

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051322\
 Data File : PL074707.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2022 19:09
 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 15 22:32:41 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...	5.647	4.653	12768813	32566301	25.148	23.727
28)	SA Decachlor...	11.645	10.403	12400507	28184984	27.767	27.460
Target Compounds							
2)	A alpha-BHC	6.230	5.355	7947509	19367990	11.617	11.509
3)	MA gamma-BHC...	6.629	5.774	7641196	19540321	11.838	11.825
6)	B beta-BHC	6.880	6.151	3826992	11192135	12.823	14.096
12)	B 4,4'-DDE	8.660	7.638	115565	385510	0.250m	0.328m#
14)	MA Endrin	9.065	8.061	28227204	69137631	68.403	65.452
16)	A 4,4'-DDD	9.203	8.224	1531533	2486715	3.387	2.524 #
17)	MA 4,4'-DDT	9.524	8.485	55898897	129.0E6	121.617	128.956
18)	B Endrin al...	9.433	8.560	341591	1339886	0.965m	1.678 #
20)	A Methoxychlor	10.010	9.079	74842825	166.8E6	305.590	285.479
21)	B Endrin ke...	10.174	9.304	1322266	2494238	2.578	2.237m

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

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Acq On : 13 May 2022 19:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

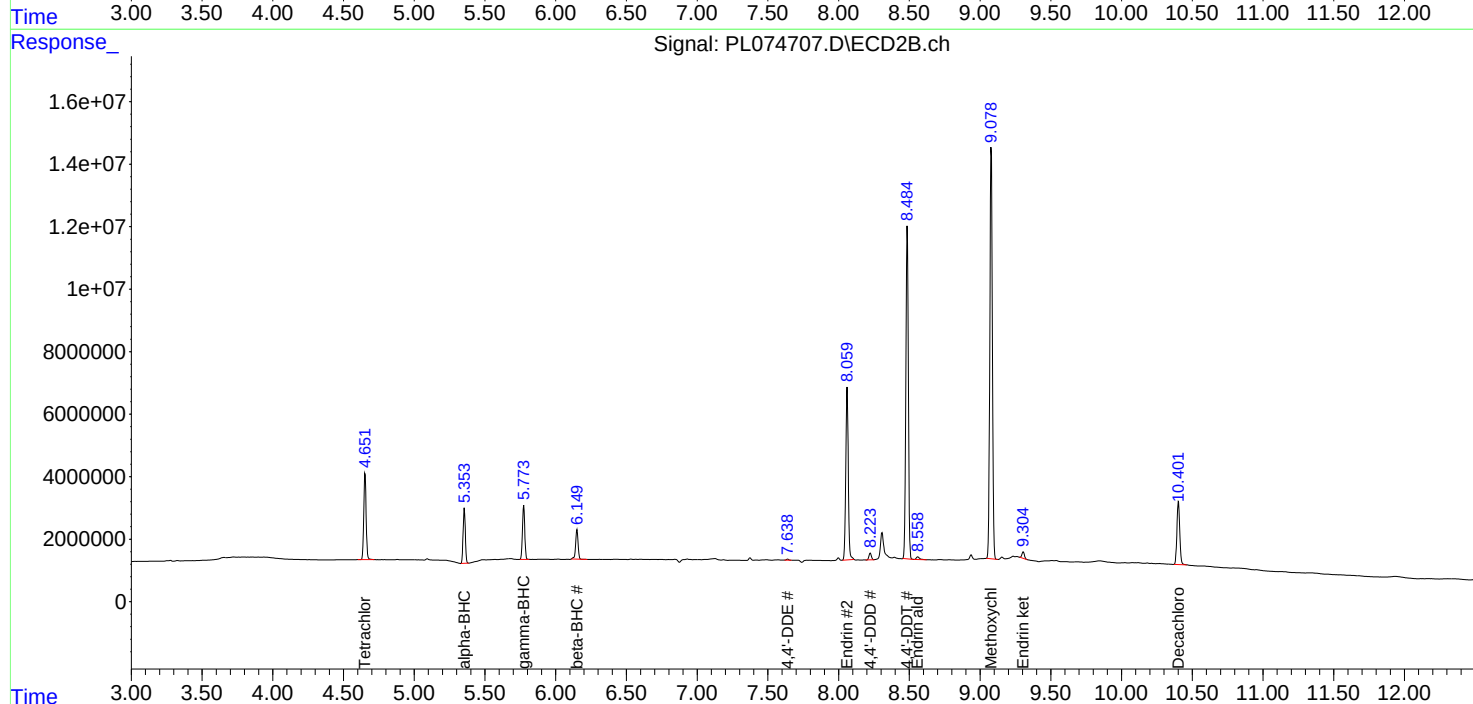
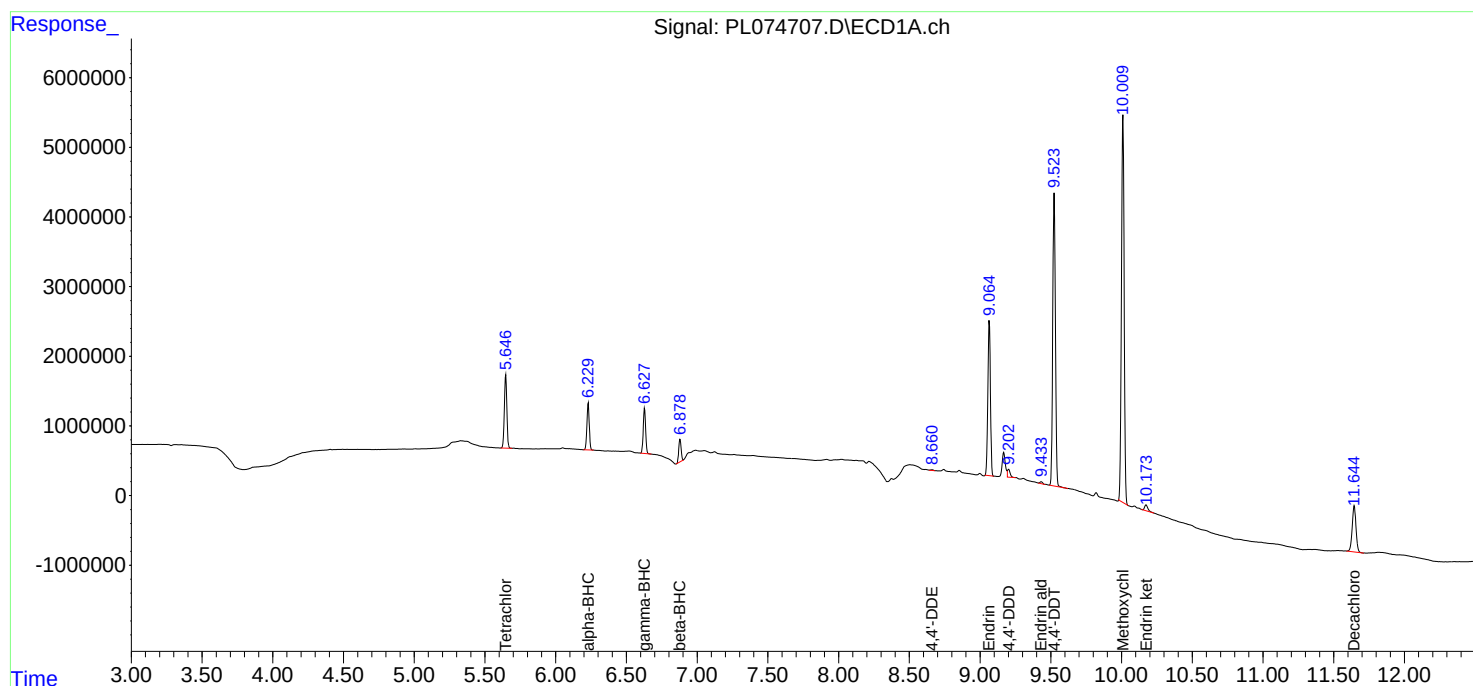
Instrument :
ECD_L
ClientSampleId :
PEM

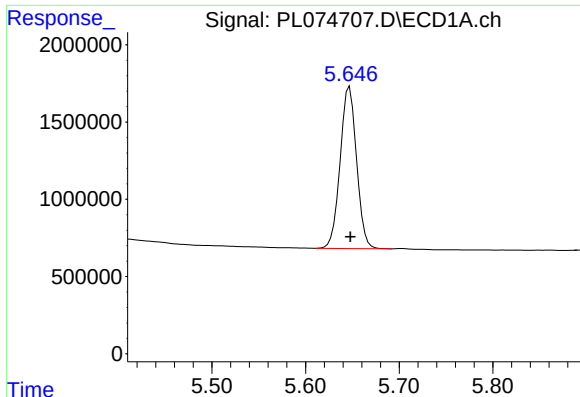
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Integration File signal 1: autoint1.e
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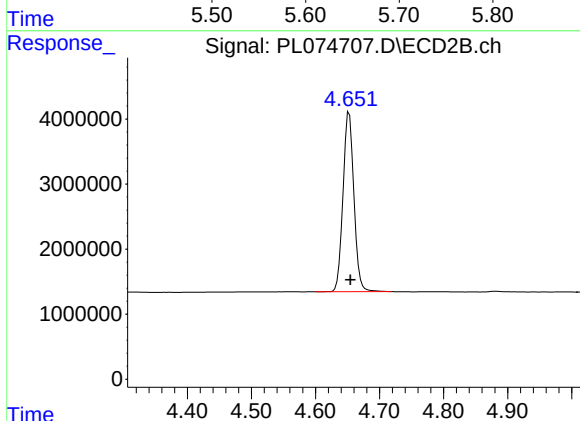
#1 Tetrachloro-m-xylene

R.T.: 5.647 min
Delta R.T.: -0.001 min
Response: 12768813
Conc: 25.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

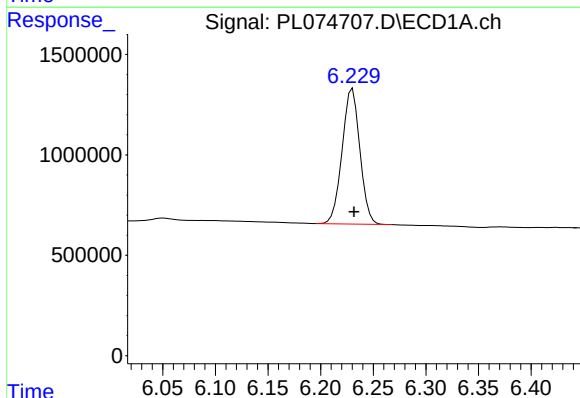
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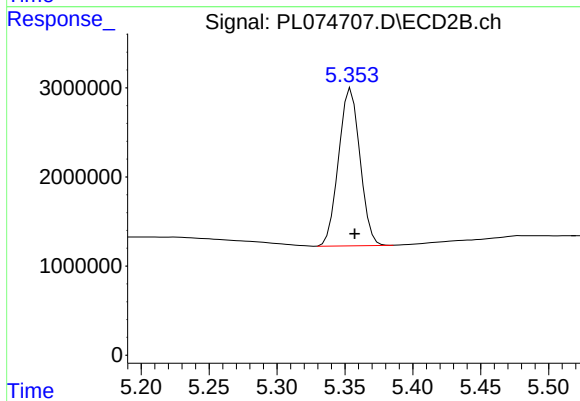
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: -0.002 min
Response: 32566301
Conc: 23.73 ng/ml



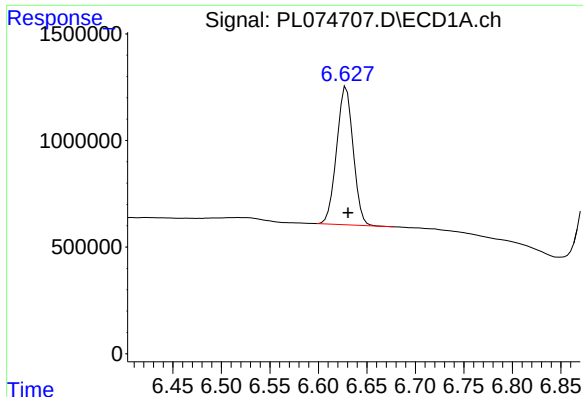
#2 alpha-BHC

R.T.: 6.230 min
Delta R.T.: -0.001 min
Response: 7947509
Conc: 11.62 ng/ml



#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 19367990
Conc: 11.51 ng/ml



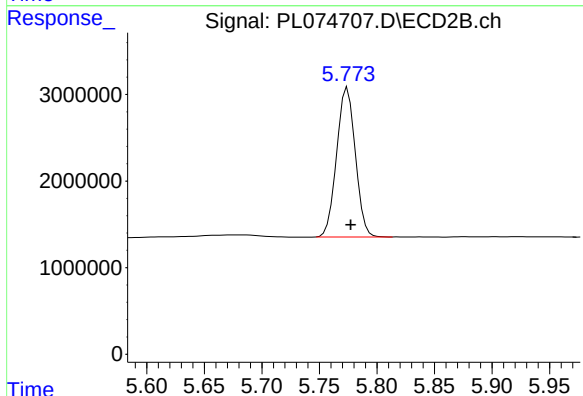
#3 gamma-BHC (Lindane)

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 7641196
Conc: 11.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

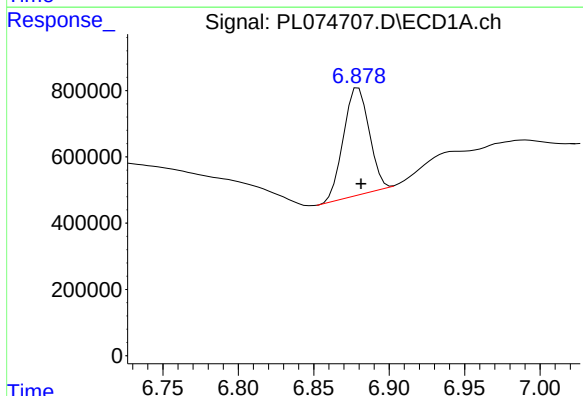
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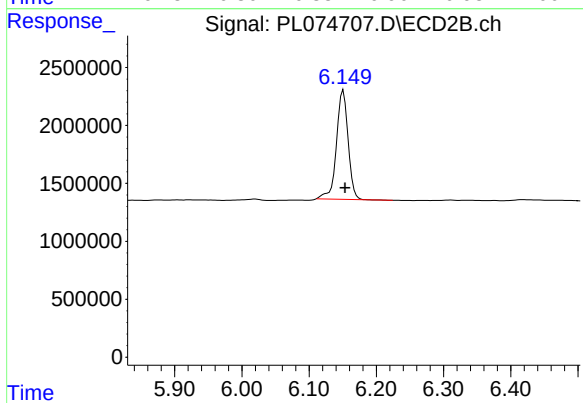
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 19540321
Conc: 11.83 ng/ml



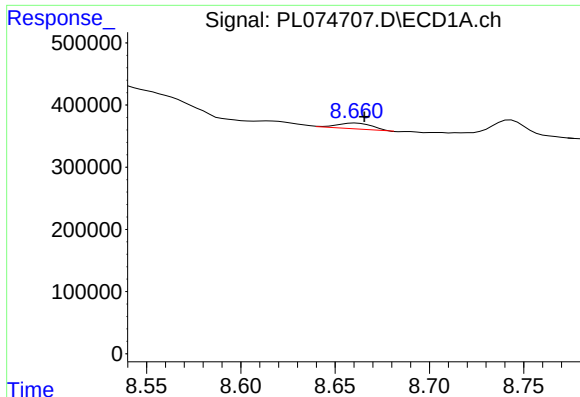
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 3826992
Conc: 12.82 ng/ml



#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.003 min
Response: 11192135
Conc: 14.10 ng/ml



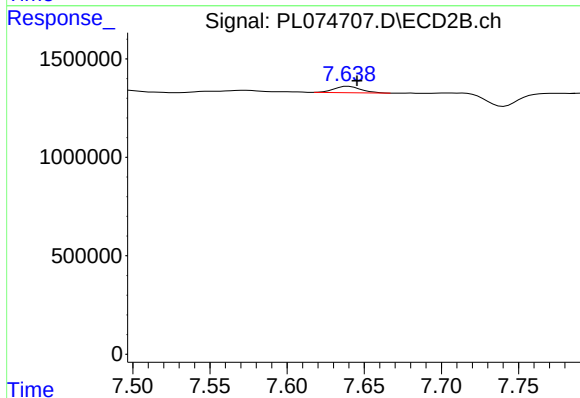
#12 4,4'-DDE

R.T.: 8.660 min
Delta R.T.: -0.006 min
Response: 115565
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

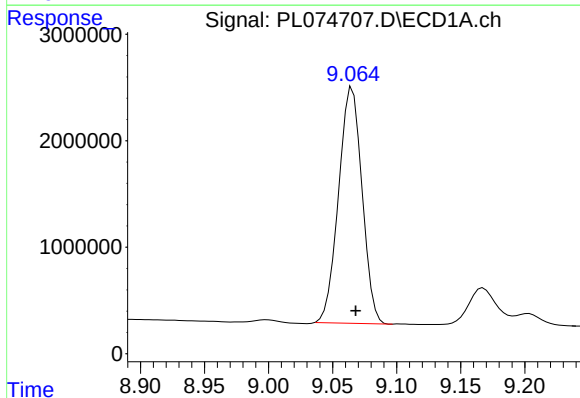
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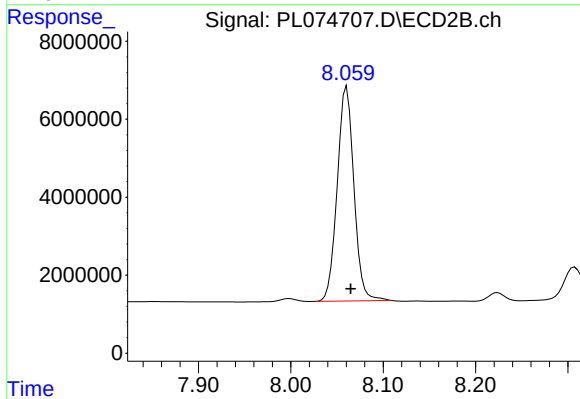
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 385510
Conc: 0.33 ng/ml m



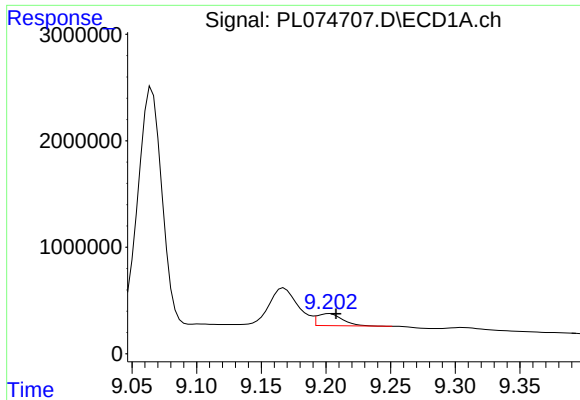
#14 Endrin

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 28227204
Conc: 68.40 ng/ml



#14 Endrin

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 69137631
Conc: 65.45 ng/ml



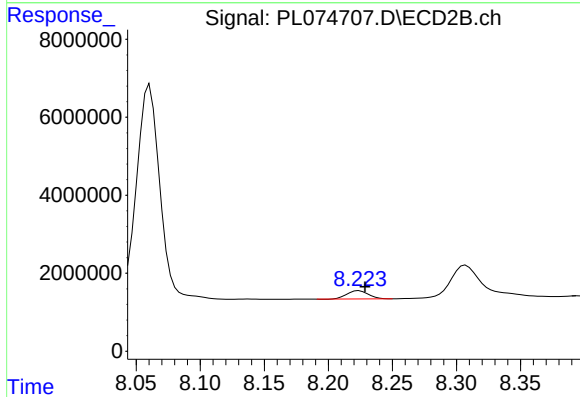
#16 4,4'-DDD

R.T.: 9.203 min
Delta R.T.: -0.005 min
Response: 1531533
Conc: 3.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

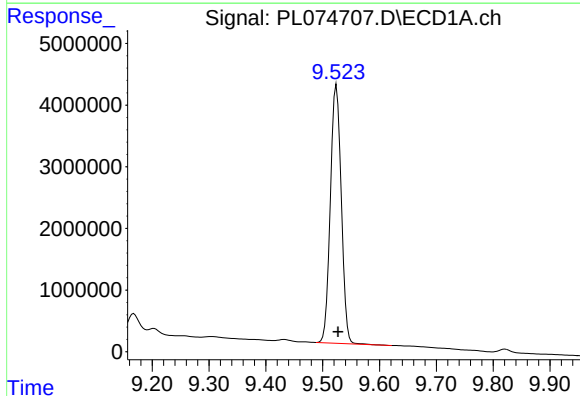
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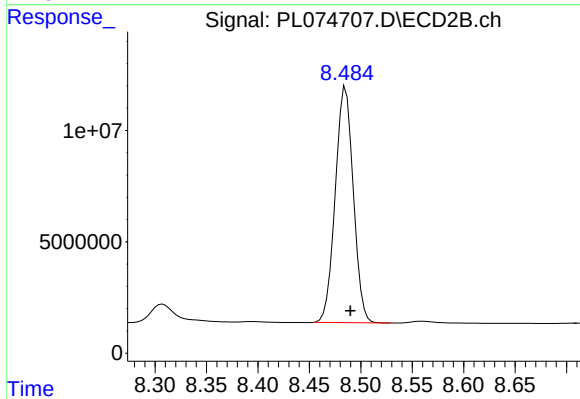
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 2486715
Conc: 2.52 ng/ml



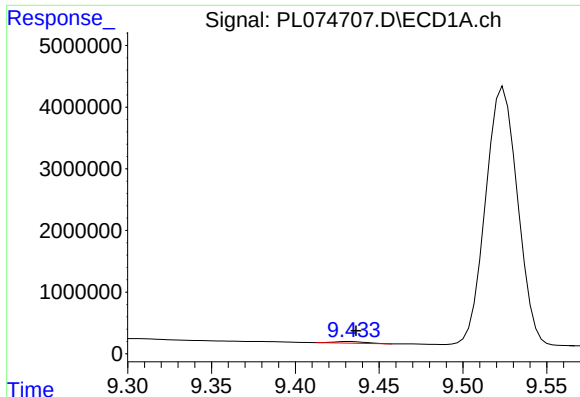
#17 4,4'-DDT

R.T.: 9.524 min
Delta R.T.: -0.003 min
Response: 55898897
Conc: 121.62 ng/ml



#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.005 min
Response: 129022587
Conc: 128.96 ng/ml



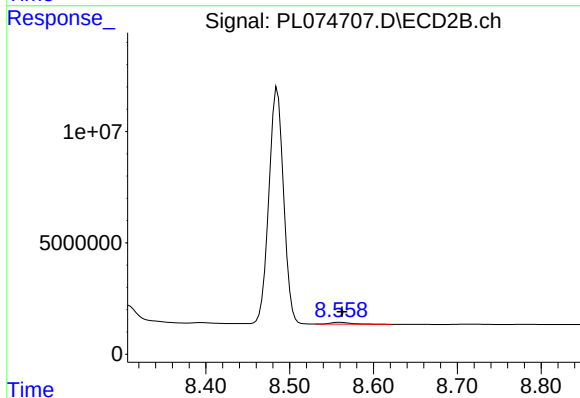
#18 Endrin aldehyde

R.T.: 9.433 min
Delta R.T.: -0.003 min
Response: 341591
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

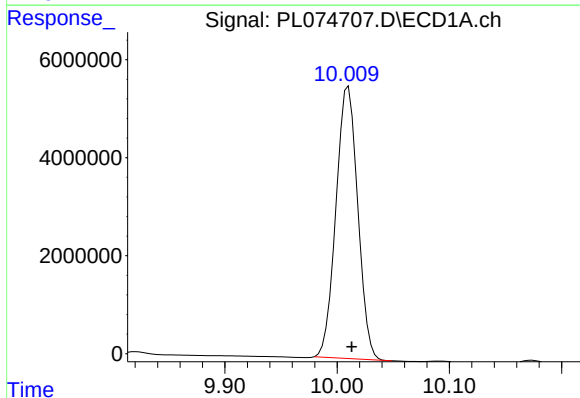
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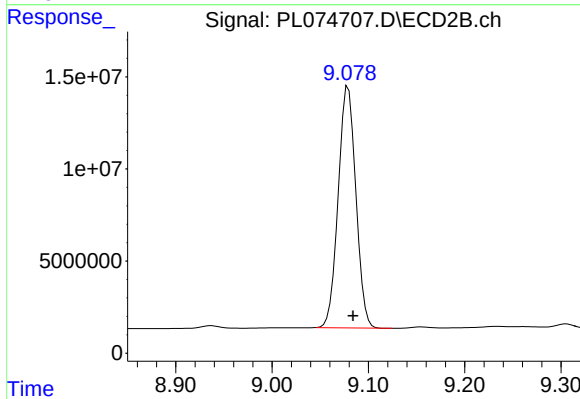
#18 Endrin aldehyde

R.T.: 8.560 min
Delta R.T.: -0.003 min
Response: 1339886
Conc: 1.68 ng/ml



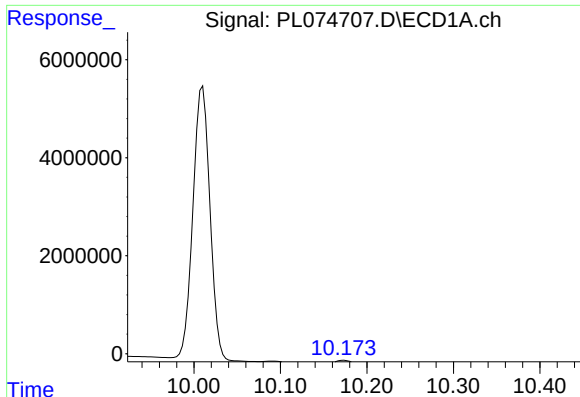
#20 Methoxychlor

R.T.: 10.010 min
Delta R.T.: -0.003 min
Response: 74842825
Conc: 305.59 ng/ml



#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.005 min
Response: 166831859
Conc: 285.48 ng/ml



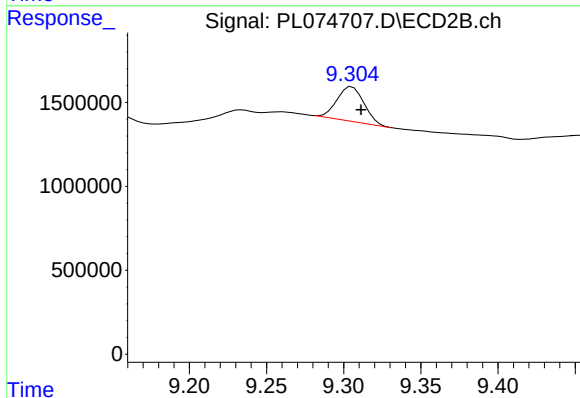
#21 Endrin ketone

R.T.: 10.174 min
Delta R.T.: -0.004 min
Response: 1322266
Conc: 2.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

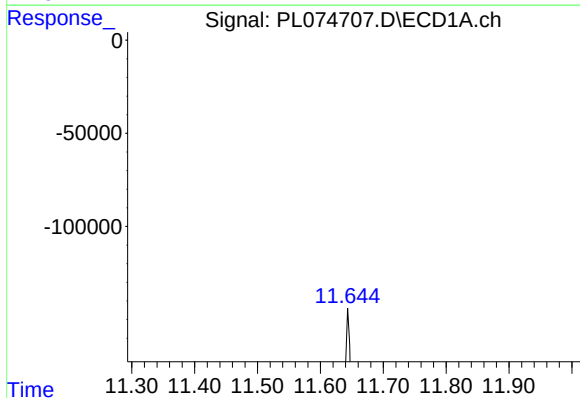
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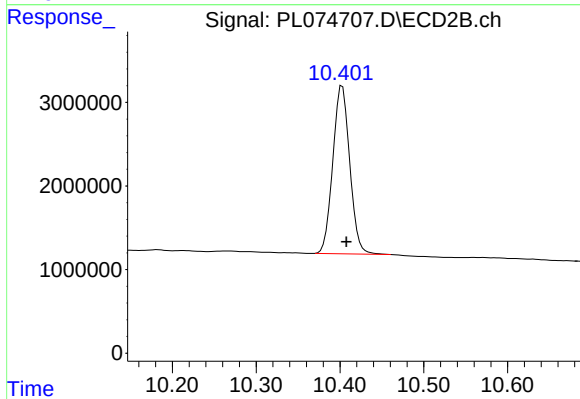
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.007 min
Response: 2494238
Conc: 2.24 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.645 min
Delta R.T.: -0.006 min
Response: 12400507
Conc: 27.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 28184984
Conc: 27.46 ng/ml