

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032223\
 Data File : PL081603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2023 17:47
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/23/2023
 Supervised By : Ankita Jodhani 03/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:34:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.329	2.659	42129736	37598592	18.113	18.836
28)	SA Decachlor...	8.750	7.777	34188772	37761352	19.104	19.040
Target Compounds							
2)	A alpha-BHC	3.778	3.157	28862875	25539896	8.419	8.762
3)	MA gamma-BHC...	4.106	3.485	27749890	23574488	8.735	8.467
6)	B beta-BHC	4.308	3.784	14801125	11800485	9.834	9.908
14)	MA Endrin	6.330	5.505	89773775	89528437	42.442	44.240
16)	A 4,4'-DDD	6.474	5.654	751664	564003	0.417m	0.372m
17)	MA 4,4'-DDT	6.786	5.904	181.8E6	171.3E6	89.556	99.380
18)	B Endrin al...	6.682	5.981	2158217	3778809	1.319	2.433m#
20)	A Methoxychlor	7.266	6.484	242.8E6	232.7E6	225.442	233.619
21)	B Endrin ke...	7.393	6.709	3504555	4234307	1.673m	1.981

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

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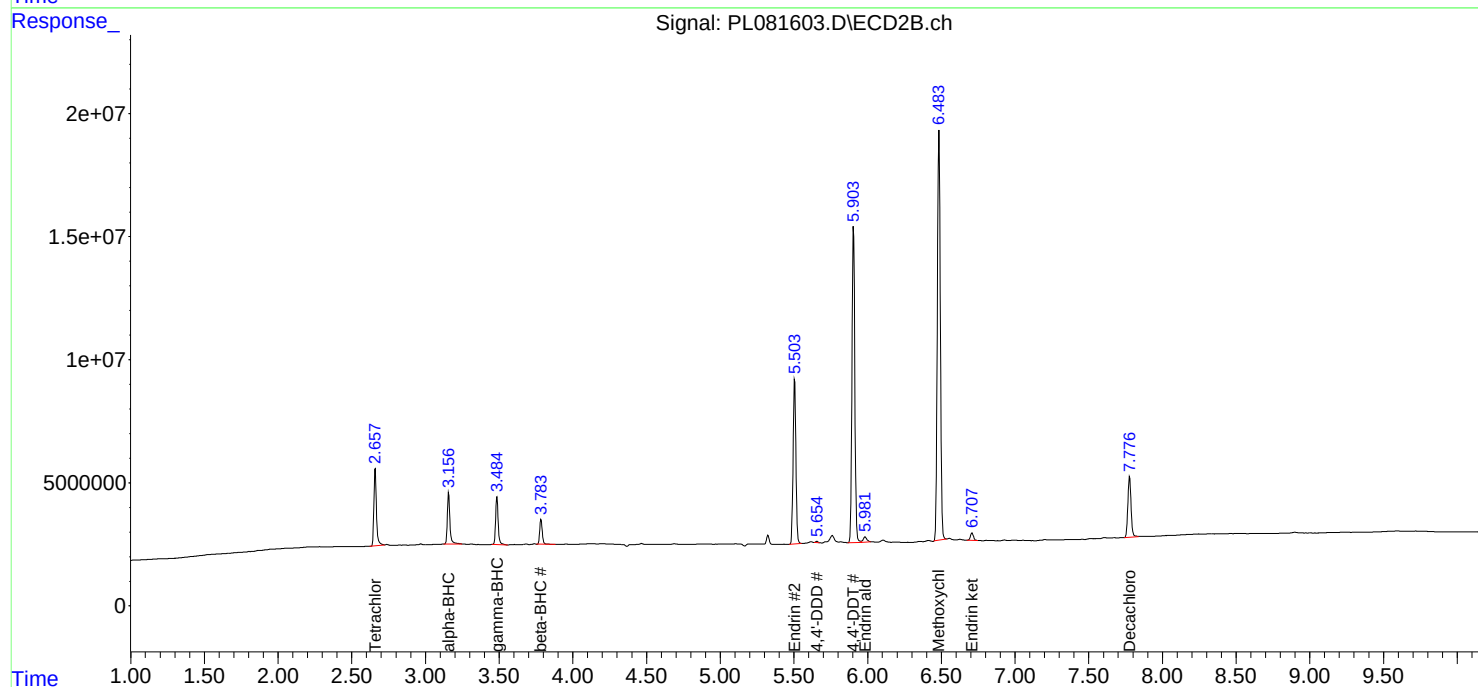
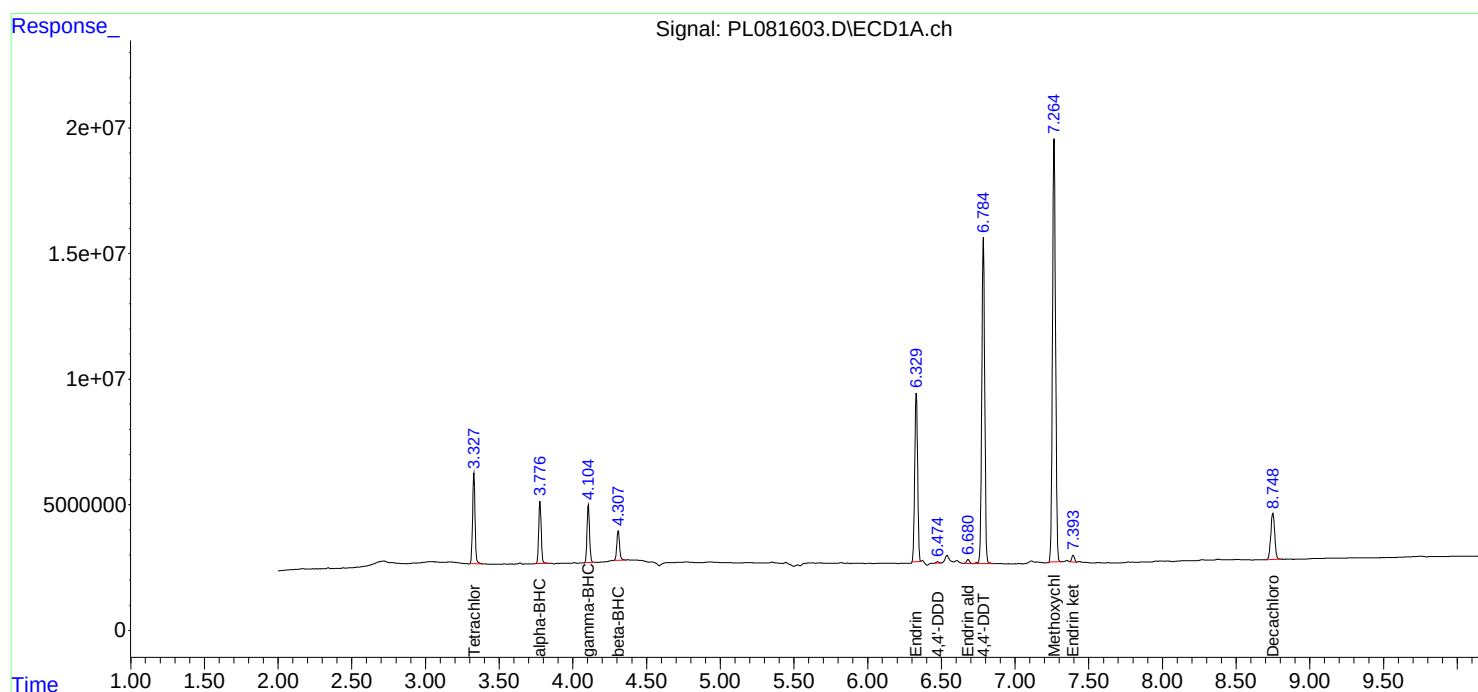
Instrument :
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ClientSampleId :
PEM

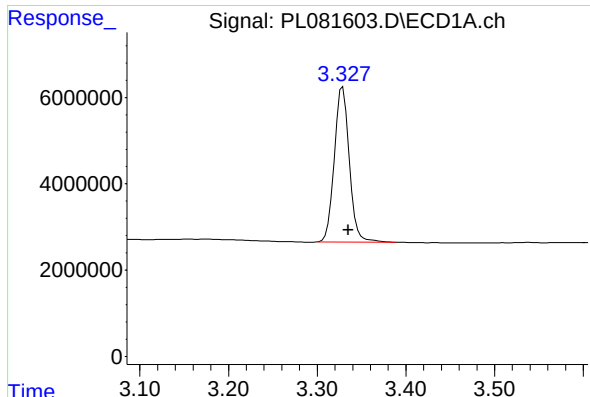
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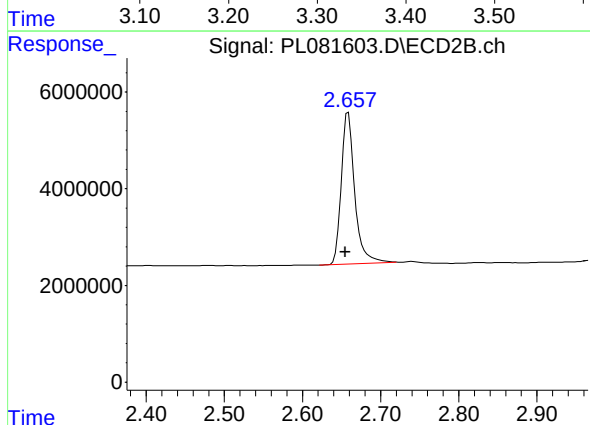
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 42129736
Conc: 18.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

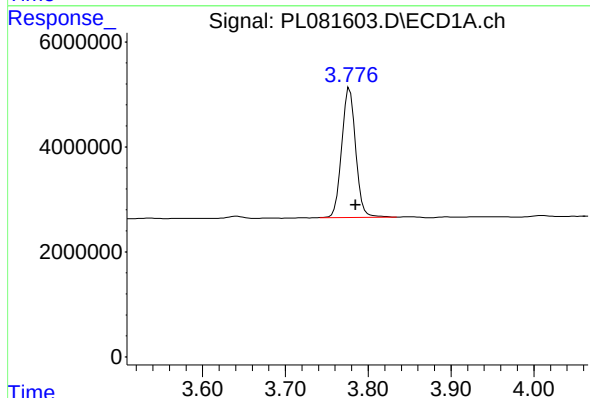
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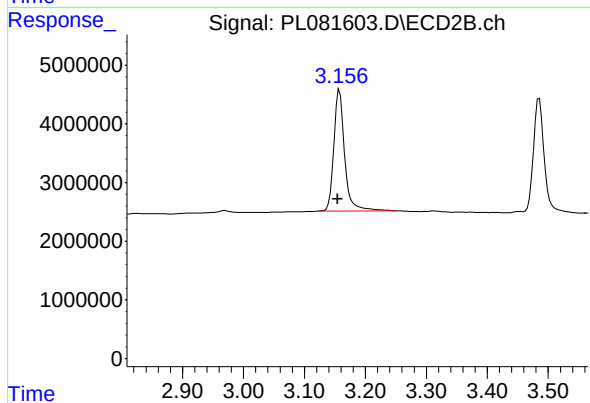
#1 Tetrachloro-m-xylene

R.T.: 2.659 min
Delta R.T.: 0.004 min
Response: 37598592
Conc: 18.84 ng/ml



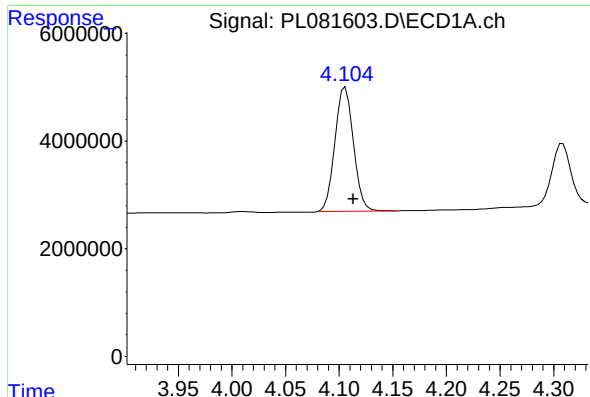
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.007 min
Response: 28862875
Conc: 8.42 ng/ml



#2 alpha-BHC

R.T.: 3.157 min
Delta R.T.: 0.003 min
Response: 25539896
Conc: 8.76 ng/ml



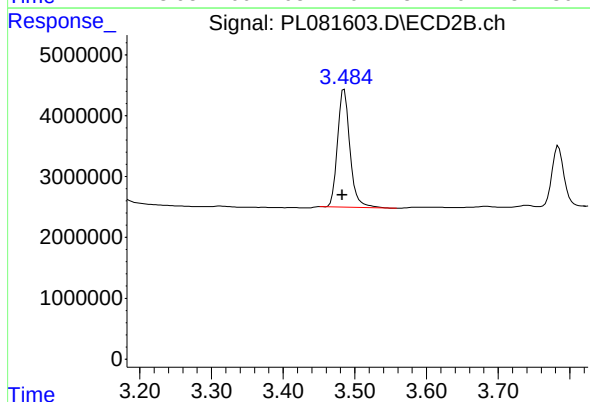
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.008 min
Response: 27749890
Conc: 8.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

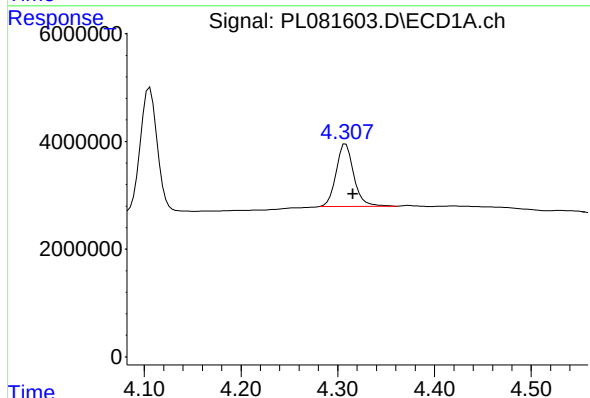
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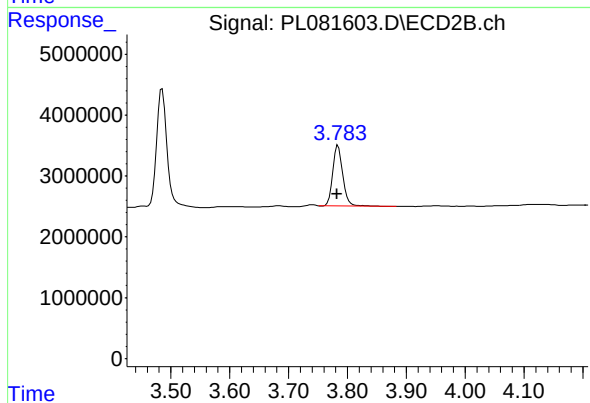
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.002 min
Response: 23574488
Conc: 8.47 ng/ml



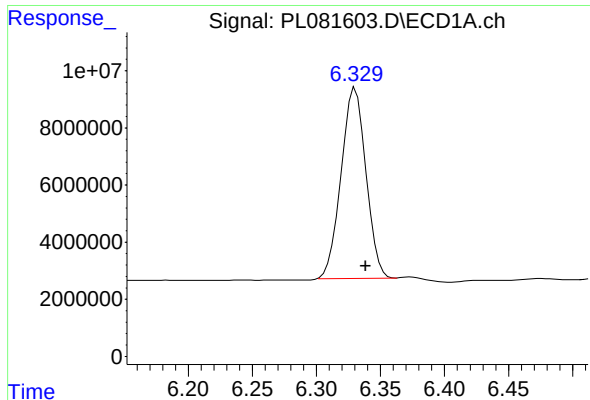
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: -0.007 min
Response: 14801125
Conc: 9.83 ng/ml



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: 0.002 min
Response: 11800485
Conc: 9.91 ng/ml



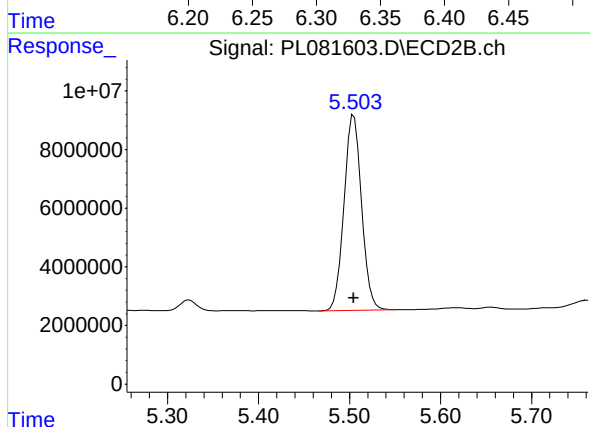
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 89773775
Conc: 42.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

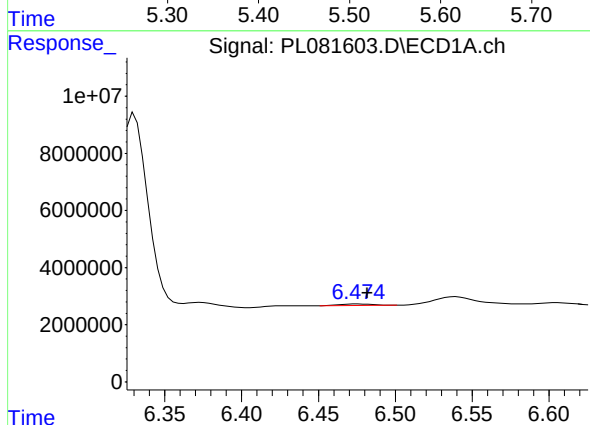
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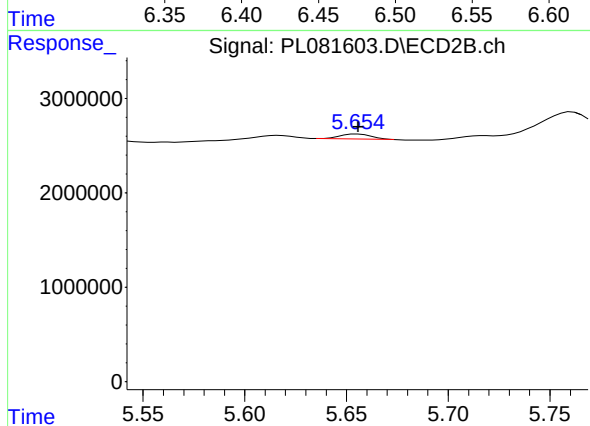
#14 Endrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 89528437
Conc: 44.24 ng/ml



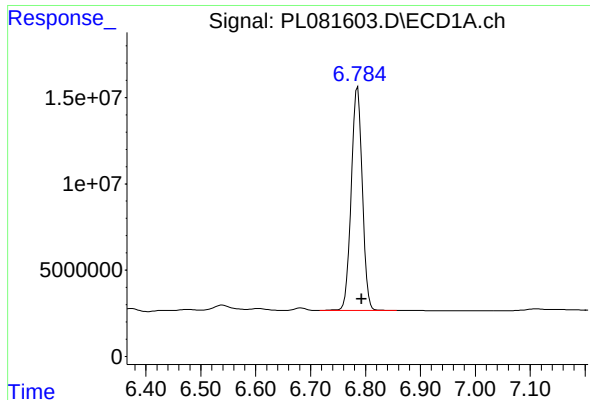
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: -0.008 min
Response: 751664
Conc: 0.42 ng/ml m



#16 4,4'-DDD

R.T.: 5.654 min
Delta R.T.: -0.001 min
Response: 564003
Conc: 0.37 ng/ml m



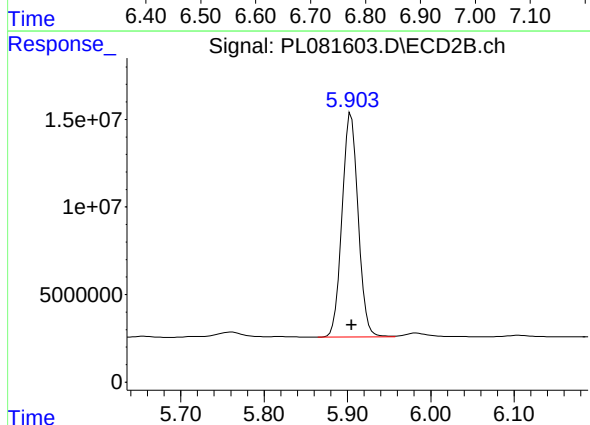
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 181766817
Conc: 89.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

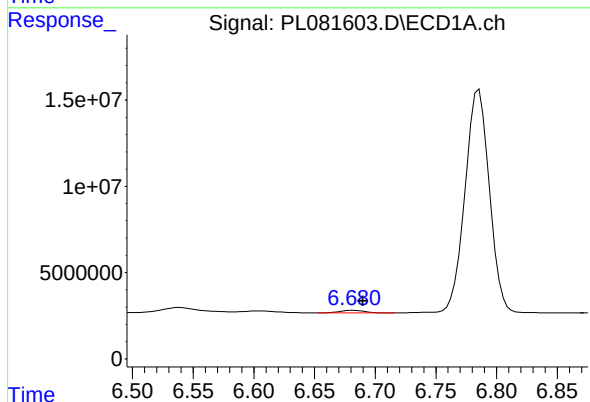
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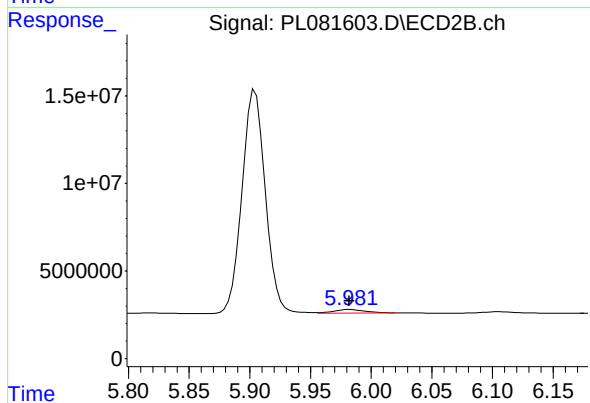
#17 4,4'-DDT

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 171258518
Conc: 99.38 ng/ml



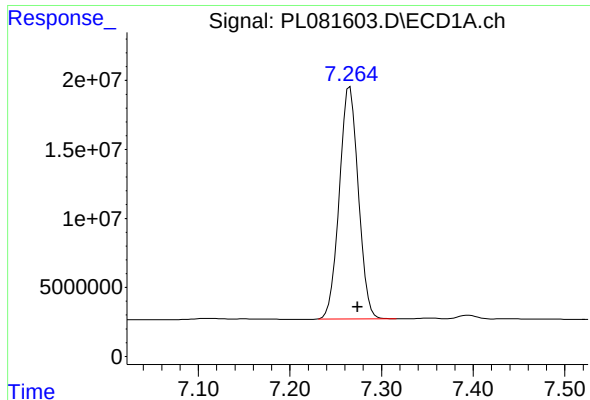
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: -0.008 min
Response: 2158217
Conc: 1.32 ng/ml



#18 Endrin aldehyde

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 3778809
Conc: 2.43 ng/ml m



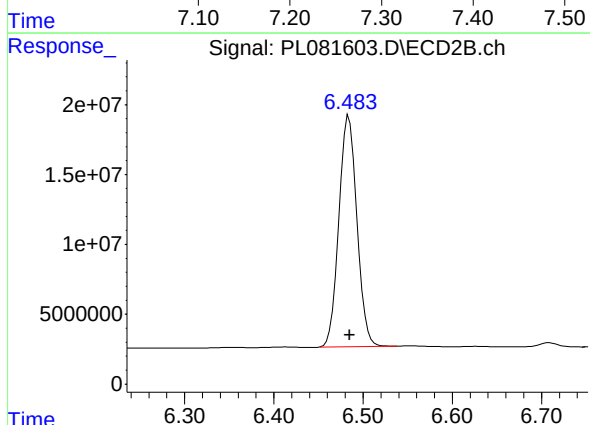
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 242777321
Conc: 225.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

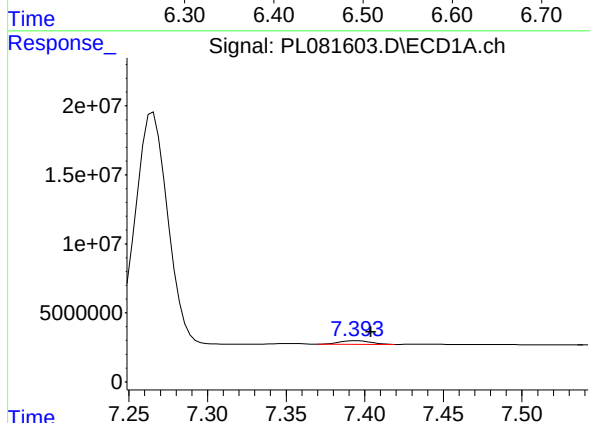
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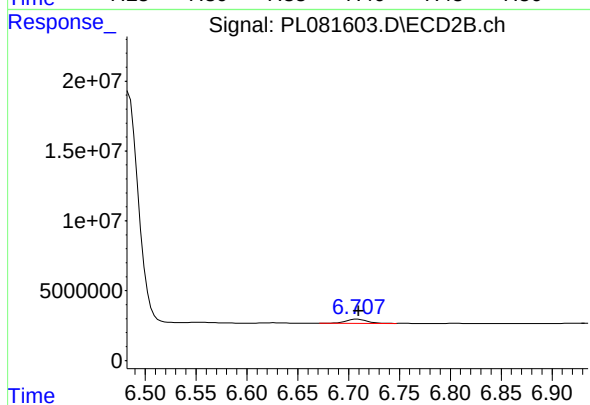
#20 Methoxychlor

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 232693359
Conc: 233.62 ng/ml



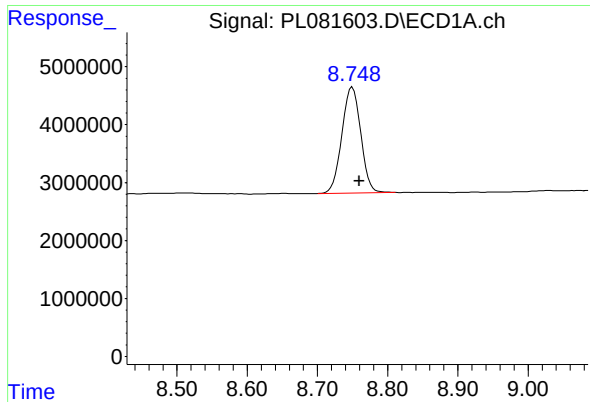
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: -0.010 min
Response: 3504555
Conc: 1.67 ng/ml m



#21 Endrin ketone

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 4234307
Conc: 1.98 ng/ml



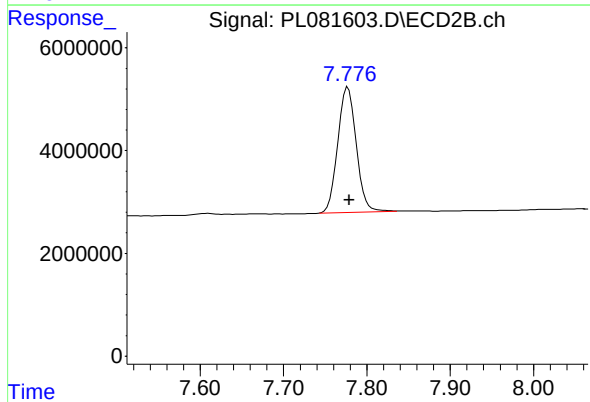
#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.010 min
Response: 34188772
Conc: 19.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.777 min
Delta R.T.: -0.001 min
Response: 37761352
Conc: 19.04 ng/ml