

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041025\
 Data File : PL095166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2025 12:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/11/2025
 Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 20:35:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.534	2.767	62491429	84116402	22.077	23.567
28) SA Decachlor...	9.046	7.897	48772130	94094416	23.143	23.294
Target Compounds						
2) A alpha-BHC	3.989	3.267	46660305	60605408	11.237	11.241m
3) MA gamma-BHC...	4.322	3.598	45058104	57142502	11.292	11.118
6) B beta-BHC	4.521	3.899	19879546	27360725	10.774	12.317
14) MA Endrin	6.566	5.624	135.5E6	242.7E6	48.871m	55.615m
16) A 4,4'-DDD	6.702	5.774	1741153	2060660	0.804m	0.573m#
17) MA 4,4'-DDT	7.018	6.024	253.7E6	484.7E6	106.666	120.206
18) B Endrin al...	6.916	6.100	3465896	6780636	1.642m	2.015
20) A Methoxychlor	7.494	6.598	312.4E6	593.3E6	260.935	279.703m
21) B Endrin ke...	7.636	6.826	5333815	17708180	2.018	3.710m#

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

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Data File : PL095166.D
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Acq On : 10 Apr 2025 12:30
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

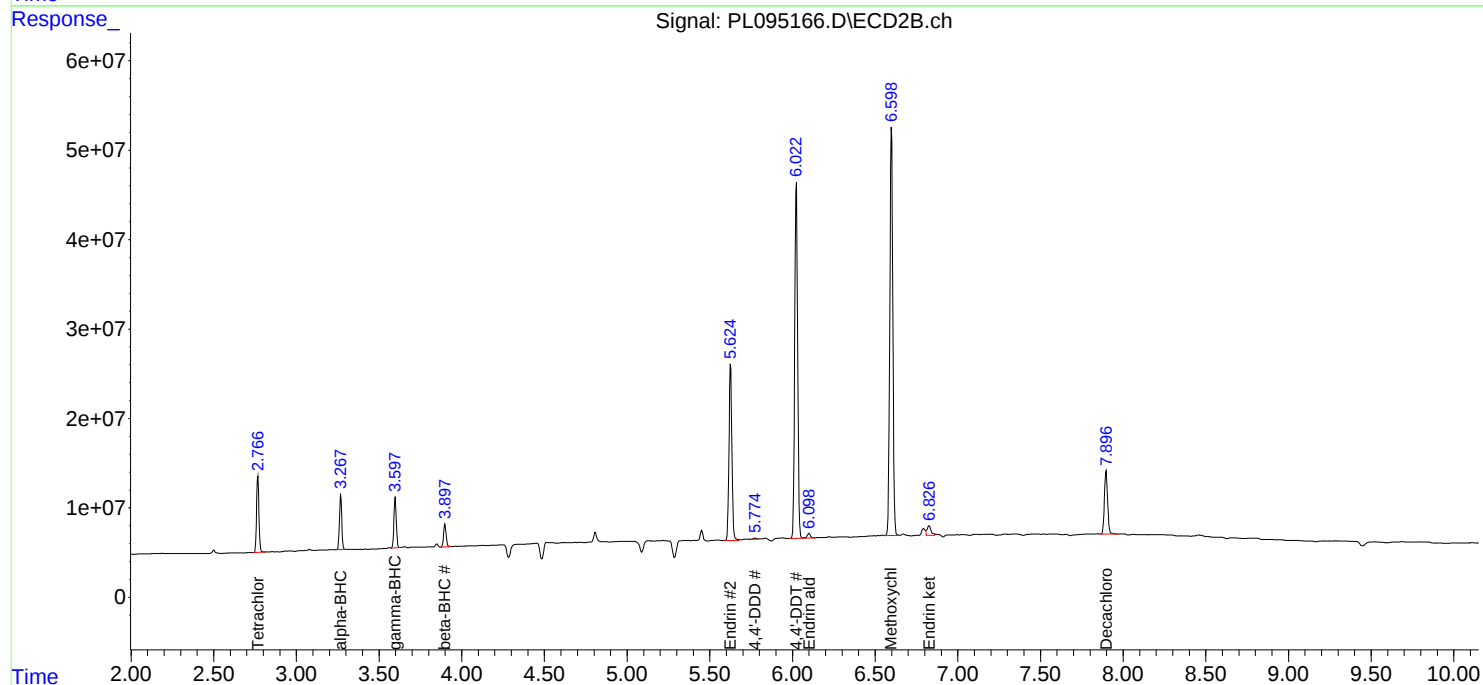
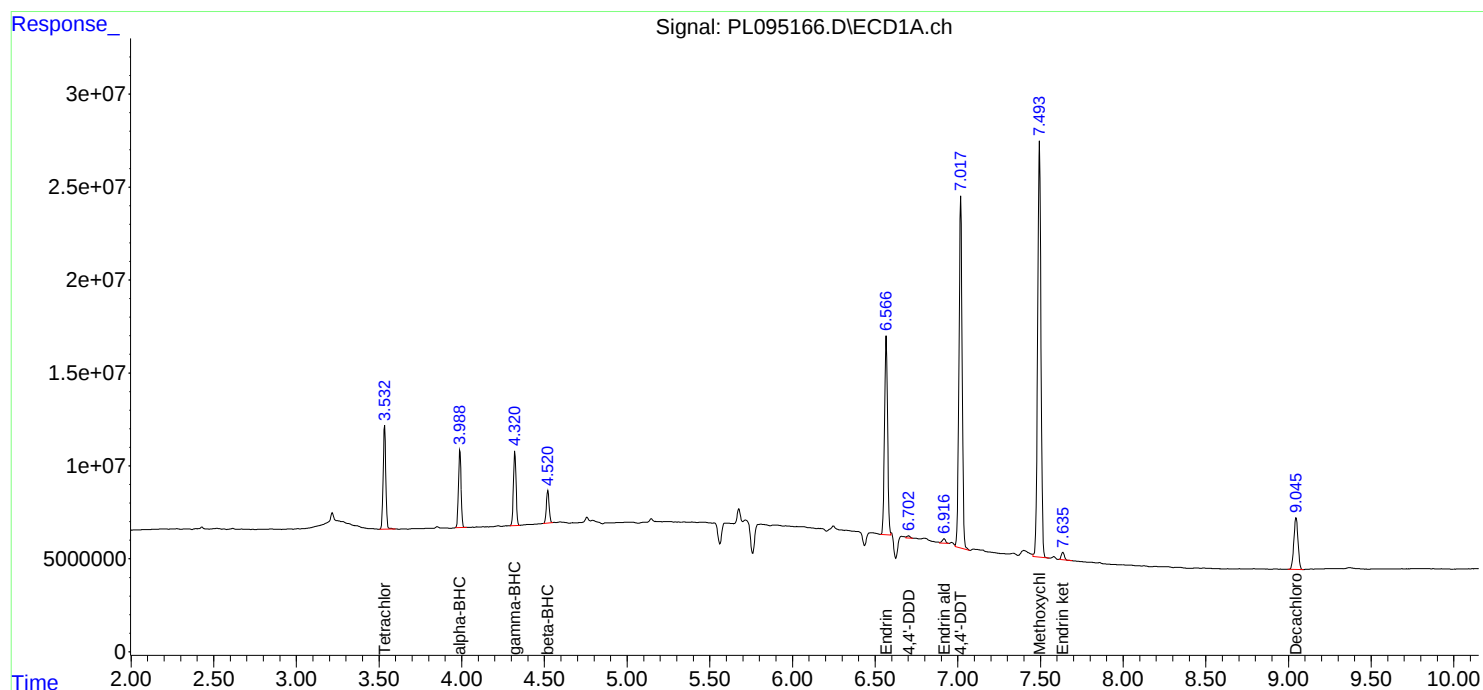
Instrument :
ECD_L
ClientSampleId :
PEM

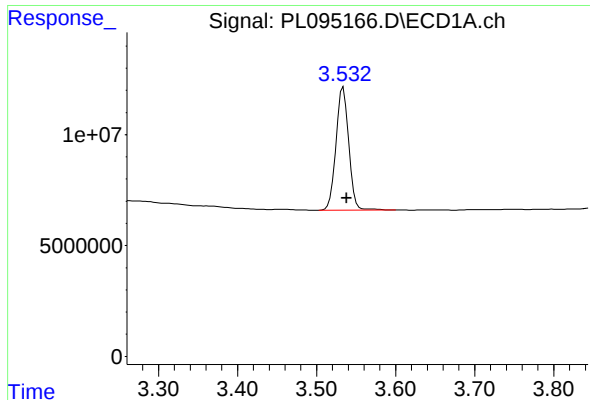
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 20:35:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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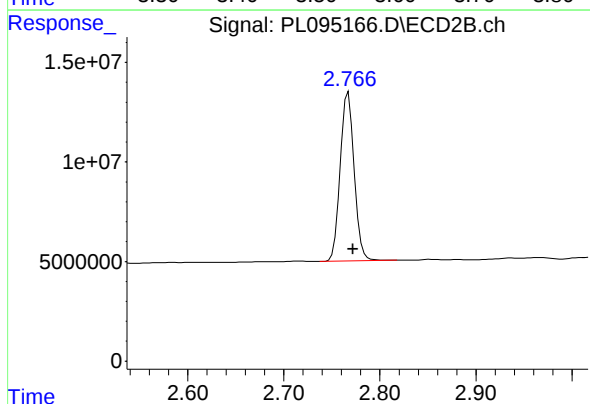
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 62491429
Conc: 22.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

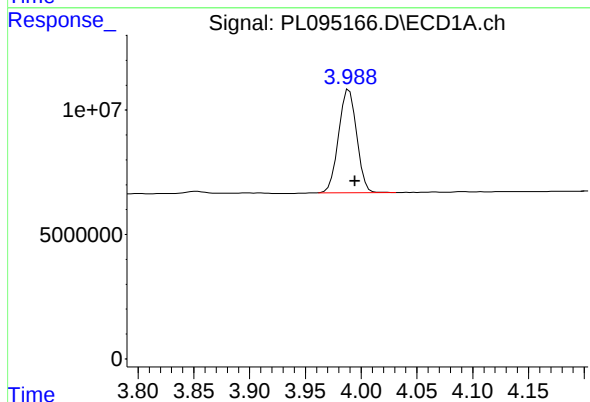
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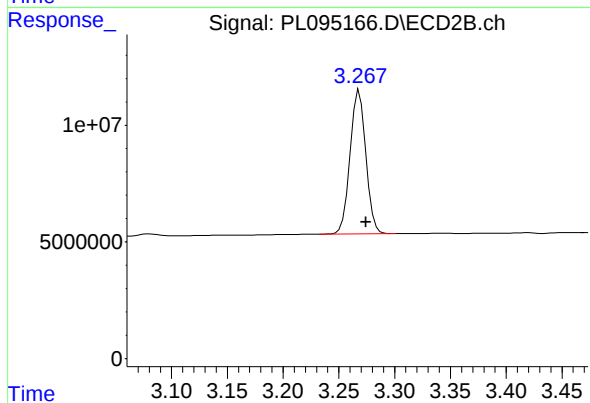
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: -0.005 min
Response: 84116402
Conc: 23.57 ng/ml



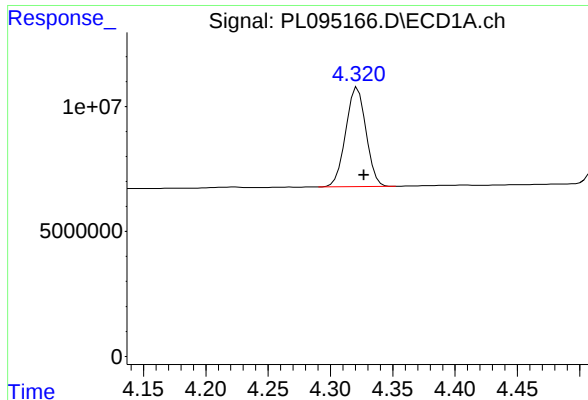
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: -0.005 min
Response: 46660305
Conc: 11.24 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: -0.007 min
Response: 60605408
Conc: 11.24 ng/ml m



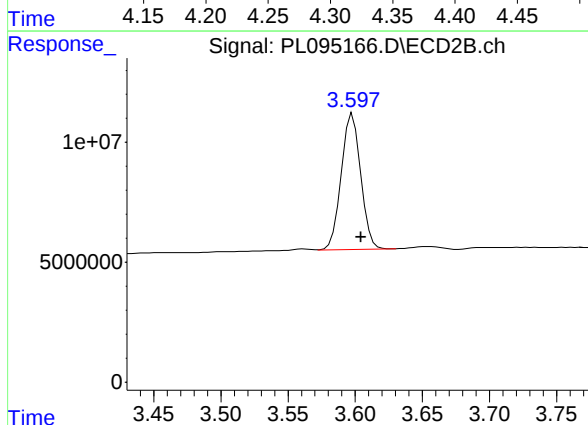
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.005 min
Response: 45058104
Conc: 11.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

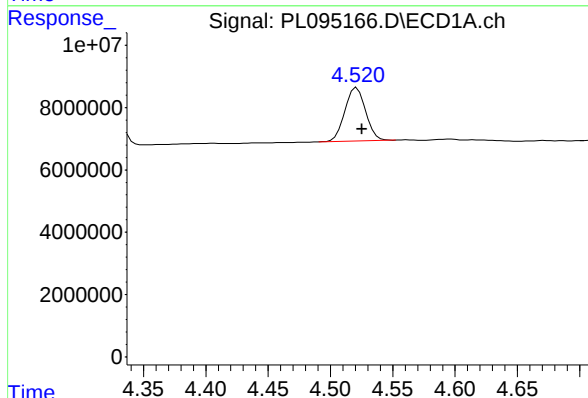
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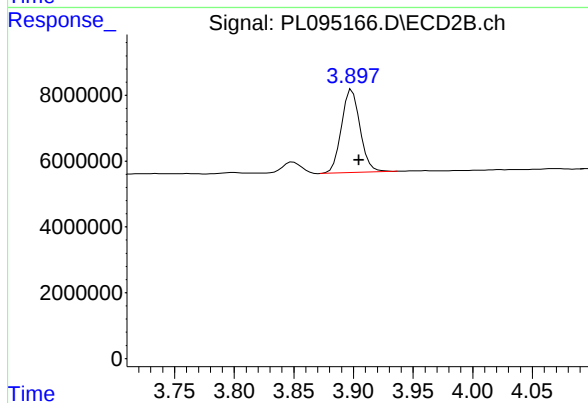
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 57142502
Conc: 11.12 ng/ml



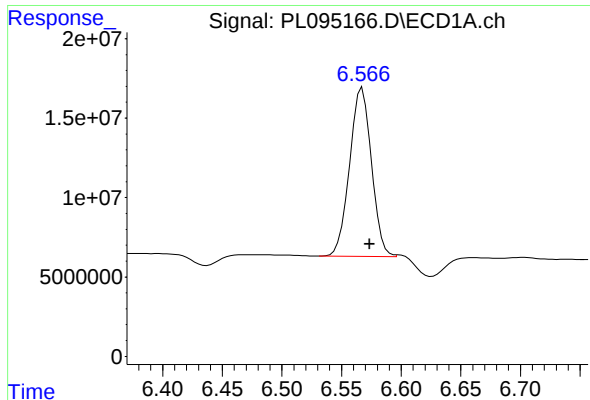
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 19879546
Conc: 10.77 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 27360725
Conc: 12.32 ng/ml



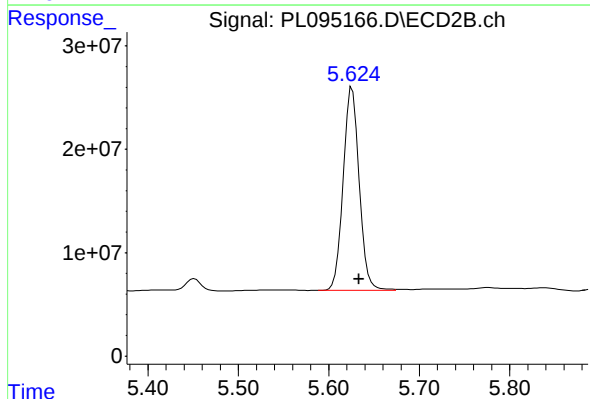
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.008 min
Response: 135475358
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

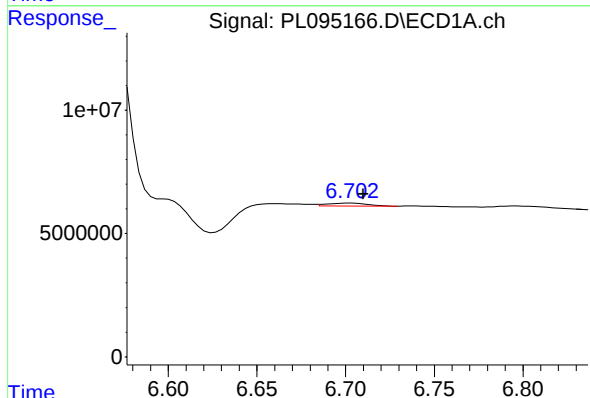
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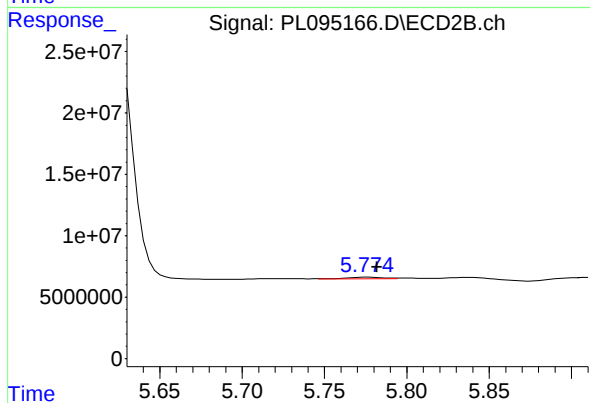
#14 Endrin

R.T.: 5.624 min
Delta R.T.: -0.009 min
Response: 242685043
Conc: 55.62 ng/ml



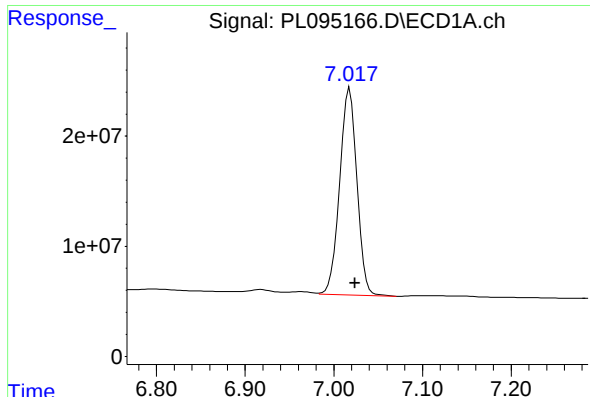
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 1741153
Conc: 0.80 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: -0.008 min
Response: 2060660
Conc: 0.57 ng/ml



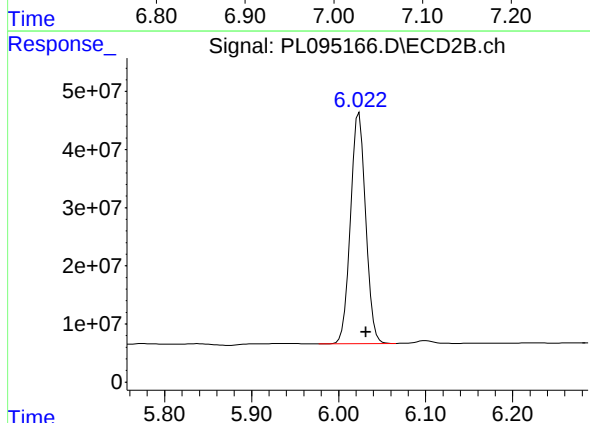
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 253710055
Conc: 106.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

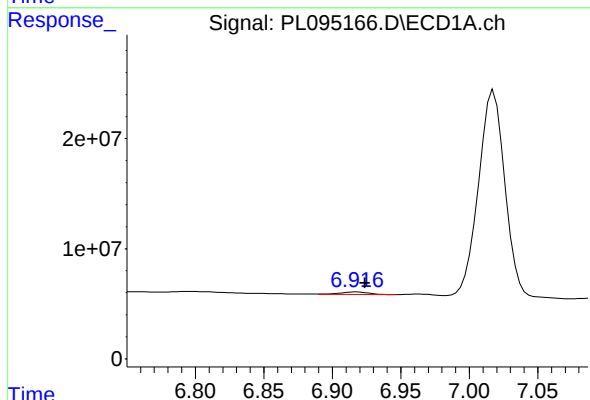
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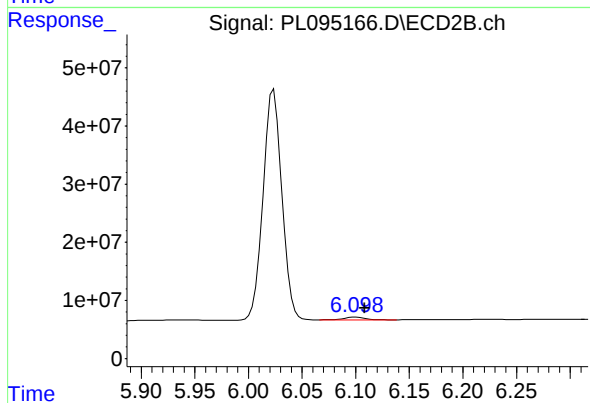
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: -0.008 min
Response: 484683261
Conc: 120.21 ng/ml



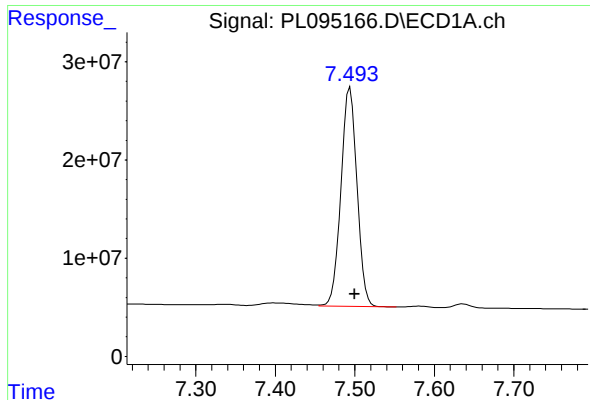
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: -0.008 min
Response: 3465896
Conc: 1.64 ng/ml m



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.008 min
Response: 6780636
Conc: 2.01 ng/ml



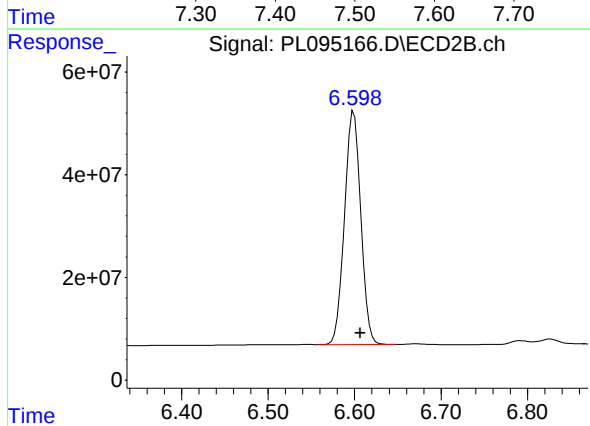
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.006 min
Response: 312358072
Conc: 260.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

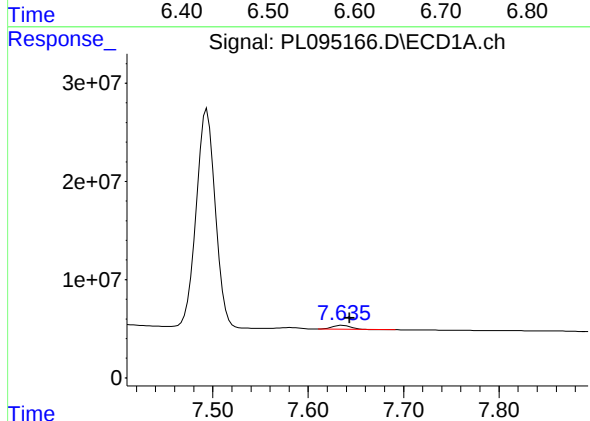
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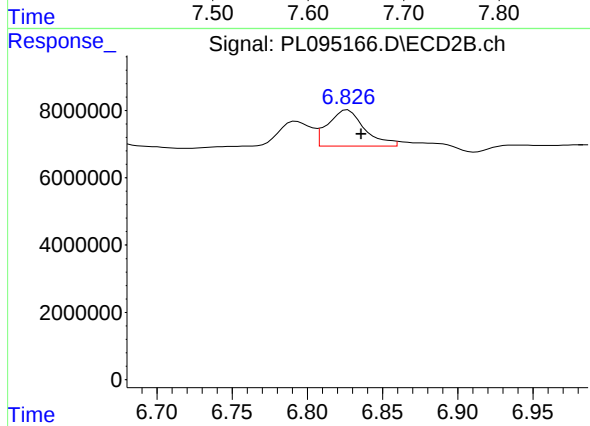
#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.009 min
Response: 593268475
Conc: 279.70 ng/ml



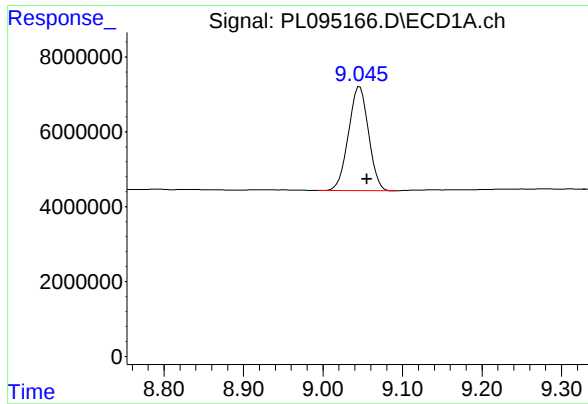
#21 Endrin ketone

R.T.: 7.636 min
Delta R.T.: -0.008 min
Response: 5333815
Conc: 2.02 ng/ml



#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 17708180
Conc: 3.71 ng/ml



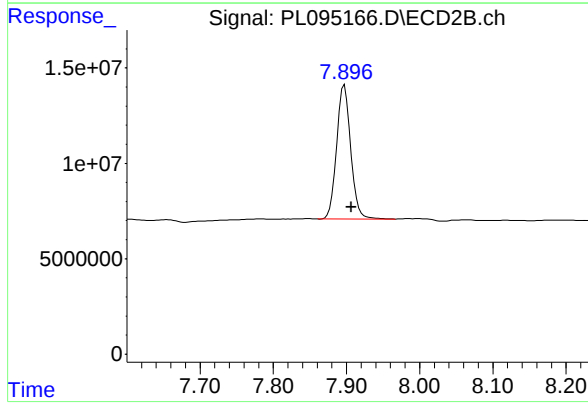
#28 Decachlorobiphenyl

R.T.: 9.046 min
Delta R.T.: -0.009 min
Response: 48772130
Conc: 23.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.010 min
Response: 94094416
Conc: 23.29 ng/ml