

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092523\
 Data File : PL085470.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 13:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/26/2023
 Supervised By : Ankita Jodhani 09/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 17:14:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 17:13:17 2023
 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...	3.403	2.650	47926186	20831065	18.635	18.359
28)	SA Decachlor...	8.936	7.823	37444264	22596914	18.246	19.033
Target Compounds							
2)	A alpha-BHC	3.859	3.152	33727175	14607552	9.233	8.833
3)	MA gamma-BHC...	4.191	3.481	32495869	14235545	9.163	8.878
6)	B beta-BHC	4.393	3.784	16471182	7064108	10.548	10.474
14)	MA Endrin	6.445	5.515	104.0E6	54348765	43.637	45.004
16)	A 4,4'-DDD	6.593	5.679	1797061	666381	0.896	0.664 #
17)	MA 4,4'-DDT	6.909	5.930	203.6E6	110.6E6	97.000	102.999
18)	B Endrin al...	6.800	5.996	2989972	3197848	1.658	3.253m#
20)	A Methoxychlor	7.394	6.516	270.3E6	145.5E6	202.947	229.488
21)	B Endrin ke...	7.519	6.723	5962915	3884990	2.393	2.482m

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

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Acq On : 25 Sep 2023 13:50
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

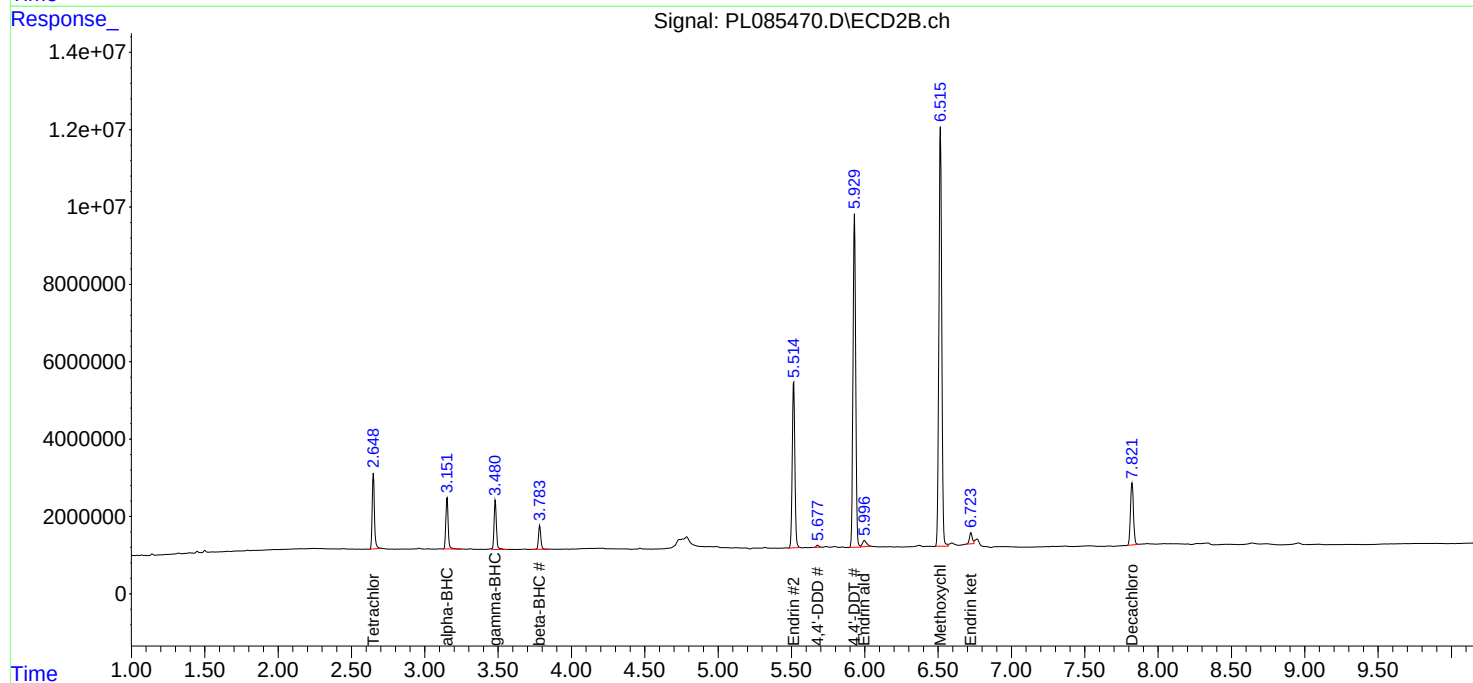
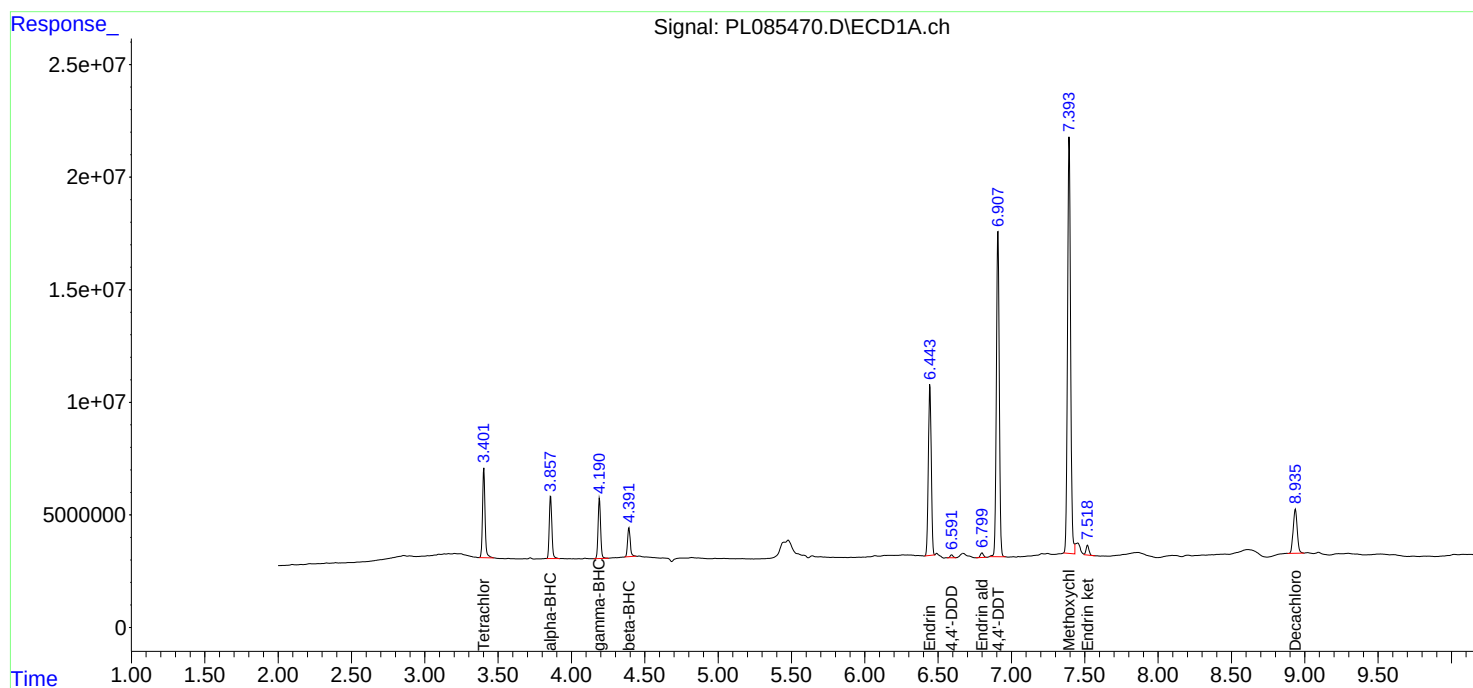
Instrument :
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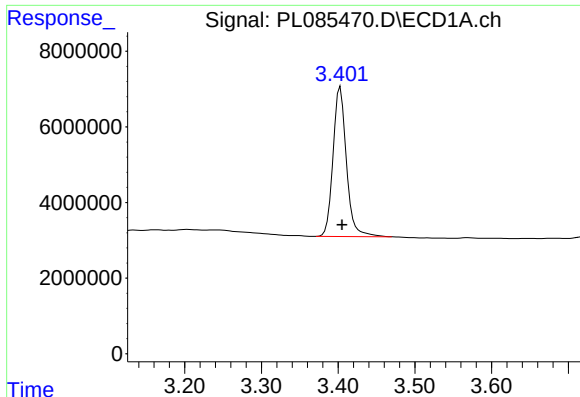
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 25 17:14:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
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QLast Update : Mon Sep 25 17:13:17 2023
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Volume Inj. : 1 µl
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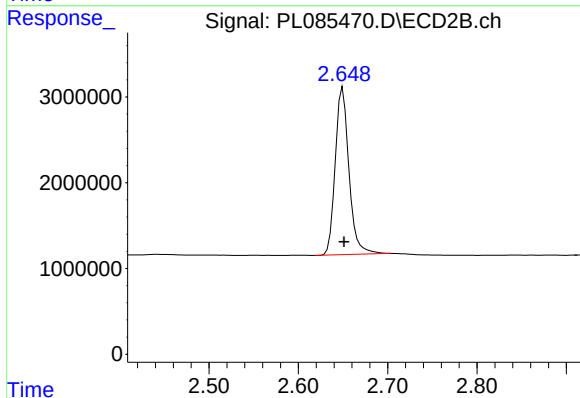
#1 Tetrachloro-m-xylene

R.T.: 3.403 min
Delta R.T.: -0.002 min
Response: 47926186
Conc: 18.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

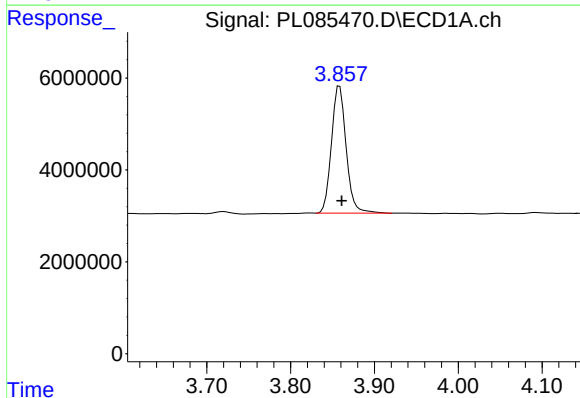
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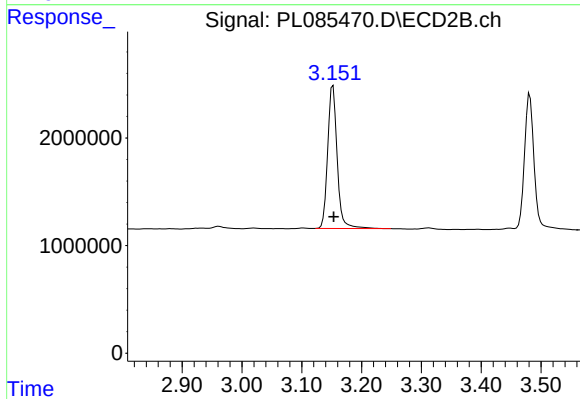
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: -0.001 min
Response: 20831065
Conc: 18.36 ng/ml



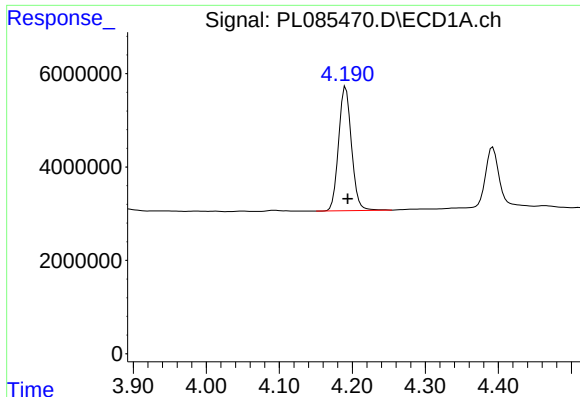
#2 alpha-BHC

R.T.: 3.859 min
Delta R.T.: -0.002 min
Response: 33727175
Conc: 9.23 ng/ml



#2 alpha-BHC

R.T.: 3.152 min
Delta R.T.: -0.002 min
Response: 14607552
Conc: 8.83 ng/ml



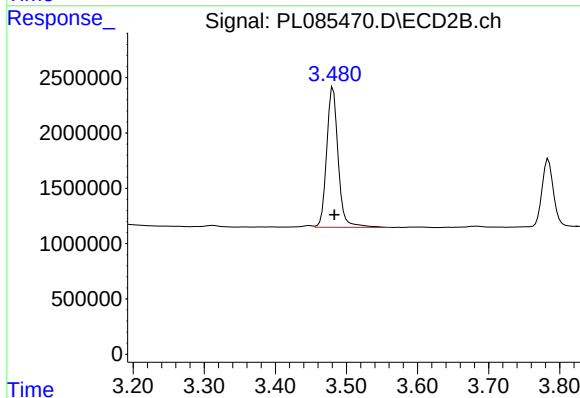
#3 gamma-BHC (Lindane)

R.T.: 4.191 min
Delta R.T.: -0.003 min
Response: 32495869
Conc: 9.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

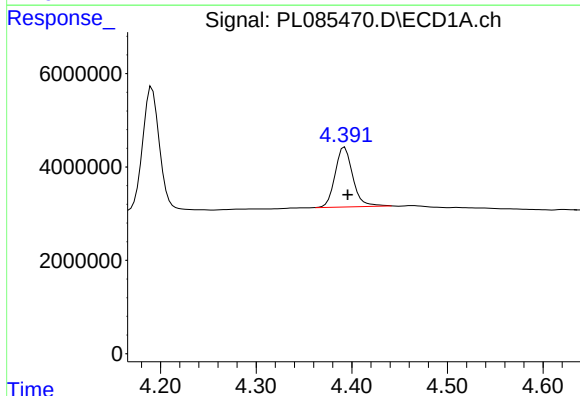
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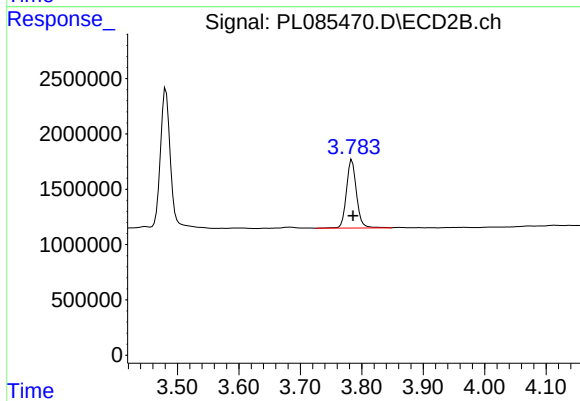
#3 gamma-BHC (Lindane)

R.T.: 3.481 min
Delta R.T.: -0.002 min
Response: 14235545
Conc: 8.88 ng/ml



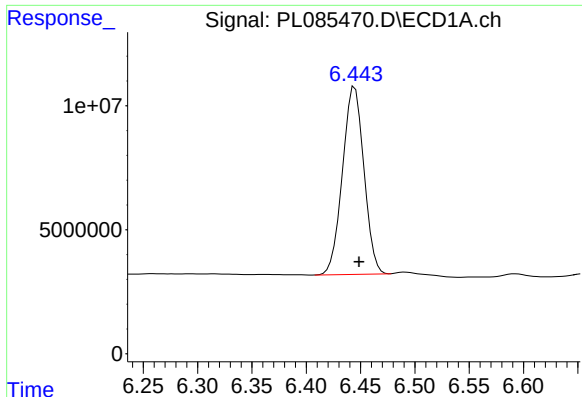
#6 beta-BHC

R.T.: 4.393 min
Delta R.T.: -0.003 min
Response: 16471182
Conc: 10.55 ng/ml



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 7064108
Conc: 10.47 ng/ml



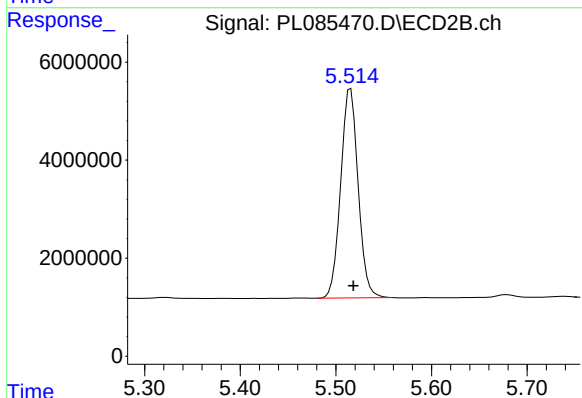
#14 Endrin

R.T.: 6.445 min
Delta R.T.: -0.004 min
Response: 103978043
Conc: 43.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

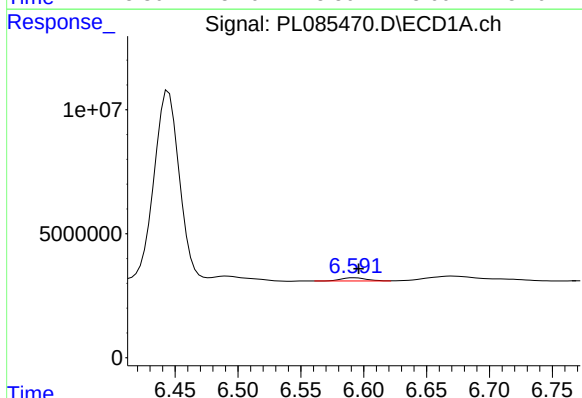
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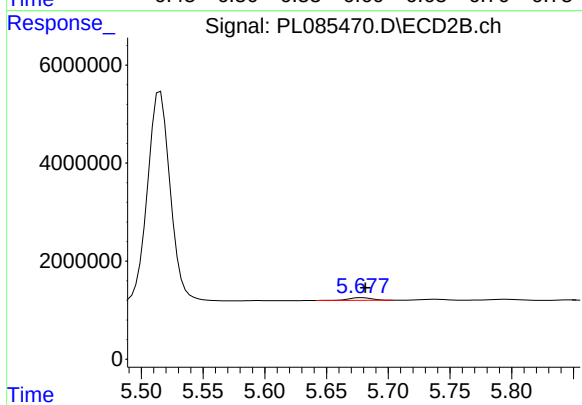
#14 Endrin

R.T.: 5.515 min
Delta R.T.: -0.003 min
Response: 54348765
Conc: 45.00 ng/ml



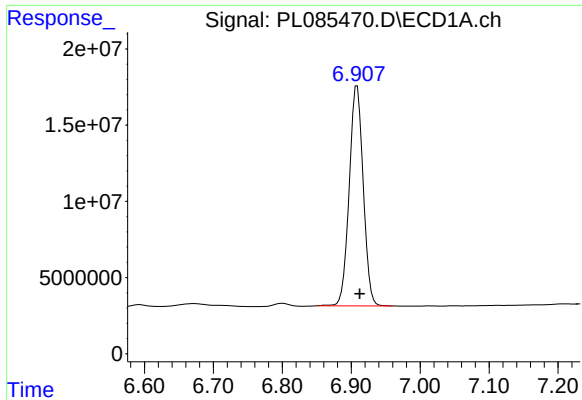
#16 4,4'-DDD

R.T.: 6.593 min
Delta R.T.: -0.003 min
Response: 1797061
Conc: 0.90 ng/ml



#16 4,4'-DDD

R.T.: 5.679 min
Delta R.T.: -0.003 min
Response: 666381
Conc: 0.66 ng/ml



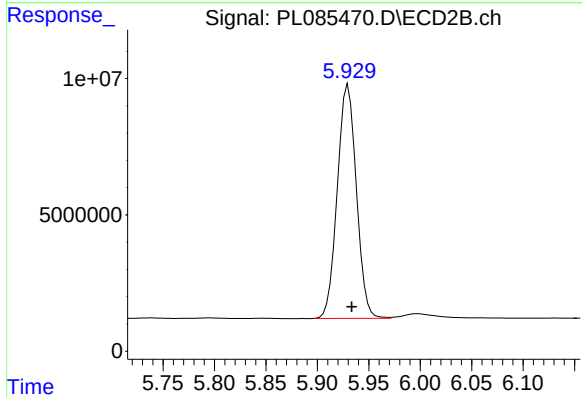
#17 4,4'-DDT

R.T.: 6.909 min
Delta R.T.: -0.004 min
Response: 203646780
Conc: 97.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

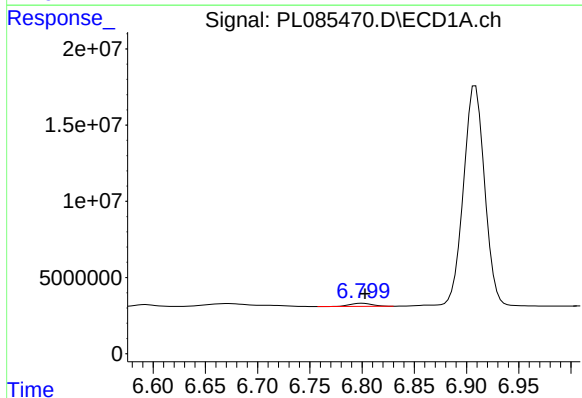
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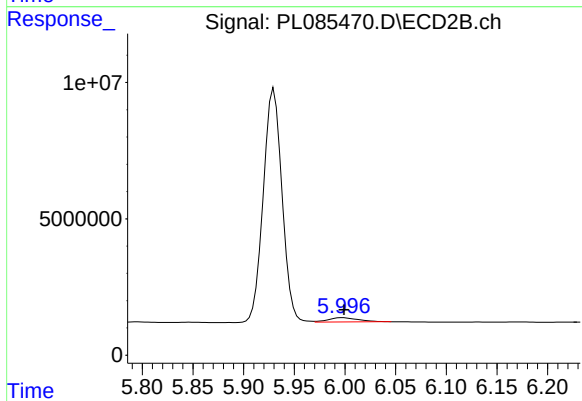
#17 4,4'-DDT

R.T.: 5.930 min
Delta R.T.: -0.003 min
Response: 110597324
Conc: 103.00 ng/ml



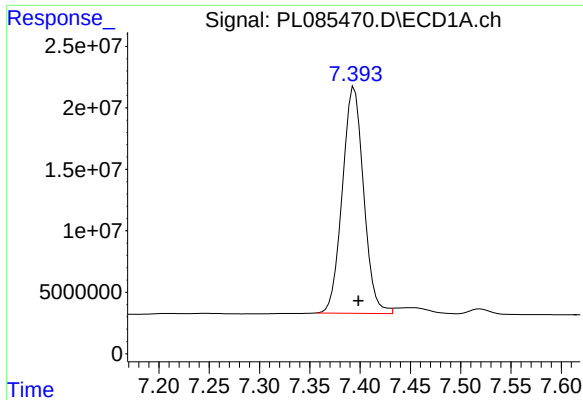
#18 Endrin aldehyde

R.T.: 6.800 min
Delta R.T.: -0.003 min
Response: 2989972
Conc: 1.66 ng/ml



#18 Endrin aldehyde

R.T.: 5.996 min
Delta R.T.: -0.003 min
Response: 3197848
Conc: 3.25 ng/ml m



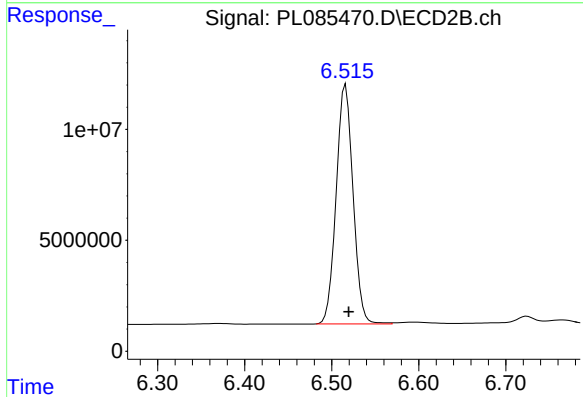
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: -0.004 min
Response: 270327089
Conc: 202.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

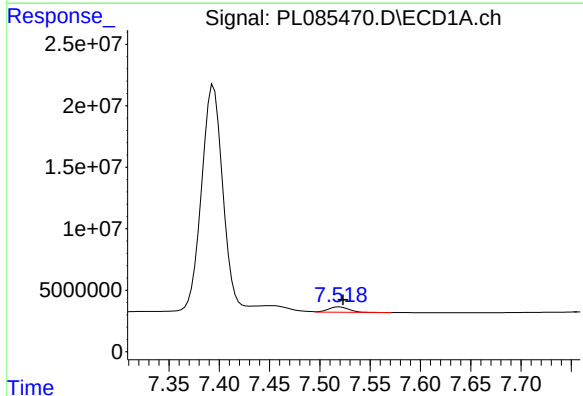
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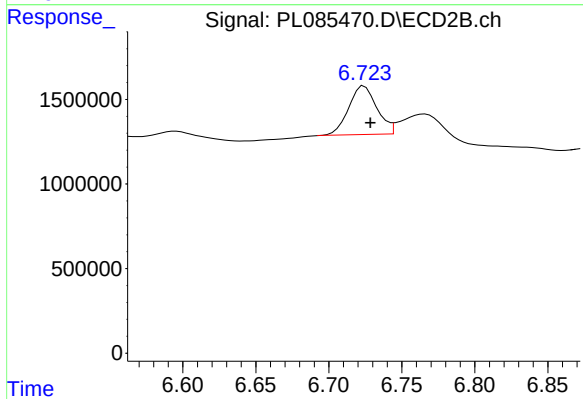
#20 Methoxychlor

R.T.: 6.516 min
Delta R.T.: -0.003 min
Response: 145503223
Conc: 229.49 ng/ml



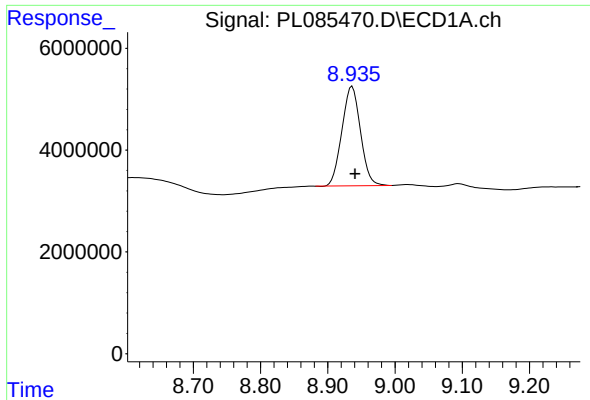
#21 Endrin ketone

R.T.: 7.519 min
Delta R.T.: -0.004 min
Response: 5962915
Conc: 2.39 ng/ml



#21 Endrin ketone

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 3884990
Conc: 2.48 ng/ml m



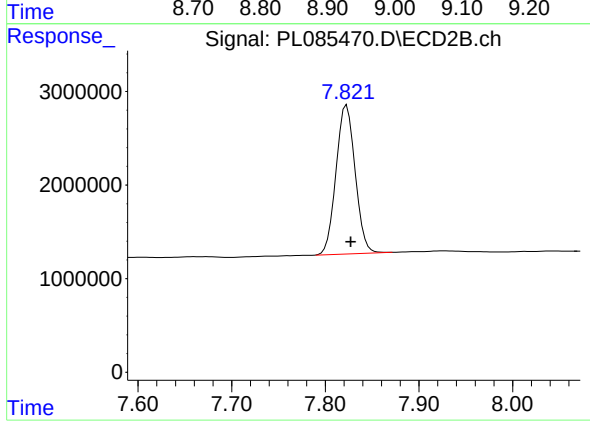
#28 Decachlorobiphenyl

R.T.: 8.936 min
Delta R.T.: -0.005 min
Response: 37444264
Conc: 18.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.823 min
Delta R.T.: -0.004 min
Response: 22596914
Conc: 19.03 ng/ml