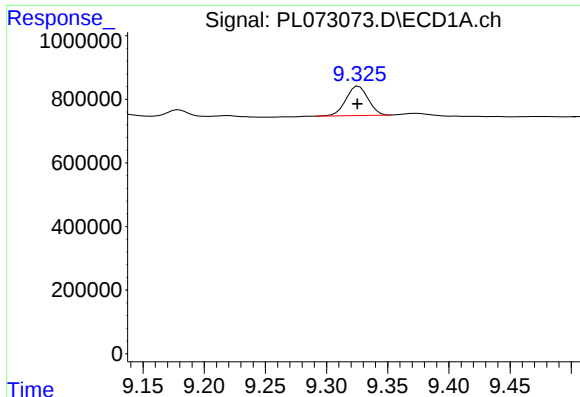
#20 Methoxychlor

R.T.: 9.102 min
Delta R.T.: 0.001 min
Response: 53559869
Conc: 214.44 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: 0.002 min
Response: 171640778
Conc: 219.24 ng/ml



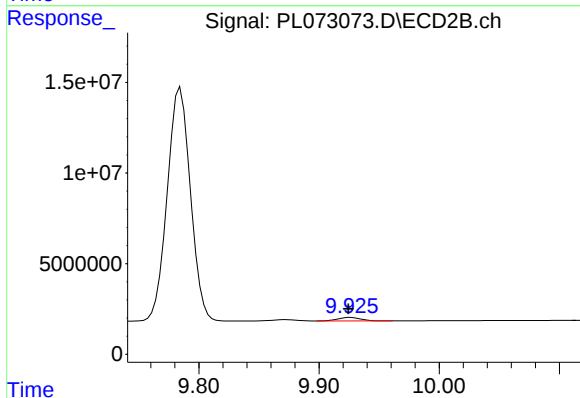
#21 Endrin ketone

R.T.: 9.326 min
Delta R.T.: 0.000 min
Response: 1163602
Conc: 2.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

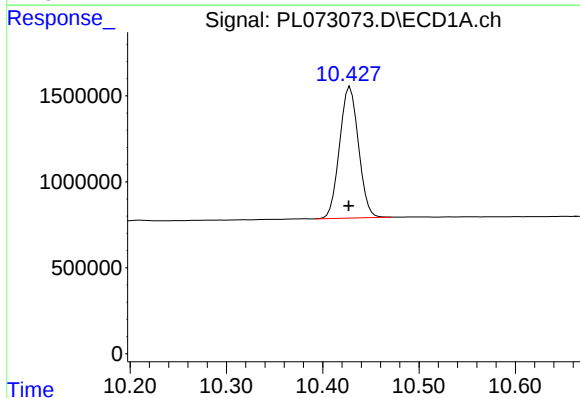
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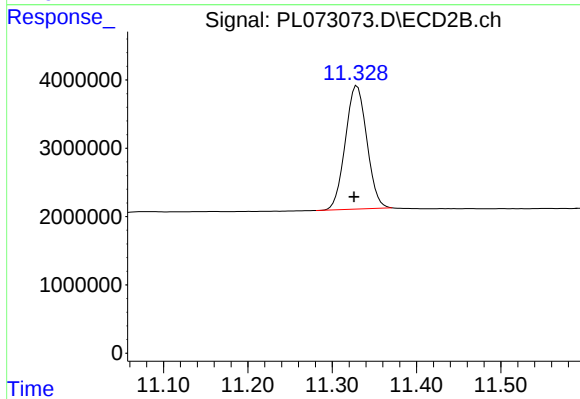
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: 0.002 min
Response: 2491251
Conc: 1.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: 0.002 min
Response: 10412046
Conc: 22.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: 0.003 min
Response: 32018360
Conc: 20.30 ng/ml