

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050422\
 Data File : PL074531.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 20:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:30:35 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...	4.633	5.489	7175404	38882968	22.207	21.808
28)	SA Decachlor...	10.401	11.332	11847736	41288232	22.783m	23.376
Target Compounds							
2)	A alpha-BHC	5.340	6.052	4409339	24564638	10.507	9.755
3)	MA gamma-BHC...	5.764	6.441	4497496	23950866	10.724	10.118
6)	B beta-BHC	6.143	6.678	2609548	12967534	12.771m	11.506
12)	B 4,4'-DDE	7.637	8.461	152106	652441	0.417	0.328
14)	MA Endrin	8.056	8.845	21458707	95310205	52.824	56.275
16)	A 4,4'-DDD	8.222	8.988	1260297	6232670	3.903	4.051
17)	MA 4,4'-DDT	8.484	9.306	39776017	182.3E6	107.608	102.841
18)	B Endrin al...	8.557	9.202	398369	1098212	1.231	0.850m#
20)	A Methoxychlor	9.079	9.787	56931359	227.4E6	229.314	236.373
21)	B Endrin ke...	9.305	9.928	1514192	4907945	3.099	2.835

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

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Acq On : 04 May 2022 20:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

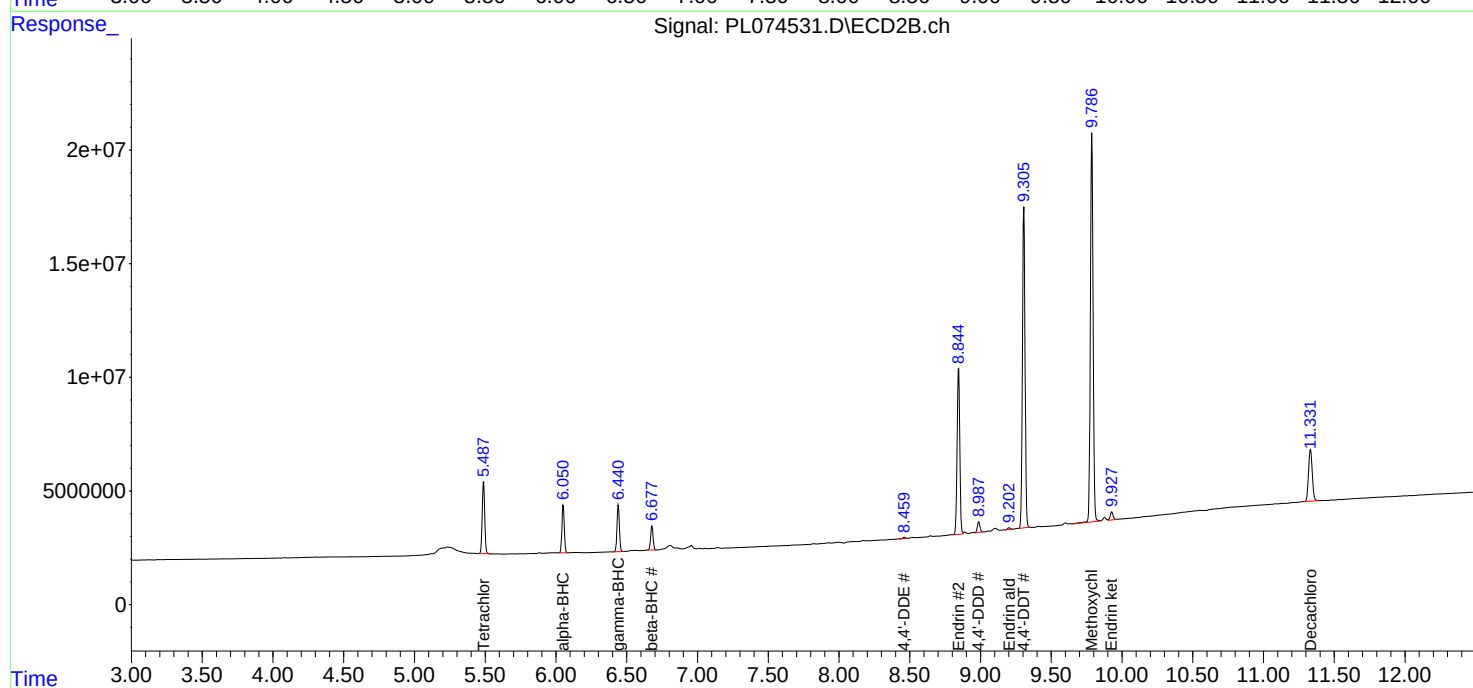
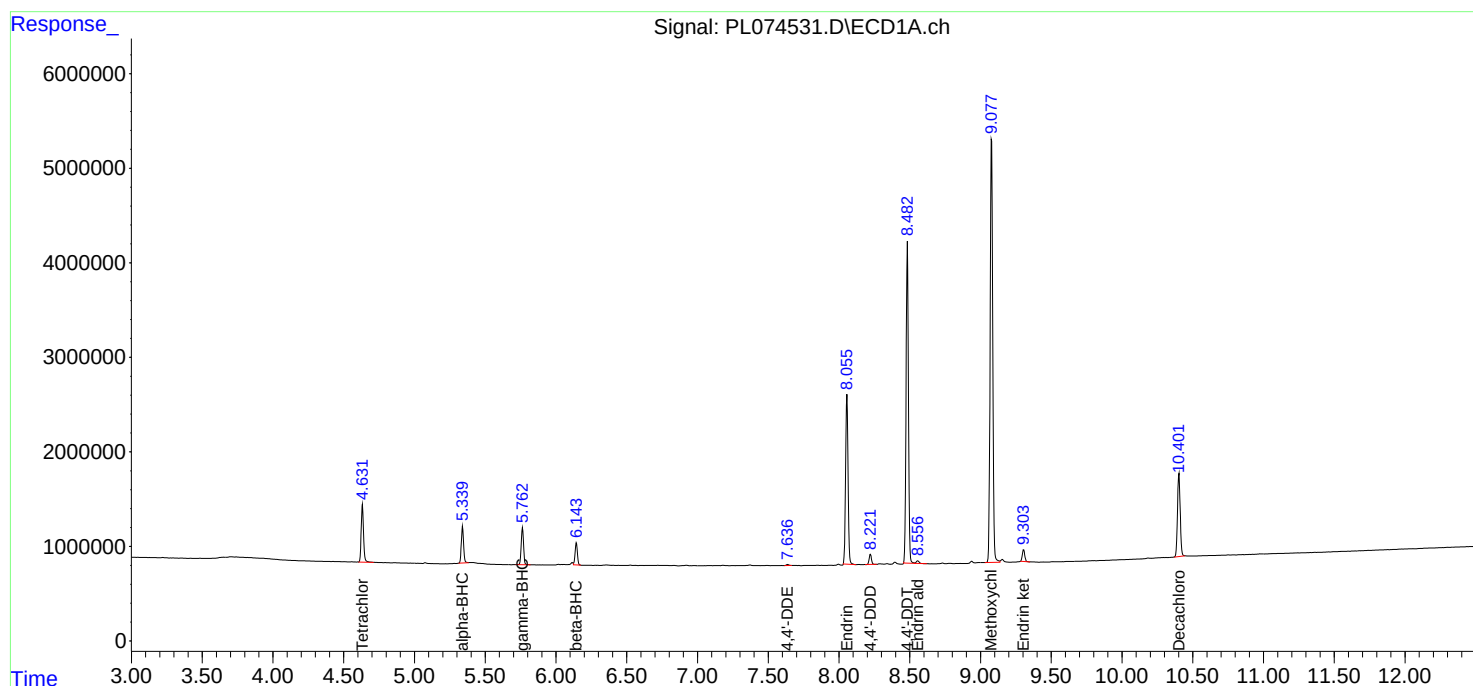
Instrument :
ECD_L
ClientSampleId :
PEM

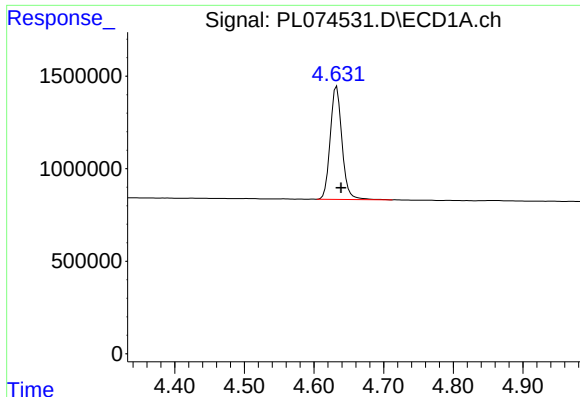
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Integration File signal 1: autoint1.e
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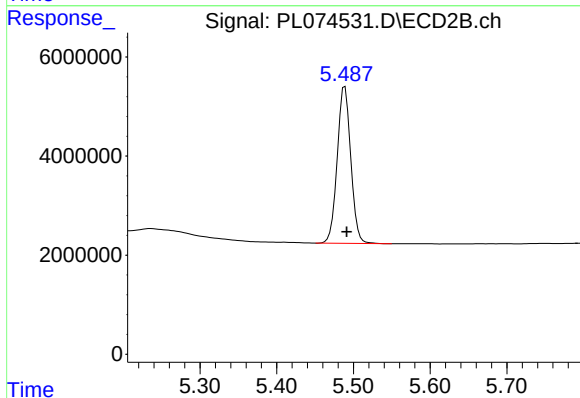
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 7175404
Conc: 22.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

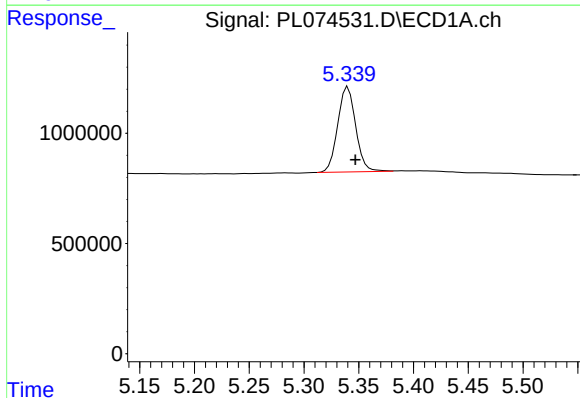
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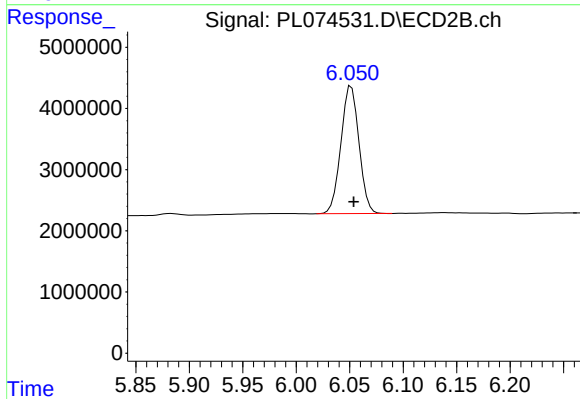
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 38882968
Conc: 21.81 ng/ml



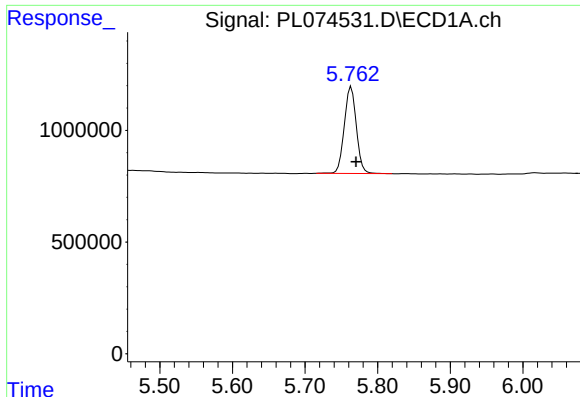
#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: -0.007 min
Response: 4409339
Conc: 10.51 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 24564638
Conc: 9.76 ng/ml



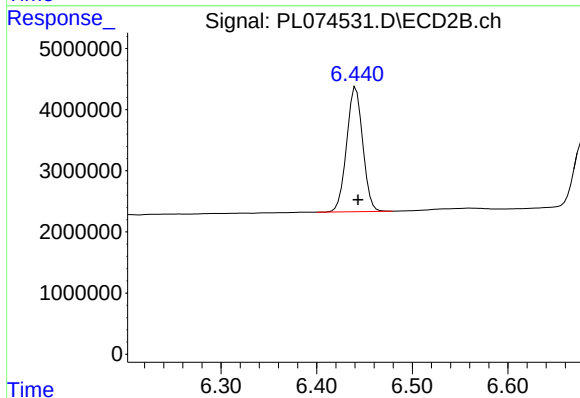
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: -0.007 min
Response: 4497496
Conc: 10.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

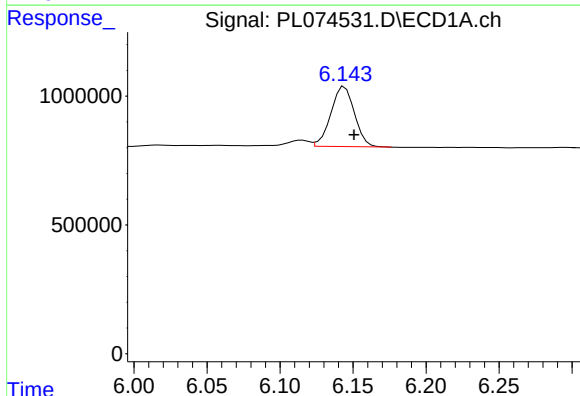
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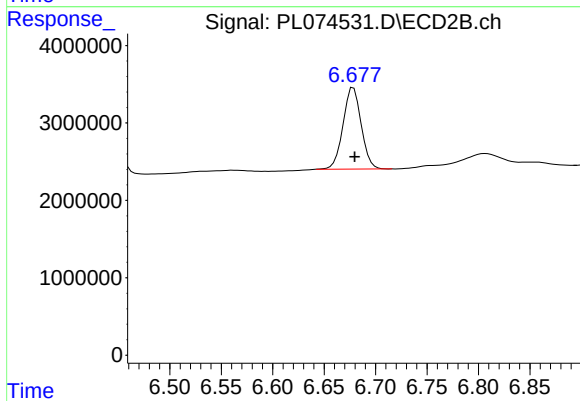
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 23950866
Conc: 10.12 ng/ml



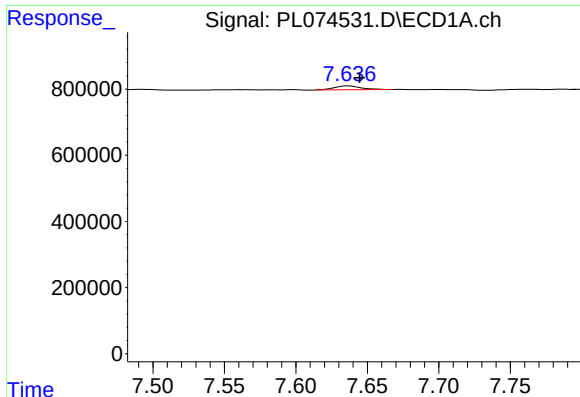
#6 beta-BHC

R.T.: 6.143 min
Delta R.T.: -0.008 min
Response: 2609548
Conc: 12.77 ng/ml m



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.001 min
Response: 12967534
Conc: 11.51 ng/ml



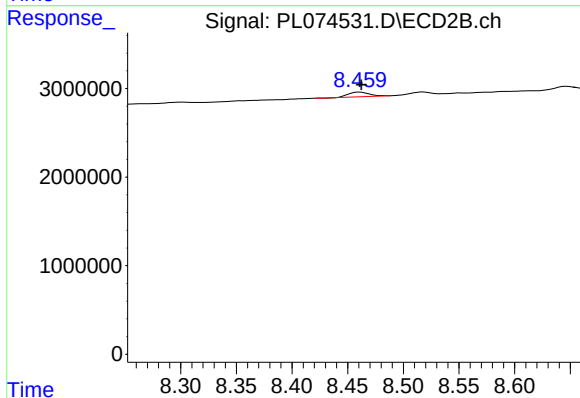
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 152106
Conc: 0.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

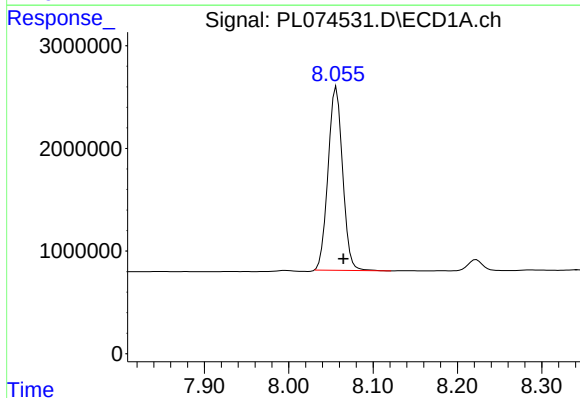
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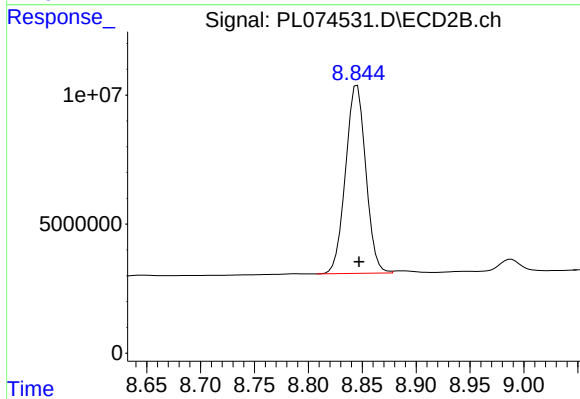
#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 652441
Conc: 0.33 ng/ml



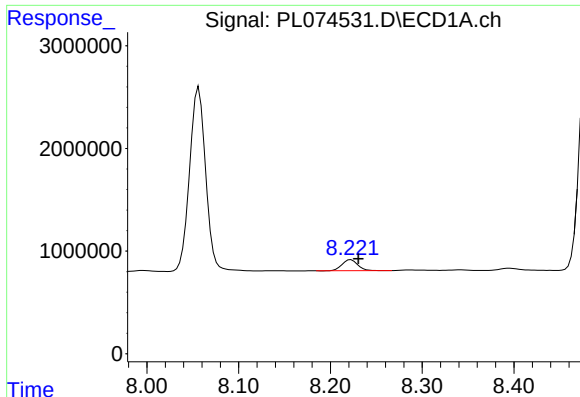
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.008 min
Response: 21458707
Conc: 52.82 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 95310205
Conc: 56.27 ng/ml



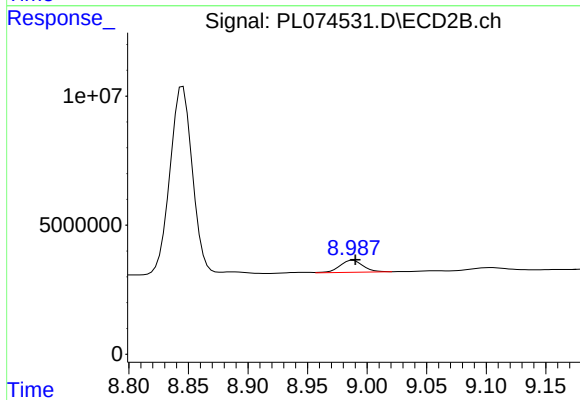
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.008 min
Response: 1260297
Conc: 3.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

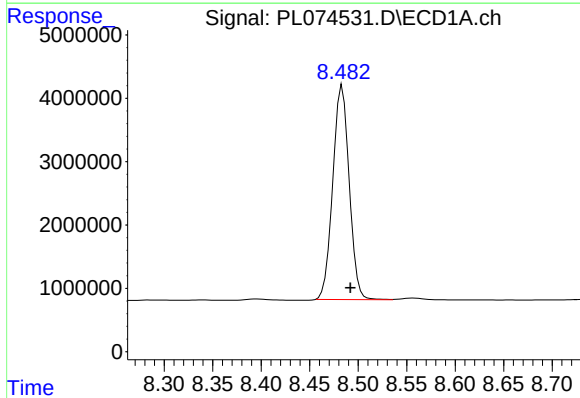
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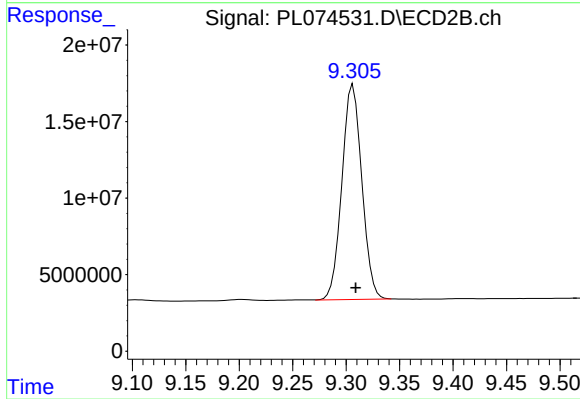
#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 6232670
Conc: 4.05 ng/ml



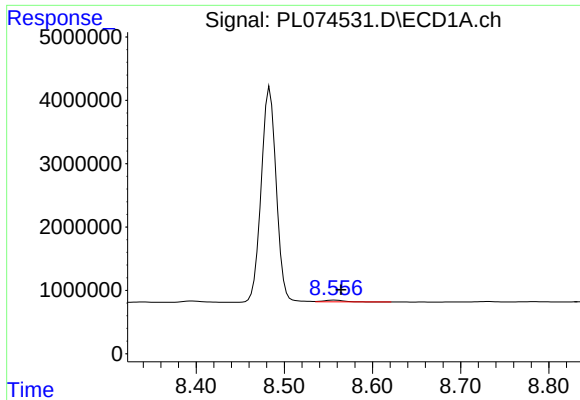
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 39776017
Conc: 107.61 ng/ml



#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.002 min
Response: 182303626
Conc: 102.84 ng/ml



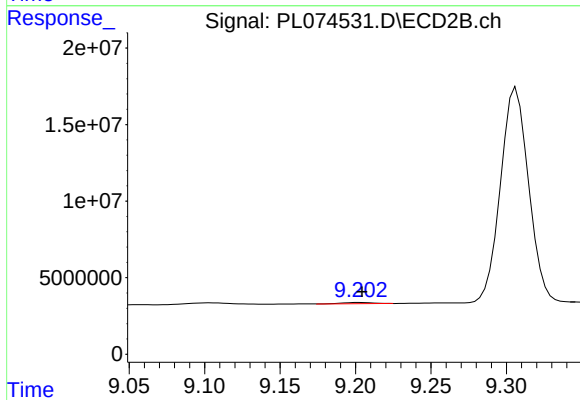
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.007 min
Response: 398369
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

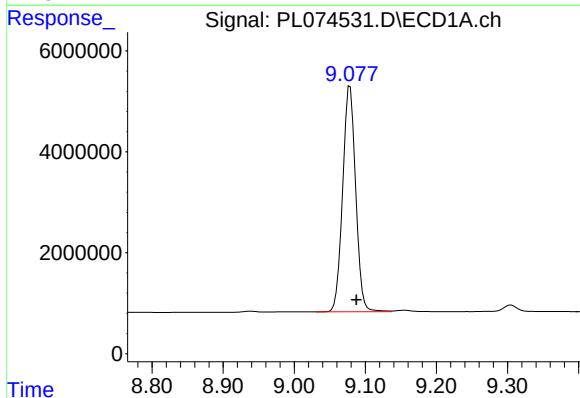
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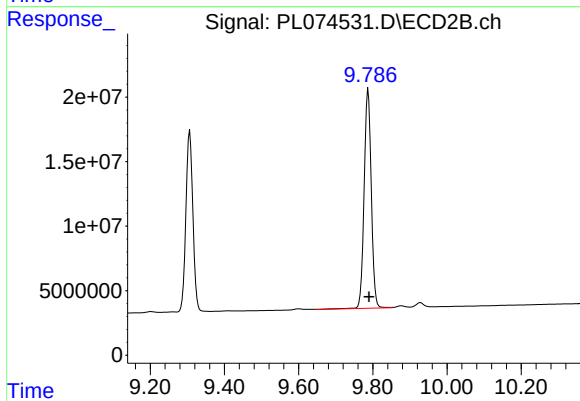
#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.003 min
Response: 1098212
Conc: 0.85 ng/ml m



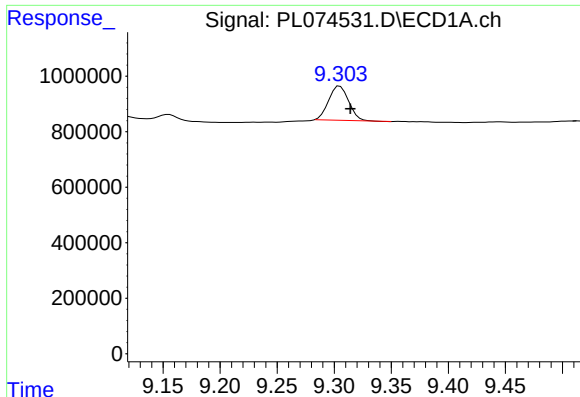
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.009 min
Response: 56931359
Conc: 229.31 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 227354480
Conc: 236.37 ng/ml



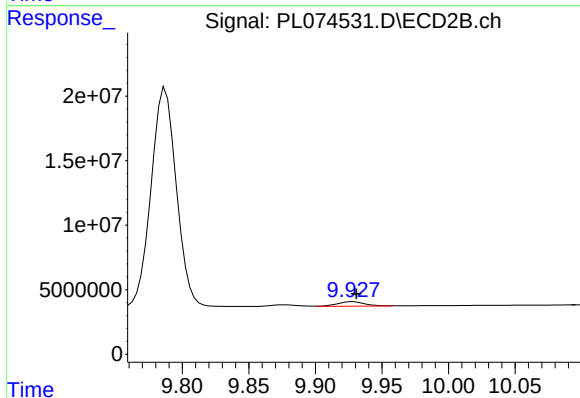
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.009 min
Response: 1514192
Conc: 3.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

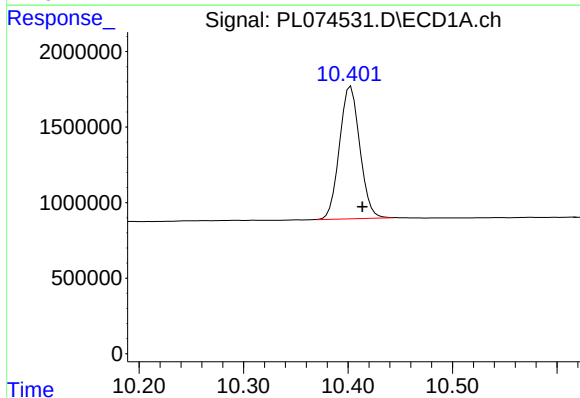
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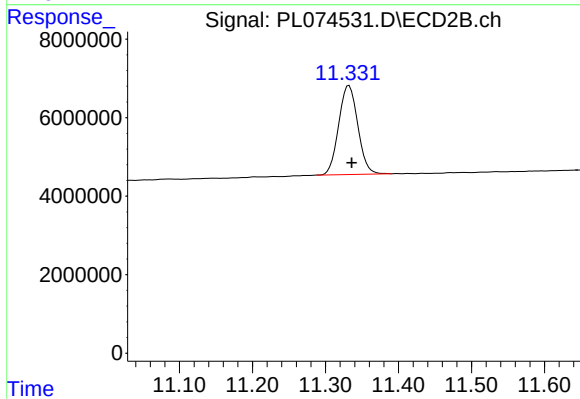
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 4907945
Conc: 2.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.013 min
Response: 11847736
Conc: 22.78 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 41288232
Conc: 23.38 ng/ml