

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041322\
 Data File : PL074001.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2022 09:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/18/2022
 Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 00:36:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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...	4.638	5.490	6697633	36197913	20.729	20.302
28)	SA Decachlor...	10.411	11.332	9880761	31918332	19.000	18.071
Target Compounds							
2)	A alpha-BHC	5.346	6.052	3960155	22359444	9.437	8.880
3)	MA gamma-BHC...	5.770	6.442	4040459	21663533	9.634	9.152
6)	B beta-BHC	6.150	6.678	2374871	11889256	11.623	10.549
12)	B 4,4'-DDE	7.644	8.460	124029	448335	0.340	0.225m#
14)	MA Endrin	8.063	8.844	18030982	71621868	44.386	42.288
16)	A 4,4'-DDD	8.229	8.988	2173027	9745670	6.729	6.334
17)	MA 4,4'-DDT	8.491	9.306	30865927	131.1E6	83.503	73.973
18)	B Endrin al...	8.564	9.201	442613	1133978	1.368	0.878 #
20)	A Methoxychlor	9.086	9.785	46768121	168.3E6	188.377	175.004m
21)	B Endrin ke...	9.312	9.928	1786743	4855872	3.657	2.805

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

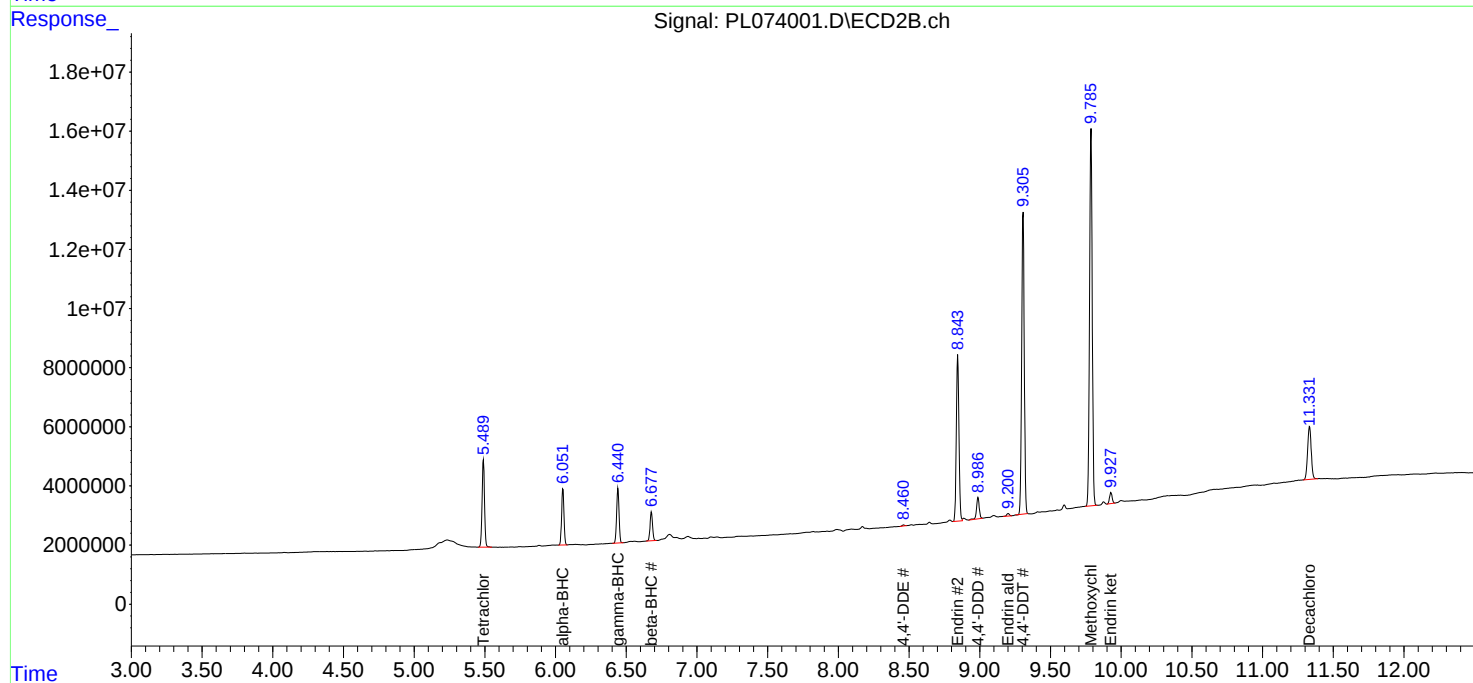
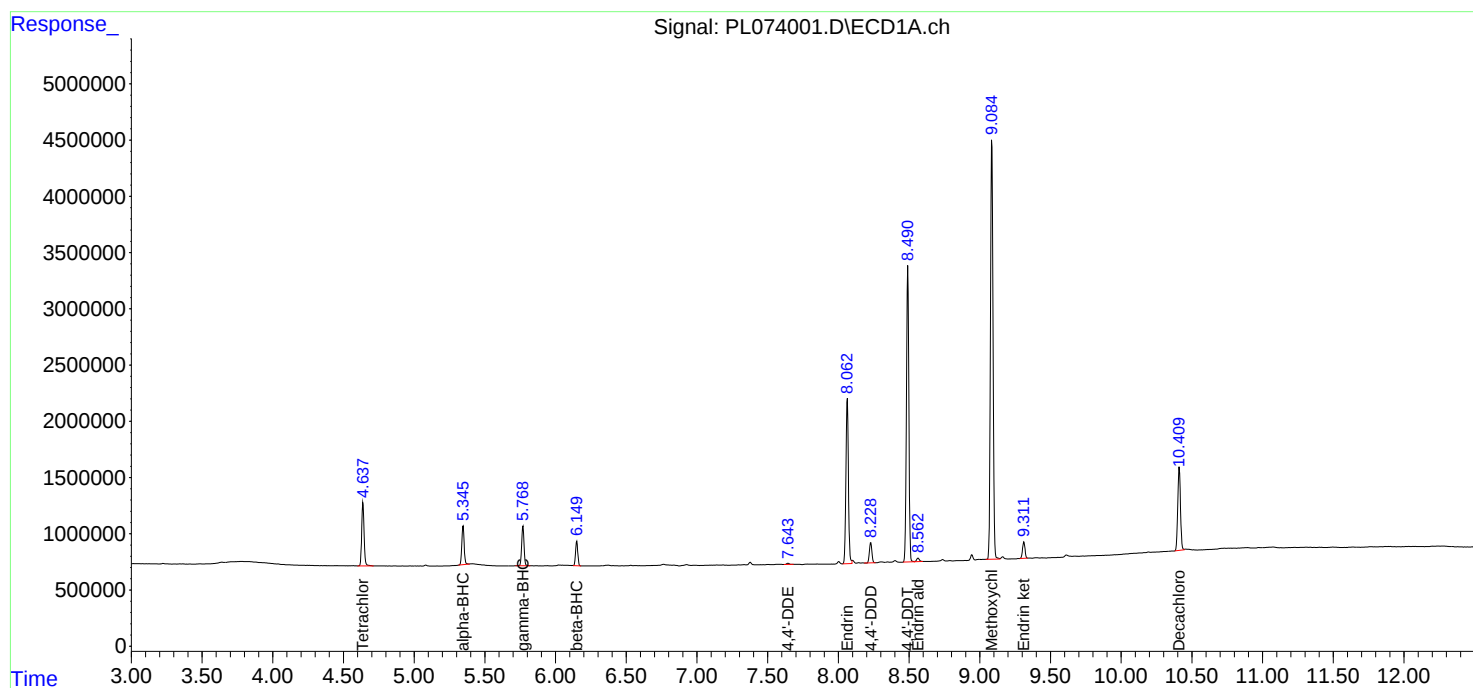
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ECD_L
ClientSampleId :
PEM

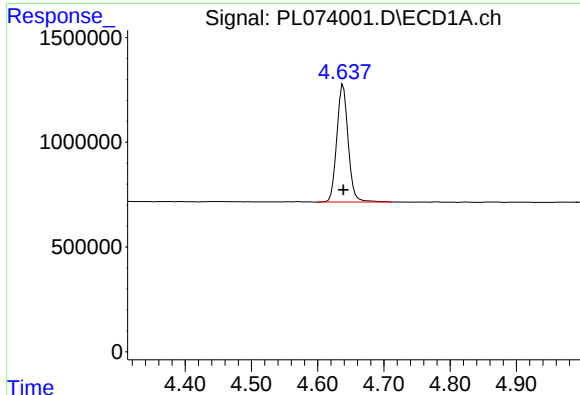
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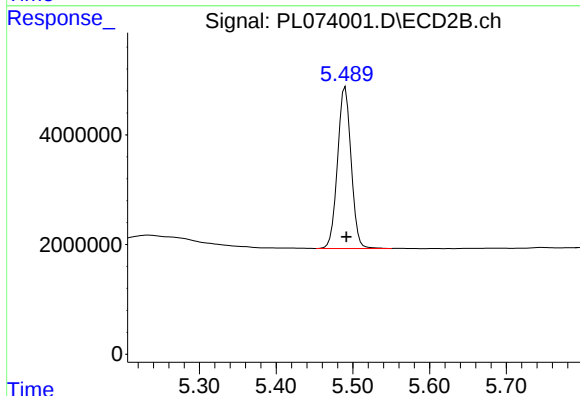
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 6697633
Conc: 20.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

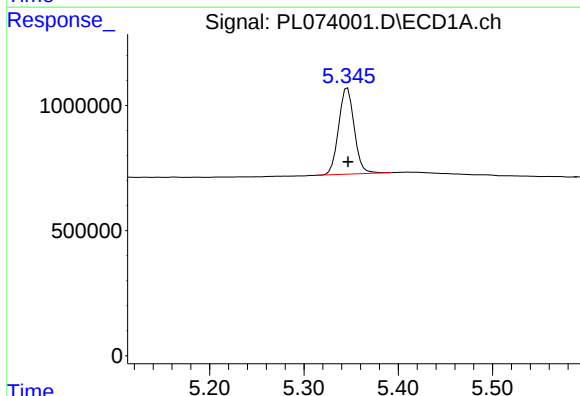
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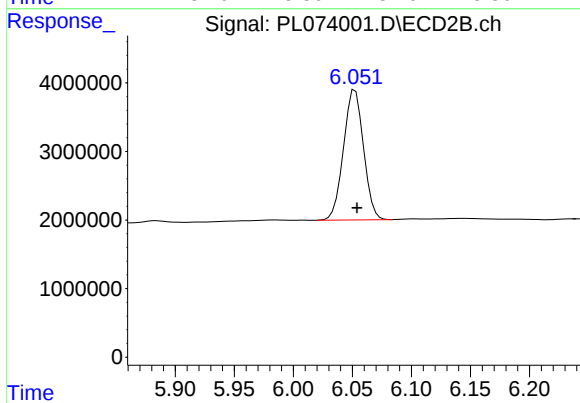
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 36197913
Conc: 20.30 ng/ml



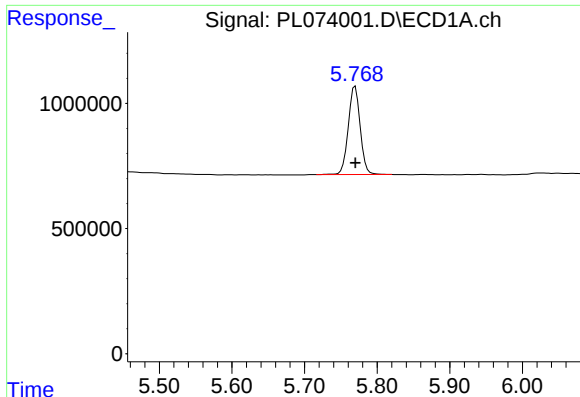
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 3960155
Conc: 9.44 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 22359444
Conc: 8.88 ng/ml



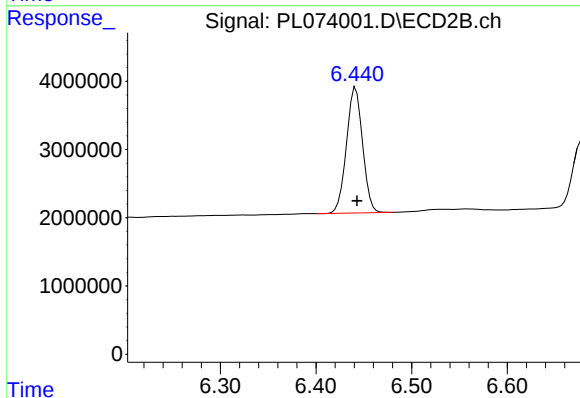
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 4040459
Conc: 9.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

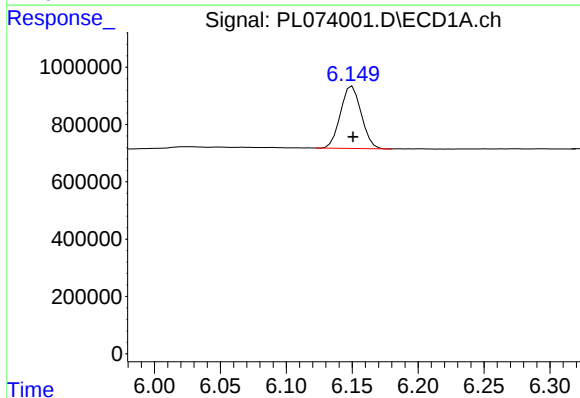
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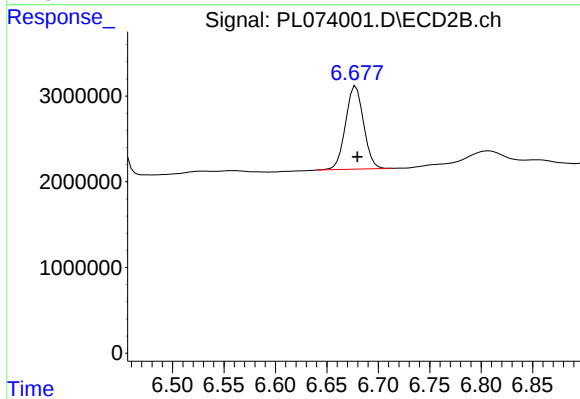
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.002 min
Response: 21663533
Conc: 9.15 ng/ml



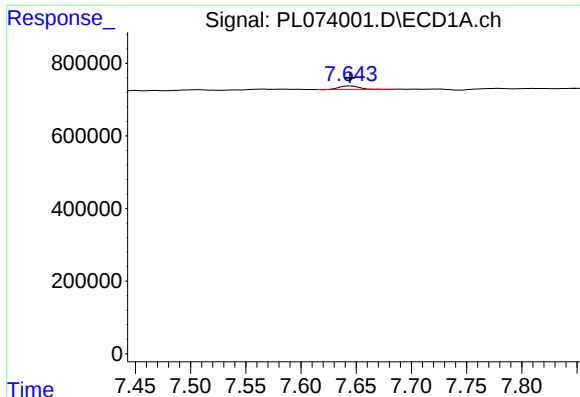
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 2374871
Conc: 11.62 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 11889256
Conc: 10.55 ng/ml



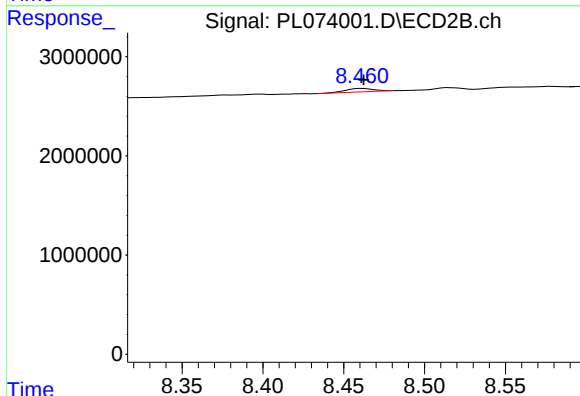
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 124029
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

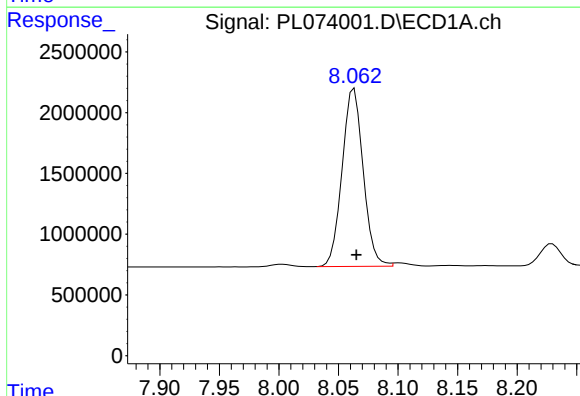
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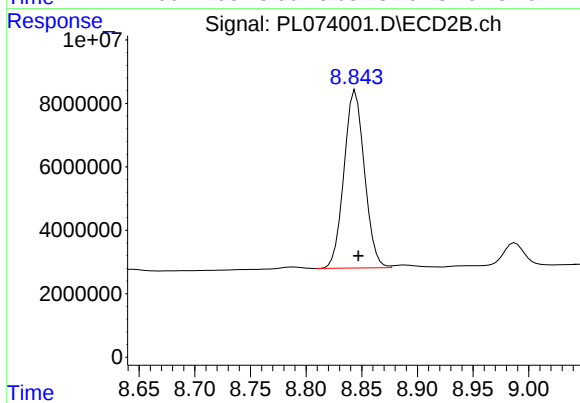
#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 448335
Conc: 0.23 ng/ml m



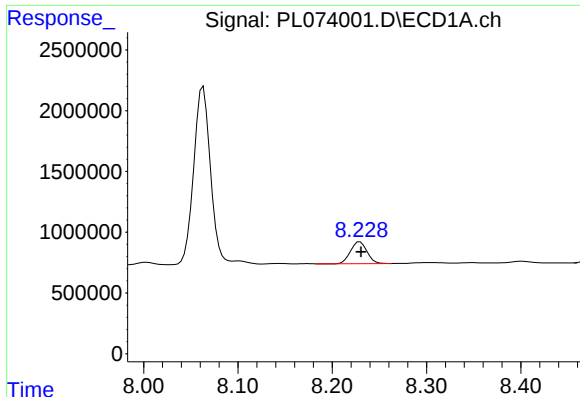
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 18030982
Conc: 44.39 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 71621868
Conc: 42.29 ng/ml



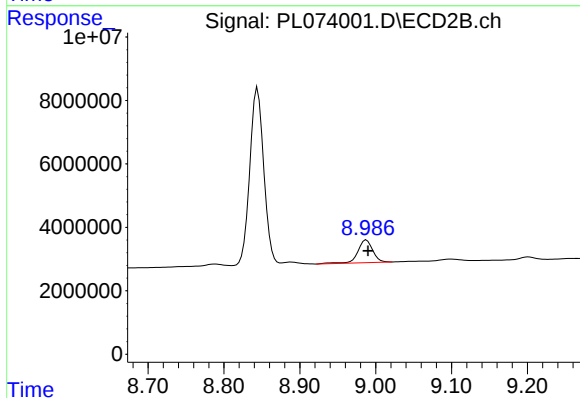
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.001 min
Response: 2173027
Conc: 6.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

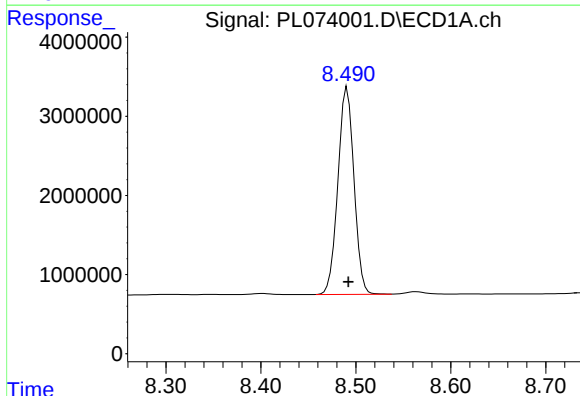
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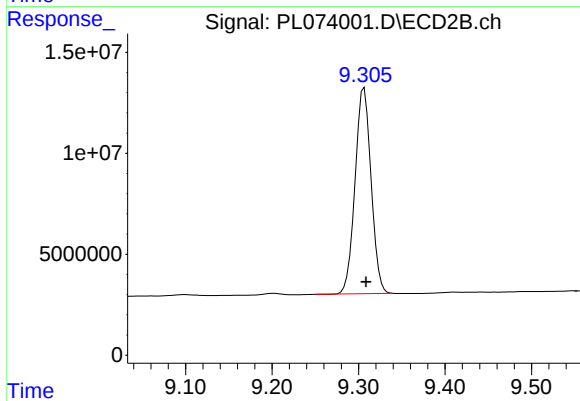
#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 9745670
Conc: 6.33 ng/ml



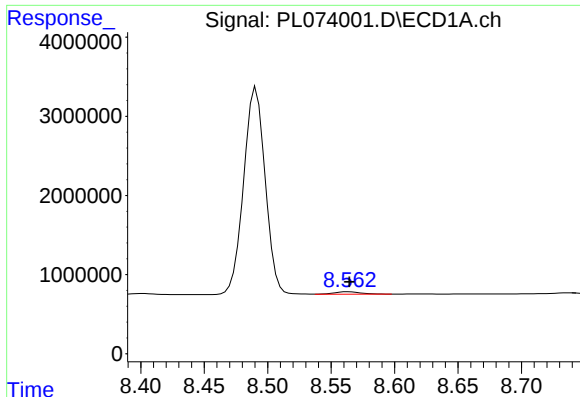
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 30865927
Conc: 83.50 ng/ml



#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.002 min
Response: 131130161
Conc: 73.97 ng/ml



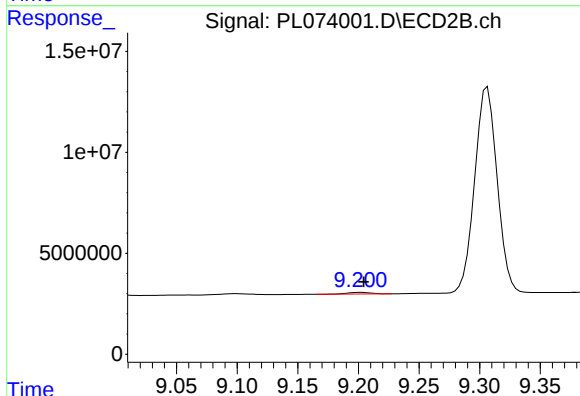
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 442613
Conc: 1.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

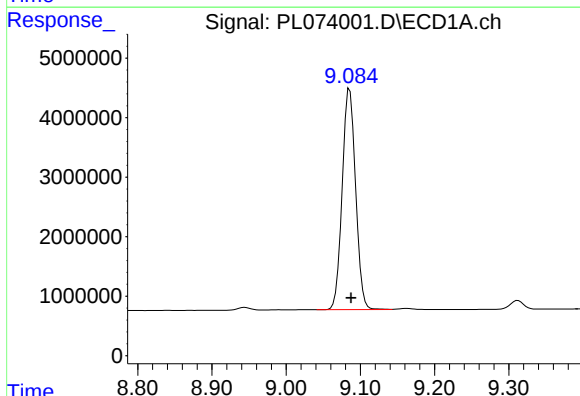
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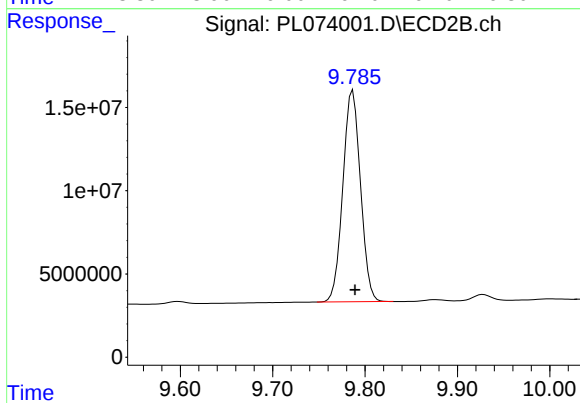
#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 1133978
Conc: 0.88 ng/ml



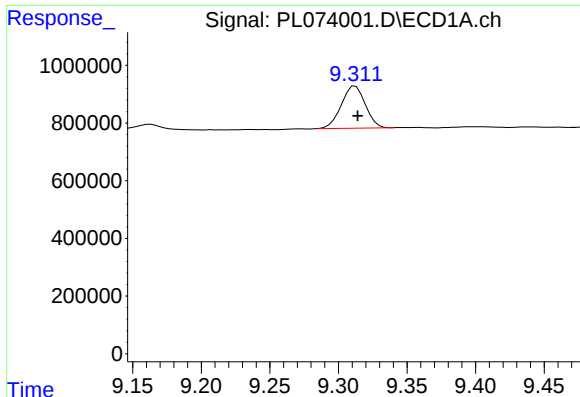
#20 Methoxychlor

R.T.: 9.086 min
Delta R.T.: -0.002 min
Response: 46768121
Conc: 188.38 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 168326719
Conc: 175.00 ng/ml m



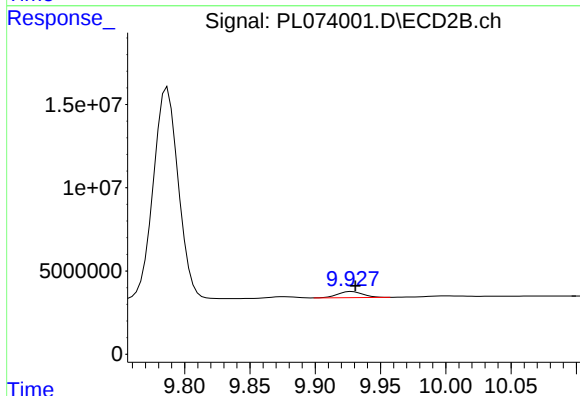
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.002 min
Response: 1786743
Conc: 3.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

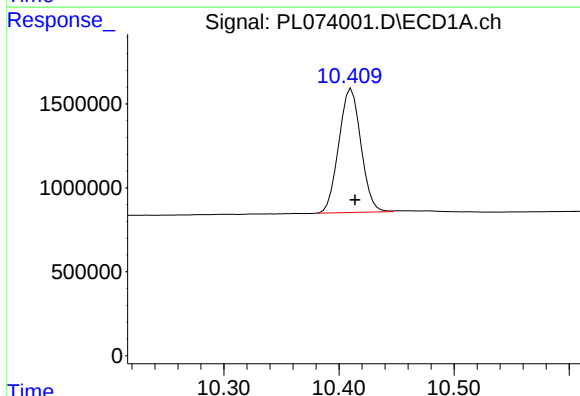
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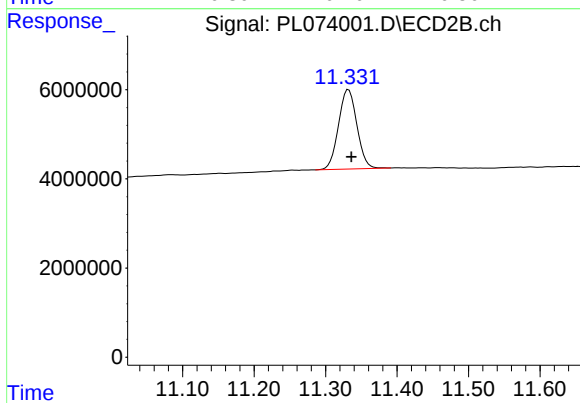
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 4855872
Conc: 2.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.411 min
Delta R.T.: -0.003 min
Response: 9880761
Conc: 19.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 31918332
Conc: 18.07 ng/ml