

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020725\
 Data File : PL094090.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2025 10:31
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/10/2025
 Supervised By : Ankita Jodhani 02/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 01:32:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.545	2.774	56483636	65246470	20.976	19.989
28)	SA Decachlor...	9.065	7.913	41801923	70553196	19.983	20.135
Target Compounds							
2)	A alpha-BHC	4.001	3.277	41887796	46773131	10.926	9.567
3)	MA gamma-BHC...	4.333	3.607	39272306	43754869	10.664m	9.229
6)	B beta-BHC	4.534	3.908	17672821	21846587	10.995	10.937
14)	MA Endrin	6.582	5.638	111.0E6	182.1E6	47.339	49.319
16)	A 4,4'-DDD	6.718	5.788	2757894	2859121	1.451m	0.906 #
17)	MA 4,4'-DDT	7.032	6.037	198.6E6	379.7E6	100.729	116.681
18)	B Endrin al...	6.931	6.113	2691188	6215787	1.384	2.042 #
20)	A Methoxychlor	7.508	6.613	243.6E6	459.8E6	233.456	257.165
21)	B Endrin ke...	7.651	6.841	6549501	7391146	2.596	1.762 #

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

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Data File : PL094090.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2025 10:31
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

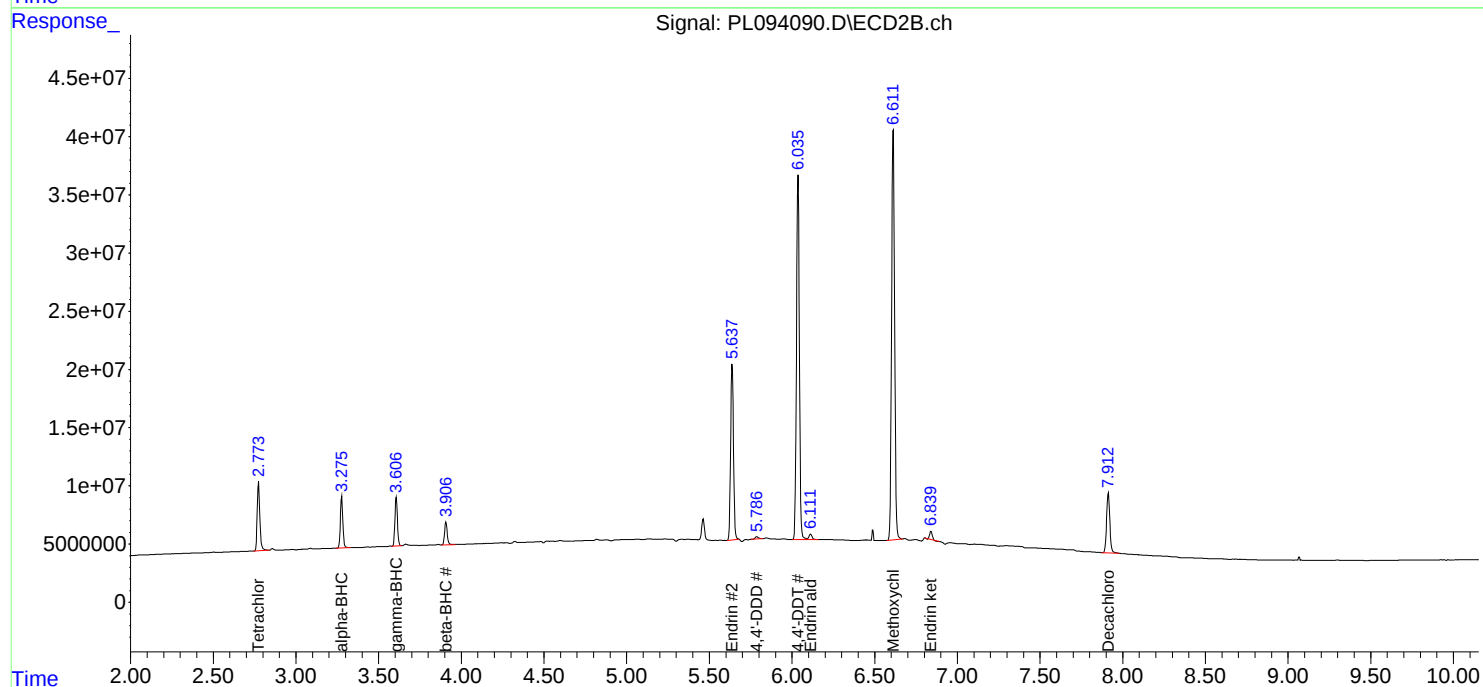
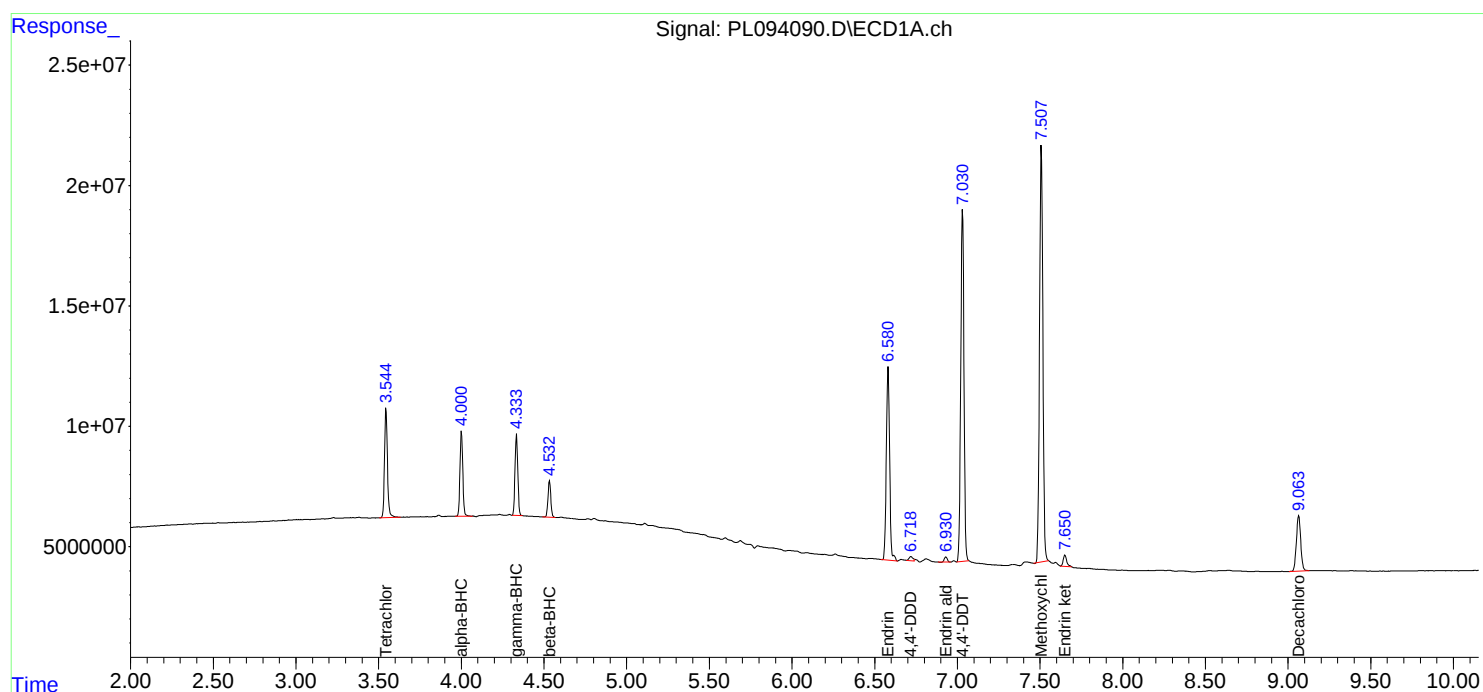
Instrument :
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ClientSampleId :
PEM

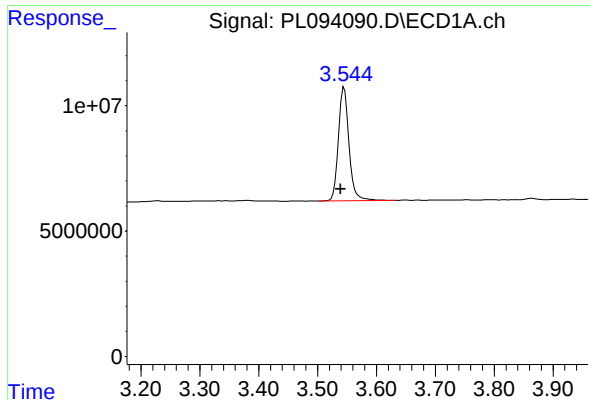
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 01:32:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response 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





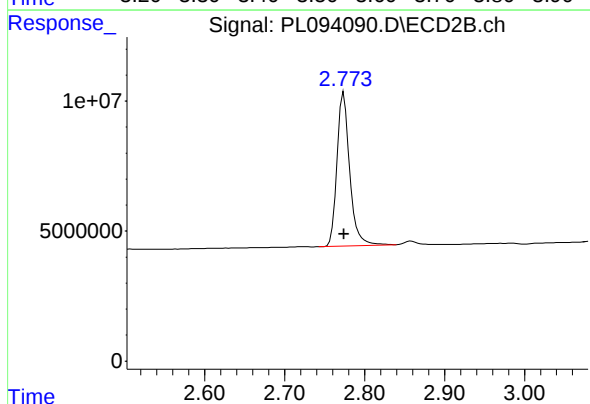
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.006 min
Response: 56483636
Conc: 20.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

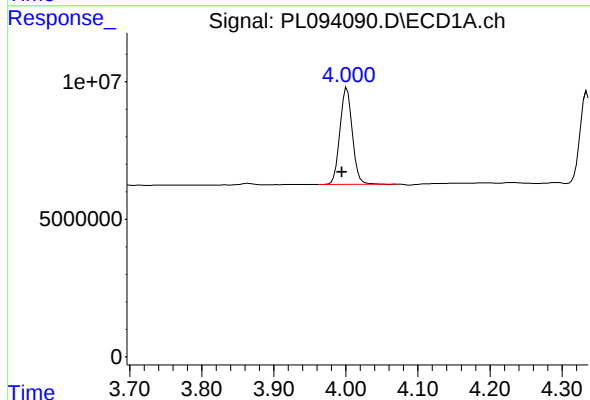
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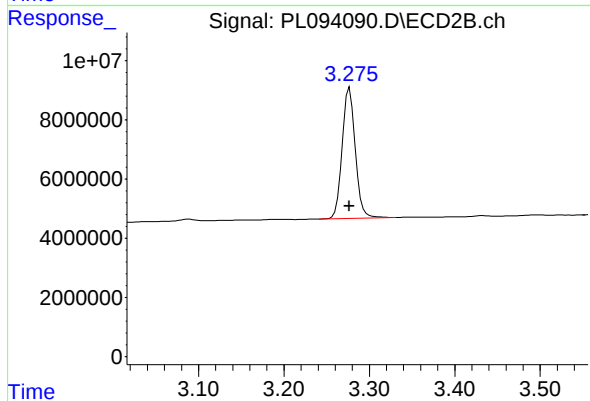
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 65246470
Conc: 19.99 ng/ml



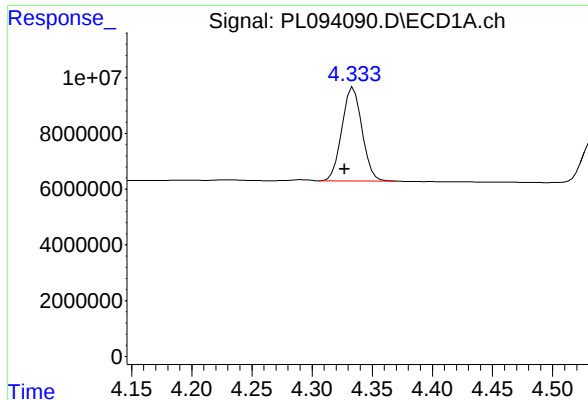
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.007 min
Response: 41887796
Conc: 10.93 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 46773131
Conc: 9.57 ng/ml



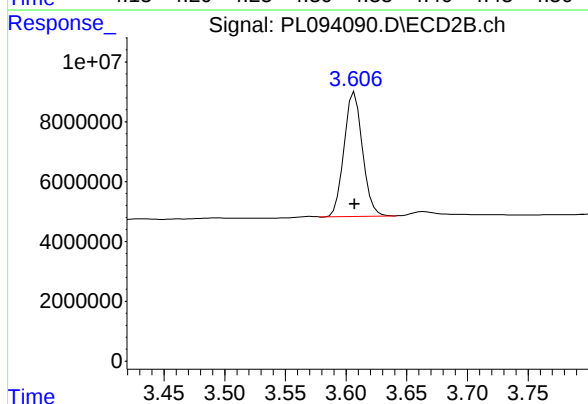
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.006 min
Response: 39272306
Conc: 10.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

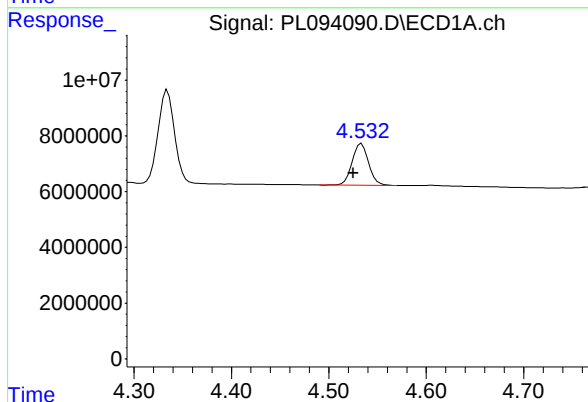
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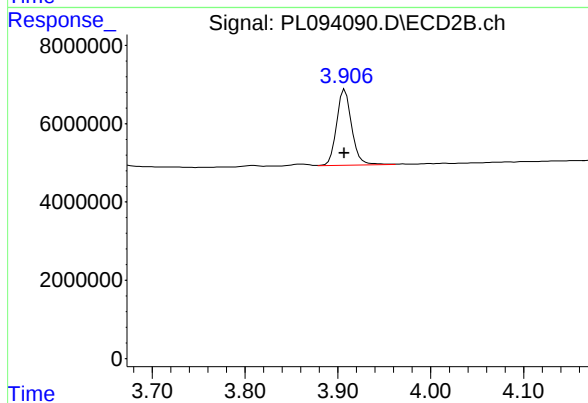
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 43754869
Conc: 9.23 ng/ml



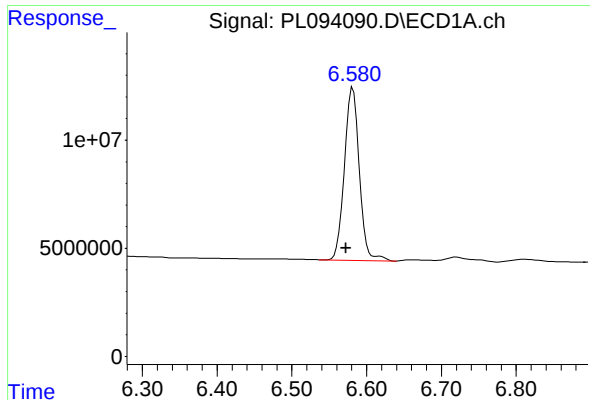
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.008 min
Response: 17672821
Conc: 11.00 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 21846587
Conc: 10.94 ng/ml



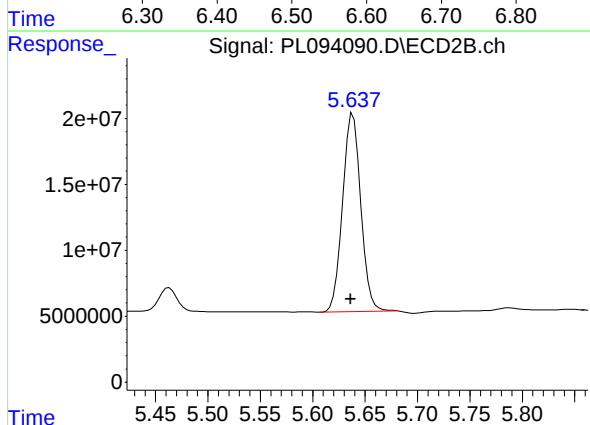
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.009 min
Response: 11100670
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

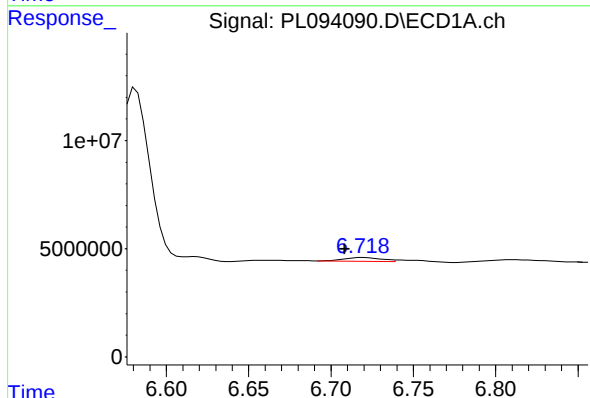
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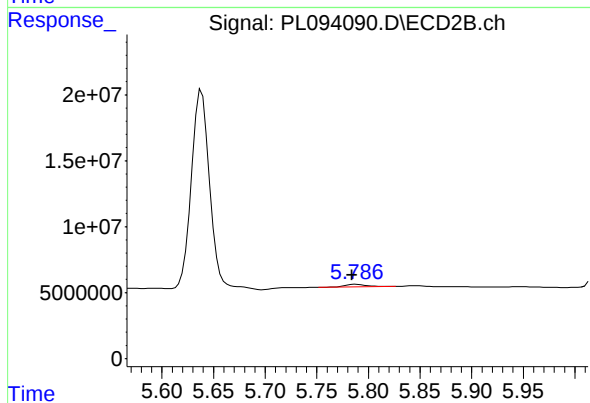
#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.002 min
Response: 182120976
Conc: 49.32 ng/ml



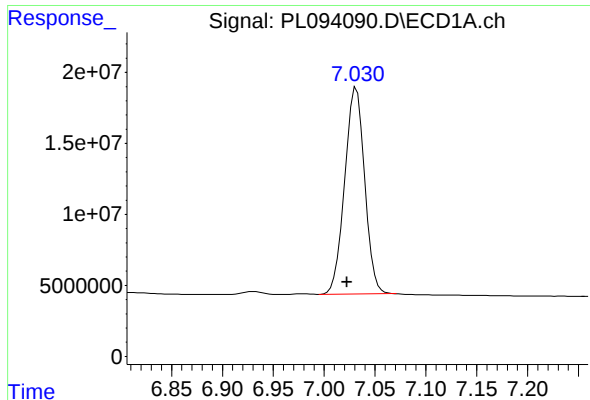
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.010 min
Response: 2757894
Conc: 1.45 ng/ml m



#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: 0.004 min
Response: 2859121
Conc: 0.91 ng/ml



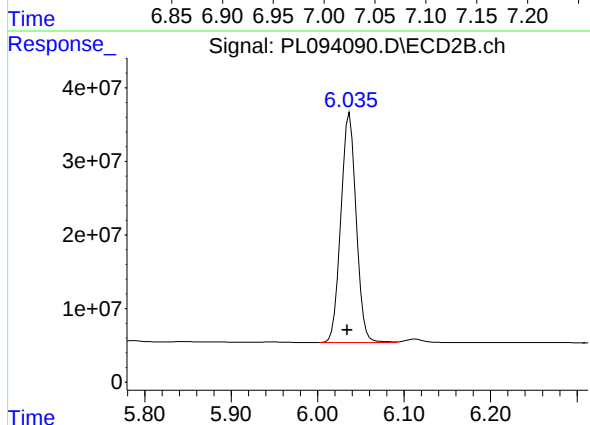
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.009 min
Response: 198642940
Conc: 100.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

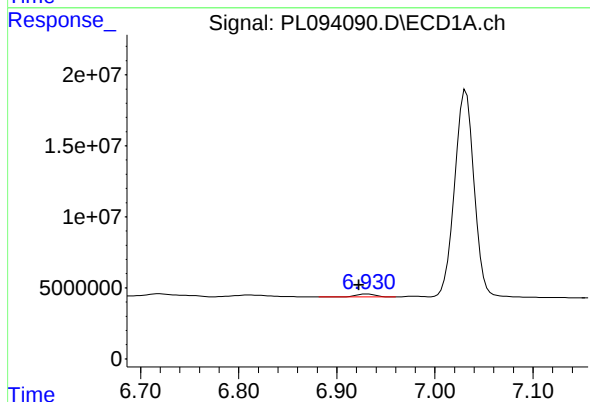
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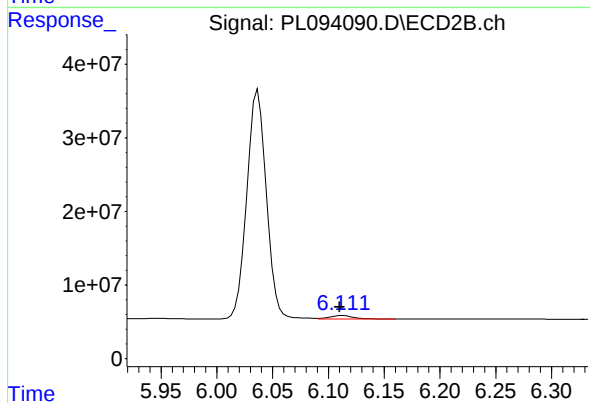
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.003 min
Response: 379684023
Conc: 116.68 ng/ml



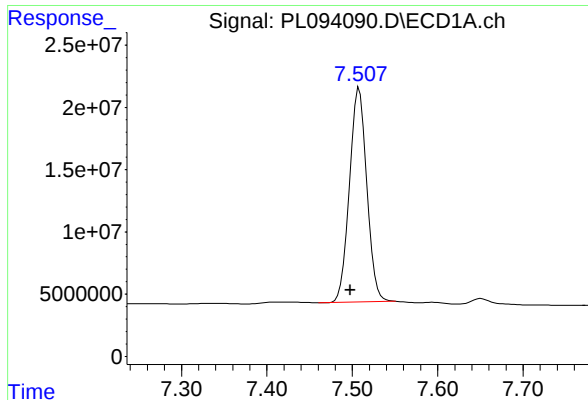
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.009 min
Response: 2691188
Conc: 1.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: 0.003 min
Response: 6215787
Conc: 2.04 ng/ml



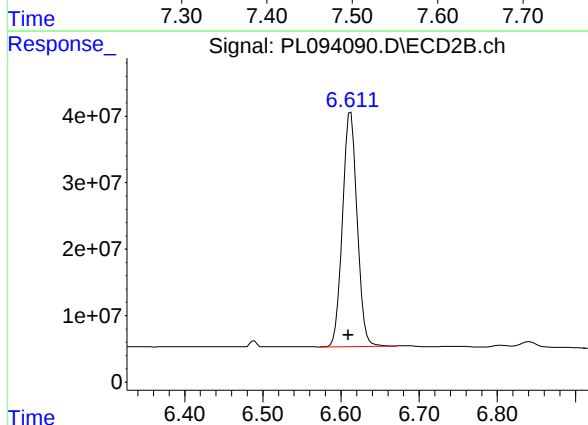
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.010 min
Response: 243587110
Conc: 233.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

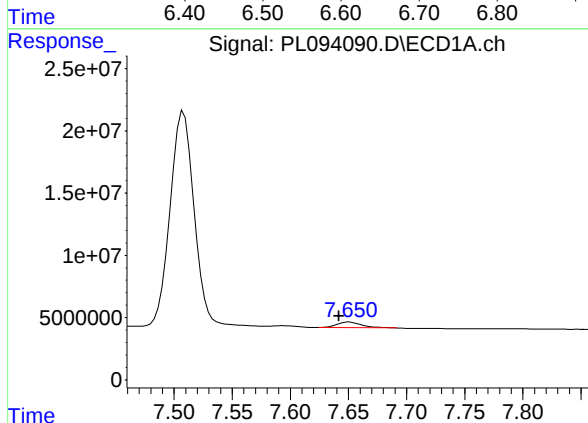
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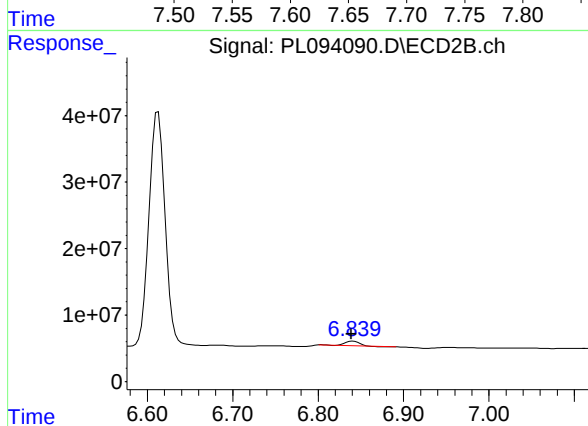
#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 459845518
Conc: 257.16 ng/ml



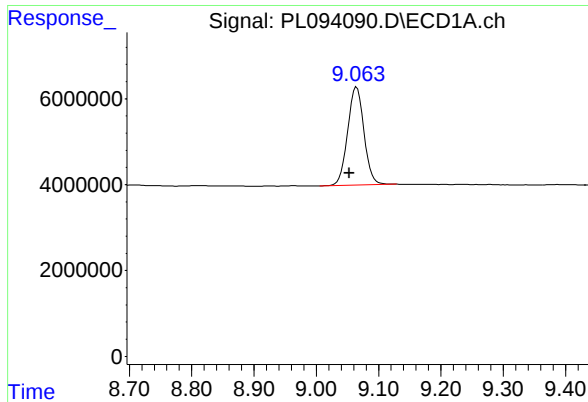
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.009 min
Response: 6549501
Conc: 2.60 ng/ml



#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.002 min
Response: 7391146
Conc: 1.76 ng/ml



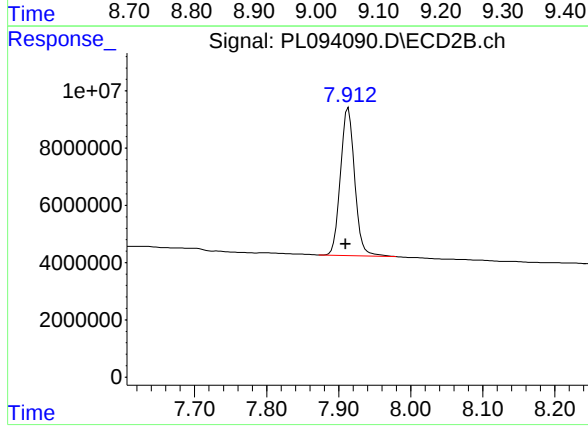
#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.012 min
Response: 41801923
Conc: 19.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.003 min
Response: 70553196
Conc: 20.13 ng/ml