

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071221\
 Data File : PL068058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2021 21:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 05:20:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071221.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 12 14:08:44 2021
 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...	4.673	5.581	10912433	21290957	19.716	20.819
28)	SA Decachlor...	10.471	11.505	10899431	16692179	19.640	21.421
Target Compounds							
2)	A alpha-BHC	5.380	6.162	6349796	12996903	8.703	9.819
3)	MA gamma-BHC...	5.803	6.557	6749568	12471239	9.414	10.010
6)	B beta-BHC	6.181	6.809	4155179	7821671	11.569	11.777
12)	B 4,4'-DDE	7.682	8.577	110208	118142	0.184m	0.129m#
14)	MA Endrin	8.104	8.978	29405133	43322441	52.793	55.004
16)	A 4,4'-DDD	8.269	9.119	535625	1034960	1.061m	1.330 #
17)	MA 4,4'-DDT	8.534	9.437	57687035	86055926	106.879	103.566
18)	B Endrin al...	8.614	9.344	169846	155211	0.407m	0.243m#
20)	A Methoxychlor	9.132	9.920	77655196	113.7E6	248.395m	259.859m
21)	B Endrin ke...	9.355	10.081	631611	781799	1.043m	0.901

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

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ALS Vial : 3 Sample Multiplier: 1

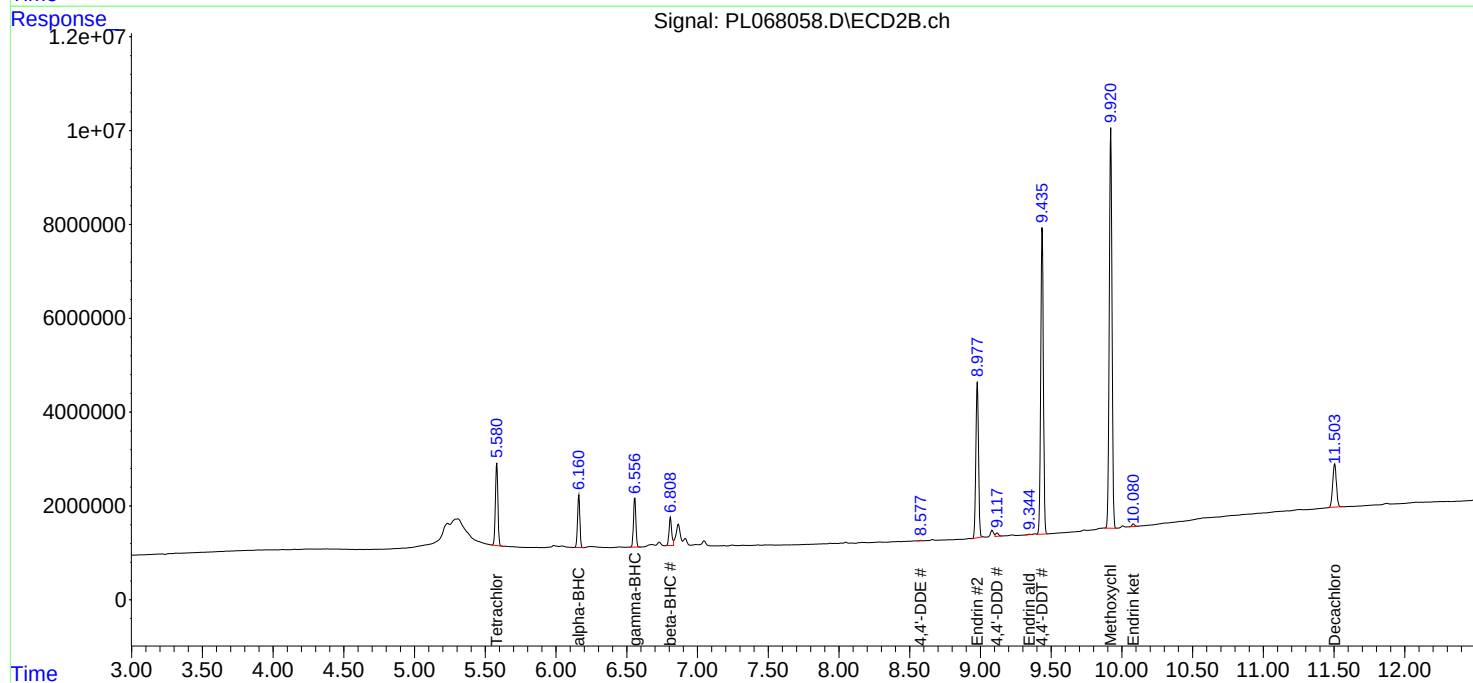
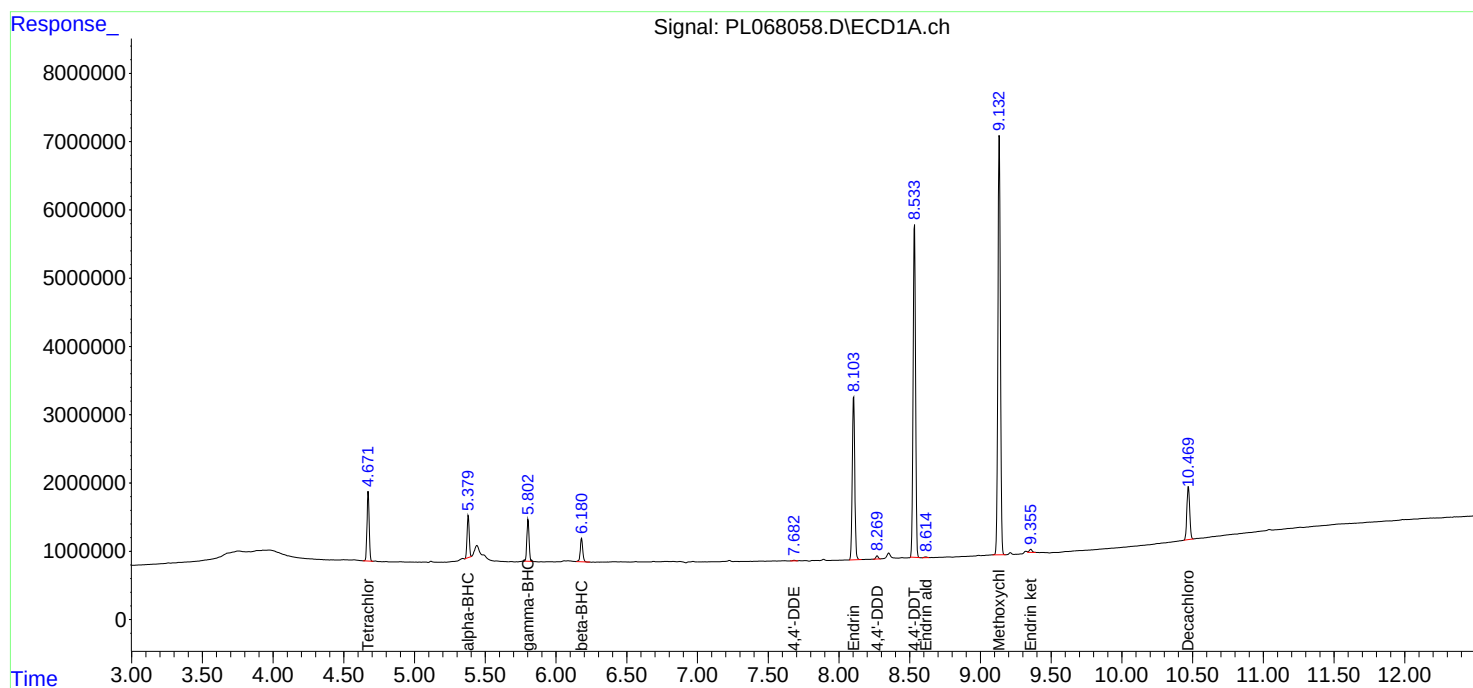
Instrument :
ECD_L
ClientSampleId :
PEM

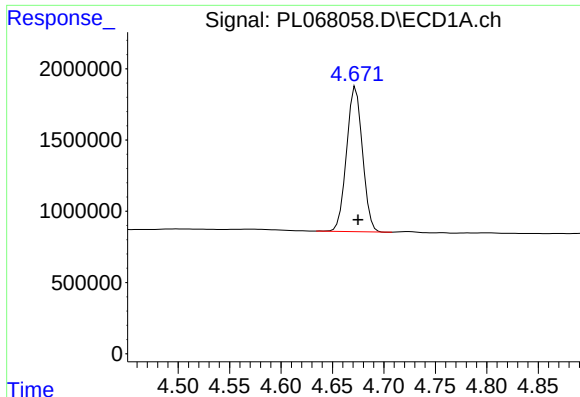
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Integration File signal 1: autoint1.e
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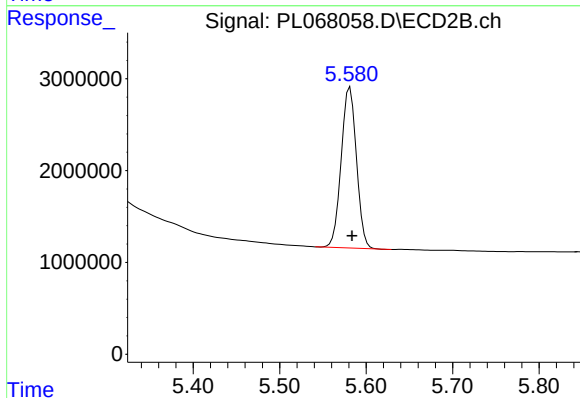
#1 Tetrachloro-m-xylene

R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 10912433
Conc: 19.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

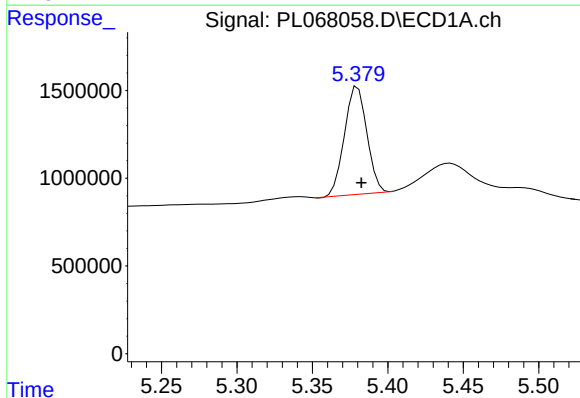
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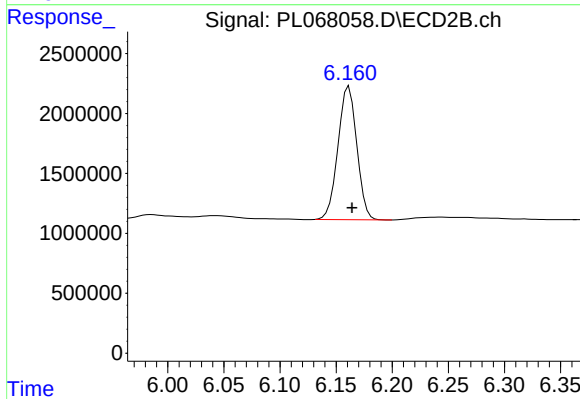
#1 Tetrachloro-m-xylene

R.T.: 5.581 min
Delta R.T.: -0.002 min
Response: 21290957
Conc: 20.82 ng/ml



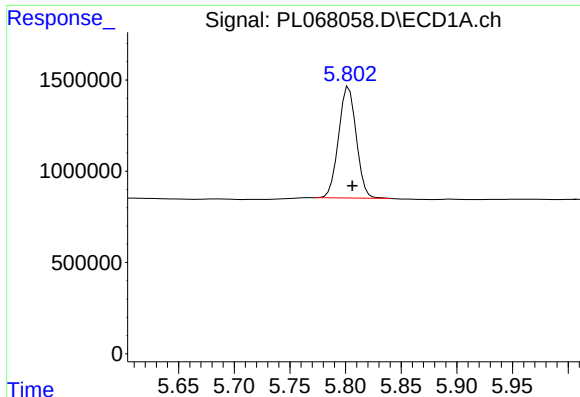
#2 alpha-BHC

R.T.: 5.380 min
Delta R.T.: -0.002 min
Response: 6349796
Conc: 8.70 ng/ml



#2 alpha-BHC

R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 12996903
Conc: 9.82 ng/ml



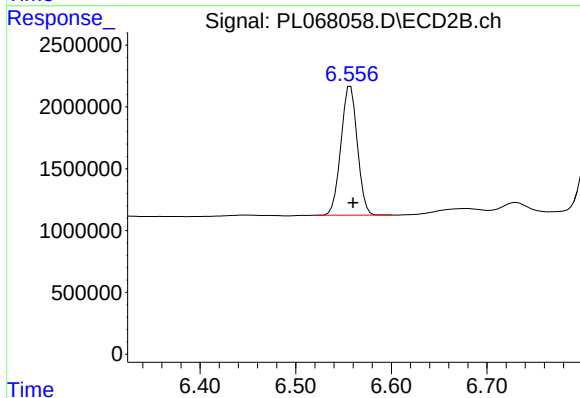
#3 gamma-BHC (Lindane)

R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 6749568
Conc: 9.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

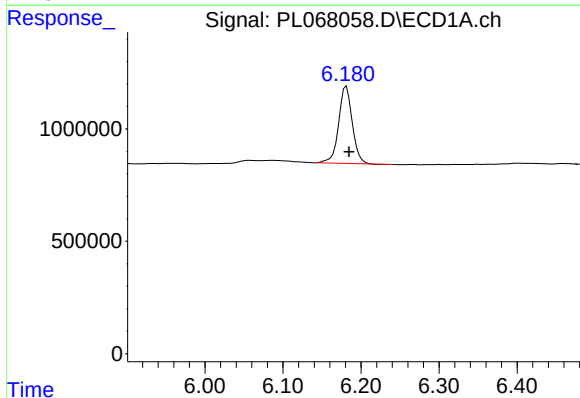
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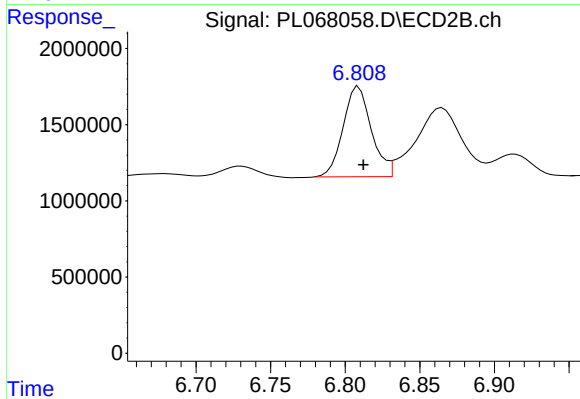
#3 gamma-BHC (Lindane)

R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 12471239
Conc: 10.01 ng/ml



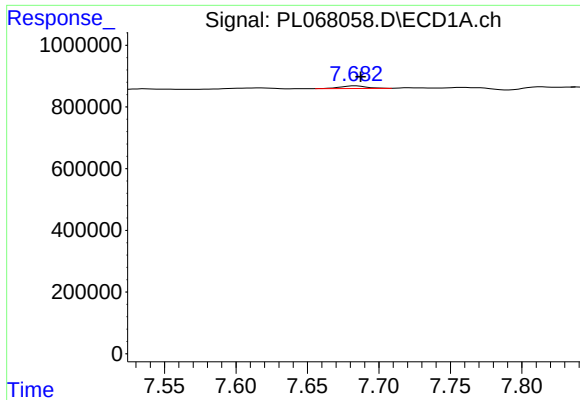
#6 beta-BHC

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 4155179
Conc: 11.57 ng/ml



#6 beta-BHC

R.T.: 6.809 min
Delta R.T.: -0.003 min
Response: 7821671
Conc: 11.78 ng/ml



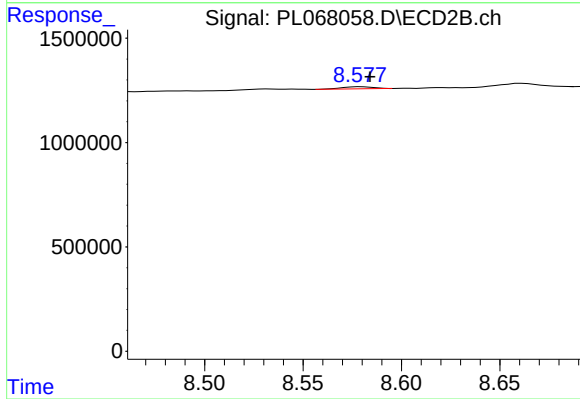
#12 4,4'-DDE

R.T.: 7.682 min
Delta R.T.: -0.005 min
Response: 110208
Conc: 0.18 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

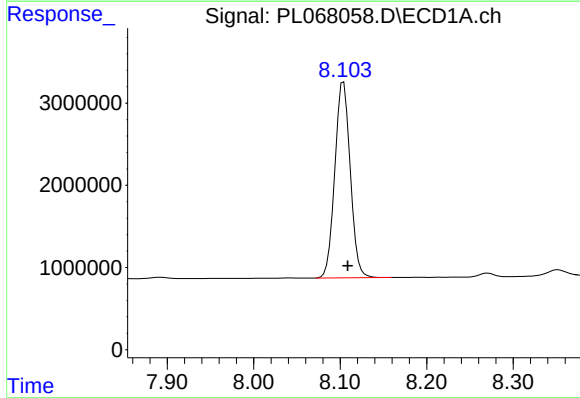
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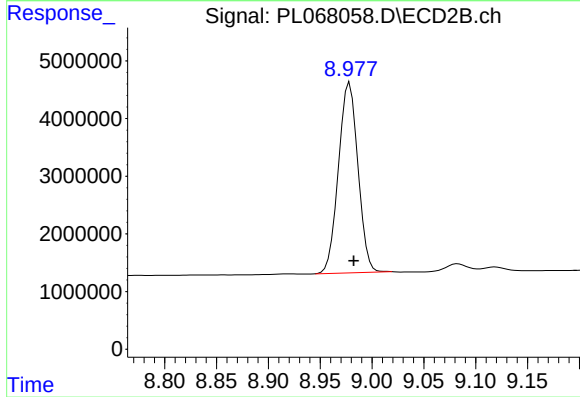
#12 4,4'-DDE

R.T.: 8.577 min
Delta R.T.: -0.007 min
Response: 118142
Conc: 0.13 ng/ml m



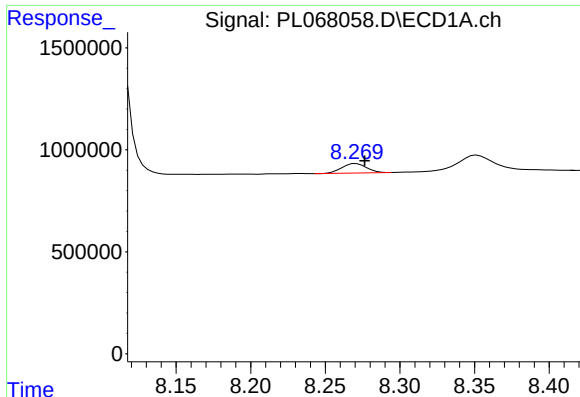
#14 Endrin

R.T.: 8.104 min
Delta R.T.: -0.005 min
Response: 29405133
Conc: 52.79 ng/ml



#14 Endrin

R.T.: 8.978 min
Delta R.T.: -0.004 min
Response: 43322441
Conc: 55.00 ng/ml



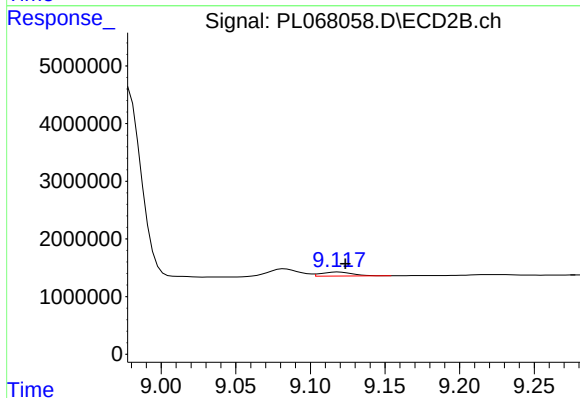
#16 4,4'-DDD

R.T.: 8.269 min
Delta R.T.: -0.007 min
Response: 535625
Conc: 1.06 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

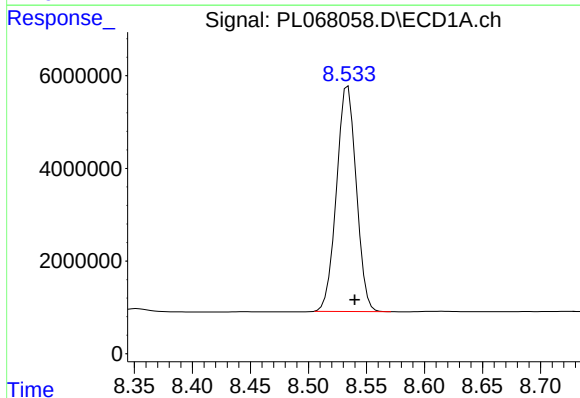
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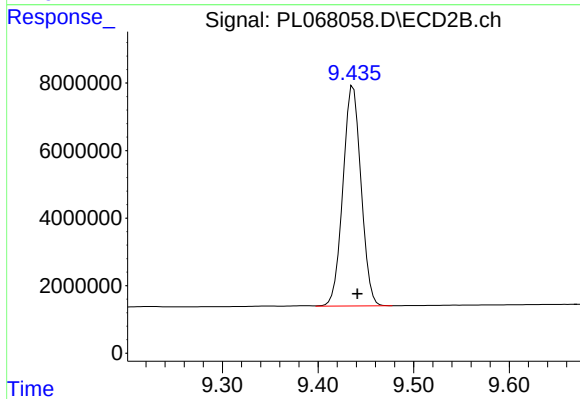
#16 4,4'-DDD

R.T.: 9.119 min
Delta R.T.: -0.005 min
Response: 1034960
Conc: 1.33 ng/ml



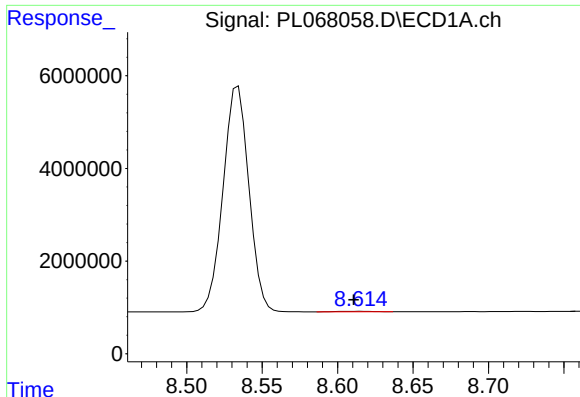
#17 4,4'-DDT

R.T.: 8.534 min
Delta R.T.: -0.006 min
Response: 57687035
Conc: 106.88 ng/ml



#17 4,4'-DDT

R.T.: 9.437 min
Delta R.T.: -0.004 min
Response: 86055926
Conc: 103.57 ng/ml



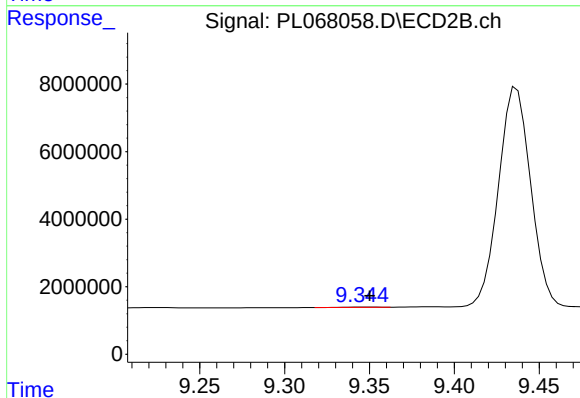
#18 Endrin aldehyde

R.T.: 8.614 min
Delta R.T.: 0.003 min
Response: 169846
Conc: 0.41 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

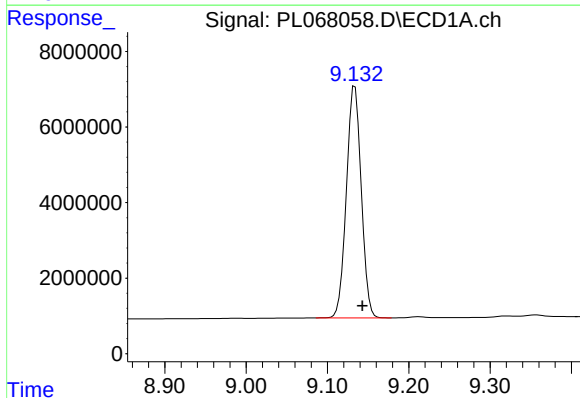
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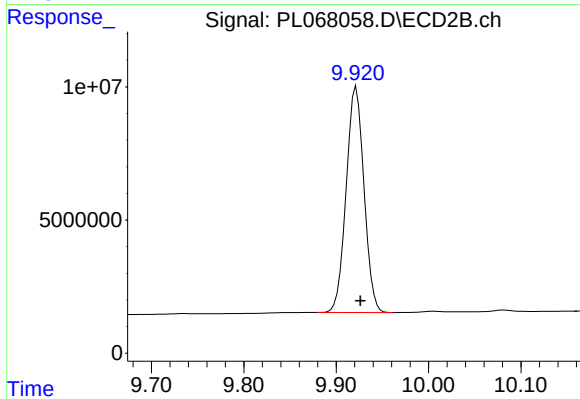
#18 Endrin aldehyde

R.T.: 9.344 min
Delta R.T.: -0.006 min
Response: 155211
Conc: 0.24 ng/ml m



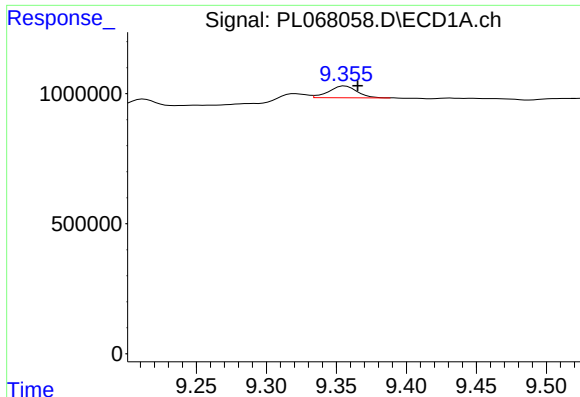
#20 Methoxychlor

R.T.: 9.132 min
Delta R.T.: -0.011 min
Response: 77655196
Conc: 248.40 ng/ml m



#20 Methoxychlor

R.T.: 9.920 min
Delta R.T.: -0.006 min
Response: 113650169
Conc: 259.86 ng/ml m



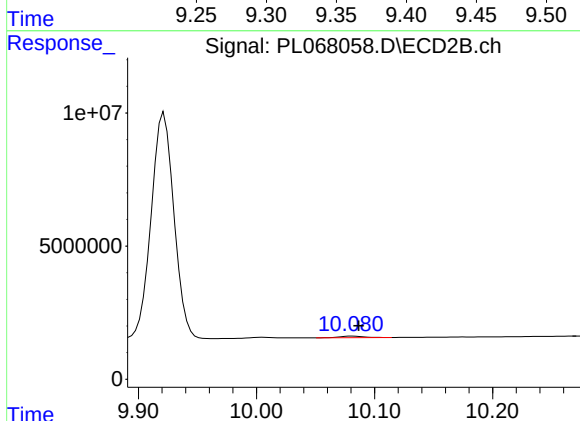
#21 Endrin ketone

R.T.: 9.355 min
Delta R.T.: -0.010 min
Response: 631611
Conc: 1.04 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

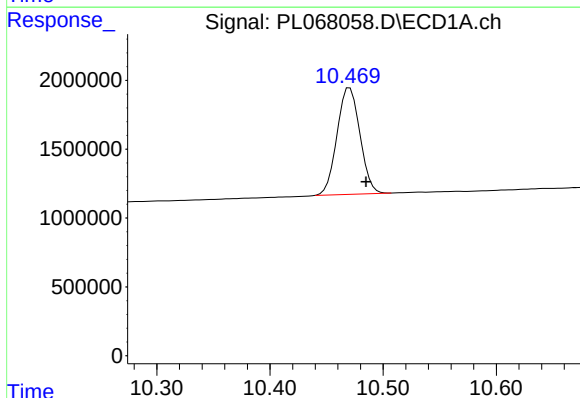
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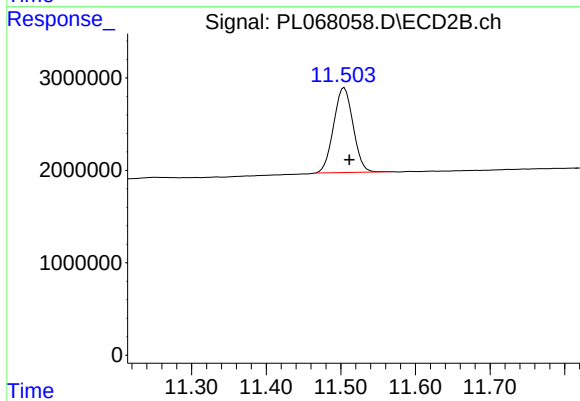
#21 Endrin ketone

R.T.: 10.081 min
Delta R.T.: -0.005 min
Response: 781799
Conc: 0.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.471 min
Delta R.T.: -0.014 min
Response: 10899431
Conc: 19.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.505 min
Delta R.T.: -0.007 min
Response: 16692179
Conc: 21.42 ng/ml