

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050522\
 Data File : PL074541.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2022 10:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/06/2022
 Supervised By : mohammad ahmed 05/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 01:10:45 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...	4.633	5.489	7138017	38668115	22.092	21.687
28)	SA Decachlor...	10.401	11.332	11715796	40178654	22.529m	22.747
Target Compounds							
2)	A alpha-BHC	5.341	6.051	4439045	24403383	10.578	9.691
3)	MA gamma-BHC...	5.764	6.441	4523486	23765429	10.786	10.040
6)	B beta-BHC	6.144	6.678	2573987	13059178	12.597m	11.587
12)	B 4,4'-DDE	7.637	8.461	139488	696916	0.382	0.350
14)	MA Endrin	8.057	8.845	21898057	94476544	53.905	55.782
16)	A 4,4'-DDD	8.223	8.988	1170015	7082558	3.623	4.603 #
17)	MA 4,4'-DDT	8.484	9.307	40448064	183.1E6	109.426	103.265
18)	B Endrin al...	8.557	9.202	322518	889261	0.997m	0.688m#
20)	A Methoxychlor	9.079	9.787	57528234	229.9E6	231.718	238.984
21)	B Endrin ke...	9.305	9.928	1248721	3986770	2.556	2.303

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

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ALS Vial : 3 Sample Multiplier: 1

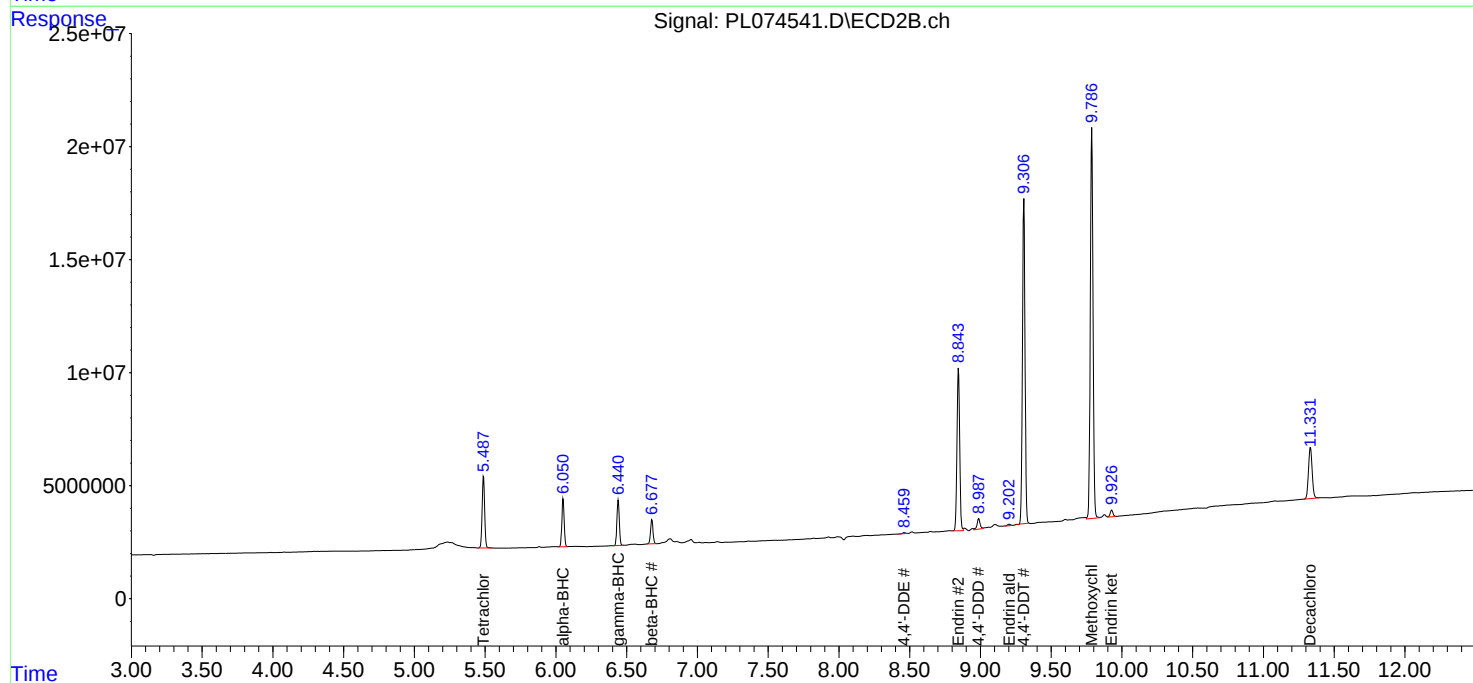
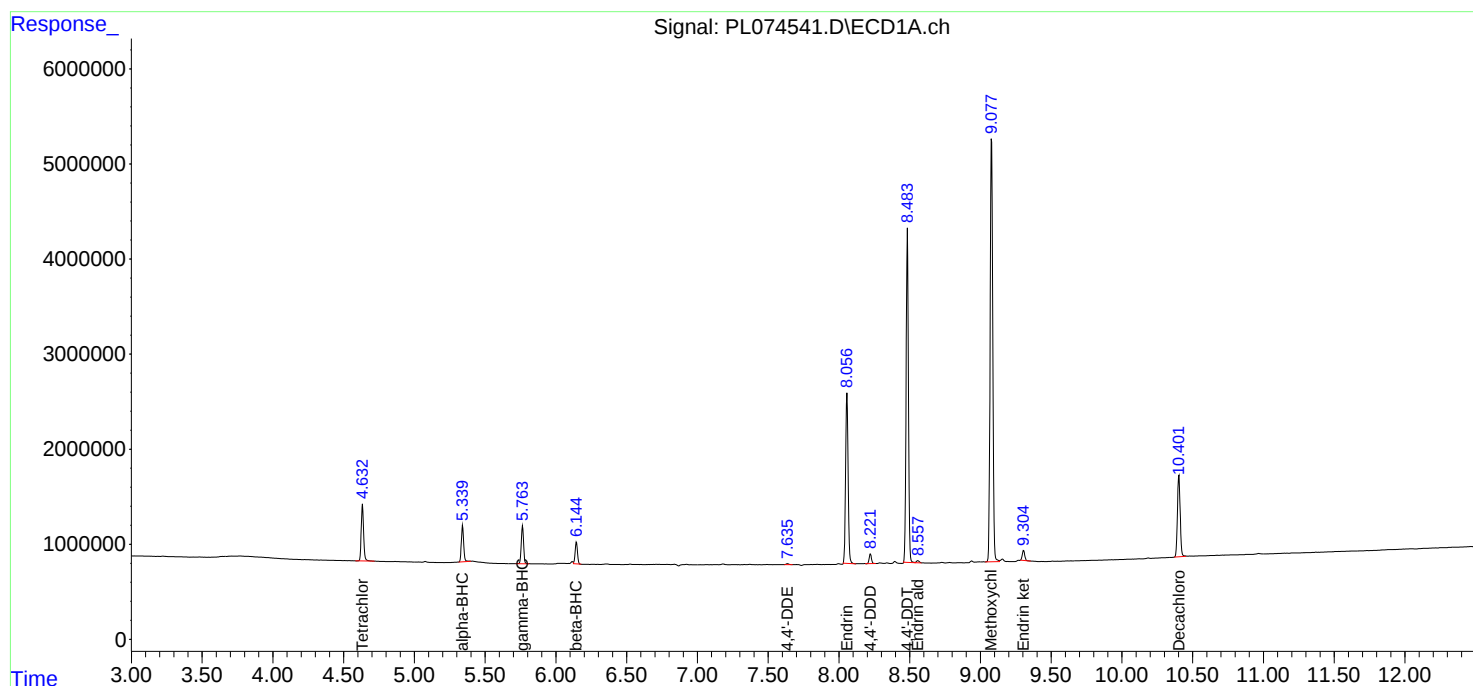
Instrument :
ECD_L
ClientSampleId :
PEM

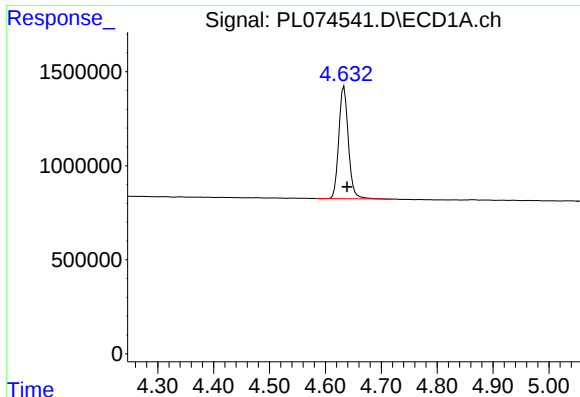
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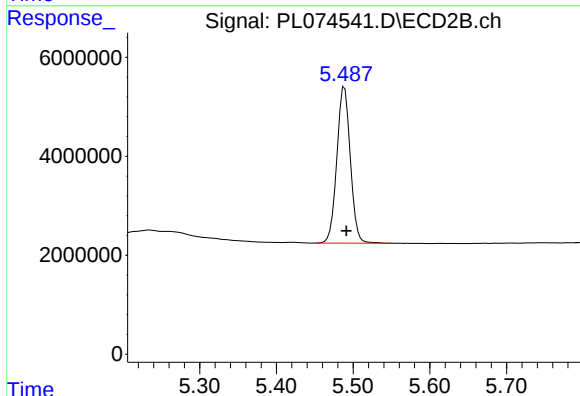
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 7138017
Conc: 22.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

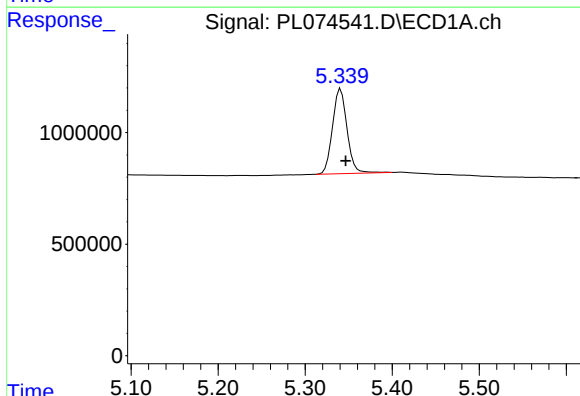
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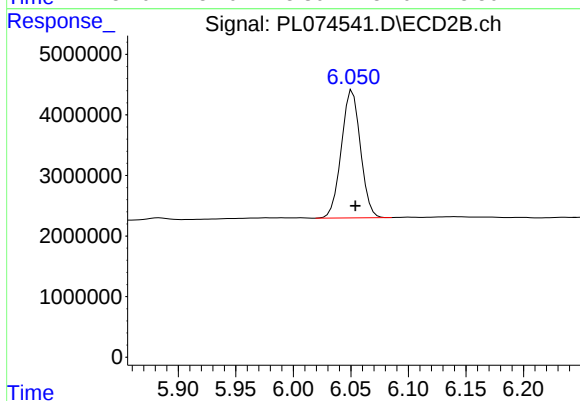
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 38668115
Conc: 21.69 ng/ml



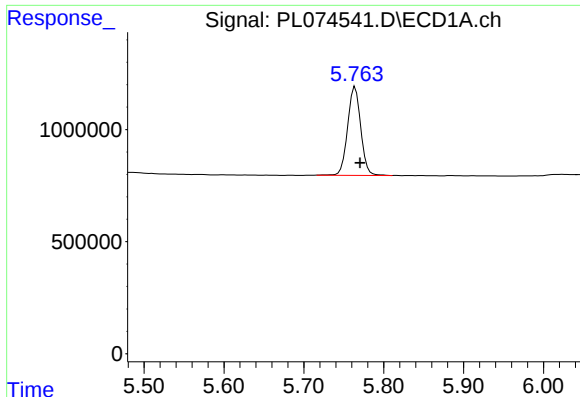
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 4439045
Conc: 10.58 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 24403383
Conc: 9.69 ng/ml



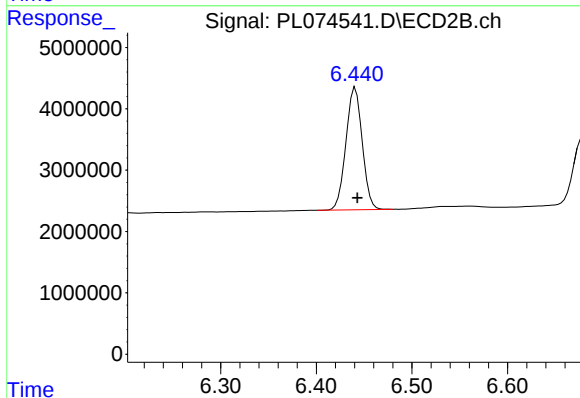
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: -0.006 min
Response: 4523486
Conc: 10.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

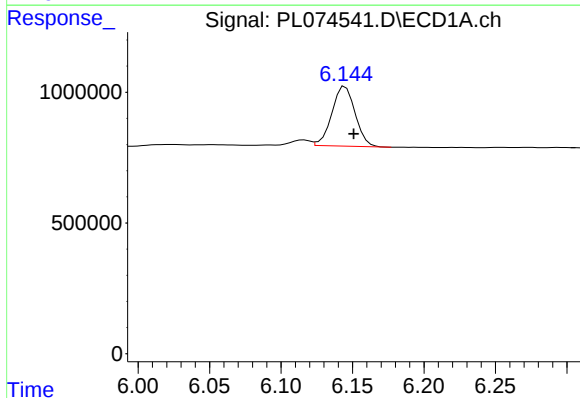
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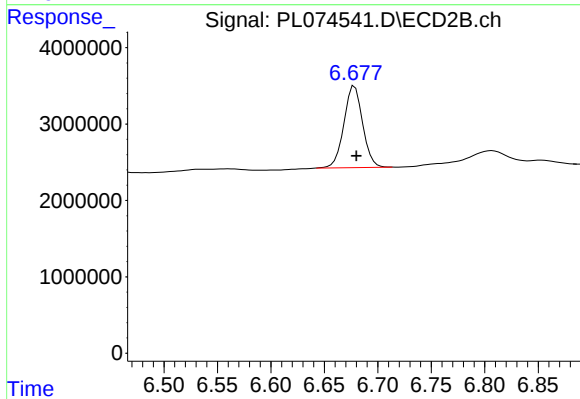
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 23765429
Conc: 10.04 ng/ml



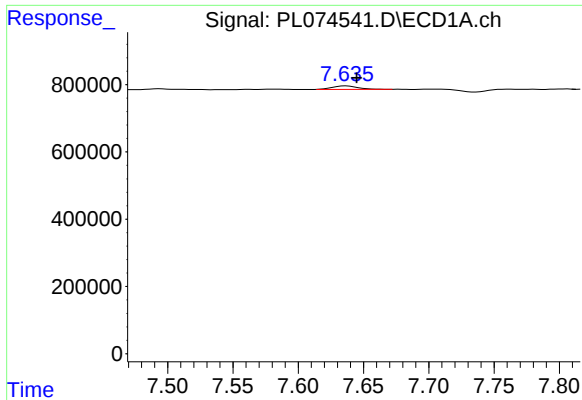
#6 beta-BHC

R.T.: 6.144 min
Delta R.T.: -0.007 min
Response: 2573987
Conc: 12.60 ng/ml m



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 13059178
Conc: 11.59 ng/ml



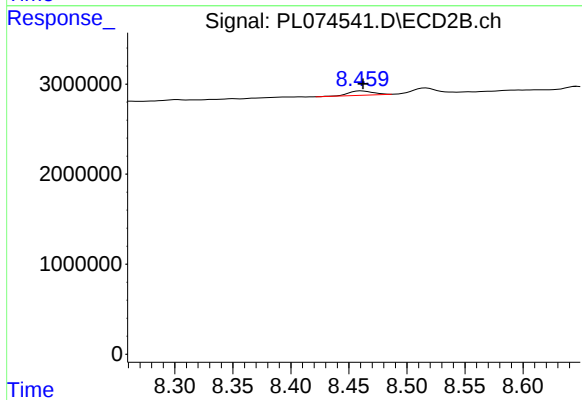
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 139488
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

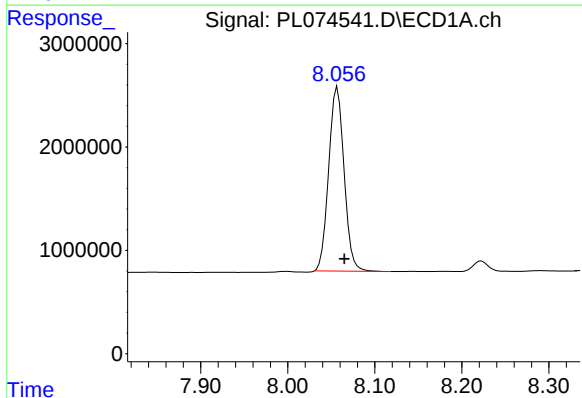
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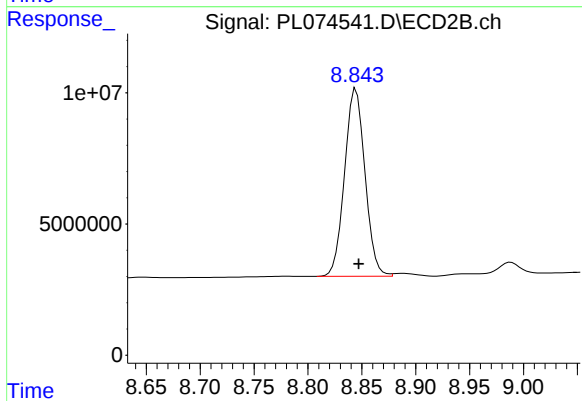
#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 696916
Conc: 0.35 ng/ml



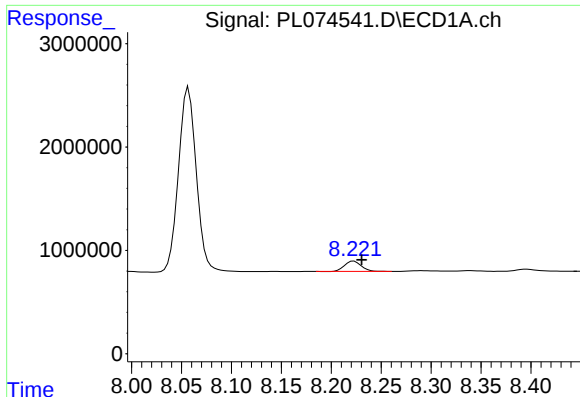
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.008 min
Response: 21898057
Conc: 53.91 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 94476544
Conc: 55.78 ng/ml



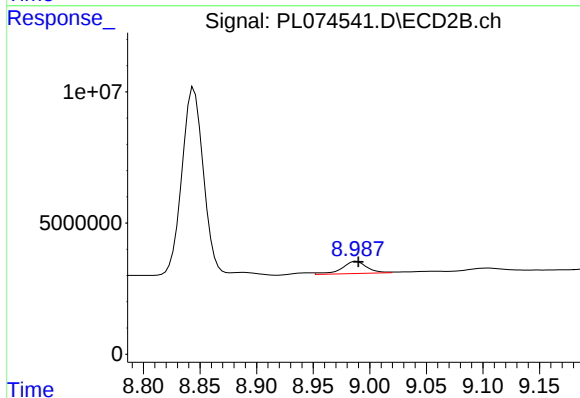
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.008 min
Response: 1170015
Conc: 3.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

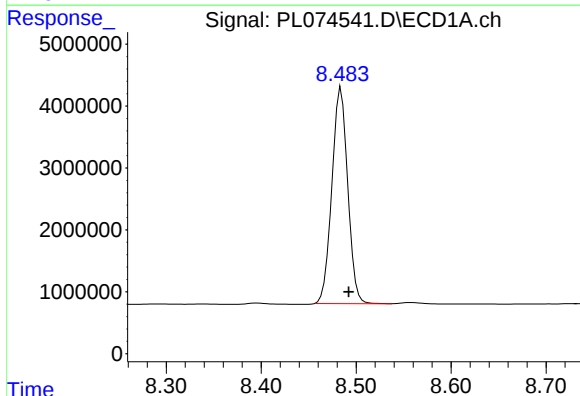
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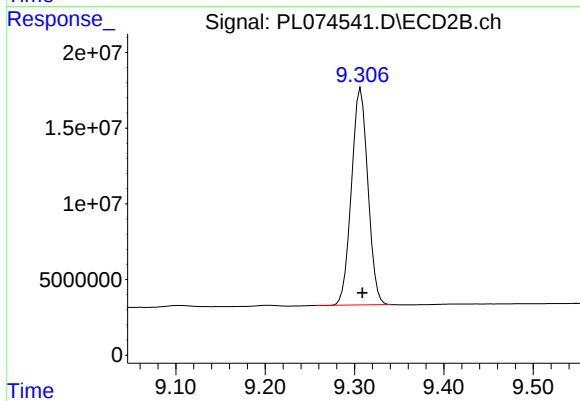
#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 7082558
Conc: 4.60 ng/ml



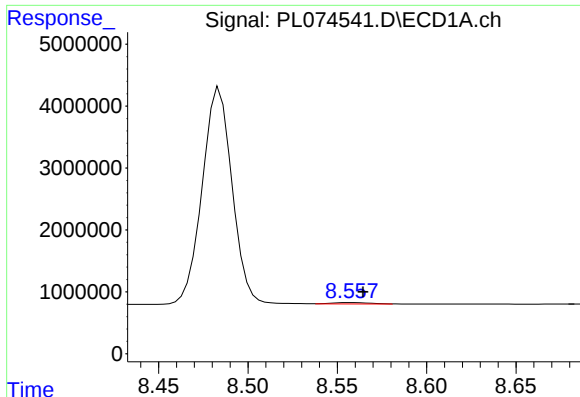
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 40448064
Conc: 109.43 ng/ml



#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 183054133
Conc: 103.26 ng/ml



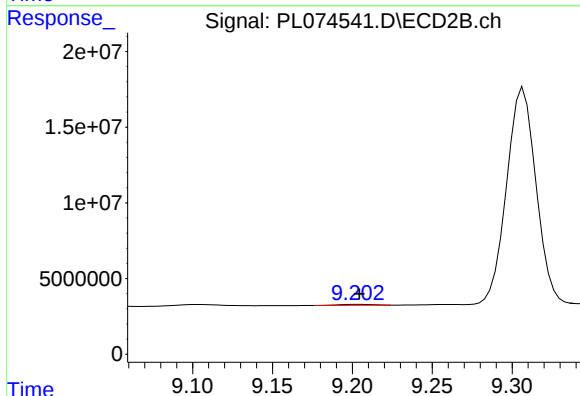
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 322518
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

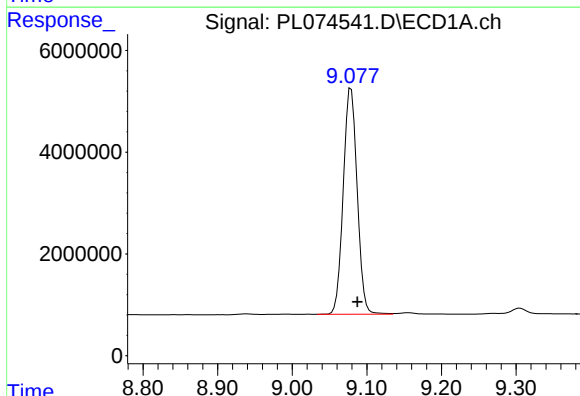
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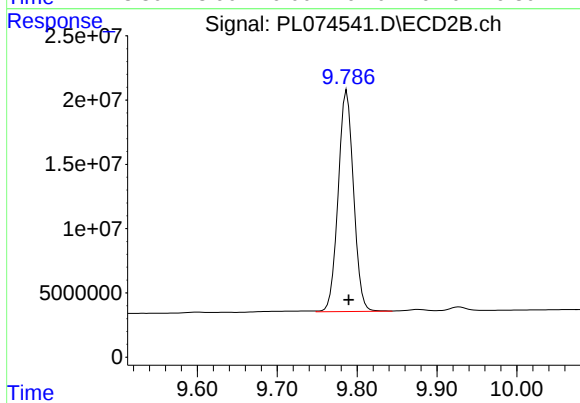
#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.003 min
Response: 889261
Conc: 0.69 ng/ml m



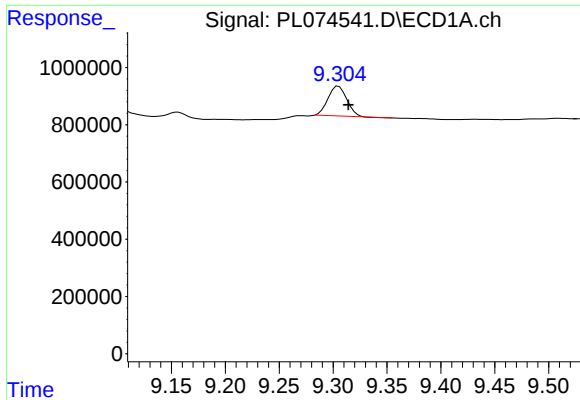
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 57528234
Conc: 231.72 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 229865983
Conc: 238.98 ng/ml



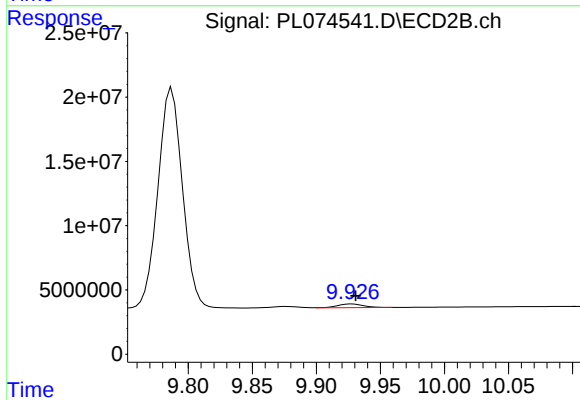
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.009 min
Response: 1248721
Conc: 2.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

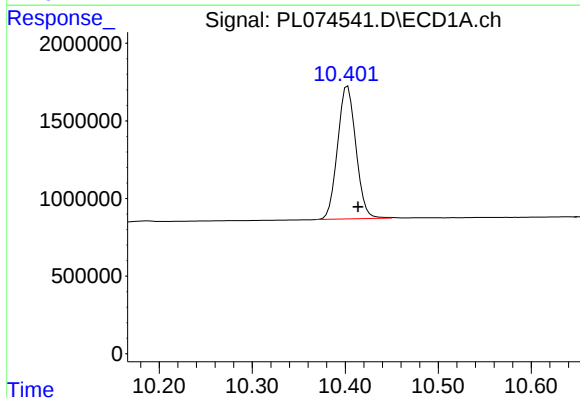
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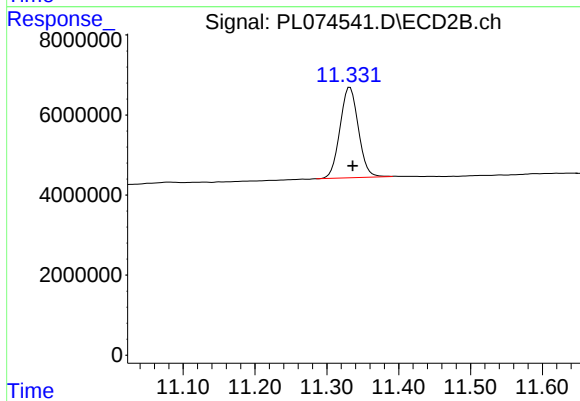
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 3986770
Conc: 2.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.013 min
Response: 11715796
Conc: 22.53 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 40178654
Conc: 22.75 ng/ml