

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120321\
 Data File : PL071255.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2021 09:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/06/2021
 Supervised By :mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 00:31:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 16:26:31 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...	4.566	5.502	10572432	27085553	22.509	21.583
28)	SA Decachlor...	10.330	11.394	14999300	26226472	20.715	18.868
Target Compounds							
2)	A alpha-BHC	5.272	6.082	6492132	18499357	9.931	9.992
3)	MA gamma-BHC...	5.695	6.478	6558075	17472770	10.269	9.927
6)	B beta-BHC	6.077	6.735	3600237	9581607	11.892m	10.887
12)	B 4,4'-DDE	7.566	8.501	144170	267935	0.255m	0.174m#
14)	MA Endrin	7.984	8.895	31119844	66780139	55.025	49.767
16)	A 4,4'-DDD	8.152	9.042	351232	830235	0.701	0.716
17)	MA 4,4'-DDT	8.412	9.358	60068852	139.5E6	109.813	100.269
20)	A Methoxychlor	9.008	9.845	84017205	165.5E6	232.543	228.228
21)	B Endrin ke...	9.232	9.998	812017	1164253	1.139	0.795 #

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

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Acq On : 03 Dec 2021 09:10
Operator : AR\AJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

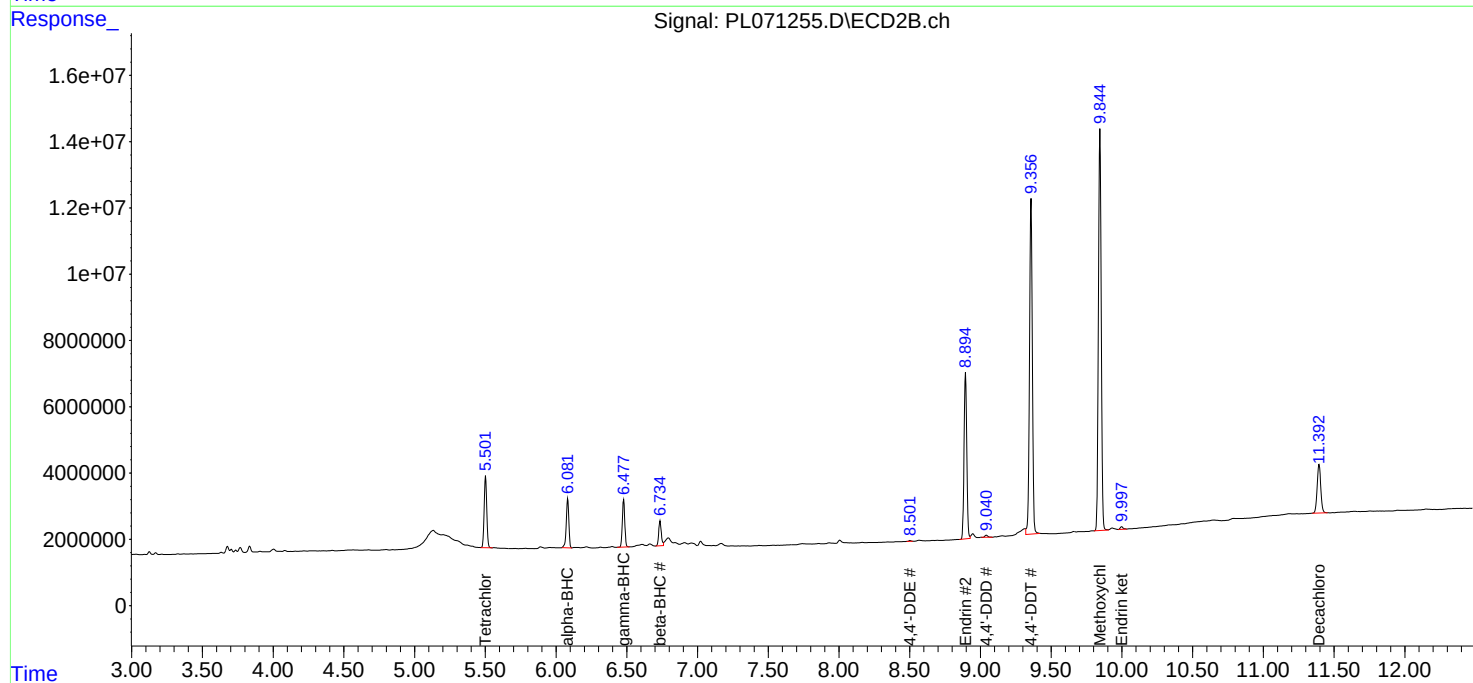
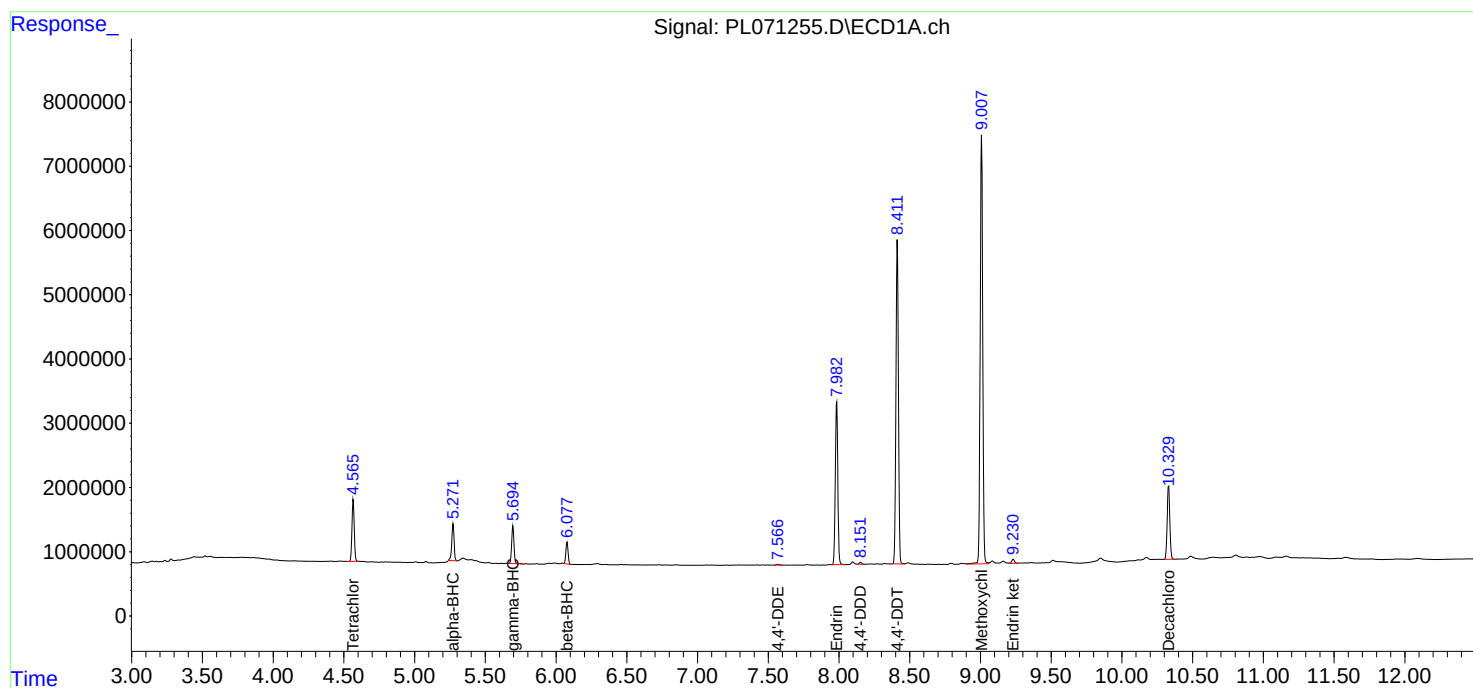
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PEM

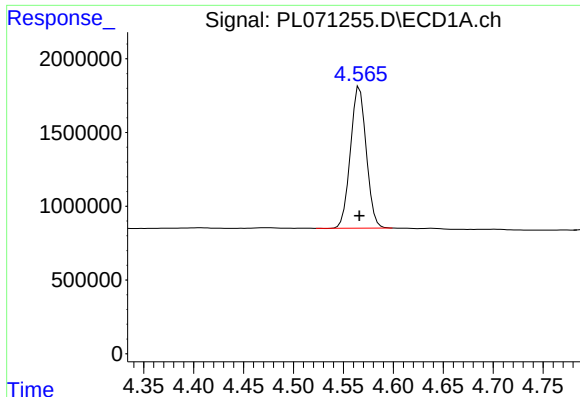
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 04 00:31:58 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 16:26:31 2021
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Volume Inj. : 1 µl
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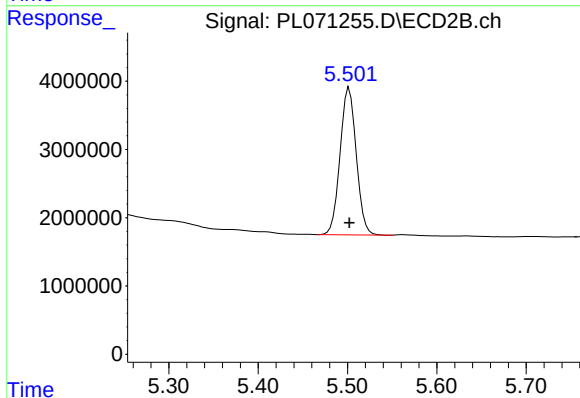
#1 Tetrachloro-m-xylene

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 10572432
Conc: 22.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

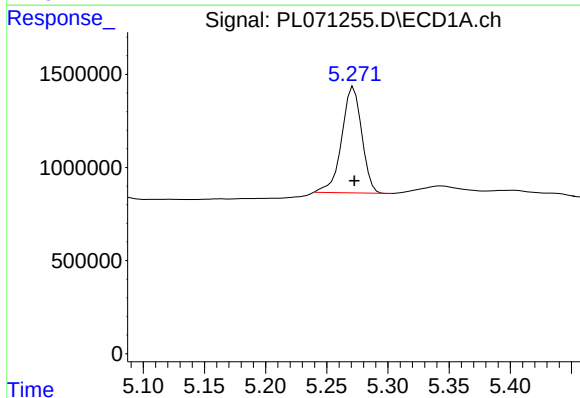
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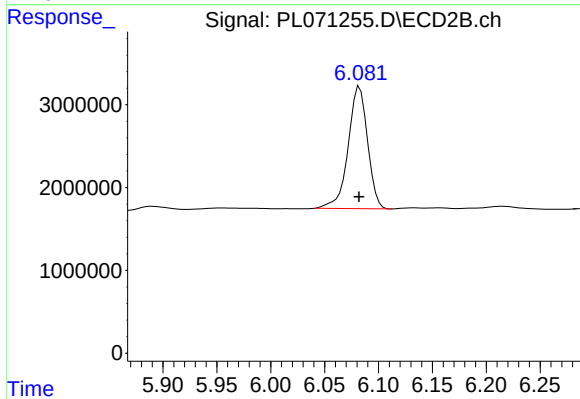
#1 Tetrachloro-m-xylene

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 27085553
Conc: 21.58 ng/ml



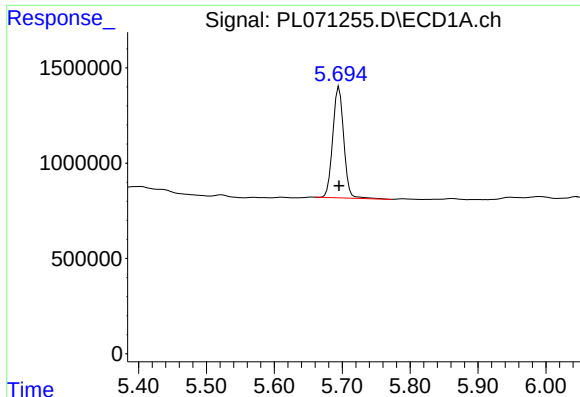
#2 alpha-BHC

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 6492132
Conc: 9.93 ng/ml



#2 alpha-BHC

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 18499357
Conc: 9.99 ng/ml



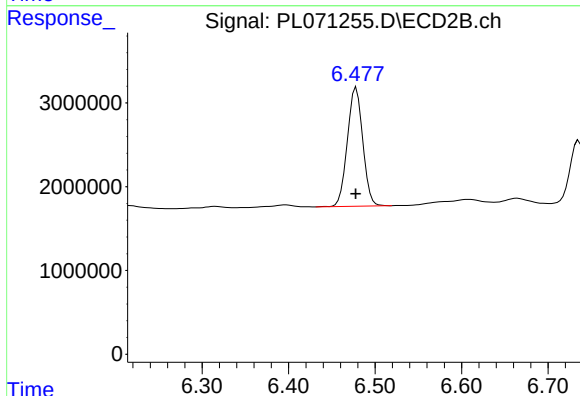
#3 gamma-BHC (Lindane)

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 6558075
Conc: 10.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

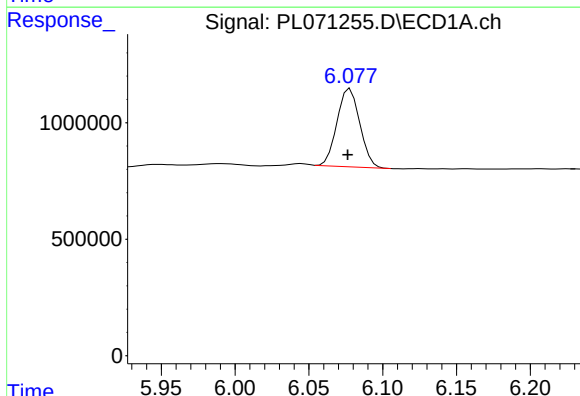
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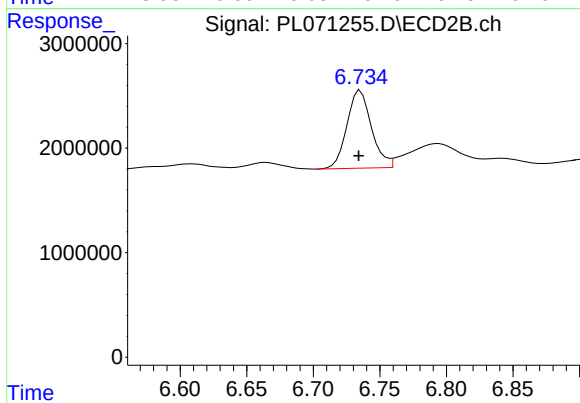
#3 gamma-BHC (Lindane)

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 17472770
Conc: 9.93 ng/ml



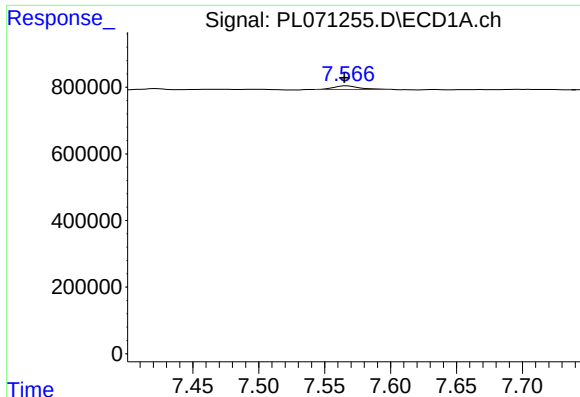
#6 beta-BHC

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 3600237
Conc: 11.89 ng/ml m



#6 beta-BHC

R.T.: 6.735 min
Delta R.T.: 0.001 min
Response: 9581607
Conc: 10.89 ng/ml



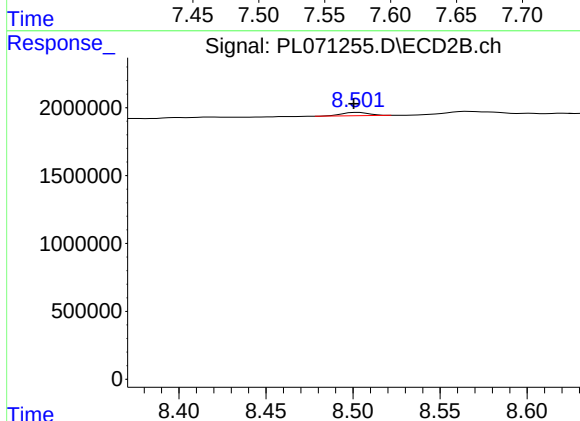
#12 4,4'-DDE

R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 144170
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

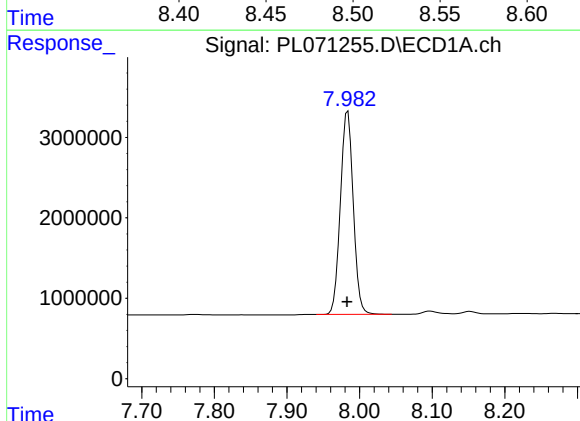
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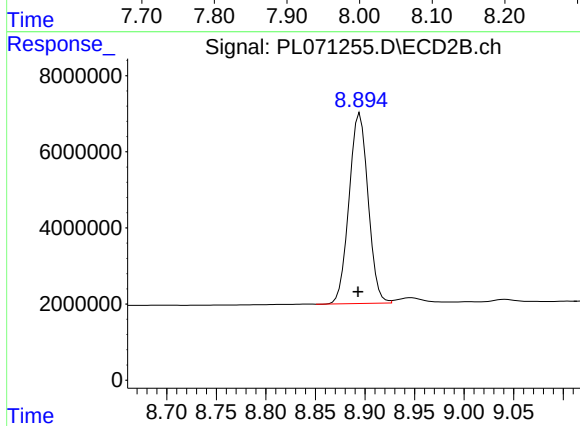
#12 4,4'-DDE

R.T.: 8.501 min
Delta R.T.: 0.001 min
Response: 267935
Conc: 0.17 ng/ml m



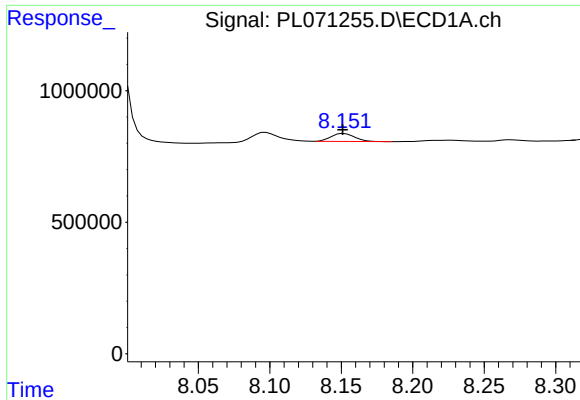
#14 Endrin

R.T.: 7.984 min
Delta R.T.: 0.001 min
Response: 31119844
Conc: 55.03 ng/ml



#14 Endrin

R.T.: 8.895 min
Delta R.T.: 0.002 min
Response: 66780139
Conc: 49.77 ng/ml



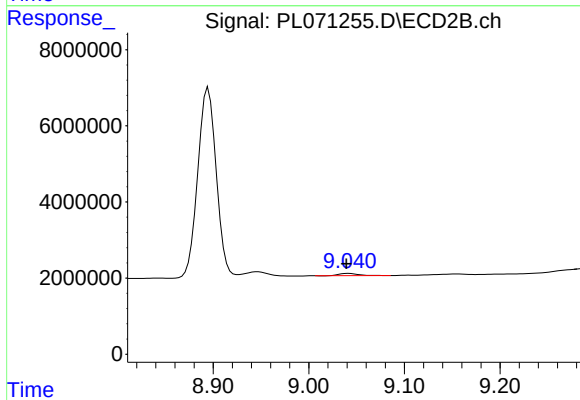
#16 4,4'-DDD

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 351232
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

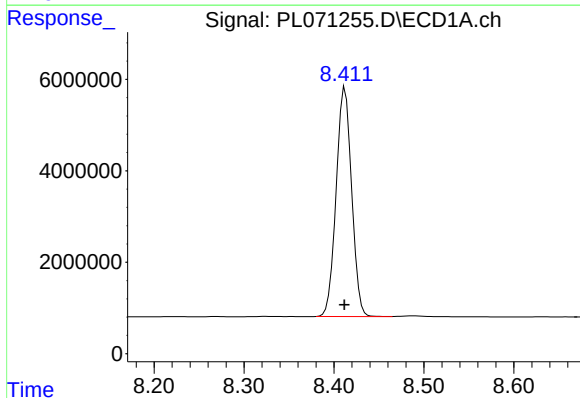
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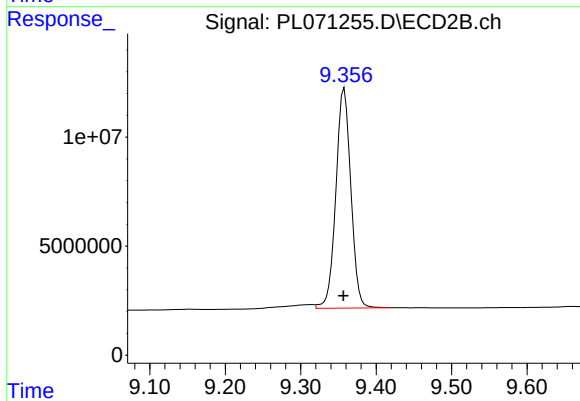
#16 4,4'-DDD

R.T.: 9.042 min
Delta R.T.: 0.002 min
Response: 830235
Conc: 0.72 ng/ml



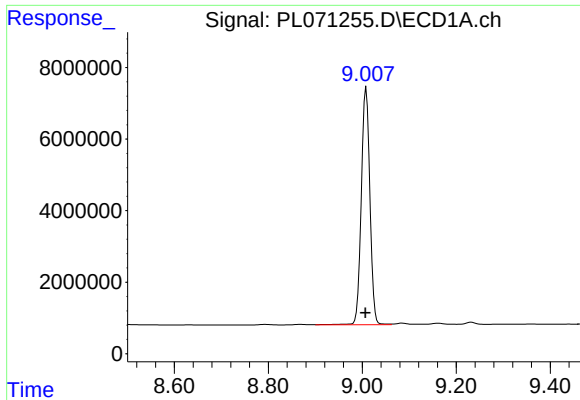
#17 4,4'-DDT

R.T.: 8.412 min
Delta R.T.: 0.000 min
Response: 60068852
Conc: 109.81 ng/ml



#17 4,4'-DDT

R.T.: 9.358 min
Delta R.T.: 0.001 min
Response: 139468133
Conc: 100.27 ng/ml



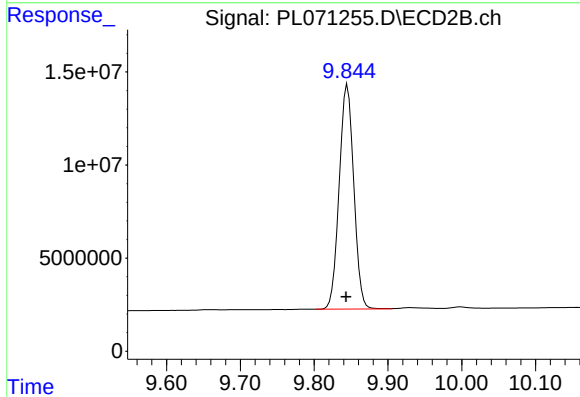
#20 Methoxychlor

R.T.: 9.008 min
Delta R.T.: 0.002 min
Response: 84017205
Conc: 232.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

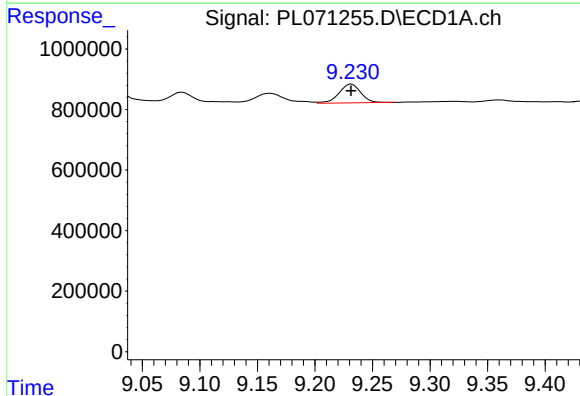
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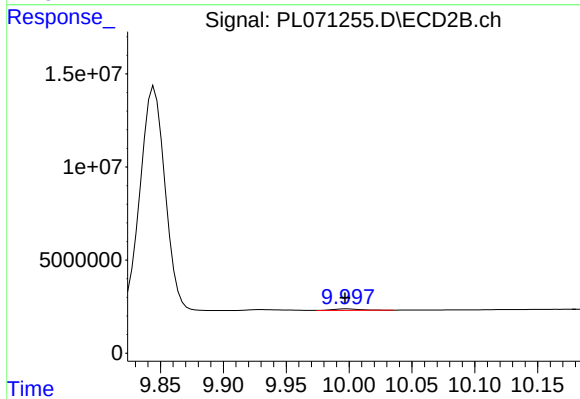
#20 Methoxychlor

R.T.: 9.845 min
Delta R.T.: 0.002 min
Response: 165480835
Conc: 228.23 ng/ml



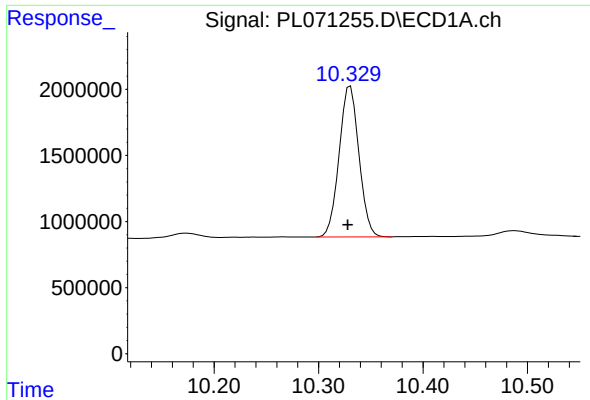
#21 Endrin ketone

R.T.: 9.232 min
Delta R.T.: 0.000 min
Response: 812017
Conc: 1.14 ng/ml



#21 Endrin ketone

R.T.: 9.998 min
Delta R.T.: 0.001 min
Response: 1164253
Conc: 0.80 ng/ml



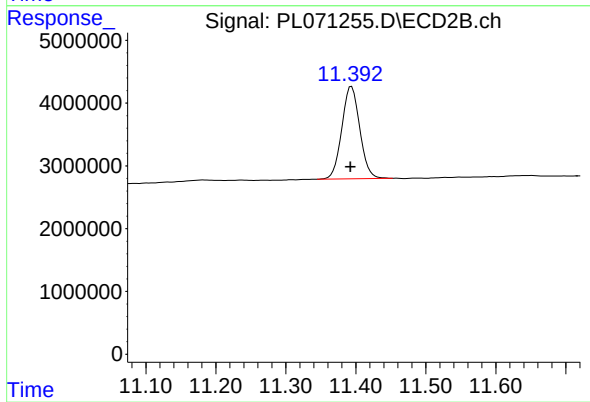
#28 Decachlorobiphenyl

R.T.: 10.330 min
Delta R.T.: 0.003 min
Response: 14999300
Conc: 20.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 11.394 min
Delta R.T.: 0.002 min
Response: 26226472
Conc: 18.87 ng/ml