

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022822\
 Data File : PL073018.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2022 09:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/01/2022
 Supervised By : Ankita Jodhani 03/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 02:19:08 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...	4.649	5.490	6086872	27530037	18.994	18.971
28)	SA Decachlor...	10.428	11.327	9385992	30514772	20.053	19.343
Target Compounds							
2)	A alpha-BHC	5.358	6.052	3669394	16317192	8.708	8.273
3)	MA gamma-BHC...	5.781	6.442	3868402	15973996	8.748	8.544
6)	B beta-BHC	6.160	6.677	2410337	9354283	10.823m	10.373
12)	B 4,4'-DDE	7.659	8.458	99351	293245	0.256m	0.188m#
14)	MA Endrin	8.077	8.844	17784920	59928566	44.790	45.272
16)	A 4,4'-DDD	8.244	8.984	267606	1109687	0.768m	0.834m
17)	MA 4,4'-DDT	8.506	9.304	35601797	123.5E6	93.554	90.005
18)	B Endrin al...	8.577	9.201	371316	566072	1.157m	0.520 #
20)	A Methoxychlor	9.102	9.784	52013110	166.7E6	208.247	212.925
21)	B Endrin ke...	9.327	9.926	1107224	1944813	2.233	1.326 #

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

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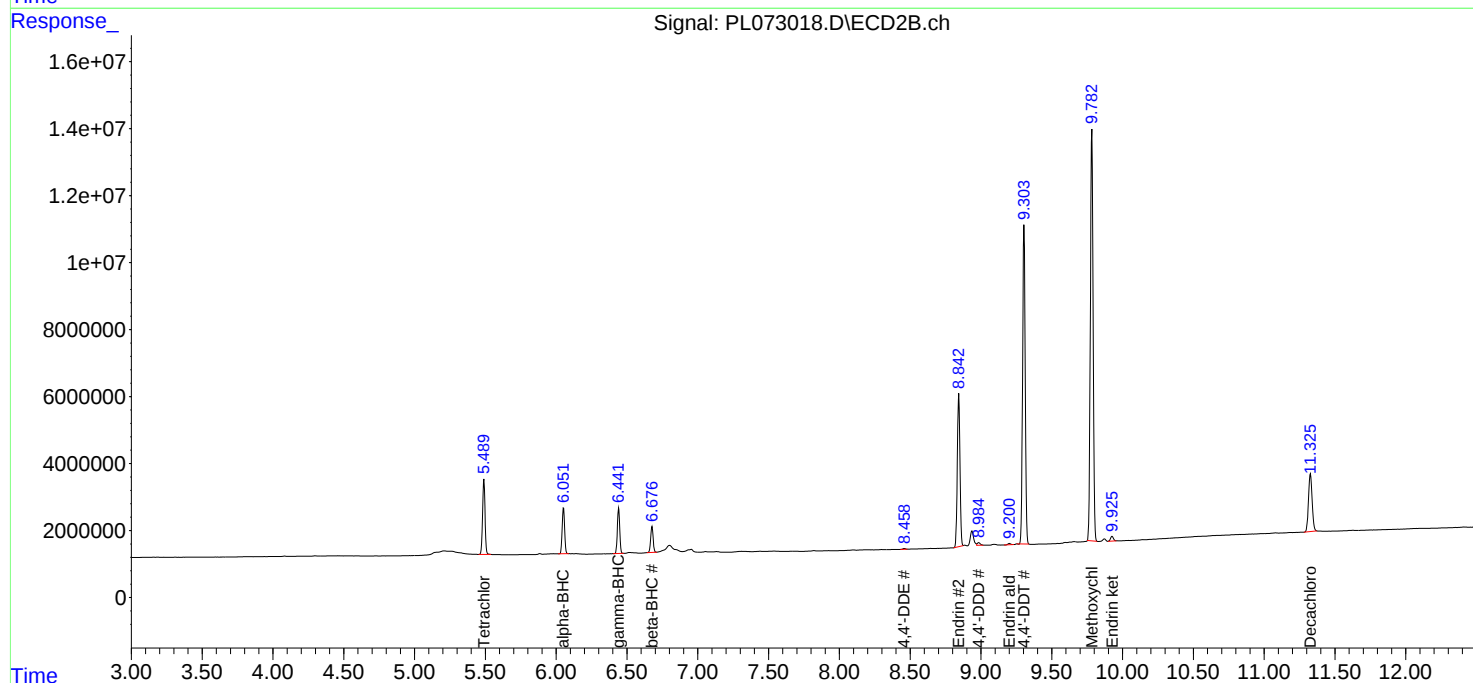
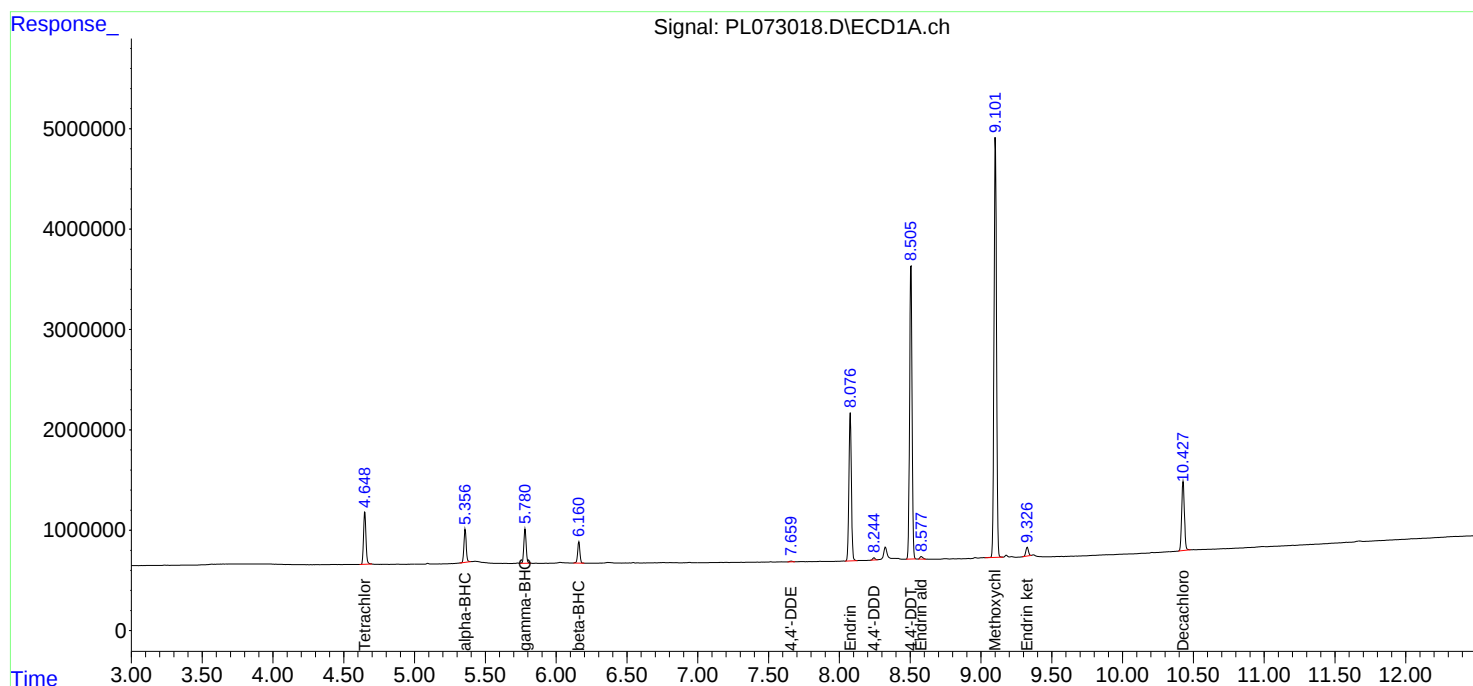
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PEM

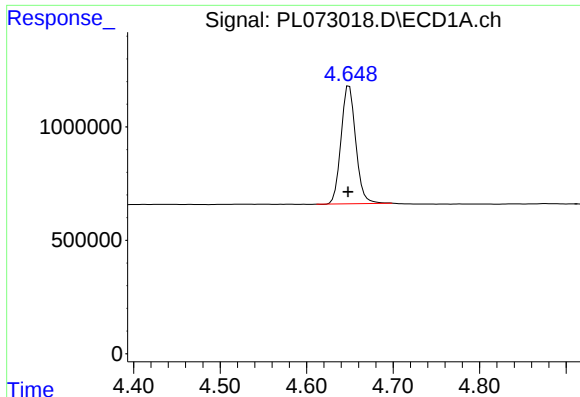
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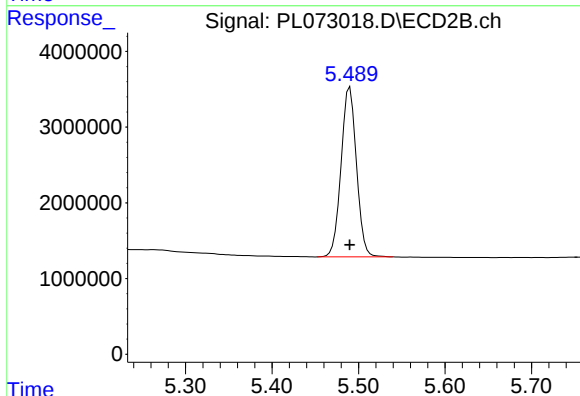
#1 Tetrachloro-m-xylene

R.T.: 4.649 min
Delta R.T.: 0.001 min
Response: 6086872
Conc: 18.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

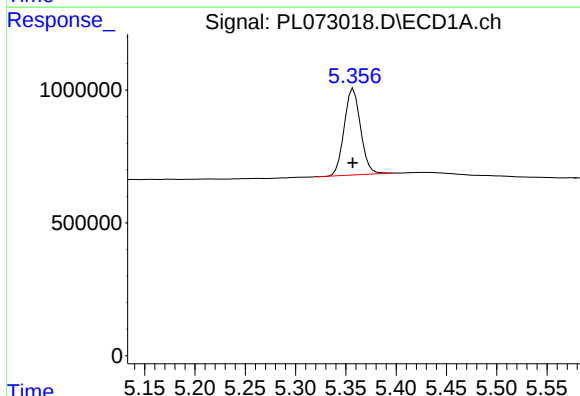
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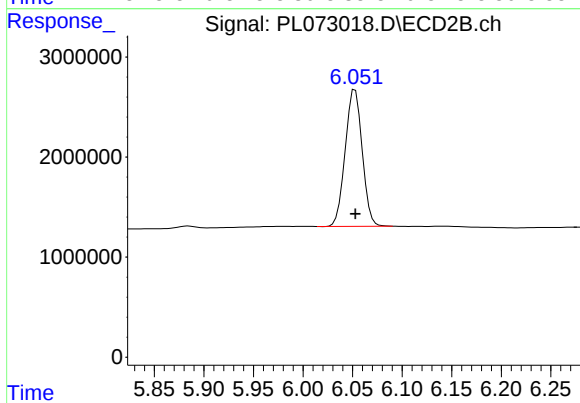
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 27530037
Conc: 18.97 ng/ml



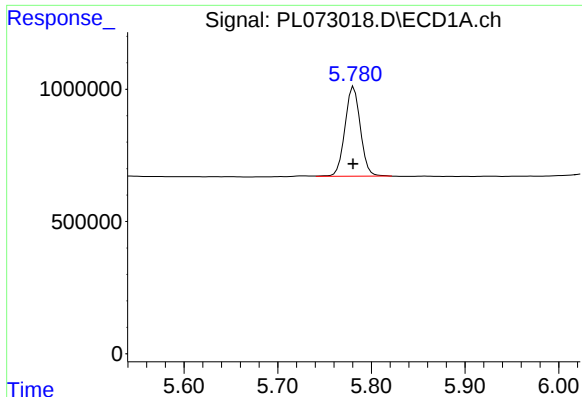
#2 alpha-BHC

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 3669394
Conc: 8.71 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 16317192
Conc: 8.27 ng/ml



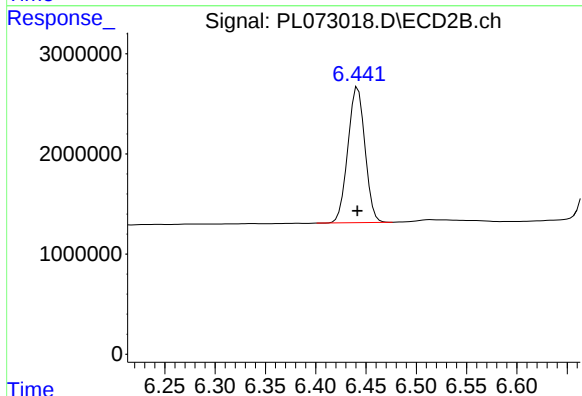
#3 gamma-BHC (Lindane)

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 3868402
Conc: 8.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

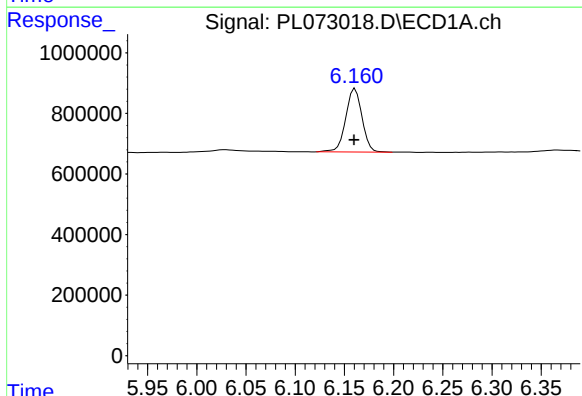
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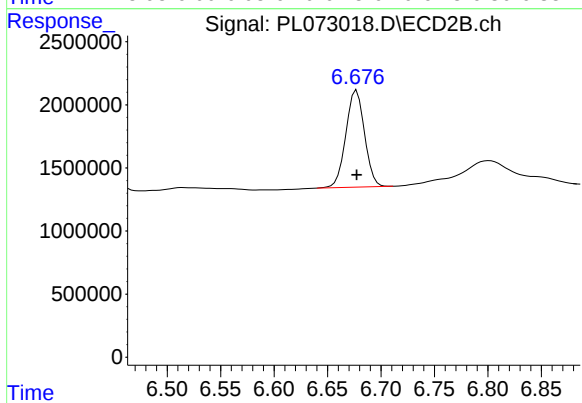
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 15973996
Conc: 8.54 ng/ml



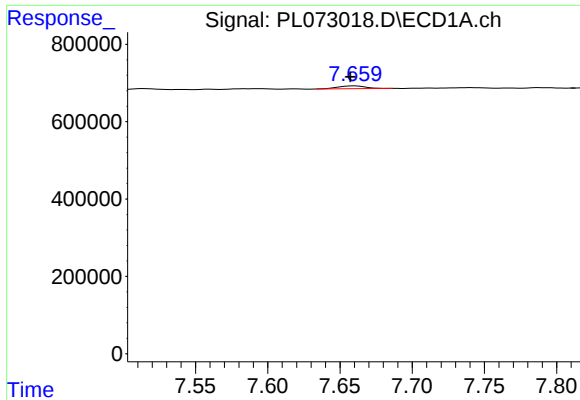
#6 beta-BHC

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 2410337
Conc: 10.82 ng/ml m



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 9354283
Conc: 10.37 ng/ml



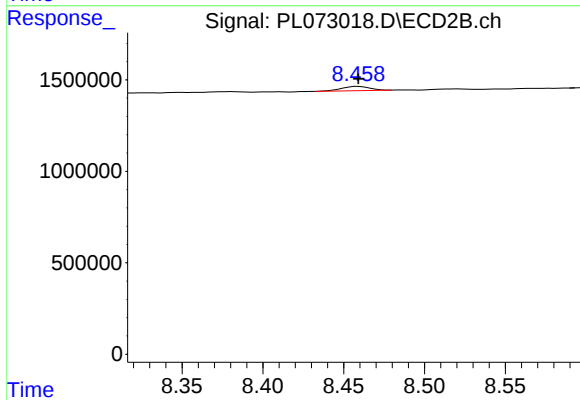
#12 4,4'-DDE

R.T.: 7.659 min
Delta R.T.: 0.001 min
Response: 99351
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

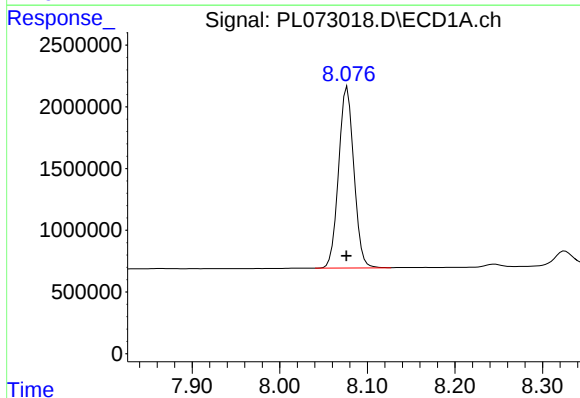
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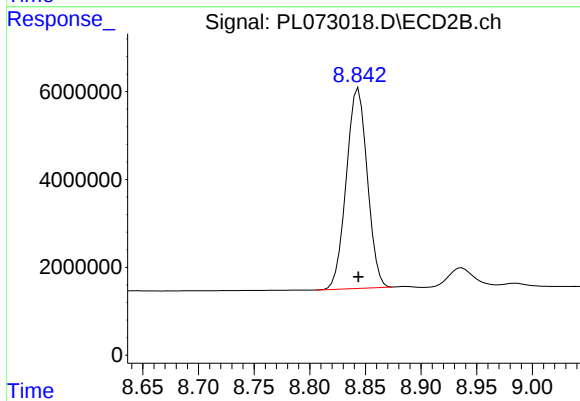
#12 4,4'-DDE

R.T.: 8.458 min
Delta R.T.: -0.002 min
Response: 293245
Conc: 0.19 ng/ml m



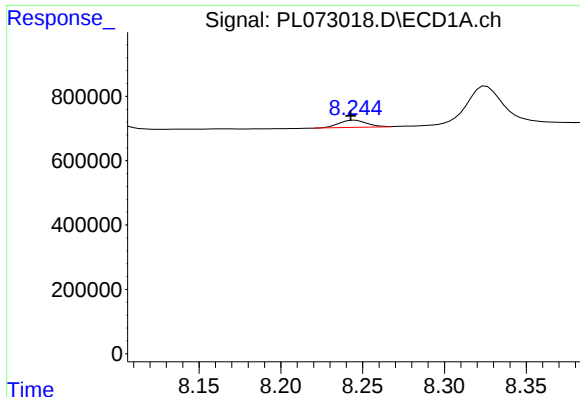
#14 Endrin

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 17784920
Conc: 44.79 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: 0.000 min
Response: 59928566
Conc: 45.27 ng/ml



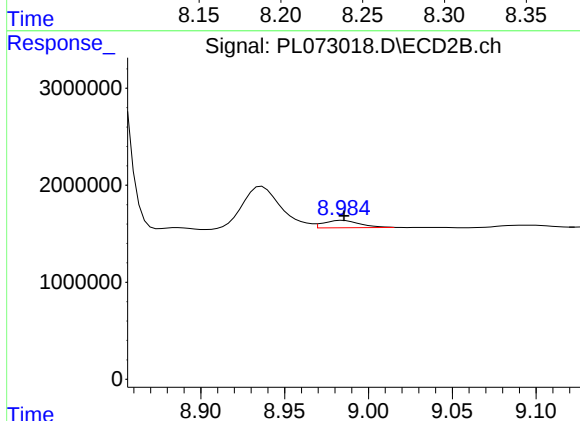
#16 4,4'-DDD

R.T.: 8.244 min
Delta R.T.: 0.001 min
Response: 267606
Conc: 0.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

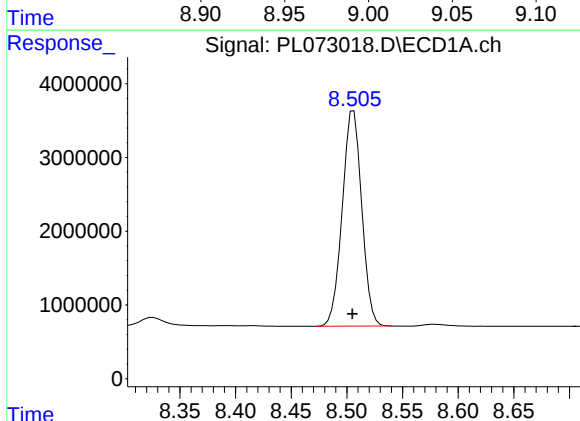
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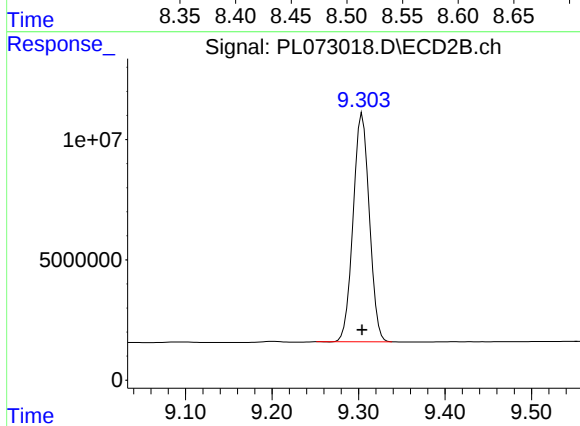
#16 4,4'-DDD

R.T.: 8.984 min
Delta R.T.: -0.002 min
Response: 1109687
Conc: 0.83 ng/ml m



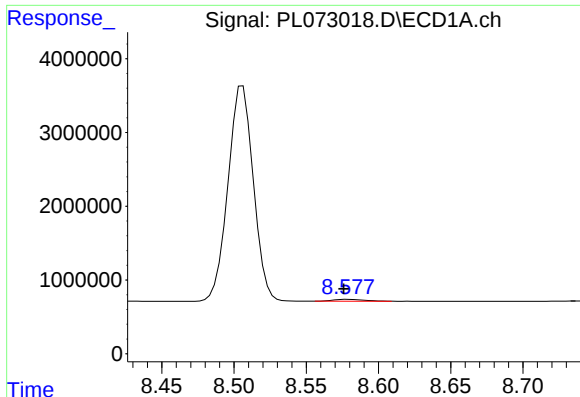
#17 4,4'-DDT

R.T.: 8.506 min
Delta R.T.: 0.001 min
Response: 35601797
Conc: 93.55 ng/ml



#17 4,4'-DDT

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 123457176
Conc: 90.00 ng/ml



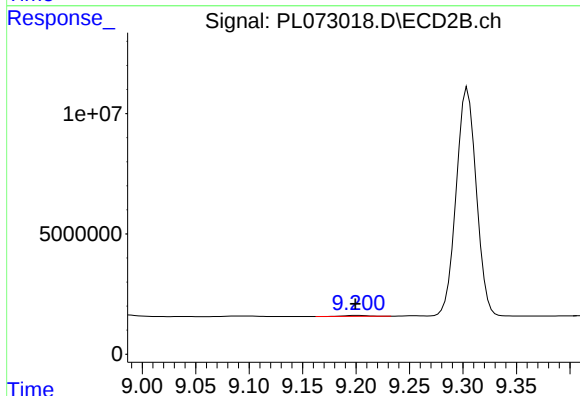
#18 Endrin aldehyde

R.T.: 8.577 min
Delta R.T.: 0.001 min
Response: 371316
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

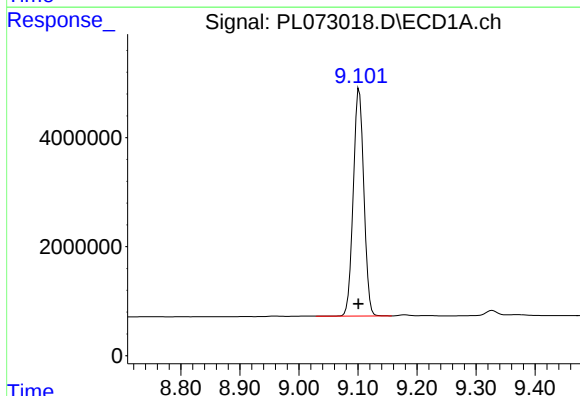
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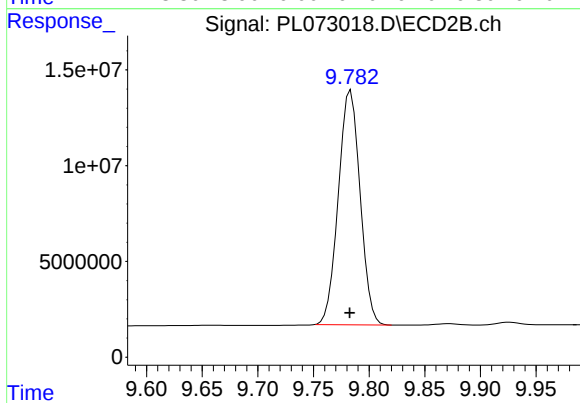
#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.002 min
Response: 566072
Conc: 0.52 ng/ml



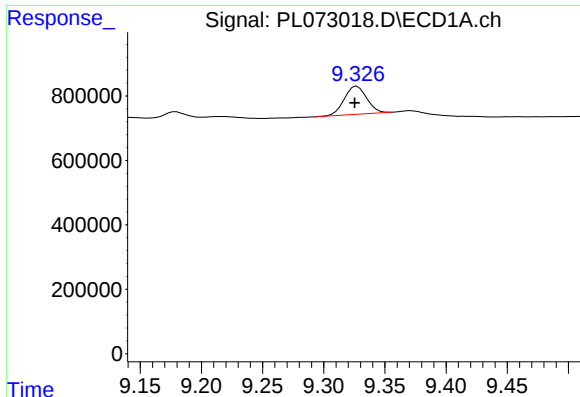
#20 Methoxychlor

R.T.: 9.102 min
Delta R.T.: 0.001 min
Response: 52013110
Conc: 208.25 ng/ml



#20 Methoxychlor

R.T.: 9.784 min
Delta R.T.: 0.000 min
Response: 166698623
Conc: 212.93 ng/ml



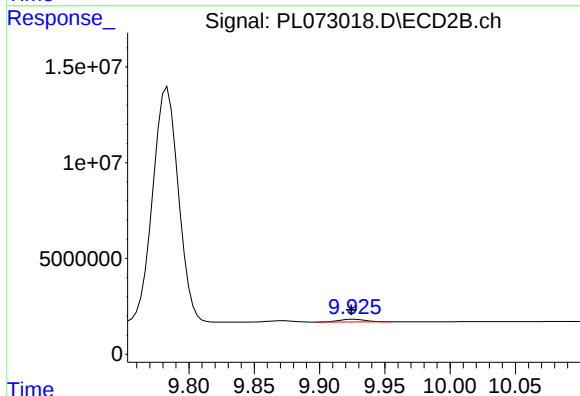
#21 Endrin ketone

R.T.: 9.327 min
Delta R.T.: 0.002 min
Response: 1107224
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

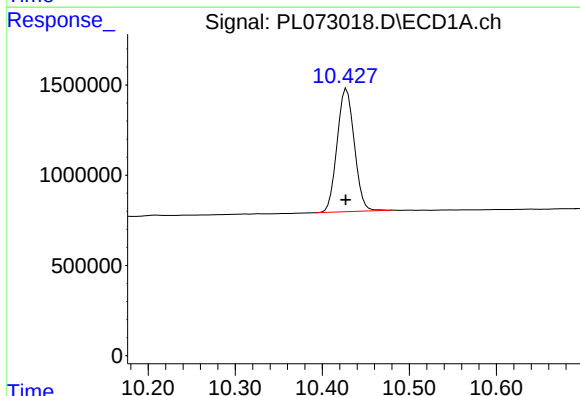
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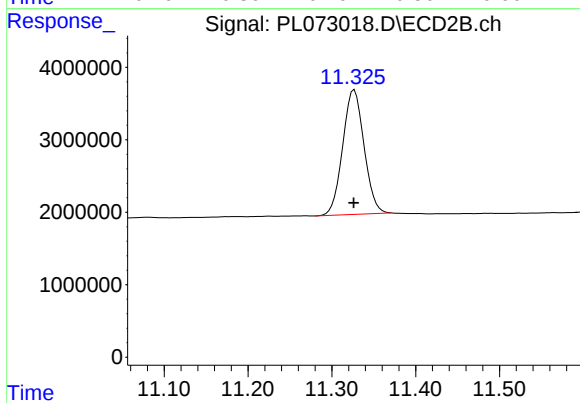
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: 0.002 min
Response: 1944813
Conc: 1.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: 0.000 min
Response: 9385992
Conc: 20.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.327 min
Delta R.T.: 0.000 min
Response: 30514772
Conc: 19.34 ng/ml