

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030322\
 Data File : PL073112.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2022 09:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/04/2022
 Supervised By : Ankita Jodhani 03/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 03:55:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022622.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 28 02:28:04 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...	4.648	5.491	6422302	29964422	20.041	20.648
28)	SA Decachlor...	10.428	11.331	10275648	36938487	21.953	23.415
Target Compounds							
2)	A alpha-BHC	5.357	6.053	3914307	18090932	9.289	9.172
3)	MA gamma-BHC...	5.780	6.443	3956339	17865593	8.947	9.555
6)	B beta-BHC	6.161	6.678	2359767	10585110	10.596	11.738
12)	B 4,4'-DDE	7.658	8.461	102380	387259	0.263	0.248
14)	MA Endrin	8.077	8.846	18312384	66283528	46.119	50.072
16)	A 4,4'-DDD	8.243	8.988	1728502	7432804	4.963	5.589
17)	MA 4,4'-DDT	8.505	9.306	32870686	127.7E6	86.377	93.132
18)	B Endrin al...	8.576	9.202	306264	672342	0.954m	0.618 #
20)	A Methoxychlor	9.101	9.786	50855049	204.5E6	203.610	261.245m#
21)	B Endrin ke...	9.326	9.926	1463198	3275446	2.951	2.234m

(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

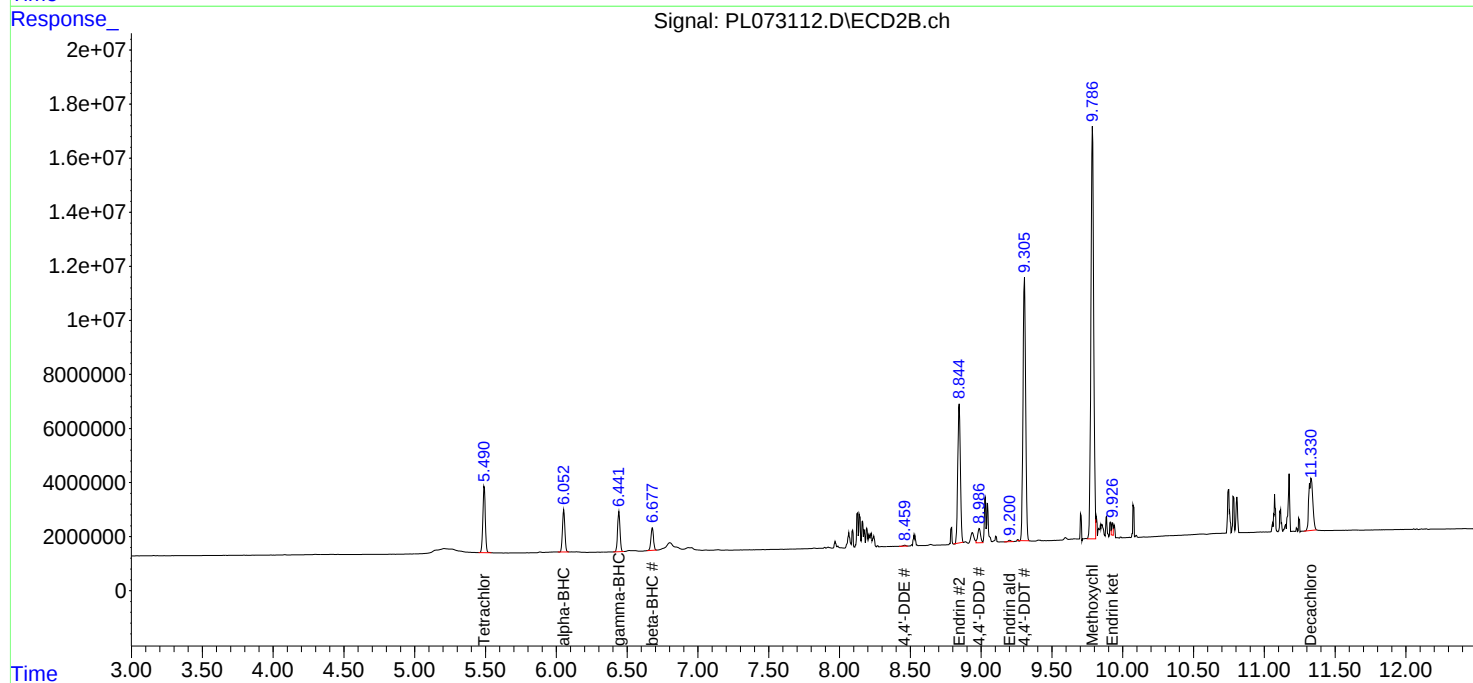
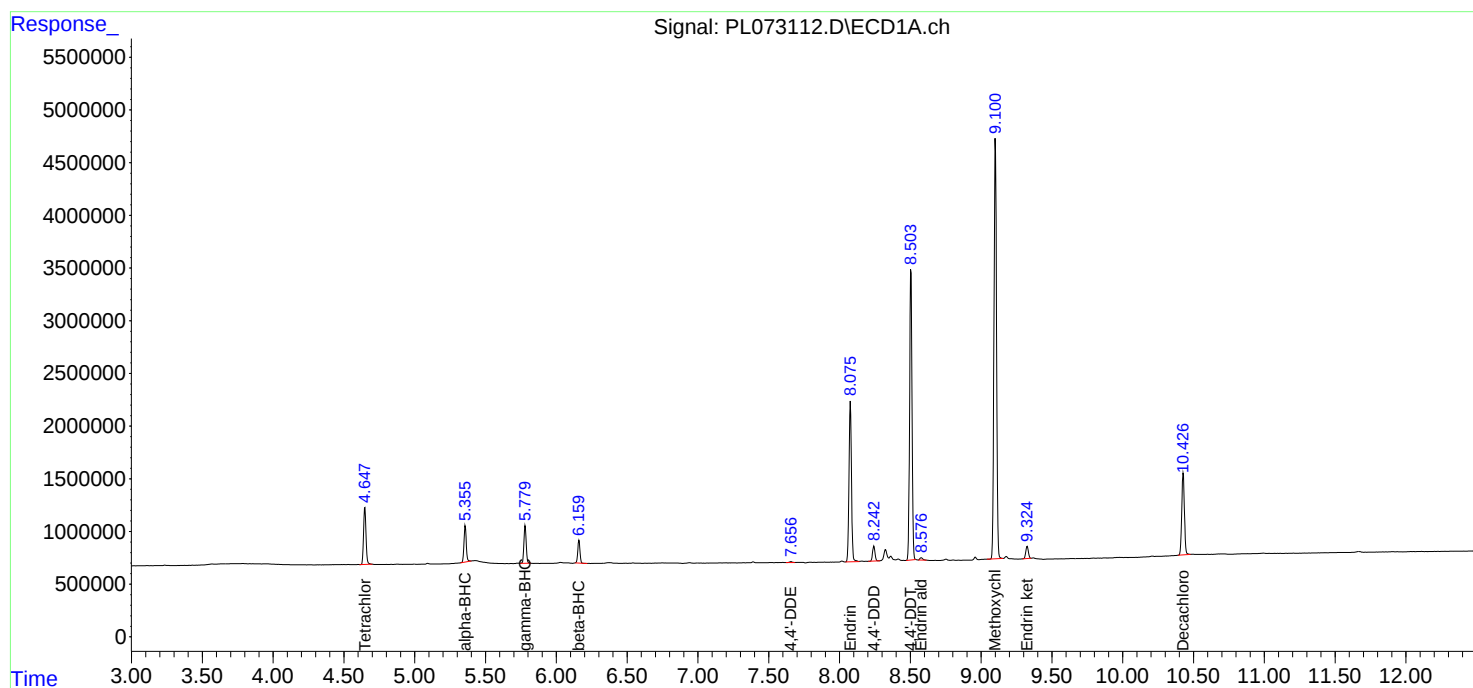
Instrument :
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ClientSampleId :
PEM

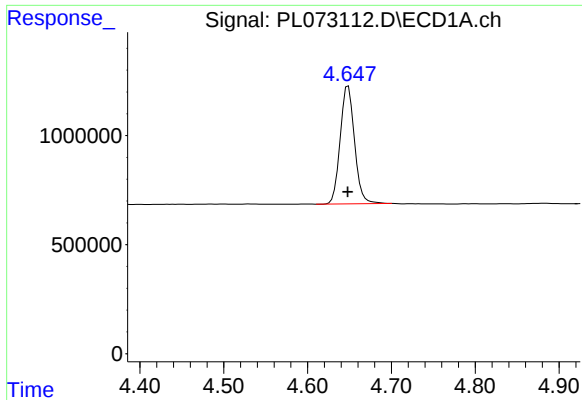
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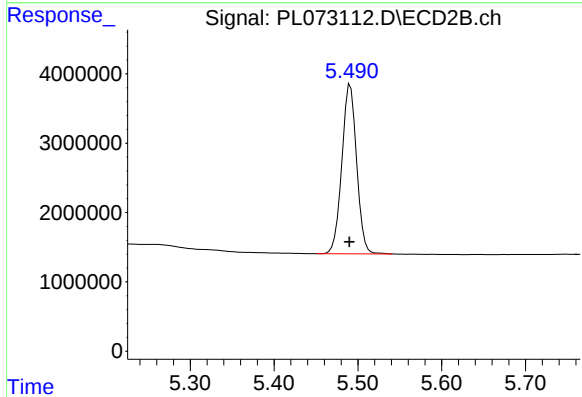
#1 Tetrachloro-m-xylene

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 6422302
Conc: 20.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

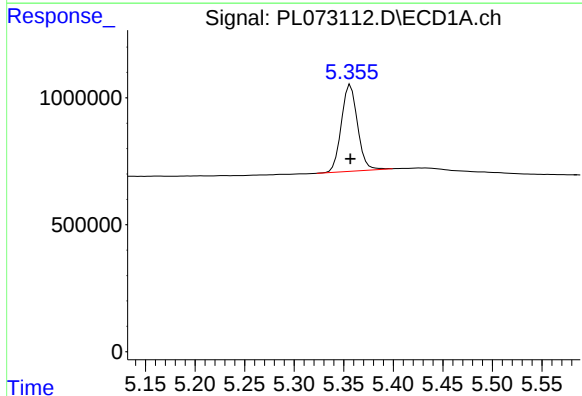
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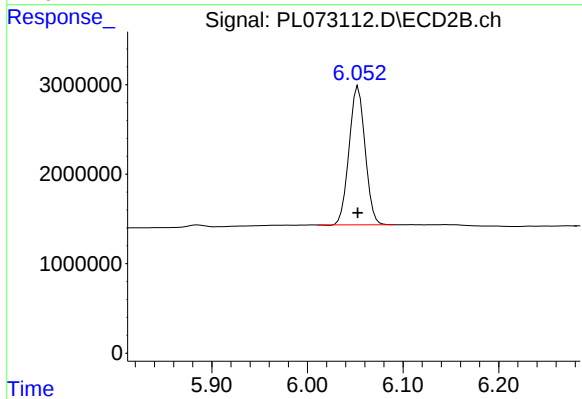
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 29964422
Conc: 20.65 ng/ml



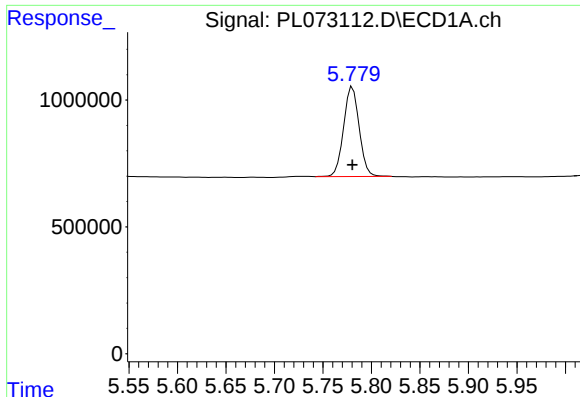
#2 alpha-BHC

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 3914307
Conc: 9.29 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 18090932
Conc: 9.17 ng/ml



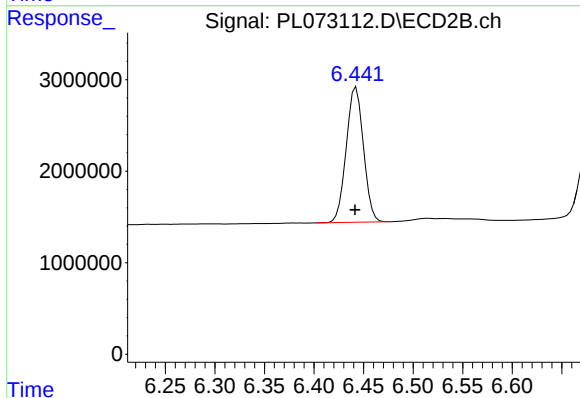
#3 gamma-BHC (Lindane)

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 3956339
Conc: 8.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

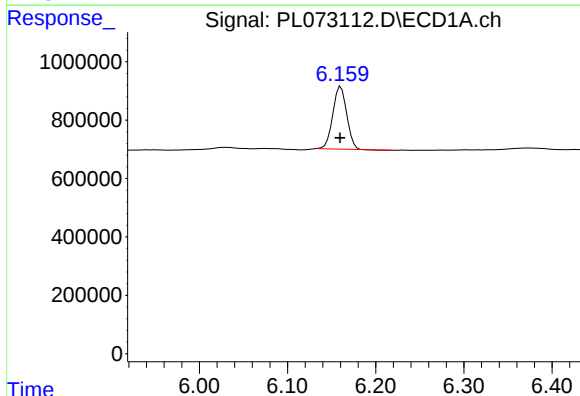
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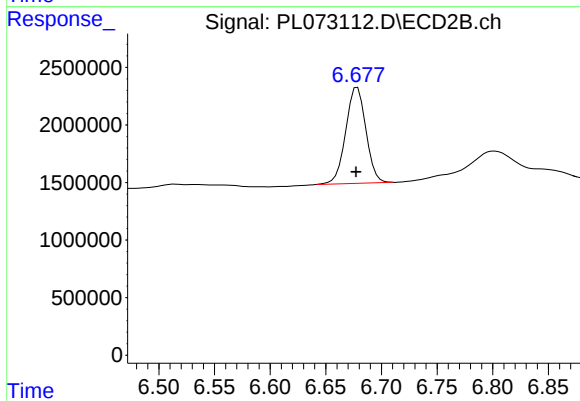
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 17865593
Conc: 9.56 ng/ml



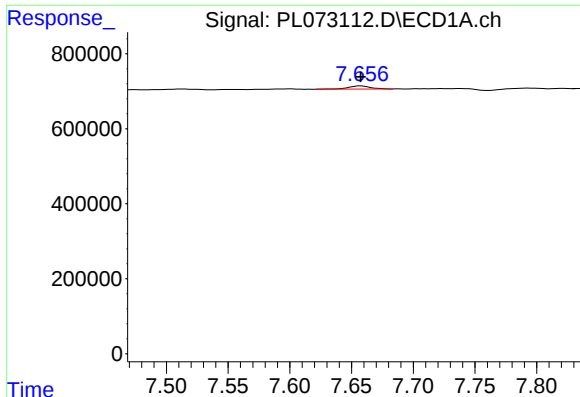
#6 beta-BHC

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 2359767
Conc: 10.60 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.001 min
Response: 10585110
Conc: 11.74 ng/ml



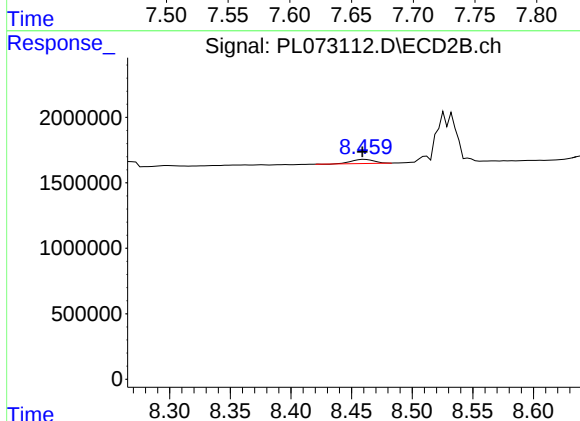
#12 4,4'-DDE

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 102380
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

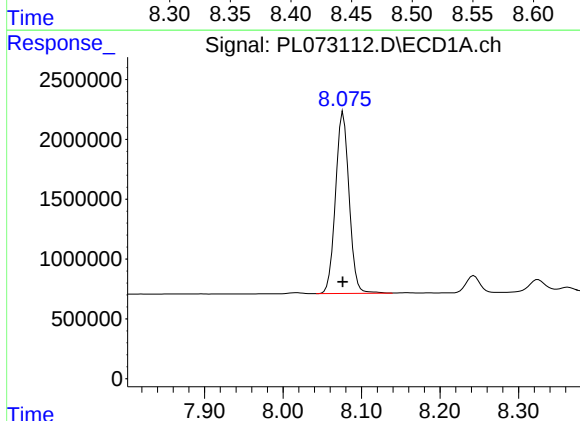
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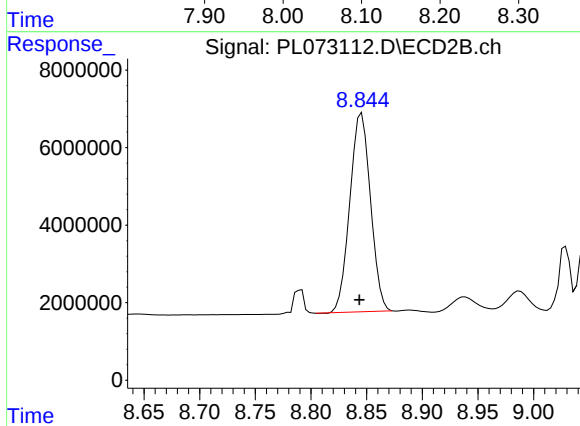
#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.002 min
Response: 387259
Conc: 0.25 ng/ml



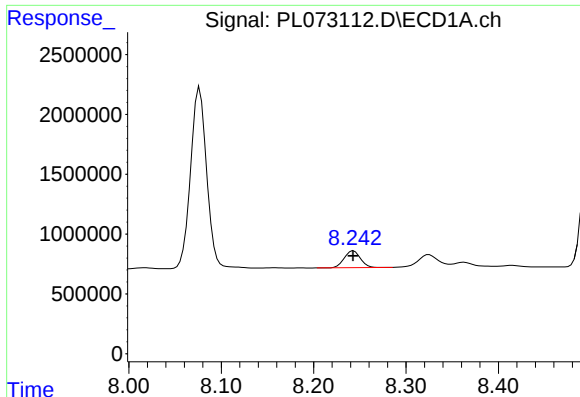
#14 Endrin

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 18312384
Conc: 46.12 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.002 min
Response: 66283528
Conc: 50.07 ng/ml



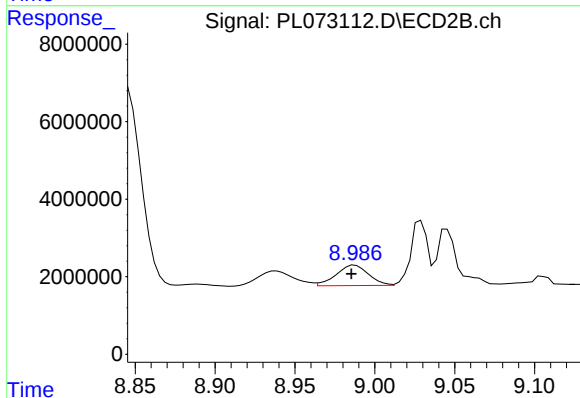
#16 4,4'-DDD

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 1728502
Conc: 4.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

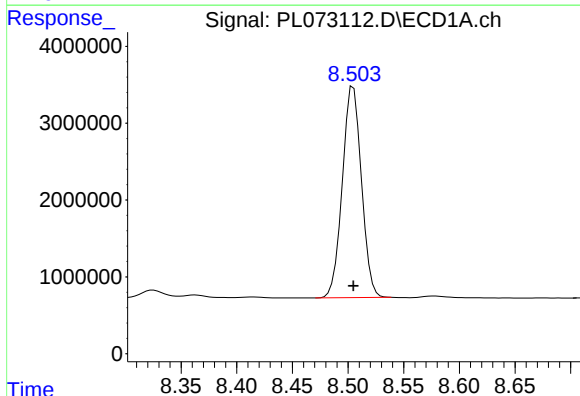
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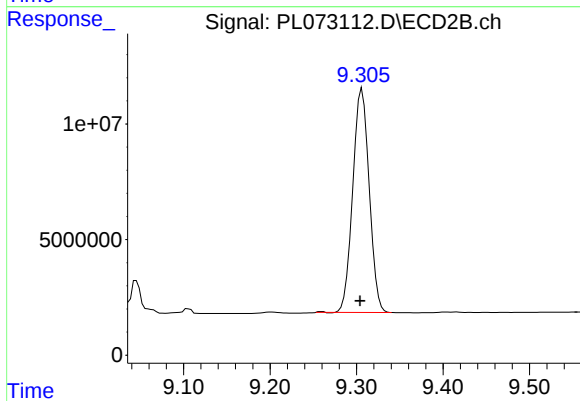
#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.002 min
Response: 7432804
Conc: 5.59 ng/ml



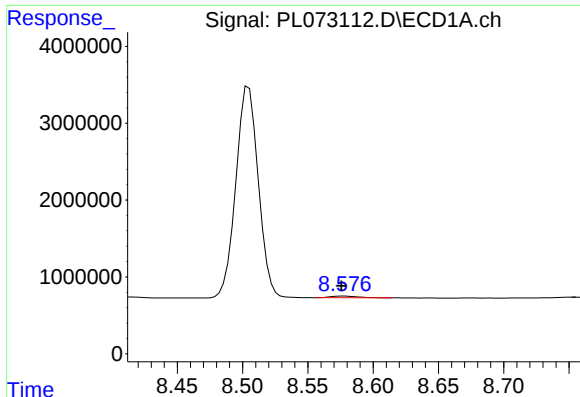
#17 4,4'-DDT

R.T.: 8.505 min
Delta R.T.: 0.000 min
Response: 32870686
Conc: 86.38 ng/ml



#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.002 min
Response: 127745929
Conc: 93.13 ng/ml



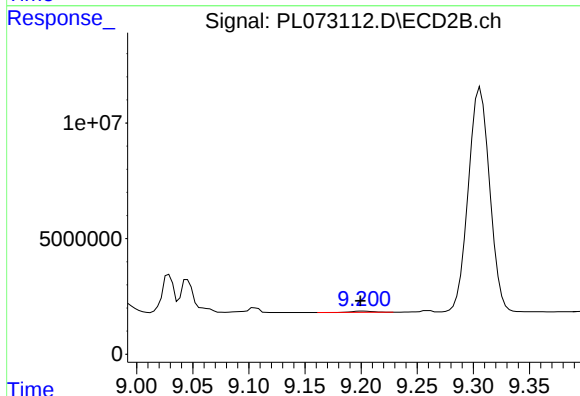
#18 Endrin aldehyde

R.T.: 8.576 min
Delta R.T.: 0.000 min
Response: 306264
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

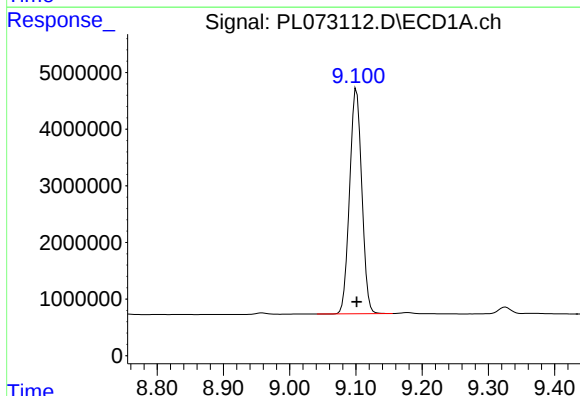
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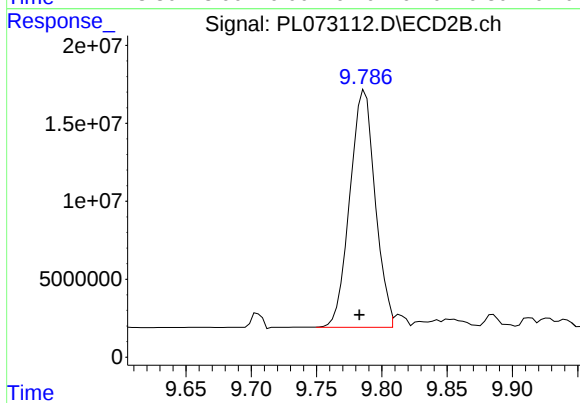
#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.003 min
Response: 672342
Conc: 0.62 ng/ml



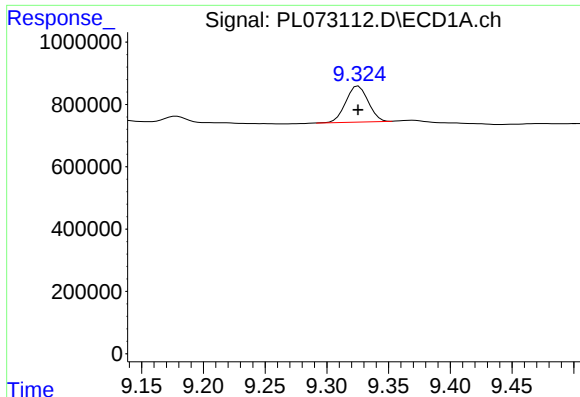
#20 Methoxychlor

R.T.: 9.101 min
Delta R.T.: 0.000 min
Response: 50855049
Conc: 203.61 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.003 min
Response: 204527658
Conc: 261.24 ng/ml m



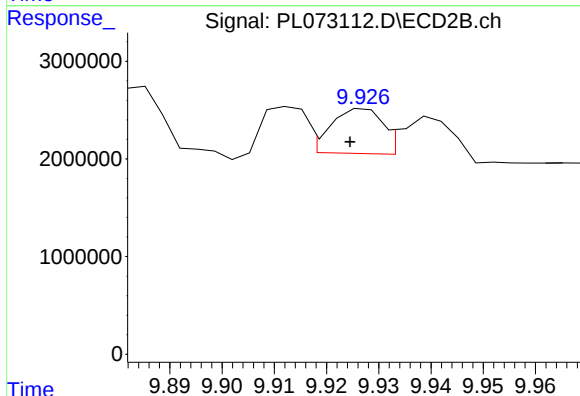
#21 Endrin ketone

R.T.: 9.326 min
Delta R.T.: 0.000 min
Response: 1463198
Conc: 2.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

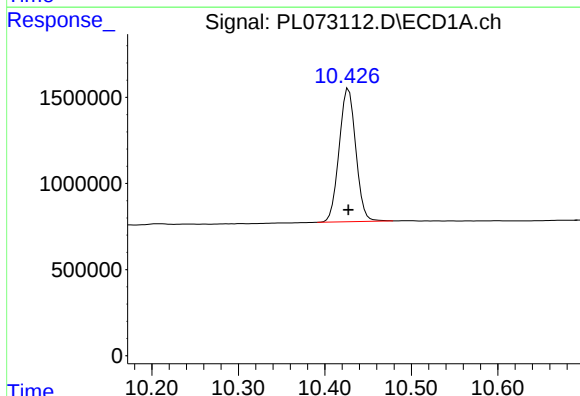
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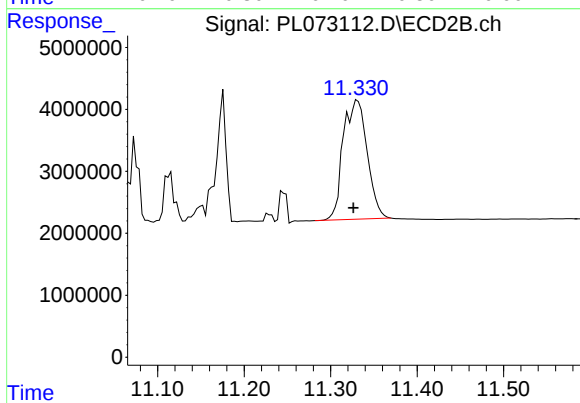
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: 0.002 min
Response: 3275446
Conc: 2.23 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: 0.000 min
Response: 10275648
Conc: 21.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.005 min
Response: 36938487
Conc: 23.42 ng/ml