

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051922\
 Data File : PL074833.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 09:47
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/20/2022
 Supervised By : mohammad ahmed 05/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 18:51:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.646	4.650	12813064	34441573	25.236	25.094
28)	SA Decachlor...	11.647	10.404	12709030	32003202	28.458	31.180
Target Compounds							
2)	A alpha-BHC	6.230	5.353	8035038	21162049	11.745	12.575
3)	MA gamma-BHC...	6.628	5.774	7880296	21377190	12.208	12.937
6)	B beta-BHC	6.880	6.151	4070977	12075074	13.640	15.208
12)	B 4,4'-DDE	8.662	7.640	146796	422434	0.317m	0.359
14)	MA Endrin	9.065	8.060	28506773	76223132	69.080	72.160
16)	A 4,4'-DDD	9.203	8.224	1745096	4247984	3.860m	4.312
17)	MA 4,4'-DDT	9.524	8.486	57571260	146.3E6	125.255	146.223
18)	B Endrin al...	9.433	8.559	478727	1450666	1.353m	1.816m#
20)	A Methoxychlor	10.010	9.080	76770839	190.4E6	313.462	325.762
21)	B Endrin ke...	10.175	9.305	1500961	3635418	2.927	3.261m

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

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

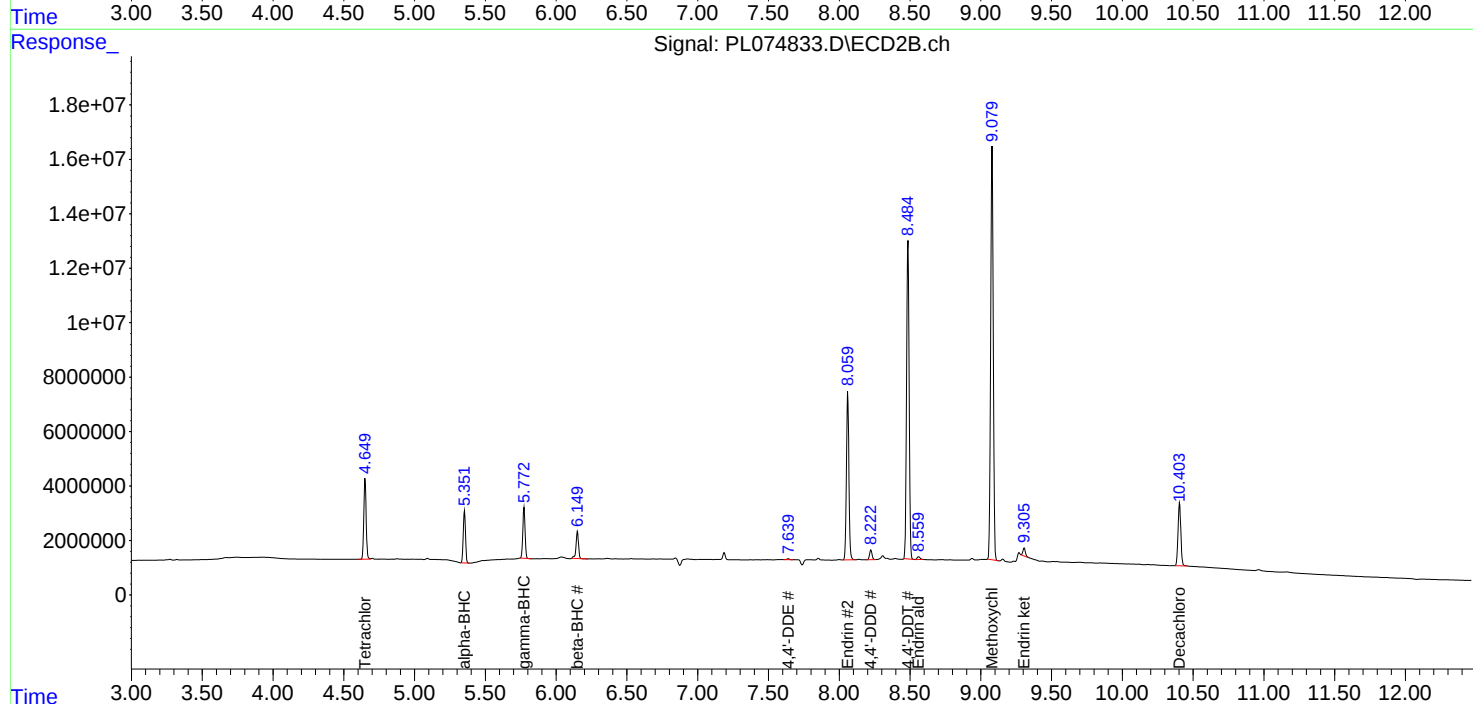
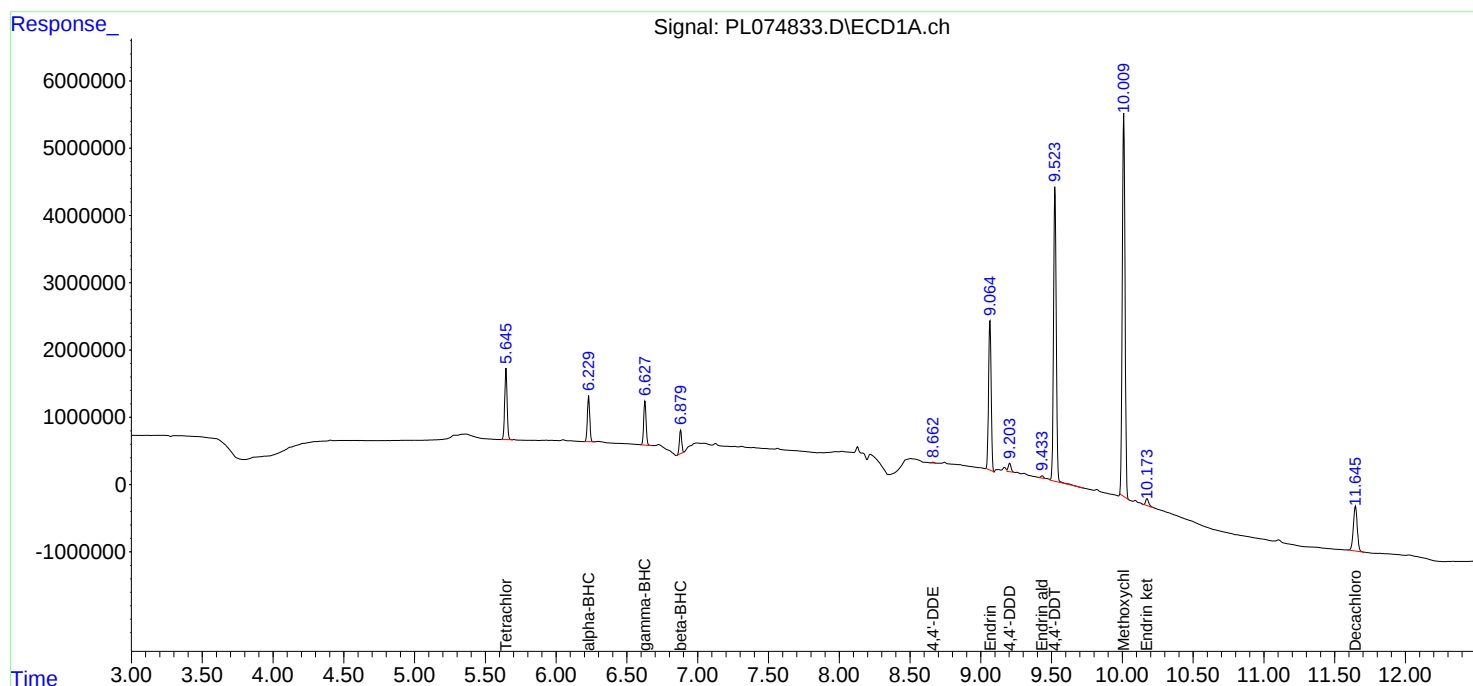
Instrument :
ECD_L
ClientSampleId :
PEM

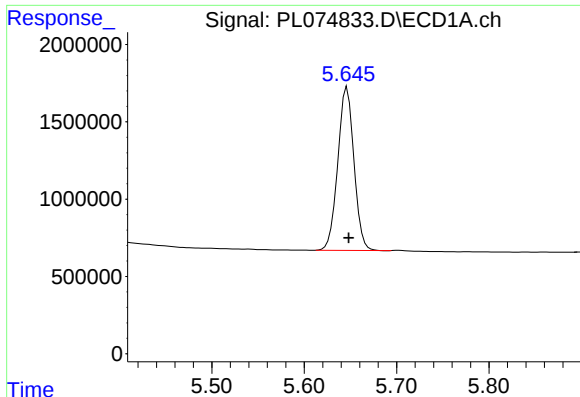
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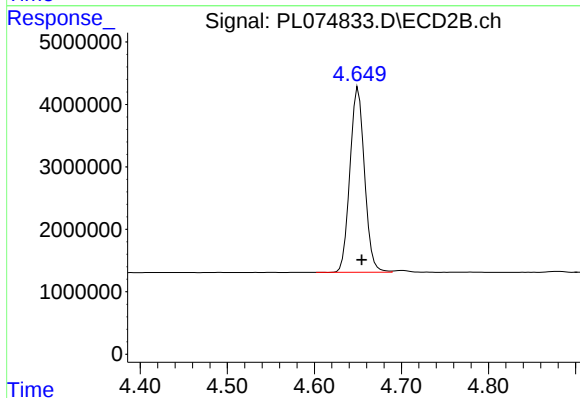
#1 Tetrachloro-m-xylene

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 12813064
Conc: 25.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

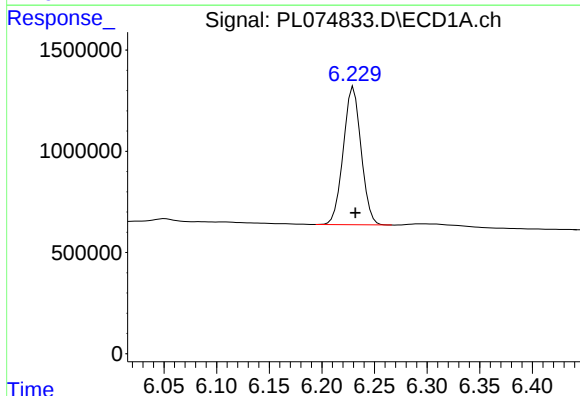
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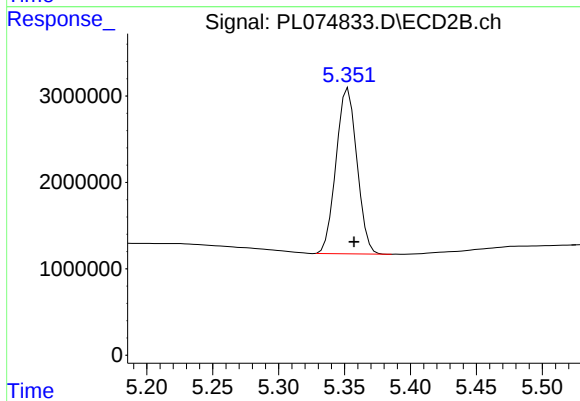
#1 Tetrachloro-m-xylene

R.T.: 4.650 min
Delta R.T.: -0.004 min
Response: 34441573
Conc: 25.09 ng/ml



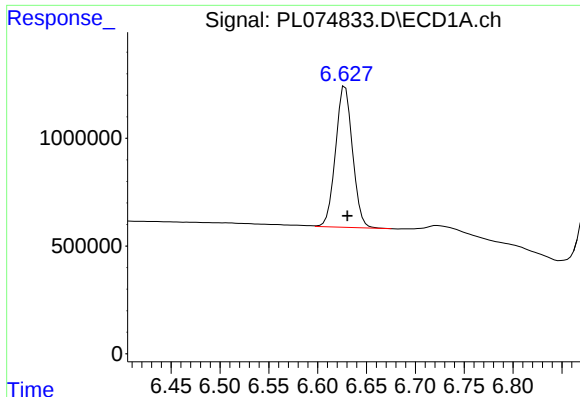
#2 alpha-BHC

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 8035038
Conc: 11.74 ng/ml



#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: -0.004 min
Response: 21162049
Conc: 12.57 ng/ml



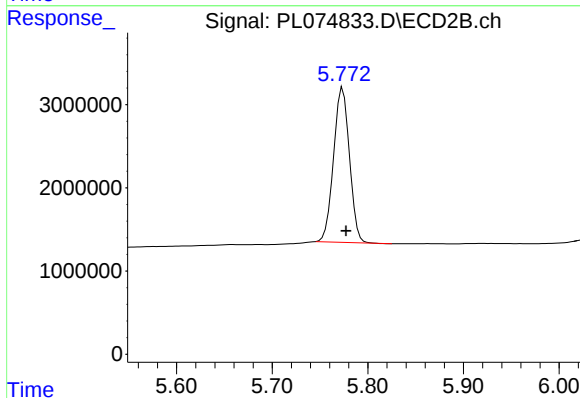
#3 gamma-BHC (Lindane)

R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 7880296
Conc: 12.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

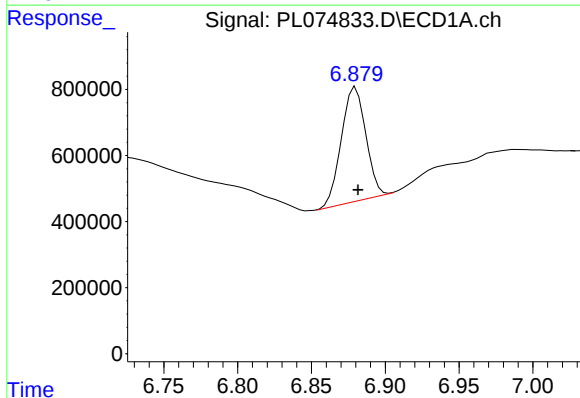
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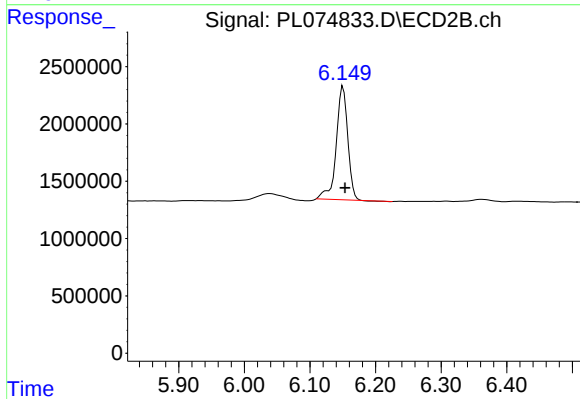
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 21377190
Conc: 12.94 ng/ml



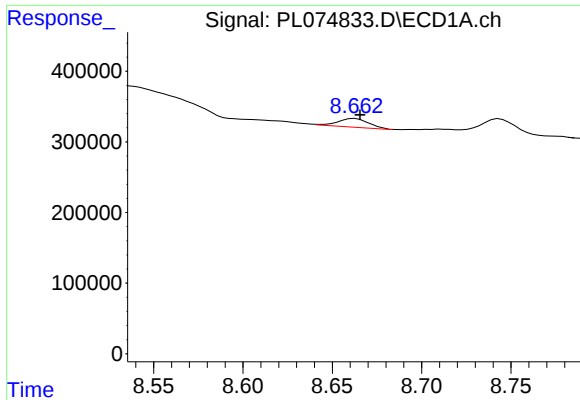
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 4070977
Conc: 13.64 ng/ml



#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.003 min
Response: 12075074
Conc: 15.21 ng/ml



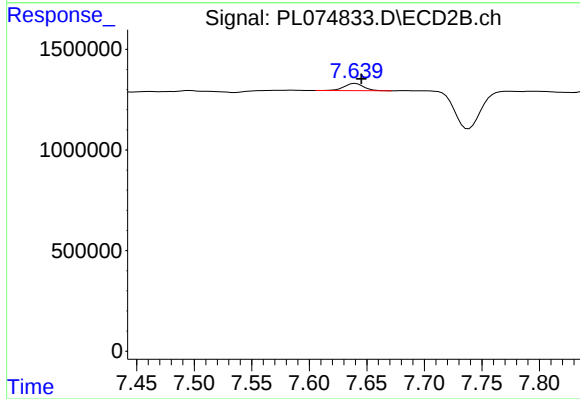
#12 4,4'-DDE

R.T.: 8.662 min
Delta R.T.: -0.003 min
Response: 146796
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

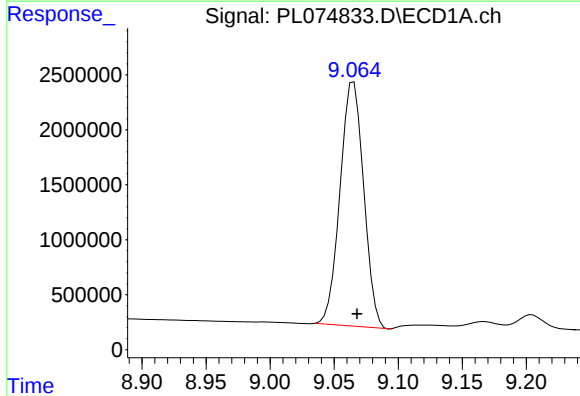
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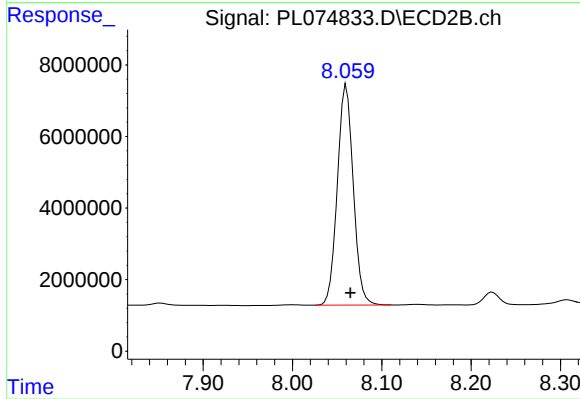
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 422434
Conc: 0.36 ng/ml



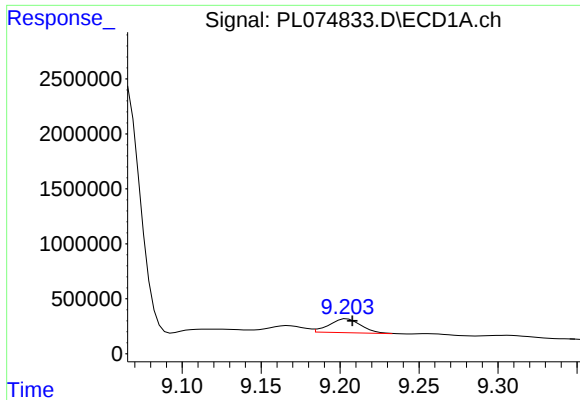
#14 Endrin

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 28506773
Conc: 69.08 ng/ml



#14 Endrin

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 76223132
Conc: 72.16 ng/ml



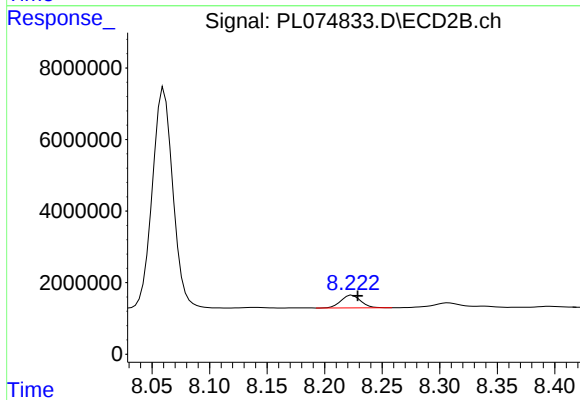
#16 4,4'-DDD

R.T.: 9.203 min
Delta R.T.: -0.005 min
Response: 1745096
Conc: 3.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

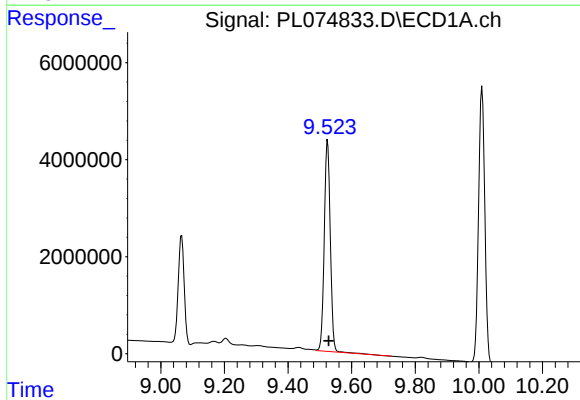
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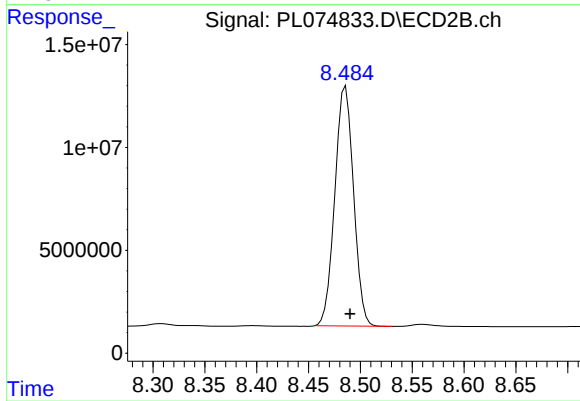
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 4247984
Conc: 4.31 ng/ml



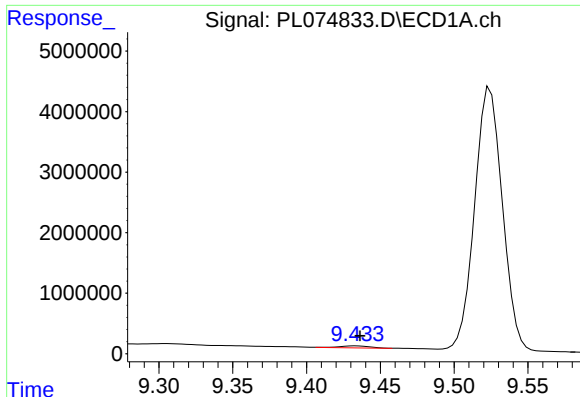
#17 4,4'-DDT

R.T.: 9.524 min
Delta R.T.: -0.003 min
Response: 57571260
Conc: 125.26 ng/ml



#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.004 min
Response: 146298388
Conc: 146.22 ng/ml



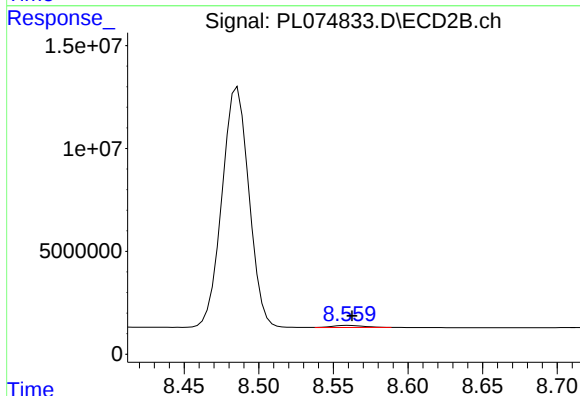
#18 Endrin aldehyde

R.T.: 9.433 min
Delta R.T.: -0.003 min
Response: 478727
Conc: 1.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

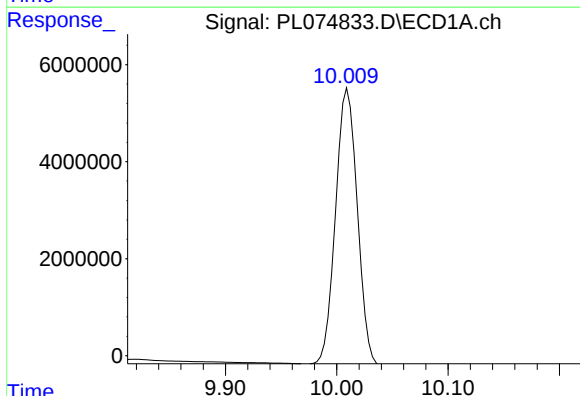
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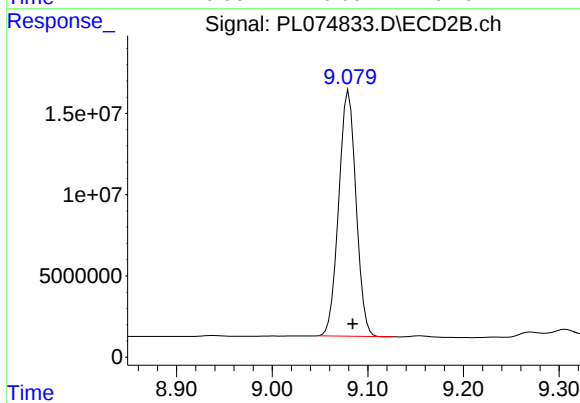
#18 Endrin aldehyde

R.T.: 8.559 min
Delta R.T.: -0.004 min
Response: 1450666
Conc: 1.82 ng/ml m



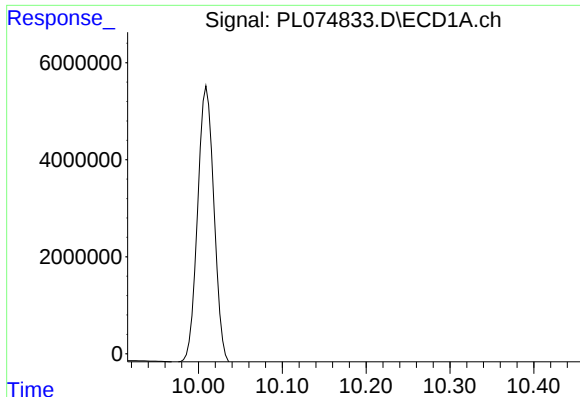
#20 Methoxychlor

R.T.: 10.010 min
Delta R.T.: -0.003 min
Response: 76770839
Conc: 313.46 ng/ml



#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.004 min
Response: 190373028
Conc: 325.76 ng/ml



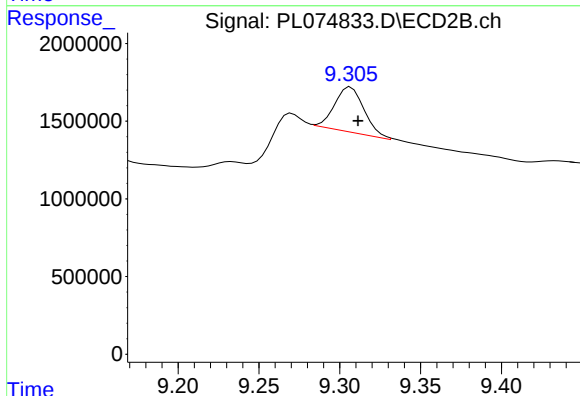
#21 Endrin ketone

R.T.: 10.175 min
Delta R.T.: -0.002 min
Response: 1500961
Conc: 2.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

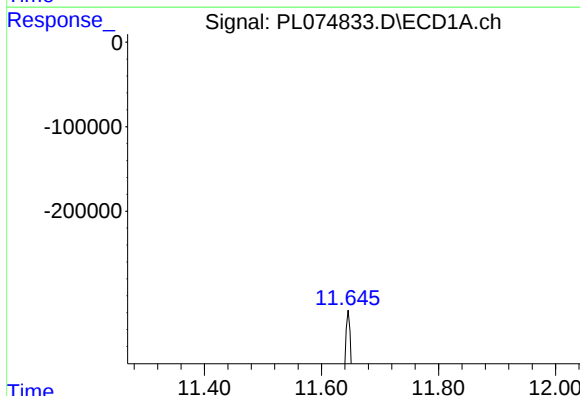
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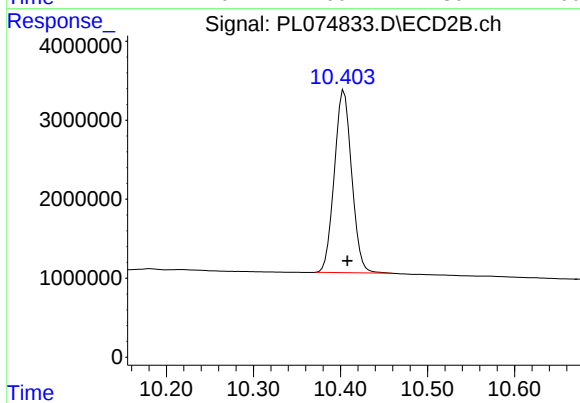
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.006 min
Response: 3635418
Conc: 3.26 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.647 min
Delta R.T.: -0.004 min
Response: 12709030
Conc: 28.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 32003202
Conc: 31.18 ng/ml