

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022525\
 Data File : PL094386.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2025 10:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/26/2025
 Supervised By : Ankita Jodhani 02/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 00:07:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.543	2.771	57821212	71191394	22.772	22.309
28)	SA Decachlor...	9.060	7.908	45947843	77887681	21.599	20.253
Target Compounds							
2)	A alpha-BHC	3.999	3.273	42658880	50277860	11.277	10.230
3)	MA gamma-BHC...	4.332	3.603	40675550	47157189	11.009	10.012
6)	B beta-BHC	4.531	3.904	18241781	23639972	11.423	11.886
12)	B 4,4'-DDE	6.192	5.225	645281	1012084	0.247m	0.241m
14)	MA Endrin	6.577	5.633	107.5E6	185.7E6	42.128m	54.536 #
16)	A 4,4'-DDD	6.714	5.782	11325634	17002155	6.123	5.338
17)	MA 4,4'-DDT	7.029	6.032	193.6E6	377.0E6	92.185	105.989
18)	B Endrin al...	6.929	6.108	4921863	9627018	2.528	3.046
20)	A Methoxychlor	7.505	6.608	242.3E6	451.4E6	218.067	231.370
21)	B Endrin ke...	7.648	6.836	12454981	19341692	4.968	4.532

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022525\
Data File : PL094386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Feb 2025 10:15
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

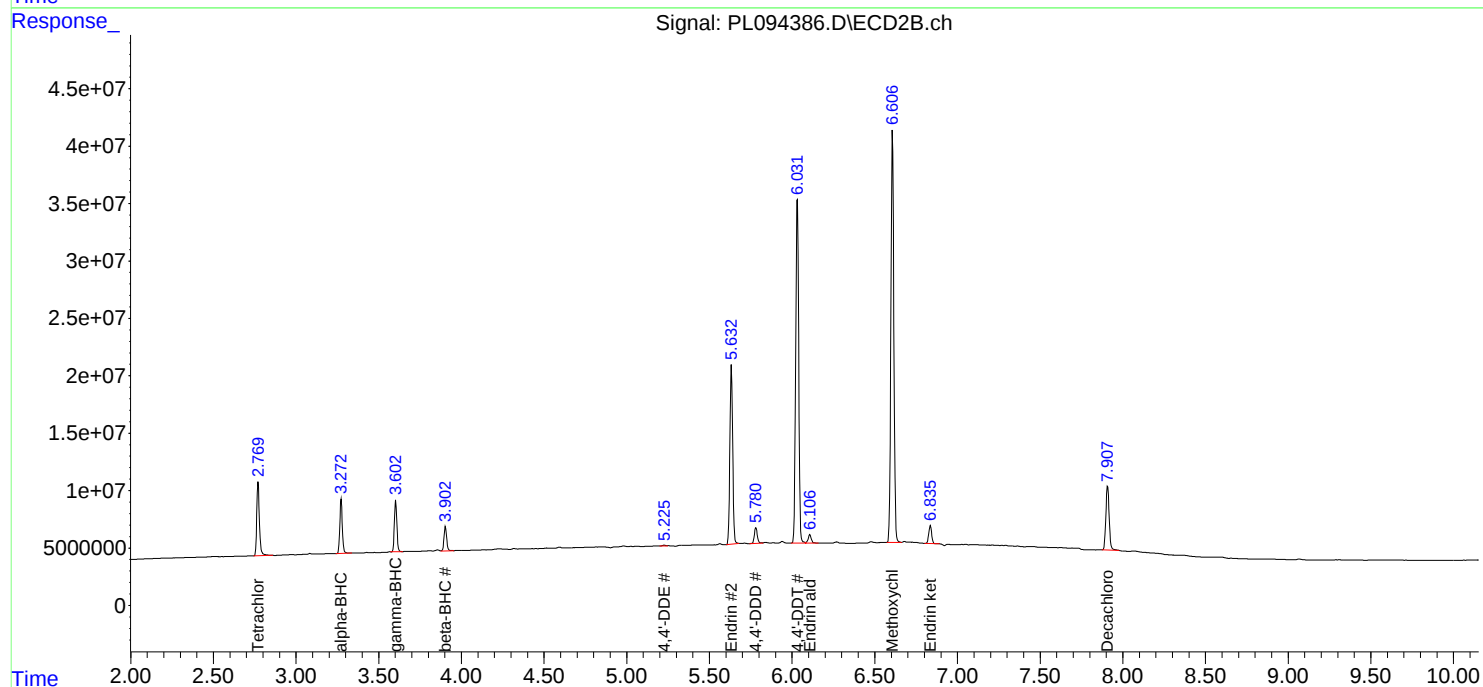
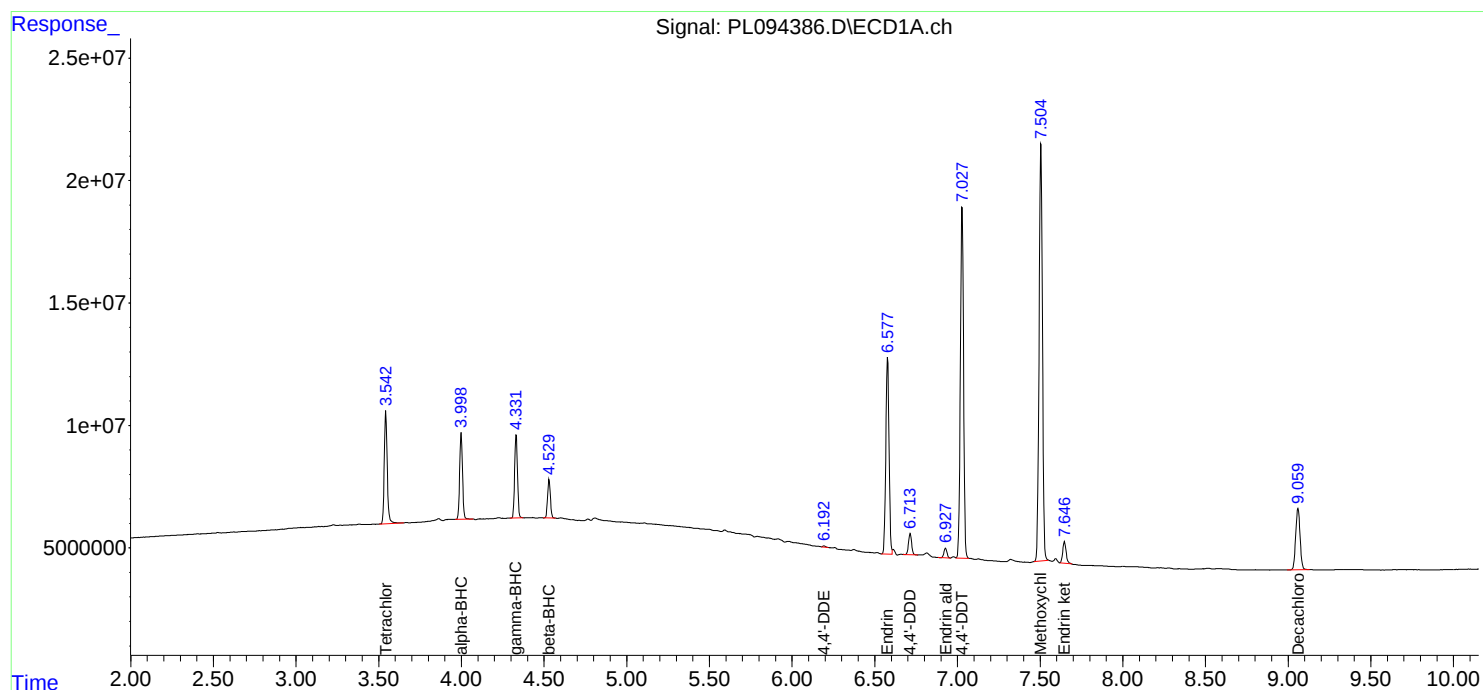
Instrument :
ECD_L
ClientSampleId :
PEM

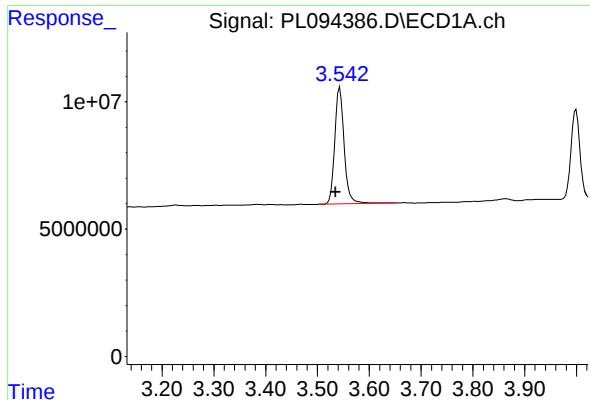
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 00:07:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 2025
Response 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





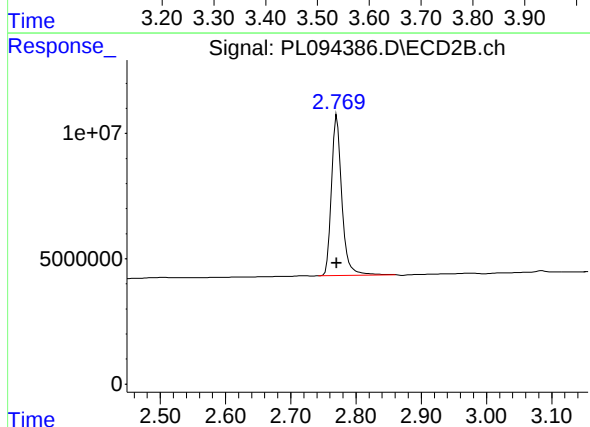
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.008 min
Response: 57821212
Conc: 22.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

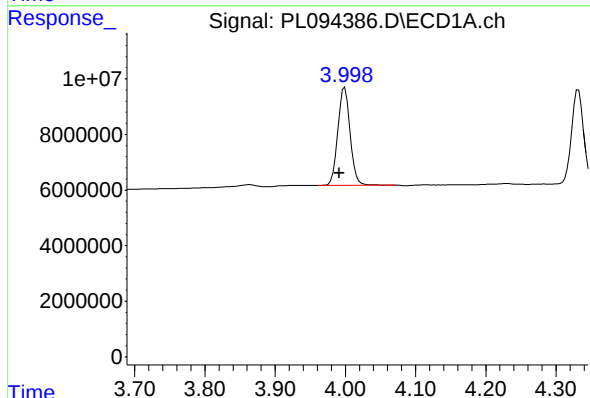
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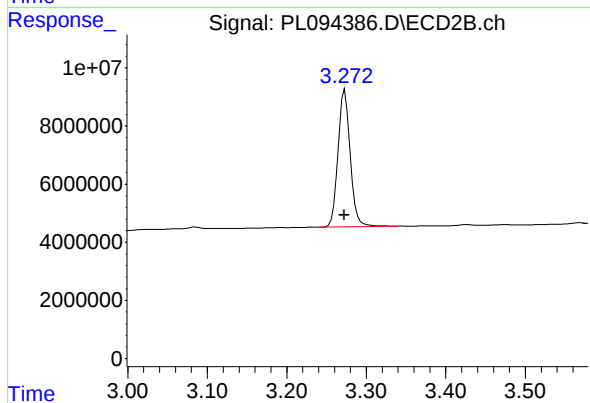
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 71191394
Conc: 22.31 ng/ml



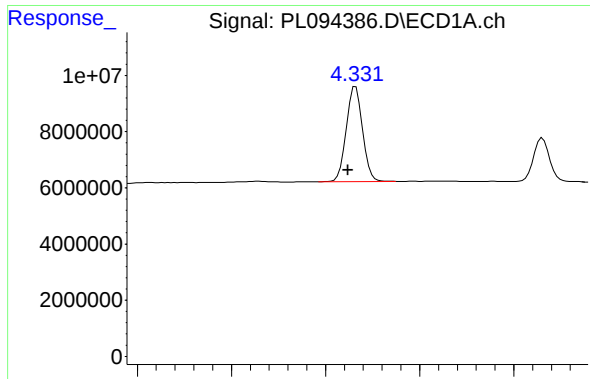
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.008 min
Response: 42658880
Conc: 11.28 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 50277860
Conc: 10.23 ng/ml



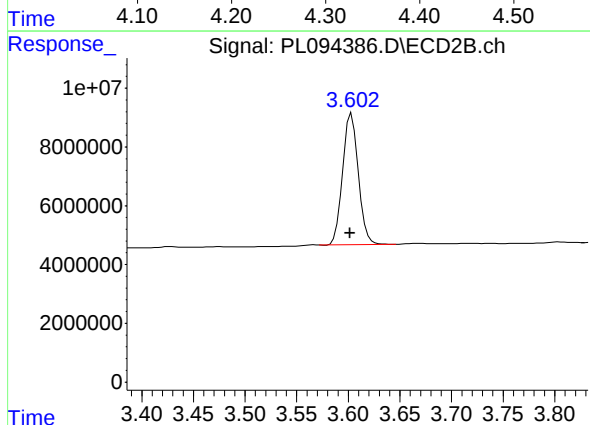
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.008 min
Response: 40675550
Conc: 11.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

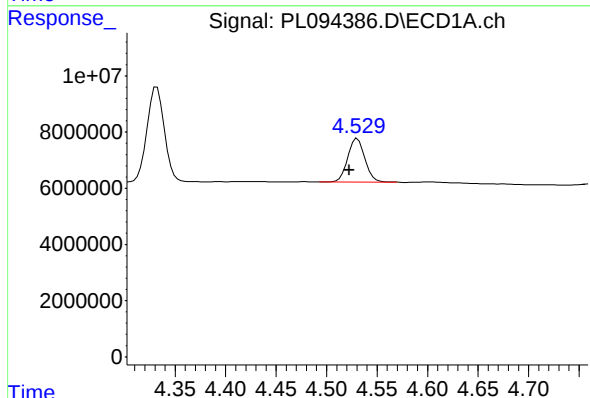
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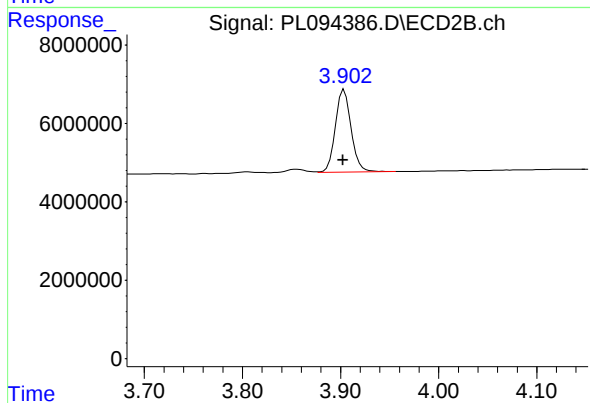
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 47157189
Conc: 10.01 ng/ml



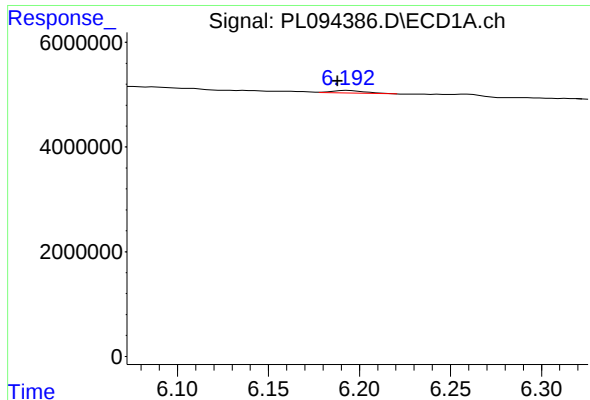
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.008 min
Response: 18241781
Conc: 11.42 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 23639972
Conc: 11.89 ng/ml



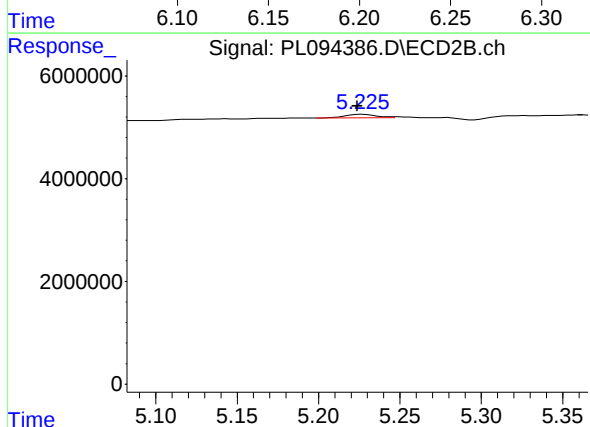
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.004 min
Response: 645281
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

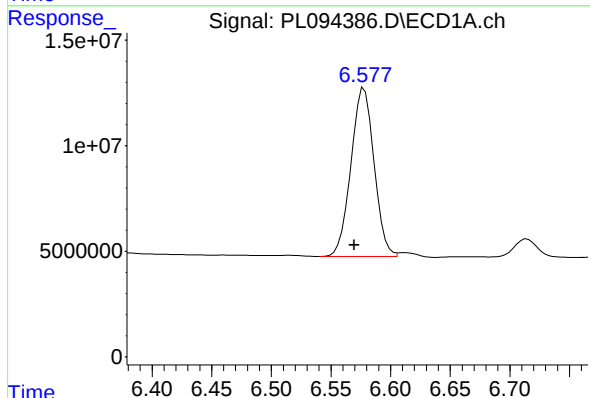
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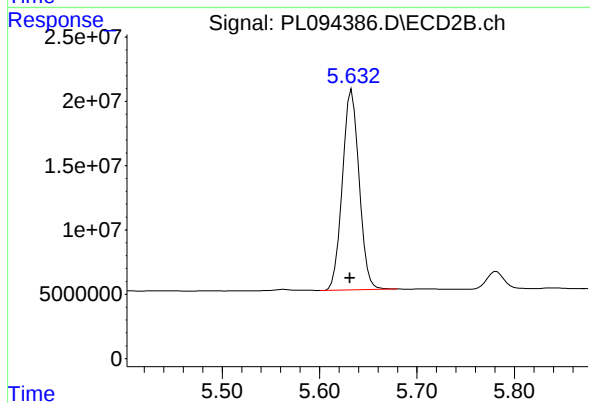
#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.002 min
Response: 1012084
Conc: 0.24 ng/ml



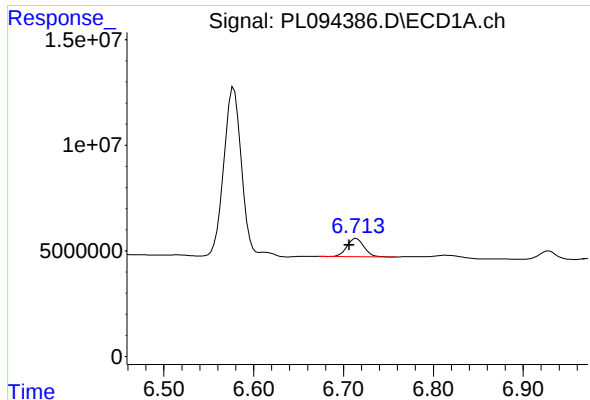
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.007 min
Response: 107522075
Conc: 42.13 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 185680906
Conc: 54.54 ng/ml



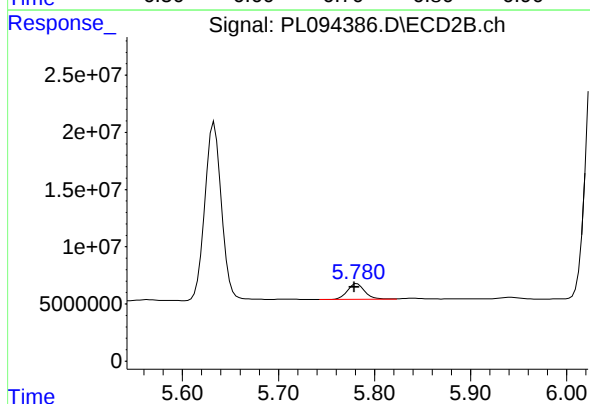
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.008 min
Response: 11325634
Conc: 6.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

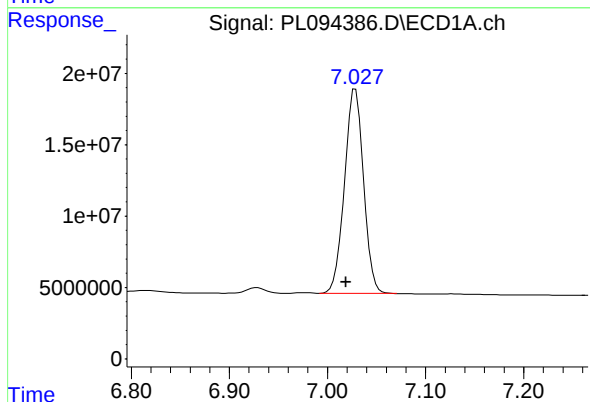
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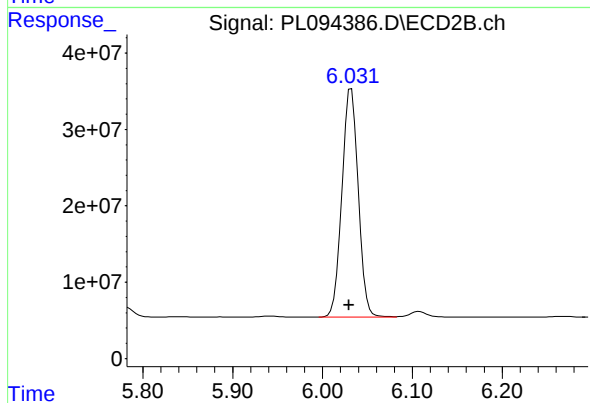
#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 17002155
Conc: 5.34 ng/ml



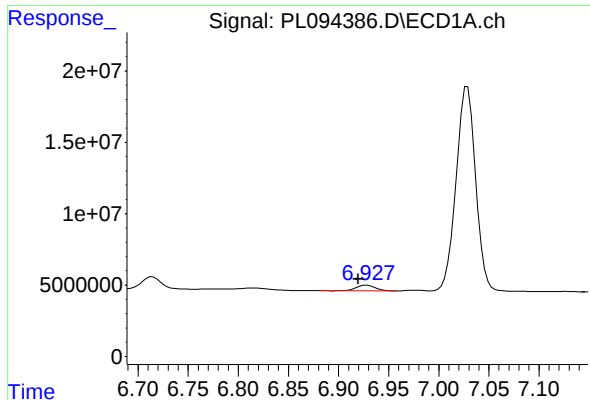
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.010 min
Response: 193591429
Conc: 92.19 ng/ml



#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 377002875
Conc: 105.99 ng/ml



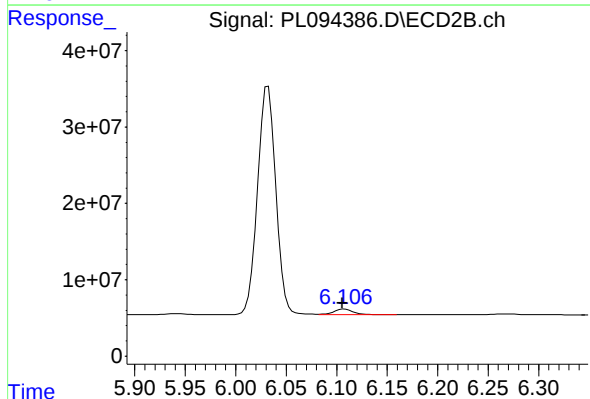
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.009 min
Response: 4921863
Conc: 2.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

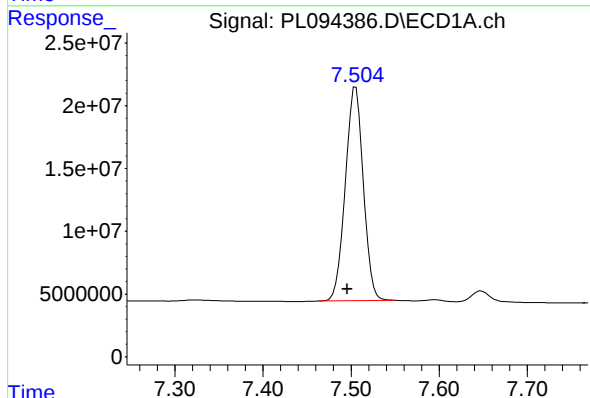
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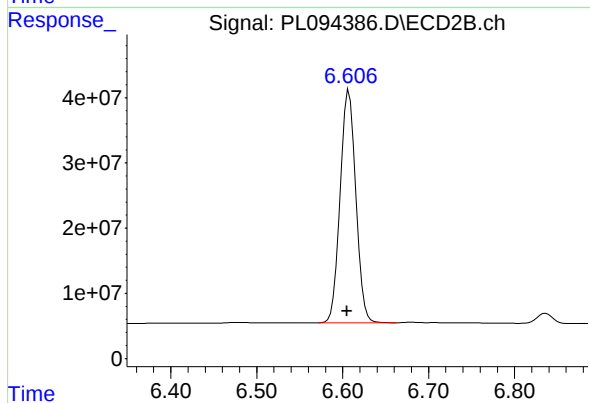
#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 9627018
Conc: 3.05 ng/ml



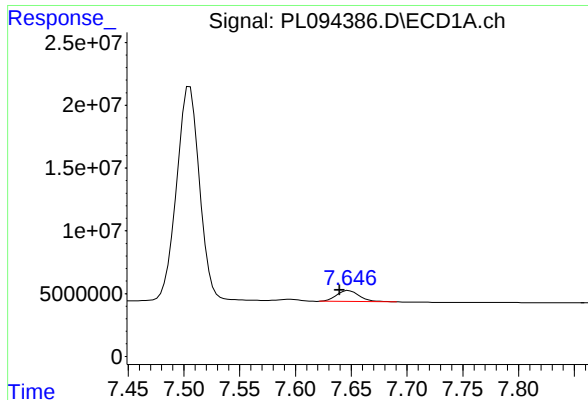
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.010 min
Response: 242281211
Conc: 218.07 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.003 min
Response: 451409465
Conc: 231.37 ng/ml



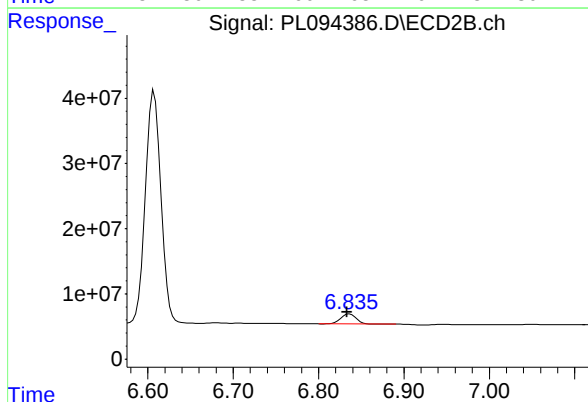
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.008 min
Response: 12454981
Conc: 4.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

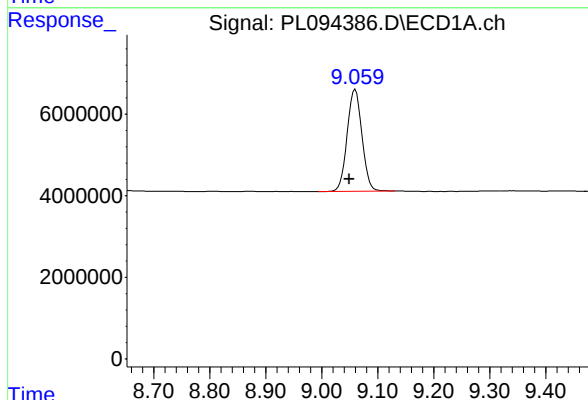
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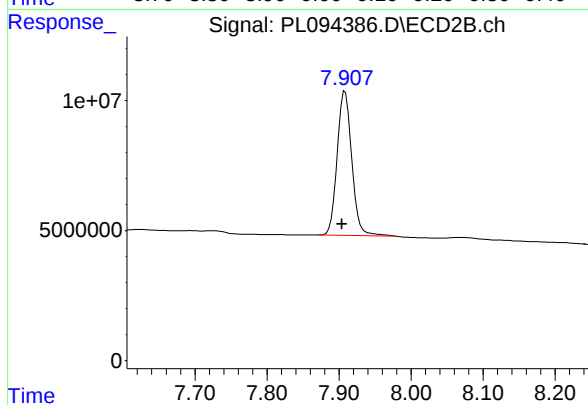
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.003 min
Response: 19341692
Conc: 4.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.011 min
Response: 45947843
Conc: 21.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.004 min
Response: 77887681
Conc: 20.25 ng/ml