

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112221\
 Data File : PL071100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2021 09:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/23/2021
 Supervised By : Sohil Jodhani 11/23/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 04:44:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 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...	4.568	5.503	10102441	25704972	20.625	20.387
28)	SA Decachlor...	10.332	11.395	14223241	25574808	20.816	19.123
Target Compounds							
2)	A alpha-BHC	5.274	6.083	5875728	17645737	8.778	9.586
3)	MA gamma-BHC...	5.697	6.479	6250964	16359353	9.319	9.434
6)	B beta-BHC	6.078	6.736	3688837	9474785	11.356m	11.058
12)	B 4,4'-DDE	7.566	8.501	155829	473171	0.267m	0.321m
14)	MA Endrin	7.985	8.896	28053782	60932409	49.480	52.605
16)	A 4,4'-DDD	8.153	9.042	1300954	2813106	2.560	2.338
17)	MA 4,4'-DDT	8.414	9.359	52997873	123.0E6	96.364	97.464
18)	B Endrin al...	8.487	9.265	423368	490055	0.932	0.507m#
20)	A Methoxychlor	9.010	9.846	70919537	143.4E6	193.854	211.931
21)	B Endrin ke...	9.232	10.000	1288200	1848563	1.802m	1.288 #

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

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Sample : PEM
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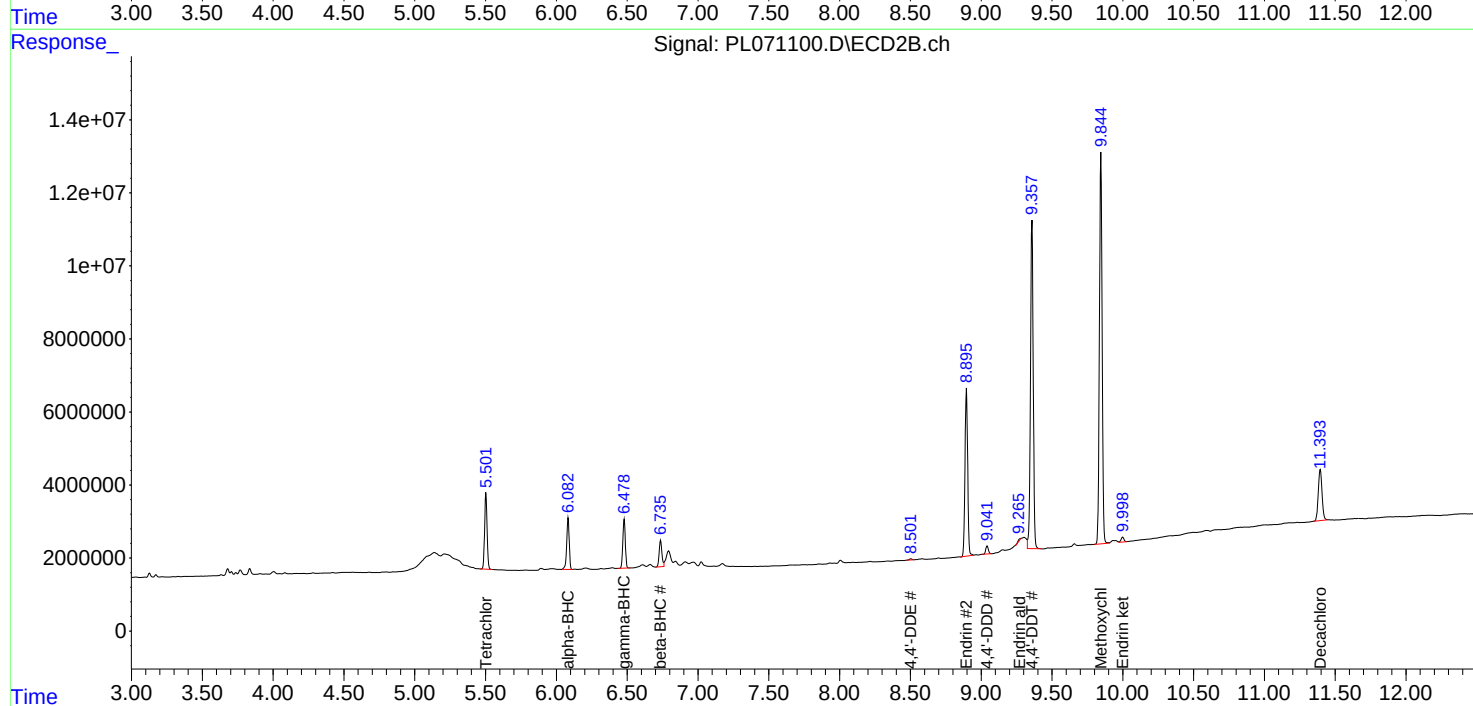
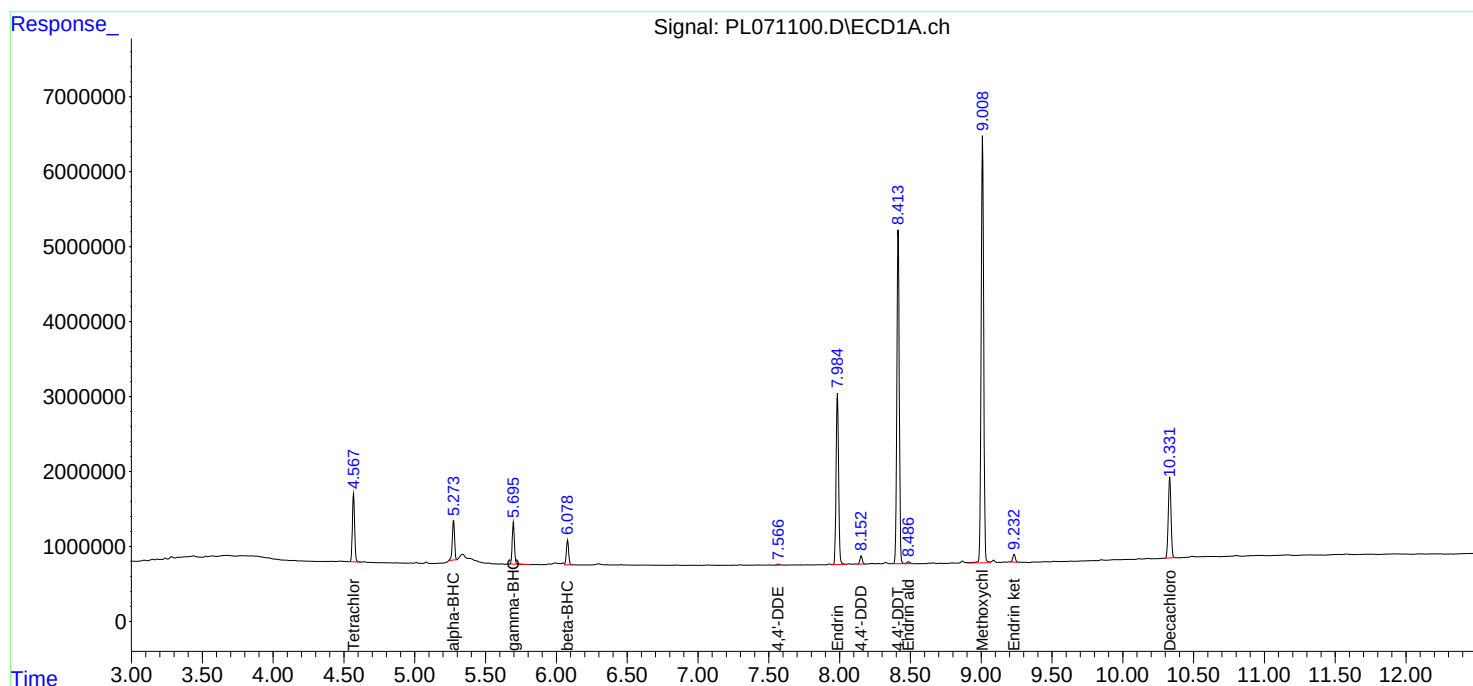
Instrument :
ECD_L
ClientSampleId :
PEM

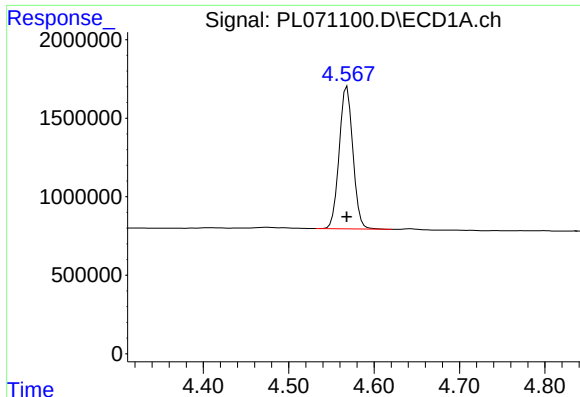
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Integration File signal 1: autoint1.e
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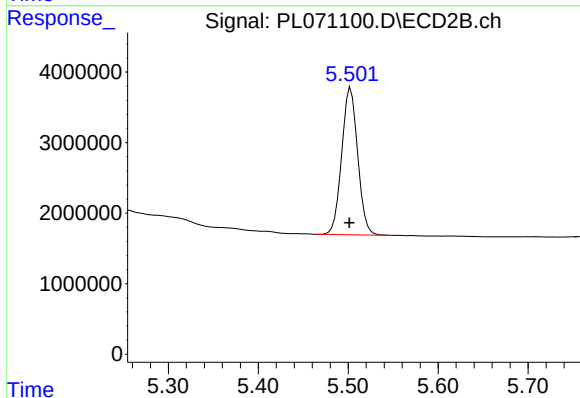
#1 Tetrachloro-m-xylene

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 10102441
Conc: 20.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

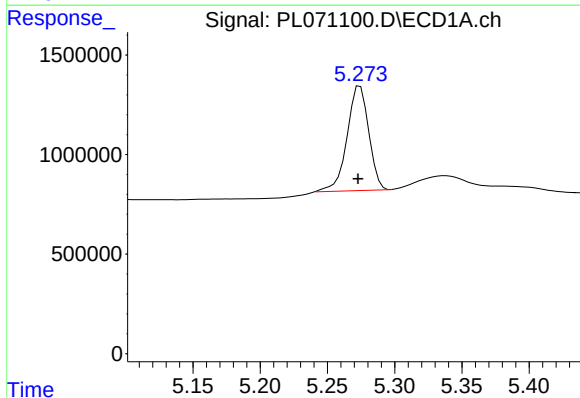
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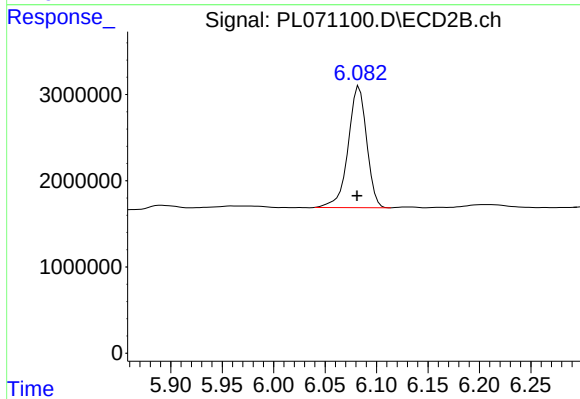
#1 Tetrachloro-m-xylene

R.T.: 5.503 min
Delta R.T.: 0.002 min
Response: 25704972
Conc: 20.39 ng/ml



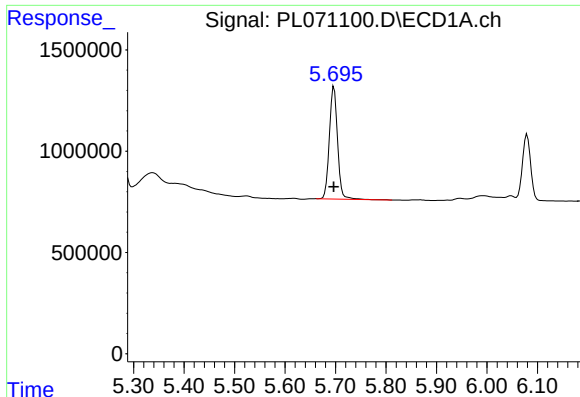
#2 alpha-BHC

R.T.: 5.274 min
Delta R.T.: 0.001 min
Response: 5875728
Conc: 8.78 ng/ml



#2 alpha-BHC

R.T.: 6.083 min
Delta R.T.: 0.002 min
Response: 17645737
Conc: 9.59 ng/ml



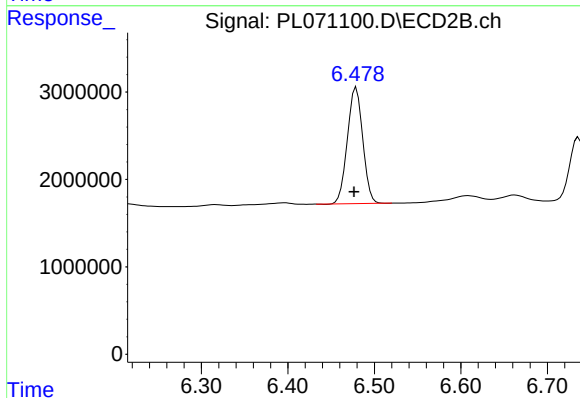
#3 gamma-BHC (Lindane)

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 6250964
Conc: 9.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

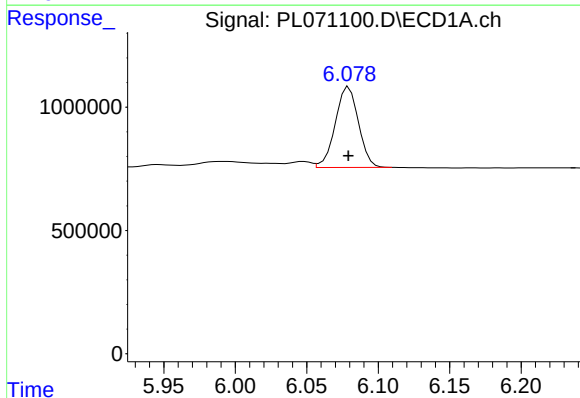
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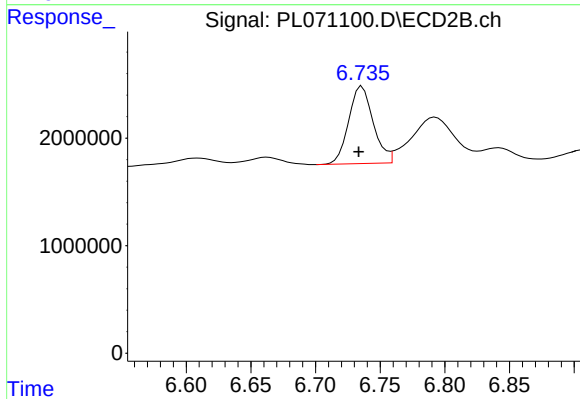
#3 gamma-BHC (Lindane)

R.T.: 6.479 min
Delta R.T.: 0.002 min
Response: 16359353
Conc: 9.43 ng/ml



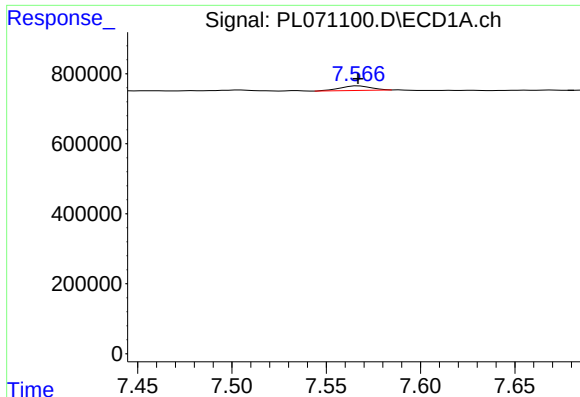
#6 beta-BHC

R.T.: 6.078 min
Delta R.T.: -0.001 min
Response: 3688837
Conc: 11.36 ng/ml m



#6 beta-BHC

R.T.: 6.736 min
Delta R.T.: 0.003 min
Response: 9474785
Conc: 11.06 ng/ml



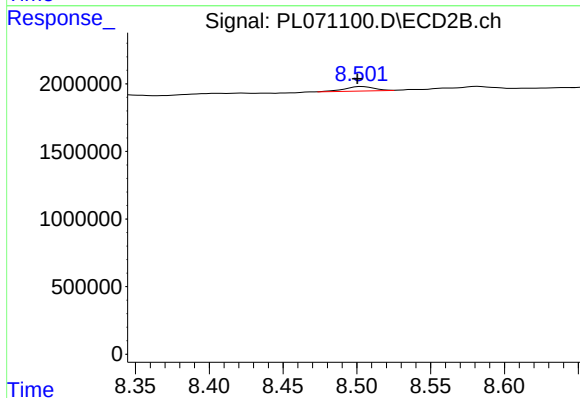
#12 4,4'-DDE

R.T.: 7.566 min
Delta R.T.: -0.001 min
Response: 155829
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

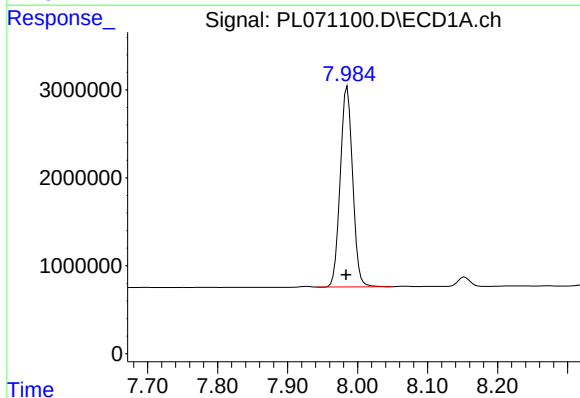
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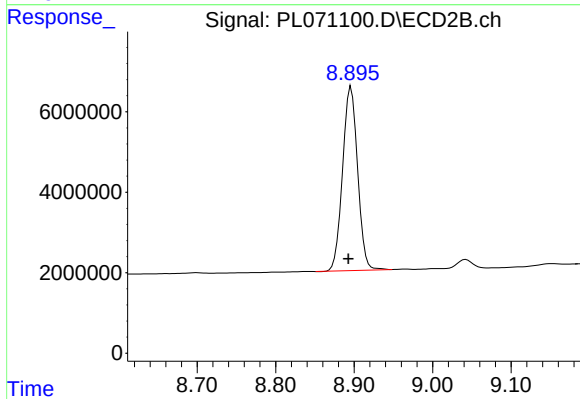
#12 4,4'-DDE

R.T.: 8.501 min
Delta R.T.: 0.001 min
Response: 473171
Conc: 0.32 ng/ml m



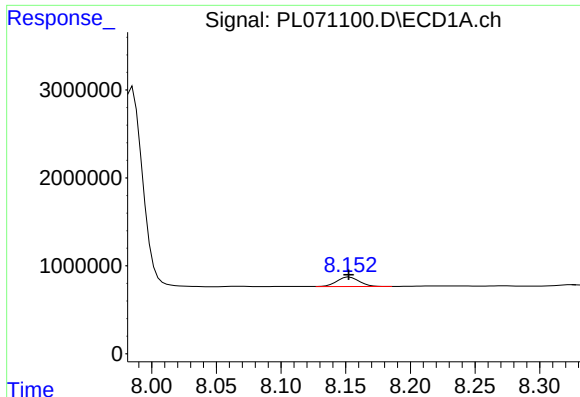
#14 Endrin

R.T.: 7.985 min
Delta R.T.: 0.002 min
Response: 28053782
Conc: 49.48 ng/ml



#14 Endrin

R.T.: 8.896 min
Delta R.T.: 0.003 min
Response: 60932409
Conc: 52.61 ng/ml



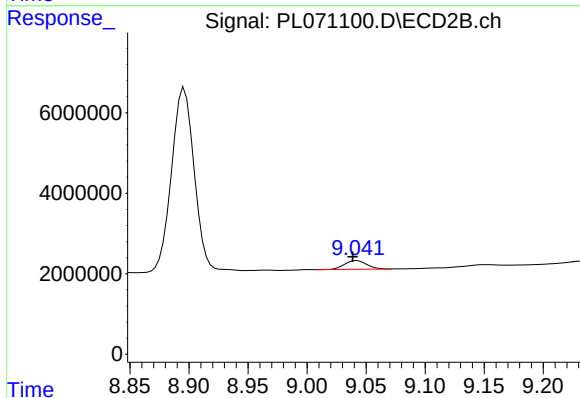
#16 4,4'-DDD

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 1300954
Conc: 2.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

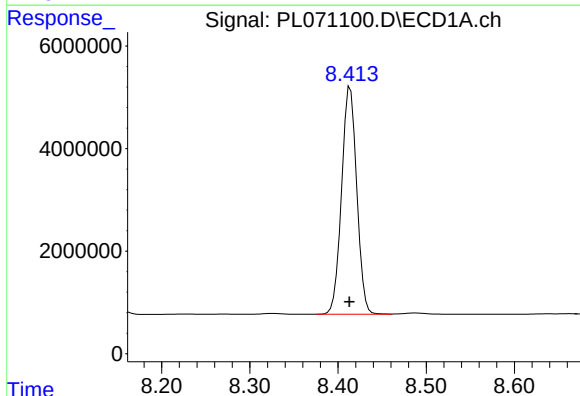
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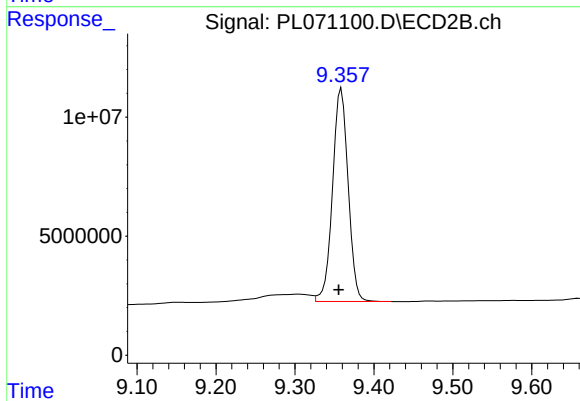
#16 4,4'-DDD

R.T.: 9.042 min
Delta R.T.: 0.004 min
Response: 2813106
Conc: 2.34 ng/ml



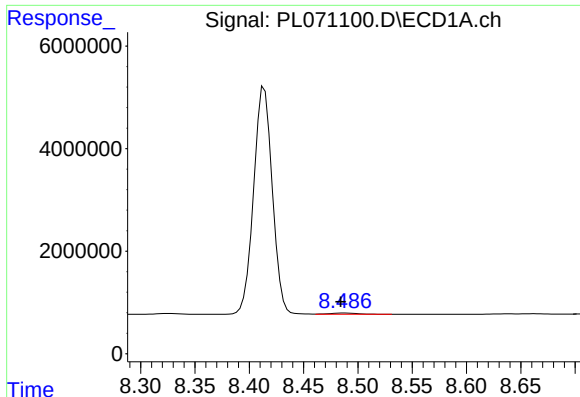
#17 4,4'-DDT

R.T.: 8.414 min
Delta R.T.: 0.000 min
Response: 52997873
Conc: 96.36 ng/ml



#17 4,4'-DDT

R.T.: 9.359 min
Delta R.T.: 0.003 min
Response: 122958633
Conc: 97.46 ng/ml



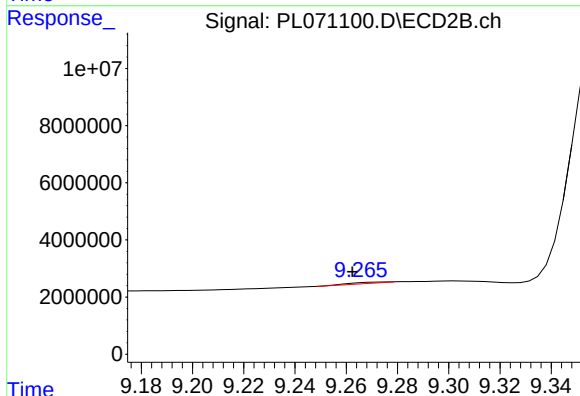
#18 Endrin aldehyde

R.T.: 8.487 min
Delta R.T.: 0.003 min
Response: 423368
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

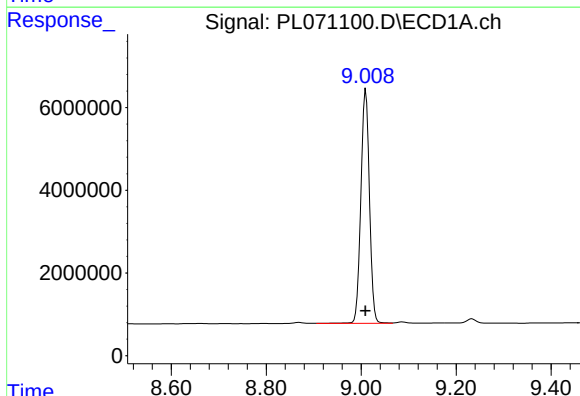
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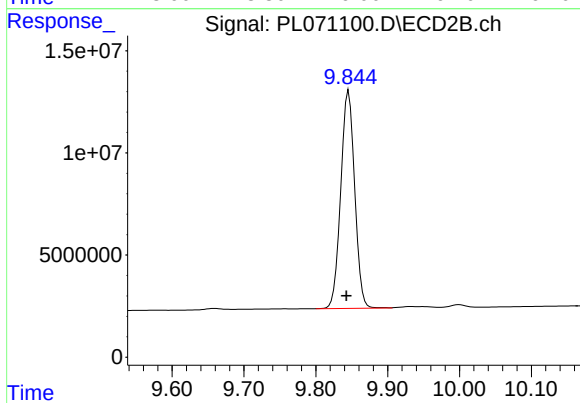
#18 Endrin aldehyde

R.T.: 9.265 min
Delta R.T.: 0.002 min
Response: 490055
Conc: 0.51 ng/ml m



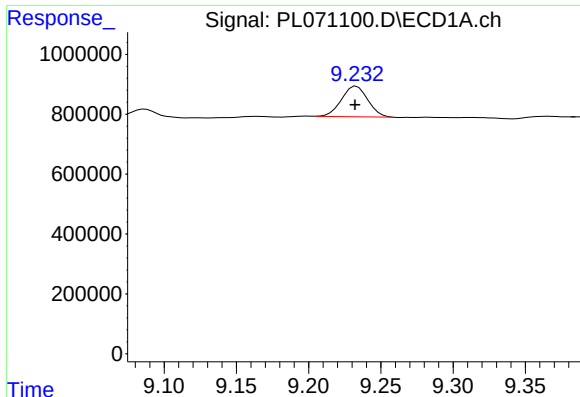
#20 Methoxychlor

R.T.: 9.010 min
Delta R.T.: 0.001 min
Response: 70919537
Conc: 193.85 ng/ml



#20 Methoxychlor

R.T.: 9.846 min
Delta R.T.: 0.003 min
Response: 143435631
Conc: 211.93 ng/ml



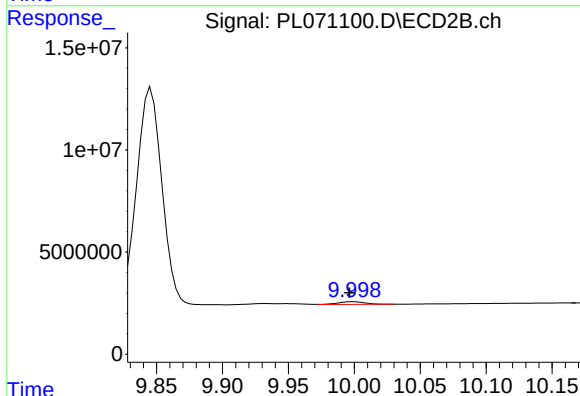
#21 Endrin ketone

R.T.: 9.232 min
Delta R.T.: 0.000 min
Response: 1288200
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

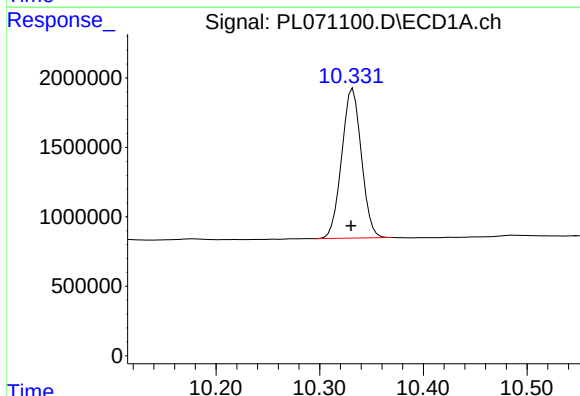
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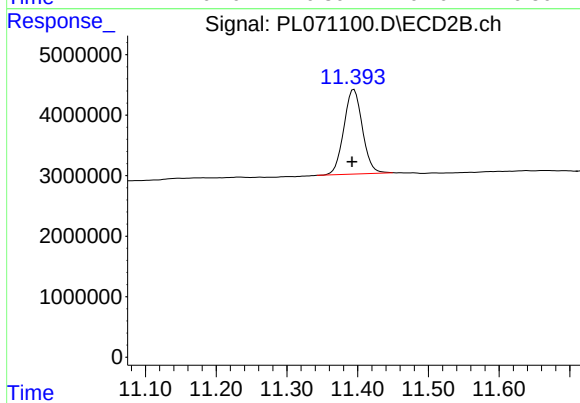
#21 Endrin ketone

R.T.: 10.000 min
Delta R.T.: 0.003 min
Response: 1848563
Conc: 1.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.332 min
Delta R.T.: 0.002 min
Response: 14223241
Conc: 20.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.395 min
Delta R.T.: 0.003 min
Response: 25574808
Conc: 19.12 ng/ml