

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051122\
 Data File : PL074633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2022 19:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 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 14 05:36:39 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...	5.647	4.653	12264909	28195932	24.156	20.543
28)	SA Decachlor...	11.649	10.406	11862488	21152571	26.563	20.608
Target Compounds							
2)	A alpha-BHC	6.231	5.356	7476135	16147045	10.928	9.595
3)	MA gamma-BHC...	6.630	5.776	7222931	16352909	11.190	9.896
6)	B beta-BHC	6.880	6.152	3656759	9495174	12.252	11.959
12)	B 4,4'-DDE	8.663	7.644	106837	267177	0.231m	0.227
14)	MA Endrin	9.067	8.063	26919163	57012279	65.233	53.973
16)	A 4,4'-DDD	9.206	8.226	6608436	11019307	14.616	11.186
17)	MA 4,4'-DDT	9.527	8.488	45301881	83191845	98.561	83.149
18)	B Endrin al...	9.440	8.567	40153	660688	0.113m	0.827 #
20)	A Methoxychlor	10.012	9.082	65924627	124.5E6	269.176	213.074
21)	B Endrin ke...	10.177	9.309	1387234	1798324	2.705	1.613 #

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

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Acq On : 11 May 2022 19:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

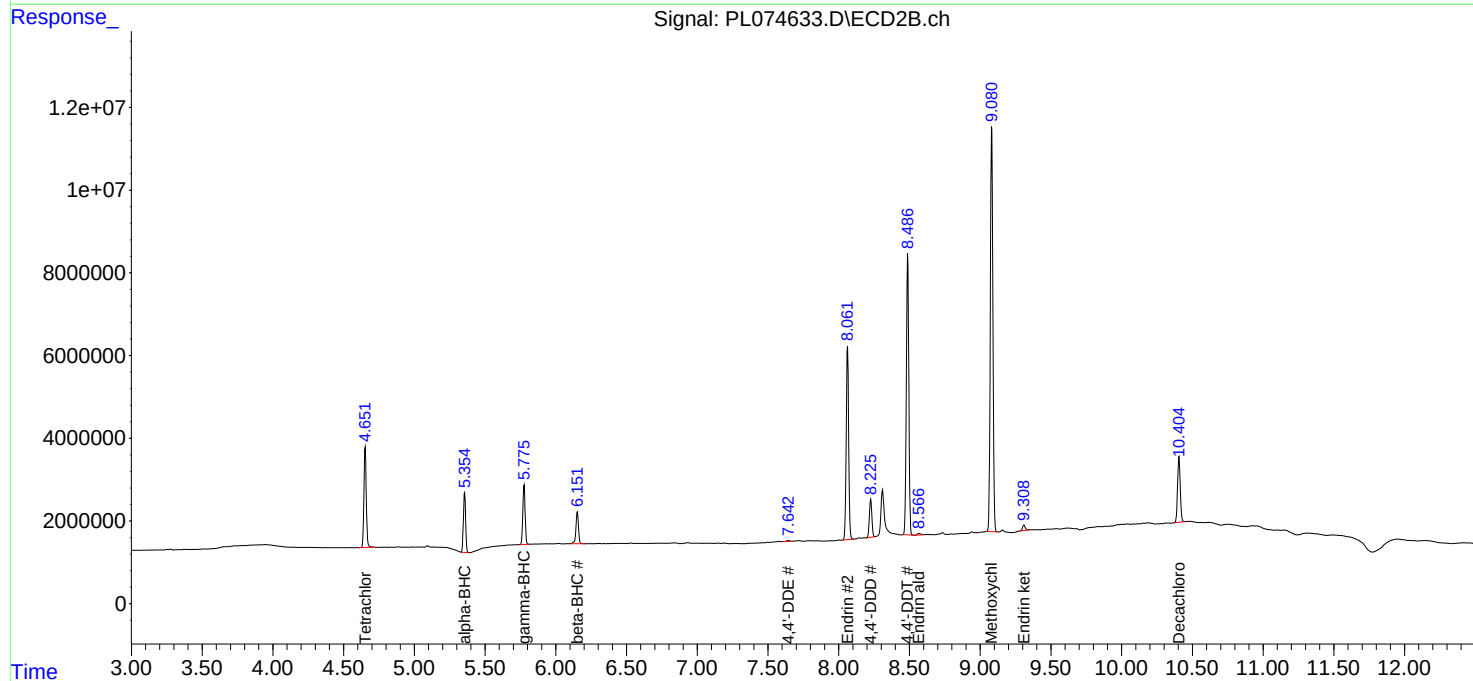
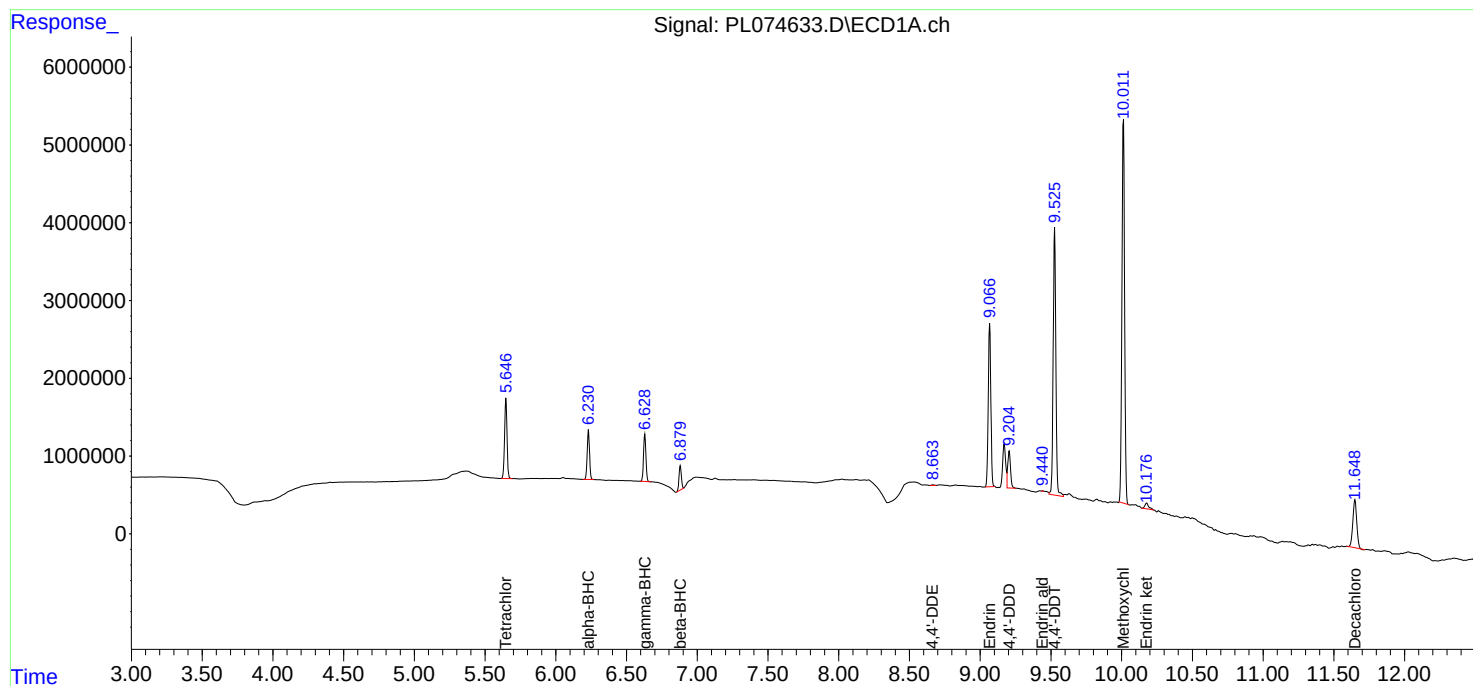
Instrument :
ECD_L
ClientSampleId :
PEM

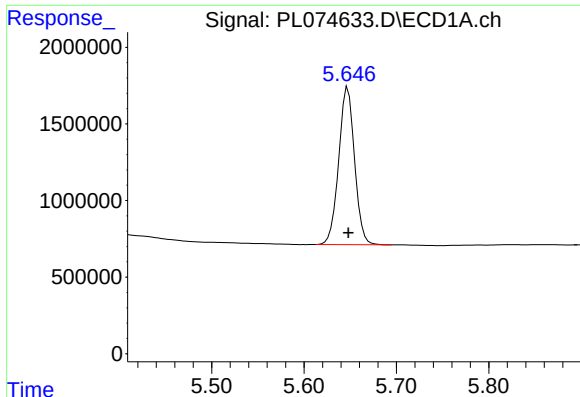
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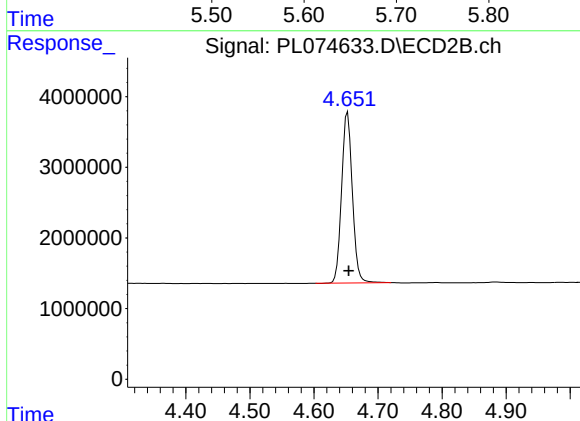
#1 Tetrachloro-m-xylene

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 12264909
Conc: 24.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

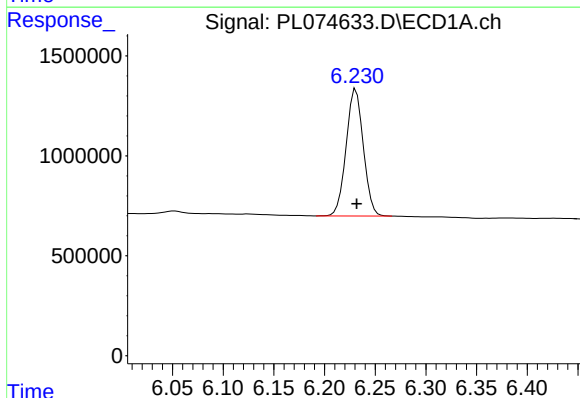
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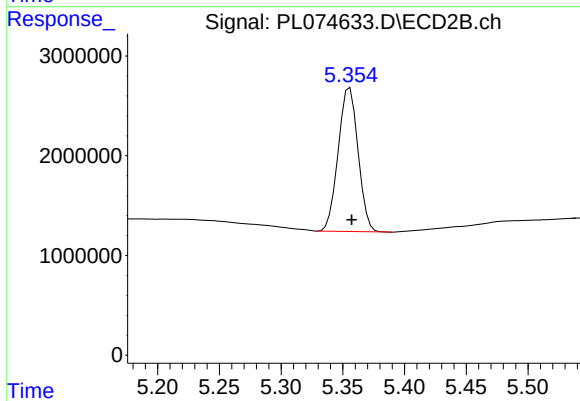
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: -0.002 min
Response: 28195932
Conc: 20.54 ng/ml



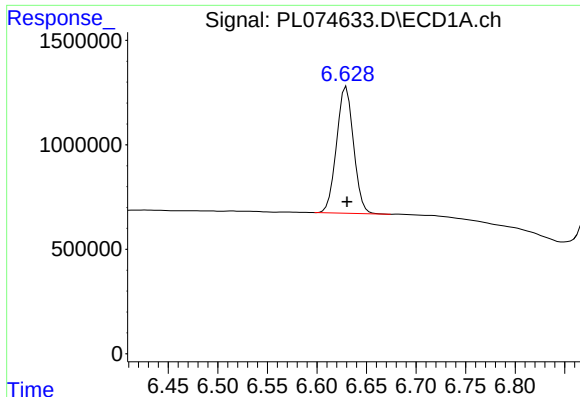
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 7476135
Conc: 10.93 ng/ml



#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 16147045
Conc: 9.59 ng/ml



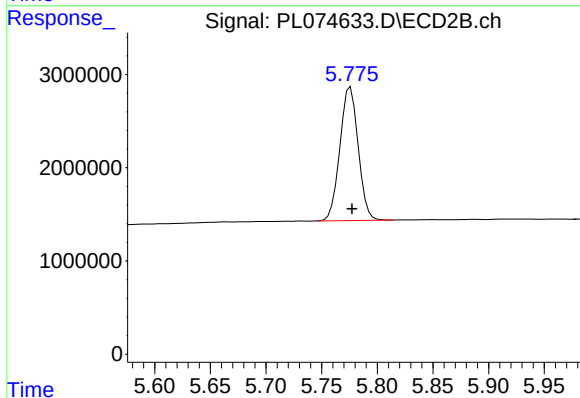
#3 gamma-BHC (Lindane)

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 7222931
Conc: 11.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

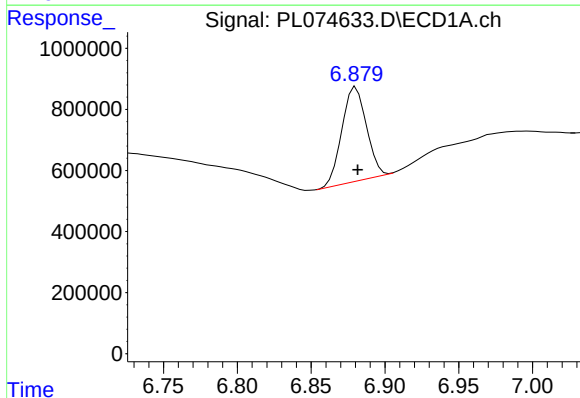
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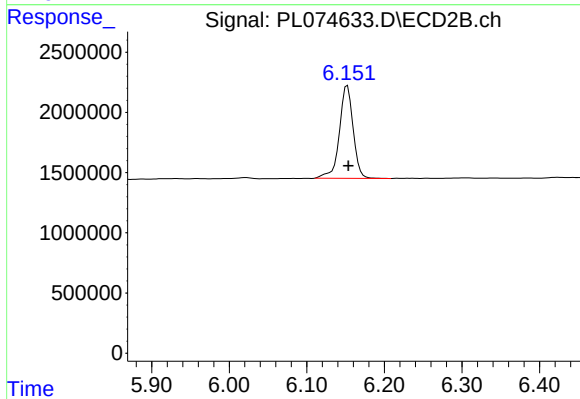
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 16352909
Conc: 9.90 ng/ml



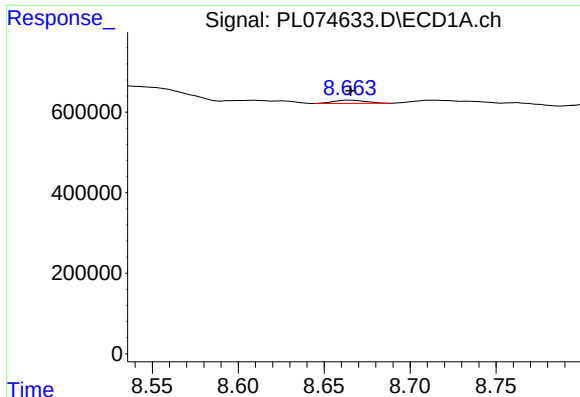
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: -0.001 min
Response: 3656759
Conc: 12.25 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 9495174
Conc: 11.96 ng/ml



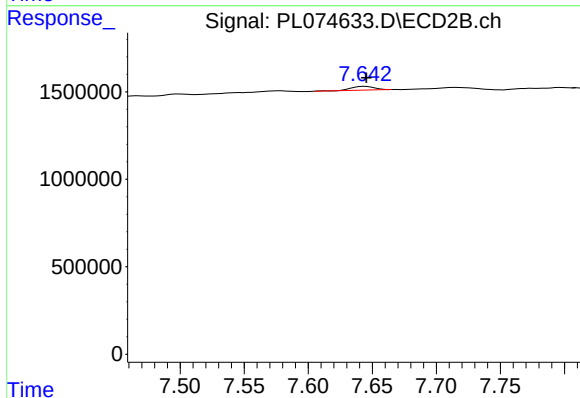
#12 4,4'-DDE

R.T.: 8.663 min
Delta R.T.: -0.002 min
Response: 106837
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

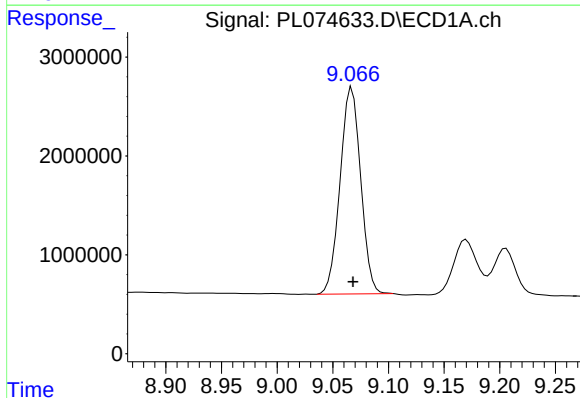
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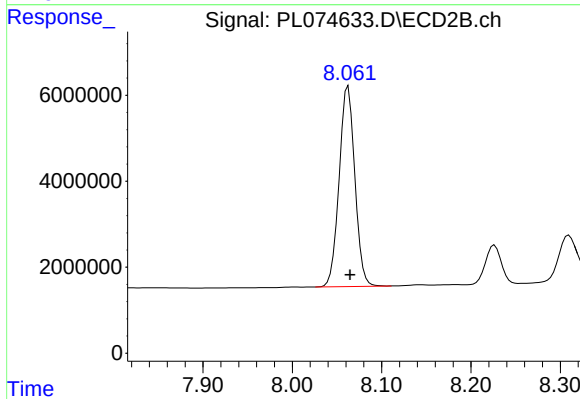
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 267177
Conc: 0.23 ng/ml



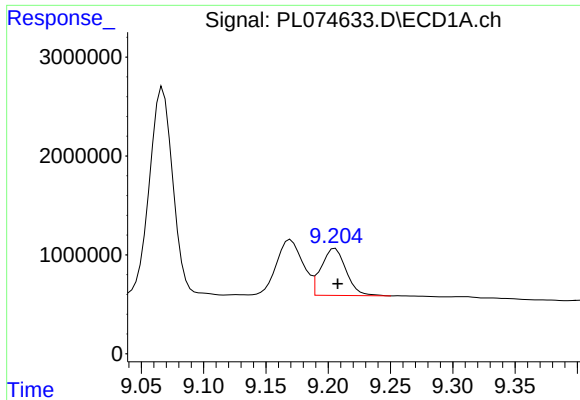
#14 Endrin

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 26919163
Conc: 65.23 ng/ml



#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 57012279
Conc: 53.97 ng/ml



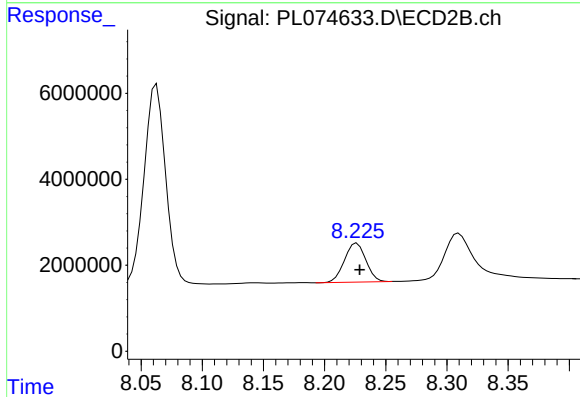
#16 4,4'-DDD

R.T.: 9.206 min
Delta R.T.: -0.002 min
Response: 6608436
Conc: 14.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

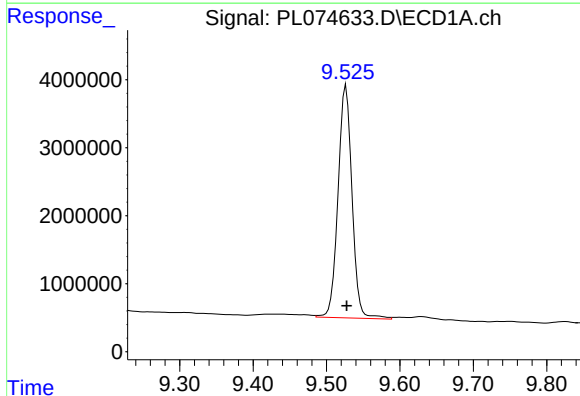
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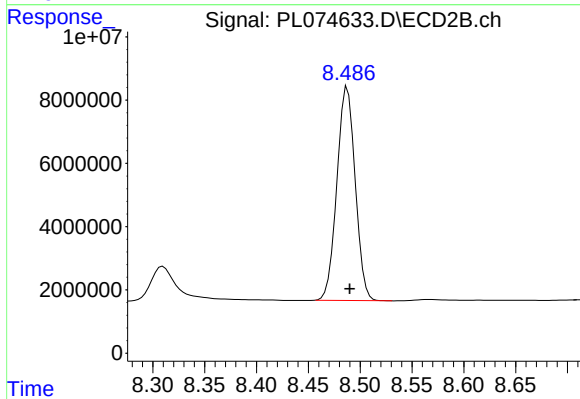
#16 4,4'-DDD

R.T.: 8.226 min
Delta R.T.: -0.002 min
Response: 11019307
Conc: 11.19 ng/ml



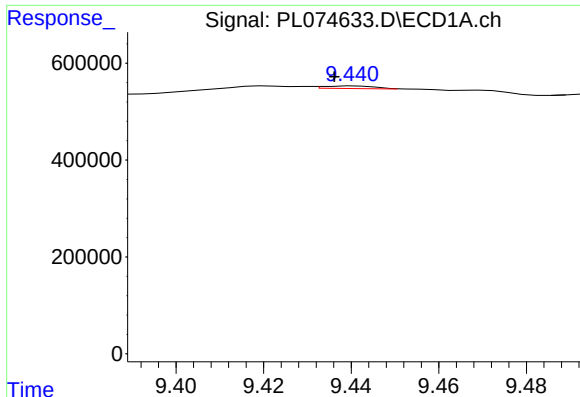
#17 4,4'-DDT

R.T.: 9.527 min
Delta R.T.: 0.000 min
Response: 45301881
Conc: 98.56 ng/ml



#17 4,4'-DDT

R.T.: 8.488 min
Delta R.T.: -0.002 min
Response: 83191845
Conc: 83.15 ng/ml



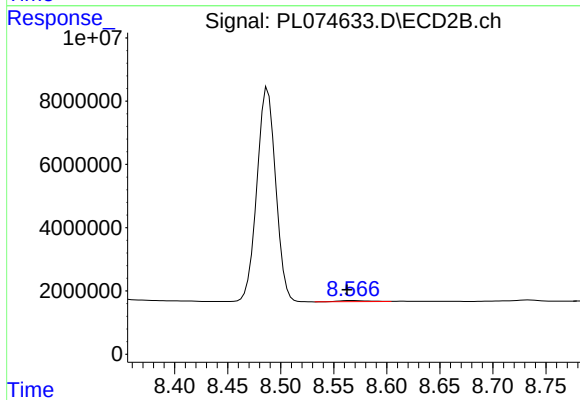
#18 Endrin aldehyde

R.T.: 9.440 min
Delta R.T.: 0.003 min
Response: 40153
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

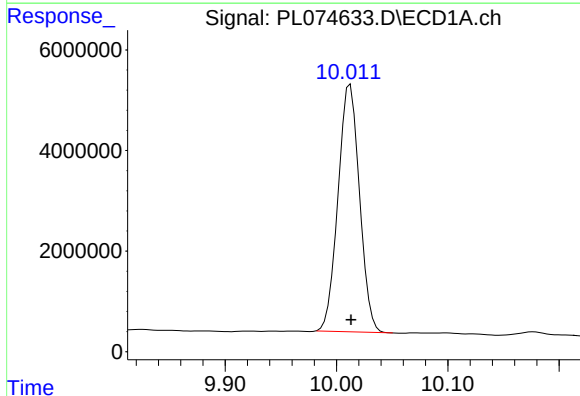
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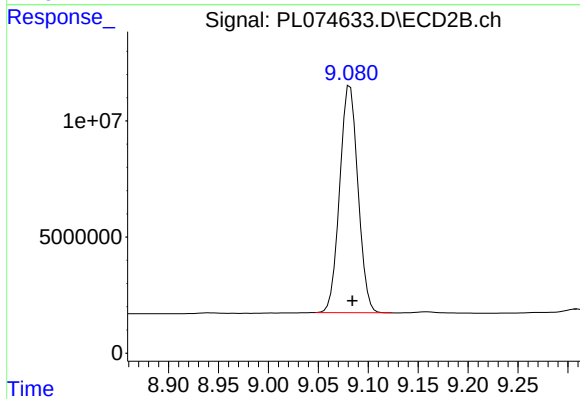
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: 0.005 min
Response: 660688
Conc: 0.83 ng/ml



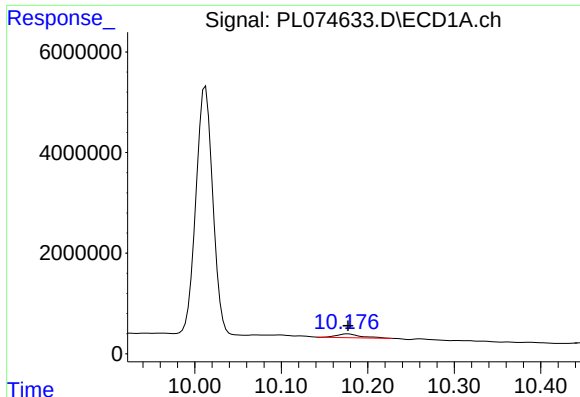
#20 Methoxychlor

R.T.: 10.012 min
Delta R.T.: 0.000 min
Response: 65924627
Conc: 269.18 ng/ml



#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: -0.002 min
Response: 124518567
Conc: 213.07 ng/ml



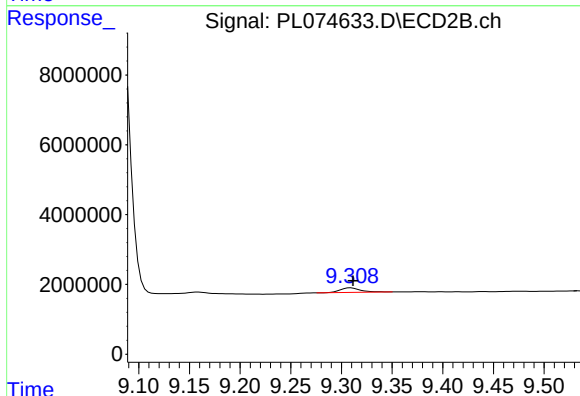
#21 Endrin ketone

R.T.: 10.177 min
Delta R.T.: 0.000 min
Response: 1387234
Conc: 2.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

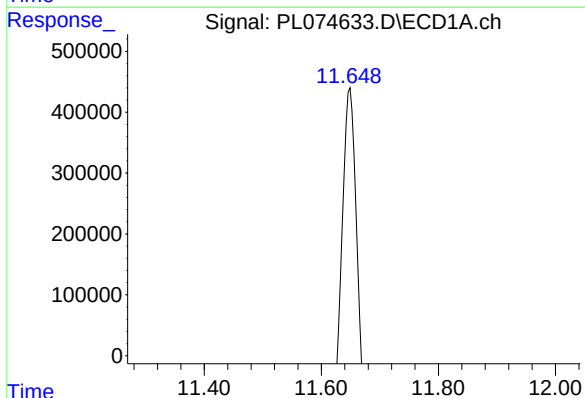
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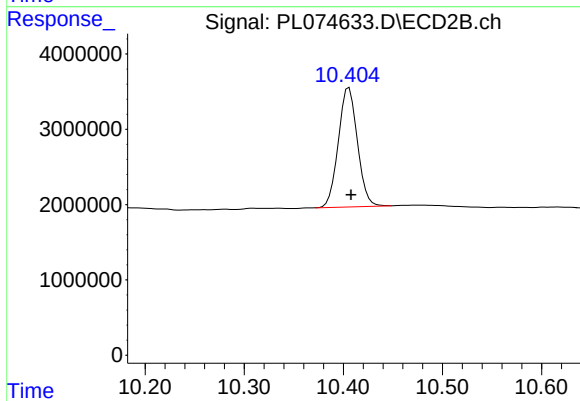
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: -0.002 min
Response: 1798324
Conc: 1.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.649 min
Delta R.T.: -0.002 min
Response: 11862488
Conc: 26.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 21152571
Conc: 20.61 ng/ml