

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041122\
 Data File : PL073924.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2022 09:17
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/12/2022
 Supervised By : mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 02:01:52 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...	4.639	5.490	6559537	34089467	20.301	19.119
28)	SA Decachlor...	10.412	11.332	10578139	34335431	20.341	19.439
Target Compounds							
2)	A alpha-BHC	5.347	6.053	3804307	21004925	9.065	8.342
3)	MA gamma-BHC...	5.770	6.442	3922913	20357309	9.354	8.600
6)	B beta-BHC	6.150	6.679	2207293	11476600	10.803	10.183
12)	B 4,4'-DDE	7.643	8.459	94805	241410	0.260	0.121m#
14)	MA Endrin	8.064	8.845	18806664	77570292	46.295	45.800
16)	A 4,4'-DDD	8.230	8.986	488802	2083317	1.514	1.354m
17)	MA 4,4'-DDT	8.491	9.307	34681101	157.4E6	93.824	88.795
18)	B Endrin al...	8.565	9.202	439770	456641	1.359	0.354 #
20)	A Methoxychlor	9.087	9.785	50812428	201.5E6	204.667	209.539m
21)	B Endrin ke...	9.313	9.928	736767	2256355	1.508	1.304

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

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Acq On : 11 Apr 2022 09:17
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

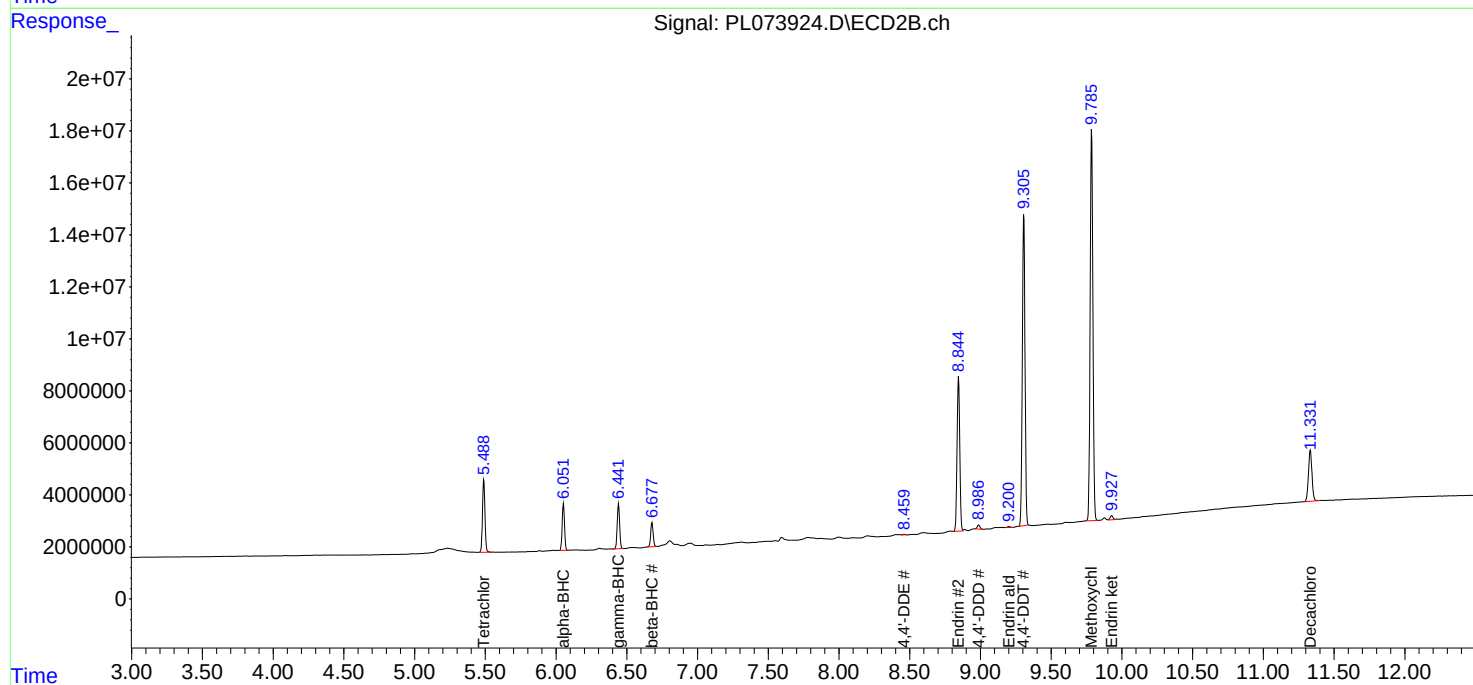
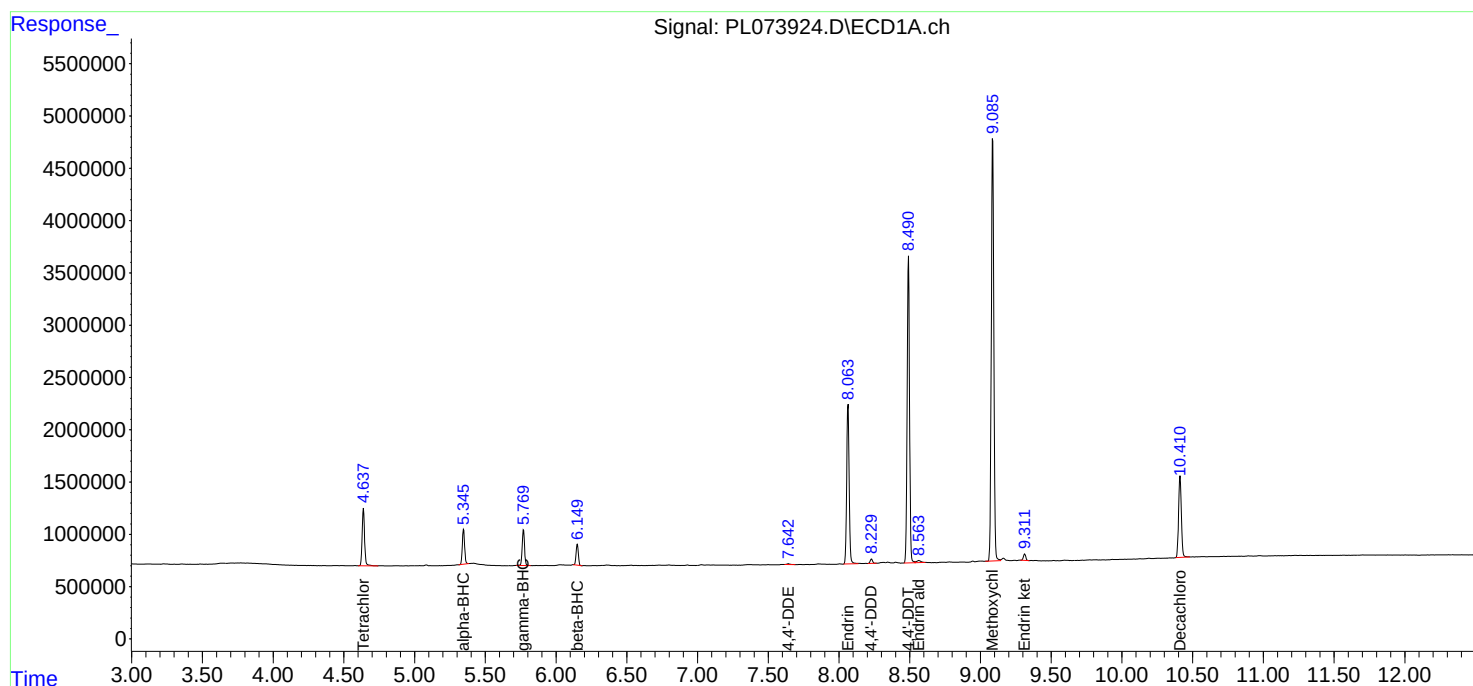
Instrument :
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ClientSampleId :
PEM

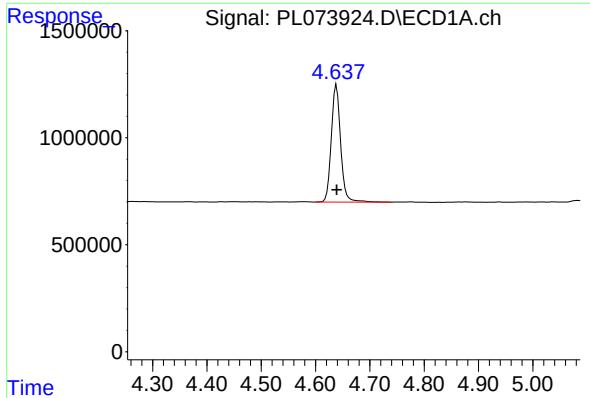
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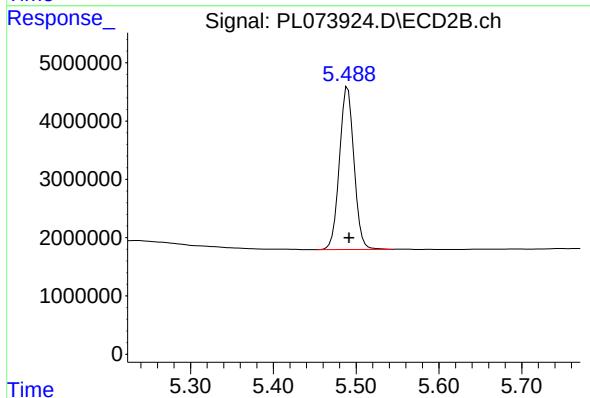
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 6559537
Conc: 20.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

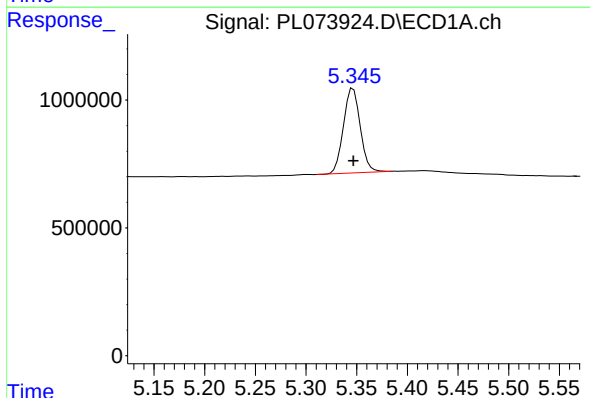
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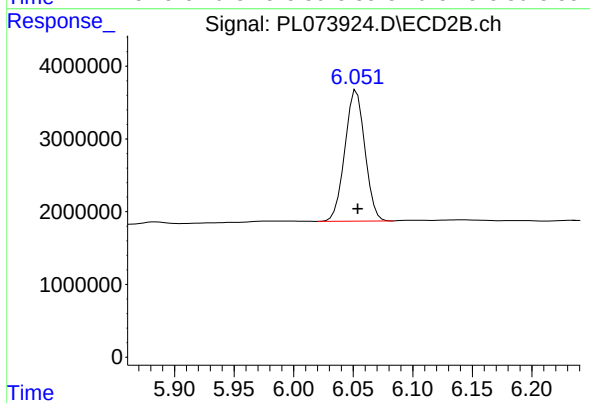
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 34089467
Conc: 19.12 ng/ml



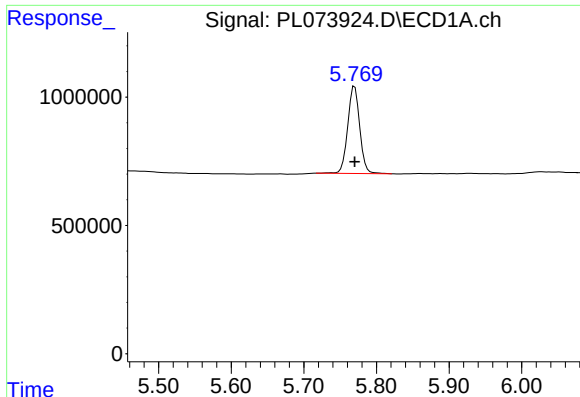
#2 alpha-BHC

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 3804307
Conc: 9.07 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 21004925
Conc: 8.34 ng/ml



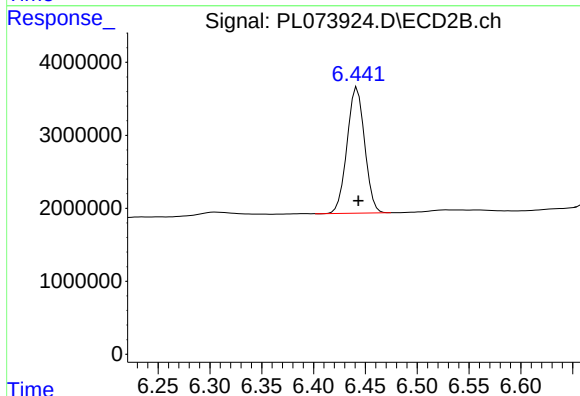
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 3922913
Conc: 9.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

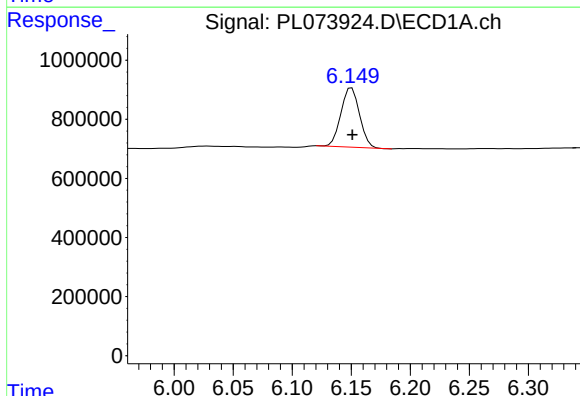
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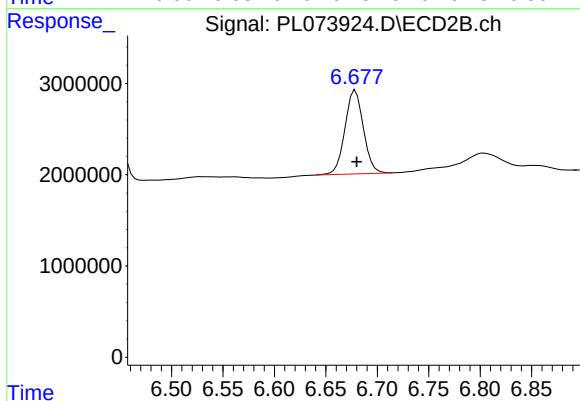
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 20357309
Conc: 8.60 ng/ml



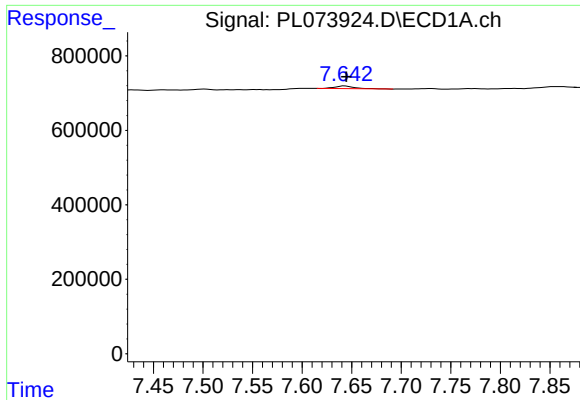
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 2207293
Conc: 10.80 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 11476600
Conc: 10.18 ng/ml



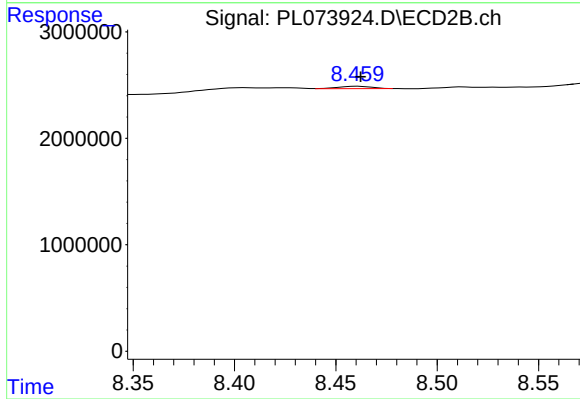
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 94805
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

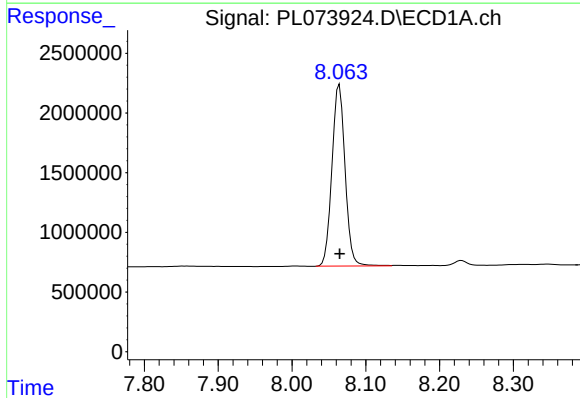
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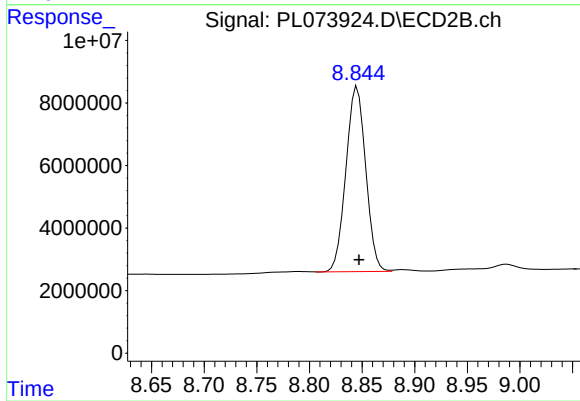
#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 241410
Conc: 0.12 ng/ml m



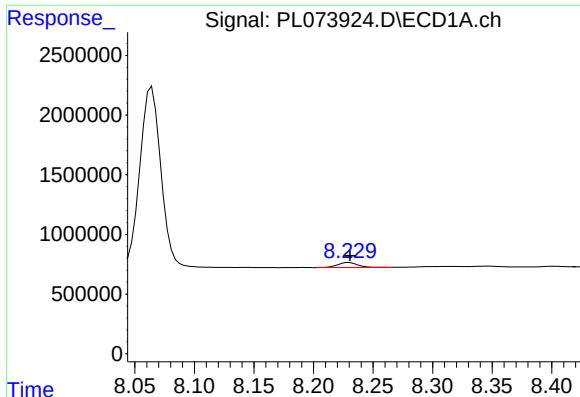
#14 Endrin

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 18806664
Conc: 46.30 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 77570292
Conc: 45.80 ng/ml



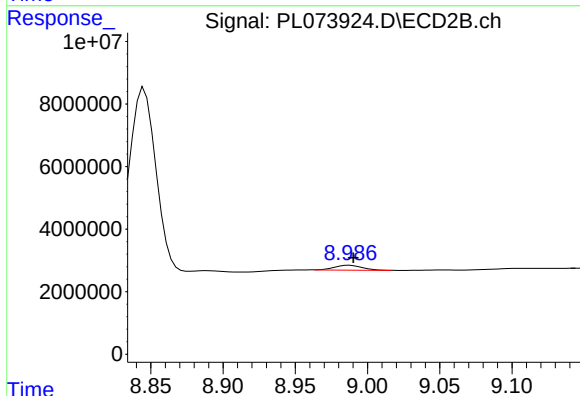
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 488802
Conc: 1.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

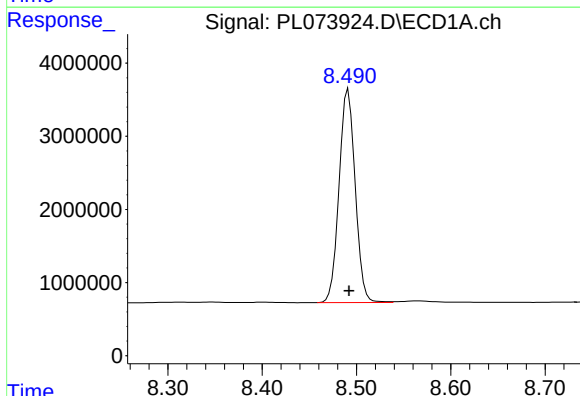
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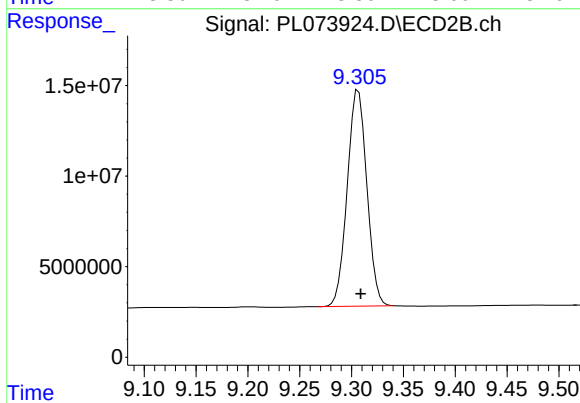
#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.004 min
Response: 2083317
Conc: 1.35 ng/ml m



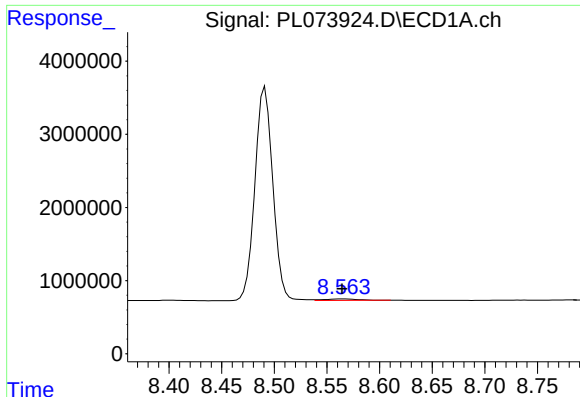
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 34681101
Conc: 93.82 ng/ml



#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 157403604
Conc: 88.79 ng/ml



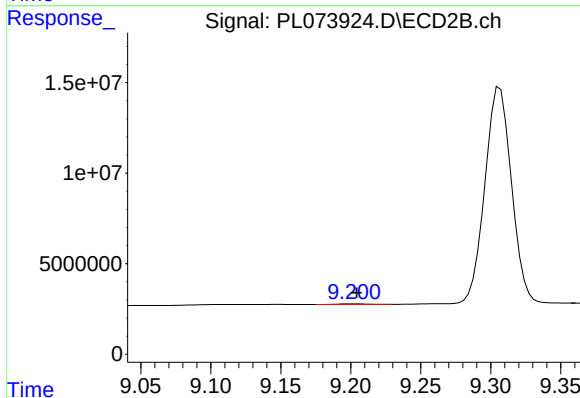
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 439770
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

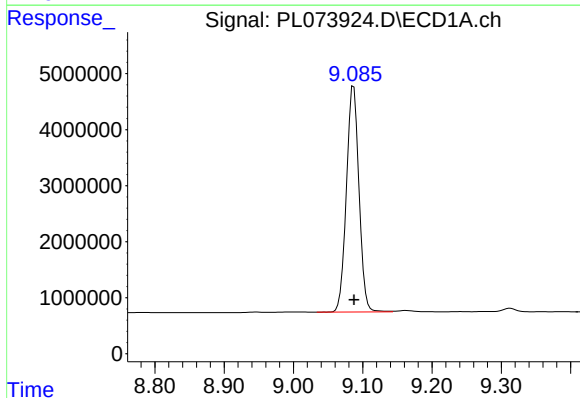
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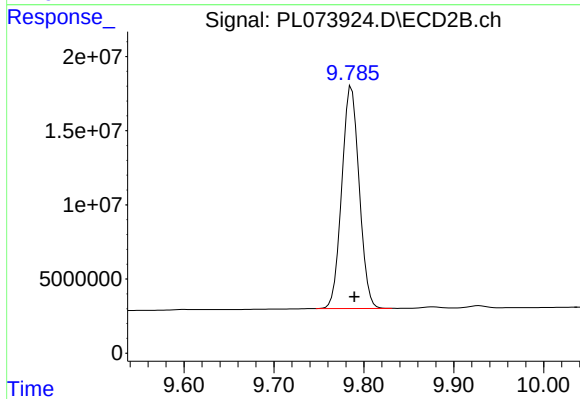
#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.003 min
Response: 456641
Conc: 0.35 ng/ml



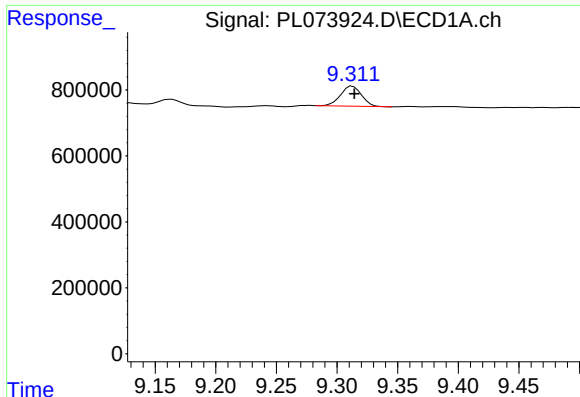
#20 Methoxychlor

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 50812428
Conc: 204.67 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.005 min
Response: 201544298
Conc: 209.54 ng/ml m



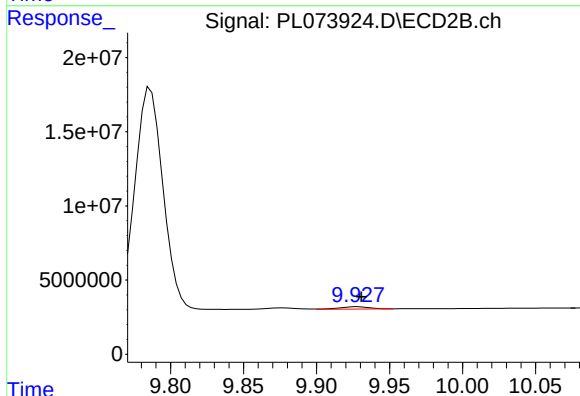
#21 Endrin ketone

R.T.: 9.313 min
Delta R.T.: -0.001 min
Response: 736767
Conc: 1.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

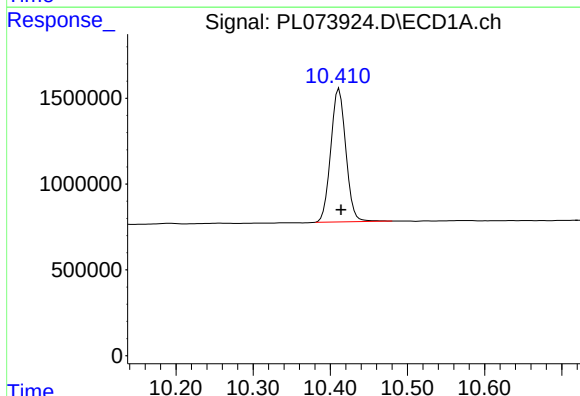
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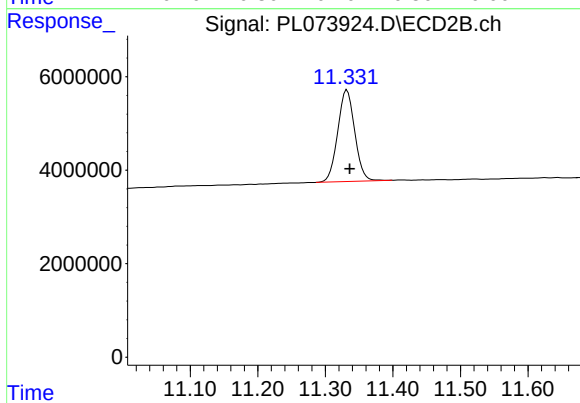
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 2256355
Conc: 1.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.412 min
Delta R.T.: -0.002 min
Response: 10578139
Conc: 20.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 34335431
Conc: 19.44 ng/ml