

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
 Data File : PL080406.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2023 09:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/23/2023
 Supervised By : Ankita Jodhani 01/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 06:08:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 20 17:01:11 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...	3.353	2.691	46682513	46206677	21.765	21.037
28)	SA Decachlor...	8.792	7.840	37571508	47500027	21.460	19.937
Target Compounds							
2)	A alpha-BHC	3.801	3.192	31590558	29520387	9.972	9.282
3)	MA gamma-BHC...	4.130	3.520	30657385	28569478	10.429	9.564
6)	B beta-BHC	4.325	3.817	15484799	14847959	11.344	11.125
12)	B 4,4'-DDE	5.989	5.151	742872	520856	0.334m	0.221m#
14)	MA Endrin	6.359	5.553	97394137	104.3E6	45.034m	44.956
16)	A 4,4'-DDD	6.503	5.705	17623531	13090358	9.620	6.966 #
17)	MA 4,4'-DDT	6.816	5.957	176.9E6	194.9E6	85.135	92.758
18)	B Endrin al...	6.709	6.028	3839073	4279744	2.308	2.344
20)	A Methoxychlor	7.294	6.535	230.3E6	250.6E6	208.720	206.488
21)	B Endrin ke...	7.422	6.754	9808877	10512989	4.446	4.118

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

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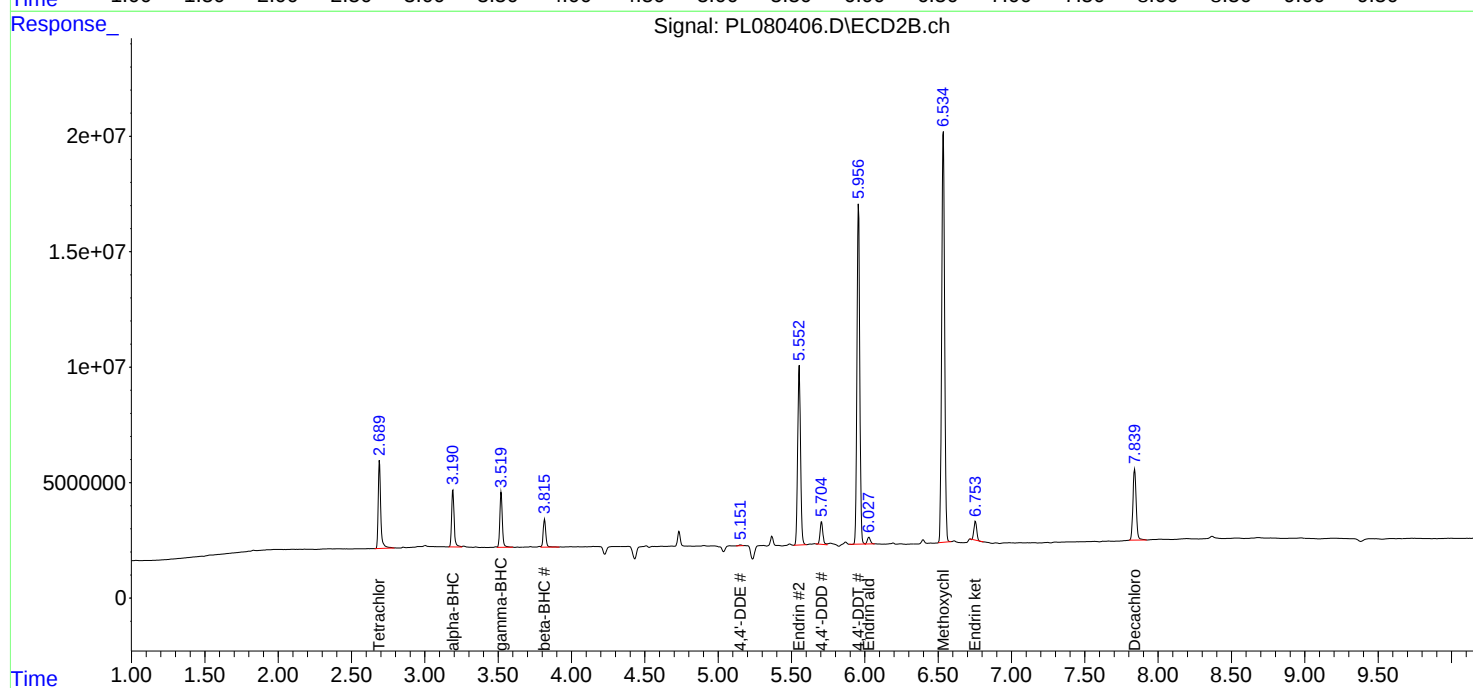
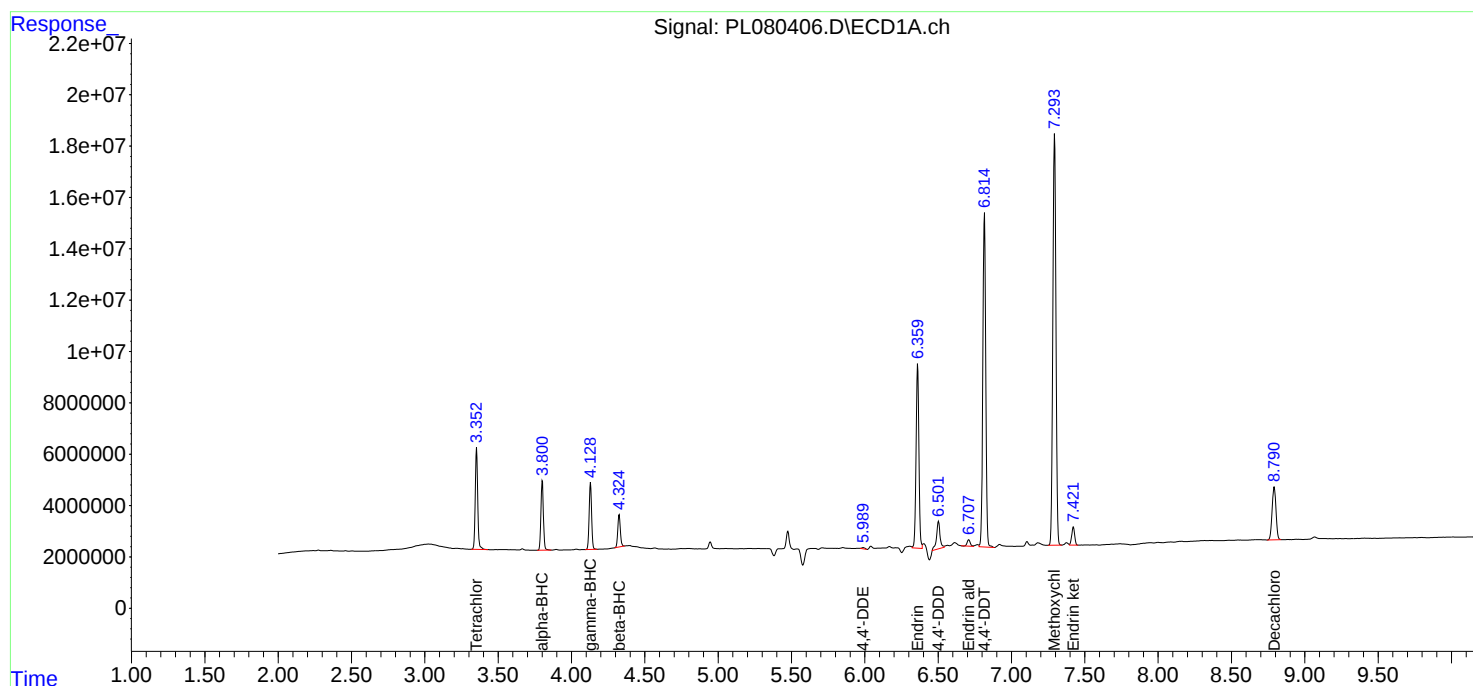
Instrument :
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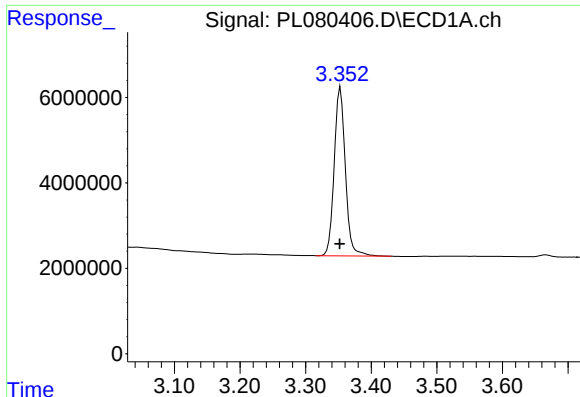
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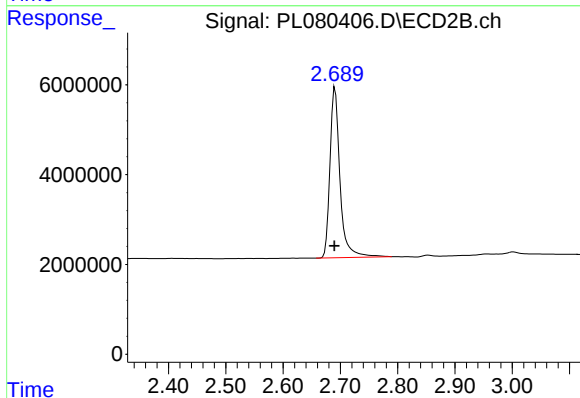
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.001 min
Response: 46682513
Conc: 21.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

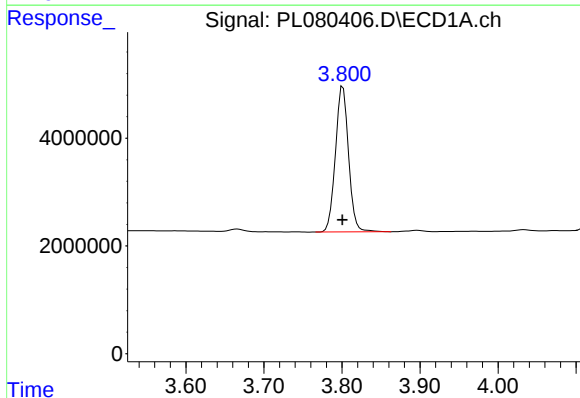
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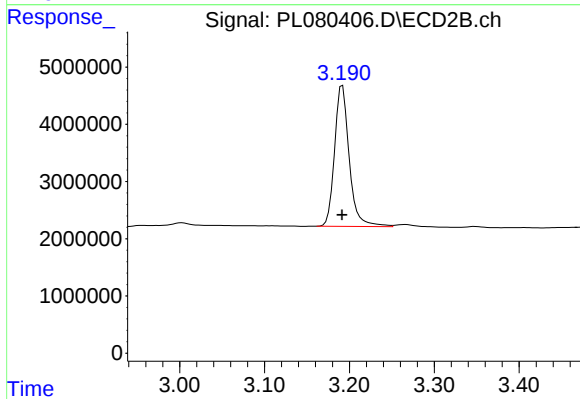
#1 Tetrachloro-m-xylene

R.T.: 2.691 min
Delta R.T.: 0.001 min
Response: 46206677
Conc: 21.04 ng/ml



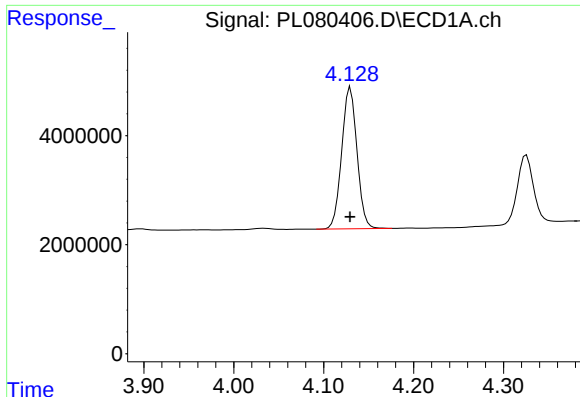
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 31590558
Conc: 9.97 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 29520387
Conc: 9.28 ng/ml



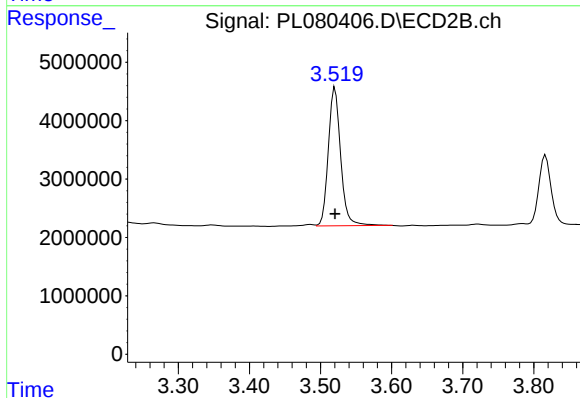
#3 gamma-BHC (Lindane)

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 30657385
Conc: 10.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

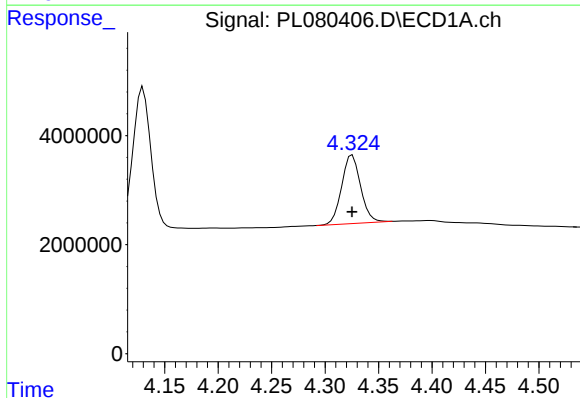
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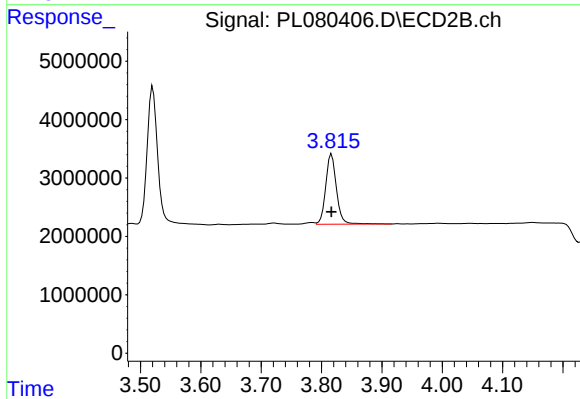
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 28569478
Conc: 9.56 ng/ml



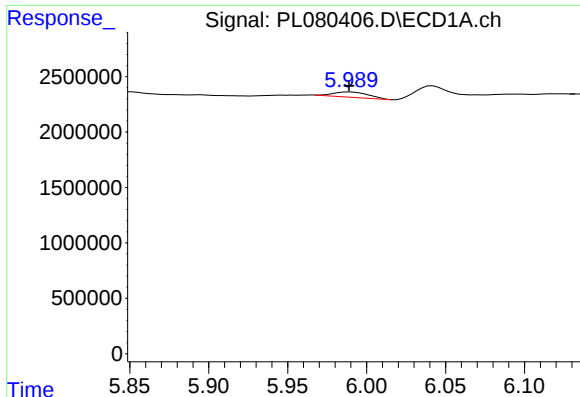
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 15484799
Conc: 11.34 ng/ml



#6 beta-BHC

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 14847959
Conc: 11.13 ng/ml



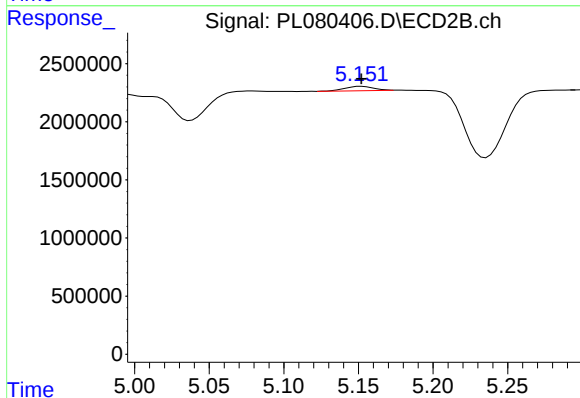
#12 4,4'-DDE

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 742872
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

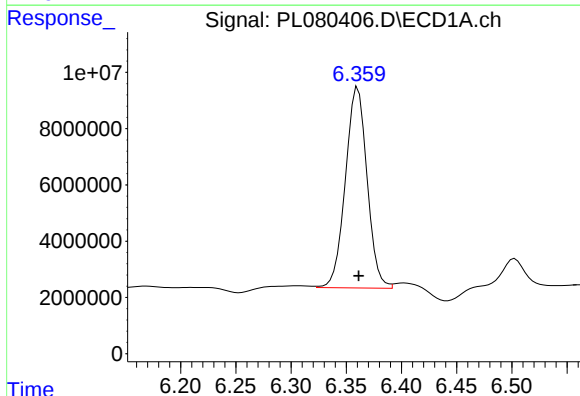
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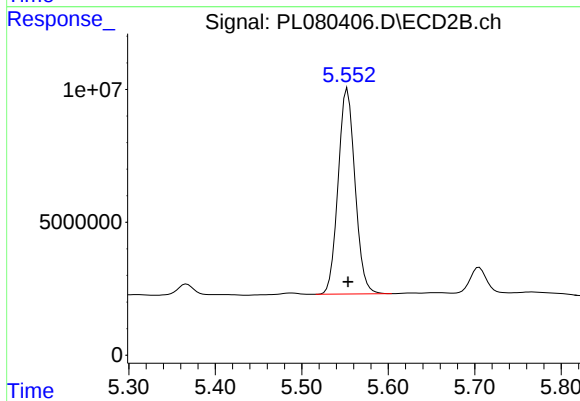
#12 4,4'-DDE

R.T.: 5.151 min
Delta R.T.: -0.001 min
Response: 520856
Conc: 0.22 ng/ml m



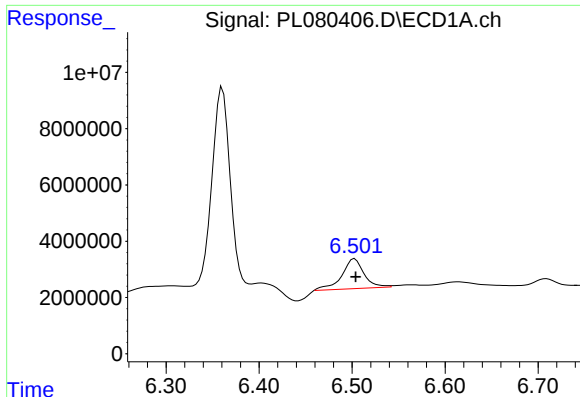
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 97394137
Conc: 45.03 ng/ml m



#14 Endrin

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 104349837
Conc: 44.96 ng/ml



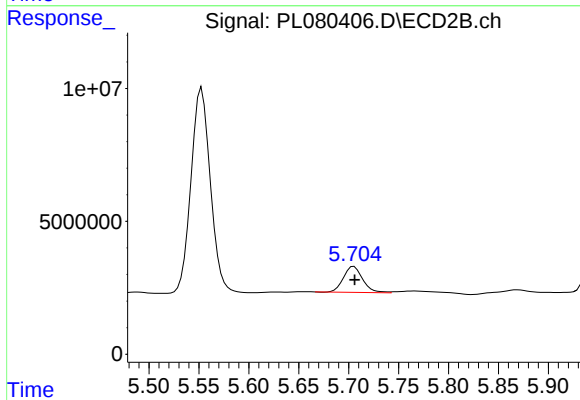
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: -0.001 min
Response: 17623531
Conc: 9.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

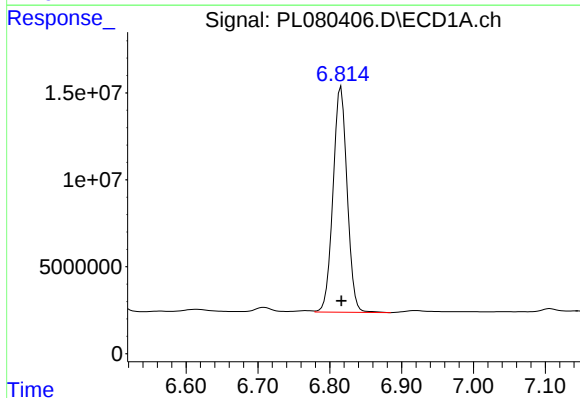
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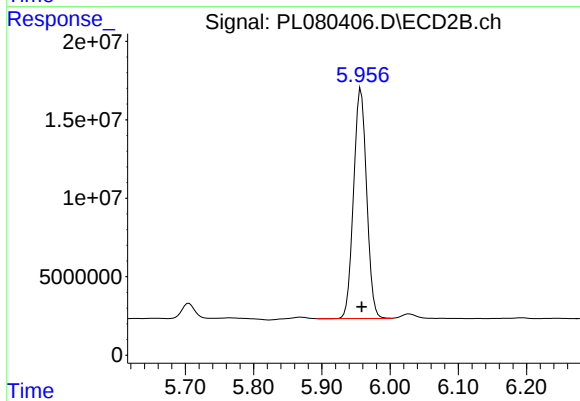
#16 4,4'-DDD

R.T.: 5.705 min
Delta R.T.: -0.001 min
Response: 13090358
Conc: 6.97 ng/ml



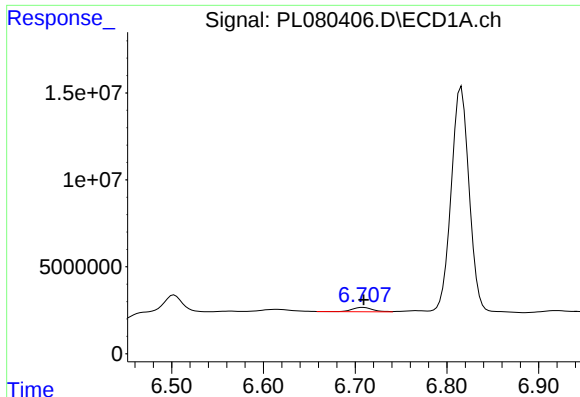
#17 4,4'-DDT

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 176882118
Conc: 85.13 ng/ml



#17 4,4'-DDT

R.T.: 5.957 min
Delta R.T.: -0.001 min
Response: 194928831
Conc: 92.76 ng/ml



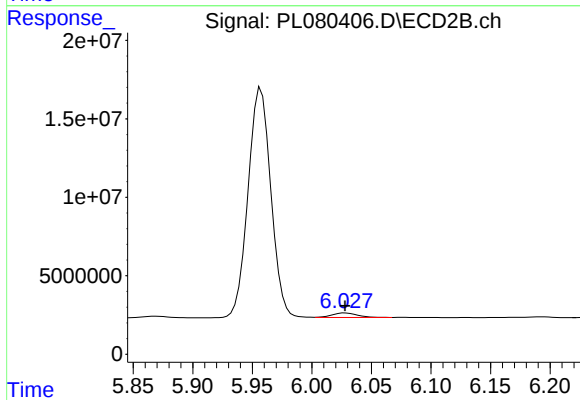
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 3839073
Conc: 2.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

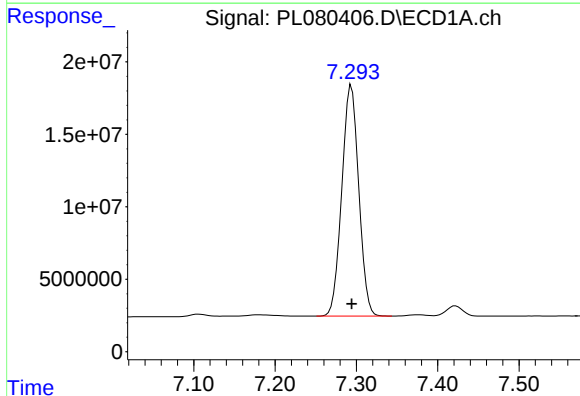
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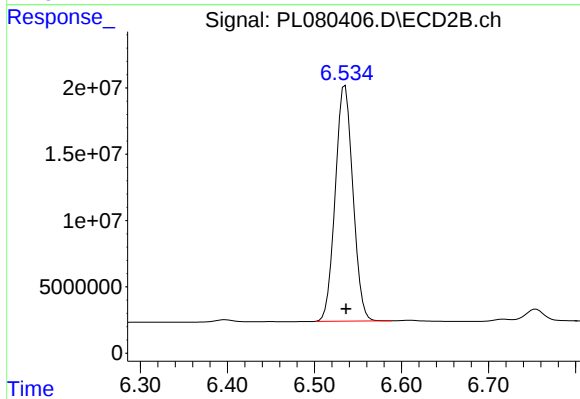
#18 Endrin aldehyde

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 4279744
Conc: 2.34 ng/ml



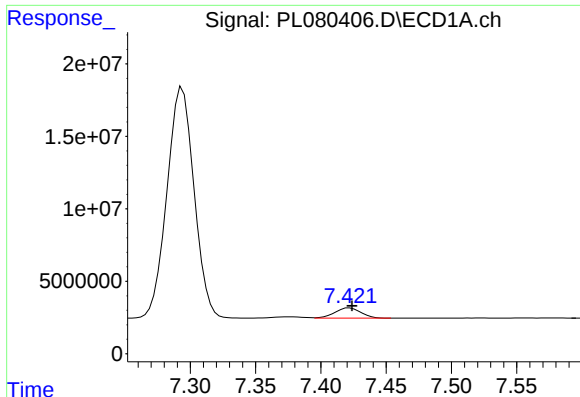
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 230278662
Conc: 208.72 ng/ml



#20 Methoxychlor

R.T.: 6.535 min
Delta R.T.: -0.001 min
Response: 250565637
Conc: 206.49 ng/ml



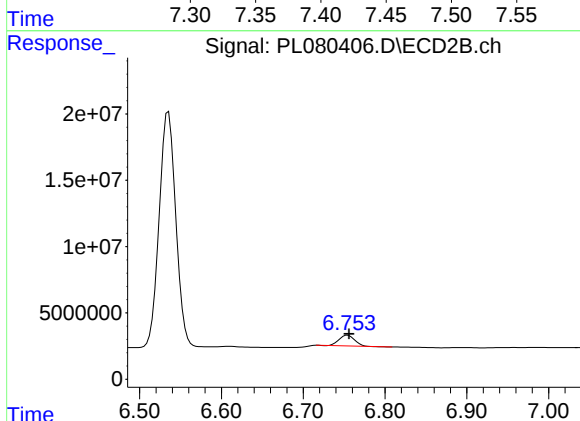
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 9808877
Conc: 4.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

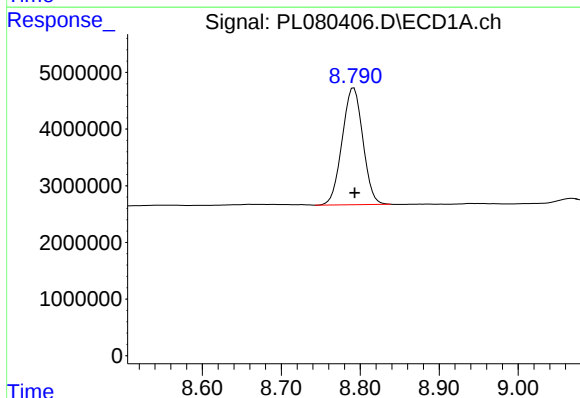
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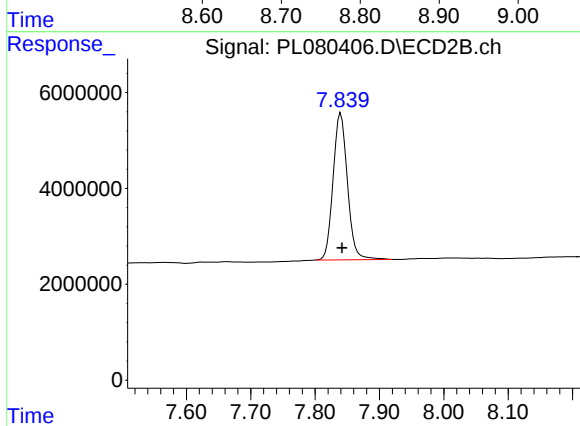
#21 Endrin ketone

R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 10512989
Conc: 4.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: -0.001 min
Response: 37571508
Conc: 21.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.840 min
Delta R.T.: -0.002 min
Response: 47500027
Conc: 19.94 ng/ml