

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092124\
 Data File : PL091904.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2024 11:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/23/2024
 Supervised By : Ankita Jodhani 09/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 23:56:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 2024
 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...	3.542	2.783	38065071	43504772	24.423m	23.261
28)	SA Decachlor...	9.062	7.924	28359157	42739826	23.335	23.146
Target Compounds							
2)	A alpha-BHC	3.998	3.286	28623252	31458986	13.252m	11.829
3)	MA gamma-BHC...	4.330	3.614	27707401	28079553	13.478m	11.417m
6)	B beta-BHC	4.529	3.914	11597017	14051635	12.744	12.862m
12)	B 4,4'-DDE	6.198	5.244	219691	293186	0.151m	0.155m
14)	MA Endrin	6.580	5.648	81327754	111.0E6	61.163	58.794
16)	A 4,4'-DDD	6.715	5.797	1507796	2132694	1.190m	1.273
17)	MA 4,4'-DDT	7.029	6.047	159.2E6	218.0E6	121.401	135.665
18)	B Endrin al...	6.928	6.123	2082761	2996669	1.753	2.192 #
20)	A Methoxychlor	7.505	6.622	204.4E6	270.7E6	302.165	305.651
21)	B Endrin ke...	7.647	6.849	4177124	5049460	2.701m	2.510m

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

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ALS Vial : 3 Sample Multiplier: 1

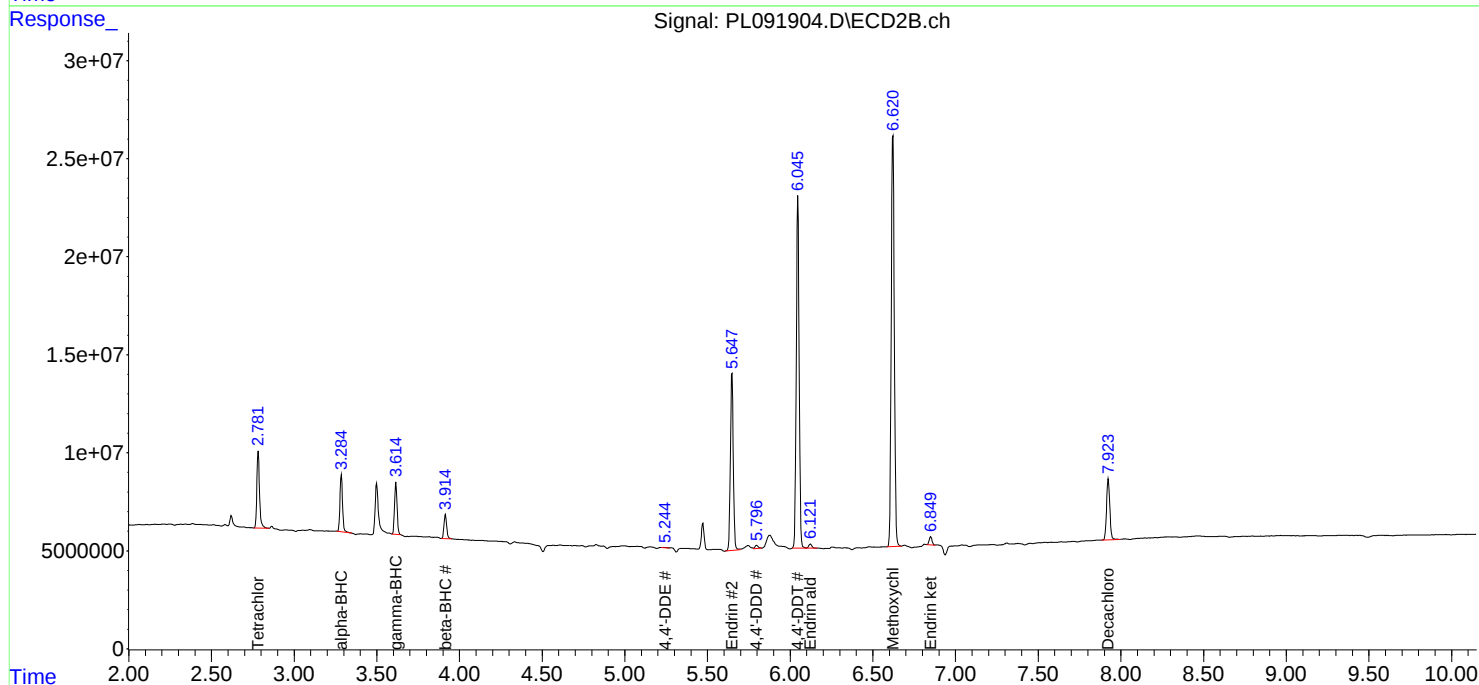
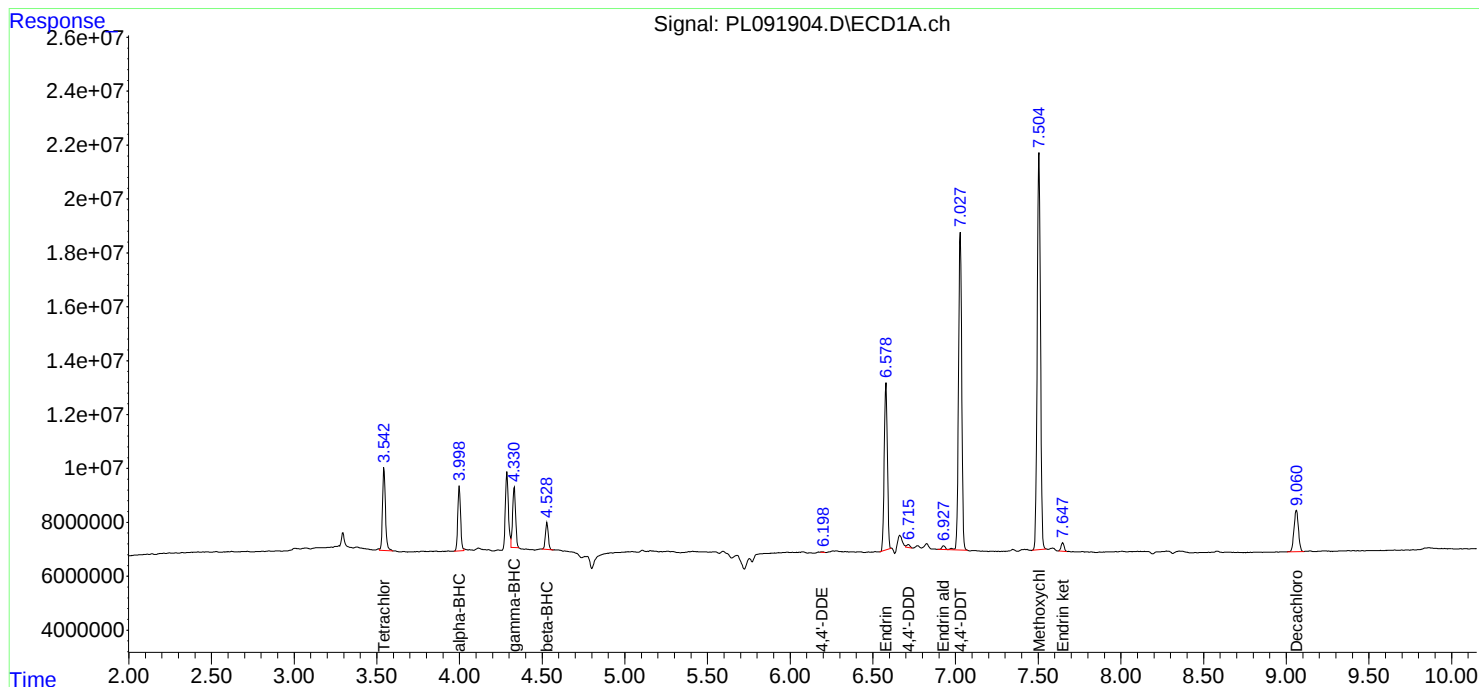
Instrument :
ECD_L
ClientSampleId :
PEM

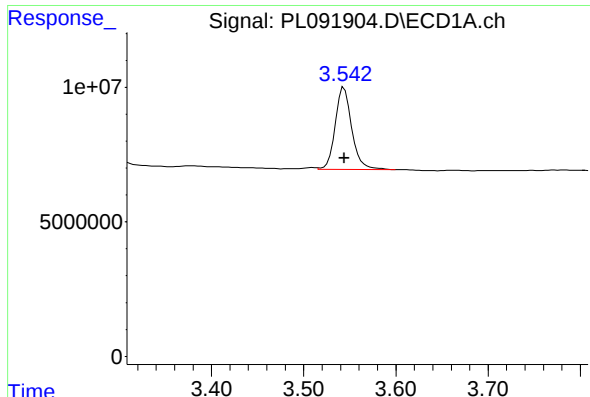
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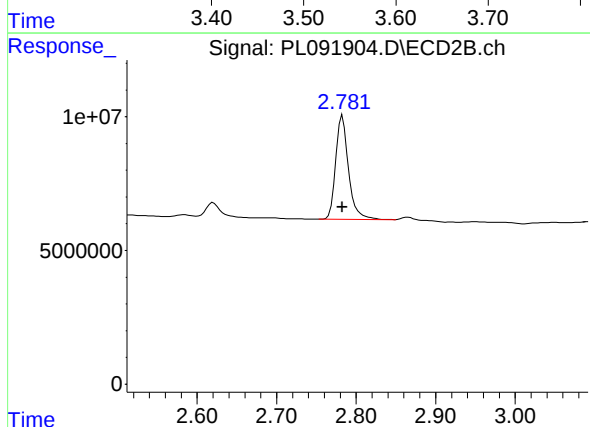
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 38065071
Conc: 24.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

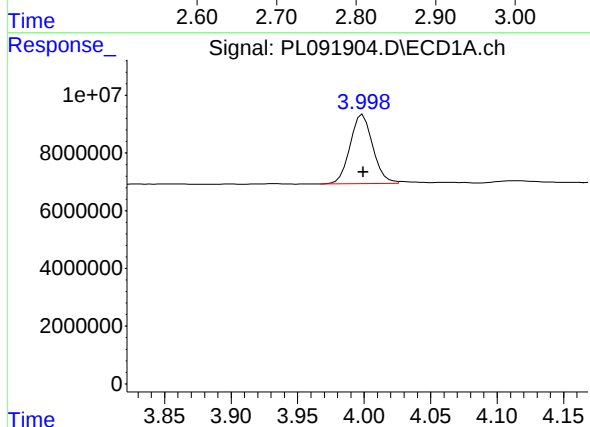
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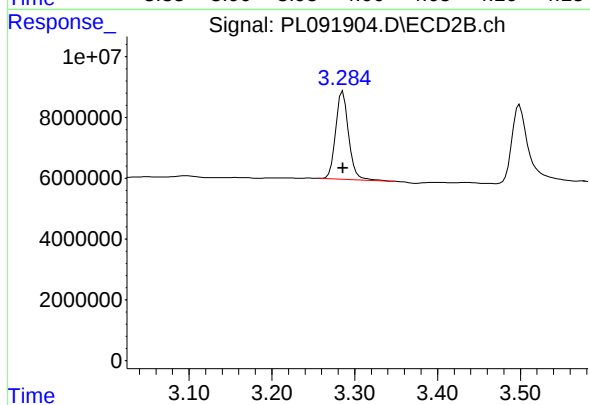
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.000 min
Response: 43504772
Conc: 23.26 ng/ml



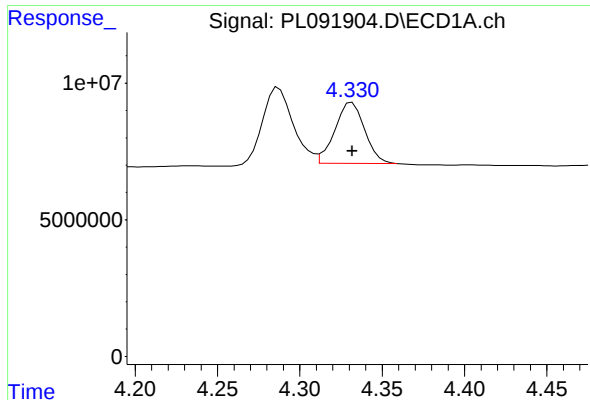
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 28623252
Conc: 13.25 ng/ml m



#2 alpha-BHC

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 31458986
Conc: 11.83 ng/ml



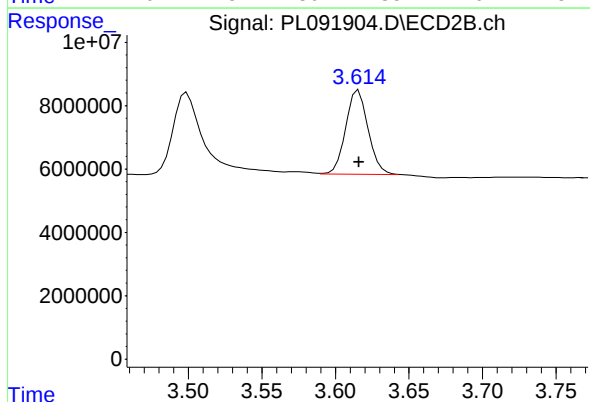
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.001 min
Response: 27707401
Conc: 13.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

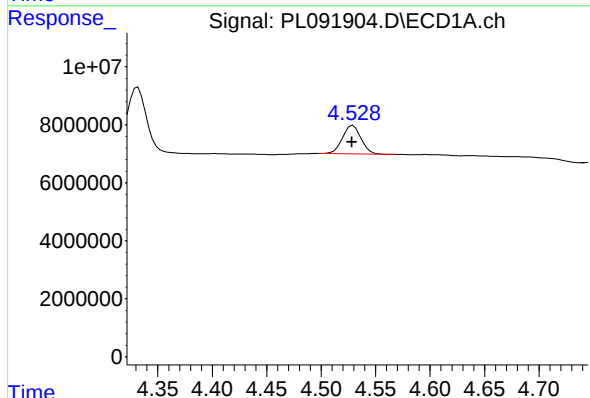
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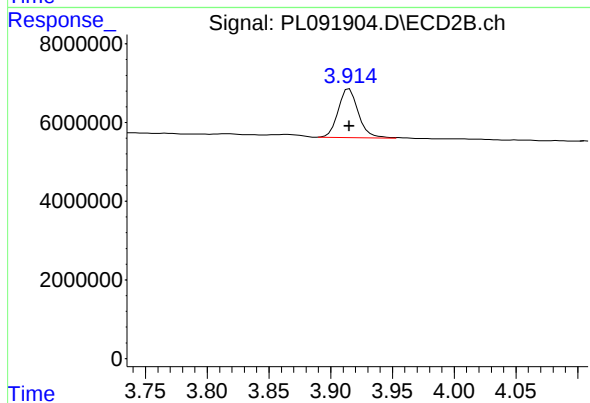
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 28079553
Conc: 11.42 ng/ml m



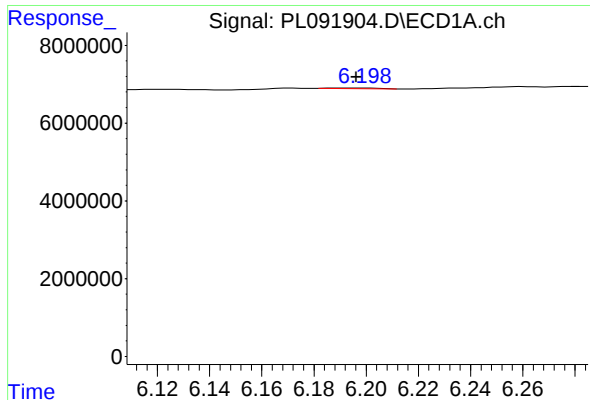
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 11597017
Conc: 12.74 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.002 min
Response: 14051635
Conc: 12.86 ng/ml m



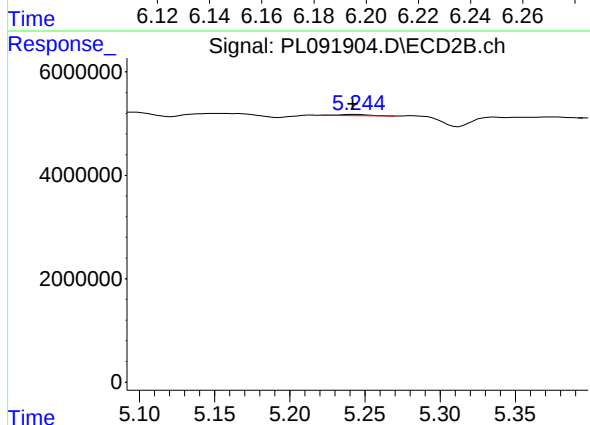
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 219691
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

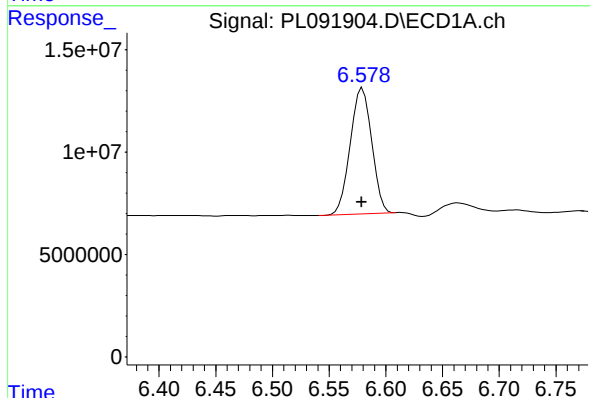
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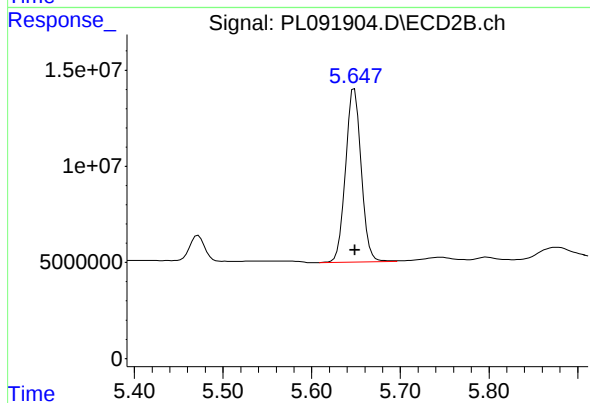
#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: 0.002 min
Response: 293186
Conc: 0.15 ng/ml



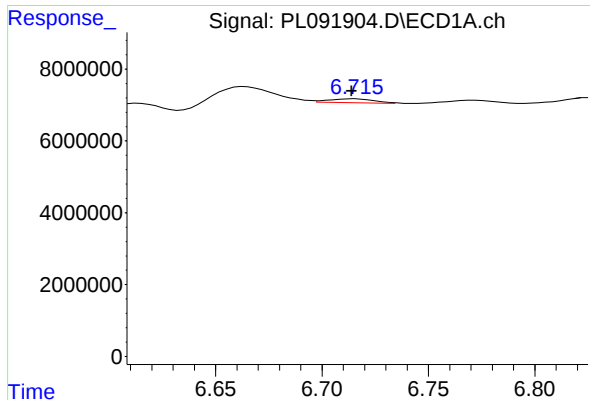
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 81327754
Conc: 61.16 ng/ml



#14 Endrin

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 110956519
Conc: 58.79 ng/ml



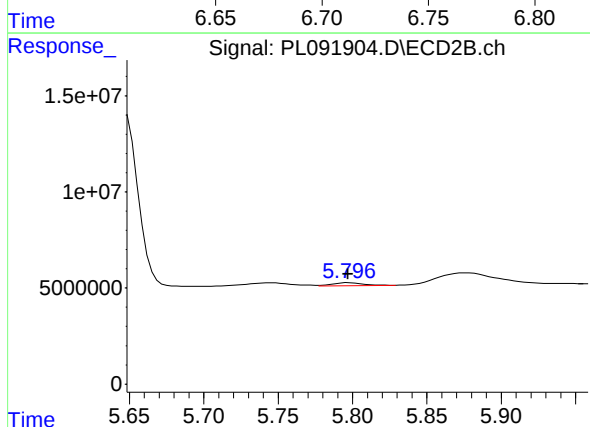
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 1507796
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

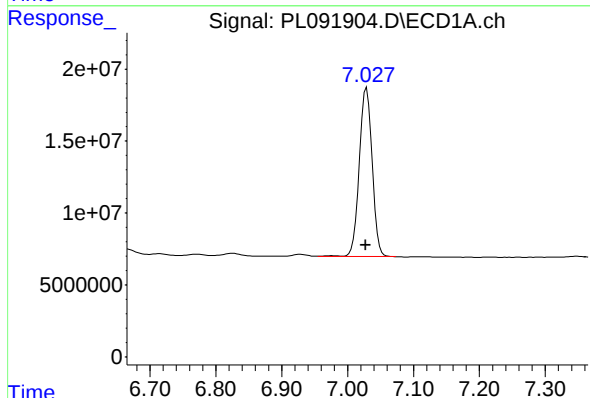
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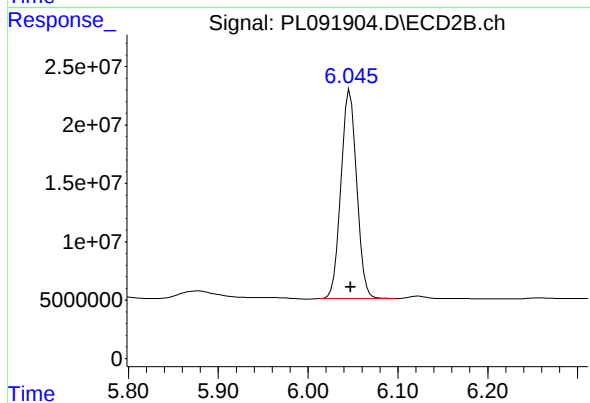
#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 2132694
Conc: 1.27 ng/ml



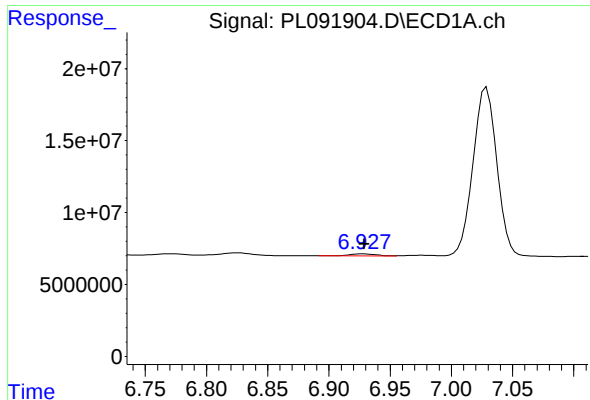
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.001 min
Response: 159247820
Conc: 121.40 ng/ml



#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 217984482
Conc: 135.67 ng/ml



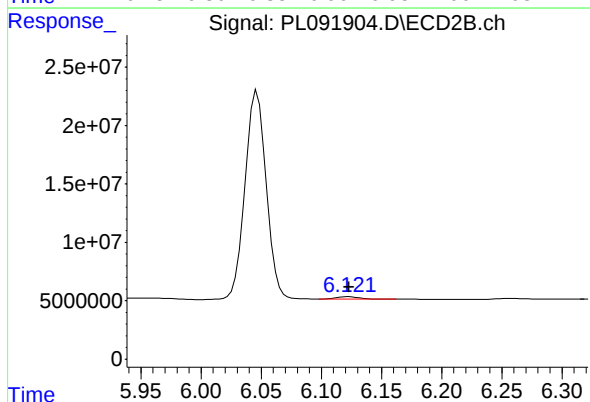
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 2082761
Conc: 1.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

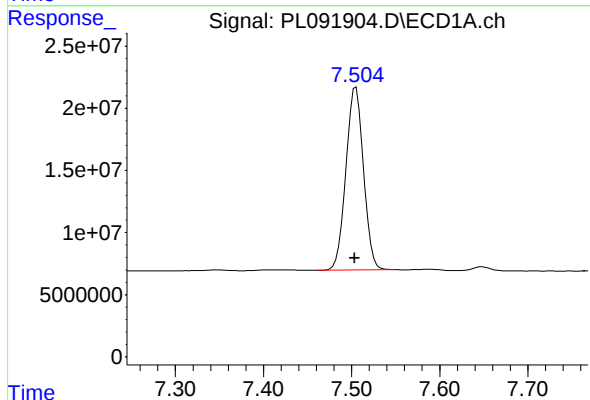
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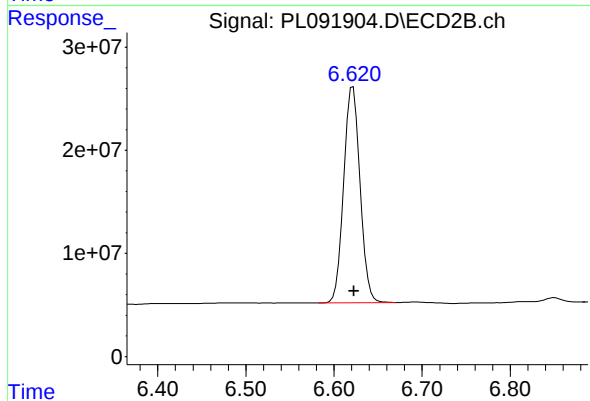
#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 2996669
Conc: 2.19 ng/ml



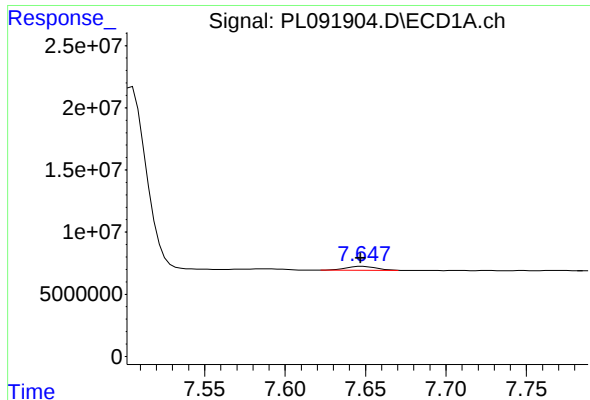
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.002 min
Response: 204404645
Conc: 302.16 ng/ml



#20 Methoxychlor

R.T.: 6.622 min
Delta R.T.: -0.001 min
Response: 270734455
Conc: 305.65 ng/ml



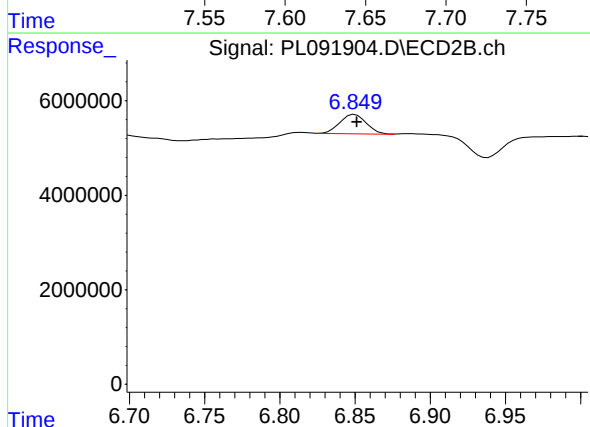
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 4177124
Conc: 2.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

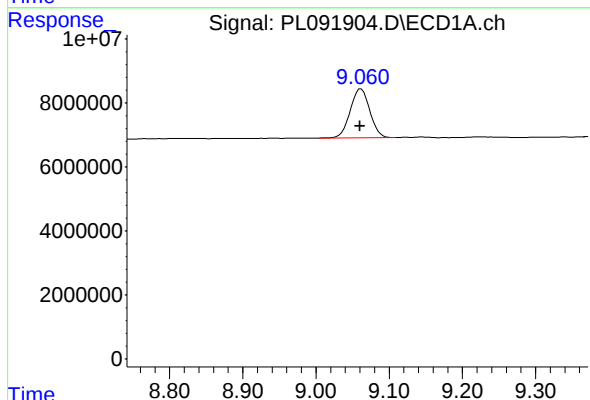
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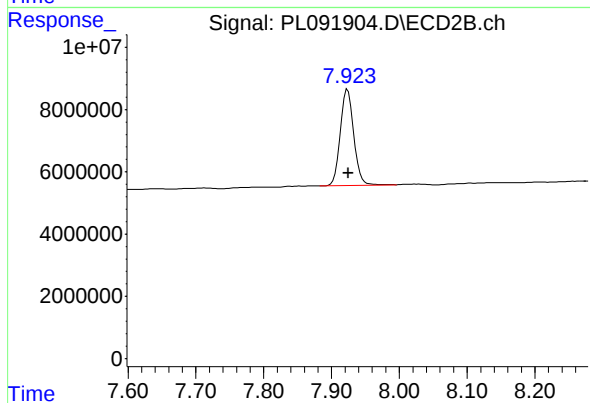
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: -0.003 min
Response: 5049460
Conc: 2.51 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.001 min
Response: 28359157
Conc: 23.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 42739826
Conc: 23.15 ng/ml