

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030823\
 Data File : PL081311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2023 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 03/09/2023
 Supervised By : Ankita Jodhani 03/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 20:24:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.336	2.666	45073236	39768573	20.862	19.650
28)	SA Decachlor...	8.762	7.789	33592501	38658107	22.035	20.181
Target Compounds							
2)	A alpha-BHC	3.785	3.166	30518476	25208910	9.593	8.602
3)	MA gamma-BHC...	4.114	3.494	29448992	24143423	9.954	8.776
6)	B beta-BHC	4.317	3.794	14695477	12534551	10.676	10.800
12)	B 4,4'-DDE	5.967	5.111	343203	412670	0.175	0.210m
14)	MA Endrin	6.340	5.516	83981720	85703164	46.208	42.646
16)	A 4,4'-DDD	6.483	5.667	12965726	11442616	8.423	7.459
17)	MA 4,4'-DDT	6.795	5.916	148.1E6	152.7E6	93.331	95.184
18)	B Endrin al...	6.690	5.993	3044347	3827144	2.127m	2.526
20)	A Methoxychlor	7.276	6.496	202.3E6	211.1E6	234.903	227.480
21)	B Endrin ke...	7.406	6.721	7349392	8201246	4.051	3.809

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

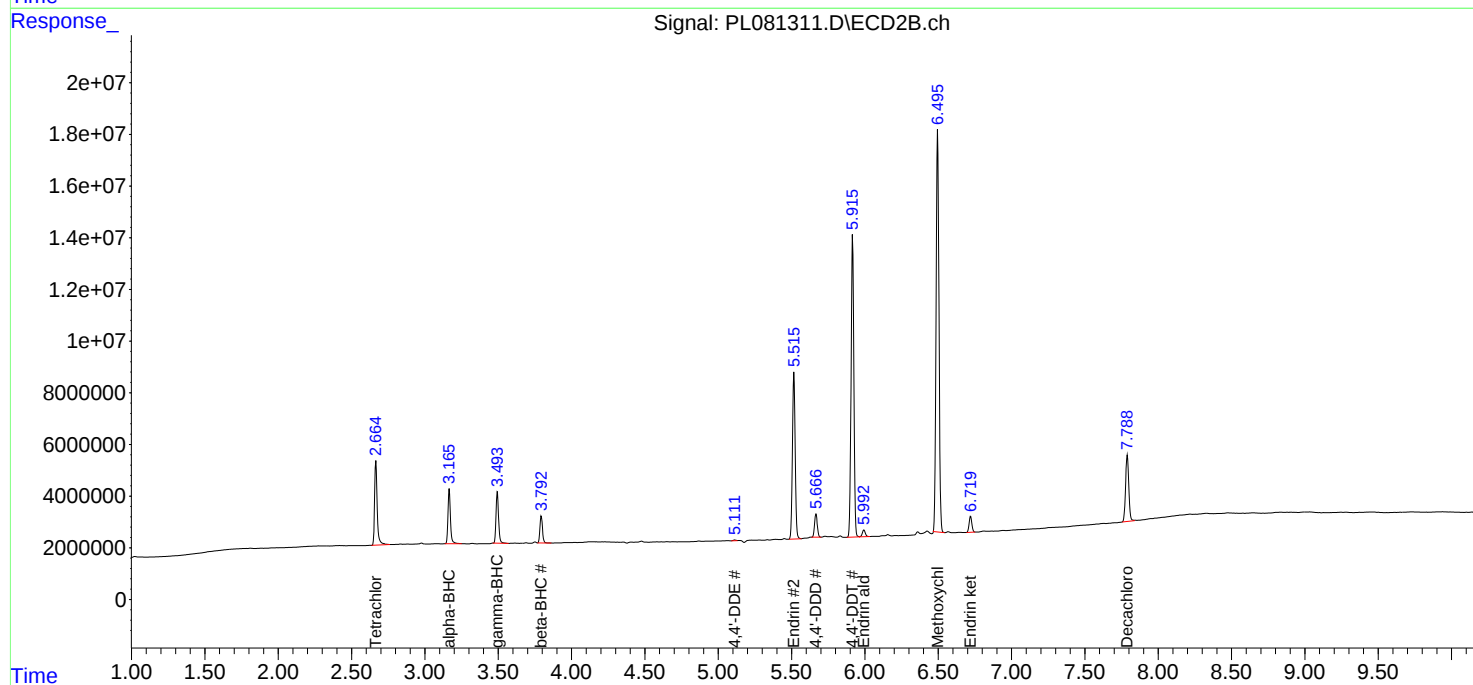
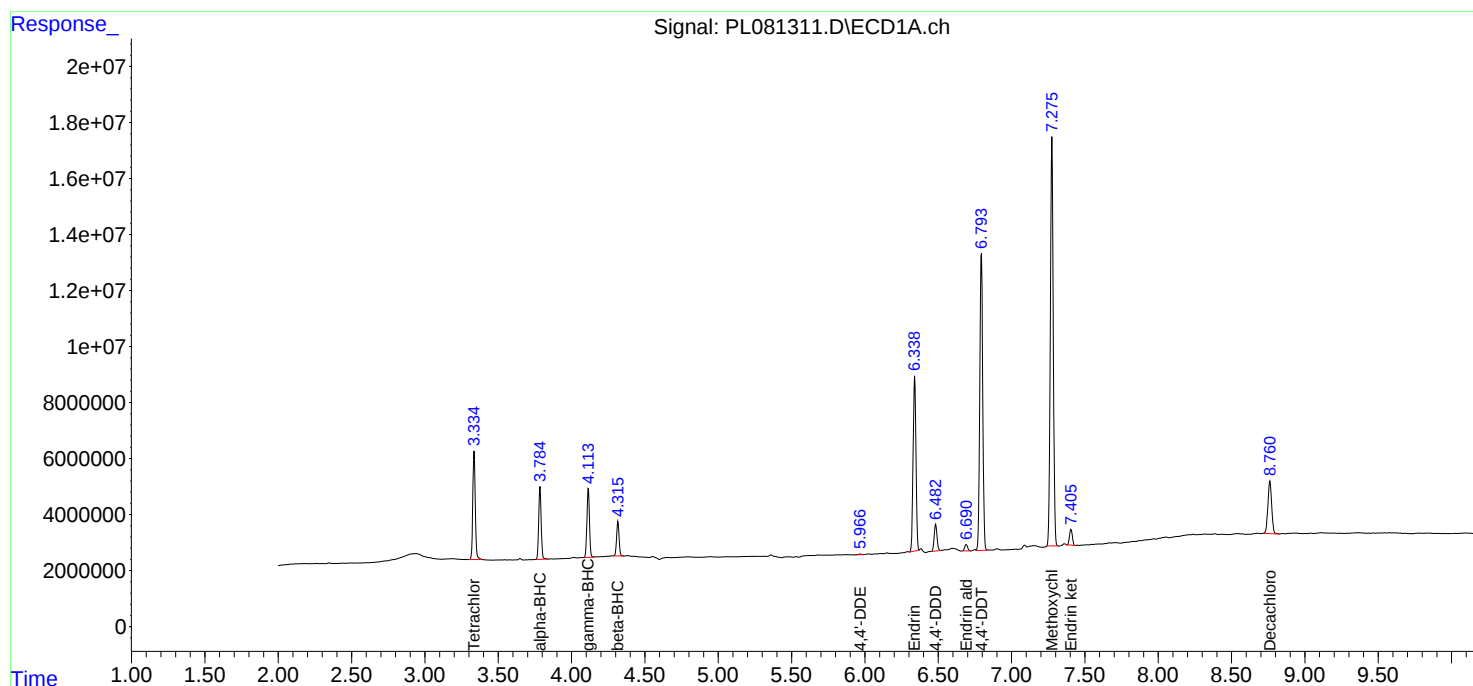
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PEM

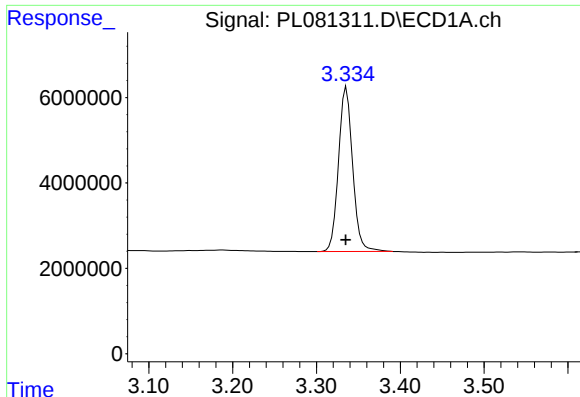
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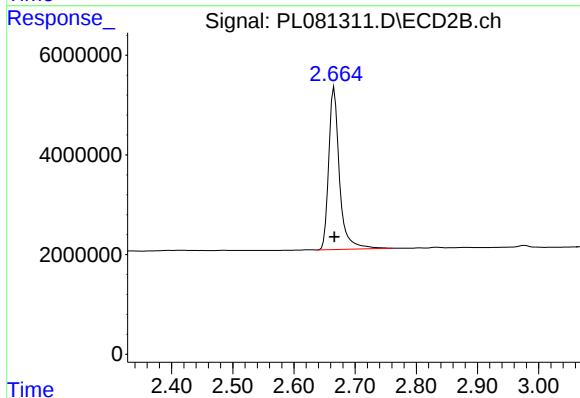
#1 Tetrachloro-m-xylene

R.T.: 3.336 min
Delta R.T.: 0.000 min
Response: 45073236
Conc: 20.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

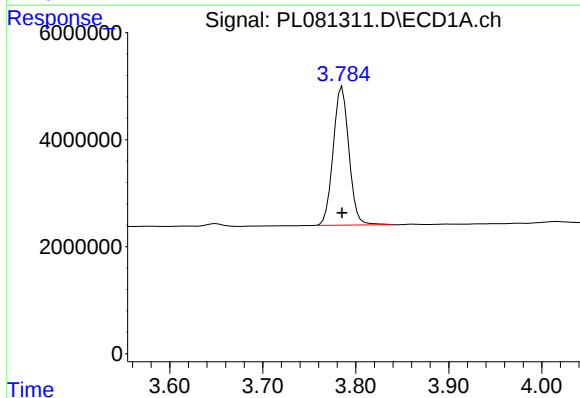
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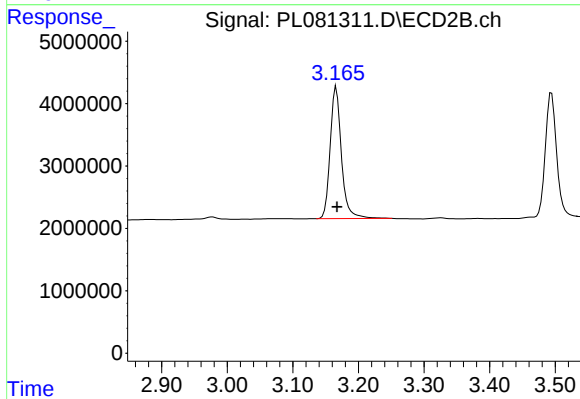
#1 Tetrachloro-m-xylene

R.T.: 2.666 min
Delta R.T.: 0.000 min
Response: 39768573
Conc: 19.65 ng/ml



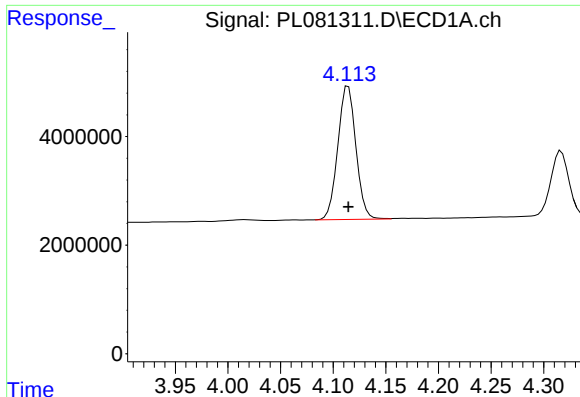
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 30518476
Conc: 9.59 ng/ml



#2 alpha-BHC

R.T.: 3.166 min
Delta R.T.: -0.002 min
Response: 25208910
Conc: 8.60 ng/ml



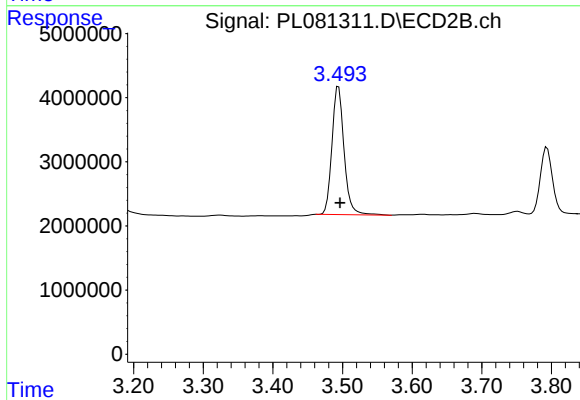
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 29448992
Conc: 9.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

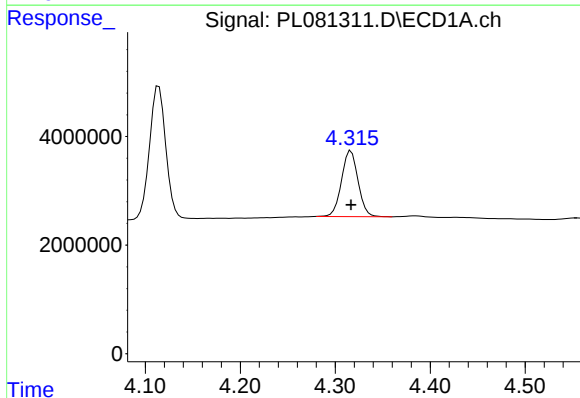
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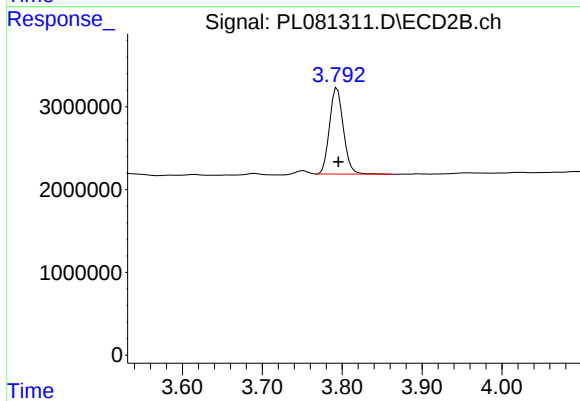
#3 gamma-BHC (Lindane)

R.T.: 3.494 min
Delta R.T.: -0.002 min
Response: 24143423
Conc: 8.78 ng/ml



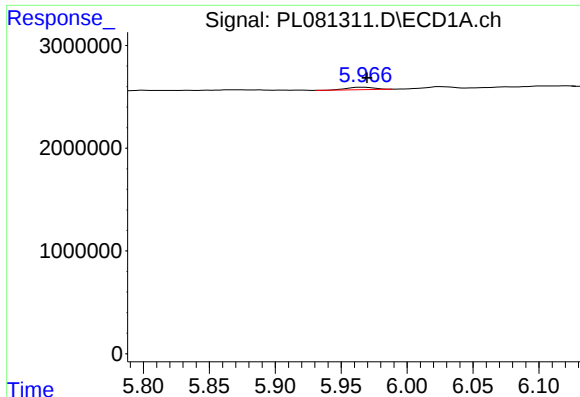
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 14695477
Conc: 10.68 ng/ml



#6 beta-BHC

R.T.: 3.794 min
Delta R.T.: -0.002 min
Response: 12534551
Conc: 10.80 ng/ml



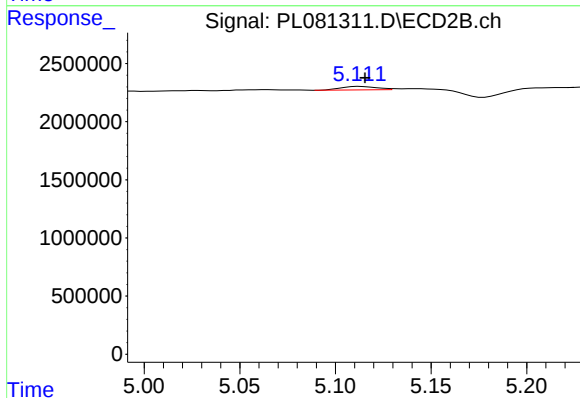
#12 4,4'-DDE

R.T.: 5.967 min
Delta R.T.: -0.003 min
Response: 343203
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

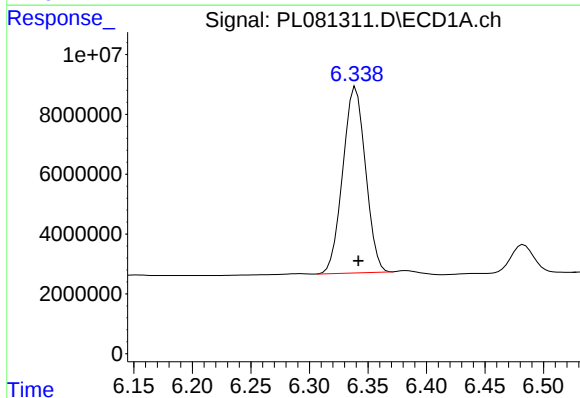
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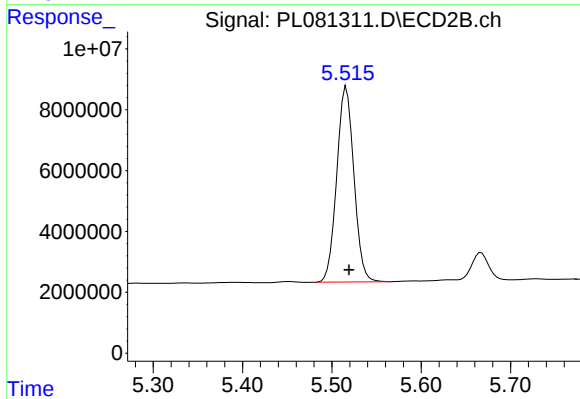
#12 4,4'-DDE

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 412670
Conc: 0.21 ng/ml m



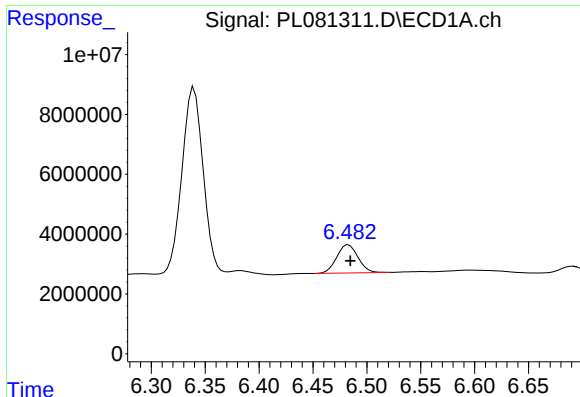
#14 Endrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 83981720
Conc: 46.21 ng/ml



#14 Endrin

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 85703164
Conc: 42.65 ng/ml



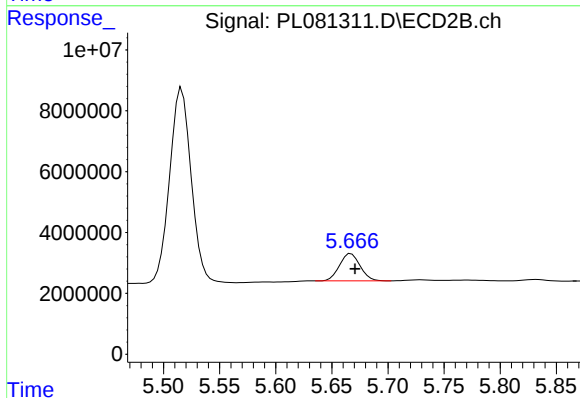
#16 4,4'-DDD

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 12965726
Conc: 8.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

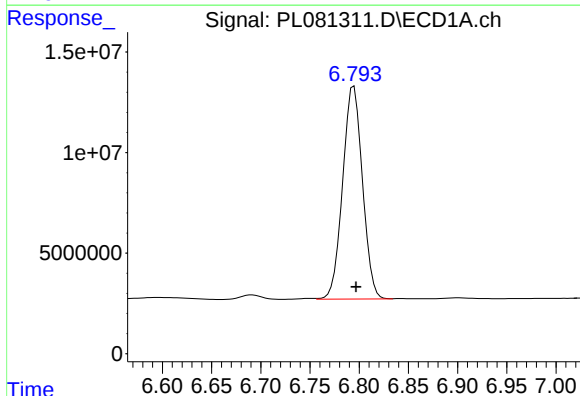
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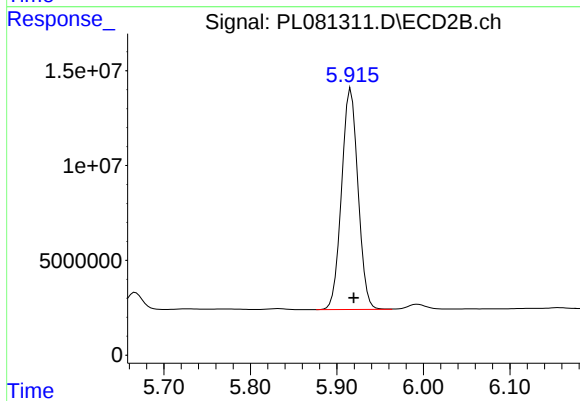
#16 4,4'-DDD

R.T.: 5.667 min
Delta R.T.: -0.004 min
Response: 11442616
Conc: 7.46 ng/ml



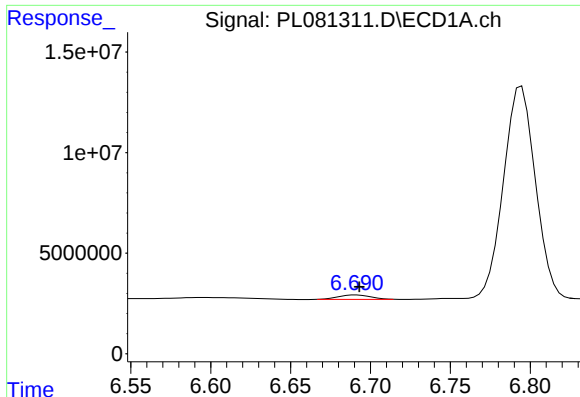
#17 4,4'-DDT

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 148145572
Conc: 93.33 ng/ml



#17 4,4'-DDT

R.T.: 5.916 min
Delta R.T.: -0.004 min
Response: 152704934
Conc: 95.18 ng/ml



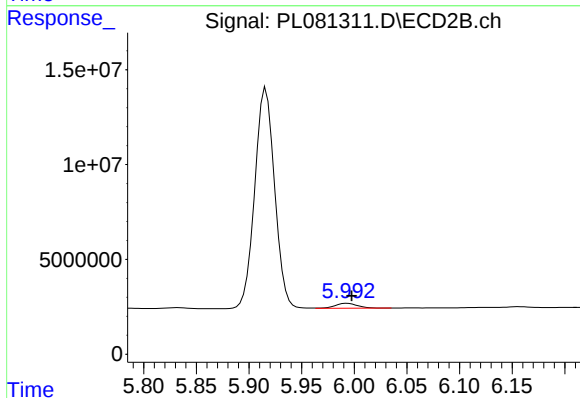
#18 Endrin aldehyde

R.T.: 6.690 min
Delta R.T.: -0.003 min
Response: 3044347
Conc: 2.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

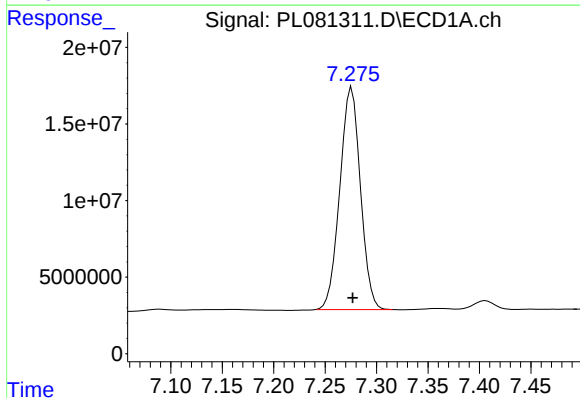
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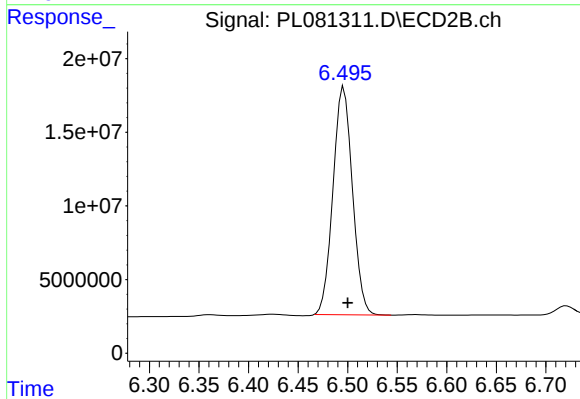
#18 Endrin aldehyde

R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 3827144
Conc: 2.53 ng/ml



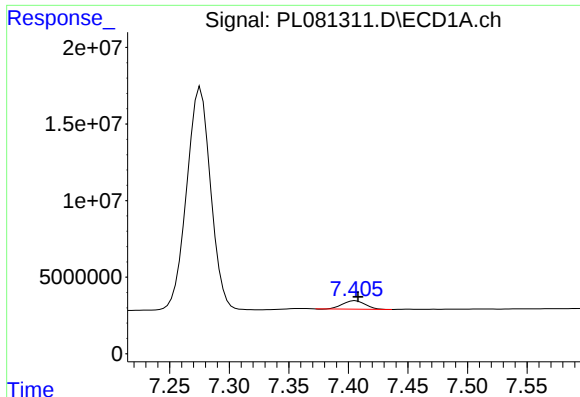
#20 Methoxychlor

R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 202337034
Conc: 234.90 ng/ml



#20 Methoxychlor

R.T.: 6.496 min
Delta R.T.: -0.004 min
Response: 211122482
Conc: 227.48 ng/ml



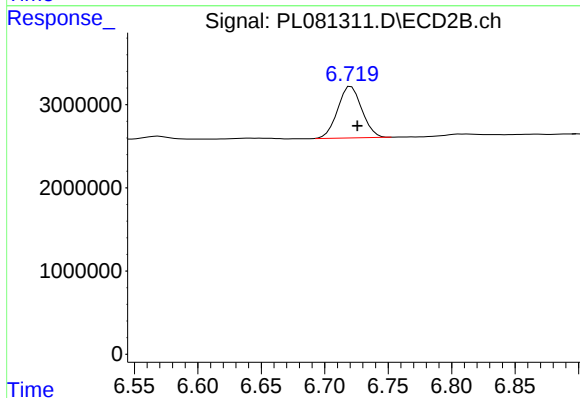
#21 Endrin ketone

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 7349392
Conc: 4.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

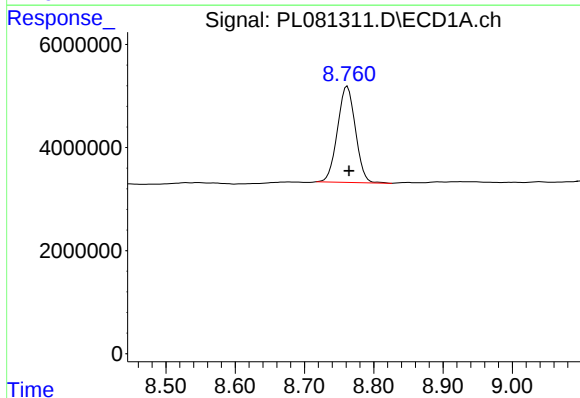
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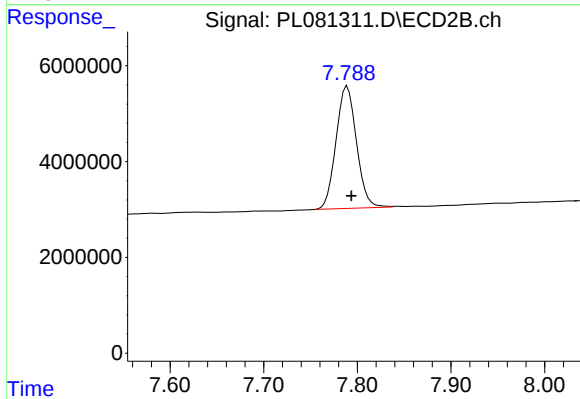
#21 Endrin ketone

R.T.: 6.721 min
Delta R.T.: -0.005 min
Response: 8201246
Conc: 3.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.762 min
Delta R.T.: -0.003 min
Response: 33592501
Conc: 22.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.789 min
Delta R.T.: -0.004 min
Response: 38658107
Conc: 20.18 ng/ml