

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050422\
 Data File : PL074507.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 11:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:23:42 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	5.488	7275473	39763848	22.517	22.302
28)	SA Decachlor...	10.402	11.331	11705599	40467745	22.509m	22.911
Target Compounds							
2)	A alpha-BHC	5.341	6.051	4434085	25218608	10.566	10.015
3)	MA gamma-BHC...	5.765	6.441	4551873	24679863	10.853	10.426
6)	B beta-BHC	6.144	6.678	2486862	13793056	12.171m	12.239
12)	B 4,4'-DDE	7.638	8.458	138412	631939	0.379	0.317m
14)	MA Endrin	8.058	8.845	22838768	98337823	56.221	58.062
16)	A 4,4'-DDD	8.223	8.988	727858	3862166	2.254	2.510
17)	MA 4,4'-DDT	8.485	9.306	42659543	193.1E6	115.409	108.943
18)	B Endrin al...	8.558	9.201	320588	730858	0.991	0.566m#
20)	A Methoxychlor	9.079	9.787	59468950	239.2E6	239.535	248.692
21)	B Endrin ke...	9.306	9.928	1025409	2856840	2.099	1.650

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

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ALS Vial : 3 Sample Multiplier: 1

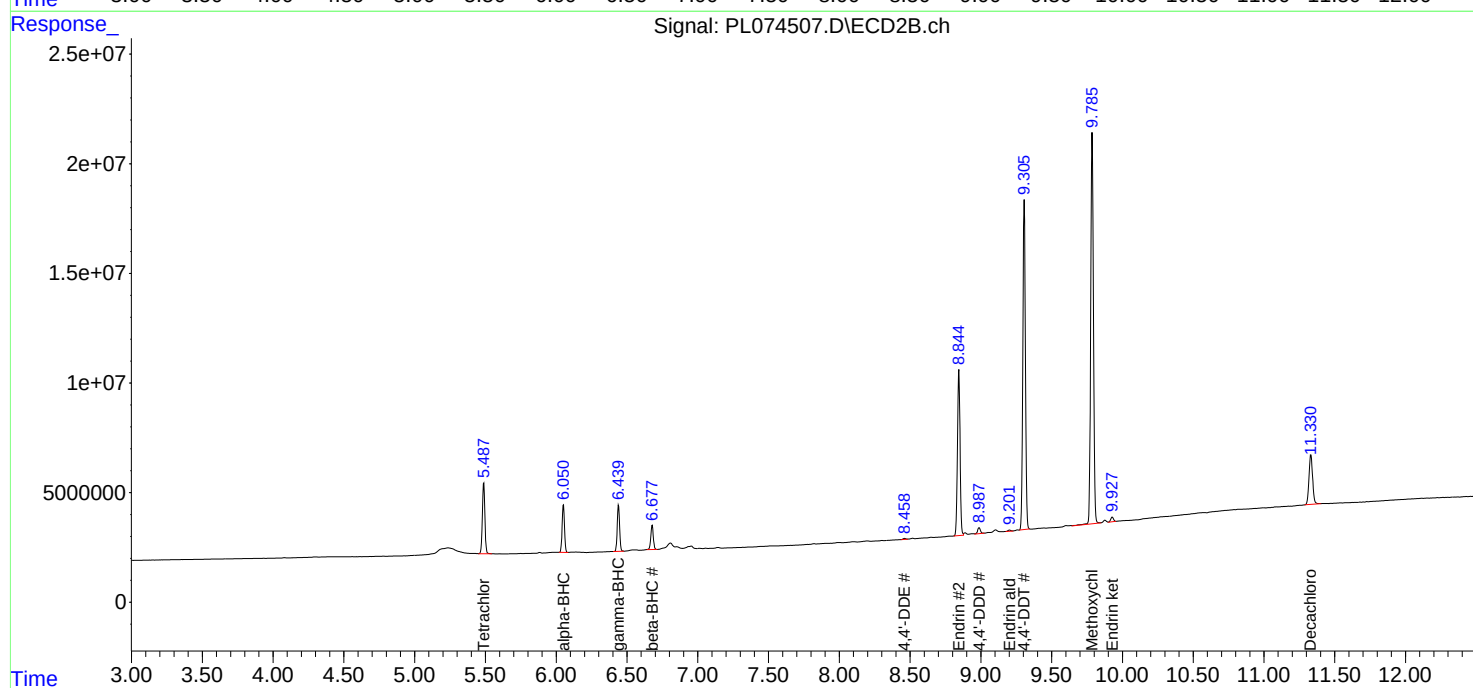
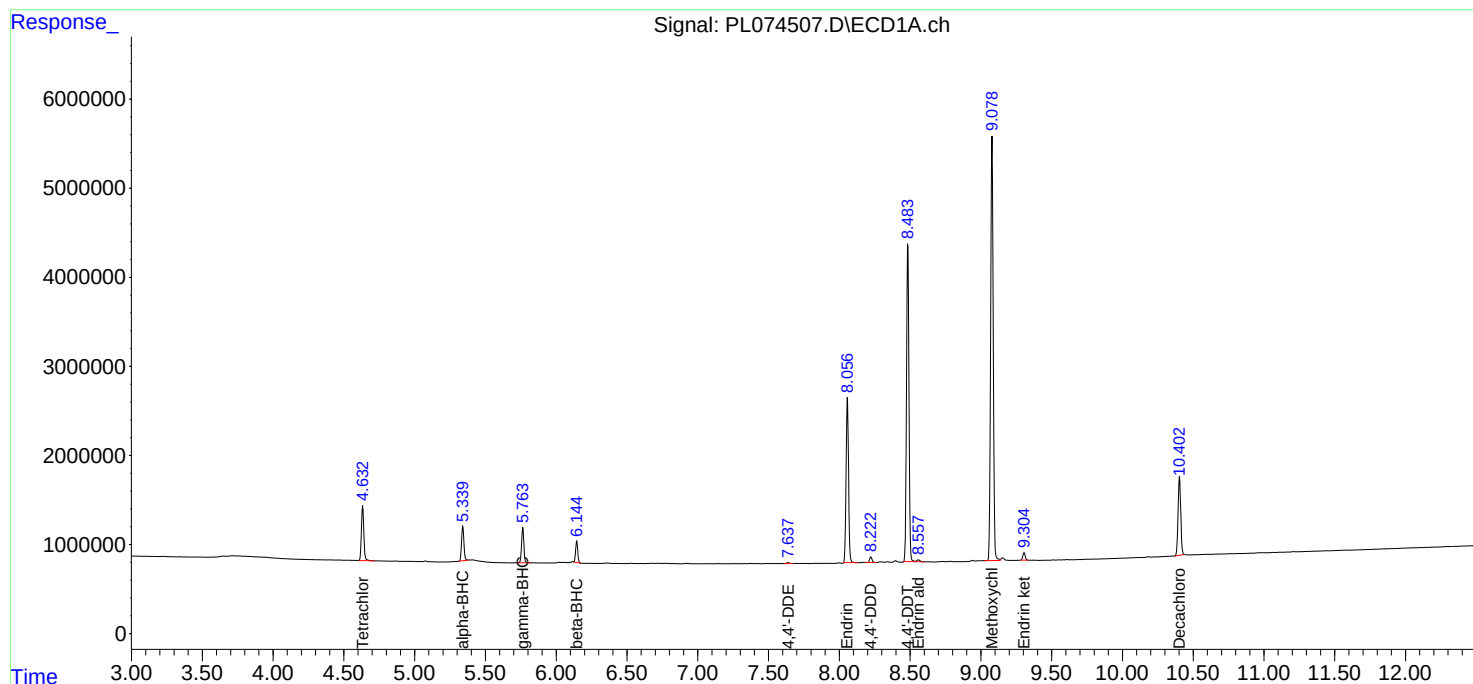
Instrument :
ECD_L
ClientSampleId :
PEM

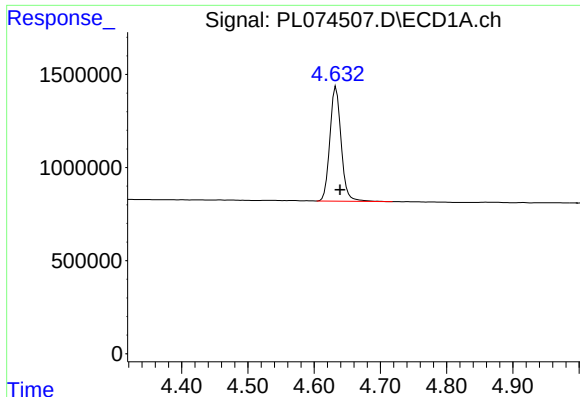
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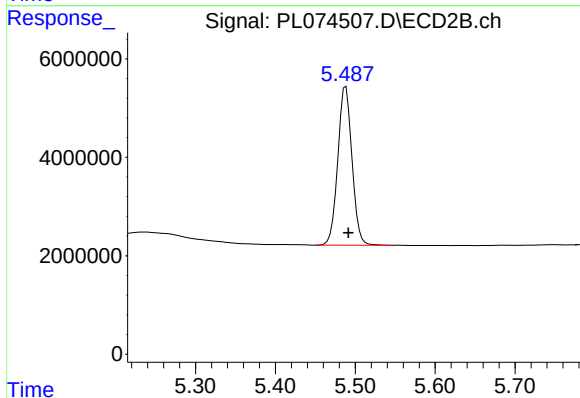
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 7275473
Conc: 22.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

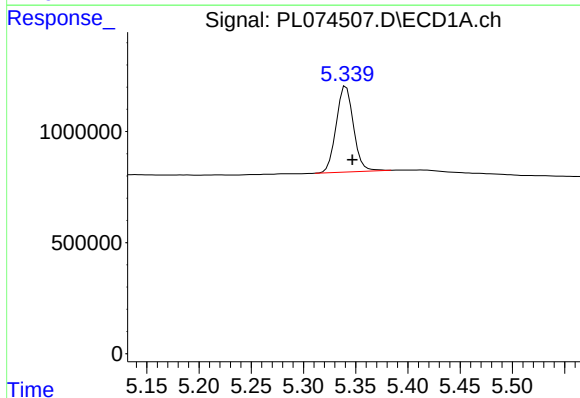
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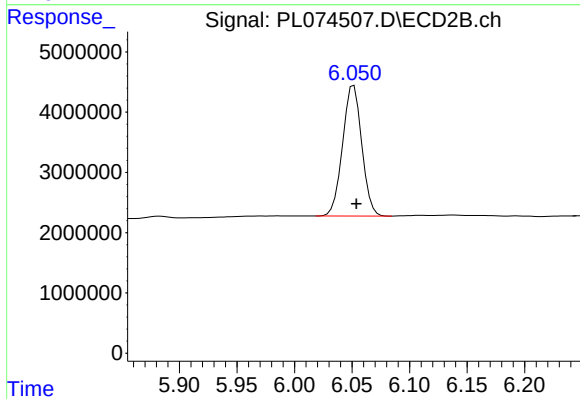
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 39763848
Conc: 22.30 ng/ml



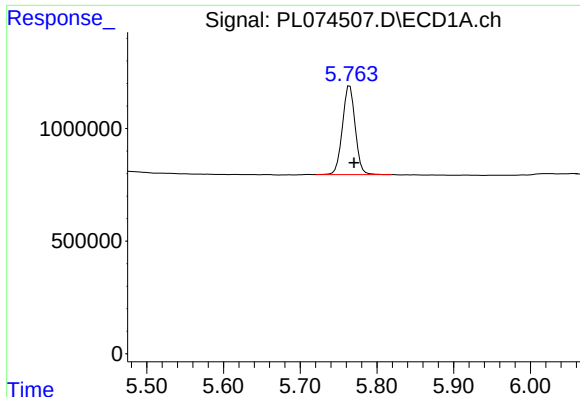
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 4434085
Conc: 10.57 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 25218608
Conc: 10.01 ng/ml



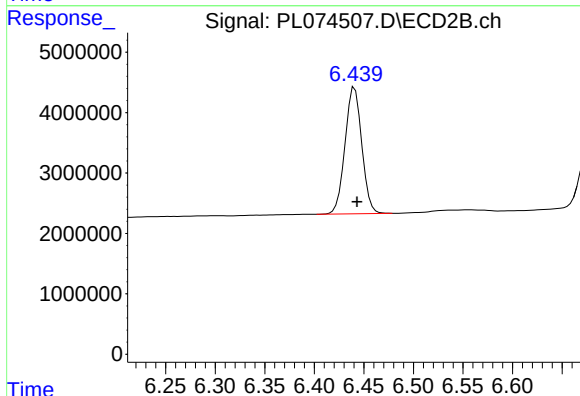
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.006 min
Response: 4551873
Conc: 10.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

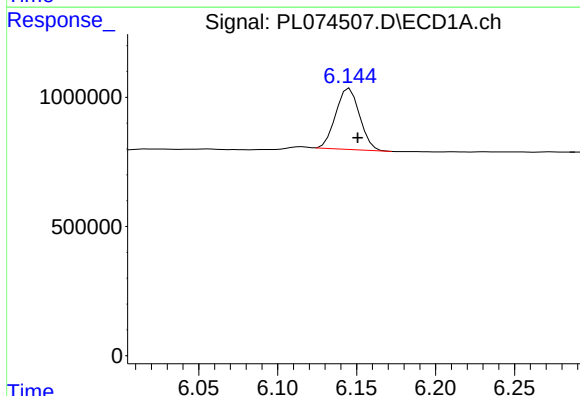
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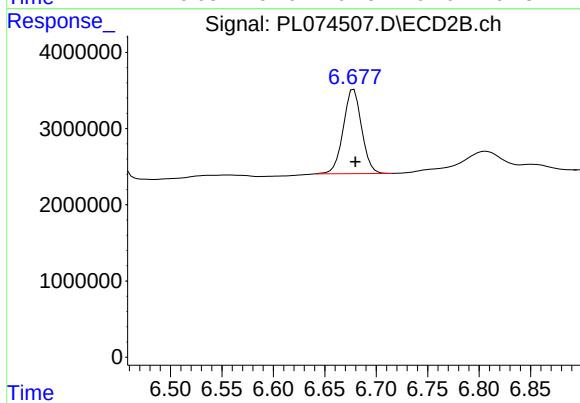
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 24679863
Conc: 10.43 ng/ml



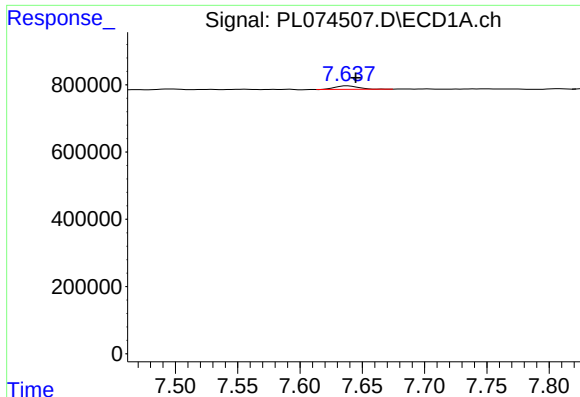
#6 beta-BHC

R.T.: 6.144 min
Delta R.T.: -0.007 min
Response: 2486862
Conc: 12.17 ng/ml m



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 13793056
Conc: 12.24 ng/ml



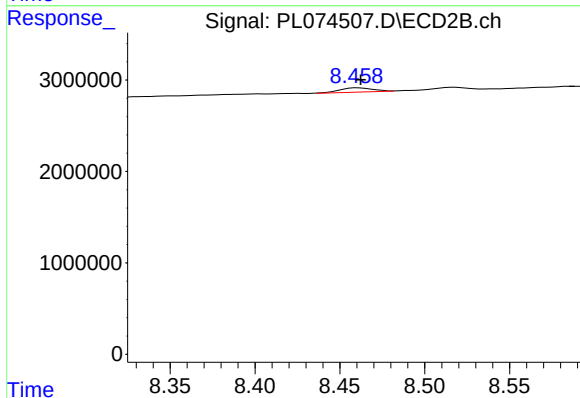
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 138412
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

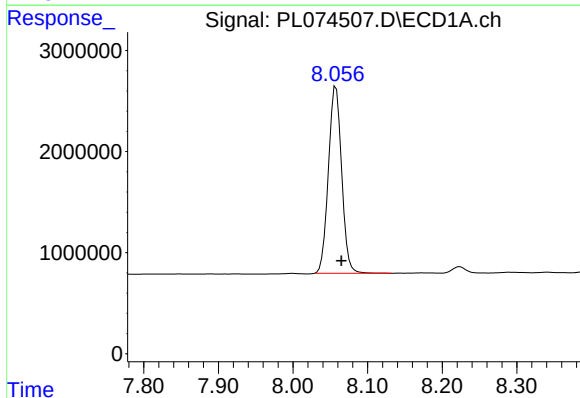
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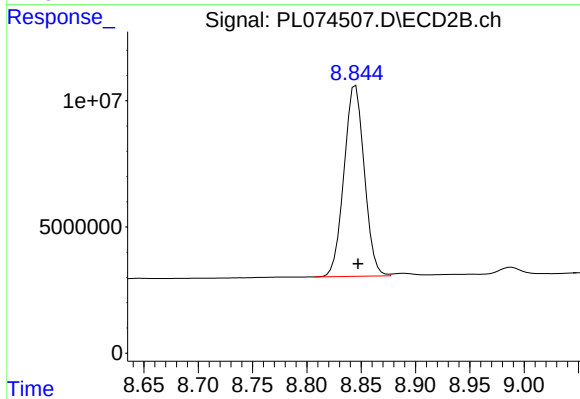
#12 4,4'-DDE

R.T.: 8.458 min
Delta R.T.: -0.004 min
Response: 631939
Conc: 0.32 ng/ml m



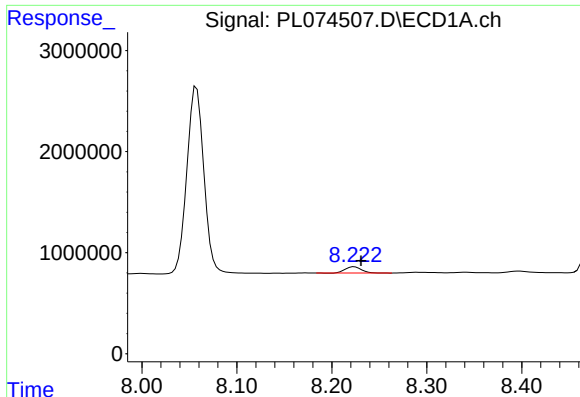
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 22838768
Conc: 56.22 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 98337823
Conc: 58.06 ng/ml



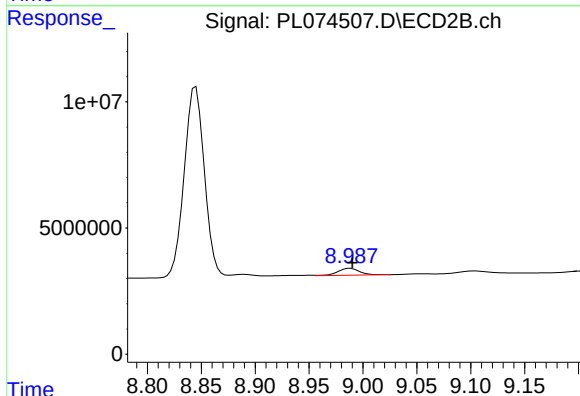
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.007 min
Response: 727858
Conc: 2.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

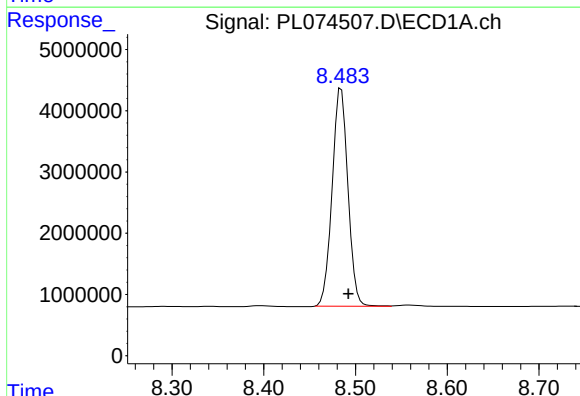
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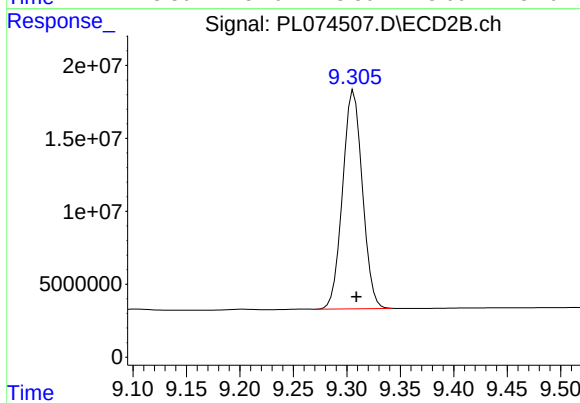
#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 3862166
Conc: 2.51 ng/ml



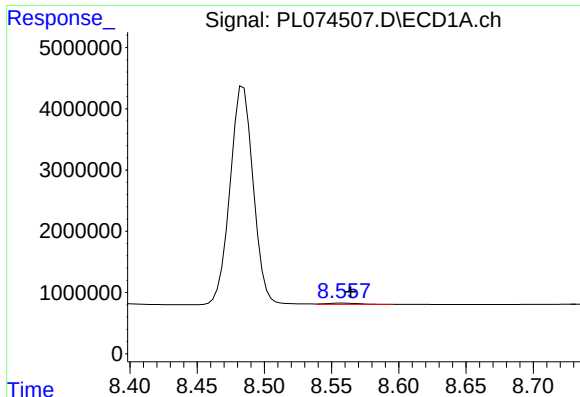
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.008 min
Response: 42659543
Conc: 115.41 ng/ml



#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.002 min
Response: 193119790
Conc: 108.94 ng/ml



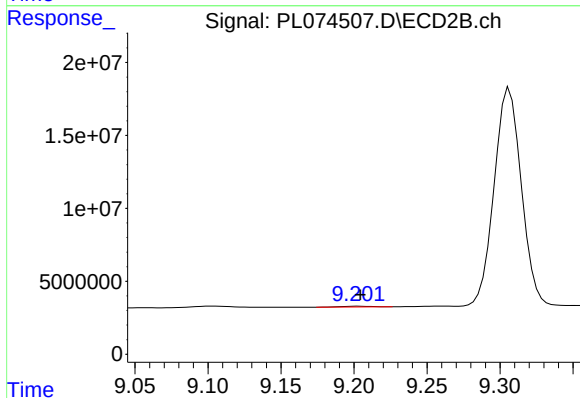
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.006 min
Response: 320588
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

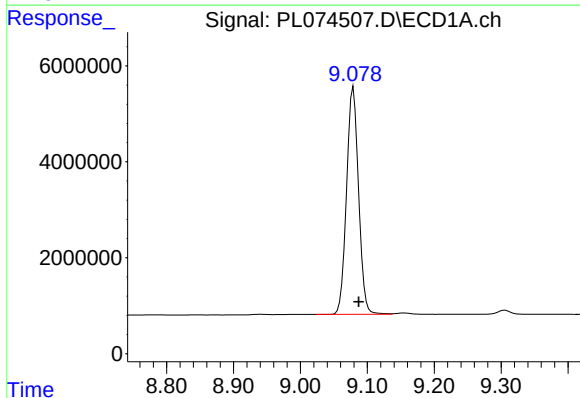
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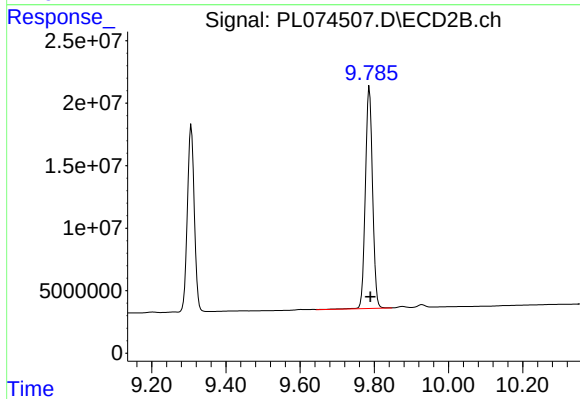
#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 730858
Conc: 0.57 ng/ml m



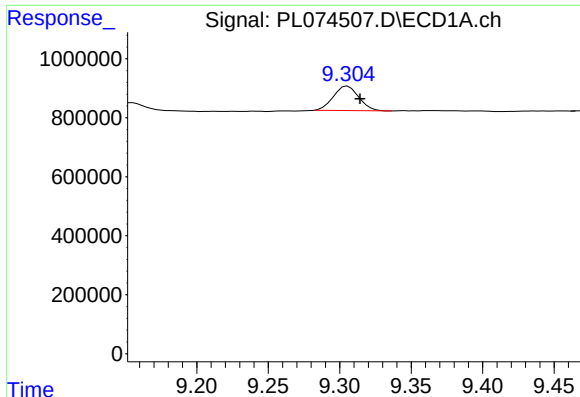
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 59468950
Conc: 239.53 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.003 min
Response: 239203736
Conc: 248.69 ng/ml



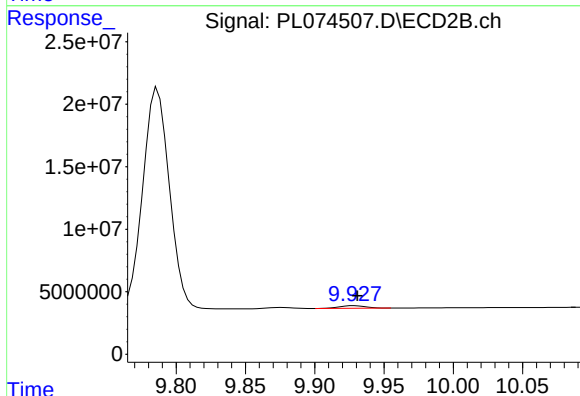
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.009 min
Response: 1025409
Conc: 2.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

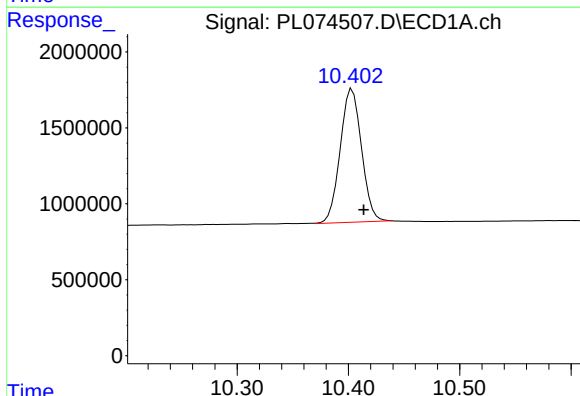
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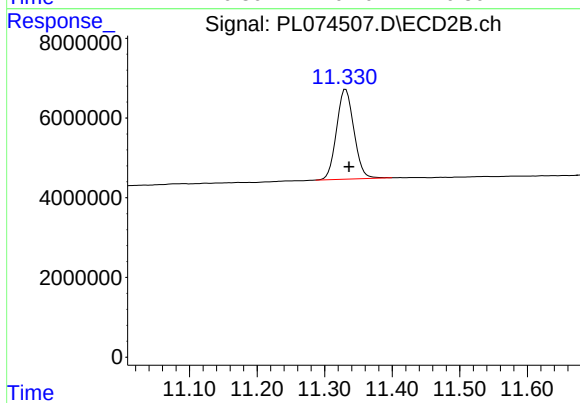
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.002 min
Response: 2856840
Conc: 1.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 11705599
Conc: 22.51 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 40467745
Conc: 22.91 ng/ml