

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052422\
 Data File : PL074973.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2022 09:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/25/2022
 Supervised By : Ankita Jodhani 05/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 02:12:41 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...	5.644	4.648	12275285	31874758	24.176	23.224
28)	SA Decachlor...	11.639	10.395	12173955	29519259	27.260	28.760m
Target Compounds							
2)	A alpha-BHC	6.227	5.350	7597316	18952326	11.105	11.262
3)	MA gamma-BHC...	6.626	5.769	7461868	19581226	11.560	11.850m
6)	B beta-BHC	6.877	6.148	3837215	10355497	12.857	13.043
12)	B 4,4'-DDE	8.658	7.635	113334	301884	0.245m	0.257
14)	MA Endrin	9.061	8.056	26522138	71510432	64.271	67.699
16)	A 4,4'-DDD	9.201	8.219	538043	1371181	1.190	1.392
17)	MA 4,4'-DDT	9.521	8.481	56304368	141.5E6	122.499	141.385
18)	B Endrin al...	9.431	8.554	395735	840270	1.118	1.052m
20)	A Methoxychlor	10.005	9.072	77914252	187.7E6	318.131m	321.145m
21)	B Endrin ke...	10.174	9.300	1400999	2041225	2.732	1.831m#

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

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Acq On : 24 May 2022 09:30
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

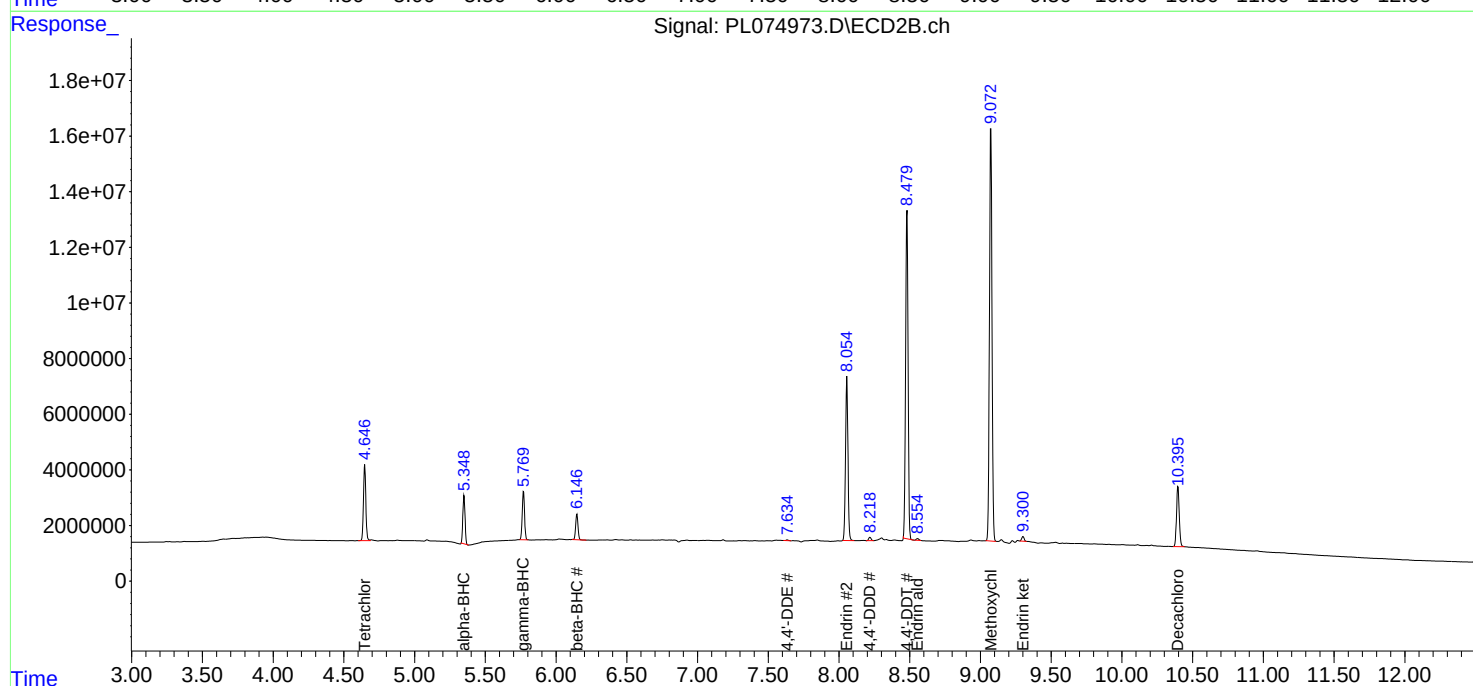
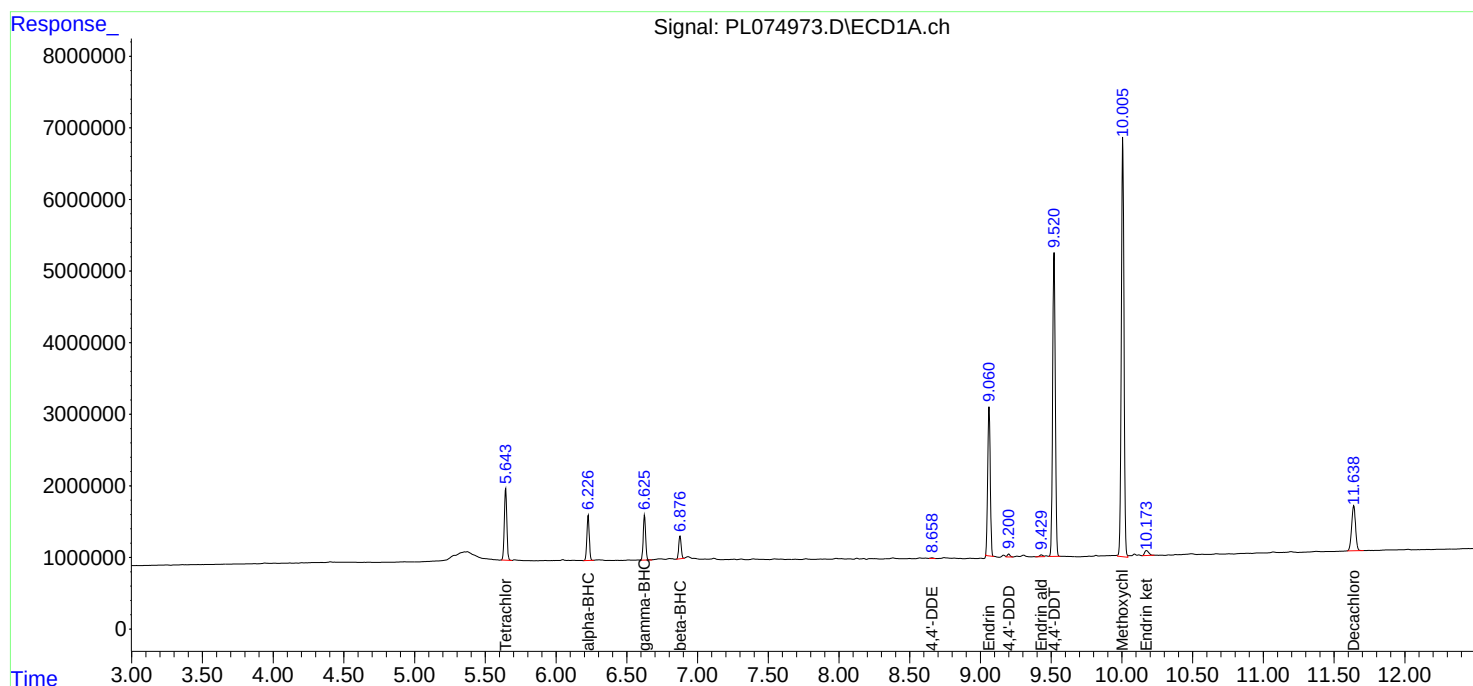
Instrument :
ECD_L
ClientSampleId :
PEM

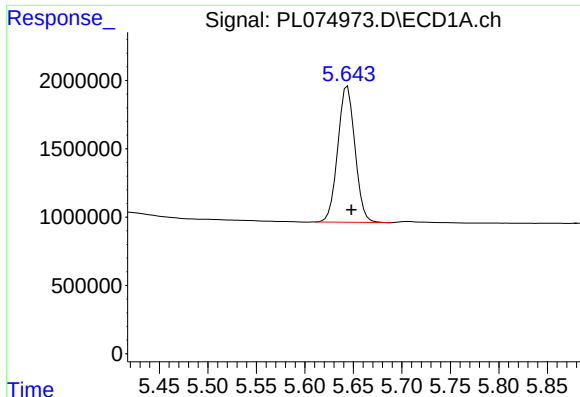
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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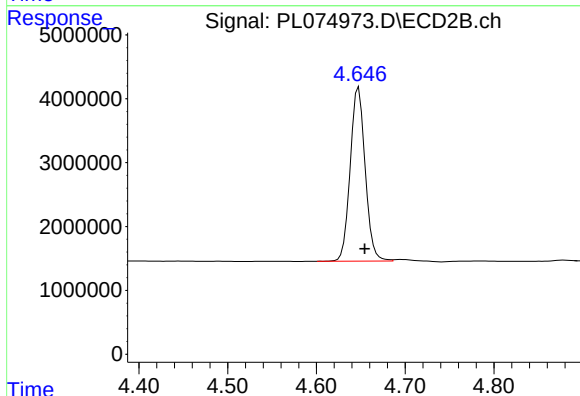
#1 Tetrachloro-m-xylene

R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 12275285
Conc: 24.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

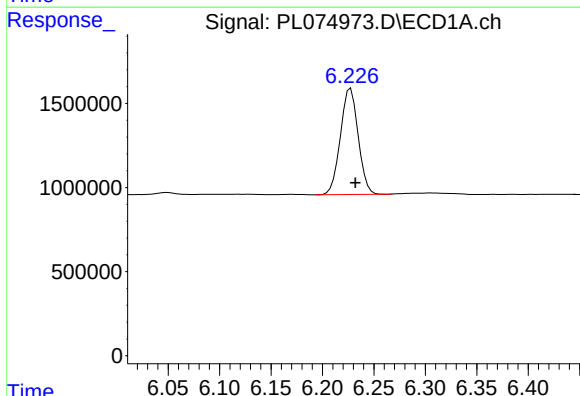
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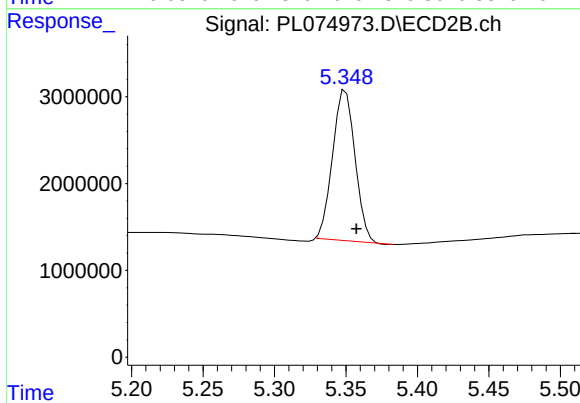
#1 Tetrachloro-m-xylene

R.T.: 4.648 min
Delta R.T.: -0.007 min
Response: 31874758
Conc: 23.22 ng/ml



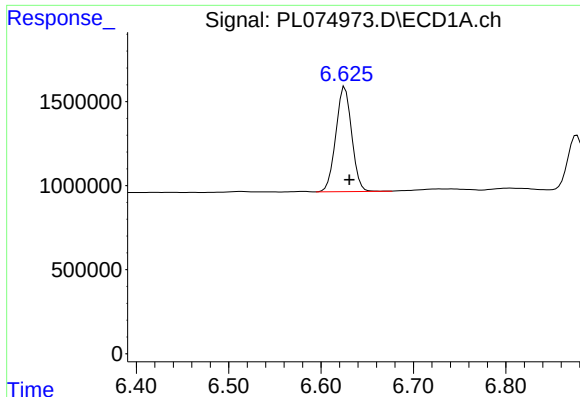
#2 alpha-BHC

R.T.: 6.227 min
Delta R.T.: -0.004 min
Response: 7597316
Conc: 11.10 ng/ml



#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.007 min
Response: 18952326
Conc: 11.26 ng/ml



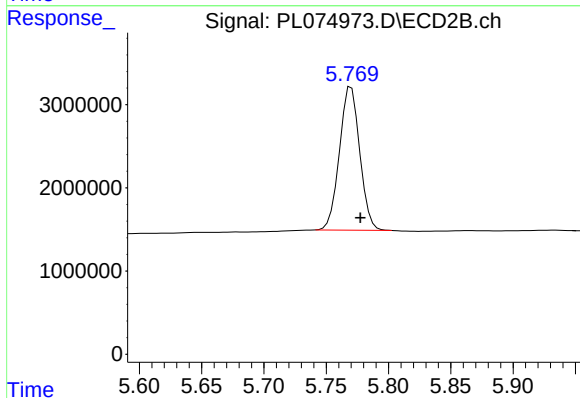
#3 gamma-BHC (Lindane)

R.T.: 6.626 min
Delta R.T.: -0.005 min
Response: 7461868
Conc: 11.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

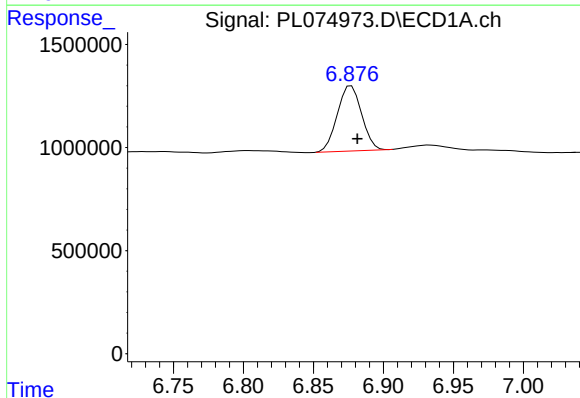
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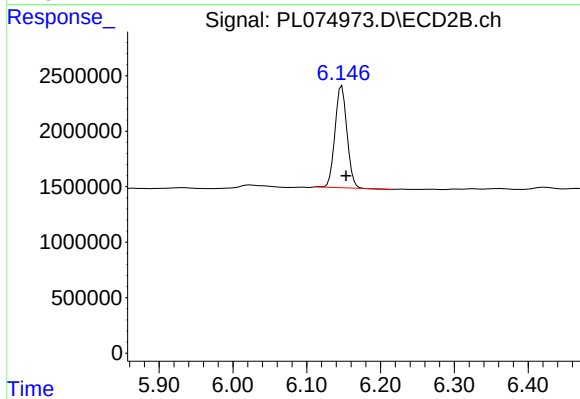
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.009 min
Response: 19581226
Conc: 11.85 ng/ml m



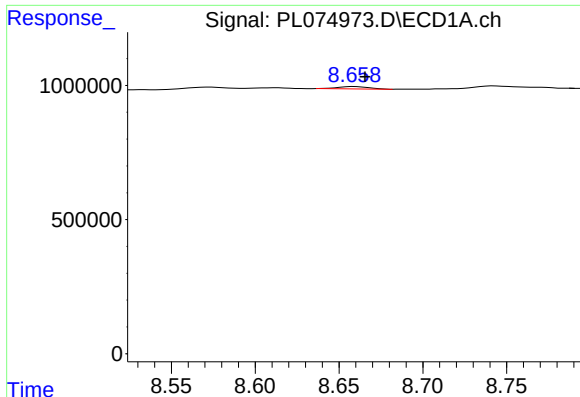
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: -0.005 min
Response: 3837215
Conc: 12.86 ng/ml



#6 beta-BHC

R.T.: 6.148 min
Delta R.T.: -0.006 min
Response: 10355497
Conc: 13.04 ng/ml



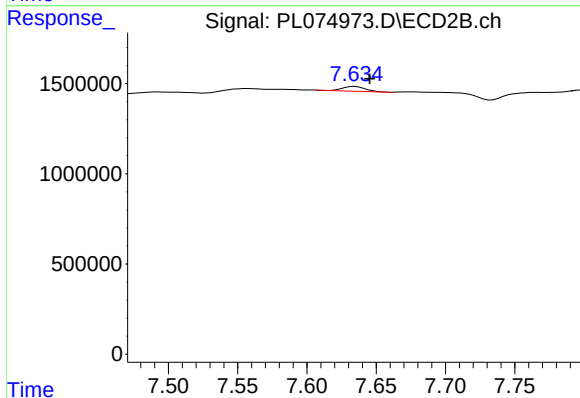
#12 4,4'-DDE

R.T.: 8.658 min
Delta R.T.: -0.008 min
Response: 113334
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

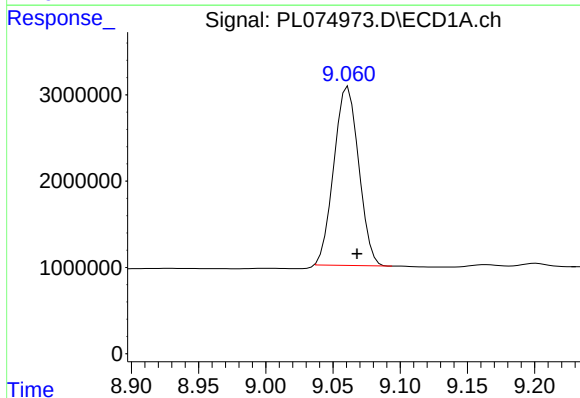
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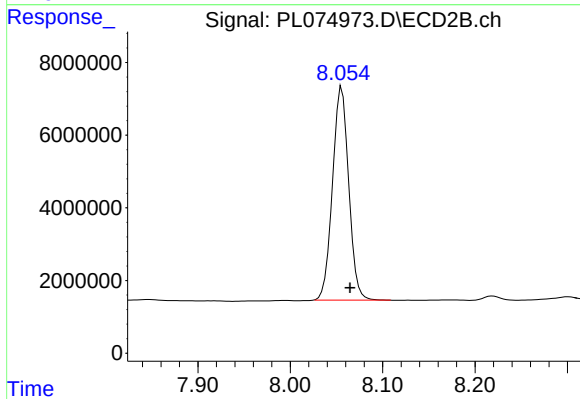
#12 4,4'-DDE

R.T.: 7.635 min
Delta R.T.: -0.011 min
Response: 301884
Conc: 0.26 ng/ml



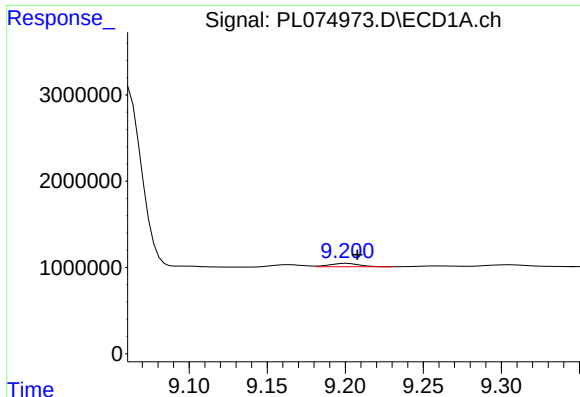
#14 Endrin

R.T.: 9.061 min
Delta R.T.: -0.007 min
Response: 26522138
Conc: 64.27 ng/ml



#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.009 min
Response: 71510432
Conc: 67.70 ng/ml



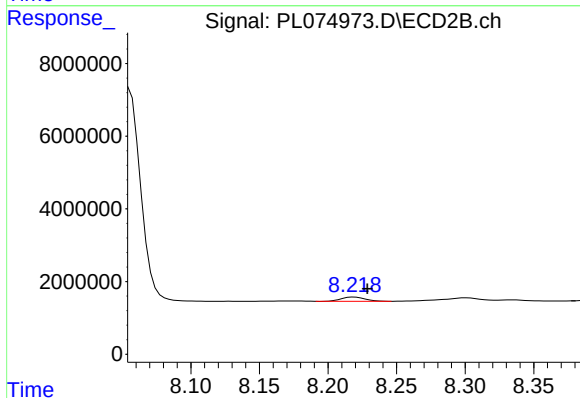
#16 4,4'-DDD

R.T.: 9.201 min
Delta R.T.: -0.007 min
Response: 538043
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

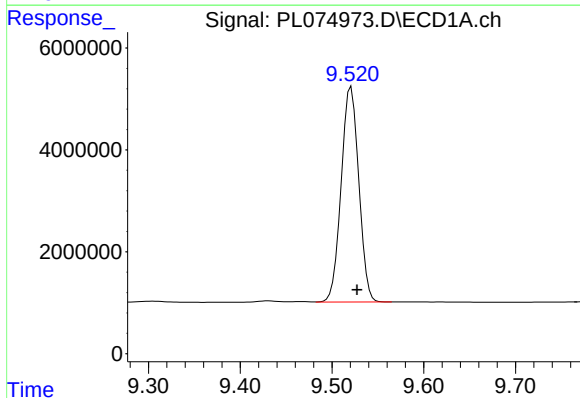
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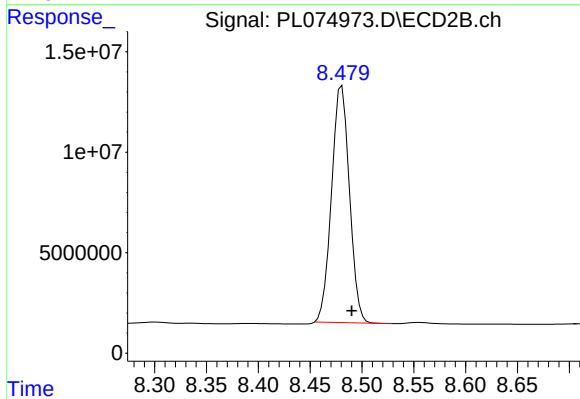
#16 4,4'-DDD

R.T.: 8.219 min
Delta R.T.: -0.010 min
Response: 1371181
Conc: 1.39 ng/ml



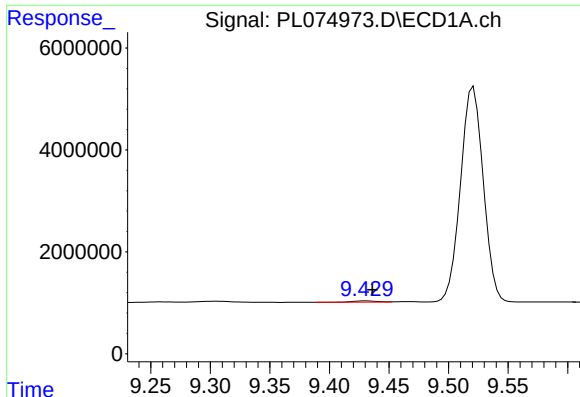
#17 4,4'-DDT

R.T.: 9.521 min
Delta R.T.: -0.007 min
Response: 56304368
Conc: 122.50 ng/ml



#17 4,4'-DDT

R.T.: 8.481 min
Delta R.T.: -0.009 min
Response: 141457401
Conc: 141.38 ng/ml



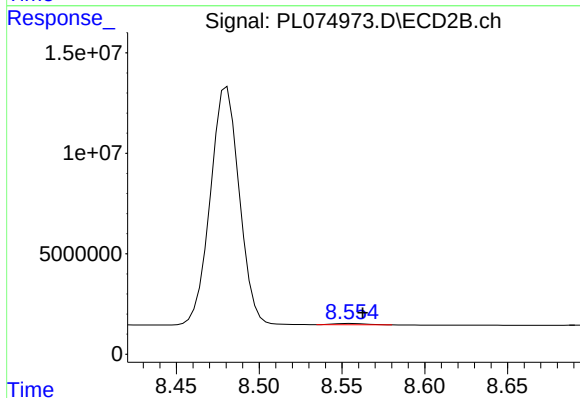
#18 Endrin aldehyde

R.T.: 9.431 min
Delta R.T.: -0.006 min
Response: 395735
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

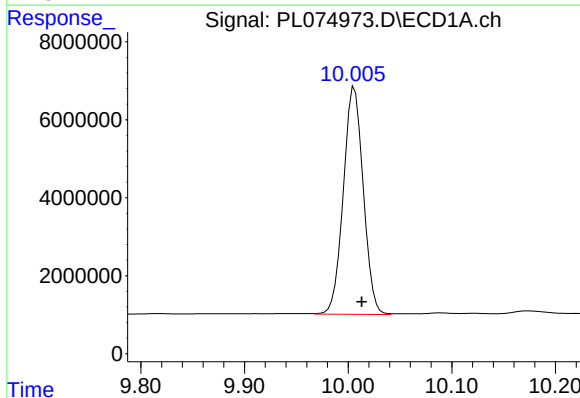
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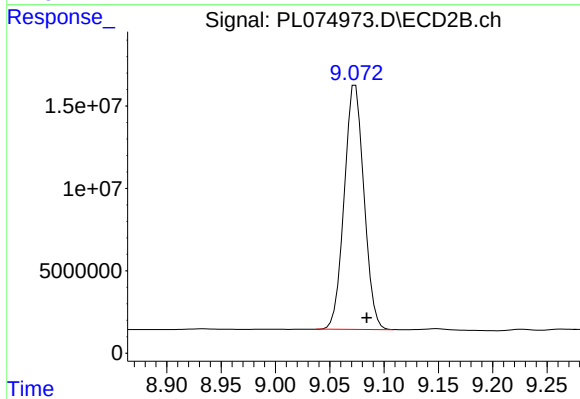
#18 Endrin aldehyde

R.T.: 8.554 min
Delta R.T.: -0.008 min
Response: 840270
Conc: 1.05 ng/ml m



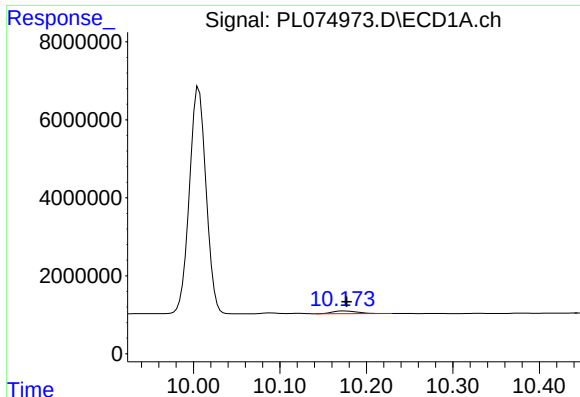
#20 Methoxychlor

R.T.: 10.005 min
Delta R.T.: -0.008 min
Response: 77914252
Conc: 318.13 ng/ml m



#20 Methoxychlor

R.T.: 9.072 min
Delta R.T.: -0.012 min
Response: 187674470
Conc: 321.14 ng/ml m



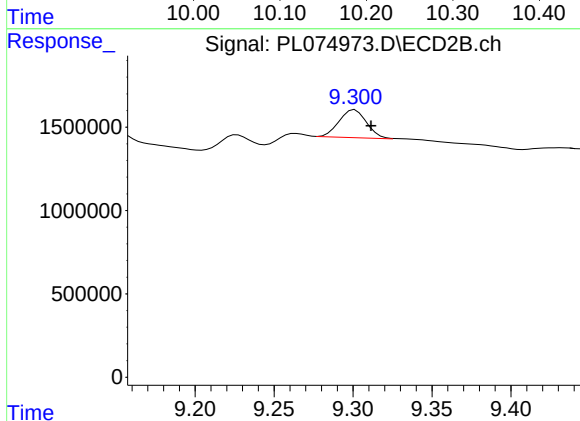
#21 Endrin ketone

R.T.: 10.174 min
Delta R.T.: -0.003 min
Response: 1400999
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

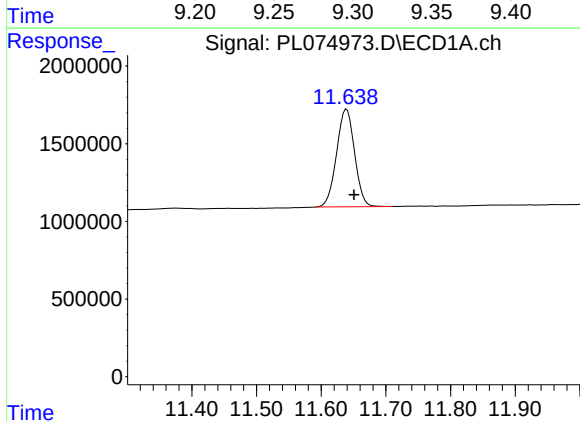
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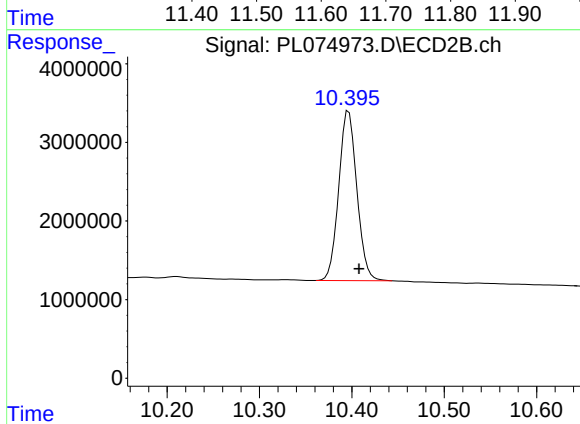
#21 Endrin ketone

R.T.: 9.300 min
Delta R.T.: -0.012 min
Response: 2041225
Conc: 1.83 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.639 min
Delta R.T.: -0.012 min
Response: 12173955
Conc: 27.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.395 min
Delta R.T.: -0.013 min
Response: 29519259
Conc: 28.76 ng/ml m