

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074043.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2022 10:18
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/15/2022
 Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 14:54:33 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...	4.638	5.491	7071307	38026939	21.885	21.328
28)	SA Decachlor...	10.412	11.335	10660289	37967194	20.499	21.495
Target Compounds							
2)	A alpha-BHC	5.345	6.054	4207377	24312344	10.026	9.655
3)	MA gamma-BHC...	5.769	6.443	4270707	23471271	10.183	9.916
6)	B beta-BHC	6.148	6.680	2418196	12582744	11.835m	11.165
12)	B 4,4'-DDE	7.643	8.462	112080	424559	0.307m	0.213m#
14)	MA Endrin	8.064	8.848	21649909	99381541	53.294	58.678
16)	A 4,4'-DDD	8.231	8.987	105097	314758	0.325m	0.205m#
17)	MA 4,4'-DDT	8.491	9.309	42815116	197.9E6	115.829	111.654
18)	B Endrin al...	8.568	9.200	139723	668382	0.432m	0.517m
20)	A Methoxychlor	9.086	9.789	63189865	250.4E6	254.522	260.349
21)	B Endrin ke...	9.311	9.932	331390	1143176	0.678m	0.660

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

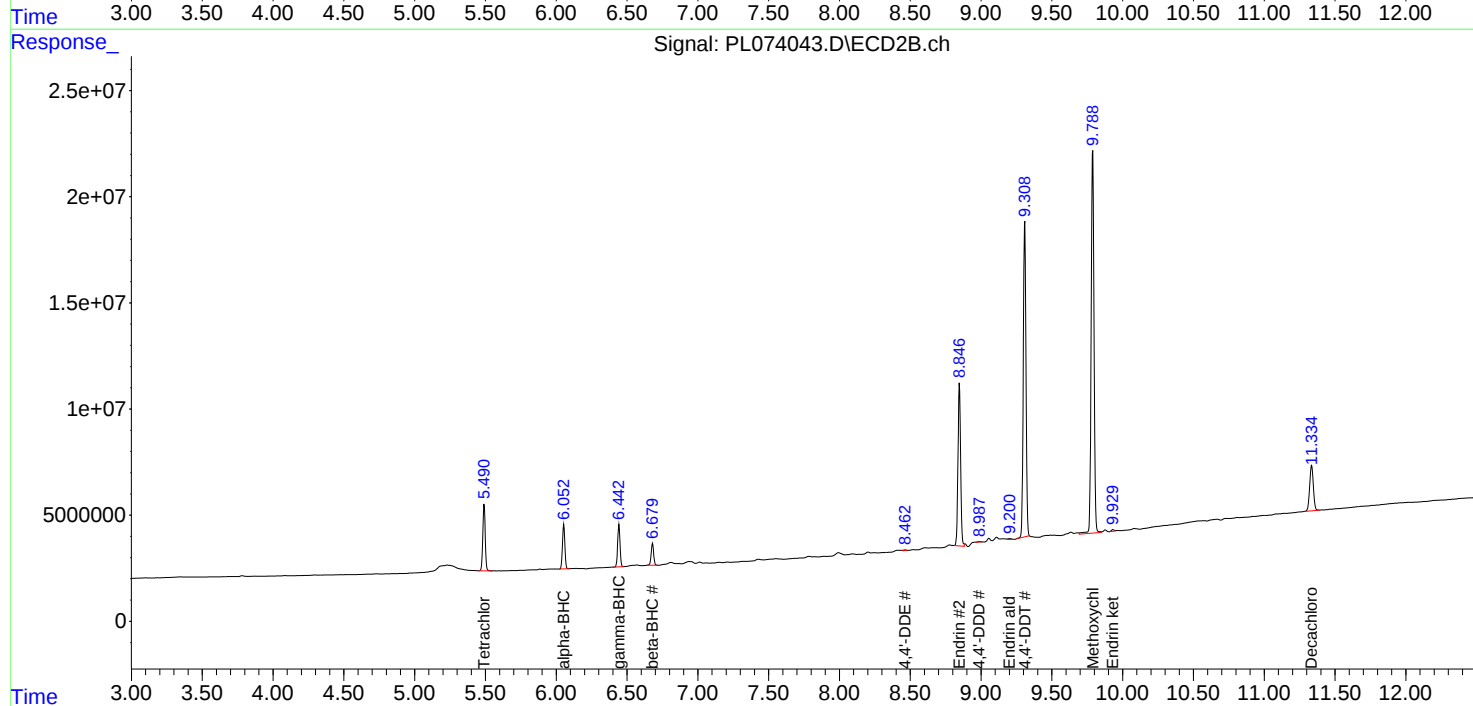
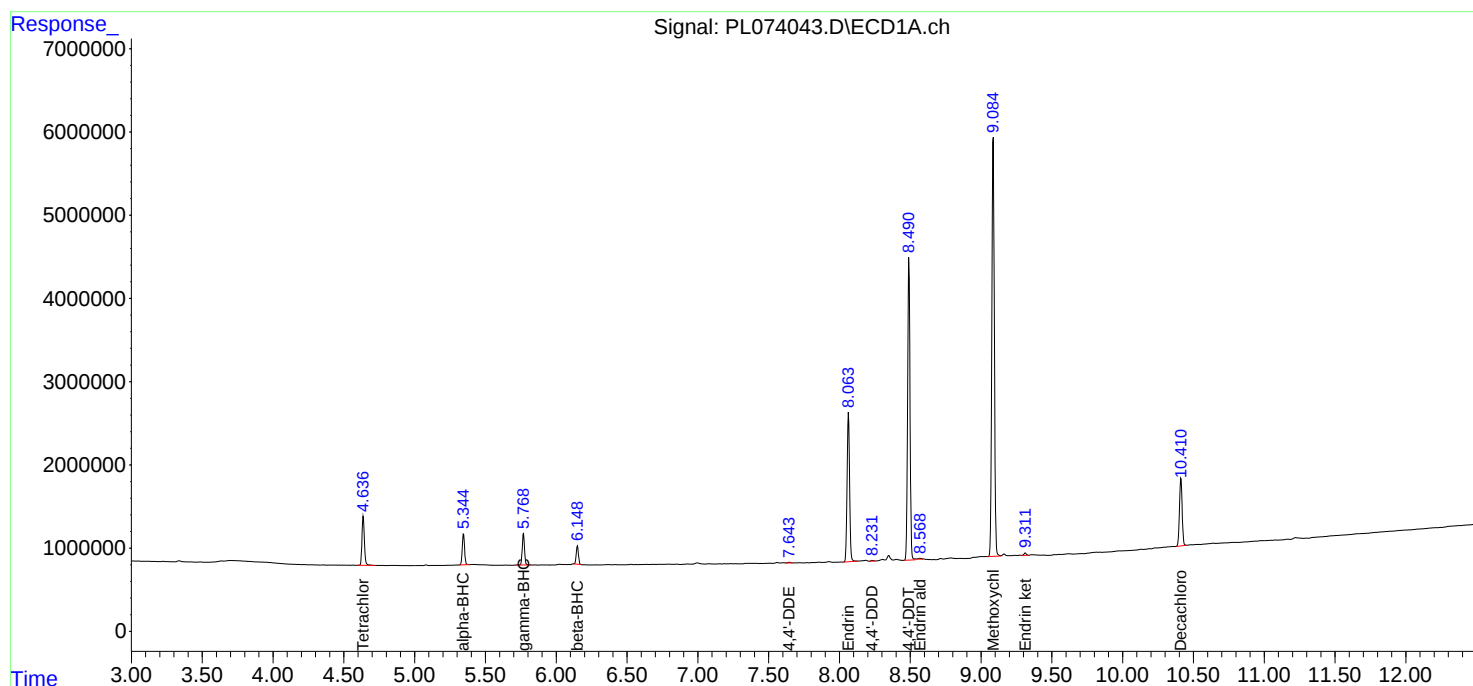
Instrument :
ECD_L
ClientSampleId :
PEM

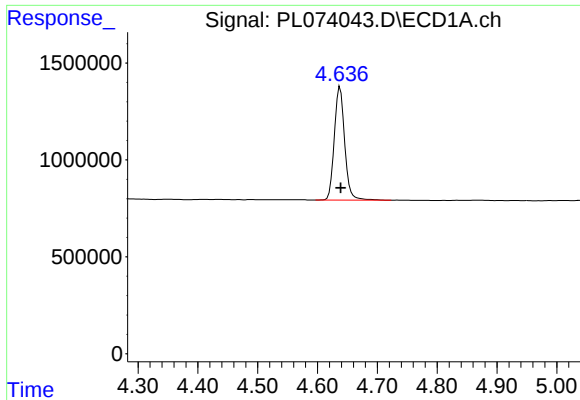
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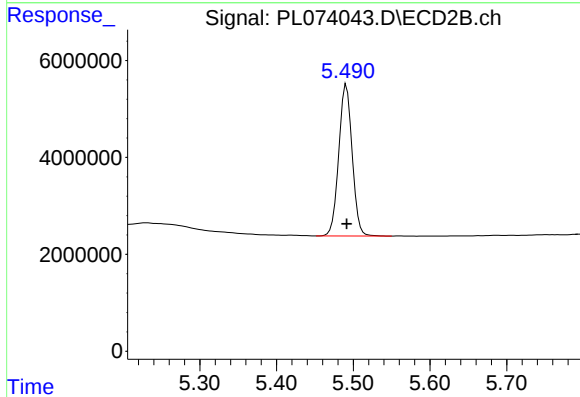
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.001 min
Response: 7071307
Conc: 21.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

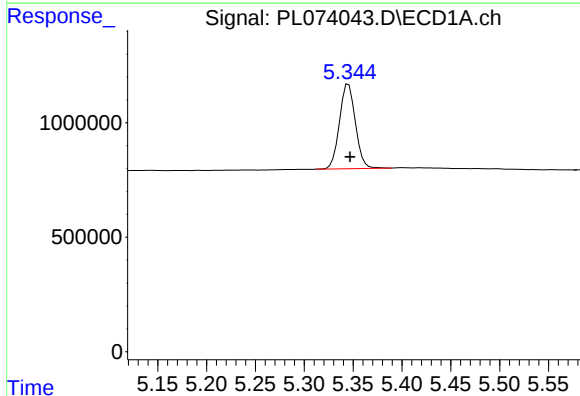
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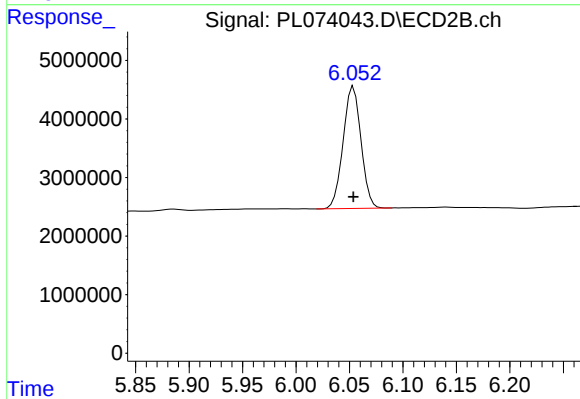
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 38026939
Conc: 21.33 ng/ml



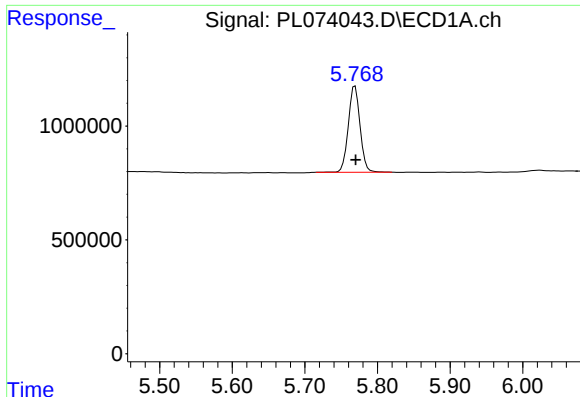
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.001 min
Response: 4207377
Conc: 10.03 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 24312344
Conc: 9.66 ng/ml



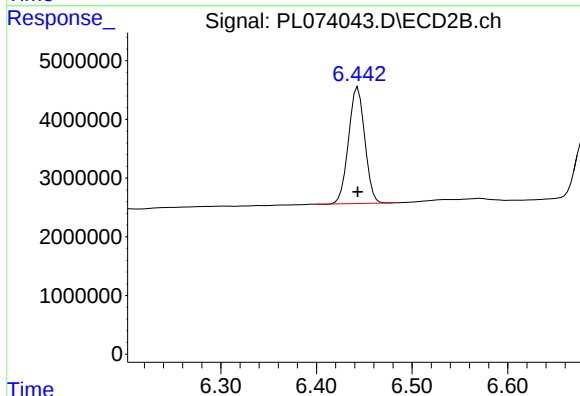
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 4270707
Conc: 10.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

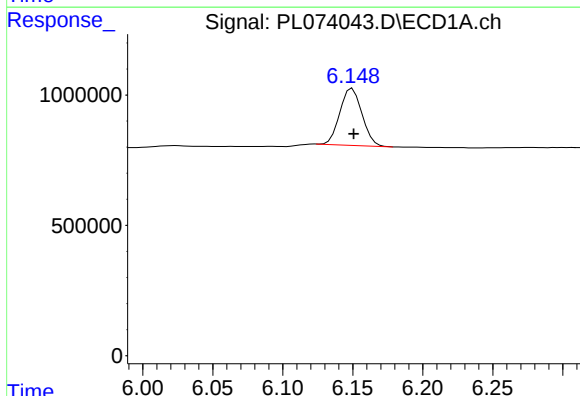
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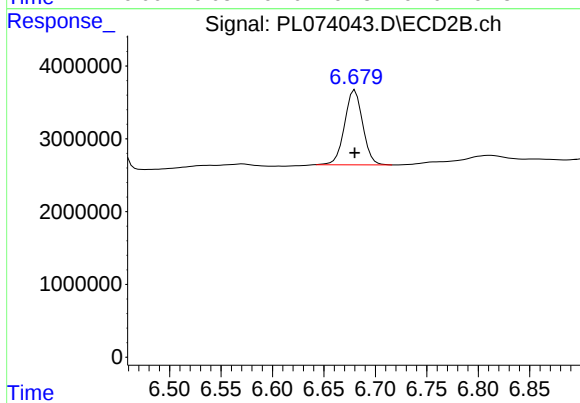
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 23471271
Conc: 9.92 ng/ml



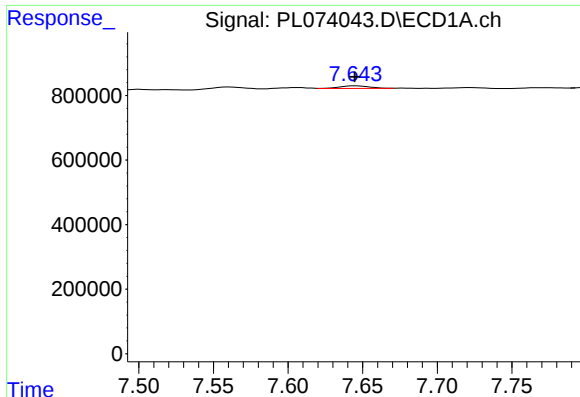
#6 beta-BHC

R.T.: 6.148 min
Delta R.T.: -0.002 min
Response: 2418196
Conc: 11.83 ng/ml m



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 12582744
Conc: 11.16 ng/ml



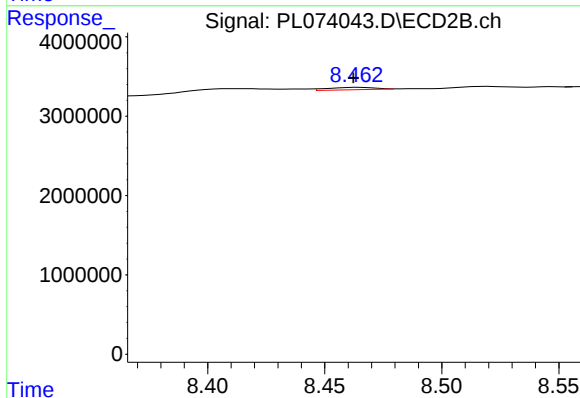
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.001 min
Response: 112080
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

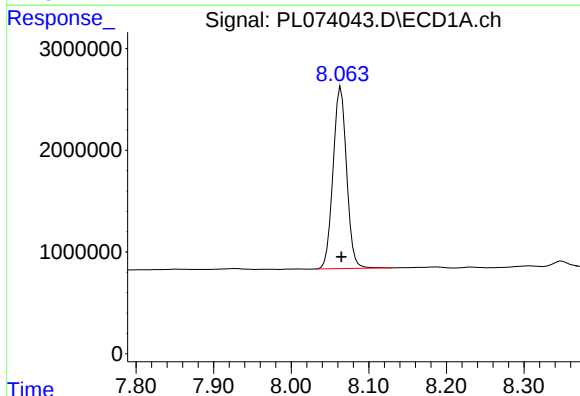
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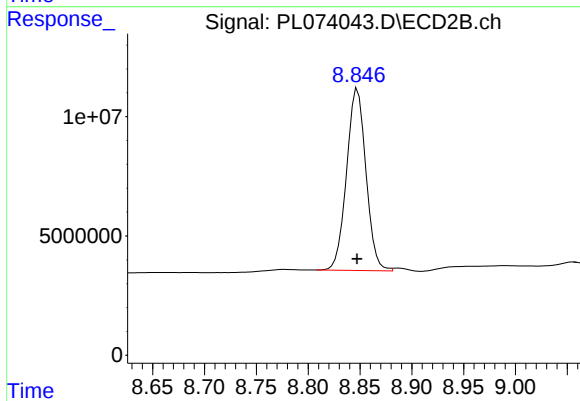
#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 424559
Conc: 0.21 ng/ml m



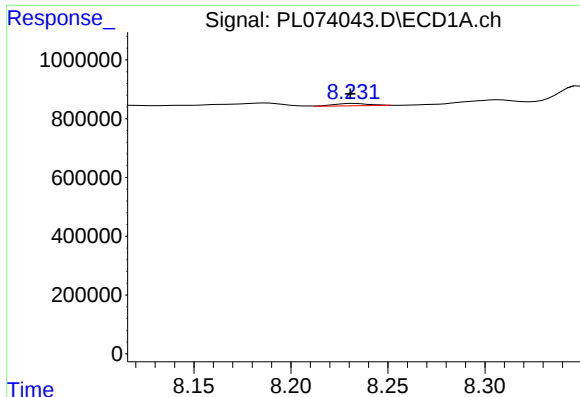
#14 Endrin

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 21649909
Conc: 53.29 ng/ml



#14 Endrin

R.T.: 8.848 min
Delta R.T.: 0.000 min
Response: 99381541
Conc: 58.68 ng/ml



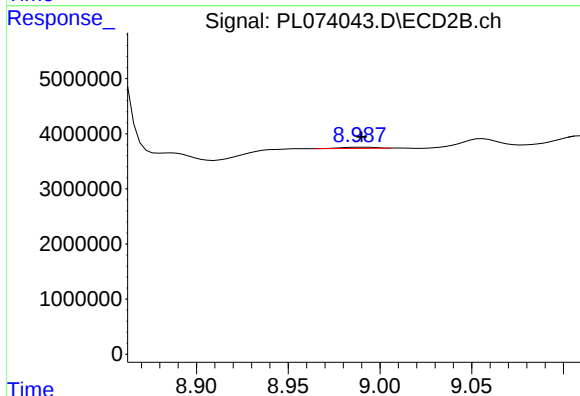
#16 4,4'-DDD

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 105097
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

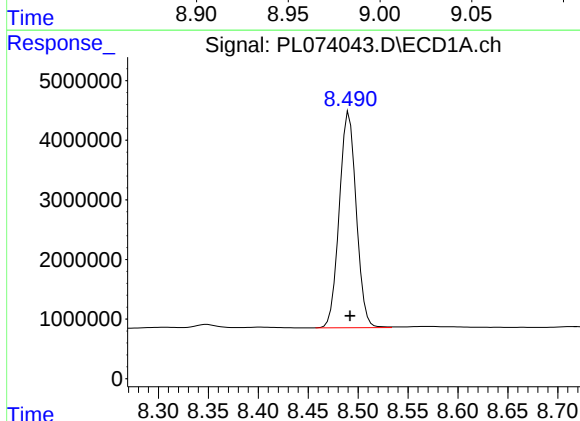
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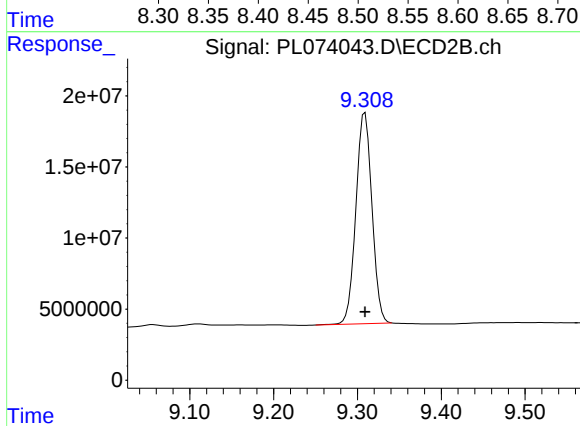
#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 314758
Conc: 0.20 ng/ml m



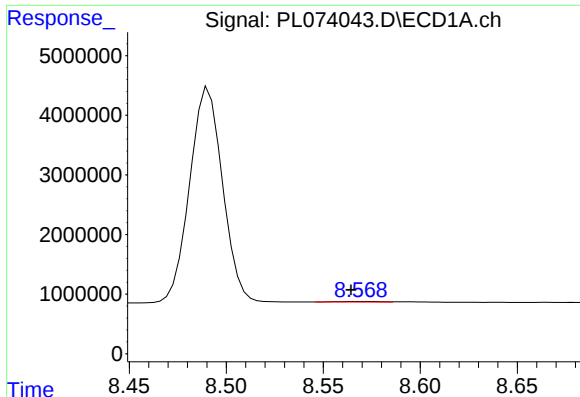
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 42815116
Conc: 115.83 ng/ml



#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.000 min
Response: 197925156
Conc: 111.65 ng/ml



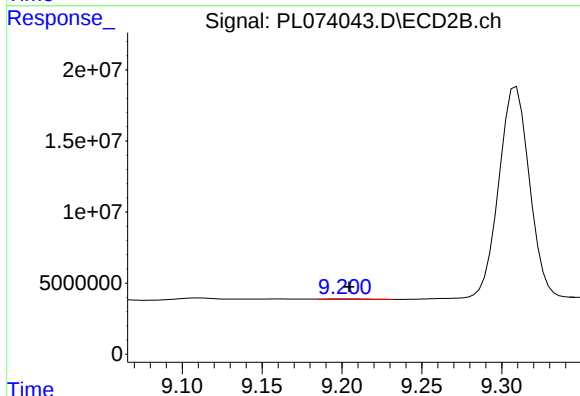
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: 0.004 min
Response: 139723
Conc: 0.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

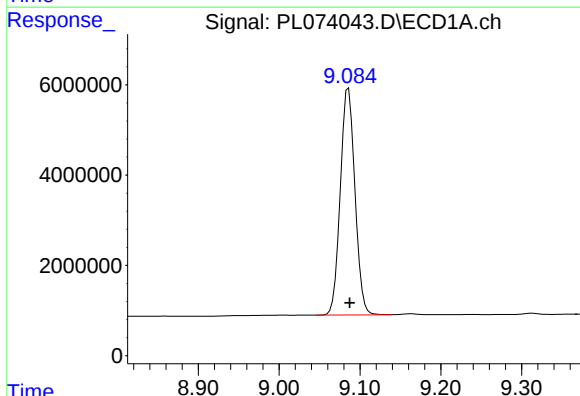
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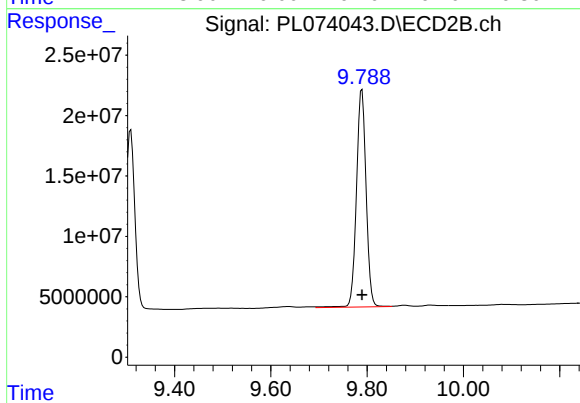
#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 668382
Conc: 0.52 ng/ml m



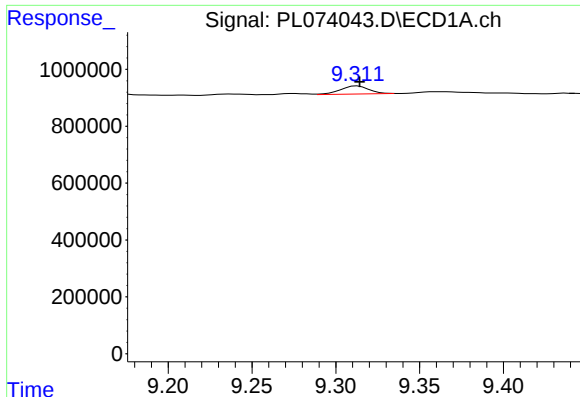
#20 Methoxychlor

R.T.: 9.086 min
Delta R.T.: -0.002 min
Response: 63189865
Conc: 254.52 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.000 min
Response: 250415967
Conc: 260.35 ng/ml



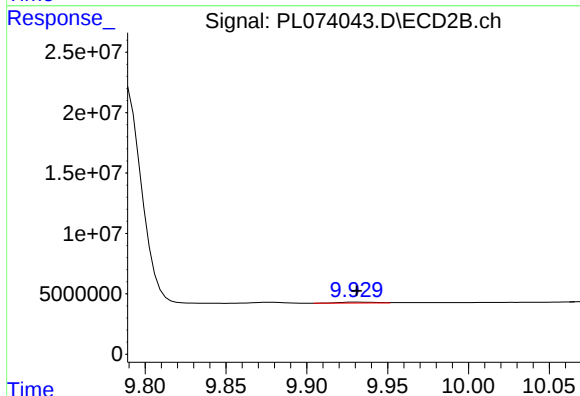
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: -0.003 min
Response: 331390
Conc: 0.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

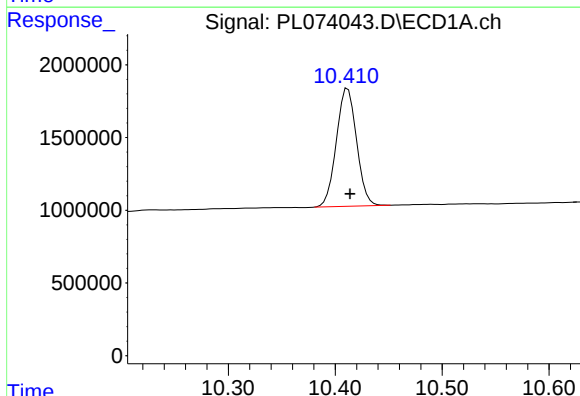
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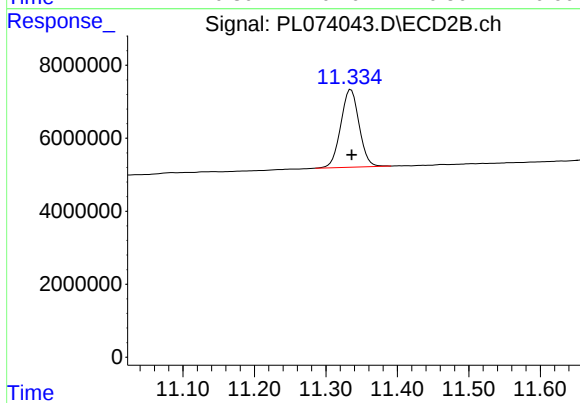
#21 Endrin ketone

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 1143176
Conc: 0.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.412 min
Delta R.T.: -0.002 min
Response: 10660289
Conc: 20.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.335 min
Delta R.T.: 0.000 min
Response: 37967194
Conc: 21.50 ng/ml