

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071824\
 Data File : PL090575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2024 09:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/19/2024
 Supervised By :Ankita Jodhani 07/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:45:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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...	3.548	2.792	44992736	35090773	21.608m	20.851
28)	SA Decachlor...	9.066	7.936	31095054	32728514	23.400	22.446
Target Compounds							
2)	A alpha-BHC	4.004	3.295	33557684	23738930	11.309	9.825
3)	MA gamma-BHC...	4.337	3.625	31626782	22992089	11.293	9.971m
6)	B beta-BHC	4.533	3.924	14754654	11680429	11.631	11.316
12)	B 4,4'-DDE	6.200	5.252	883984	428478	0.437m	0.240m#
14)	MA Endrin	6.583	5.660	83928450	80711000	45.652m	46.895
16)	A 4,4'-DDD	6.716	5.807	11500894	8814606	6.813m	5.883
17)	MA 4,4'-DDT	7.032	6.059	153.6E6	157.0E6	91.249	107.154
18)	B Endrin al...	6.931	6.132	4047206	3689087	2.728m	2.824m
20)	A Methoxychlor	7.508	6.632	196.2E6	198.2E6	222.207	245.106m
21)	B Endrin ke...	7.652	6.860	10358532	10535402	5.426	5.765m

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

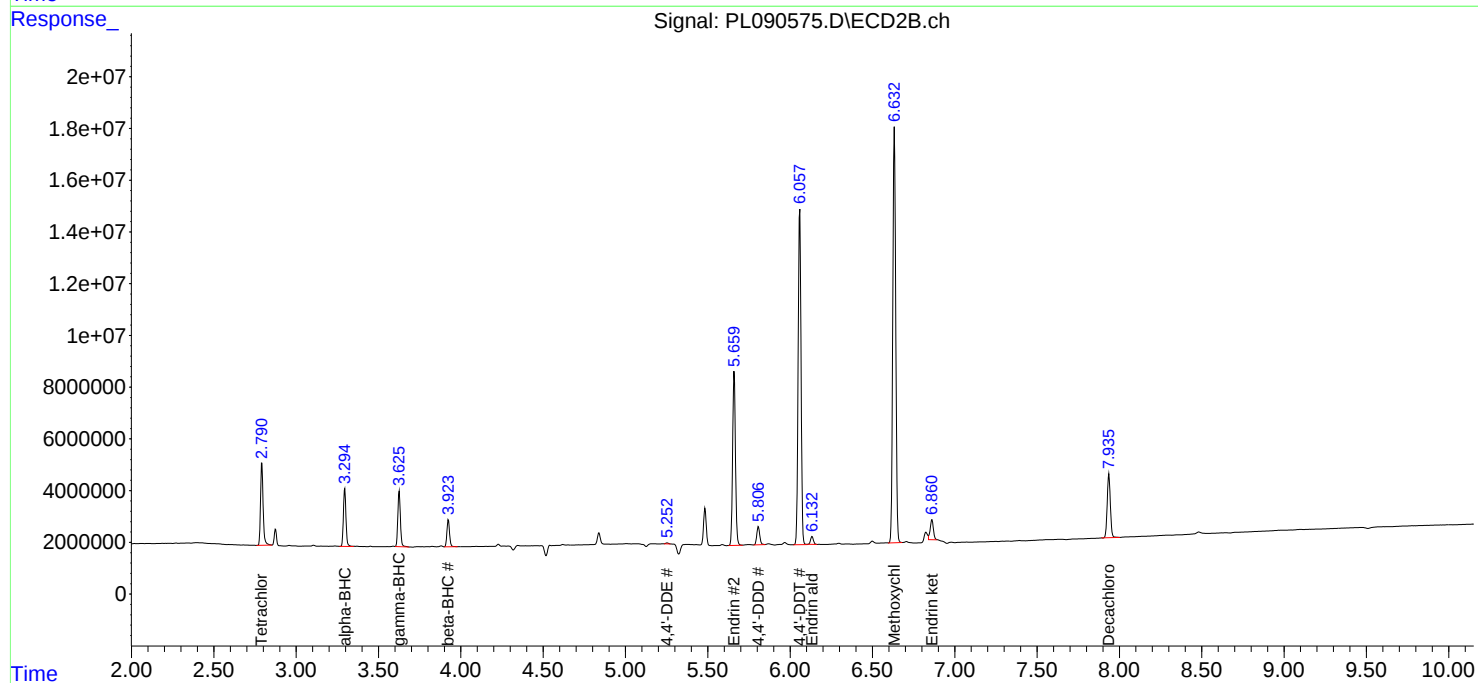
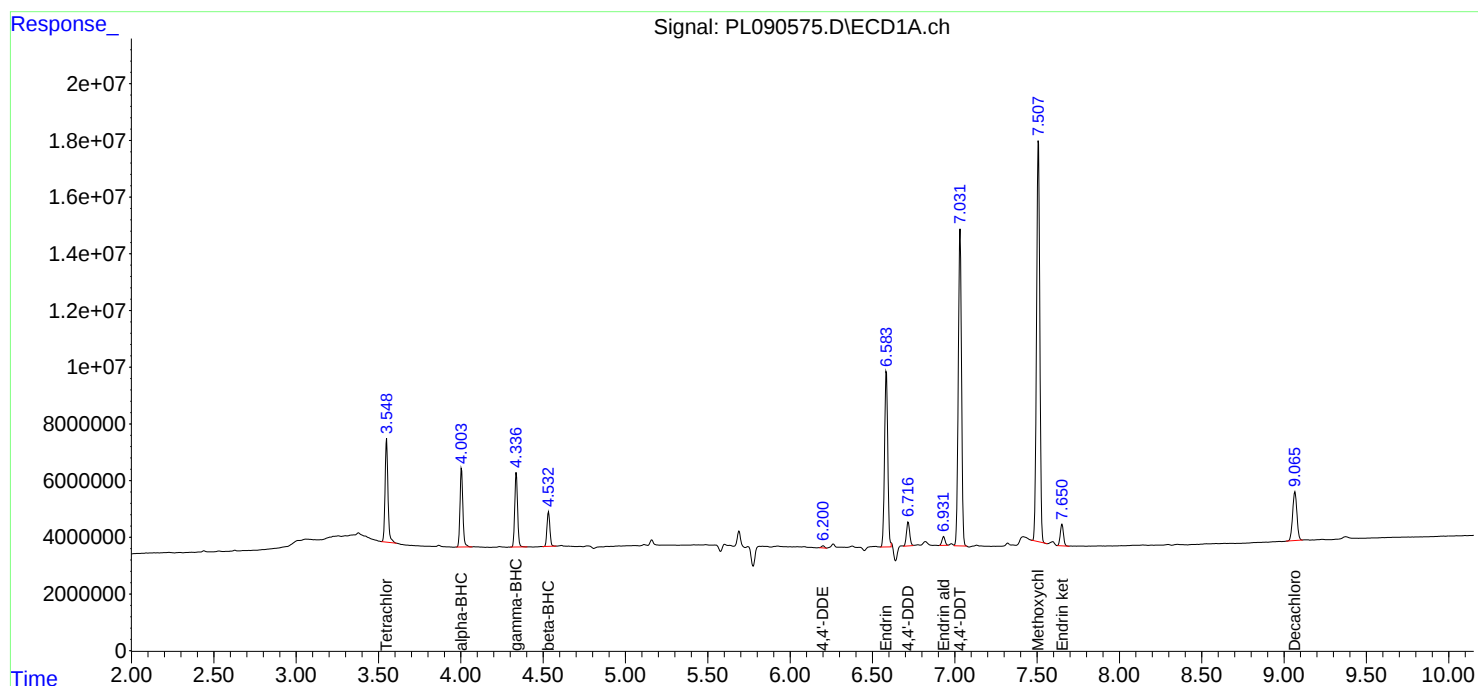
Instrument :
ECD_L
ClientSampleId :
PEM

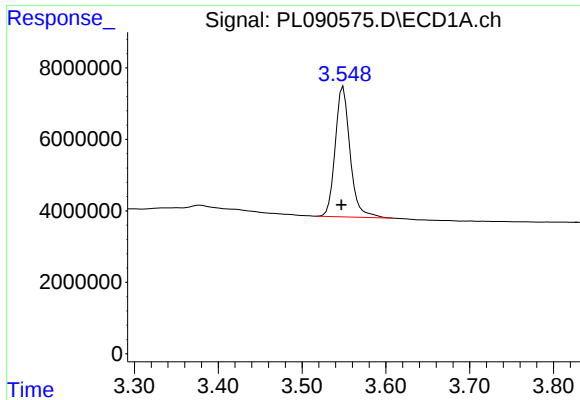
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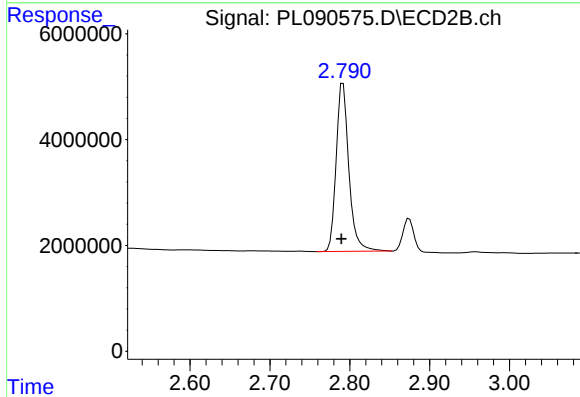
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 44992736
Conc: 21.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

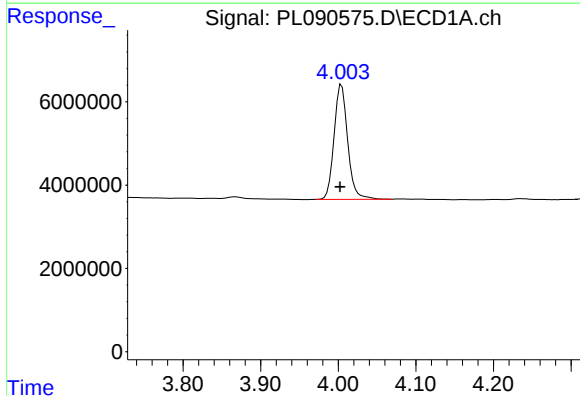
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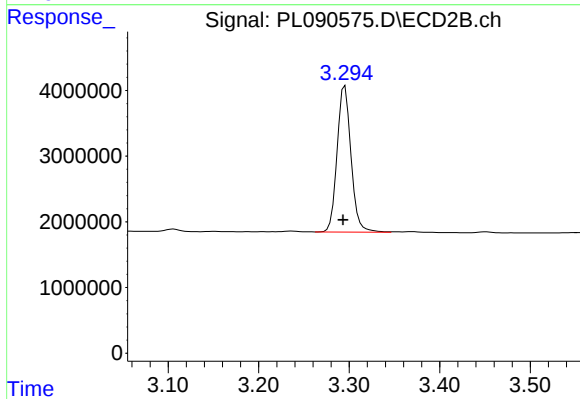
#1 Tetrachloro-m-xylene

R.T.: 2.792 min
Delta R.T.: 0.002 min
Response: 35090773
Conc: 20.85 ng/ml



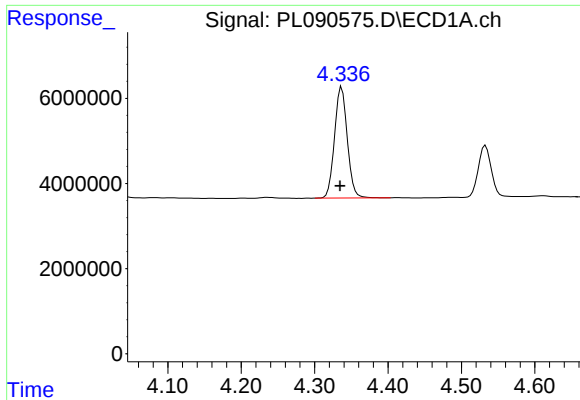
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.002 min
Response: 33557684
Conc: 11.31 ng/ml



#2 alpha-BHC

R.T.: 3.295 min
Delta R.T.: 0.002 min
Response: 23738930
Conc: 9.83 ng/ml



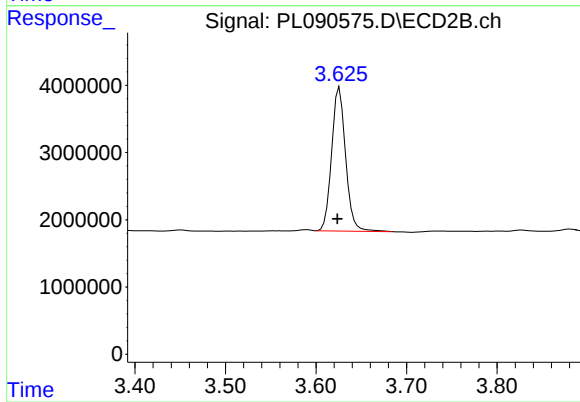
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.002 min
Response: 31626782
Conc: 11.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

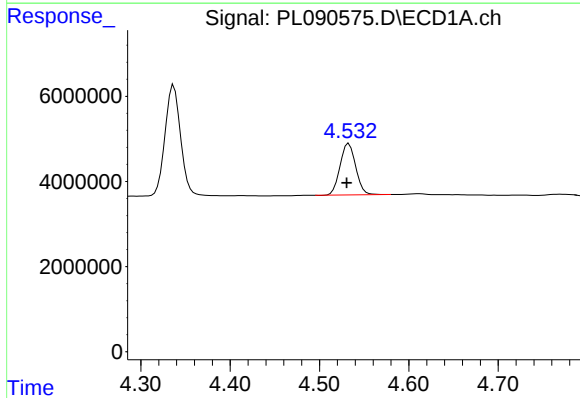
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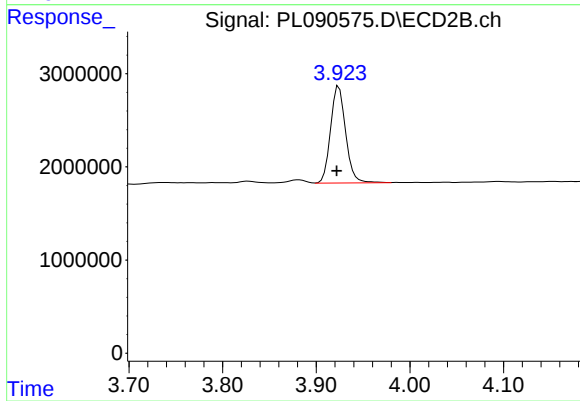
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: 0.000 min
Response: 22992089
Conc: 9.97 ng/ml m



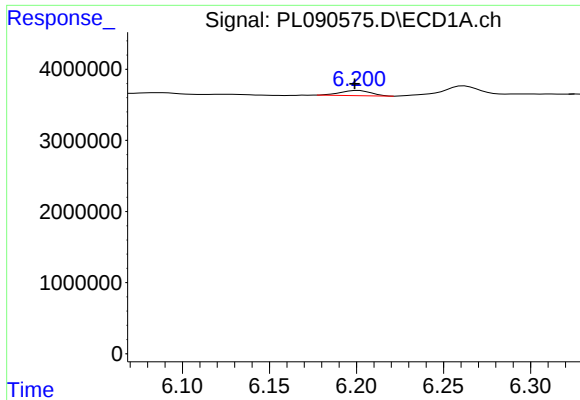
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 14754654
Conc: 11.63 ng/ml



#6 beta-BHC

R.T.: 3.924 min
Delta R.T.: 0.002 min
Response: 11680429
Conc: 11.32 ng/ml



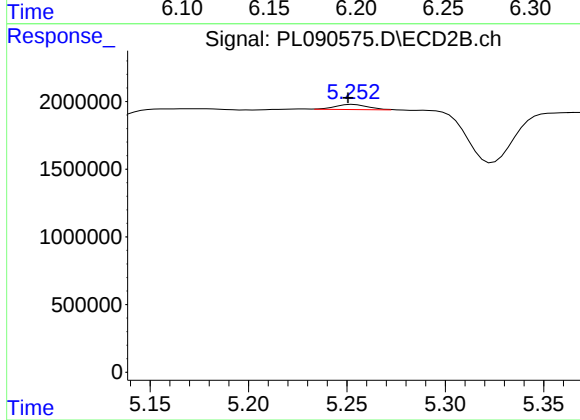
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.001 min
Response: 883984
Conc: 0.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

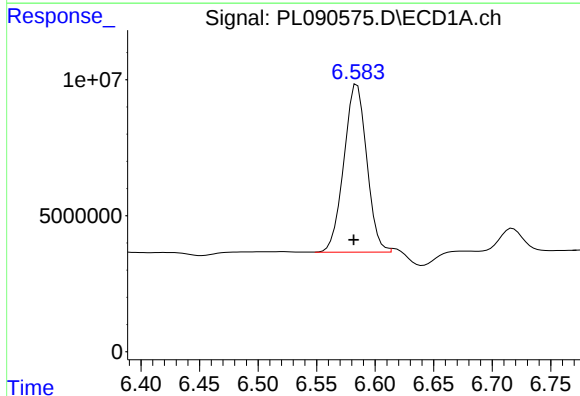
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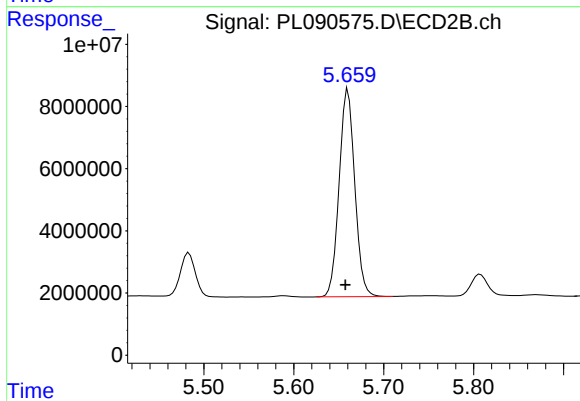
#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.001 min
Response: 428478
Conc: 0.24 ng/ml m



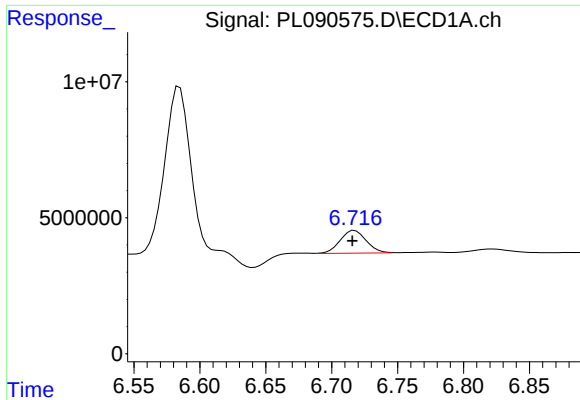
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.002 min
Response: 83928450
Conc: 45.65 ng/ml m



#14 Endrin

R.T.: 5.660 min
Delta R.T.: 0.003 min
Response: 80711000
Conc: 46.89 ng/ml



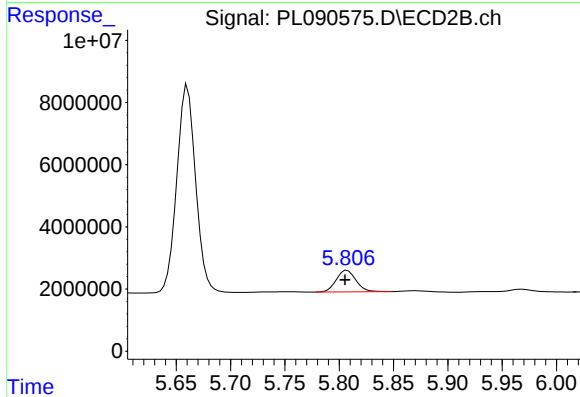
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 11500894
Conc: 6.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

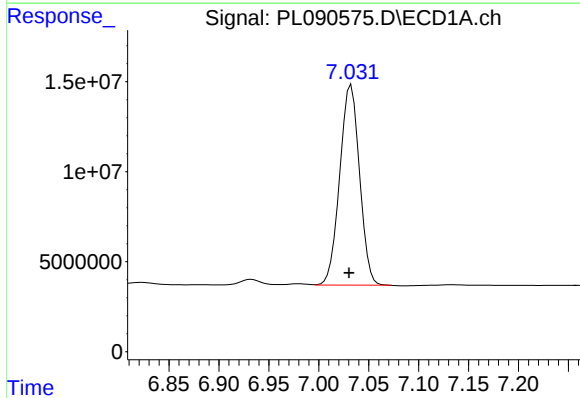
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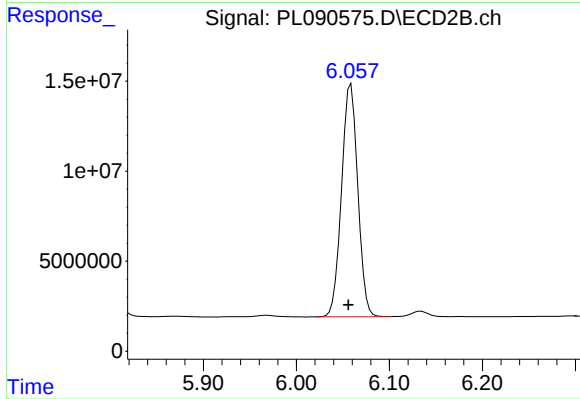
#16 4,4'-DDD

R.T.: 5.807 min
Delta R.T.: 0.002 min
Response: 8814606
Conc: 5.88 ng/ml



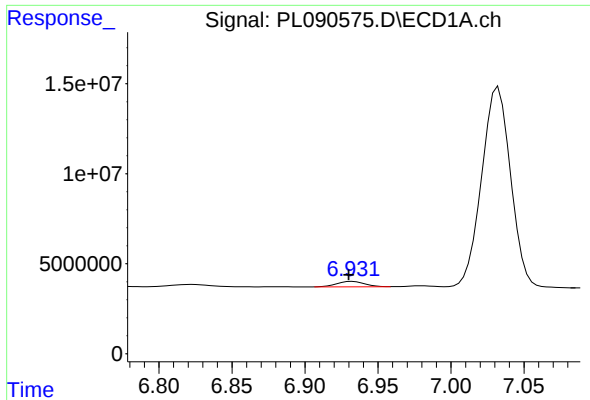
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.002 min
Response: 153599184
Conc: 91.25 ng/ml



#17 4,4'-DDT

R.T.: 6.059 min
Delta R.T.: 0.003 min
Response: 156997416
Conc: 107.15 ng/ml



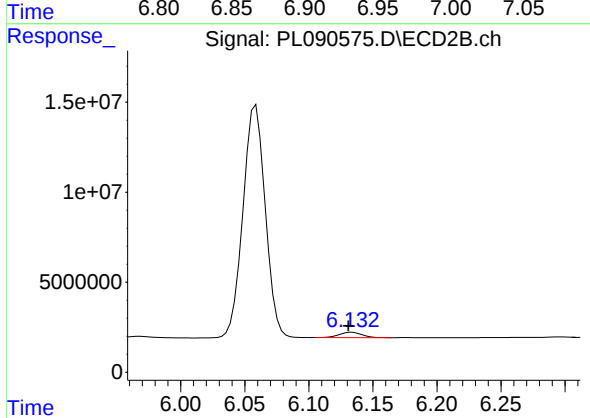
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.001 min
Response: 4047206
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

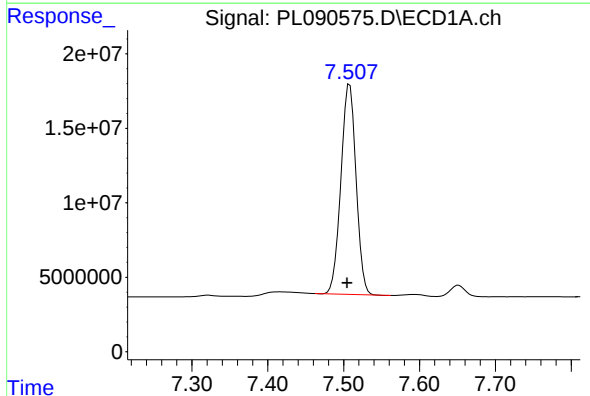
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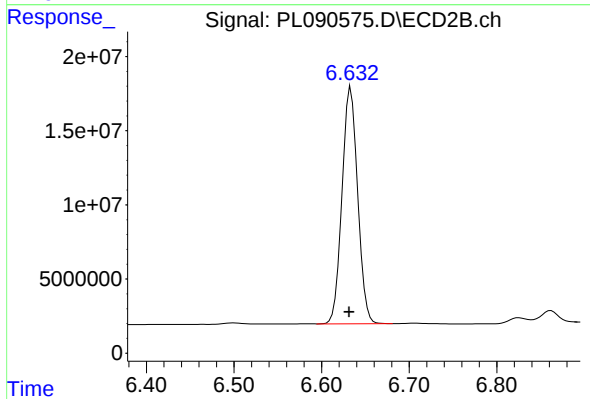
#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.002 min
Response: 3689087
Conc: 2.82 ng/ml m



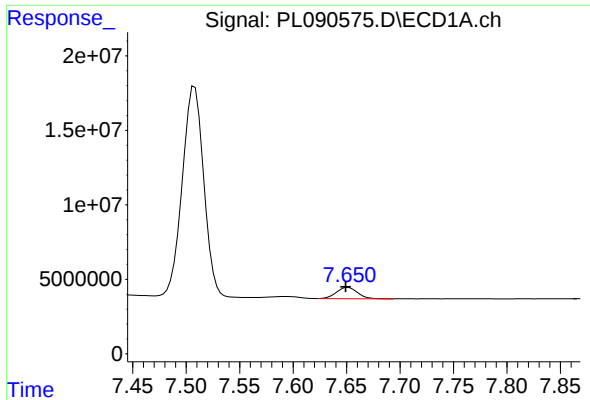
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 196188818
Conc: 222.21 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 198180134
Conc: 245.11 ng/ml m



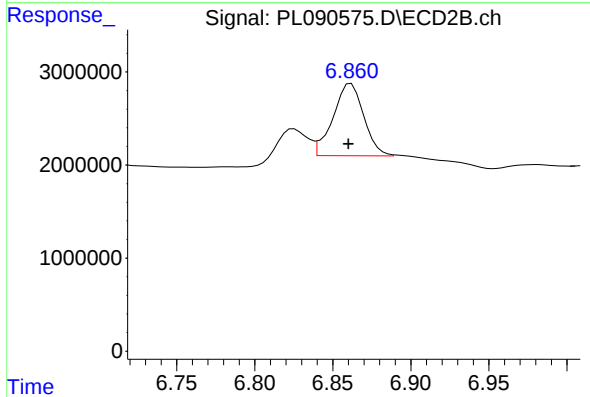
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.002 min
Response: 10358532
Conc: 5.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

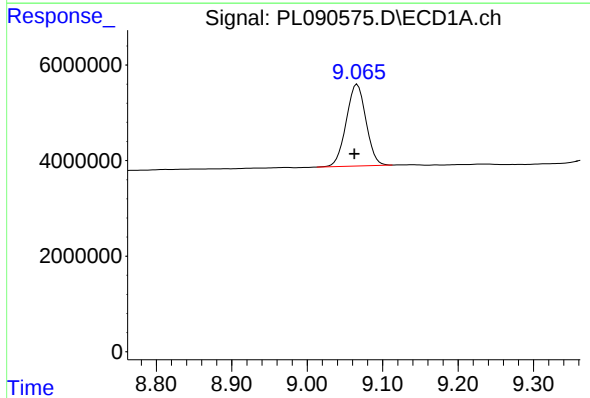
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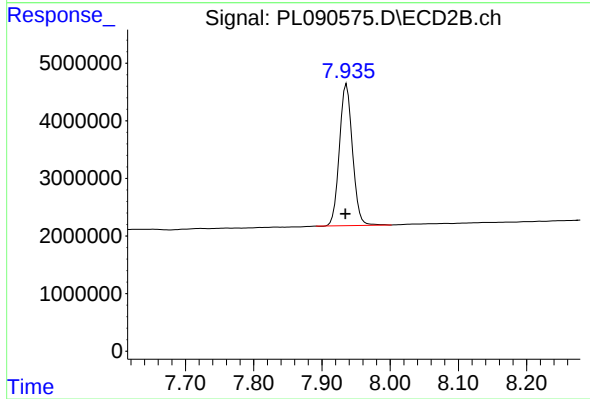
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 10535402
Conc: 5.76 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.004 min
Response: 31095054
Conc: 23.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.936 min
Delta R.T.: 0.002 min
Response: 32728514
Conc: 22.45 ng/ml