

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041322\
 Data File : PL074017.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2022 17:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 09:50:42 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	5.510f	6926103	37762681	21.436	21.180
28)	SA Decachlor...	10.411	11.352f	9536484	30741123	18.338	17.404
Target Compounds							
2)	A alpha-BHC	5.345	6.071f	4126117	23630776	9.832	9.384m
3)	MA gamma-BHC...	5.768	6.461f	4206720	22622206	10.030	9.557m
6)	B beta-BHC	6.149	6.698f	2453374	12164974	12.007	10.794m
12)	B 4,4'-DDE	7.643	8.479f	103427	453022	0.284	0.227m
14)	MA Endrin	8.063	8.866f	18356997	71105279	45.188	41.983
16)	A 4,4'-DDD	8.228	9.008f	3175140	12598005	9.832	8.188
17)	MA 4,4'-DDT	8.490	9.326f	29759649	120.5E6	80.510	68.000m
18)	B Endrin al...	8.563	9.221f	436100	795652	1.348	0.616m#
20)	A Methoxychlor	9.085	9.807f	45718886	157.6E6	184.151	163.821
21)	B Endrin ke...	9.311	9.948f	1896836	5321060	3.883	3.074

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

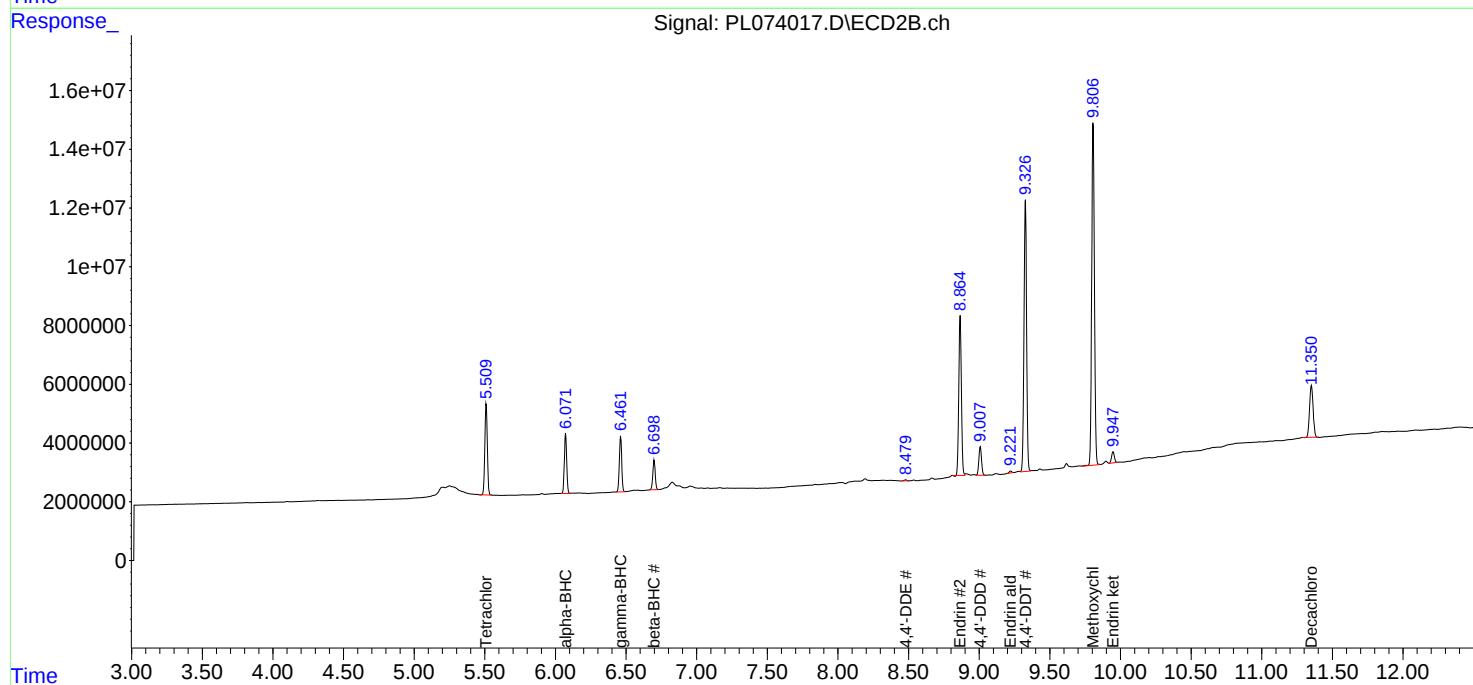
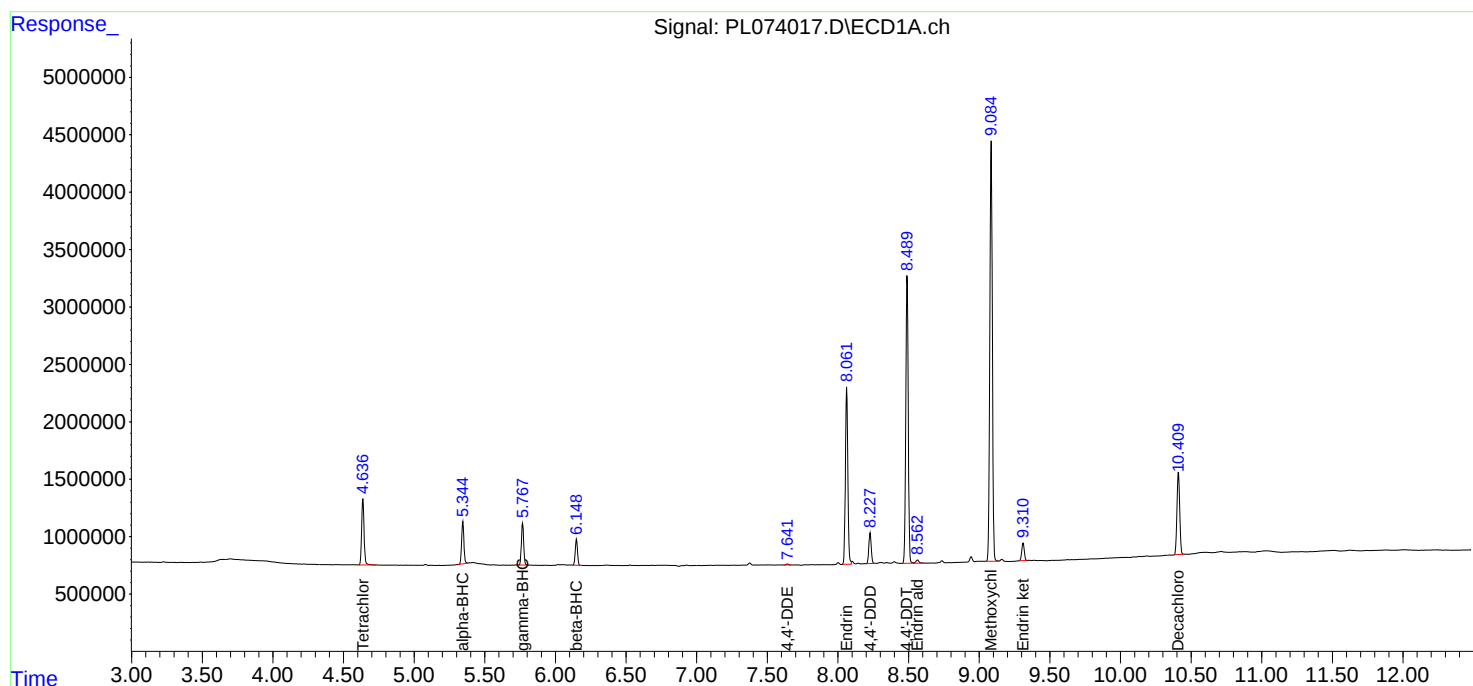
Instrument :
ECD_L
ClientSampleId :
PEM

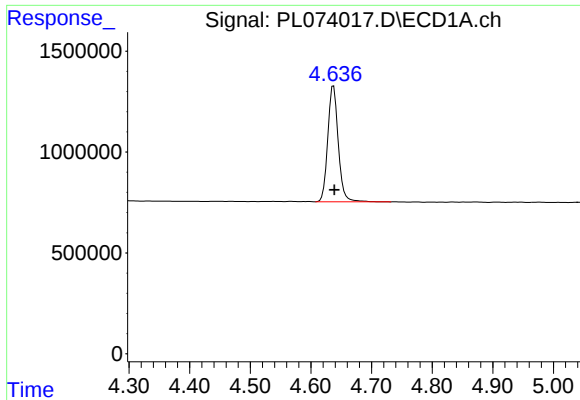
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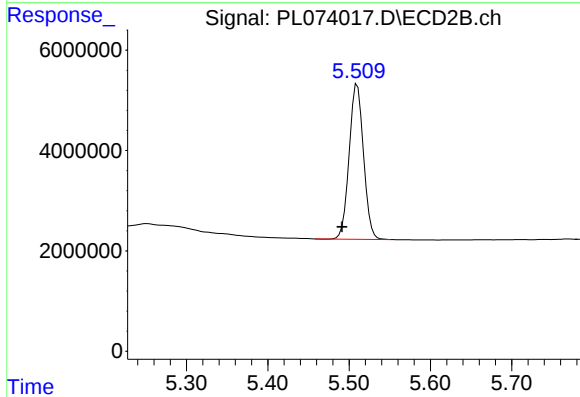
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 6926103
Conc: 21.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

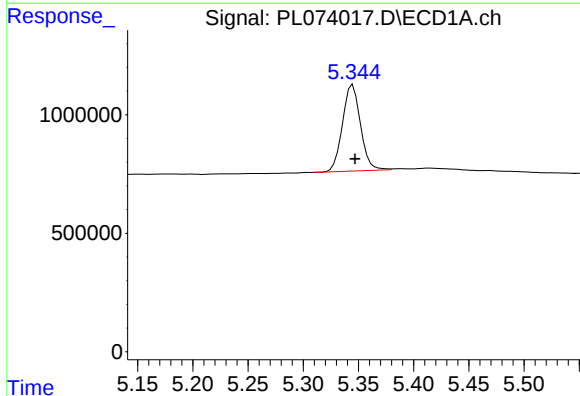
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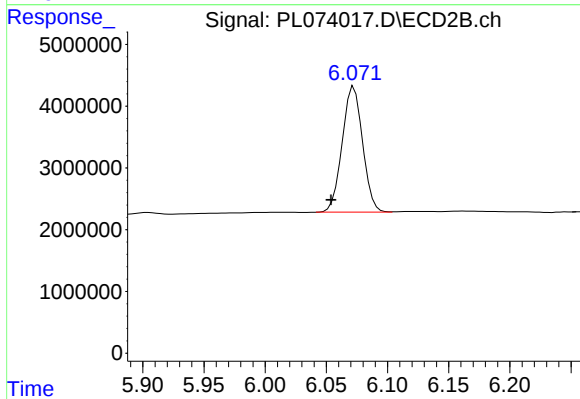
#1 Tetrachloro-m-xylene

R.T.: 5.510 min
Delta R.T.: 0.019 min
Response: 37762681
Conc: 21.18 ng/ml



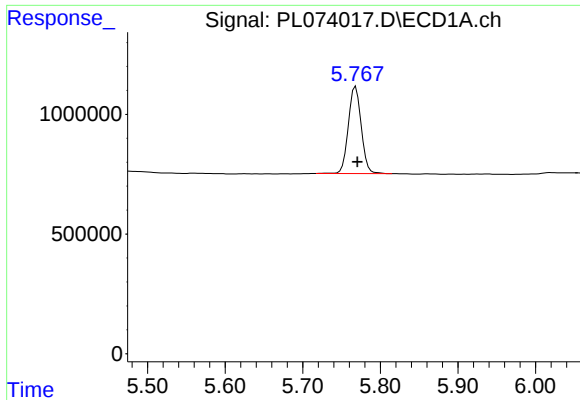
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 4126117
Conc: 9.83 ng/ml



#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: 0.017 min
Response: 23630776
Conc: 9.38 ng/ml m



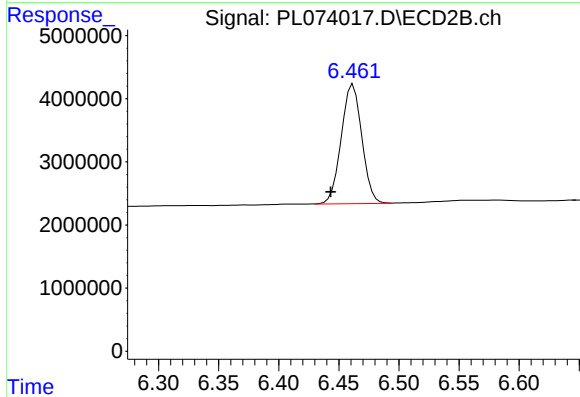
#3 gamma-BHC (Lindane)

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 4206720
Conc: 10.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

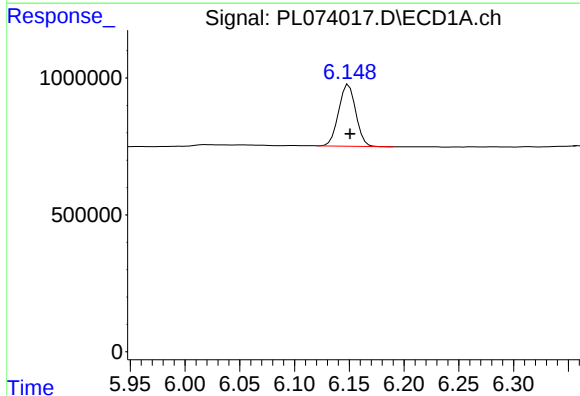
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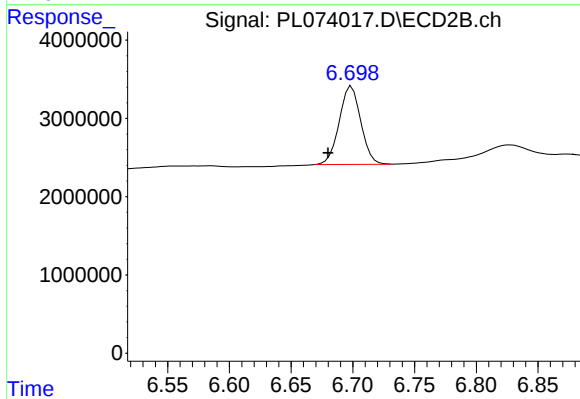
#3 gamma-BHC (Lindane)

R.T.: 6.461 min
Delta R.T.: 0.017 min
Response: 22622206
Conc: 9.56 ng/ml m



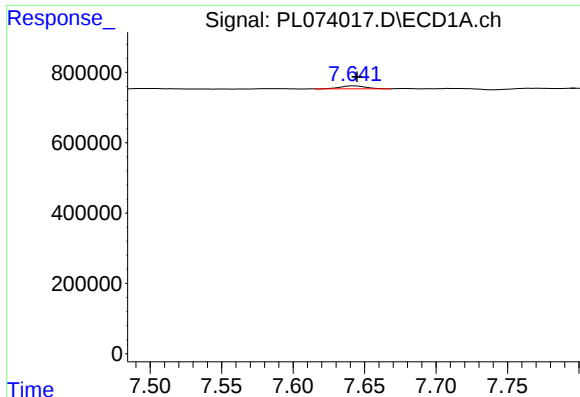
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.002 min
Response: 2453374
Conc: 12.01 ng/ml



#6 beta-BHC

R.T.: 6.698 min
Delta R.T.: 0.018 min
Response: 12164974
Conc: 10.79 ng/ml m



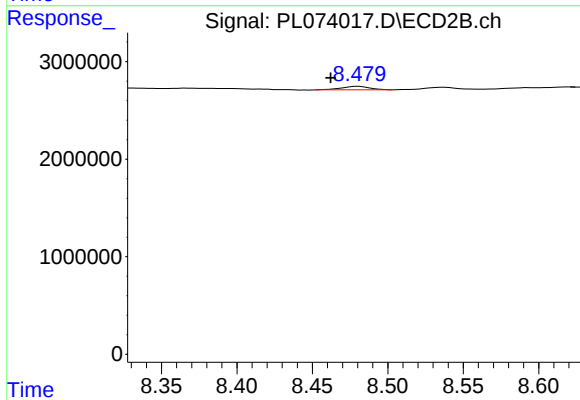
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 103427
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

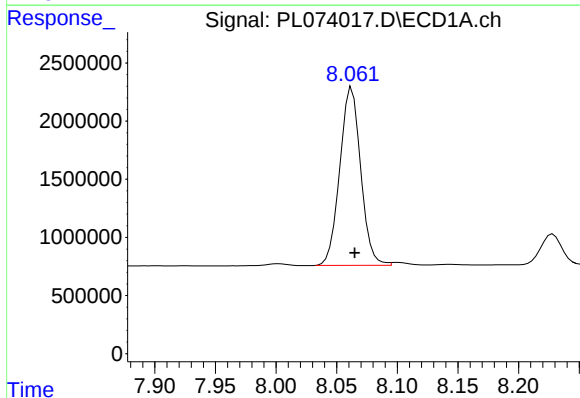
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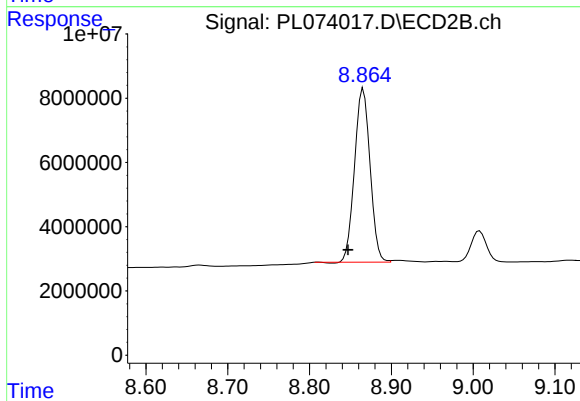
#12 4,4'-DDE

R.T.: 8.479 min
Delta R.T.: 0.017 min
Response: 453022
Conc: 0.23 ng/ml m



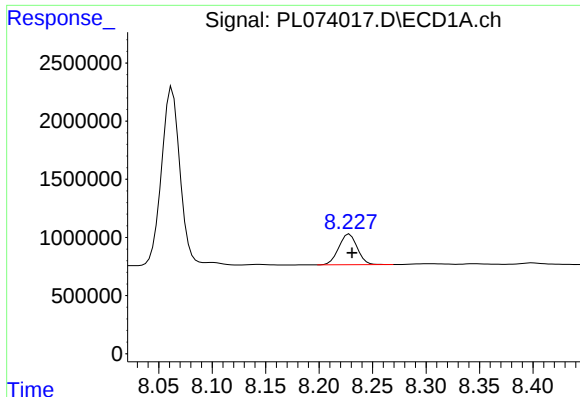
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 18356997
Conc: 45.19 ng/ml



#14 Endrin

R.T.: 8.866 min
Delta R.T.: 0.018 min
Response: 71105279
Conc: 41.98 ng/ml



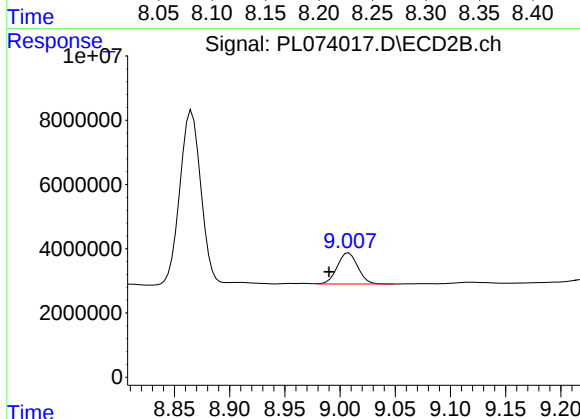
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.002 min
Response: 3175140
Conc: 9.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

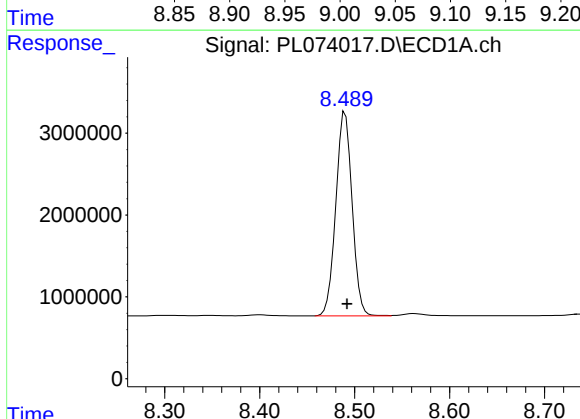
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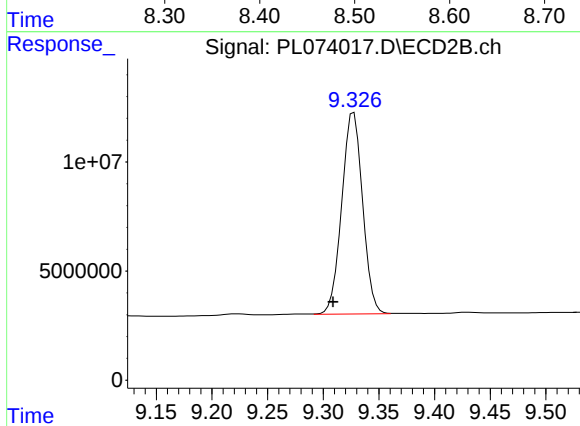
#16 4,4'-DDD

R.T.: 9.008 min
Delta R.T.: 0.018 min
Response: 12598005
Conc: 8.19 ng/ml



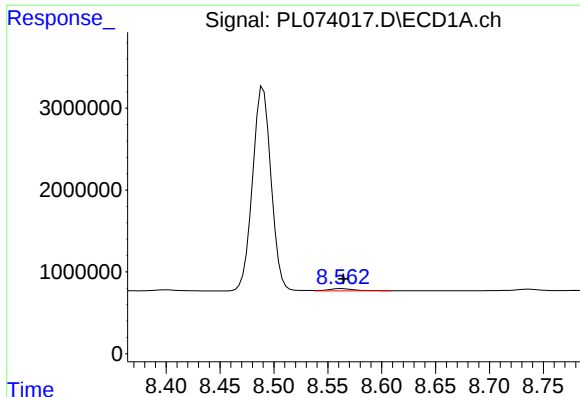
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 29759649
Conc: 80.51 ng/ml



#17 4,4'-DDT

R.T.: 9.326 min
Delta R.T.: 0.017 min
Response: 120541568
Conc: 68.00 ng/ml m



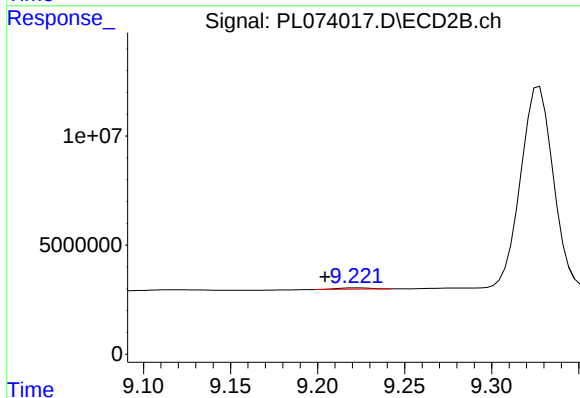
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: -0.001 min
Response: 436100
Conc: 1.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

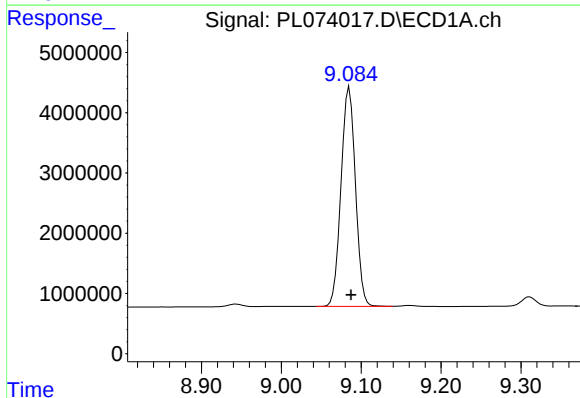
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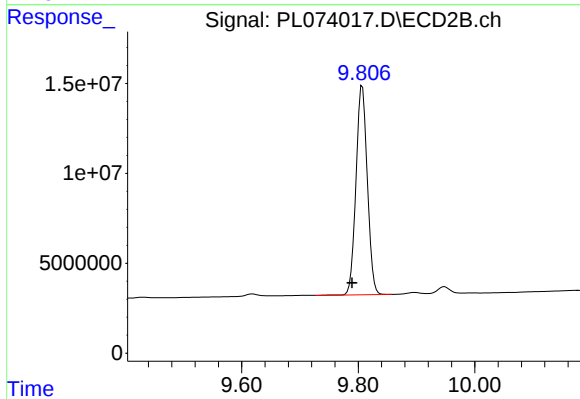
#18 Endrin aldehyde

R.T.: 9.221 min
Delta R.T.: 0.017 min
Response: 795652
Conc: 0.62 ng/ml m



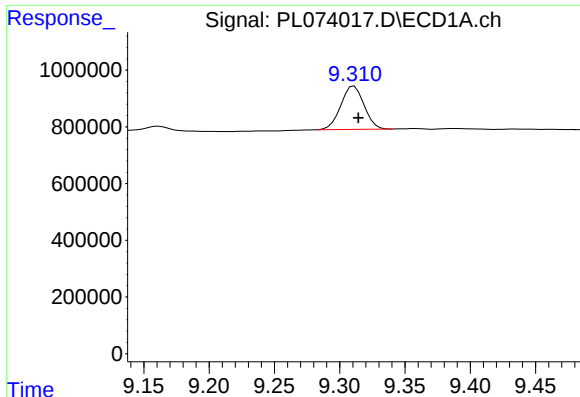
#20 Methoxychlor

R.T.: 9.085 min
Delta R.T.: -0.002 min
Response: 45718886
Conc: 184.15 ng/ml



#20 Methoxychlor

R.T.: 9.807 min
Delta R.T.: 0.018 min
Response: 157571097
Conc: 163.82 ng/ml



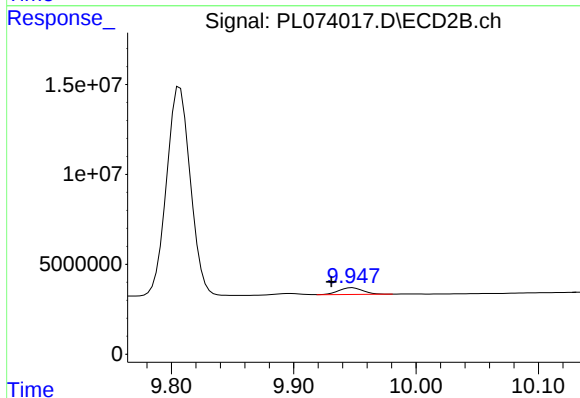
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: -0.003 min
Response: 1896836
Conc: 3.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

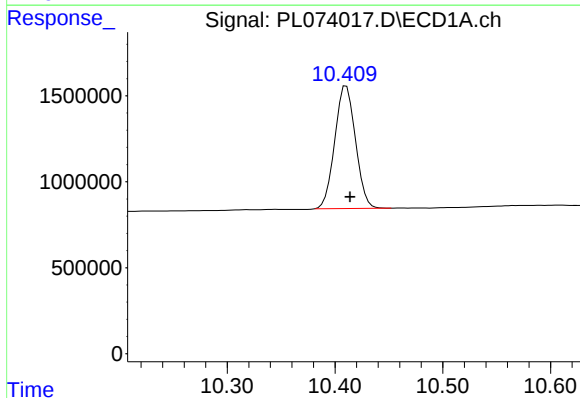
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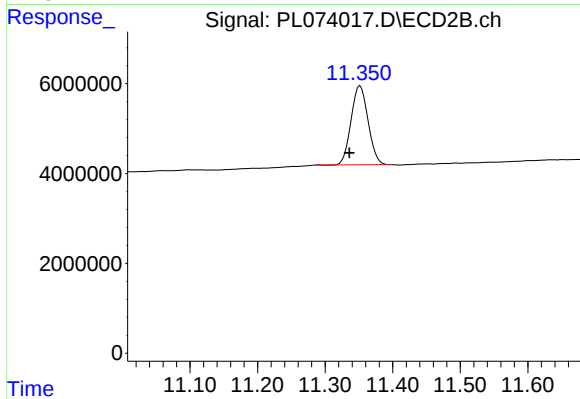
#21 Endrin ketone

R.T.: 9.948 min
Delta R.T.: 0.017 min
Response: 5321060
Conc: 3.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.411 min
Delta R.T.: -0.003 min
Response: 9536484
Conc: 18.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.352 min
Delta R.T.: 0.016 min
Response: 30741123
Conc: 17.40 ng/ml