

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122623\
 Data File : PL087504.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2023 19:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/28/2023
 Supervised By : Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 26 20:40:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.421	2.676	58944228	25250851	15.662	15.001
28)	SA Decachlor...	8.979	7.864	56251077	25377611	16.496	15.026
Target Compounds							
2)	A alpha-BHC	3.877	3.180	40444653	16201468	7.470	6.592
3)	MA gamma-BHC...	4.211	3.511	39434187	16102910	7.503	6.647
6)	B beta-BHC	4.411	3.811	20468294	8394004	8.912	8.063m
14)	MA Endrin	6.471	5.555	131.6E6	66454198	34.205	33.300
16)	A 4,4'-DDD	6.616	5.715	4975365	1895491	1.505	1.145
17)	MA 4,4'-DDT	6.934	5.968	278.0E6	132.9E6	73.933	72.048
18)	B Endrin al...	6.823	6.034	3157167	2232593	1.089m	1.521m#
20)	A Methoxychlor	7.419	6.554	365.5E6	172.6E6	187.461	169.025
21)	B Endrin ke...	7.546	6.765	7537048	4347031	1.853	2.042

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

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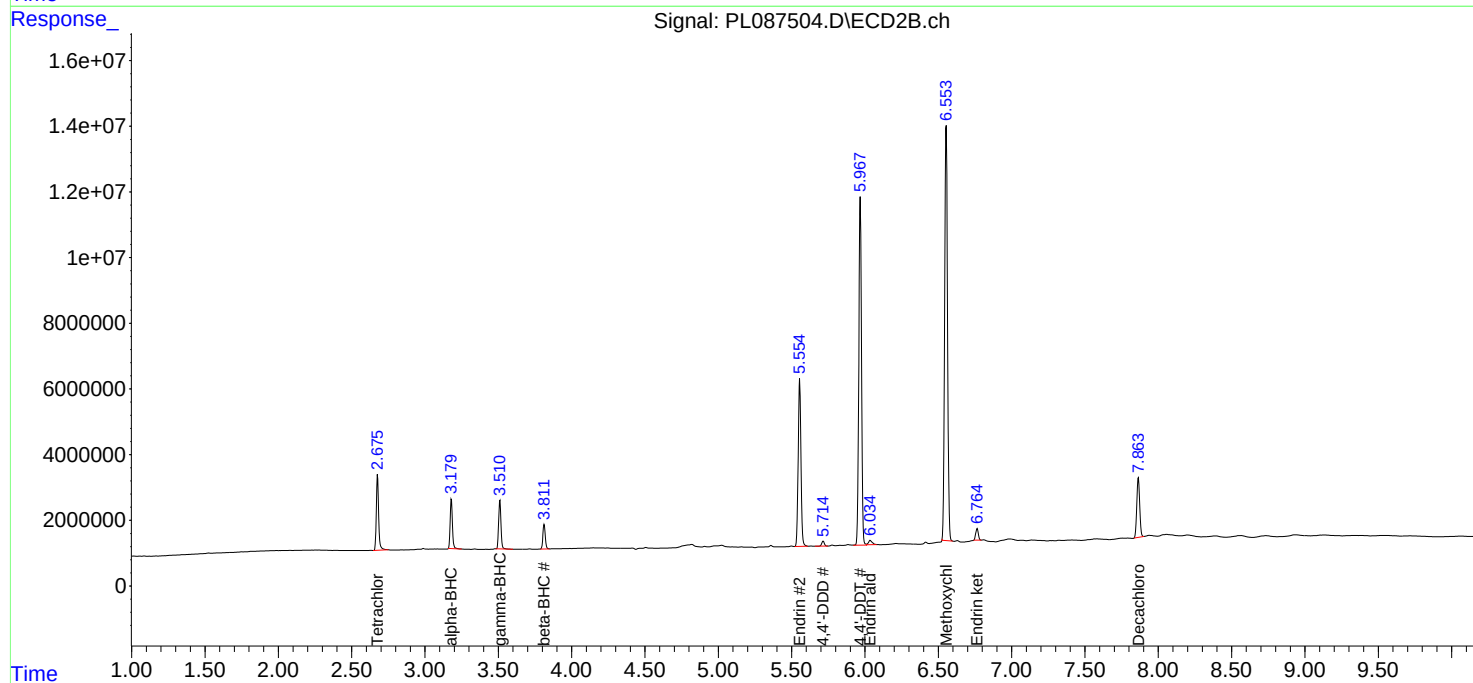
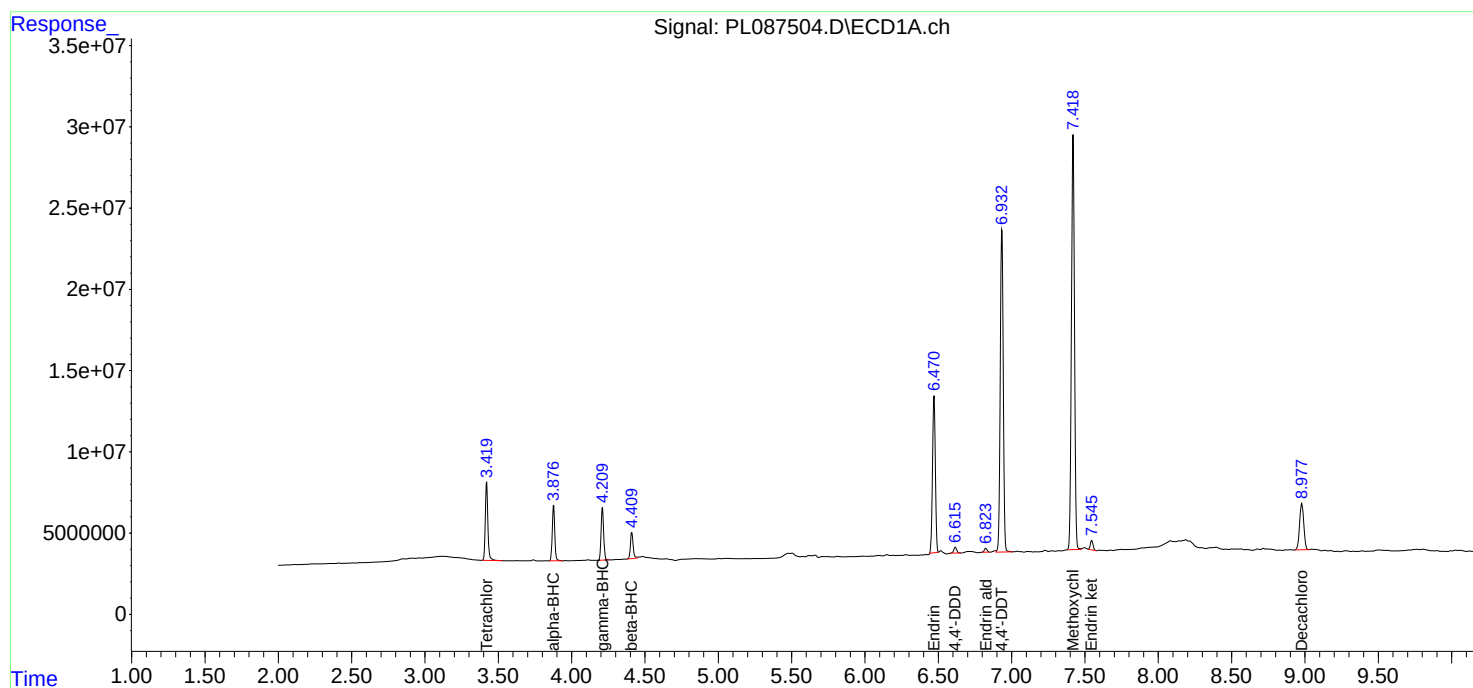
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PEM

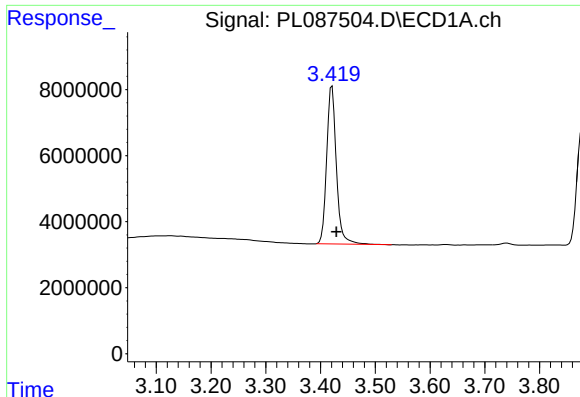
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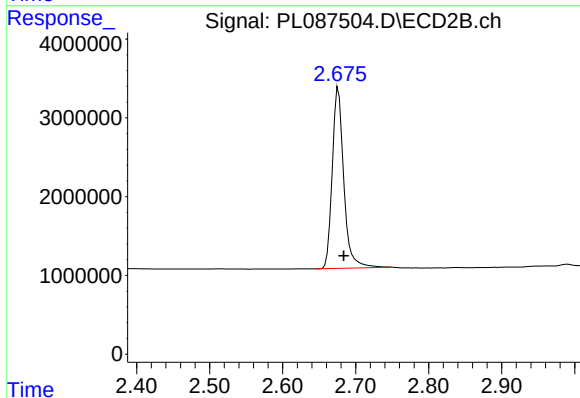
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: -0.008 min
Response: 58944228
Conc: 15.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

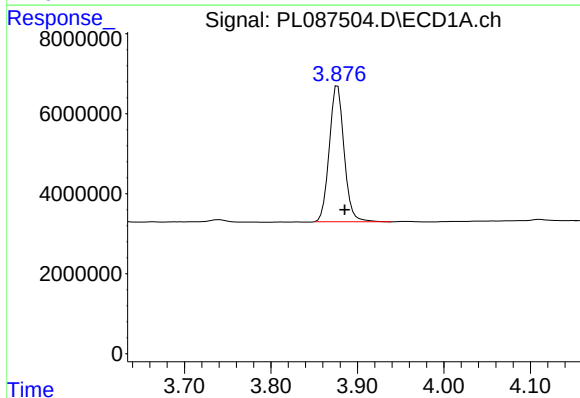
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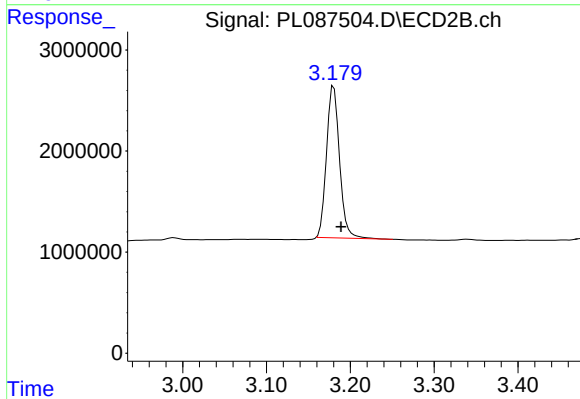
#1 Tetrachloro-m-xylene

R.T.: 2.676 min
Delta R.T.: -0.007 min
Response: 25250851
Conc: 15.00 ng/ml



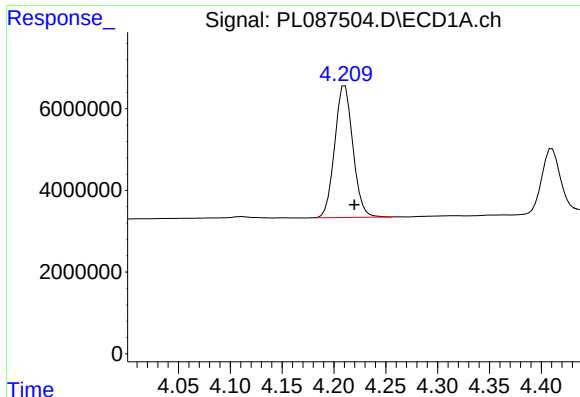
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: -0.008 min
Response: 40444653
Conc: 7.47 ng/ml



#2 alpha-BHC

R.T.: 3.180 min
Delta R.T.: -0.009 min
Response: 16201468
Conc: 6.59 ng/ml



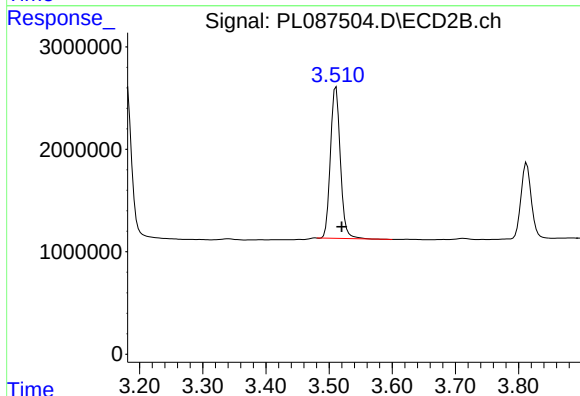
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: -0.009 min
Response: 39434187
Conc: 7.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

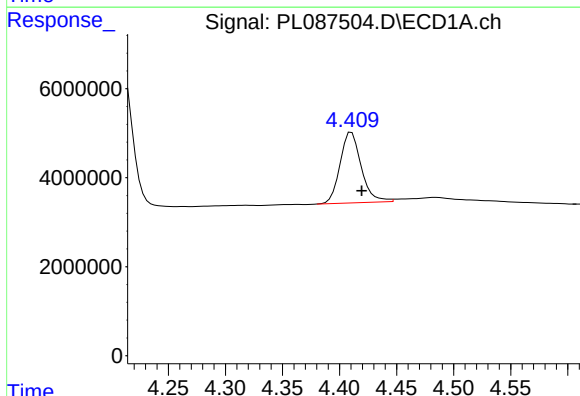
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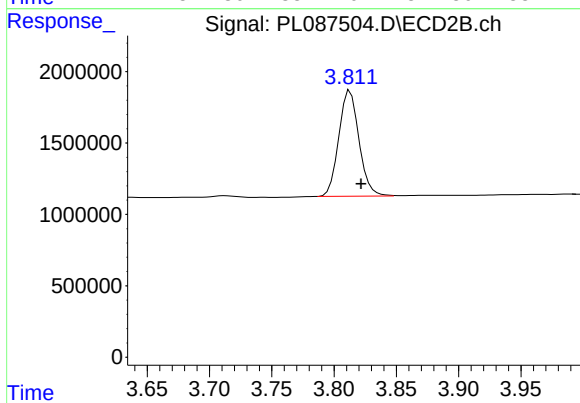
#3 gamma-BHC (Lindane)

R.T.: 3.511 min
Delta R.T.: -0.009 min
Response: 16102910
Conc: 6.65 ng/ml



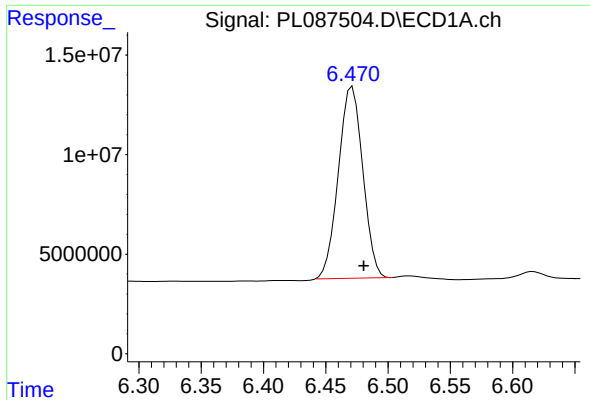
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.009 min
Response: 20468294
Conc: 8.91 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: -0.010 min
Response: 8394004
Conc: 8.06 ng/ml m



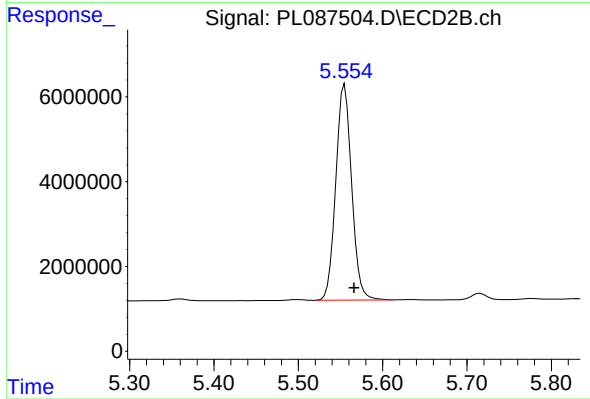
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.009 min
Response: 131600899
Conc: 34.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

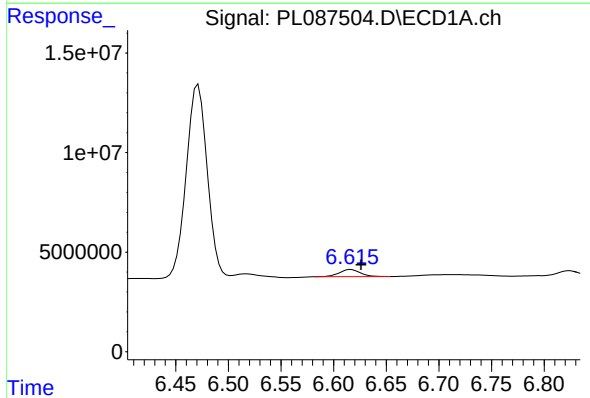
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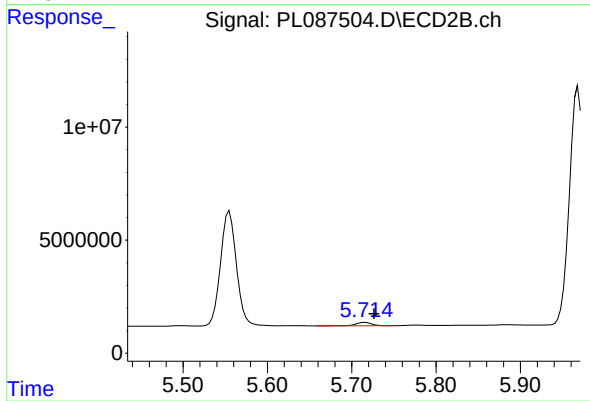
#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.011 min
Response: 66454198
Conc: 33.30 ng/ml



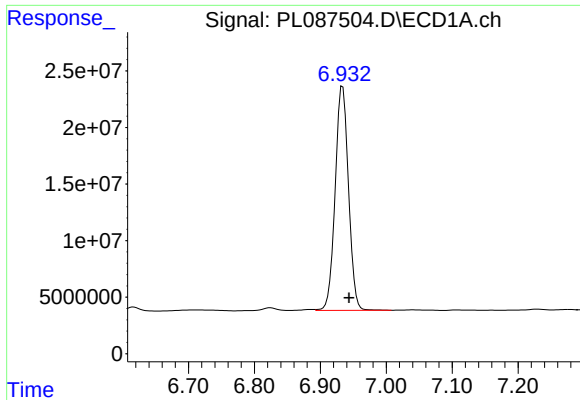
#16 4,4'-DDD

R.T.: 6.616 min
Delta R.T.: -0.009 min
Response: 4975365
Conc: 1.51 ng/ml



#16 4,4'-DDD

R.T.: 5.715 min
Delta R.T.: -0.011 min
Response: 1895491
Conc: 1.14 ng/ml



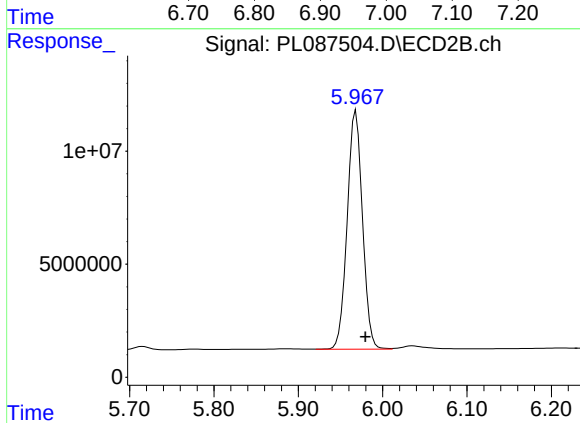
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.010 min
Response: 278004097
Conc: 73.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

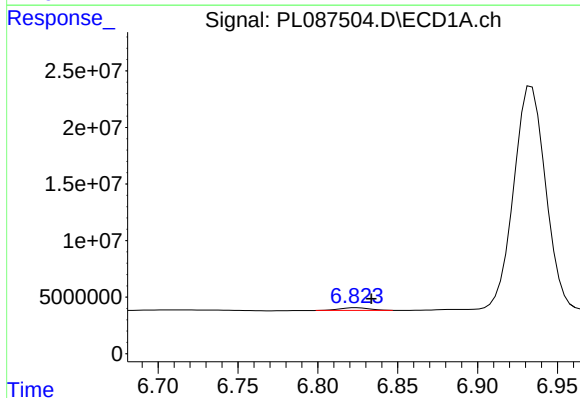
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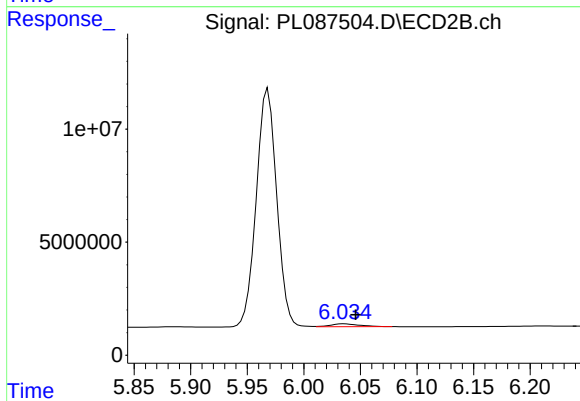
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.011 min
Response: 132879649
Conc: 72.05 ng/ml



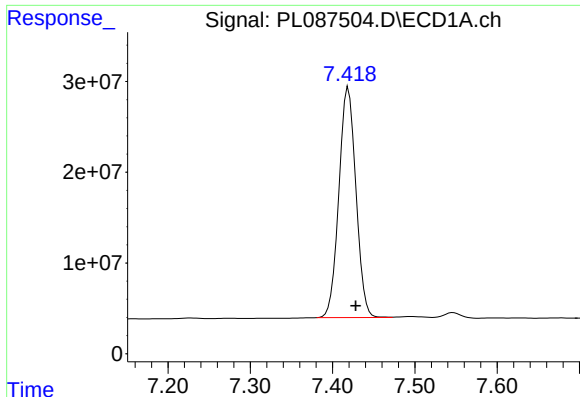
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: -0.011 min
Response: 3157167
Conc: 1.09 ng/ml m



#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: -0.012 min
Response: 2232593
Conc: 1.52 ng/ml m



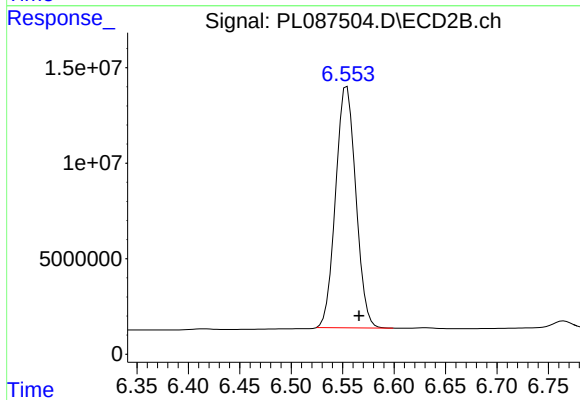
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 365534314
Conc: 187.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

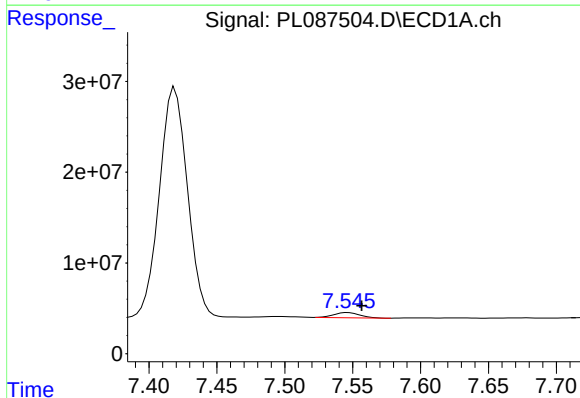
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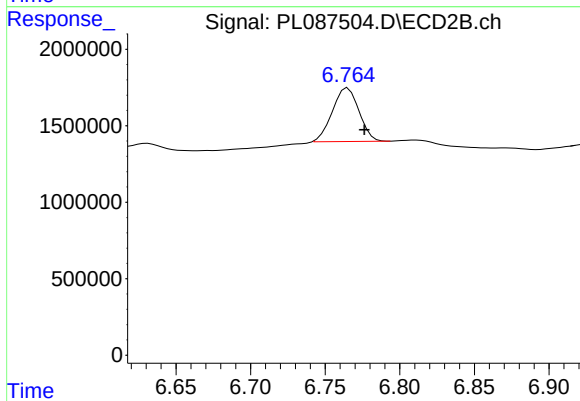
#20 Methoxychlor

R.T.: 6.554 min
Delta R.T.: -0.012 min
Response: 172641108
Conc: 169.03 ng/ml



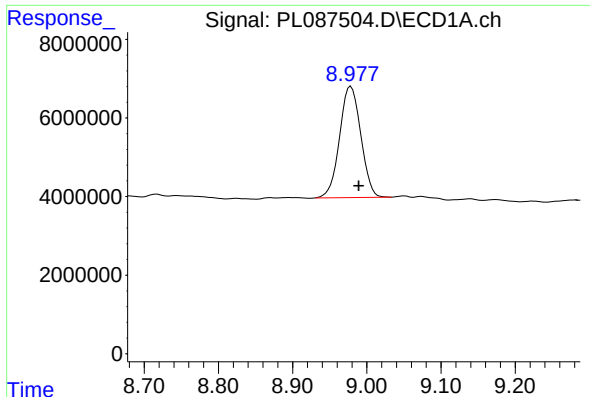
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.010 min
Response: 7537048
Conc: 1.85 ng/ml



#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.011 min
Response: 4347031
Conc: 2.04 ng/ml



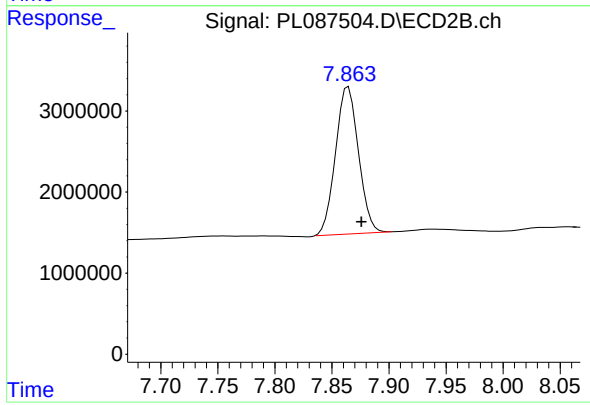
#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: -0.011 min
Response: 56251077
Conc: 16.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.011 min
Response: 25377611
Conc: 15.03 ng/ml