

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051222\
 Data File : PL074654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2022 09:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2022
 Supervised By : mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 14:58:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 16:19:10 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...	5.648	4.676	11444901	27941654	22.541	20.358
28)	SA Decachlor...	11.649	10.429	11034603	24773204	24.709	24.136
Target Compounds							
2)	A alpha-BHC	6.231	5.379	6965645	15780325	10.182	9.377
3)	MA gamma-BHC...	6.630	5.799	6810509	16549683	10.551	10.016
6)	B beta-BHC	6.880	6.176	3455203	9776502	11.577	12.313
12)	B 4,4'-DDE	8.663	7.664	153310	336688	0.331m	0.286m
14)	MA Endrin	9.067	8.086	23683322	54597125	57.391	51.687
16)	A 4,4'-DDD	9.206	8.248	4685904	9504335	10.364	9.648m
17)	MA 4,4'-DDT	9.527	8.510	43923759	98313630	92.419	98.263m
18)	B Endrin al...	9.435	8.583	481158	1474725	1.321m	1.846m#
20)	A Methoxychlor	10.012	9.104	63212136	137.5E6	258.101	235.276m
21)	B Endrin ke...	10.176	9.332	1855132	4906368	3.617	4.401

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

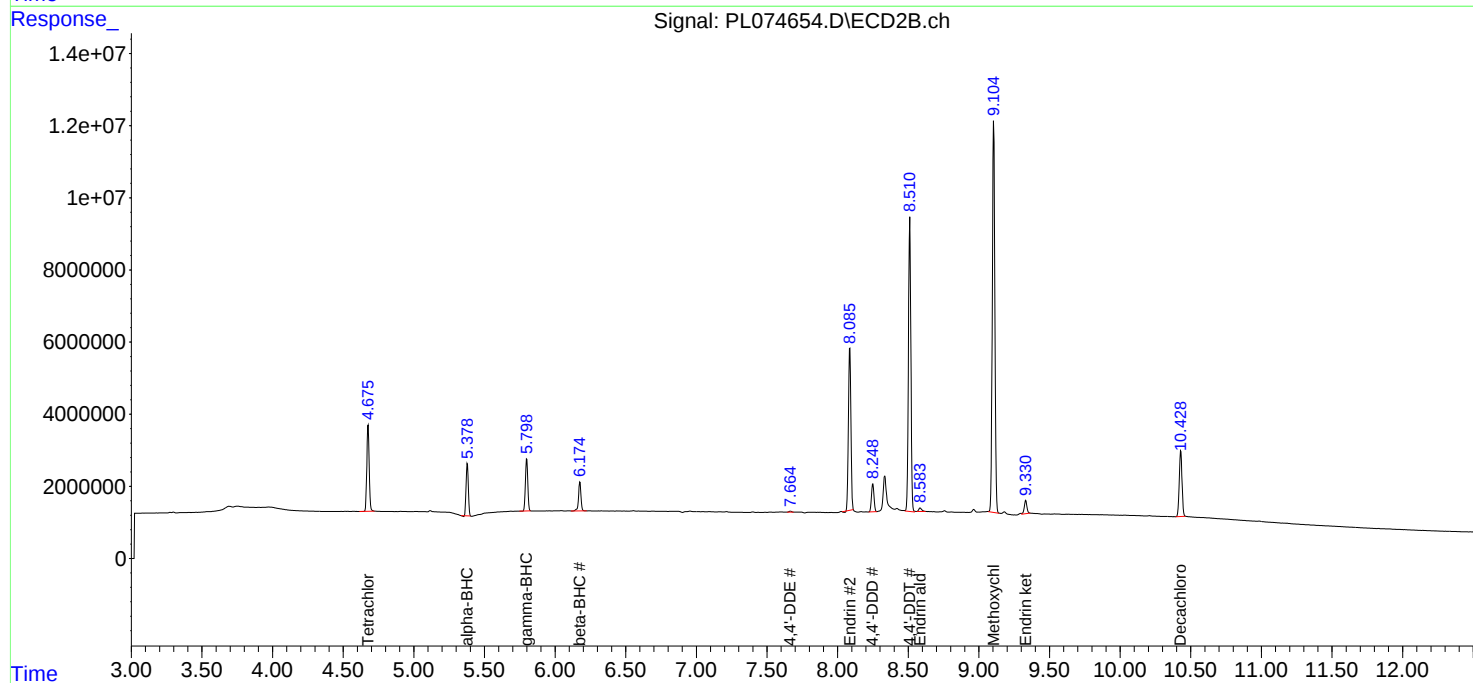
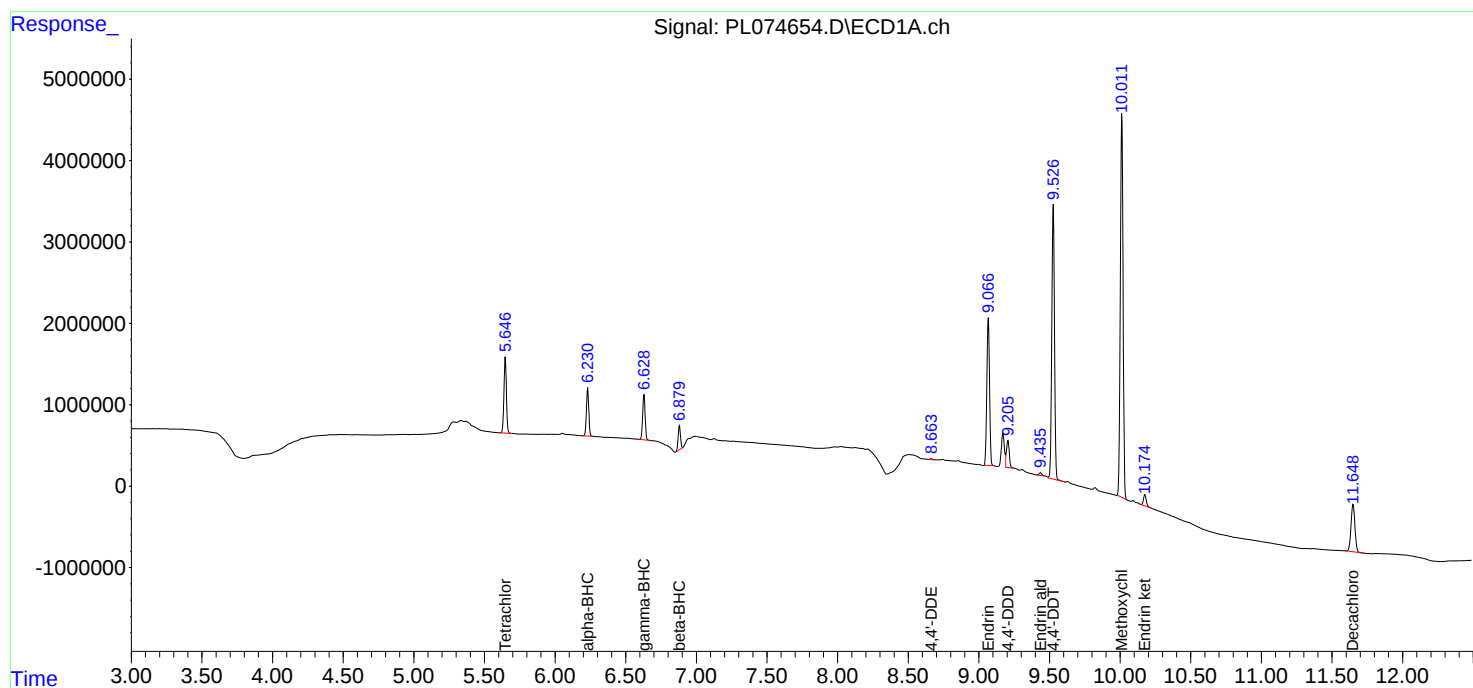
Instrument :
ECD_L
ClientSampleId :
PEM

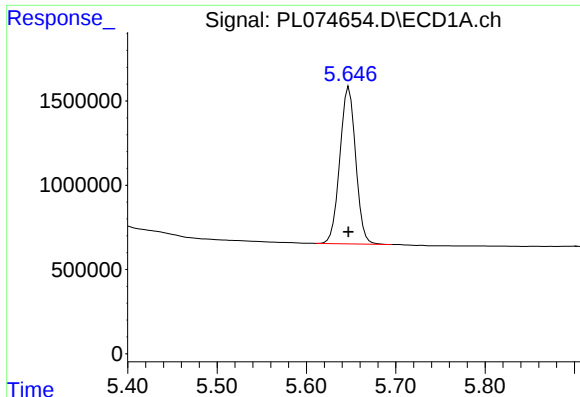
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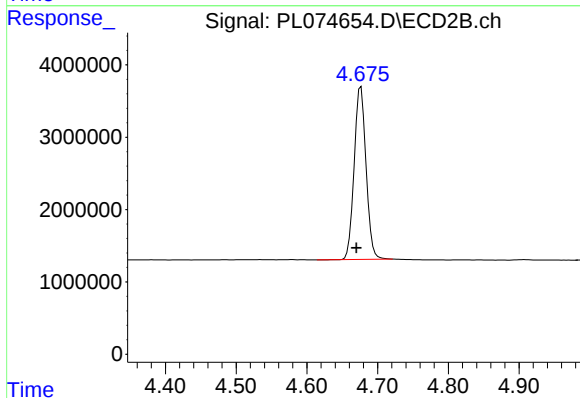
#1 Tetrachloro-m-xylene

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 11444901
Conc: 22.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

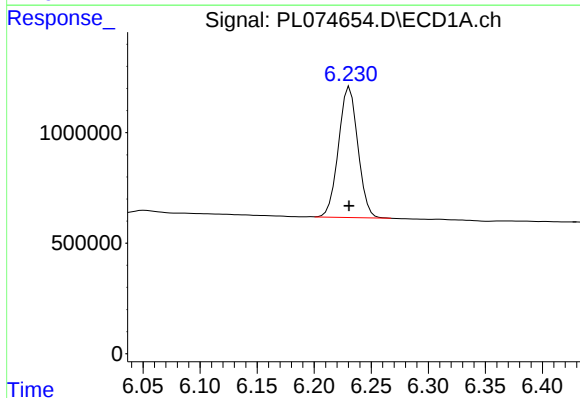
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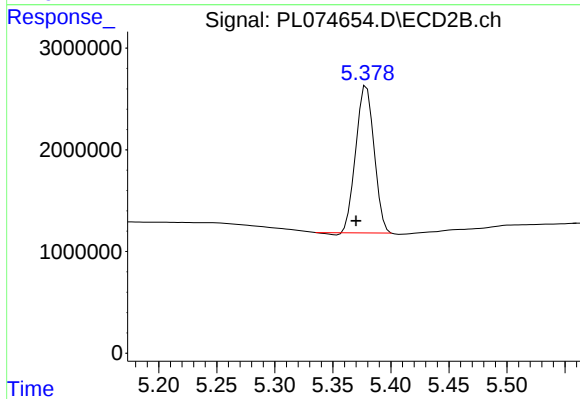
#1 Tetrachloro-m-xylene

R.T.: 4.676 min
Delta R.T.: 0.006 min
Response: 27941654
Conc: 20.36 ng/ml



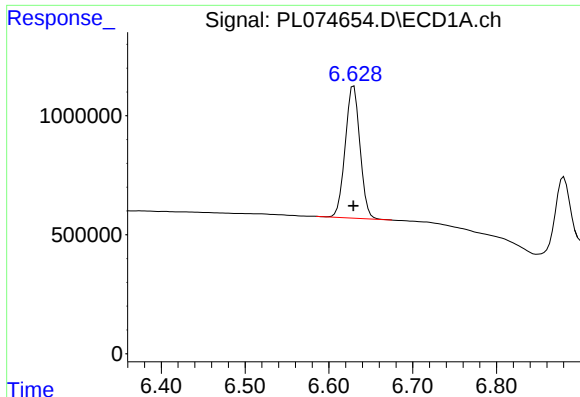
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 6965645
Conc: 10.18 ng/ml



#2 alpha-BHC

R.T.: 5.379 min
Delta R.T.: 0.009 min
Response: 15780325
Conc: 9.38 ng/ml



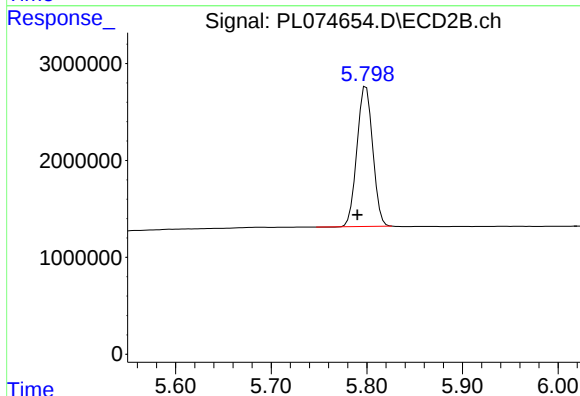
#3 gamma-BHC (Lindane)

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 6810509
Conc: 10.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

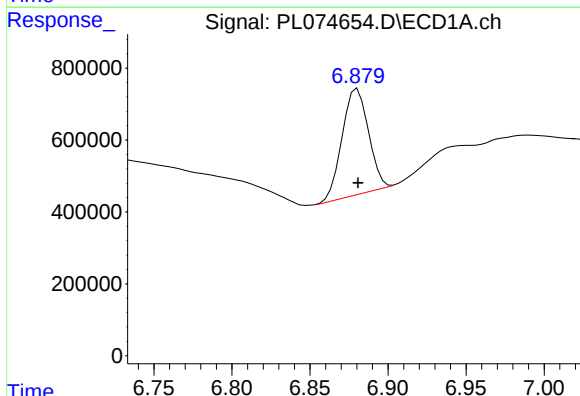
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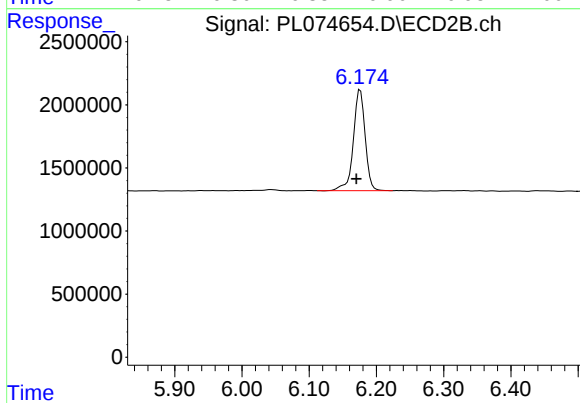
#3 gamma-BHC (Lindane)

R.T.: 5.799 min
Delta R.T.: 0.009 min
Response: 16549683
Conc: 10.02 ng/ml



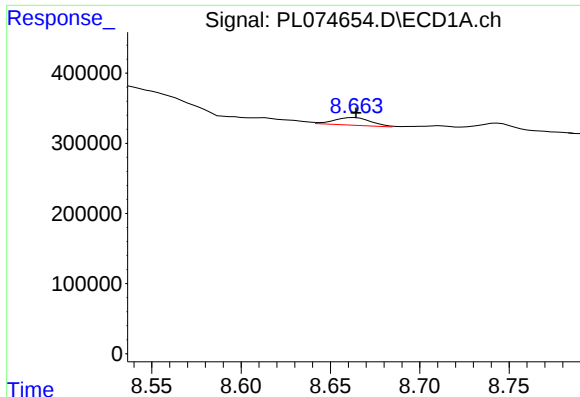
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 3455203
Conc: 11.58 ng/ml



#6 beta-BHC

R.T.: 6.176 min
Delta R.T.: 0.006 min
Response: 9776502
Conc: 12.31 ng/ml



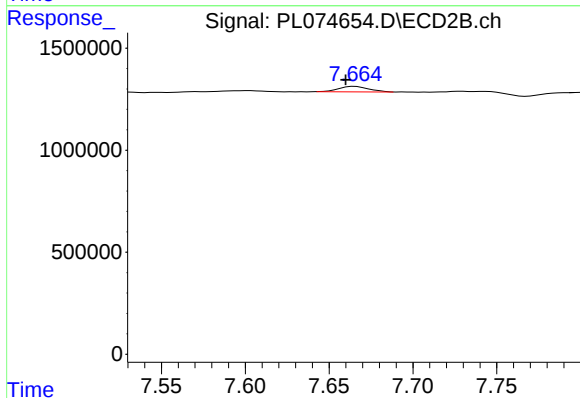
#12 4,4'-DDE

R.T.: 8.663 min
Delta R.T.: -0.001 min
Response: 153310
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

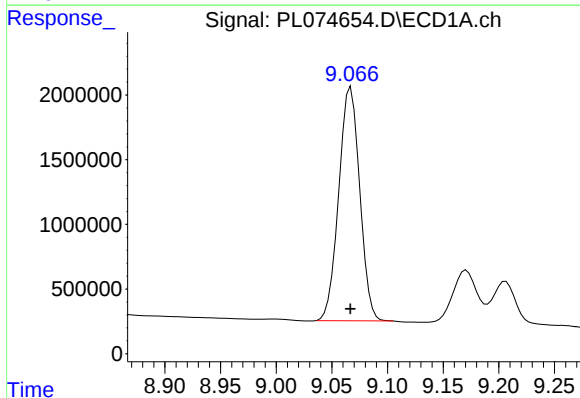
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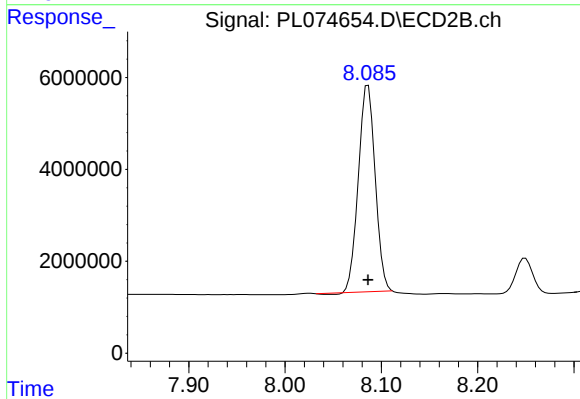
#12 4,4'-DDE

R.T.: 7.664 min
Delta R.T.: 0.004 min
Response: 336688
Conc: 0.29 ng/ml m



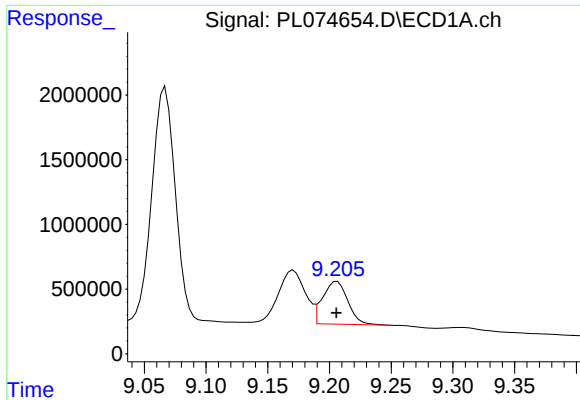
#14 Endrin

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 23683322
Conc: 57.39 ng/ml



#14 Endrin

R.T.: 8.086 min
Delta R.T.: 0.000 min
Response: 54597125
Conc: 51.69 ng/ml



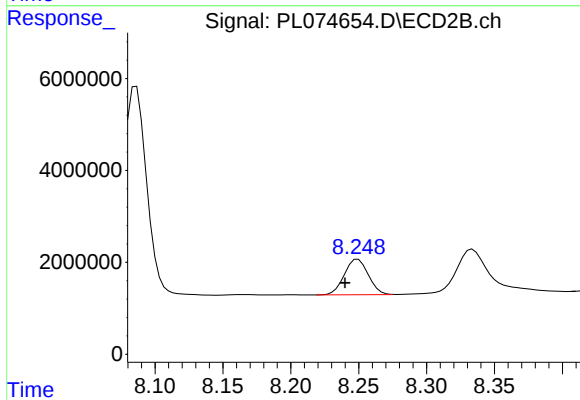
#16 4,4'-DDD

R.T.: 9.206 min
Delta R.T.: 0.000 min
Response: 4685904
Conc: 10.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

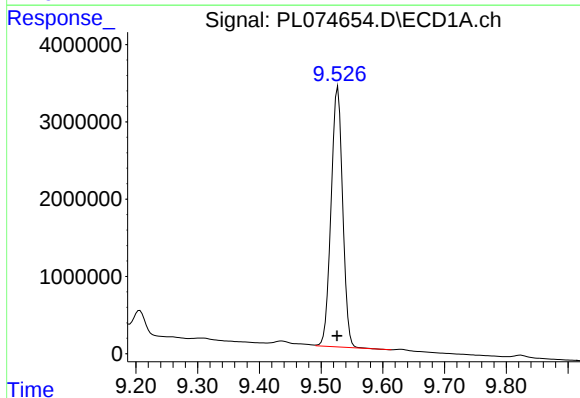
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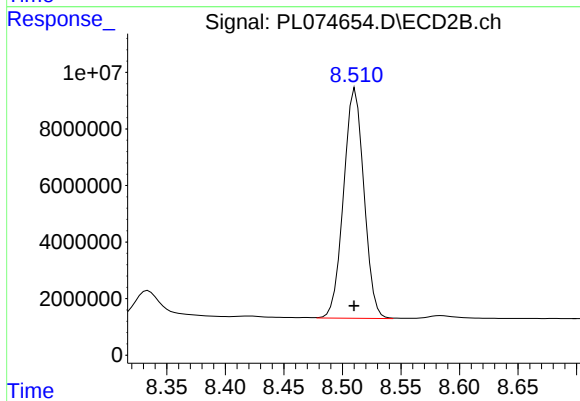
#16 4,4'-DDD

R.T.: 8.248 min
Delta R.T.: 0.008 min
Response: 9504335
Conc: 9.65 ng/ml m



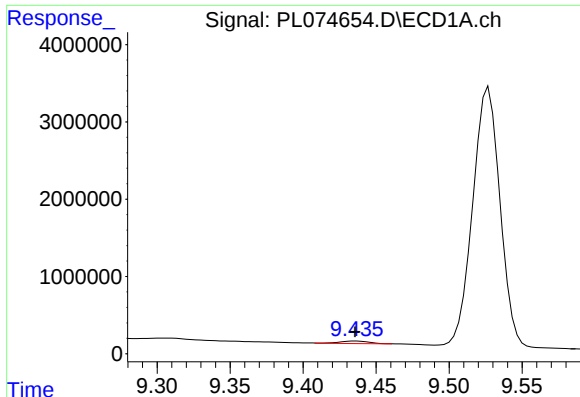
#17 4,4'-DDT

R.T.: 9.527 min
Delta R.T.: 0.000 min
Response: 43923759
Conc: 92.42 ng/ml



#17 4,4'-DDT

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 98313630
Conc: 98.26 ng/ml m



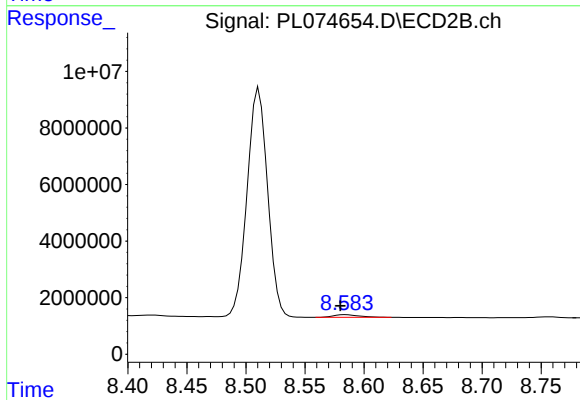
#18 Endrin aldehyde

R.T.: 9.435 min
Delta R.T.: 0.000 min
Response: 481158
Conc: 1.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

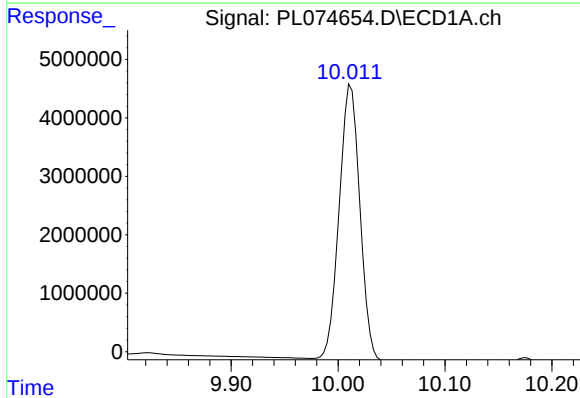
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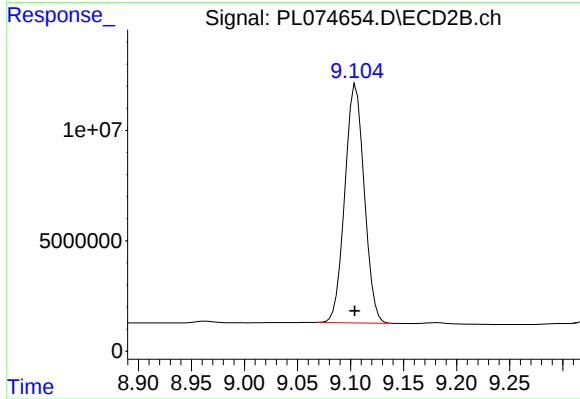
#18 Endrin aldehyde

R.T.: 8.583 min
Delta R.T.: 0.003 min
Response: 1474725
Conc: 1.85 ng/ml m



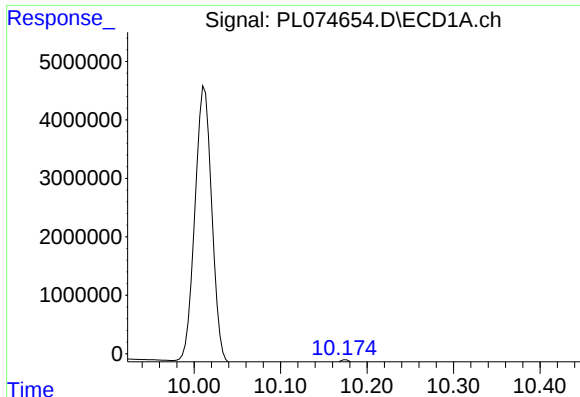
#20 Methoxychlor

R.T.: 10.012 min
Delta R.T.: 0.000 min
Response: 63212136
Conc: 258.10 ng/ml



#20 Methoxychlor

R.T.: 9.104 min
Delta R.T.: 0.000 min
Response: 137493574
Conc: 235.28 ng/ml m



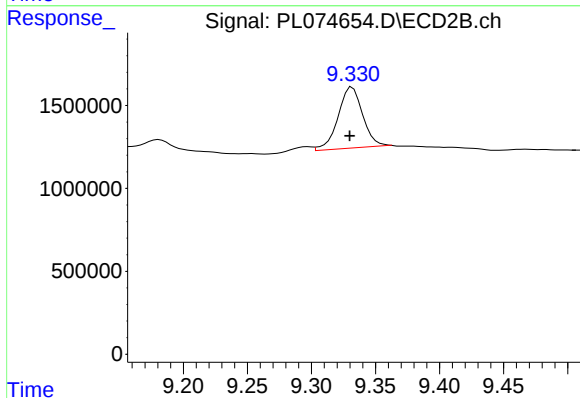
#21 Endrin ketone

R.T.: 10.176 min
Delta R.T.: -0.001 min
Response: 1855132
Conc: 3.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

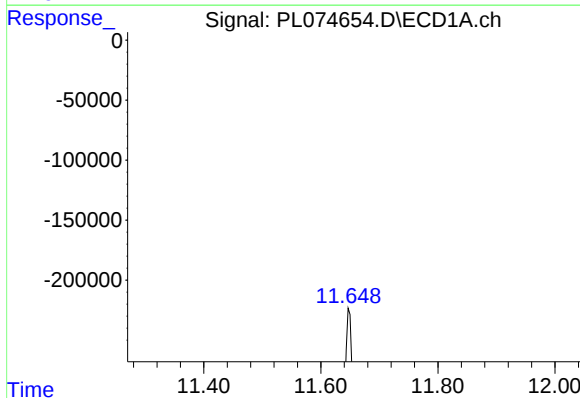
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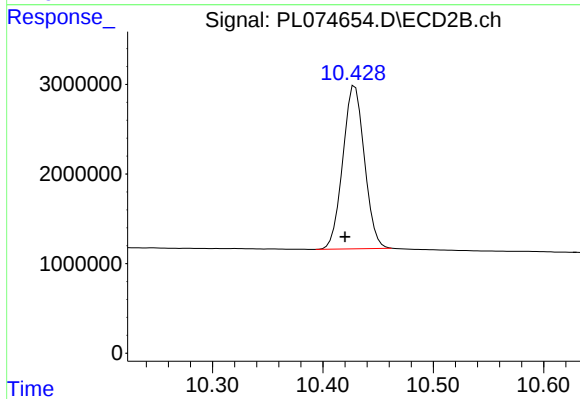
#21 Endrin ketone

R.T.: 9.332 min
Delta R.T.: 0.002 min
Response: 4906368
Conc: 4.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.649 min
Delta R.T.: 0.000 min
Response: 11034603
Conc: 24.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: 0.009 min
Response: 24773204
Conc: 24.14 ng/ml