

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081524\
 Data File : PL091106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2024 10:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/19/2024
 Supervised By :Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 13:38:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 2024
 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...	3.545	2.786	39157989	35160418	18.237	18.013
28)	SA Decachlor...	9.061	7.929	30872452	36351454	20.250	19.192
Target Compounds							
2)	A alpha-BHC	4.001	3.289	29562463	23959262	9.861	8.639
3)	MA gamma-BHC...	4.333	3.618	28426360	22930722	9.909	8.706m
6)	B beta-BHC	4.530	3.919	14105081	11717367	10.430	9.955
12)	B 4,4'-DDE	6.198	5.246	635279	455011	0.304m	0.218m#
14)	MA Endrin	6.580	5.653	82307232	89931923	42.443	44.146
16)	A 4,4'-DDD	6.716	5.801	4106802	4255770	2.717	2.578
17)	MA 4,4'-DDT	7.029	6.051	152.4E6	179.7E6	85.849	101.144
18)	B Endrin al...	6.929	6.126	2557444	3427160	1.602	2.200 #
20)	A Methoxychlor	7.504	6.626	195.4E6	225.5E6	207.823	227.084
21)	B Endrin ke...	7.646	6.854	6314363	5828809	3.007m	2.676

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

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Acq On : 15 Aug 2024 10:56
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

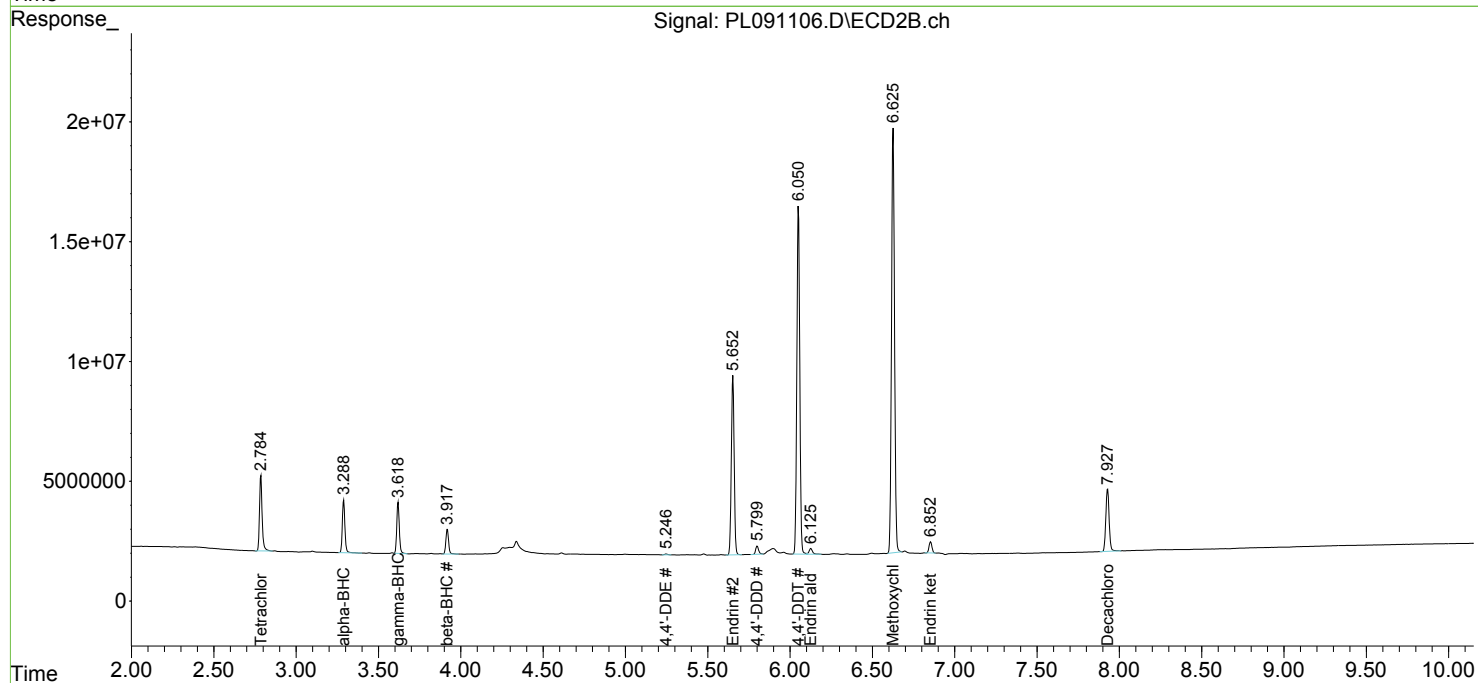
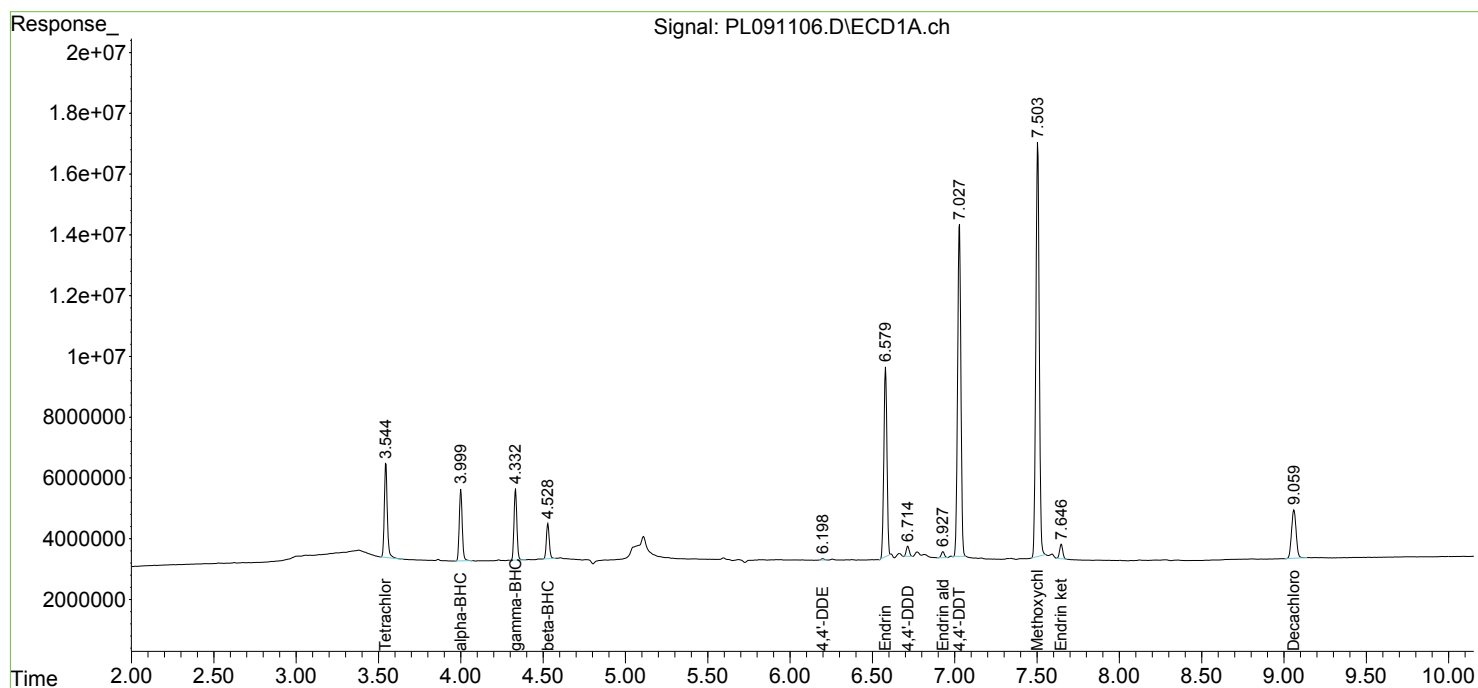
Instrument :
ECD_L
ClientSampleId :
PEM

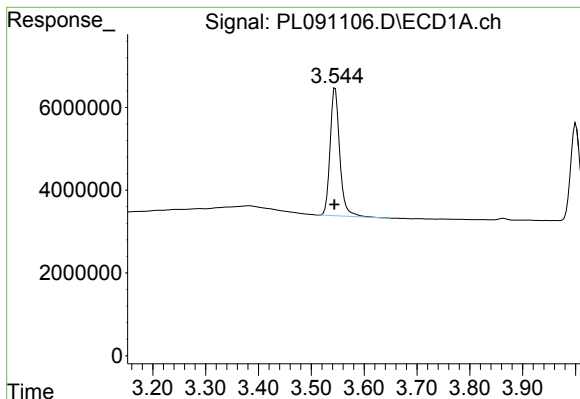
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Integration File signal 1: autoint1.e
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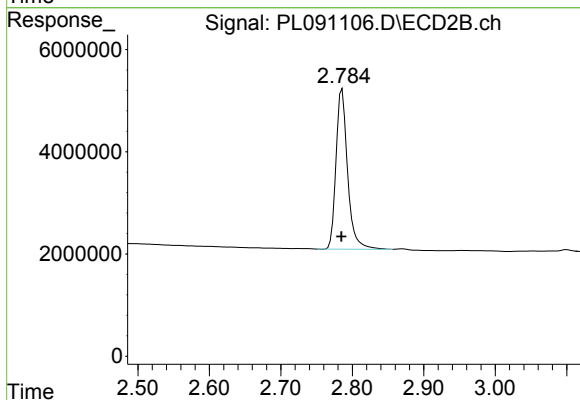
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.001 min
Response: 39157989
Conc: 18.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

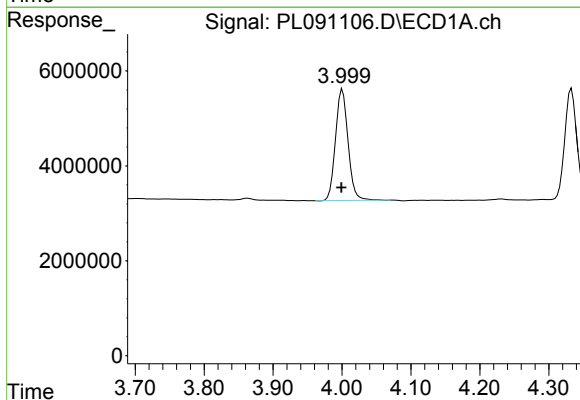
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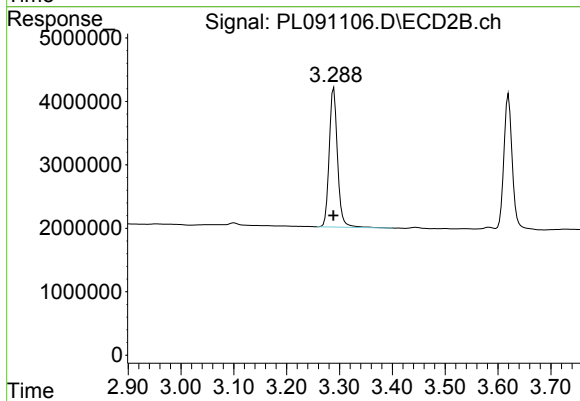
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.000 min
Response: 35160418
Conc: 18.01 ng/ml



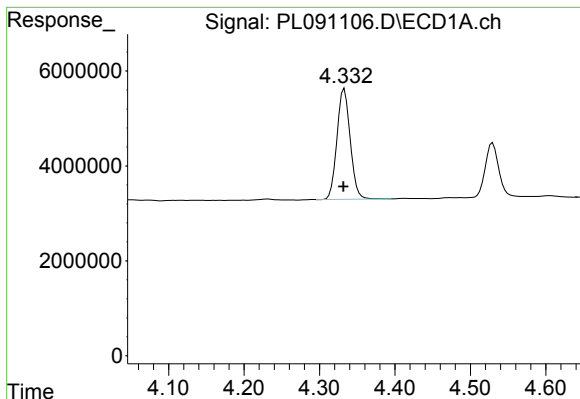
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 29562463
Conc: 9.86 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 23959262
Conc: 8.64 ng/ml



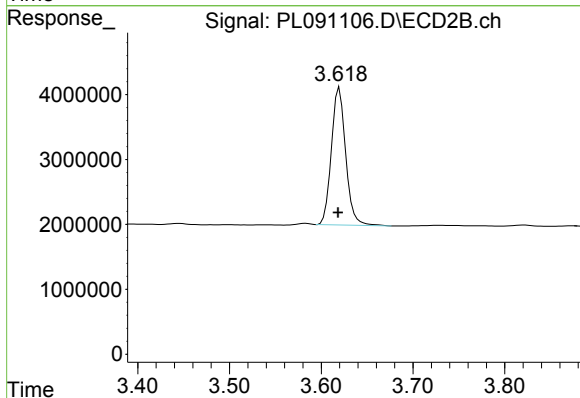
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.001 min
Response: 28426360
Conc: 9.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

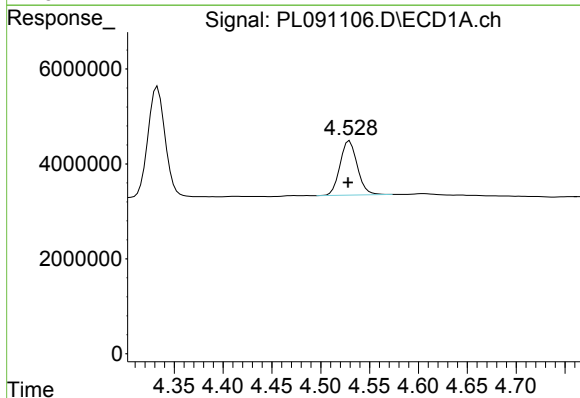
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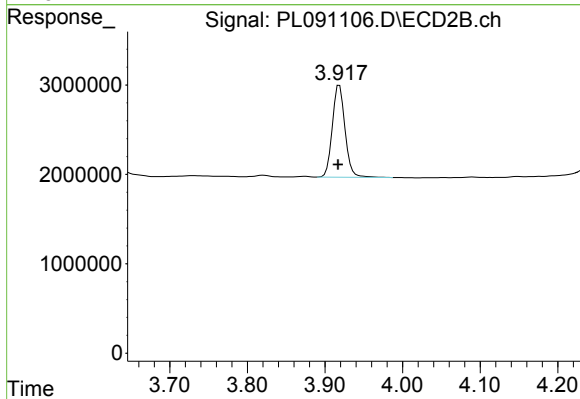
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: 0.000 min
Response: 22930722
Conc: 8.71 ng/ml m



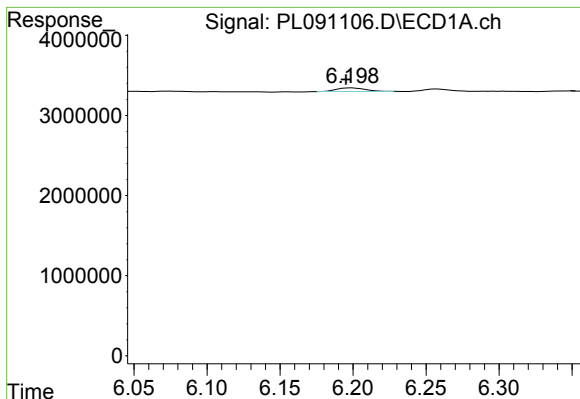
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.002 min
Response: 14105081
Conc: 10.43 ng/ml



#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: 0.002 min
Response: 11717367
Conc: 9.95 ng/ml



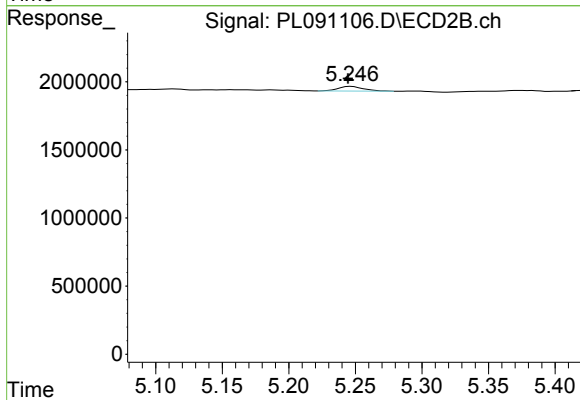
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 635279
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

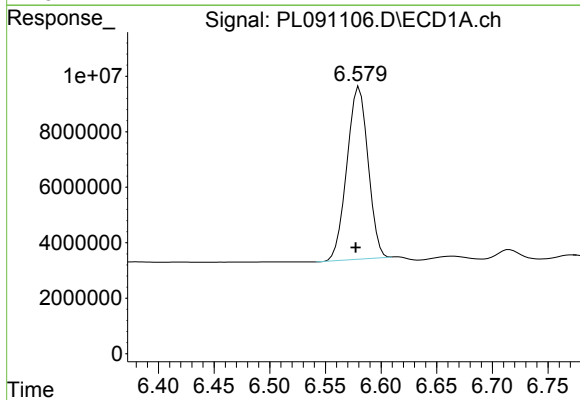
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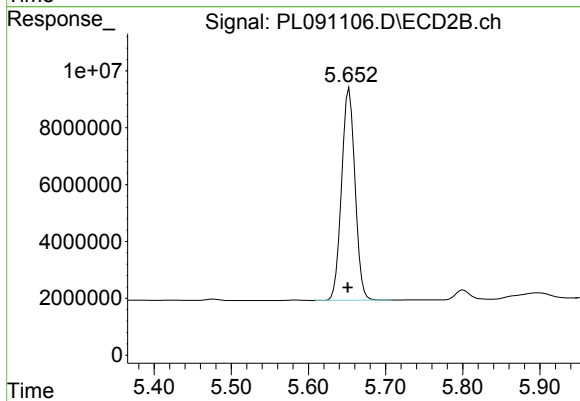
#12 4,4'-DDE

R.T.: 5.246 min
Delta R.T.: 0.001 min
Response: 455011
Conc: 0.22 ng/ml m



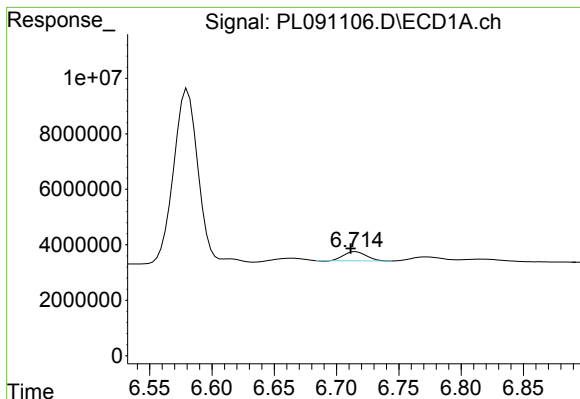
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.003 min
Response: 82307232
Conc: 42.44 ng/ml



#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.002 min
Response: 89931923
Conc: 44.15 ng/ml



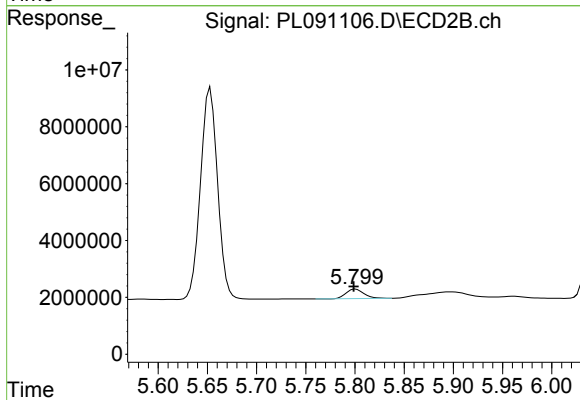
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.004 min
Response: 4106802
Conc: 2.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

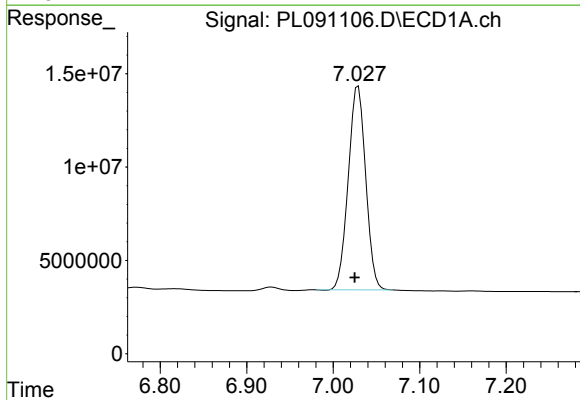
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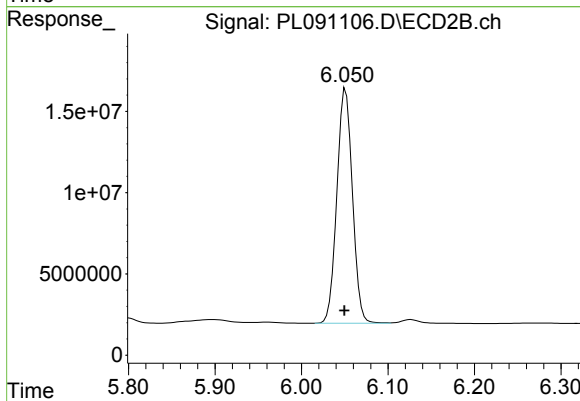
#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: 0.002 min
Response: 4255770
Conc: 2.58 ng/ml



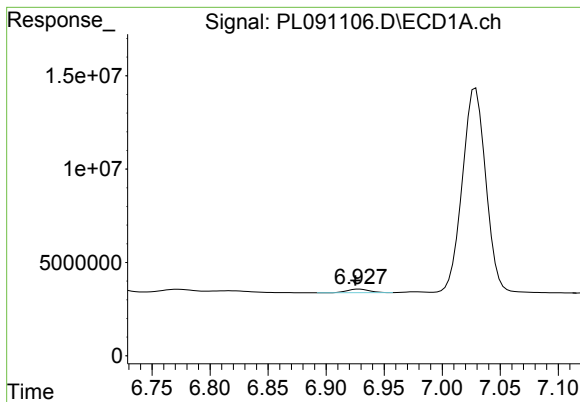
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.004 min
Response: 152389150
Conc: 85.85 ng/ml



#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: 0.002 min
Response: 179671982
Conc: 101.14 ng/ml



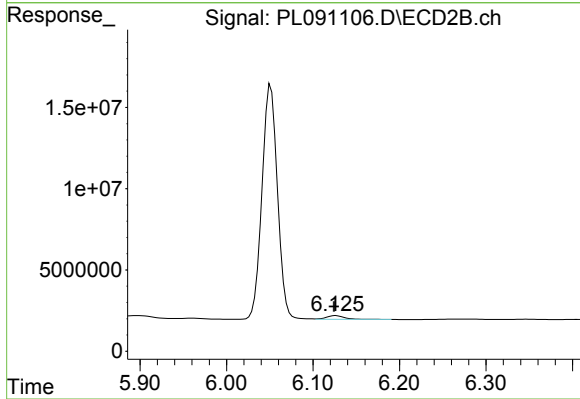
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.004 min
Response: 2557444
Conc: 1.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

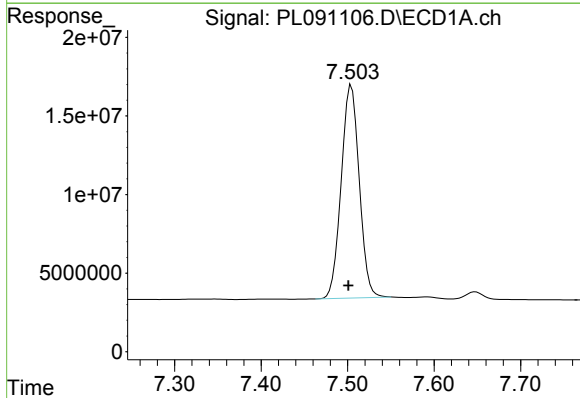
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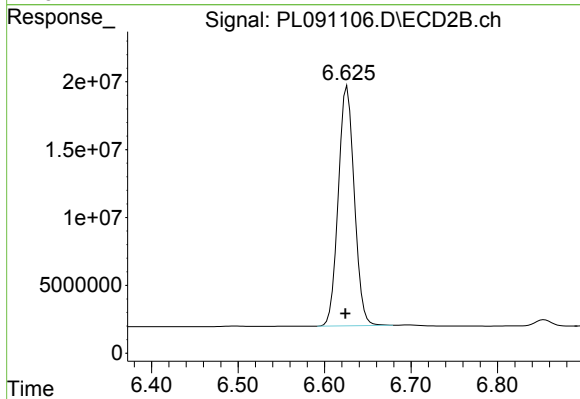
#18 Endrin aldehyde

R.T.: 6.126 min
Delta R.T.: 0.002 min
Response: 3427160
Conc: 2.20 ng/ml



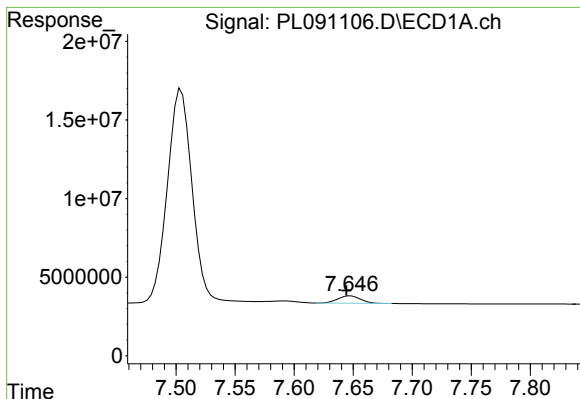
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.004 min
Response: 195408204
Conc: 207.82 ng/ml



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: 0.002 min
Response: 225489995
Conc: 227.08 ng/ml



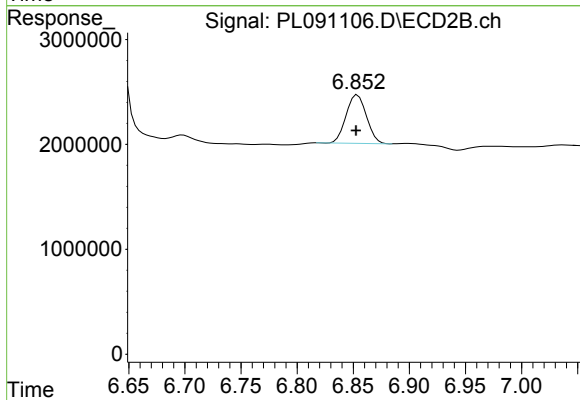
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.002 min
Response: 6314363
Conc: 3.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

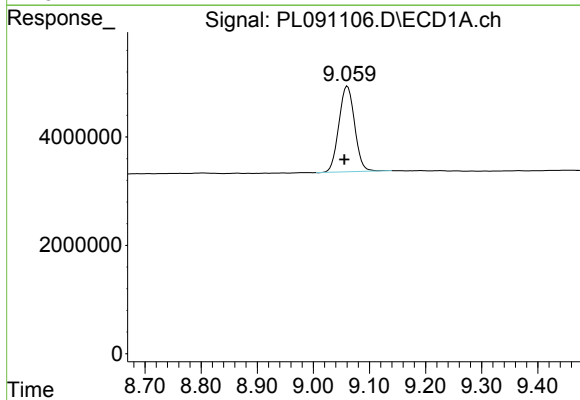
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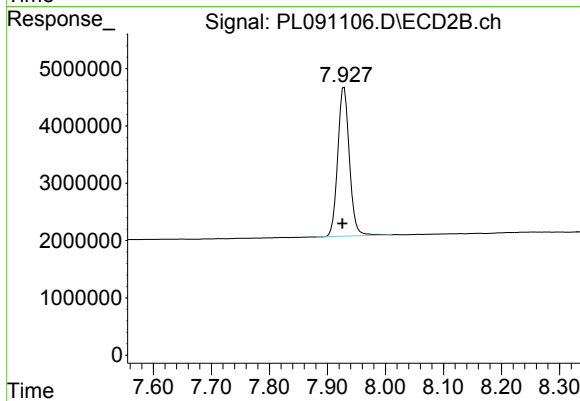
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: 0.001 min
Response: 5828809
Conc: 2.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.006 min
Response: 30872452
Conc: 20.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: 0.003 min
Response: 36351454
Conc: 19.19 ng/ml