

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052122\
 Data File : PL074920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2022 22:13
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2022
 Supervised By : Ankita Jodhani 05/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 13:52:56 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	11034193	29742829	21.732	21.670
28)	SA Decachlor...	11.641	10.399	11006178	27584335	24.645	26.874
Target Compounds							
2)	A alpha-BHC	6.230	5.352	6853855	17779675	10.018	10.565
3)	MA gamma-BHC...	6.627	5.772	6751625	18720415	10.460	11.329
6)	B beta-BHC	6.879	6.150	3356764	10380689	11.247	13.074
12)	B 4,4'-DDE	8.662	7.637	74479	317309	0.161m	0.270 #
14)	MA Endrin	9.063	8.058	25369159	67373013	61.477	63.782
16)	A 4,4'-DDD	9.202	8.221	494445	1187640	1.094	1.206
17)	MA 4,4'-DDT	9.521	8.482	51780780	133.2E6	112.657m	133.101
18)	B Endrin al...	9.429	8.559	190554	731400	0.538m	0.916 #
20)	A Methoxychlor	10.007	9.076	70193689	176.5E6	286.607	302.035
21)	B Endrin ke...	10.173	9.303	756242	1475878	1.475	1.324

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

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Acq On : 21 May 2022 22:13
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Sample : PEM
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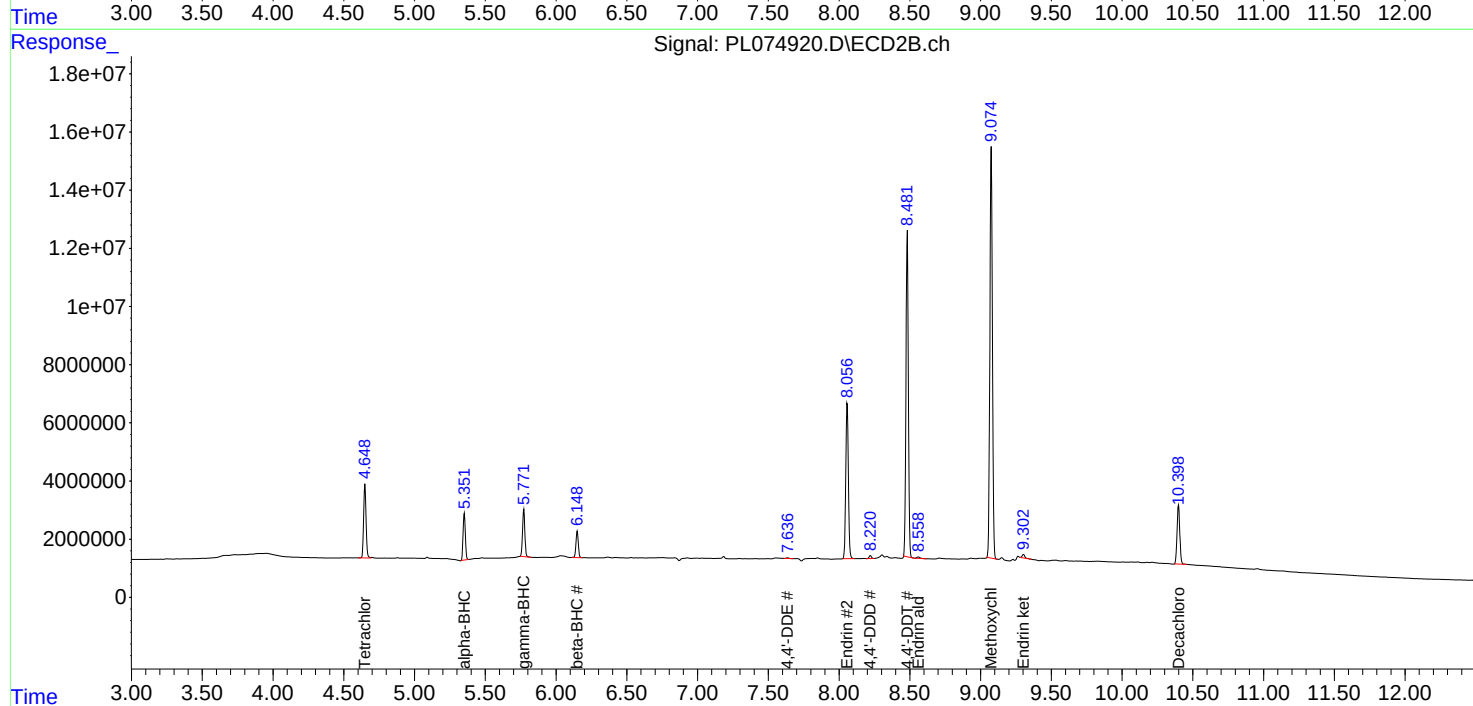
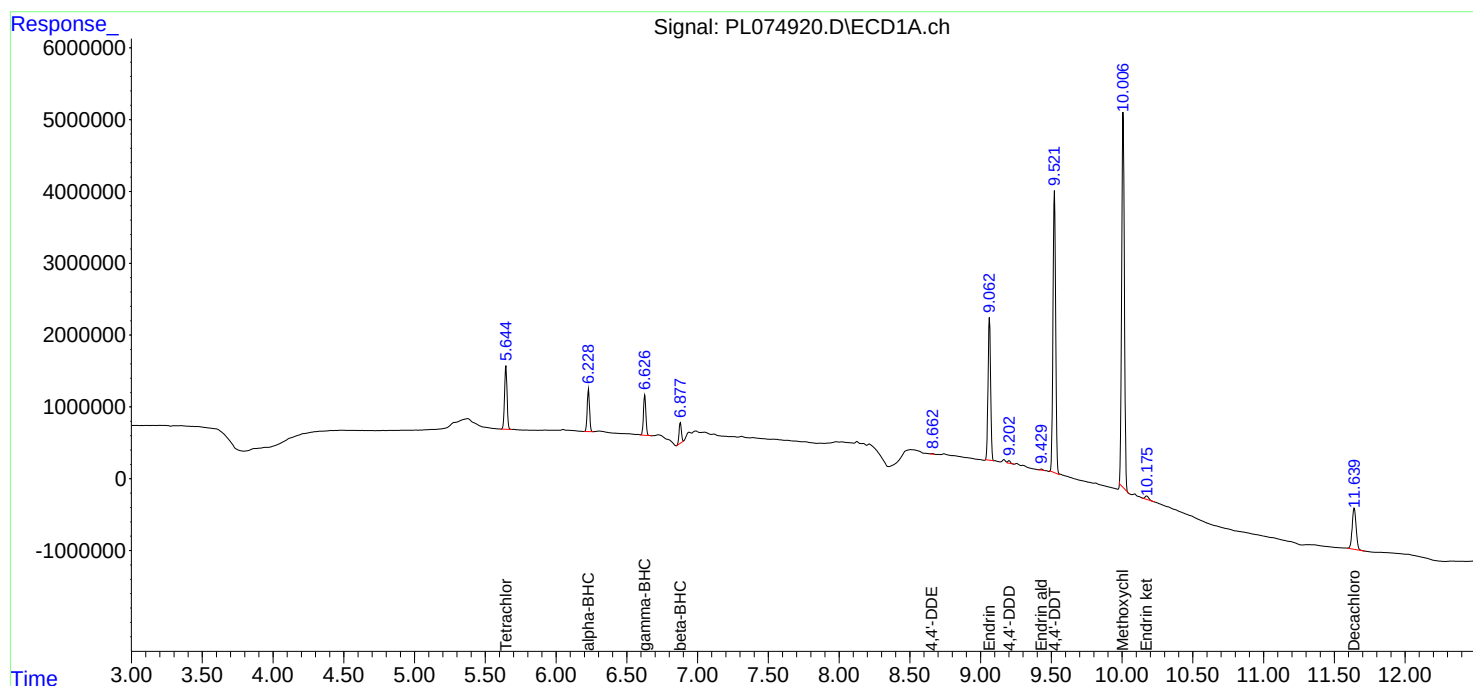
Instrument :
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ClientSampleId :
PEM

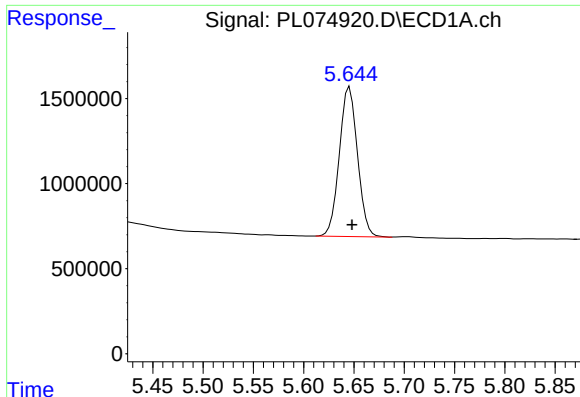
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : GC Extractables
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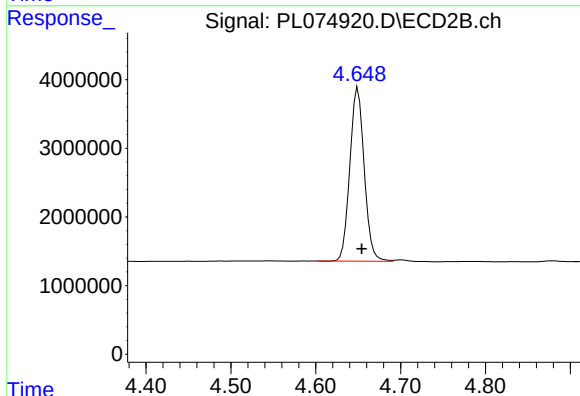
#1 Tetrachloro-m-xylene

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 11034193
Conc: 21.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

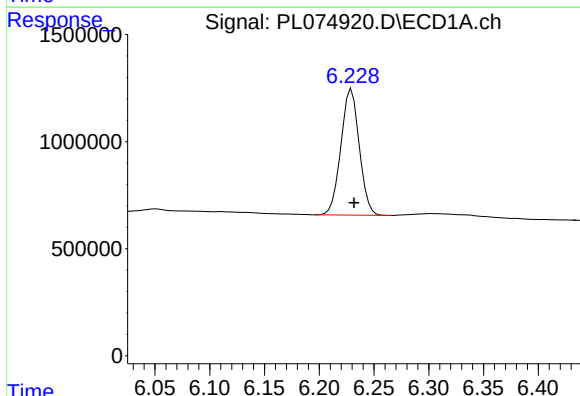
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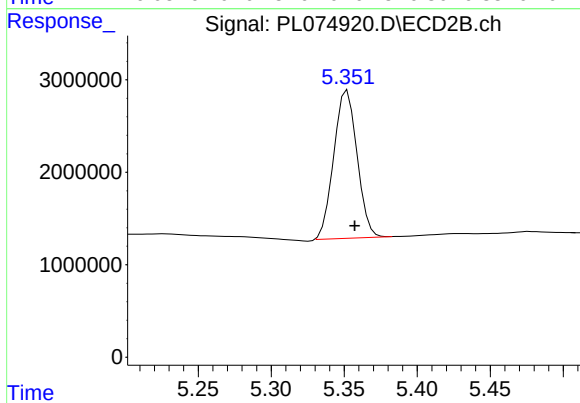
#1 Tetrachloro-m-xylene

R.T.: 4.650 min
Delta R.T.: -0.005 min
Response: 29742829
Conc: 21.67 ng/ml



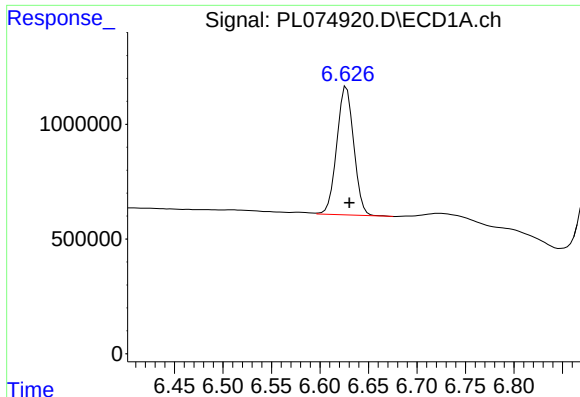
#2 alpha-BHC

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 6853855
Conc: 10.02 ng/ml



#2 alpha-BHC

R.T.: 5.352 min
Delta R.T.: -0.005 min
Response: 17779675
Conc: 10.56 ng/ml



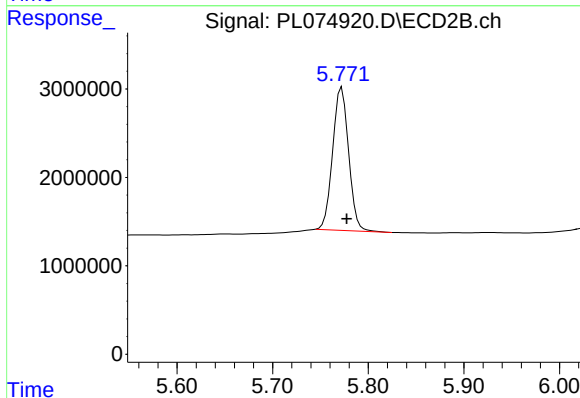
#3 gamma-BHC (Lindane)

R.T.: 6.627 min
Delta R.T.: -0.003 min
Response: 6751625
Conc: 10.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

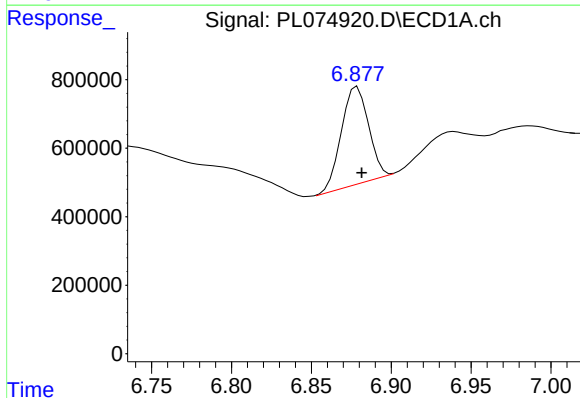
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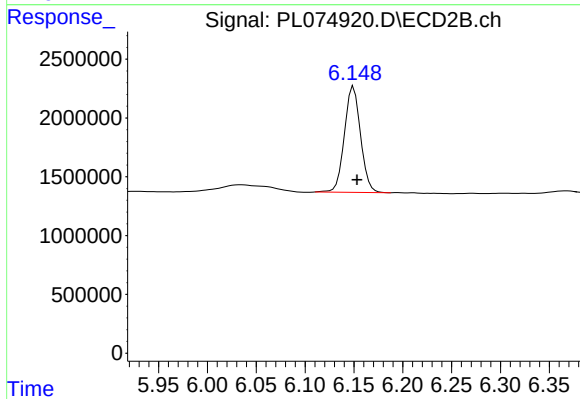
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.005 min
Response: 18720415
Conc: 11.33 ng/ml



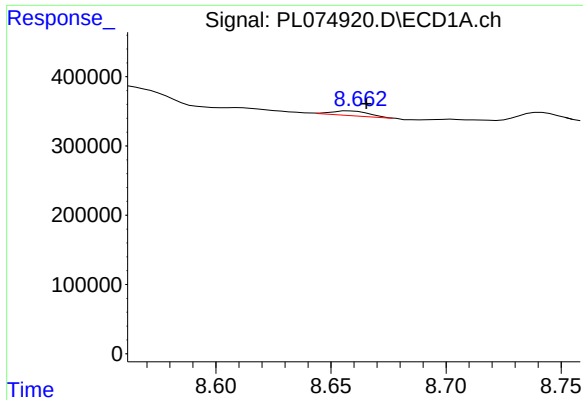
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 3356764
Conc: 11.25 ng/ml



#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.004 min
Response: 10380689
Conc: 13.07 ng/ml



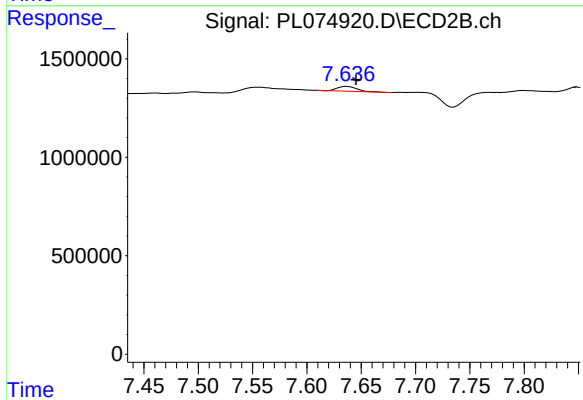
#12 4,4'-DDE

R.T.: 8.662 min
Delta R.T.: -0.004 min
Response: 74479
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

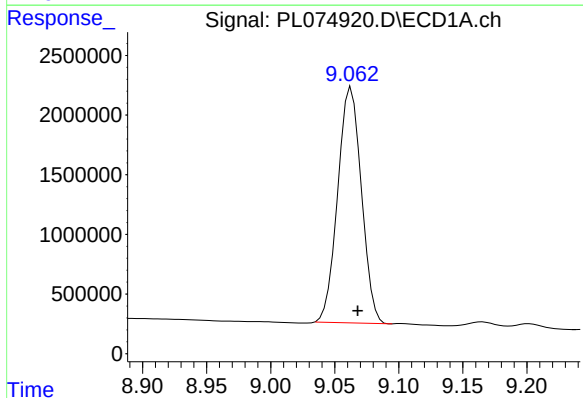
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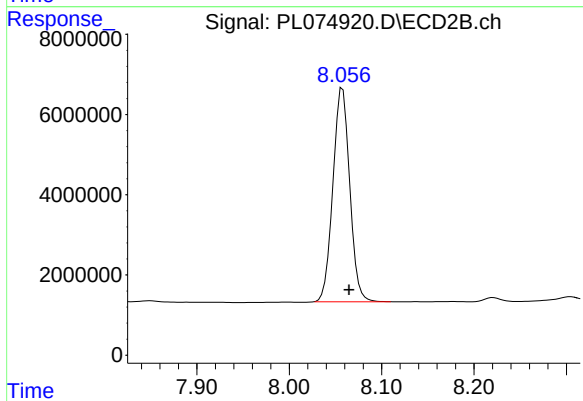
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 317309
Conc: 0.27 ng/ml



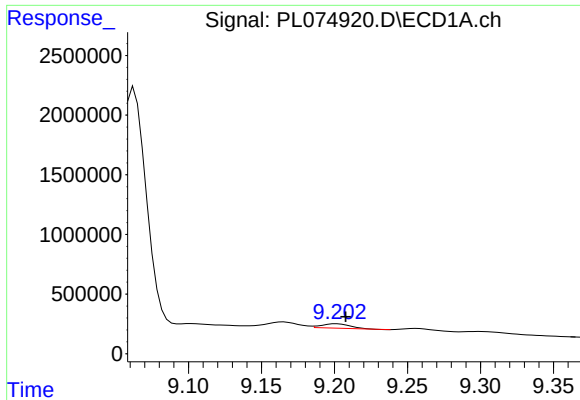
#14 Endrin

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 25369159
Conc: 61.48 ng/ml



#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 67373013
Conc: 63.78 ng/ml



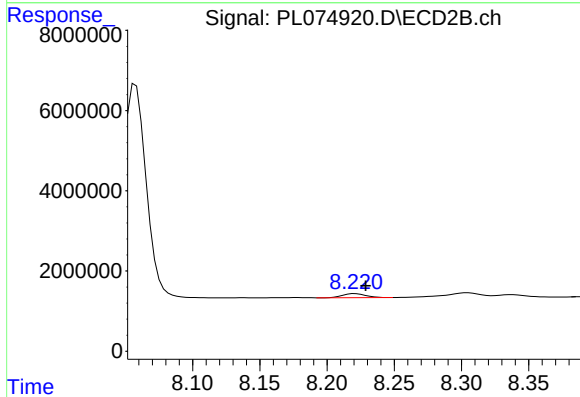
#16 4,4'-DDD

R.T.: 9.202 min
Delta R.T.: -0.006 min
Response: 494445
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

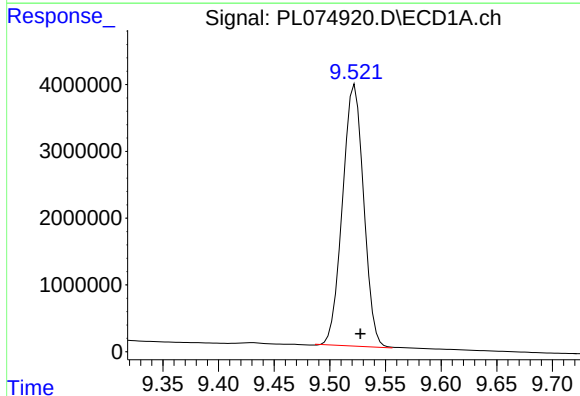
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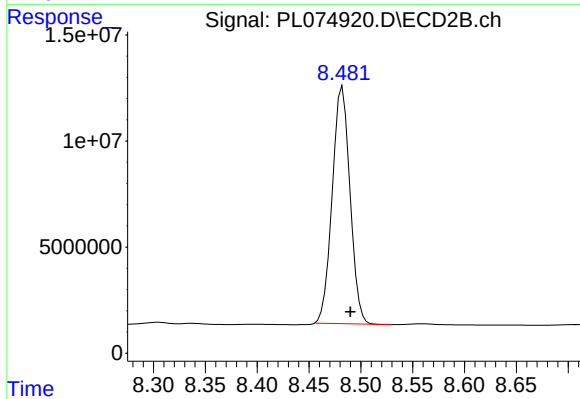
#16 4,4'-DDD

R.T.: 8.221 min
Delta R.T.: -0.008 min
Response: 1187640
Conc: 1.21 ng/ml



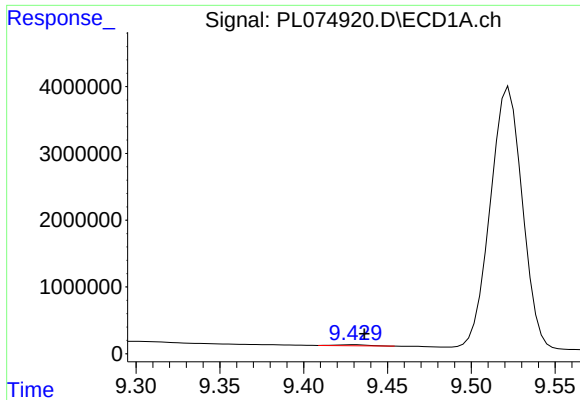
#17 4,4'-DDT

R.T.: 9.521 min
Delta R.T.: -0.006 min
Response: 51780780
Conc: 112.66 ng/ml m



#17 4,4'-DDT

R.T.: 8.482 min
Delta R.T.: -0.008 min
Response: 133169876
Conc: 133.10 ng/ml



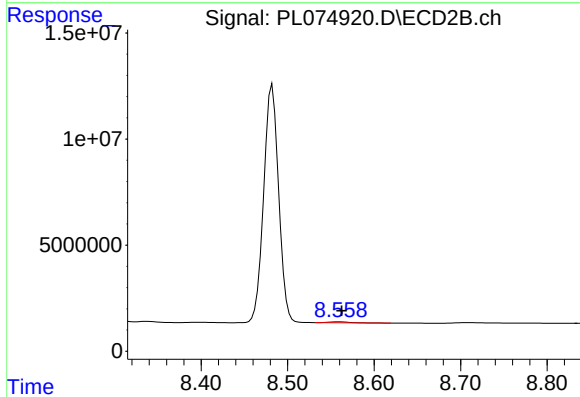
#18 Endrin aldehyde

R.T.: 9.429 min
Delta R.T.: -0.007 min
Response: 190554
Conc: 0.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

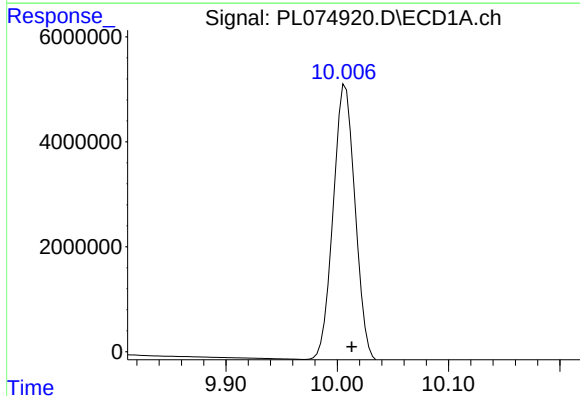
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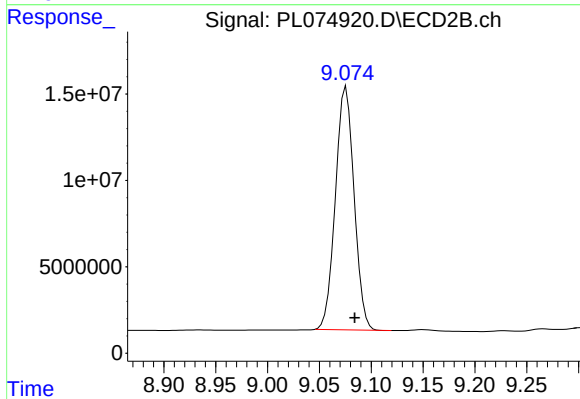
#18 Endrin aldehyde

R.T.: 8.559 min
Delta R.T.: -0.003 min
Response: 731400
Conc: 0.92 ng/ml



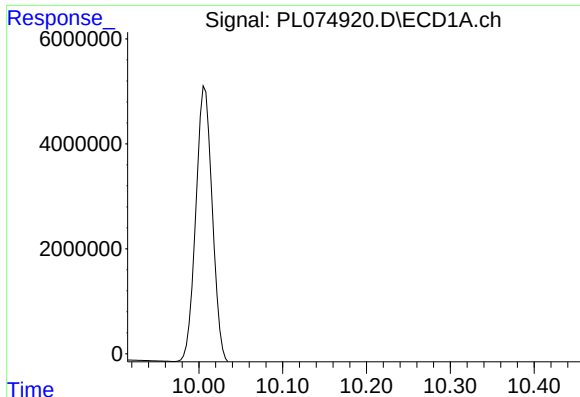
#20 Methoxychlor

R.T.: 10.007 min
Delta R.T.: -0.006 min
Response: 70193689
Conc: 286.61 ng/ml



#20 Methoxychlor

R.T.: 9.076 min
Delta R.T.: -0.008 min
Response: 176507138
Conc: 302.04 ng/ml



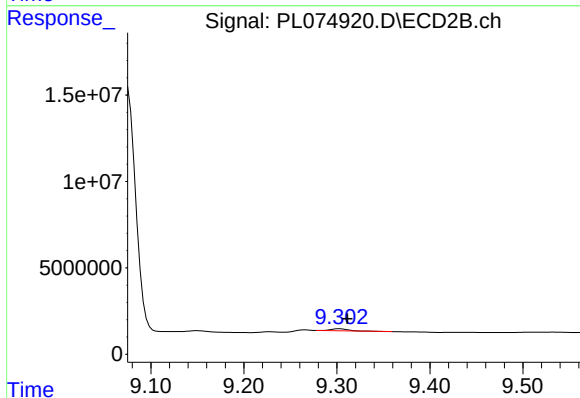
#21 Endrin ketone

R.T.: 10.173 min
Delta R.T.: -0.004 min
Response: 756242
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

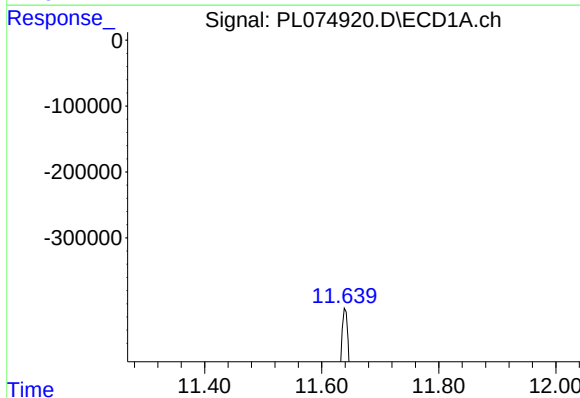
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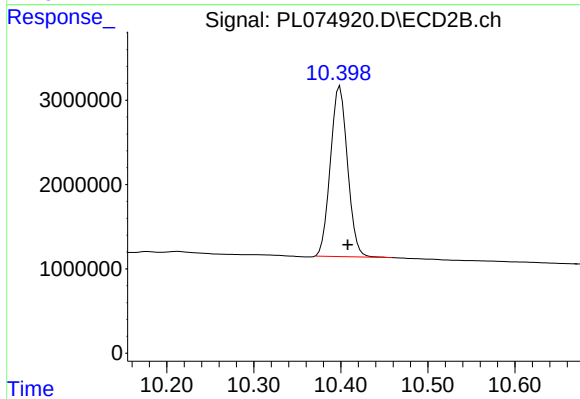
#21 Endrin ketone

R.T.: 9.303 min
Delta R.T.: -0.008 min
Response: 1475878
Conc: 1.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.641 min
Delta R.T.: -0.010 min
Response: 11006178
Conc: 24.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.399 min
Delta R.T.: -0.009 min
Response: 27584335
Conc: 26.87 ng/ml