

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030223\
 Data File : PL081181.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2023 16:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 01:53:06 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...	3.335	2.666	41336411	38439703	19.132	18.994
28) SA Decachlor...	8.766	7.794	29370583	37198733	19.265	19.419
Target Compounds						
2) A alpha-BHC	3.785	3.168	28415953	25405185	8.932	8.669
3) MA gamma-BHC...	4.114	3.496	27523147	24120866	9.303	8.768
6) B beta-BHC	4.316	3.795	13635571	11539181	9.906	9.942
12) B 4,4'-DDE	5.965	5.118	1504522	359060	0.769	0.183m#
14) MA Endrin	6.342	5.520	80733491	91021551	44.421	45.292
16) A 4,4'-DDD	6.492	5.672	438011	365797	0.285m	0.238m
17) MA 4,4'-DDT	6.797	5.920	147.5E6	162.5E6	92.920	101.280
18) B Endrin al...	6.693	5.997	1727314	2493534	1.207m	1.646m#
20) A Methoxychlor	7.277	6.500	205.0E6	224.5E6	237.949	241.898
21) B Endrin ke...	7.406	6.725	3380393	4940755	1.863m	2.295

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

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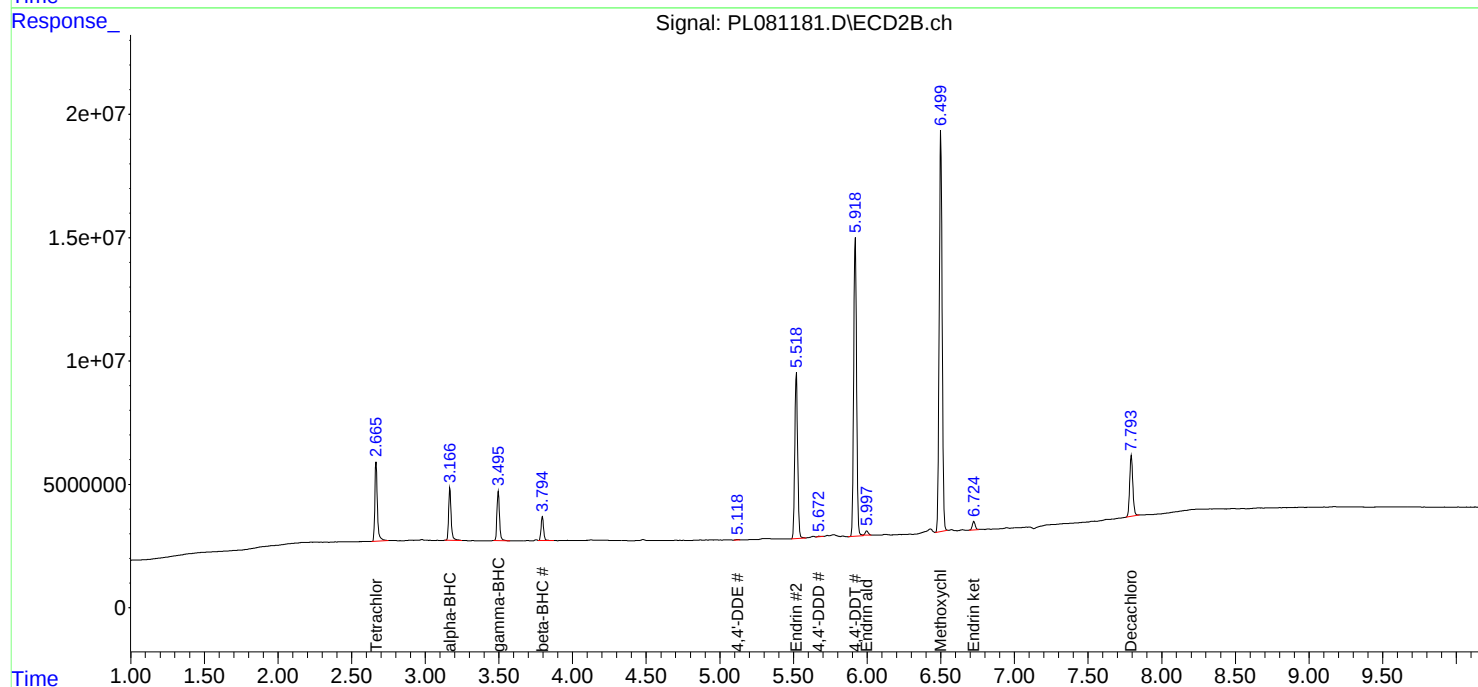
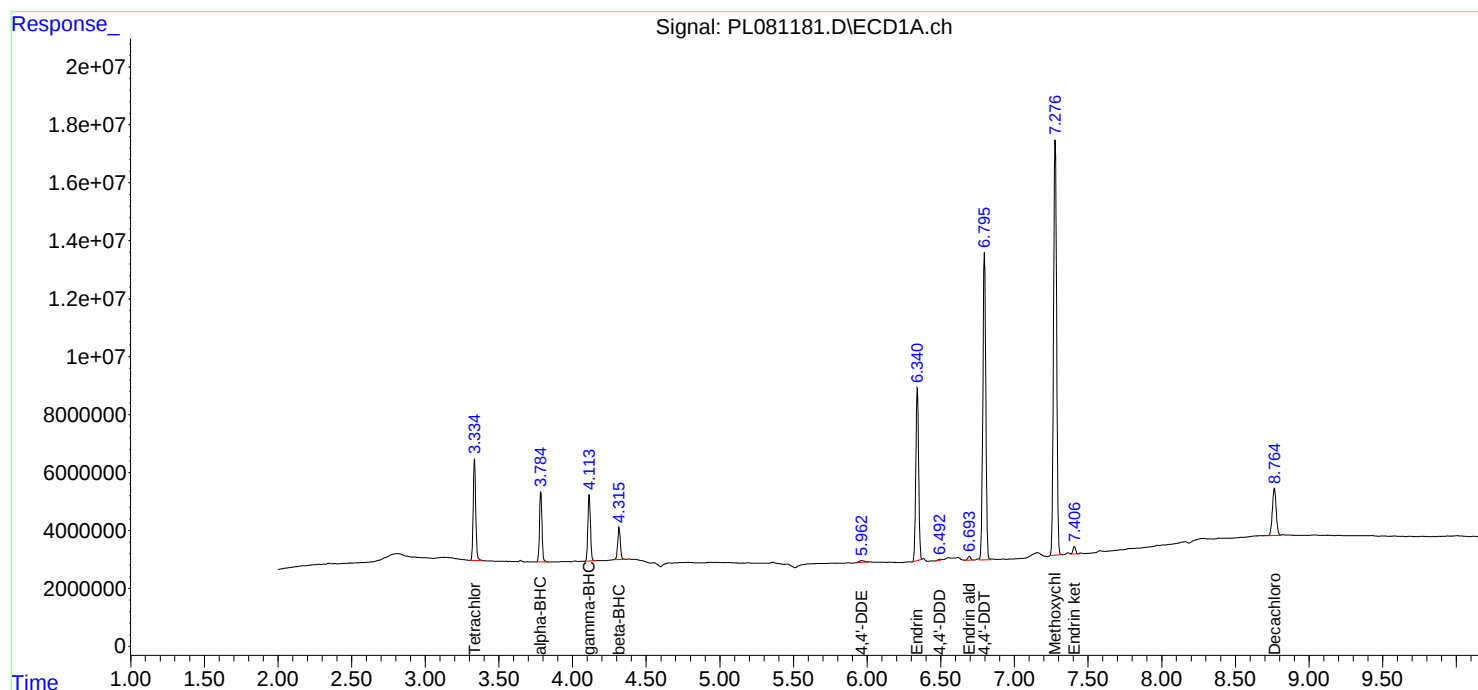
Instrument :
ECD_L
ClientSampleId :
PEM

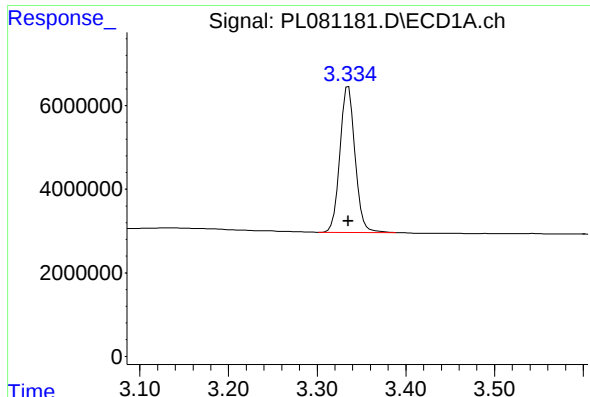
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Integration File signal 1: autoint1.e
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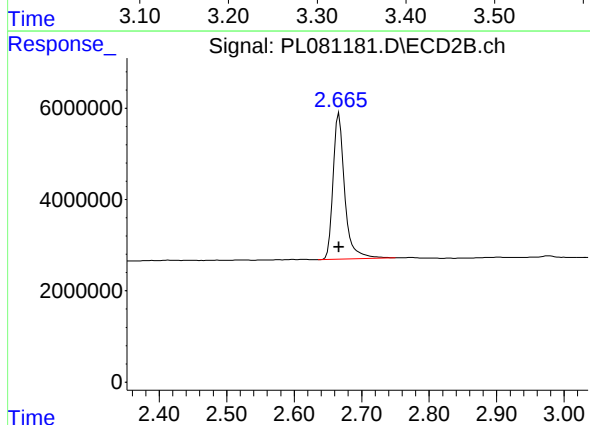
#1 Tetrachloro-m-xylene

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 41336411
Conc: 19.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

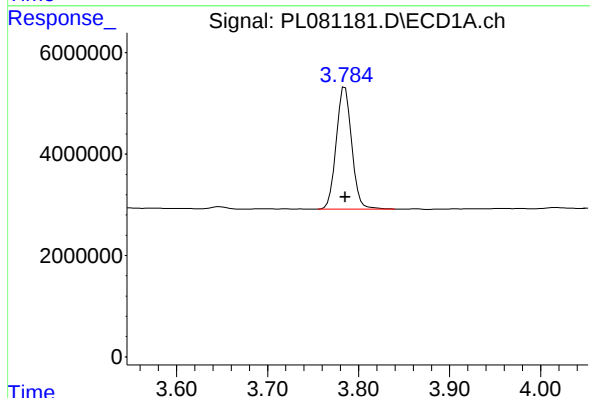
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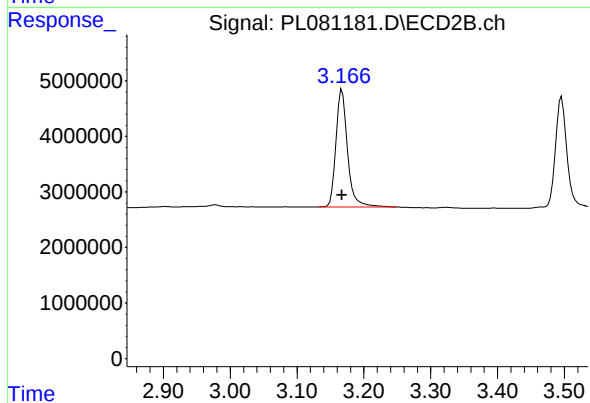
#1 Tetrachloro-m-xylene

R.T.: 2.666 min
Delta R.T.: 0.000 min
Response: 38439703
Conc: 18.99 ng/ml



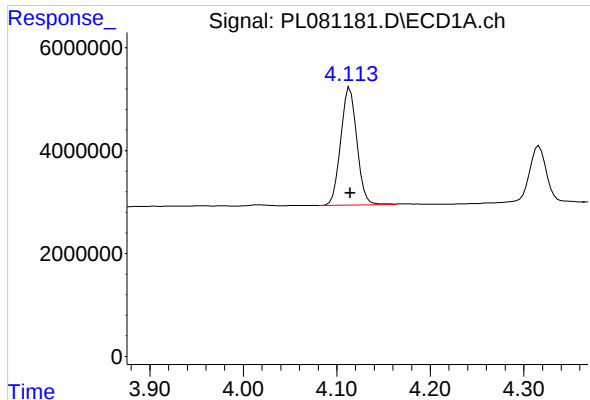
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 28415953
Conc: 8.93 ng/ml



#2 alpha-BHC

R.T.: 3.168 min
Delta R.T.: 0.000 min
Response: 25405185
Conc: 8.67 ng/ml



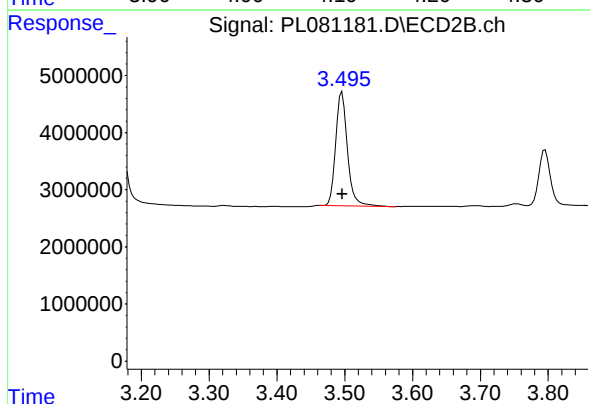
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 27523147
Conc: 9.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

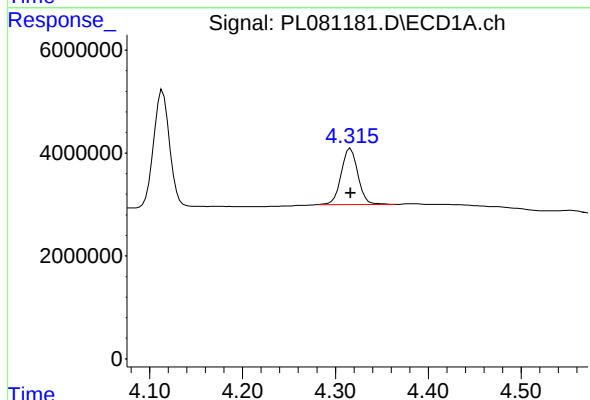
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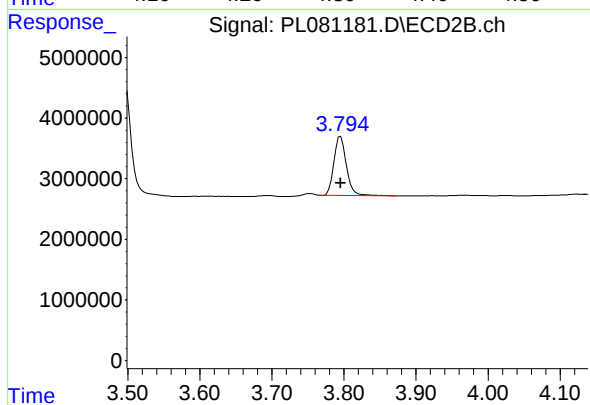
#3 gamma-BHC (Lindane)

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 24120866
Conc: 8.77 ng/ml



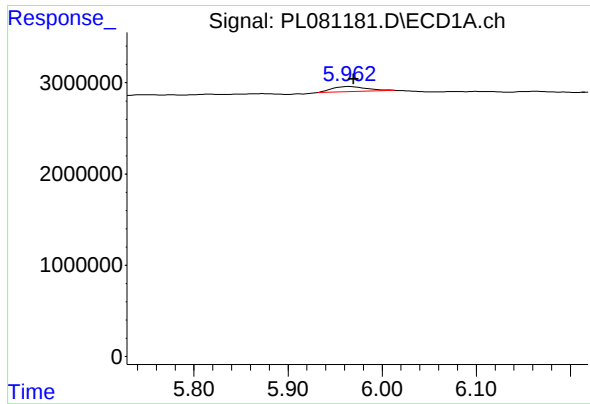
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 13635571
Conc: 9.91 ng/ml



#6 beta-BHC

R.T.: 3.795 min
Delta R.T.: 0.000 min
Response: 11539181
Conc: 9.94 ng/ml



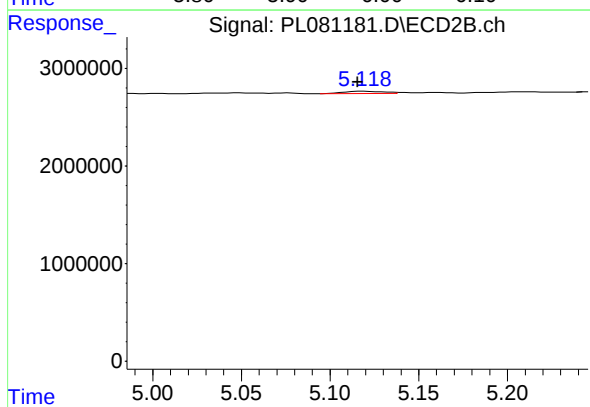
#12 4,4'-DDE

R.T.: 5.965 min
Delta R.T.: -0.005 min
Response: 1504522
Conc: 0.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

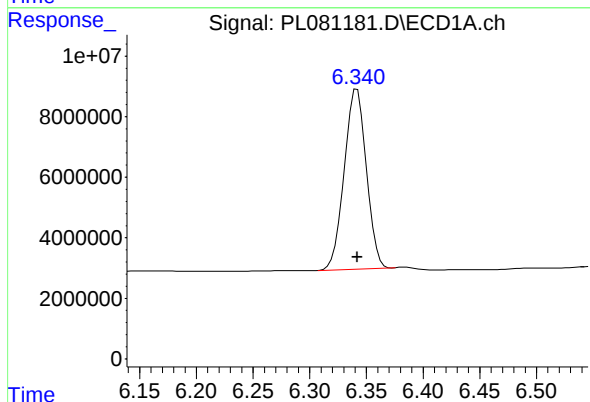
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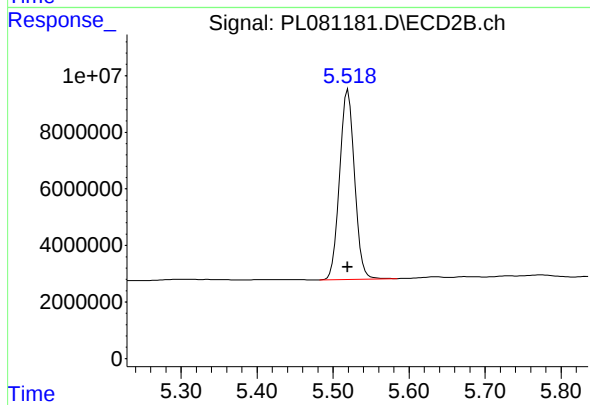
#12 4,4'-DDE

R.T.: 5.118 min
Delta R.T.: 0.002 min
Response: 359060
Conc: 0.18 ng/ml



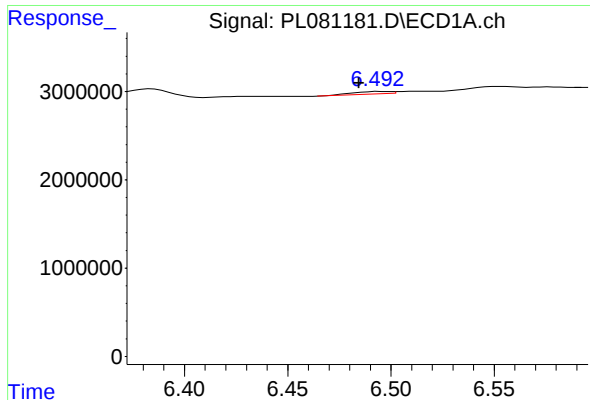
#14 Endrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 80733491
Conc: 44.42 ng/ml



#14 Endrin

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 91021551
Conc: 45.29 ng/ml



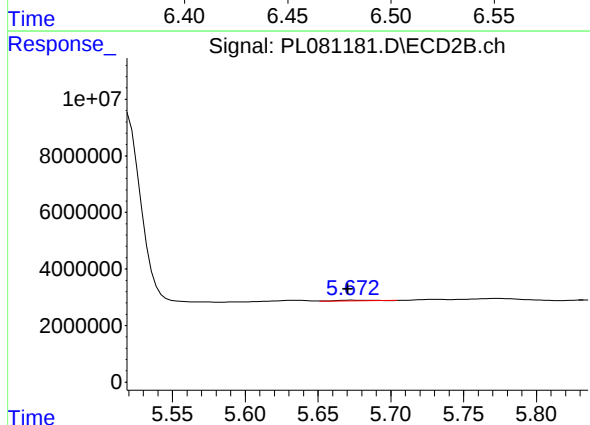
#16 4,4'-DDD

R.T.: 6.492 min
Delta R.T.: 0.007 min
Response: 438011
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

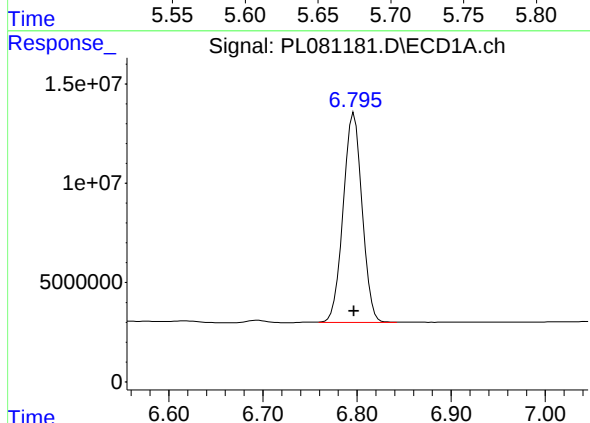
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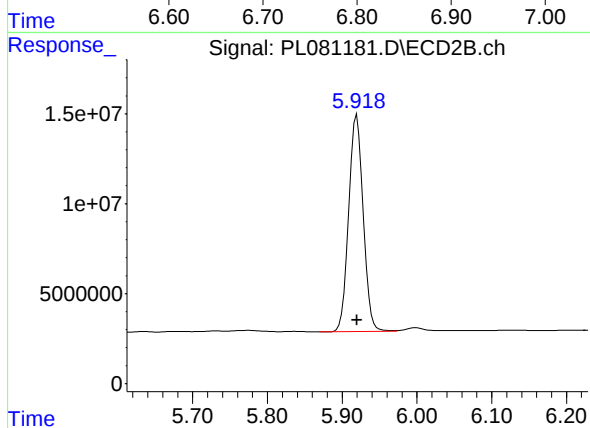
#16 4,4'-DDD

R.T.: 5.672 min
Delta R.T.: 0.002 min
Response: 365797
Conc: 0.24 ng/ml m



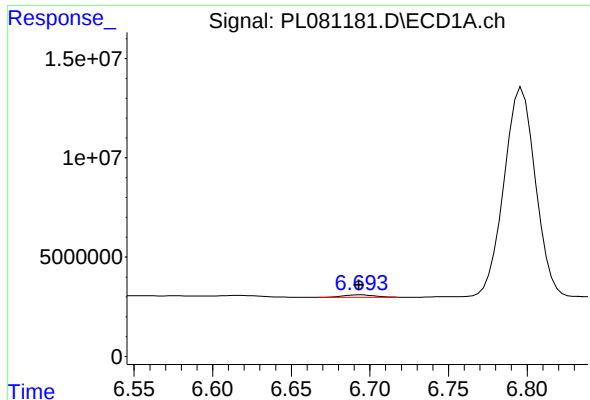
#17 4,4'-DDT

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 147493136
Conc: 92.92 ng/ml



#17 4,4'-DDT

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 162484745
Conc: 101.28 ng/ml



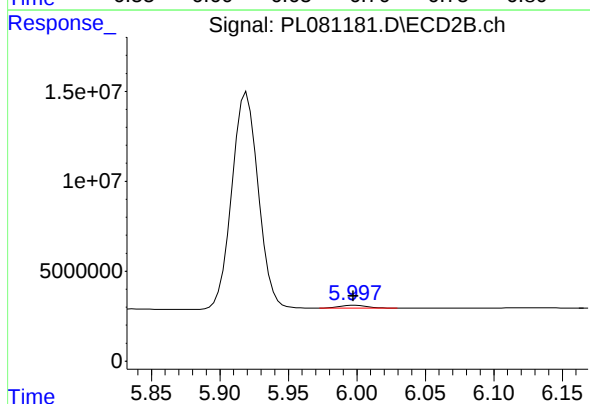
#18 Endrin aldehyde

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 1727314
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

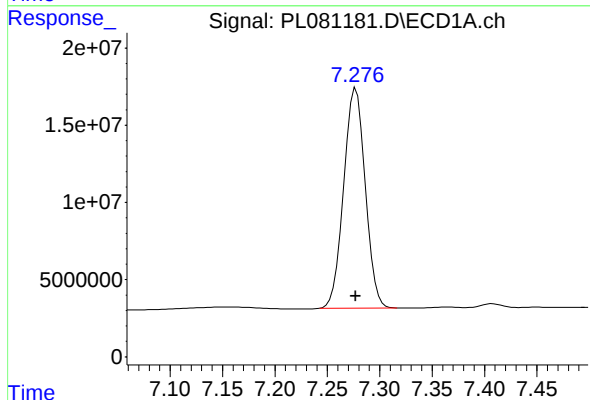
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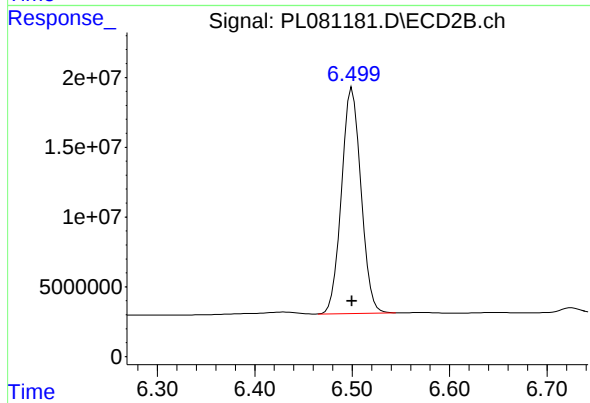
#18 Endrin aldehyde

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 2493534
Conc: 1.65 ng/ml m



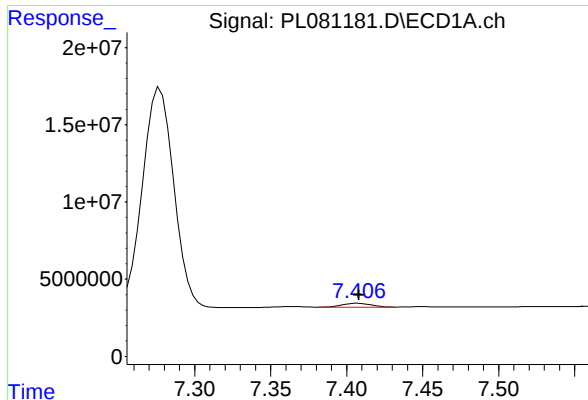
#20 Methoxychlor

R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 204961136
Conc: 237.95 ng/ml



#20 Methoxychlor

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 224503485
Conc: 241.90 ng/ml



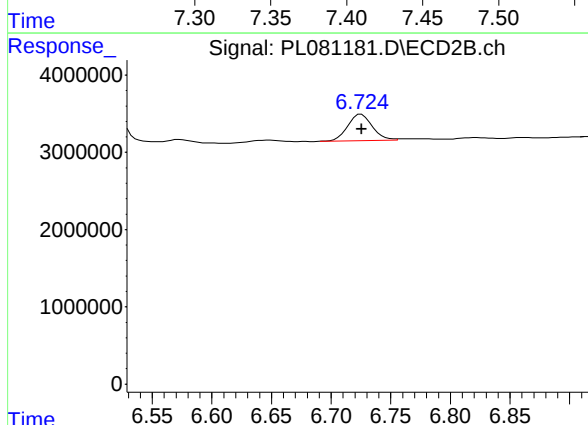
#21 Endrin ketone

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 3380393
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

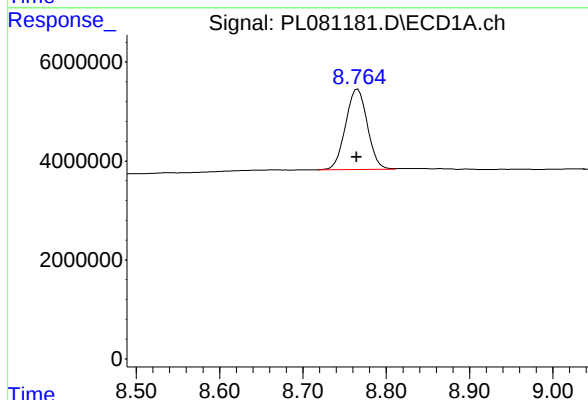
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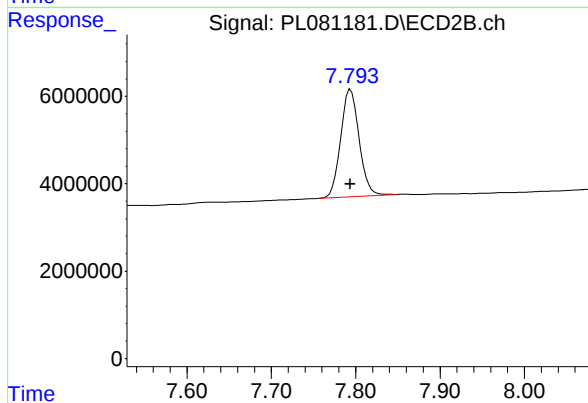
#21 Endrin ketone

R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 4940755
Conc: 2.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.766 min
Delta R.T.: 0.001 min
Response: 29370583
Conc: 19.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 37198733
Conc: 19.42 ng/ml