

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081324\
 Data File : PL091005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2024 22:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/16/2024
 Supervised By :Ankita Jodhani 08/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 06:09:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 06:05:42 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...	3.544	2.784	43322379	37755438	20.176	19.342
28)	SA Decachlor...	9.056	7.926	33035159	39418303	21.669	20.811
Target Compounds							
2)	A alpha-BHC	3.999	3.286	31988911	25419942	10.671	9.165m
3)	MA gamma-BHC...	4.331	3.618	30548486	24386494	10.649	9.259
6)	B beta-BHC	4.527	3.915	14487316	12517547	10.713	10.635m
12)	B 4,4'-DDE	6.196	5.246	674243	422045	0.322m	0.202 #
14)	MA Endrin	6.577	5.651	89067480	96434304	45.929	47.338
16)	A 4,4'-DDD	6.710	5.799	2651885	3133515	1.755m	1.898
17)	MA 4,4'-DDT	7.026	6.049	163.2E6	192.6E6	91.955	108.441
18)	B Endrin al...	6.926	6.124	2777363	3418693	1.740	2.195 #
20)	A Methoxychlor	7.501	6.624	205.3E6	240.6E6	218.352	242.346
21)	B Endrin ke...	7.643	6.851	6295877	5701612	2.998m	2.618

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

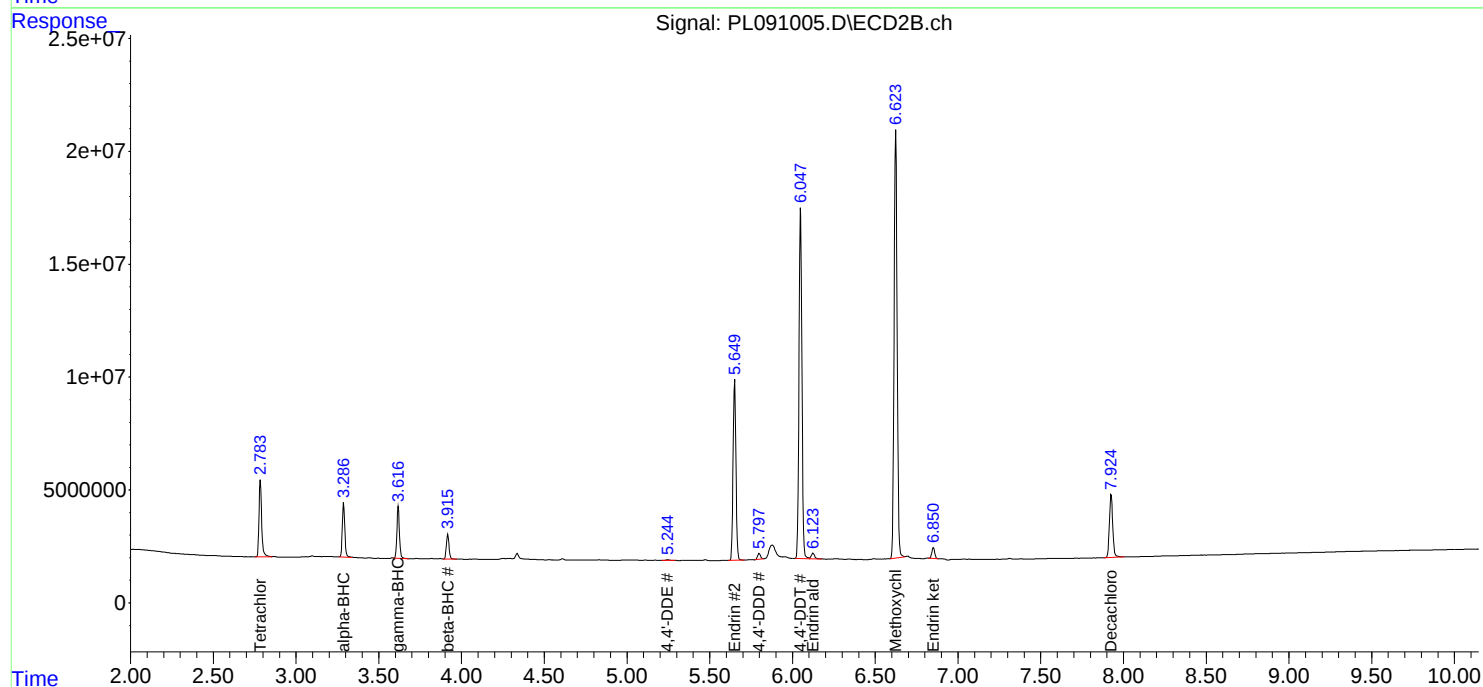
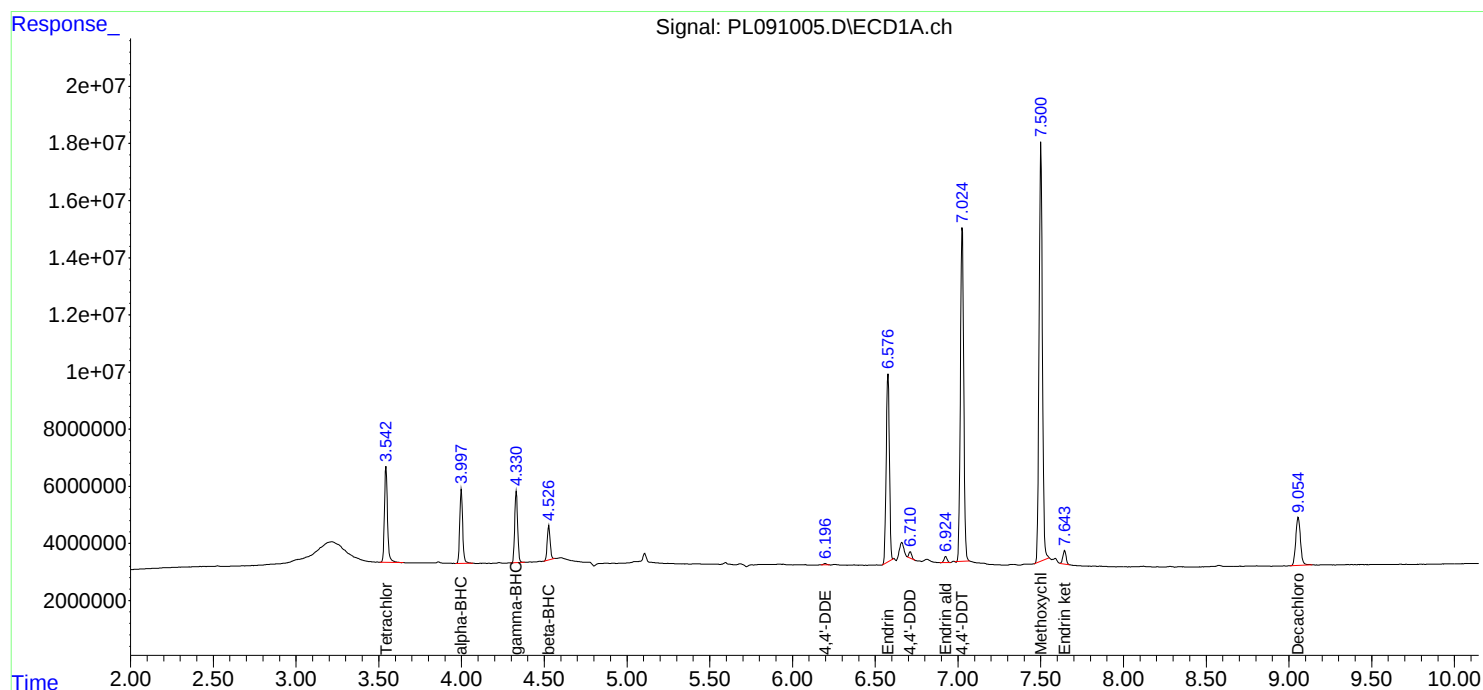
Instrument :
ECD_L
ClientSampleId :
PEM

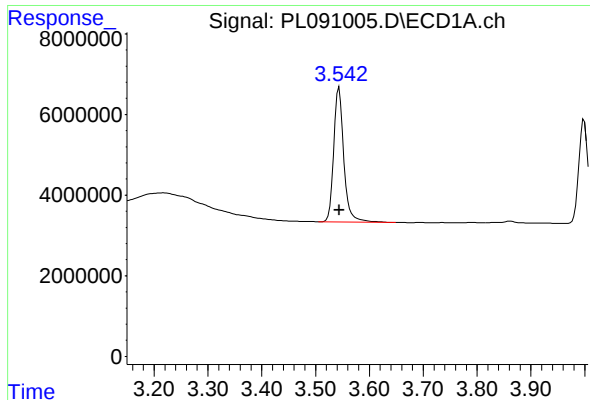
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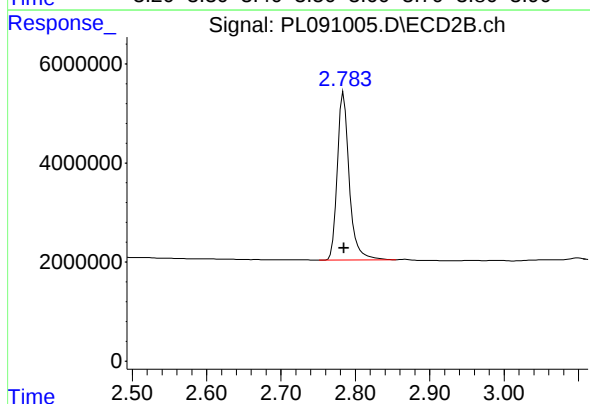
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 43322379
Conc: 20.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

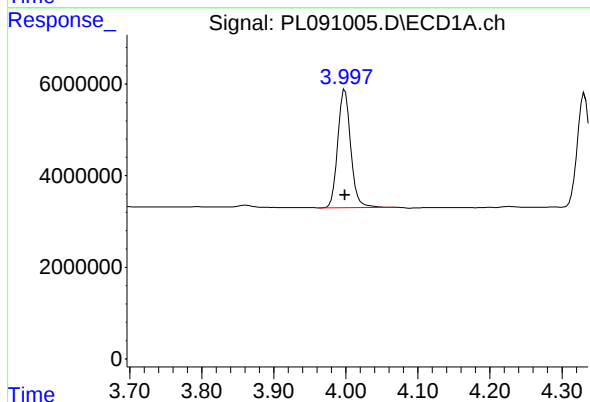
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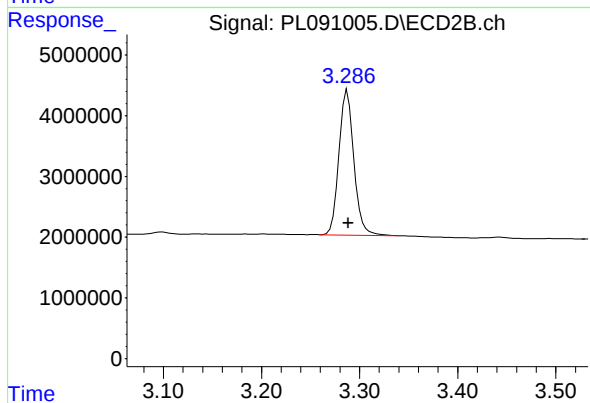
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: 0.000 min
Response: 37755438
Conc: 19.34 ng/ml



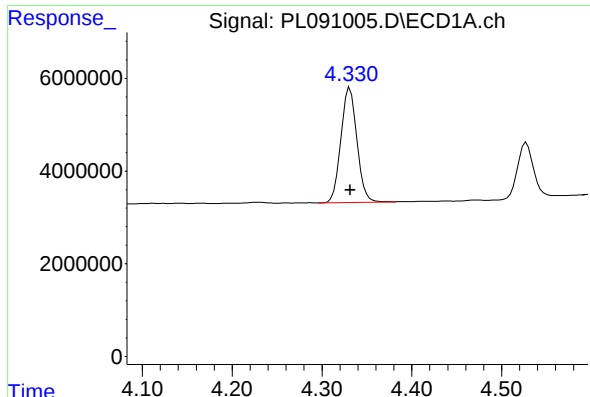
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 31988911
Conc: 10.67 ng/ml



#2 alpha-BHC

R.T.: 3.286 min
Delta R.T.: -0.002 min
Response: 25419942
Conc: 9.17 ng/ml m



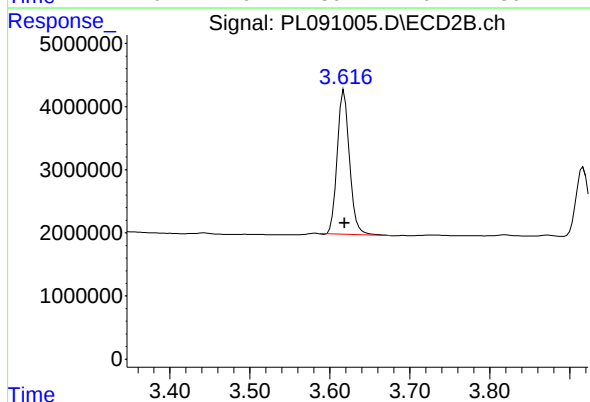
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 30548486
Conc: 10.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

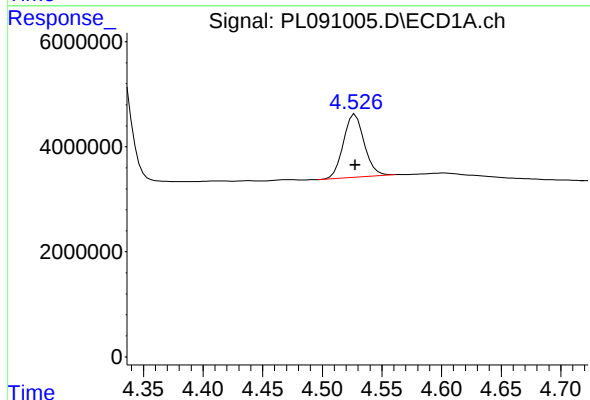
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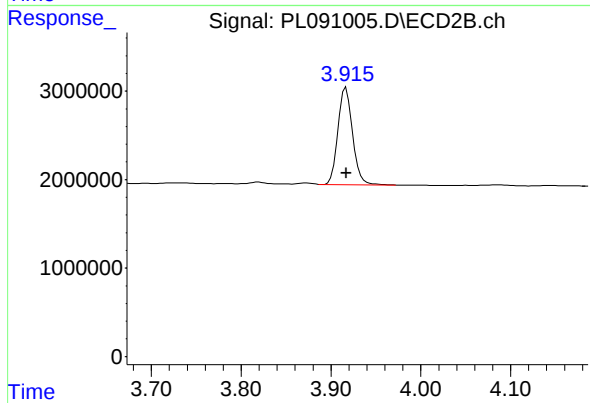
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: 0.000 min
Response: 24386494
Conc: 9.26 ng/ml



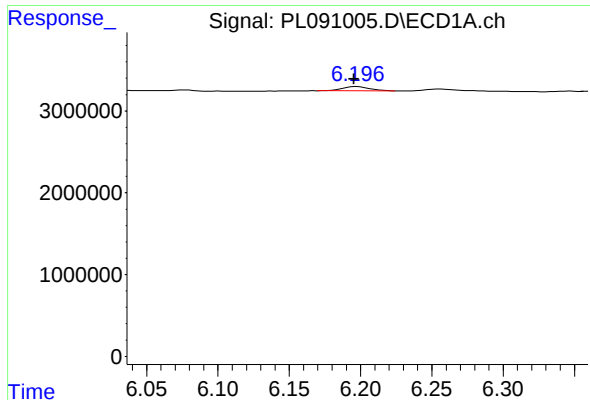
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 14487316
Conc: 10.71 ng/ml



#6 beta-BHC

R.T.: 3.915 min
Delta R.T.: -0.002 min
Response: 12517547
Conc: 10.63 ng/ml m



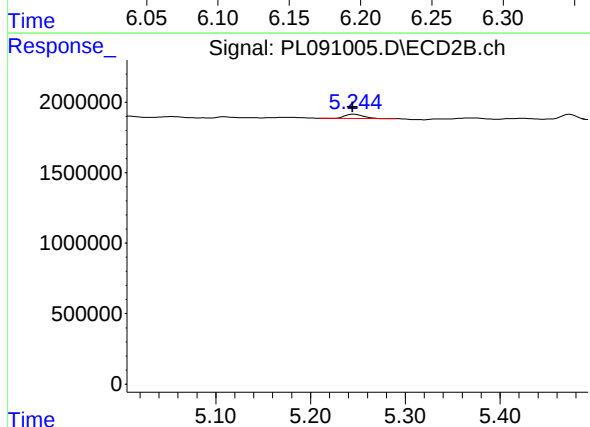
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 674243
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

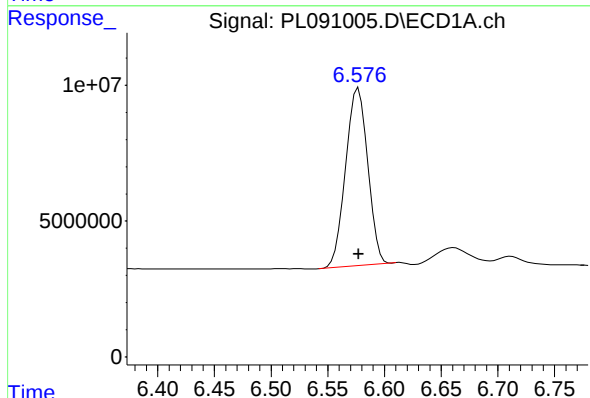
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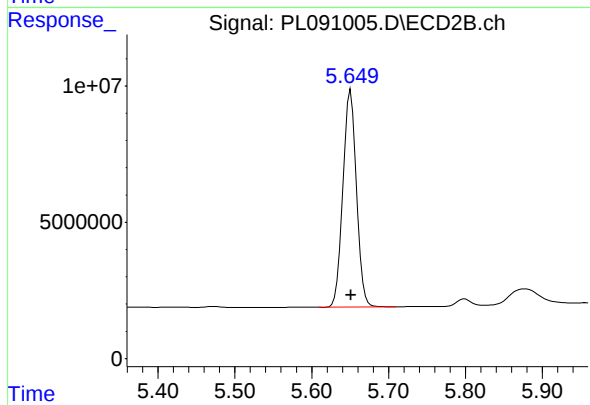
#12 4,4'-DDE

R.T.: 5.246 min
Delta R.T.: 0.001 min
Response: 422045
Conc: 0.20 ng/ml



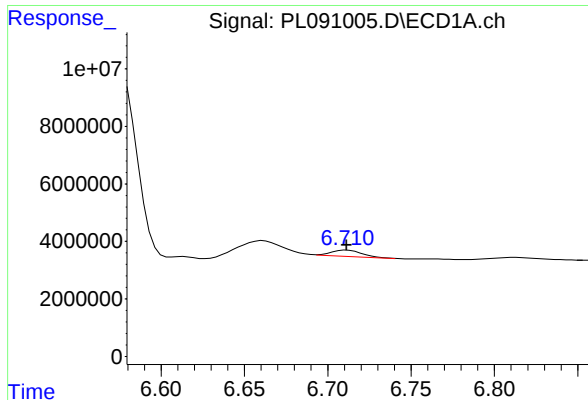
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 89067480
Conc: 45.93 ng/ml



#14 Endrin

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 96434304
Conc: 47.34 ng/ml



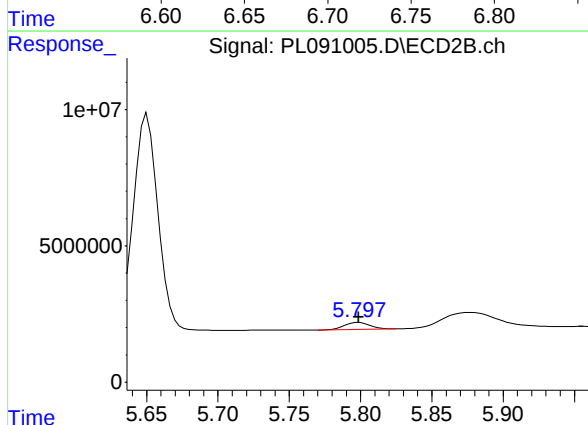
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 2651885
Conc: 1.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

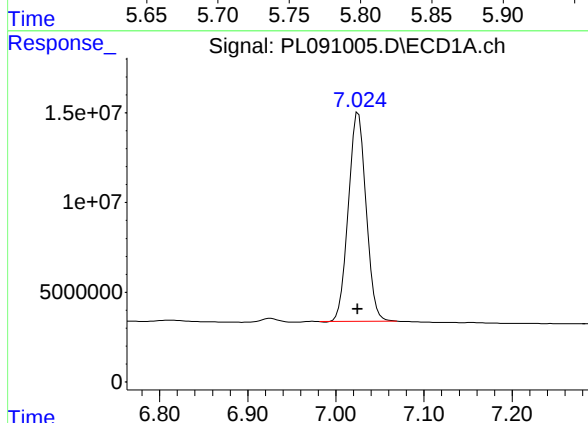
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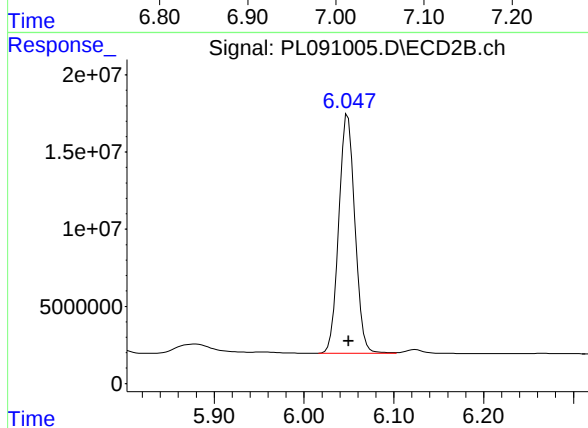
#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 3133515
Conc: 1.90 ng/ml



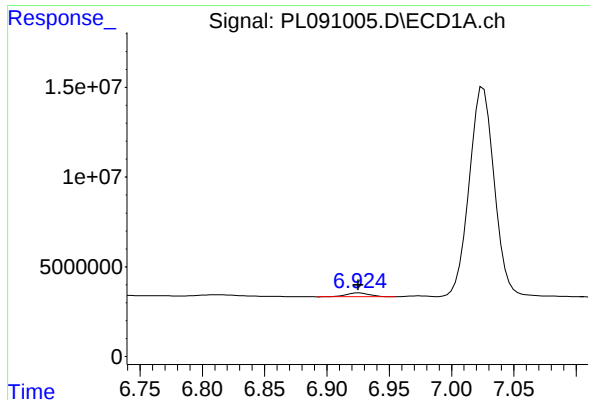
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 163226718
Conc: 91.95 ng/ml



#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 192634925
Conc: 108.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 2777363
Conc: 1.74 ng/ml

Instrument :

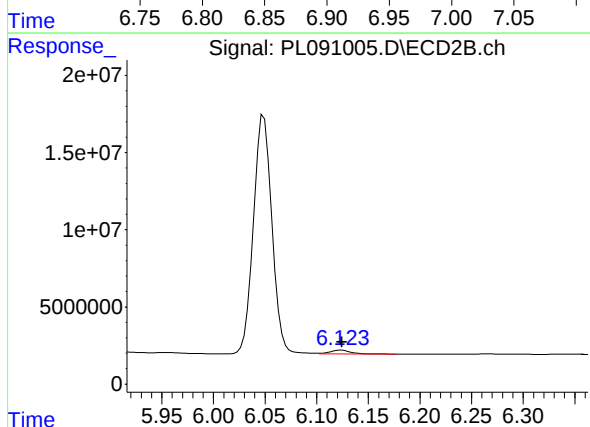
ECD_L

ClientSampleId :

PEM

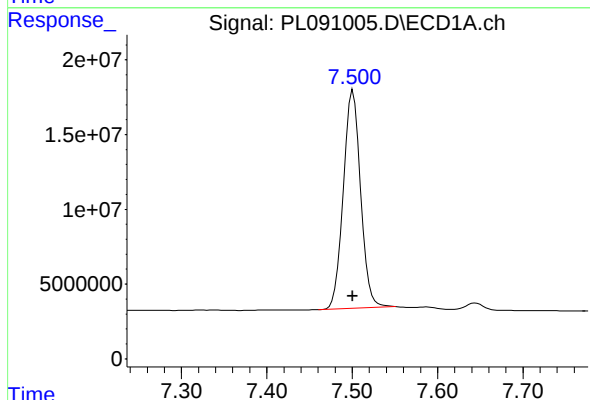
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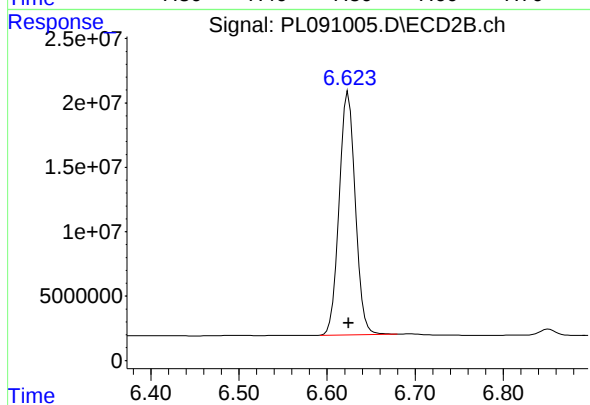
#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 3418693
Conc: 2.19 ng/ml



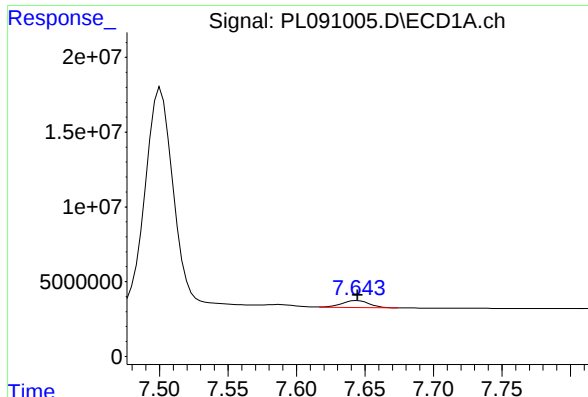
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 205307954
Conc: 218.35 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 240645697
Conc: 242.35 ng/ml



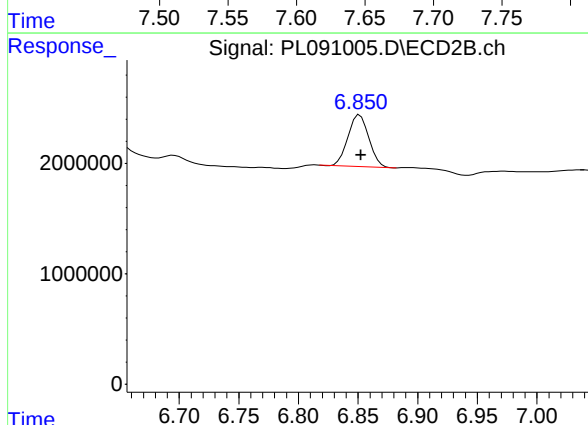
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.001 min
Response: 6295877
Conc: 3.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

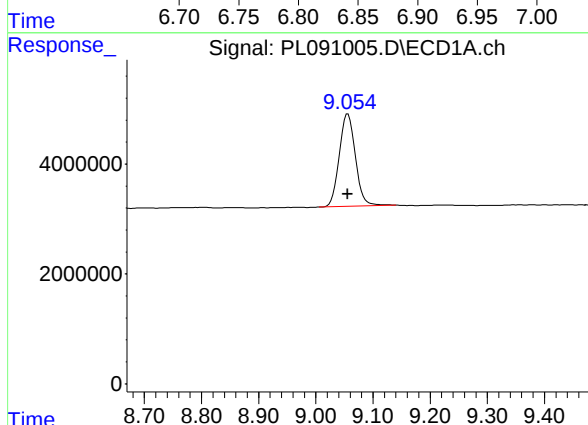
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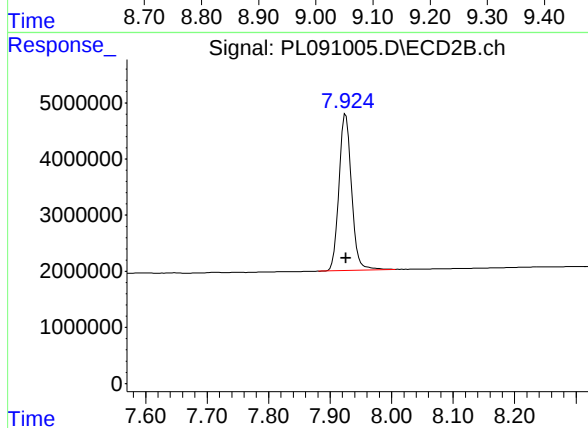
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.001 min
Response: 5701612
Conc: 2.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 33035159
Conc: 21.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 39418303
Conc: 20.81 ng/ml