

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101024\
 Data File : PL092290.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2024 16:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/10/2024
 Supervised By :Ankita Jodhani 10/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 02:41:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.539	2.777	50684170	53152025	22.783	21.192
2) SA Decachlor...	9.058	7.919	39061304	56204413	23.844	22.464
Target Compounds						
2) A alpha-BHC	3.995	3.280	36844523	37718952	11.899	10.353
3) MA gamma-BHC...	4.328	3.611	34522154	34947406	11.140	9.897
6) B beta-BHC	4.525	3.911	15599882	17455593	11.761	11.613
14) MA Endrin	6.576	5.643	101.7E6	137.4E6	49.373	52.399
16) A 4,4'-DDD	6.712	5.792	3460629	3590019	1.927m	1.681
17) MA 4,4'-DDT	7.026	6.042	195.5E6	272.1E6	106.194	117.644
18) B Endrin al...	6.924	6.118	2832002	4039792	1.625m	1.980
20) A Methoxychlor	7.503	6.617	251.4E6	335.0E6	256.081	267.935
21) B Endrin ke...	7.645	6.843	5800015	10912638	2.639	3.941m#

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

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Acq On : 09 Oct 2024 16:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

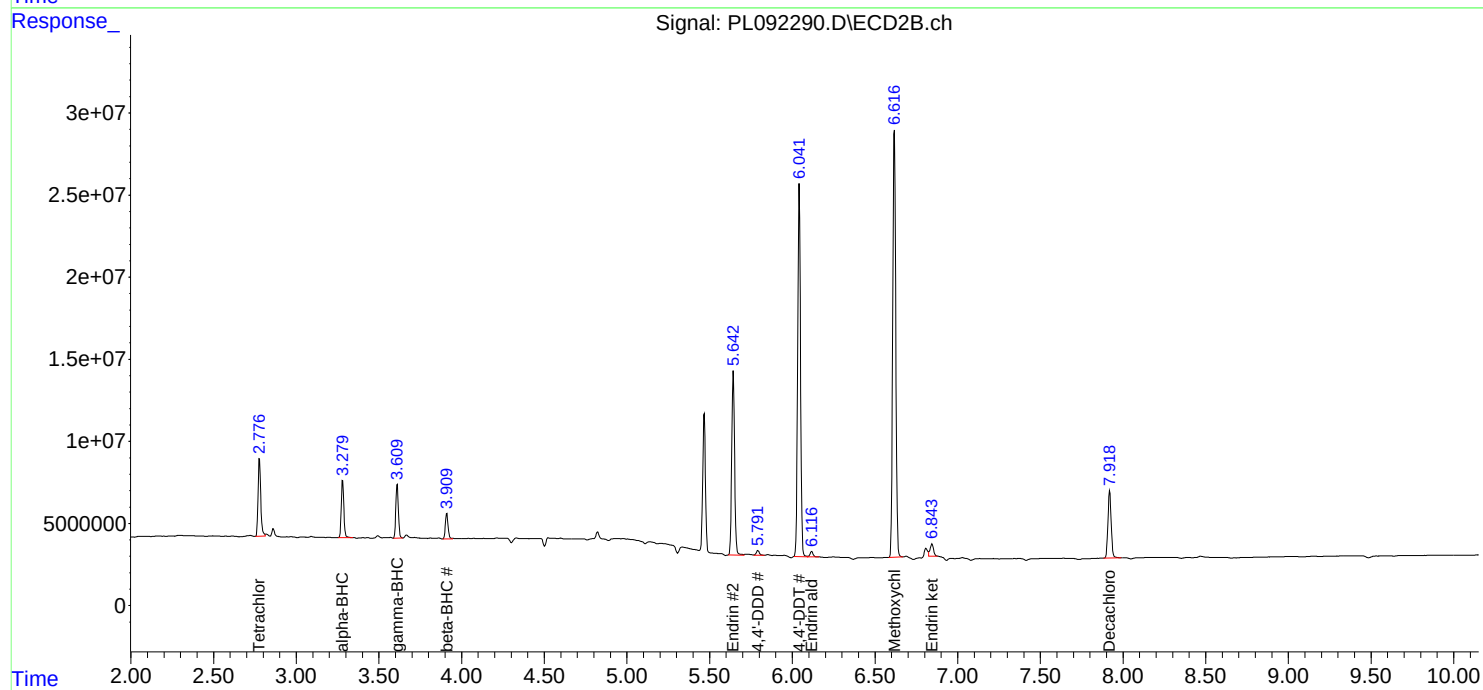
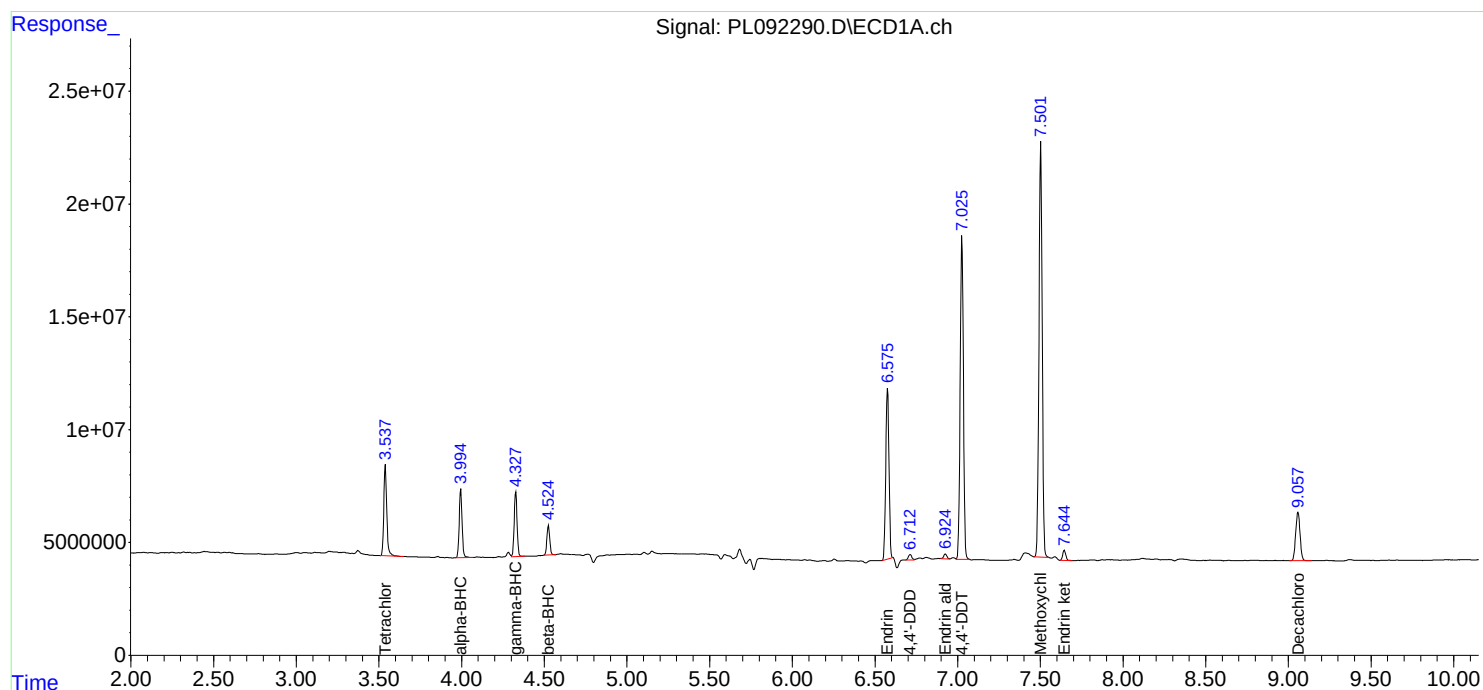
Instrument :
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PEM

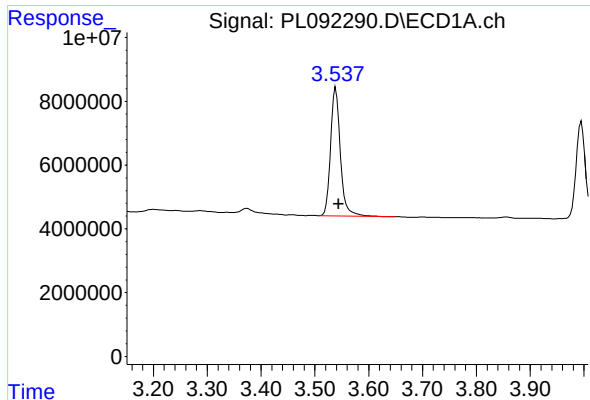
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
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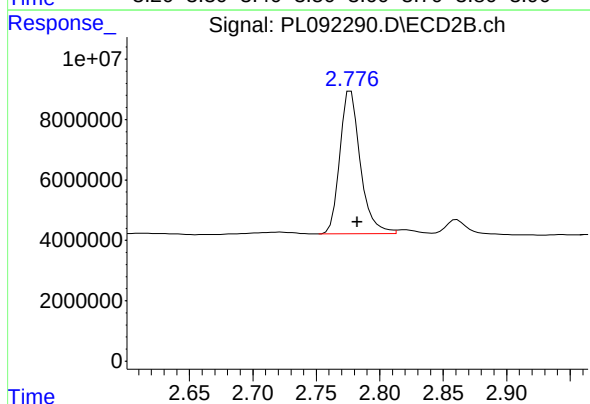
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 50684170
Conc: 22.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

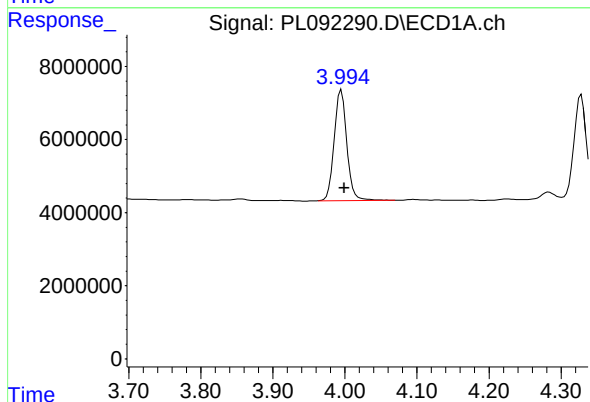
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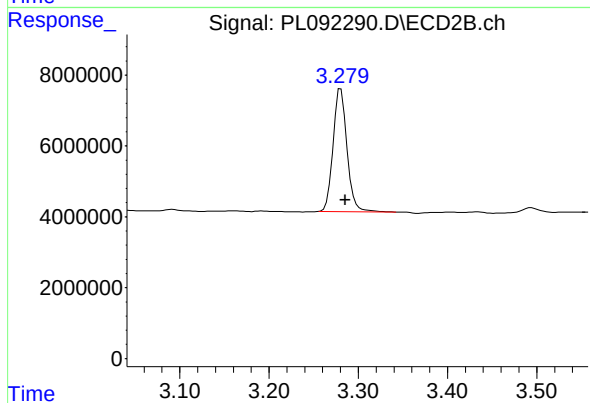
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.005 min
Response: 53152025
Conc: 21.19 ng/ml



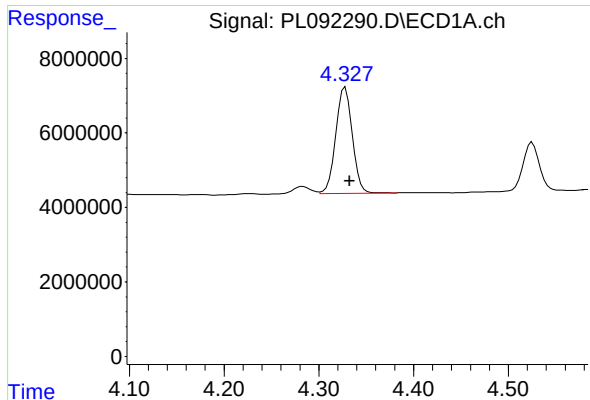
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.004 min
Response: 36844523
Conc: 11.90 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: -0.005 min
Response: 37718952
Conc: 10.35 ng/ml



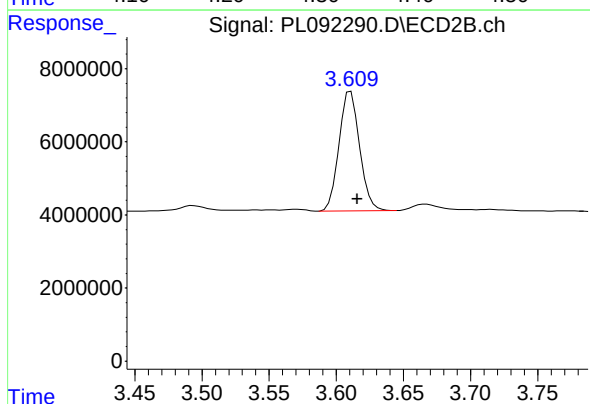
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 34522154
Conc: 11.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

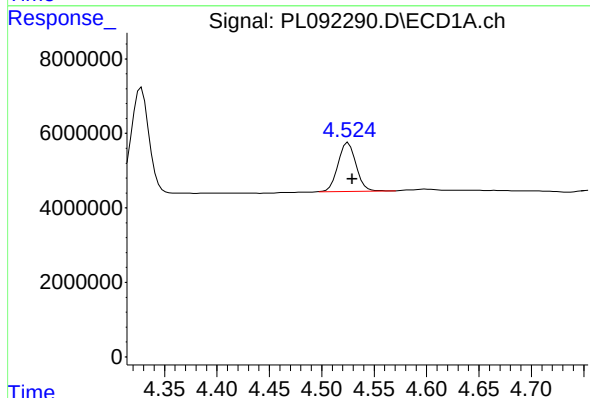
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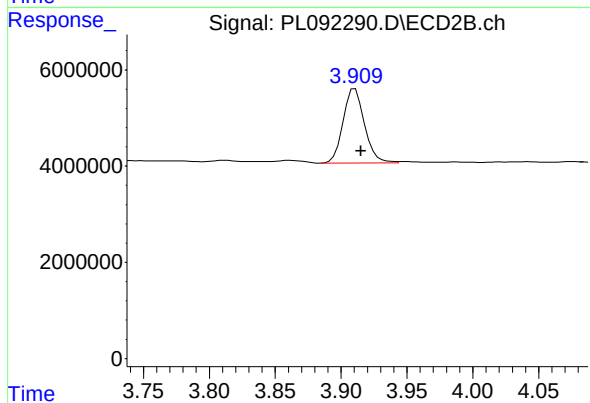
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: -0.005 min
Response: 34947406
Conc: 9.90 ng/ml



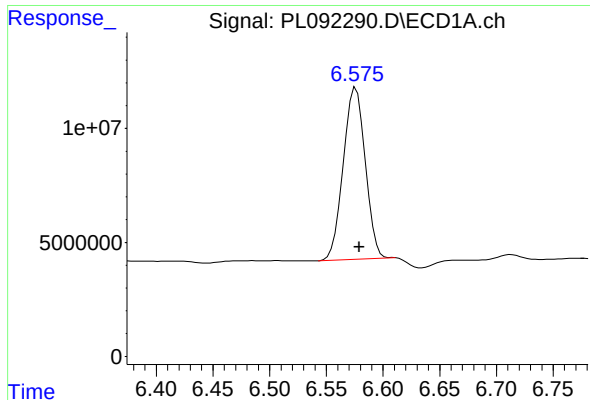
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 15599882
Conc: 11.76 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: -0.004 min
Response: 17455593
Conc: 11.61 ng/ml



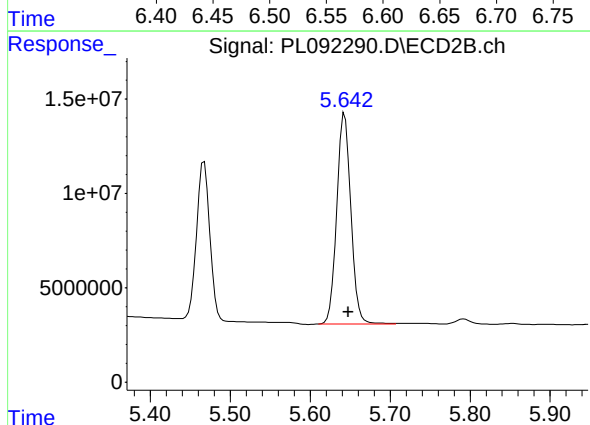
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 101742875
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

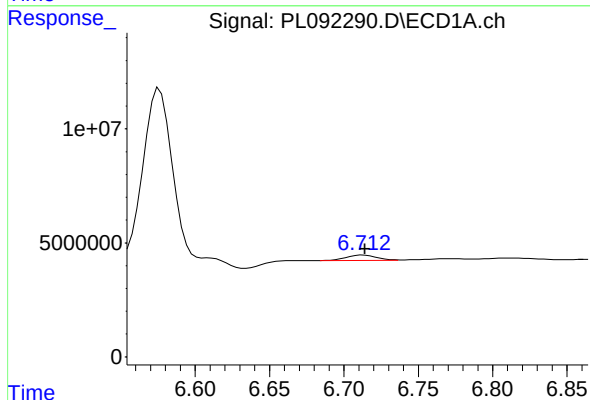
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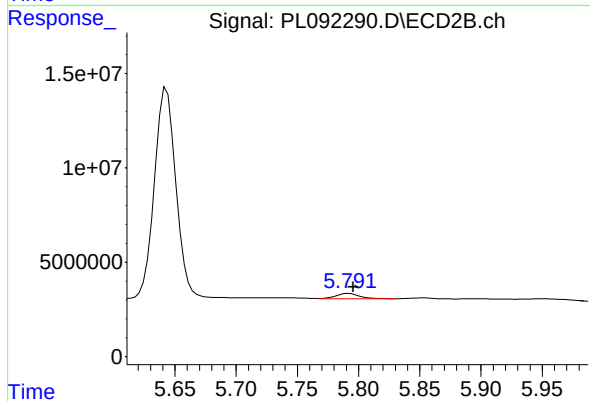
#14 Endrin

R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 137400792
Conc: 52.40 ng/ml



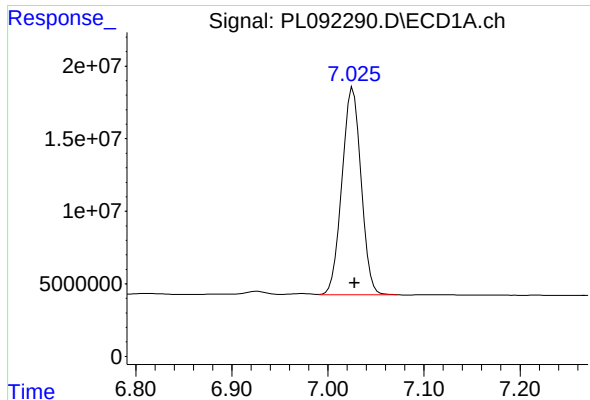
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 3460629
Conc: 1.93 ng/ml m



#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: -0.004 min
Response: 3590019
Conc: 1.68 ng/ml



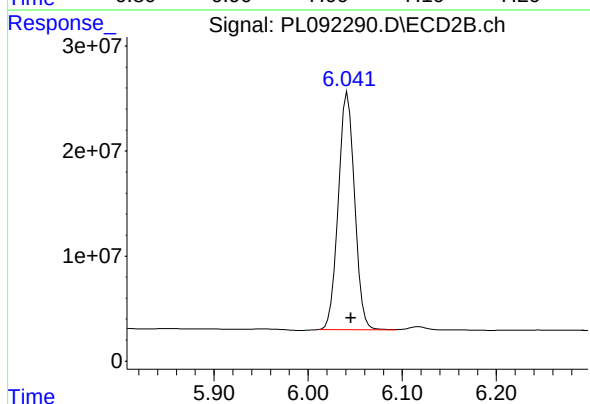
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 195525222
Conc: 106.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

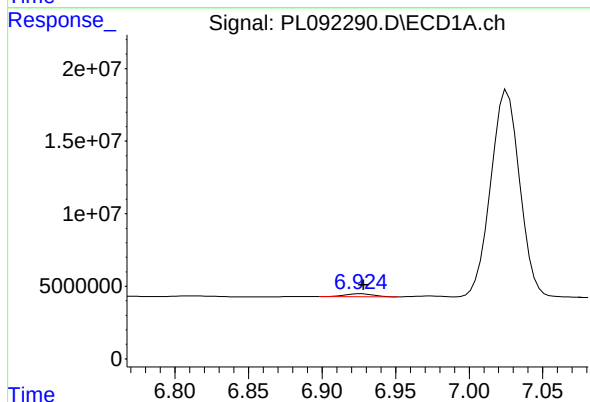
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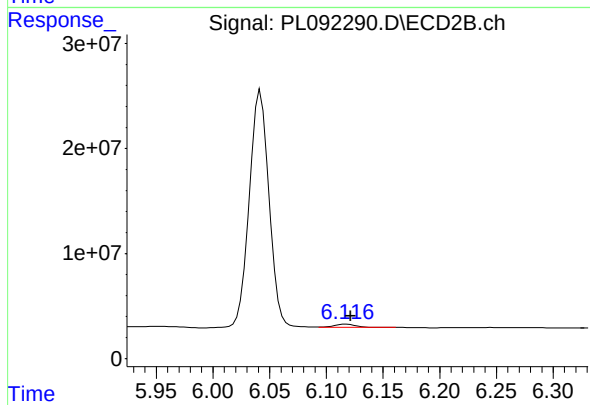
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: -0.004 min
Response: 272128958
Conc: 117.64 ng/ml



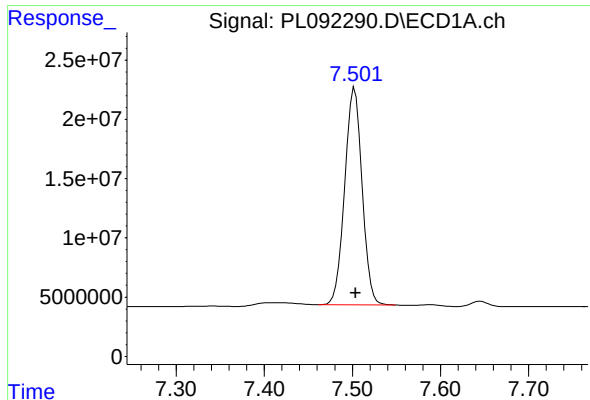
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 2832002
Conc: 1.63 ng/ml m



#18 Endrin aldehyde

R.T.: 6.118 min
Delta R.T.: -0.004 min
Response: 4039792
Conc: 1.98 ng/ml



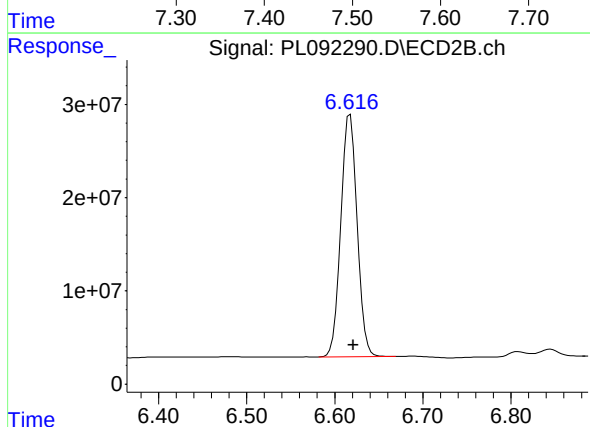
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.001 min
Response: 251397762
Conc: 256.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

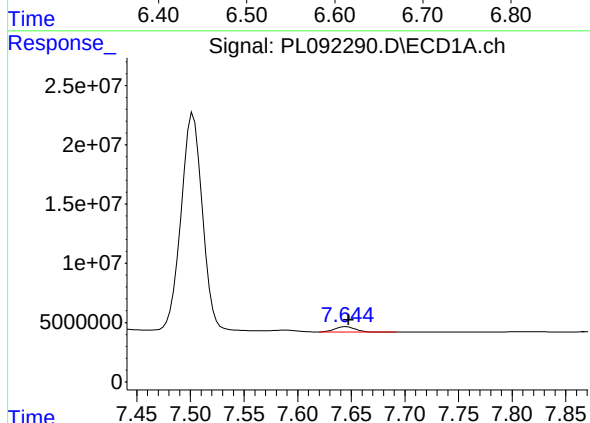
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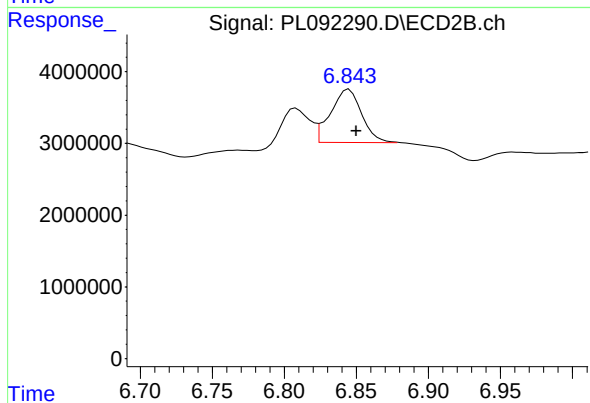
#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 335011903
Conc: 267.93 ng/ml



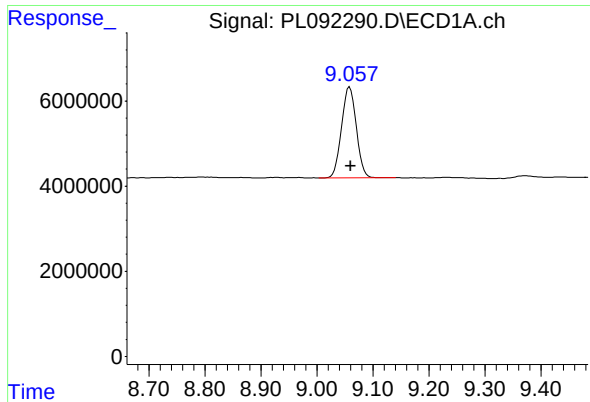
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 5800015
Conc: 2.64 ng/ml



#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: -0.006 min
Response: 10912638
Conc: 3.94 ng/ml m



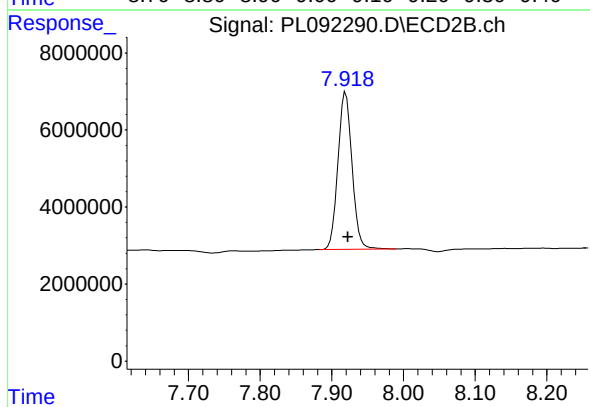
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 39061304
Conc: 23.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 56204413
Conc: 22.46 ng/ml