

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL063025\
 Data File : PL096207.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2025 09:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/01/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 01:34:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 28 04:25:53 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.569	2.880	79022077	107.5E6	23.994	23.818
28)	SA Decachlor...	9.125	8.068	61383501	134.8E6	23.953	23.547
Target Compounds							
2)	A alpha-BHC	4.020	3.389	59672191	77015398	12.042	11.791
3)	MA gamma-BHC...	4.351	3.722	56568403	73779529	12.202	11.903
6)	B beta-BHC	4.539	4.017	24689497	33192400	12.465	12.165
12)	B 4,4'-DDE	6.215	5.365	1158611	1056040	0.322m	0.181m#
14)	MA Endrin	6.596	5.774	183.1E6	307.1E6	57.606	57.582
16)	A 4,4'-DDD	6.729	5.921	17715735	28311628	5.996	5.821
17)	MA 4,4'-DDT	7.046	6.176	309.0E6	600.6E6	105.727	117.018
18)	B Endrin al...	6.938	6.247	1951371	7075561	0.804m	1.689m#
20)	A Methoxychlor	7.524	6.750	360.7E6	698.4E6	238.971	244.717
21)	B Endrin ke...	7.654	6.978	10701665	20073308	3.286m	3.434

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

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Data File : PL096207.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2025 09:20
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

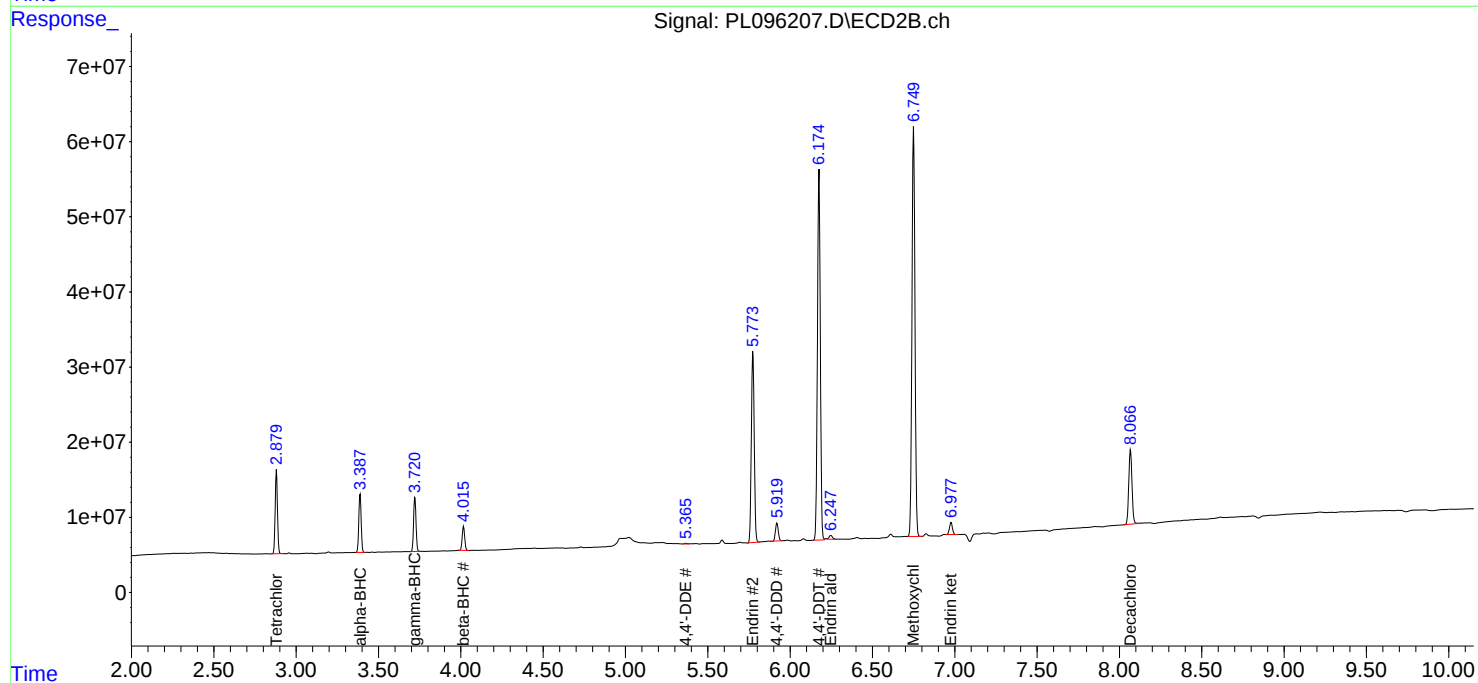
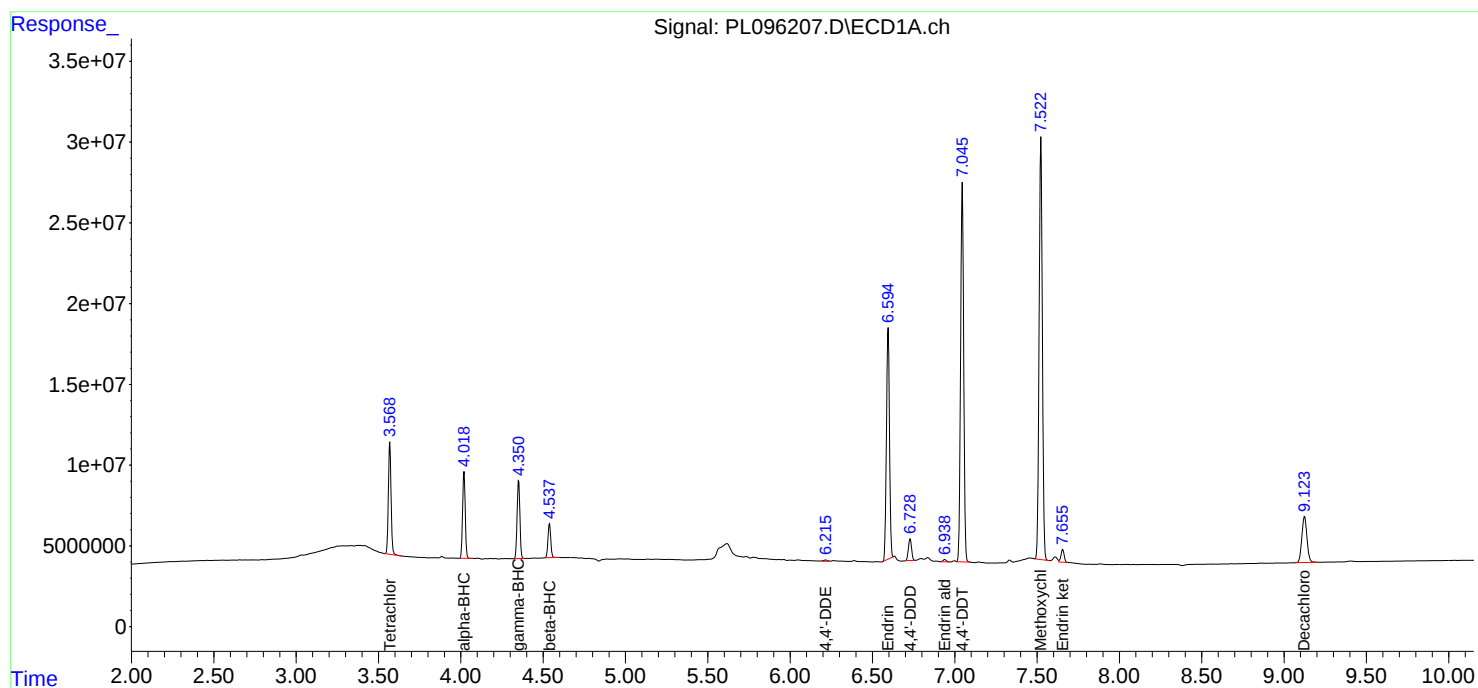
Instrument :
ECD_L
ClientSampleId :
PEM

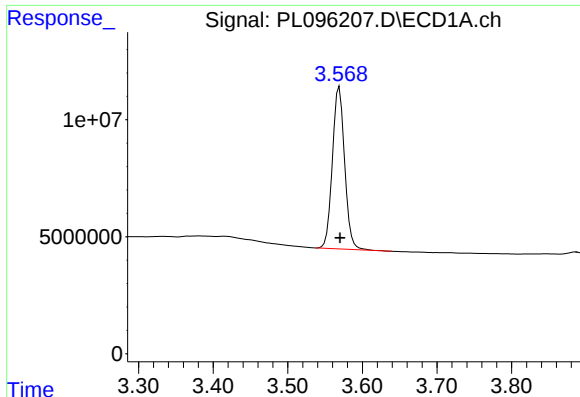
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Integration File signal 1: autoint1.e
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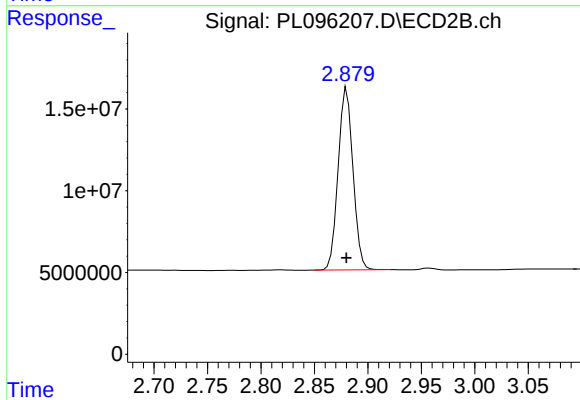
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 79022077
Conc: 23.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

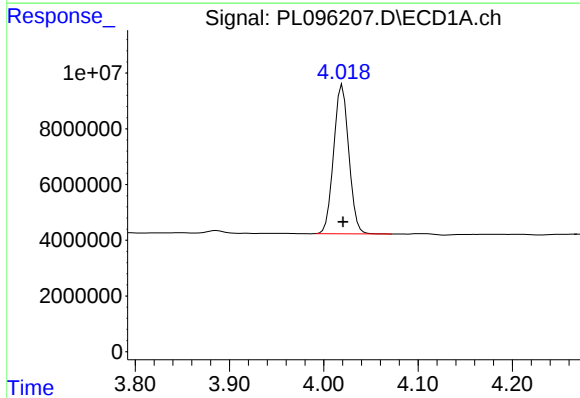
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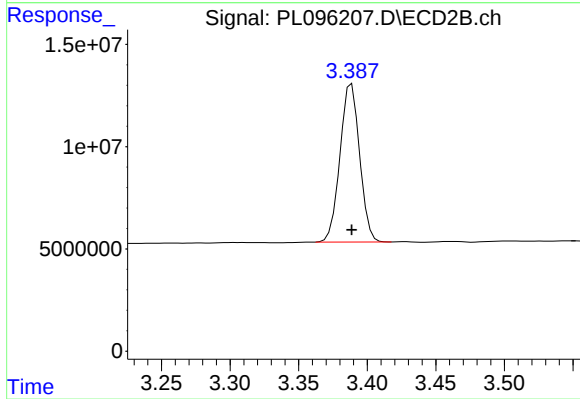
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 107526448
Conc: 23.82 ng/ml



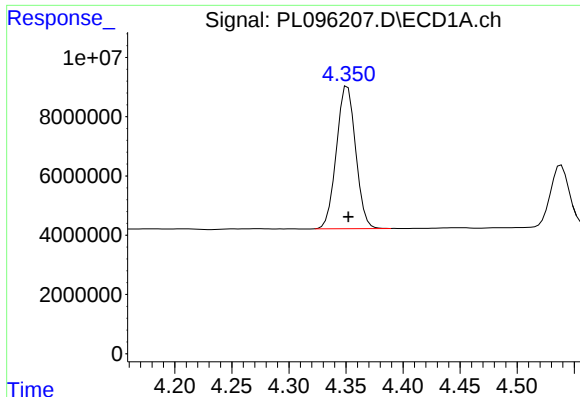
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 59672191
Conc: 12.04 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 77015398
Conc: 11.79 ng/ml



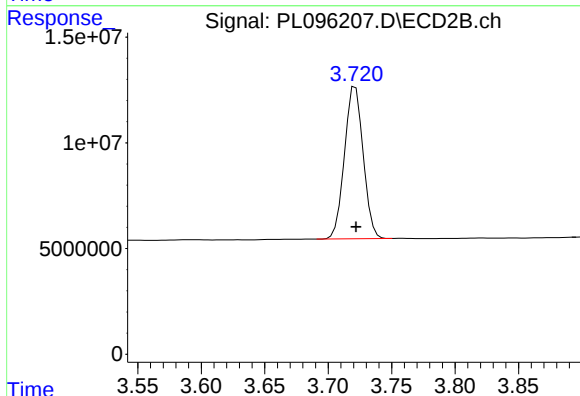
#3 gamma-BHC (Lindane)

R.T.: 4.351 min
Delta R.T.: 0.000 min
Response: 56568403
Conc: 12.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

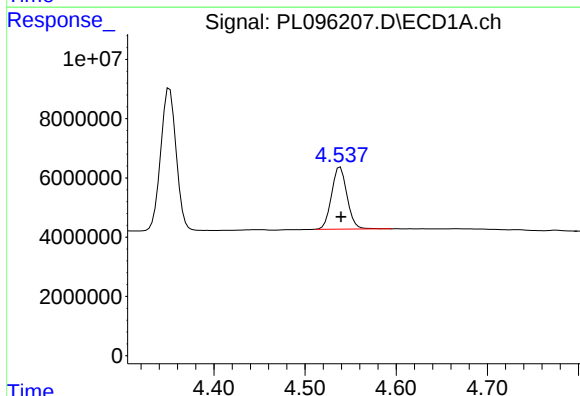
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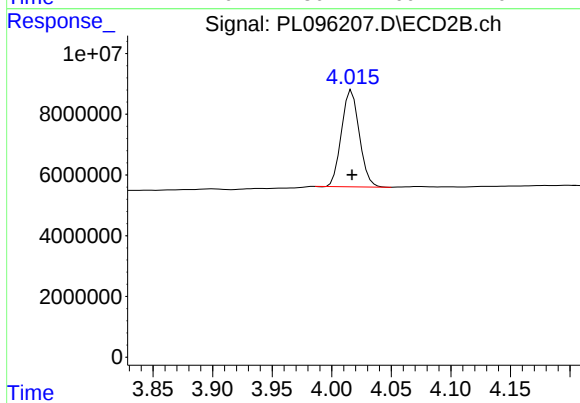
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 73779529
Conc: 11.90 ng/ml



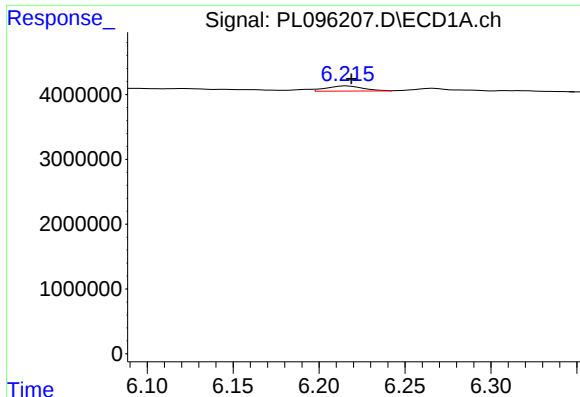
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 24689497
Conc: 12.47 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 33192400
Conc: 12.17 ng/ml



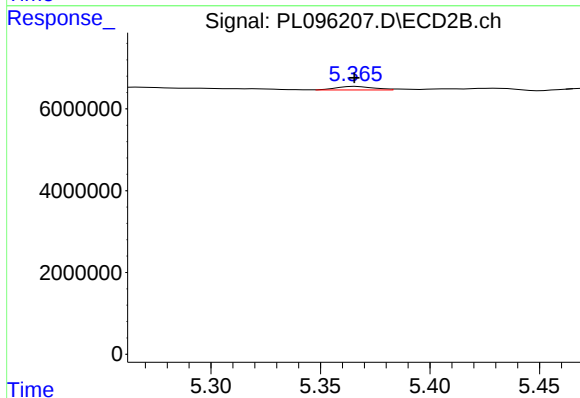
#12 4,4'-DDE

R.T.: 6.215 min
Delta R.T.: -0.004 min
Response: 1158611
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

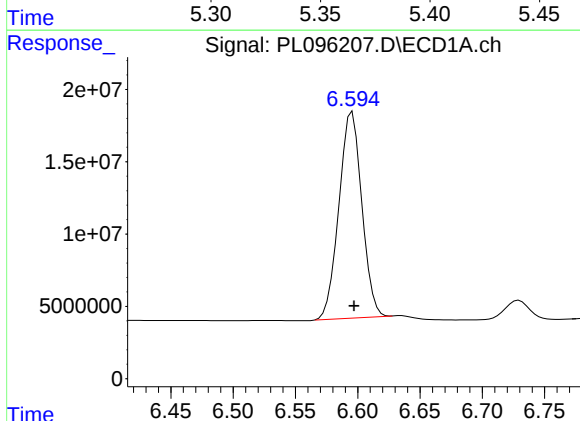
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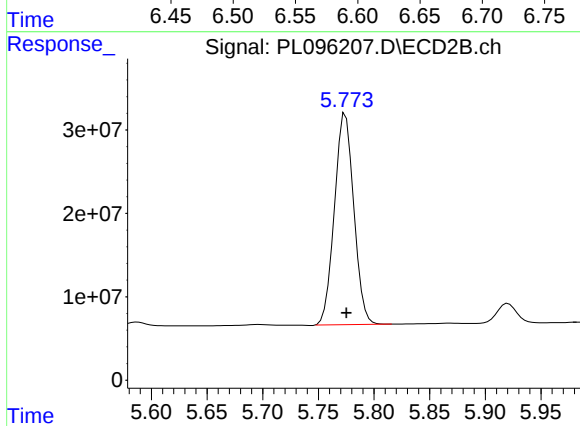
#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 1056040
Conc: 0.18 ng/ml m



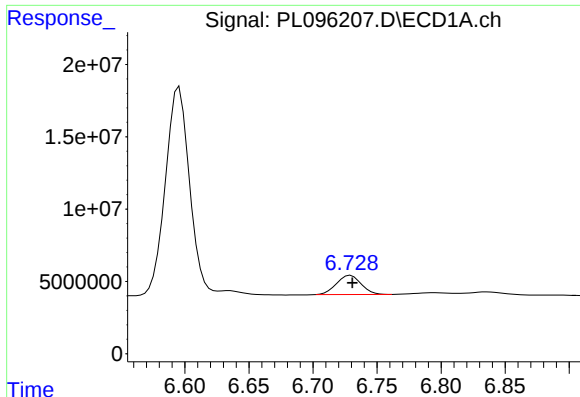
#14 Endrin

R.T.: 6.596 min
Delta R.T.: -0.001 min
Response: 183063223
Conc: 57.61 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 307073076
Conc: 57.58 ng/ml



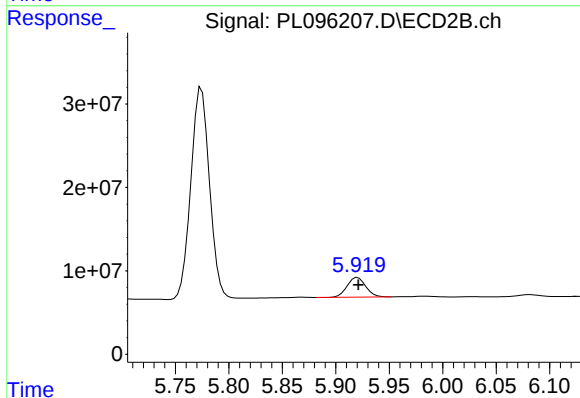
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 17715735
Conc: 6.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

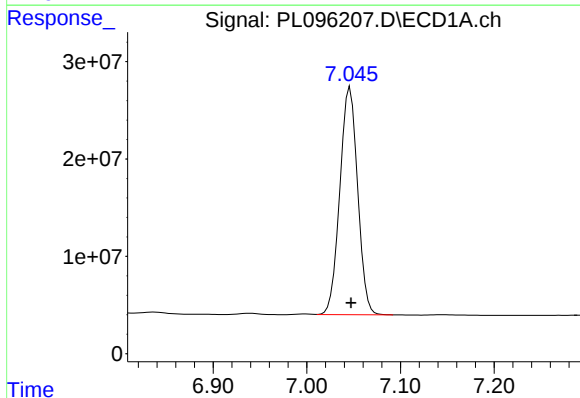
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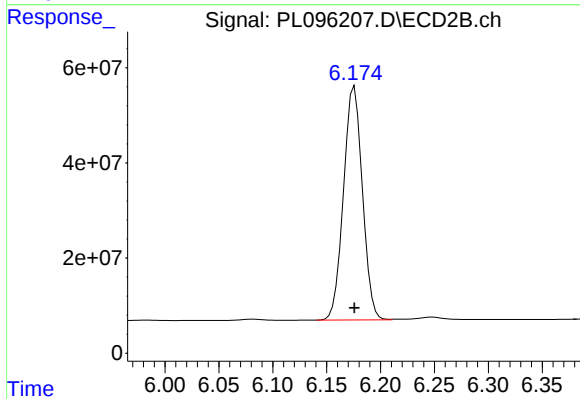
#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 28311628
Conc: 5.82 ng/ml



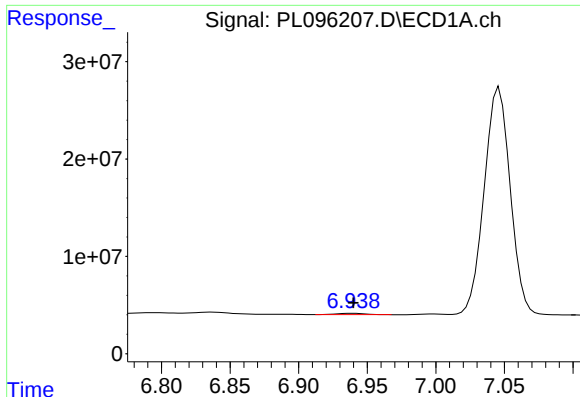
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.001 min
Response: 309014361
Conc: 105.73 ng/ml



#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 600612432
Conc: 117.02 ng/ml



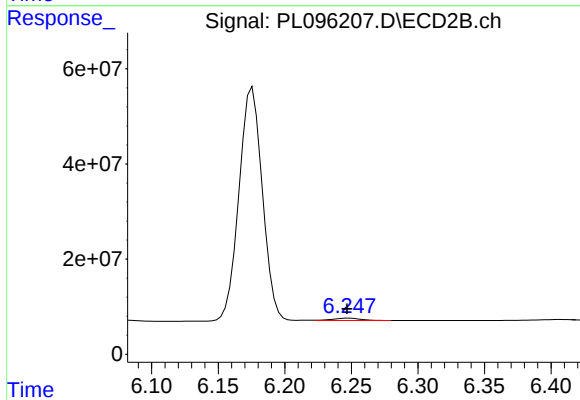
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 1951371
Conc: 0.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

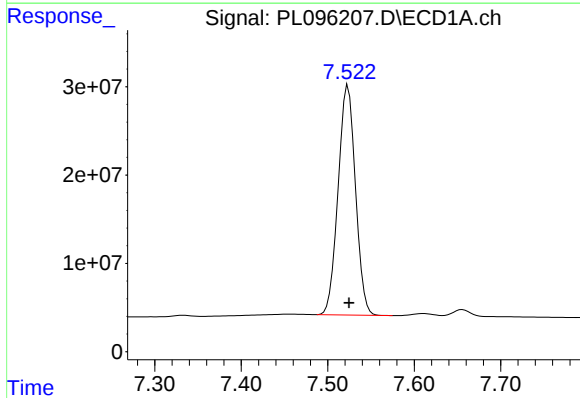
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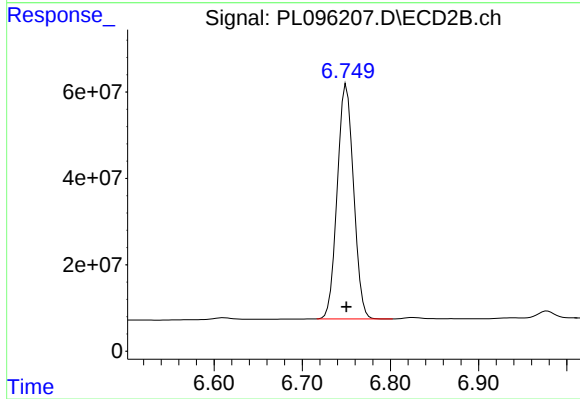
#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 7075561
Conc: 1.69 ng/ml m



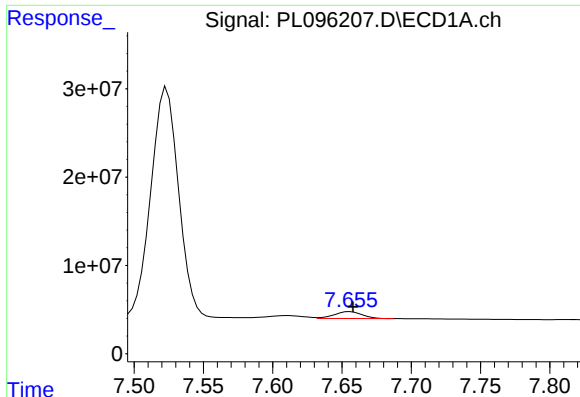
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: -0.001 min
Response: 360709497
Conc: 238.97 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 698407790
Conc: 244.72 ng/ml



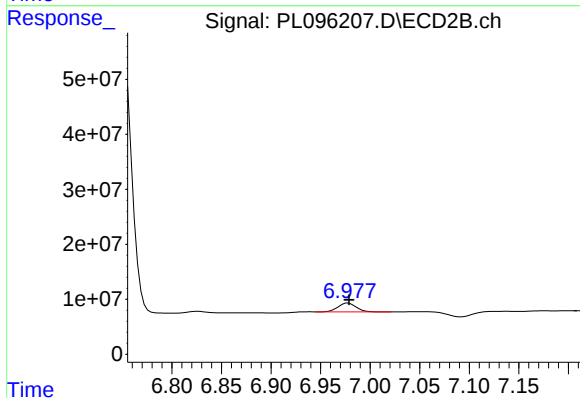
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: -0.003 min
Response: 10701665
Conc: 3.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

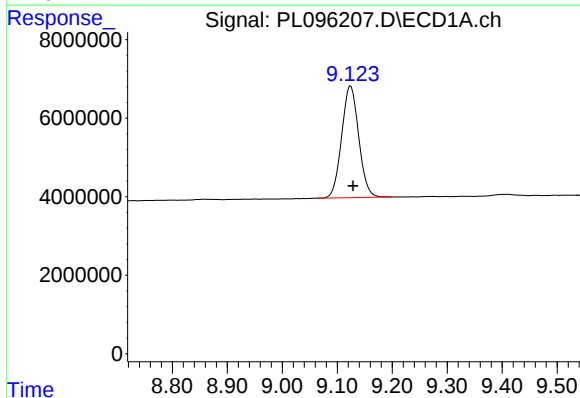
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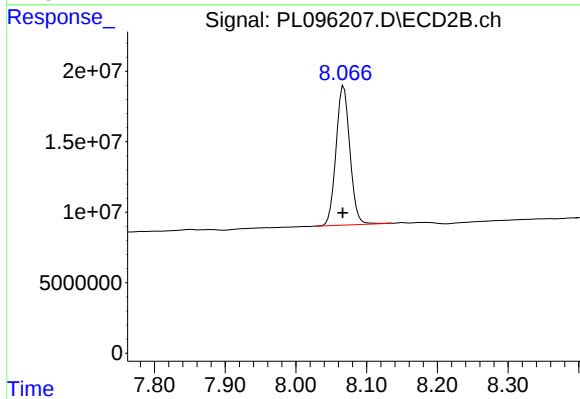
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 20073308
Conc: 3.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.125 min
Delta R.T.: -0.004 min
Response: 61383501
Conc: 23.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: 0.001 min
Response: 134791889
Conc: 23.55 ng/ml