

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110524\
 Data File : PL092842.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2024 09:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/06/2024
 Supervised By : Ankita Jodhani 11/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 09:38:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.543	2.780	53533485	60027813	21.848	22.060
28)	SA Decachlor...	9.058	7.917	40616619	57610422	21.104	21.109
Target Compounds							
2)	A alpha-BHC	3.998	3.282	38223260	42064100	11.270	10.542
3)	MA gamma-BHC...	4.331	3.612	35793503	39180135	10.981	10.152
6)	B beta-BHC	4.528	3.911	16747209	19369522	11.586	11.766
12)	B 4,4'-DDE	6.194	5.236	610256	480697	0.258m	0.149 #
14)	MA Endrin	6.578	5.643	97648683	151.0E6	42.891	52.201
16)	A 4,4'-DDD	6.712	5.790	10255532	11936541	5.343	4.794
17)	MA 4,4'-DDT	7.027	6.041	181.7E6	294.4E6	87.780	109.769 #
18)	B Endrin al...	6.926	6.115	3496744	5565655	1.862	2.412m#
20)	A Methoxychlor	7.502	6.616	229.9E6	340.3E6	201.704	238.293
21)	B Endrin ke...	7.645	6.843	8766466	12797634	3.618	4.170m

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

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Acq On : 05 Nov 2024 09:05
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Misc :
ALS Vial : 3 Sample Multiplier: 1

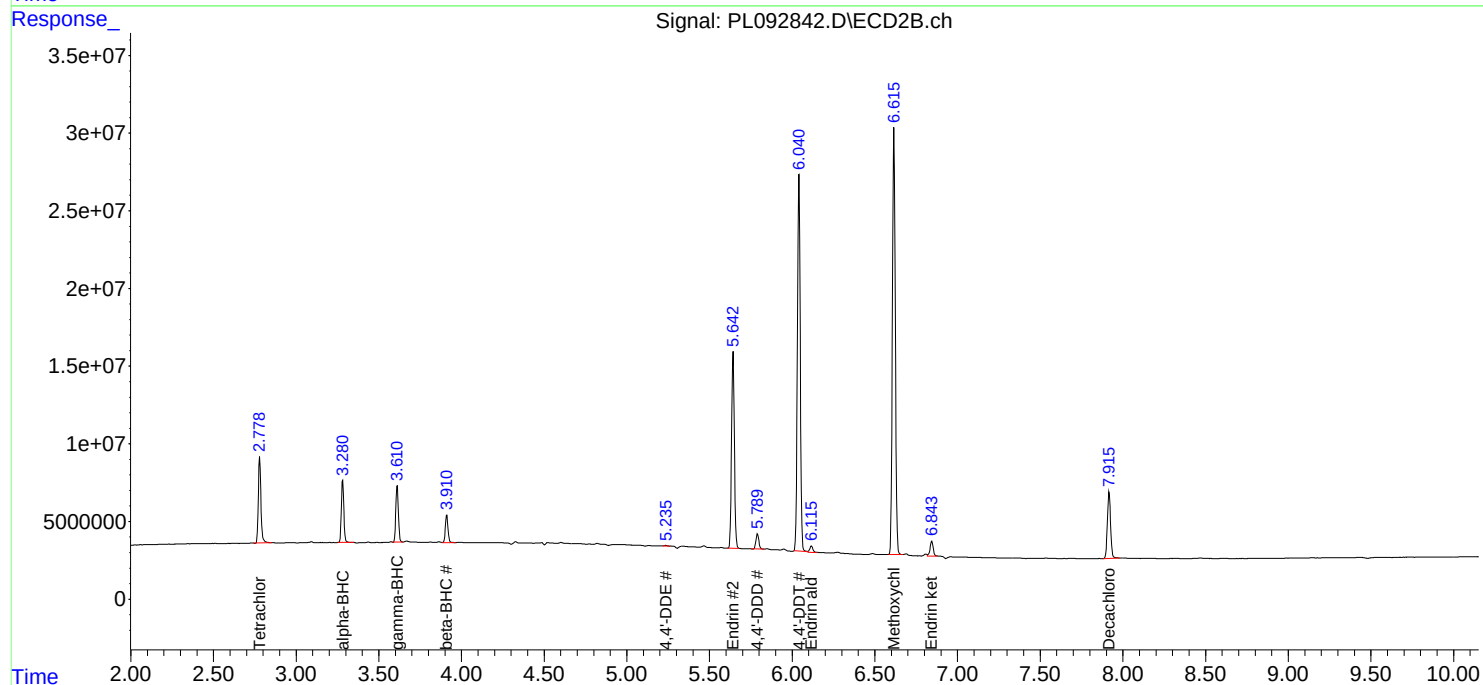
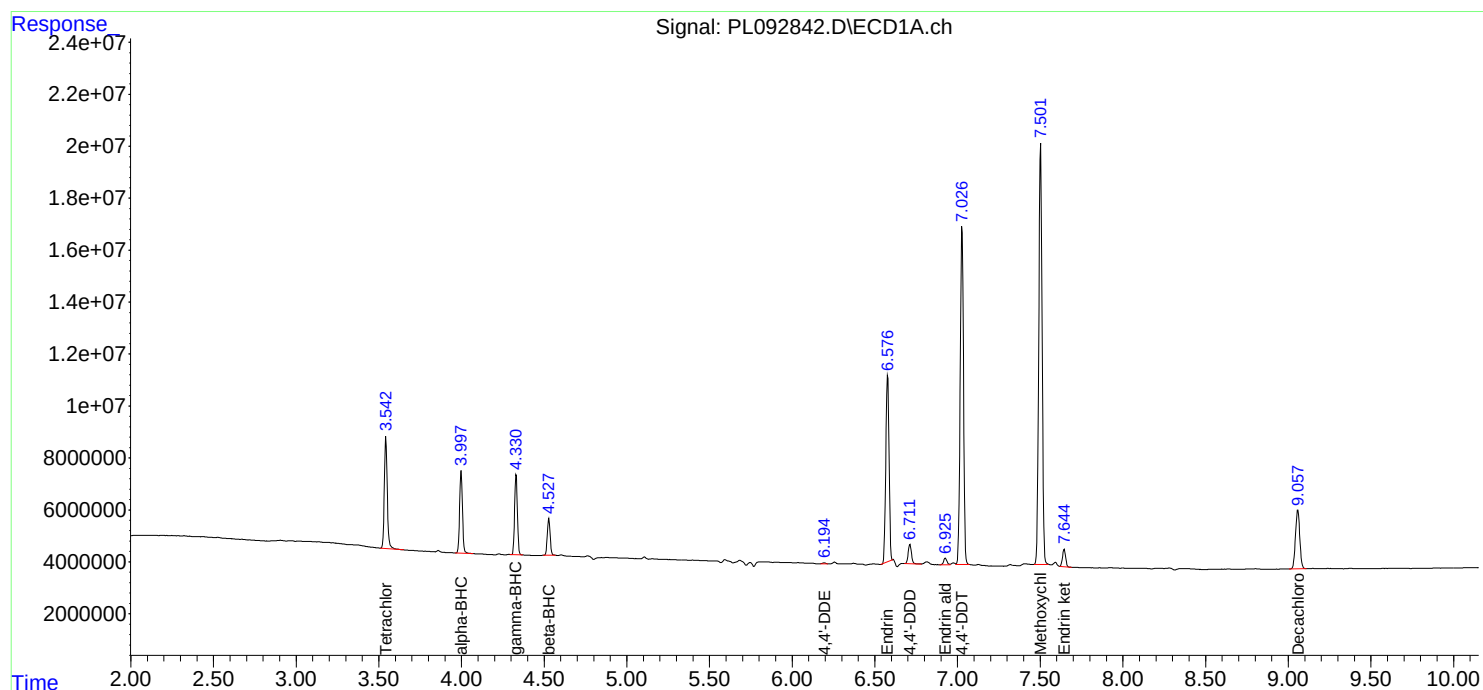
Instrument :
ECD_L
ClientSampleId :
PEM

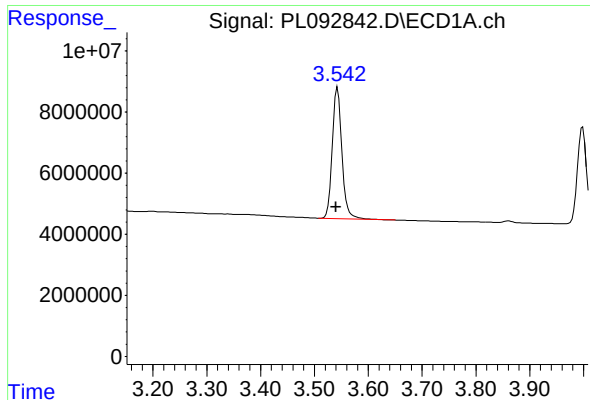
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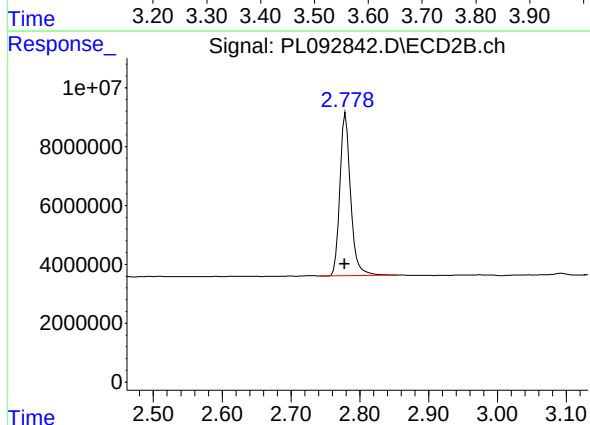
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.003 min
Response: 53533485
Conc: 21.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

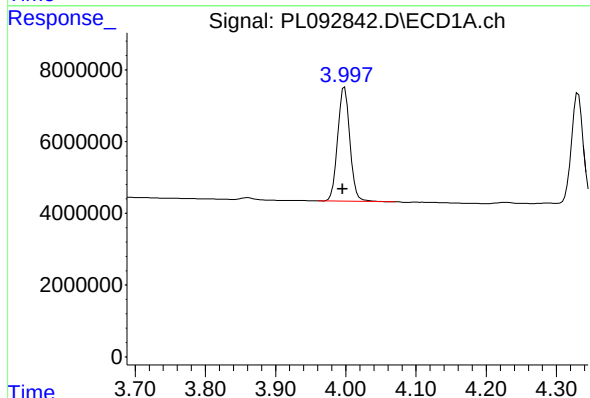
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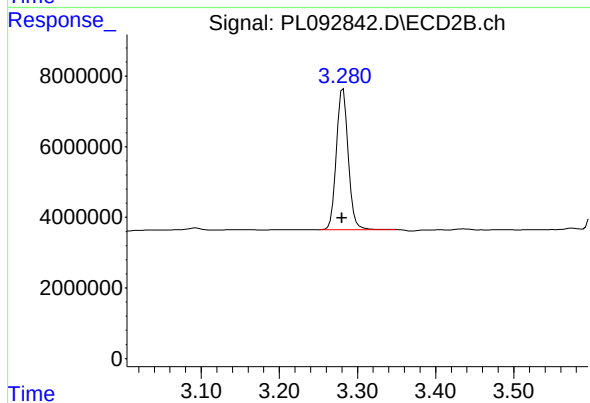
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: 0.002 min
Response: 60027813
Conc: 22.06 ng/ml



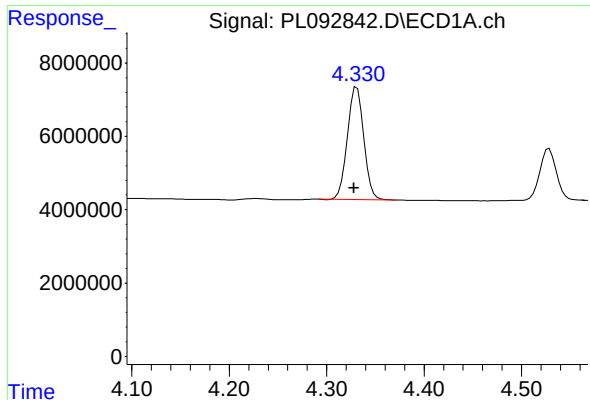
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.003 min
Response: 38223260
Conc: 11.27 ng/ml



#2 alpha-BHC

R.T.: 3.282 min
Delta R.T.: 0.001 min
Response: 42064100
Conc: 10.54 ng/ml



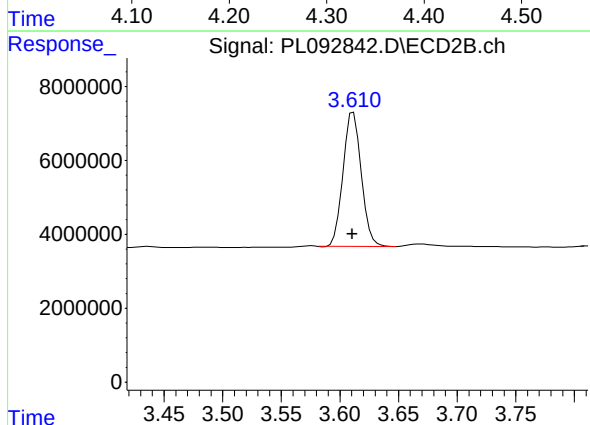
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.003 min
Response: 35793503
Conc: 10.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

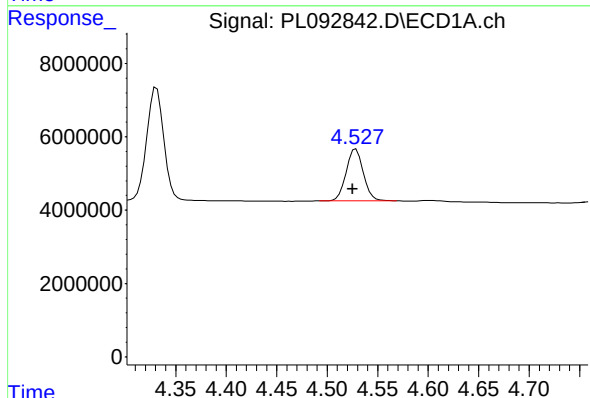
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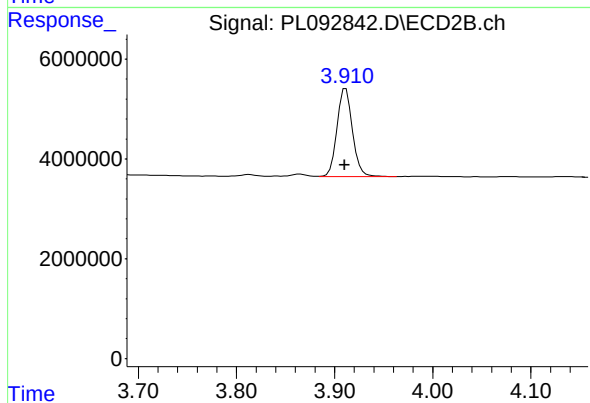
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 39180135
Conc: 10.15 ng/ml



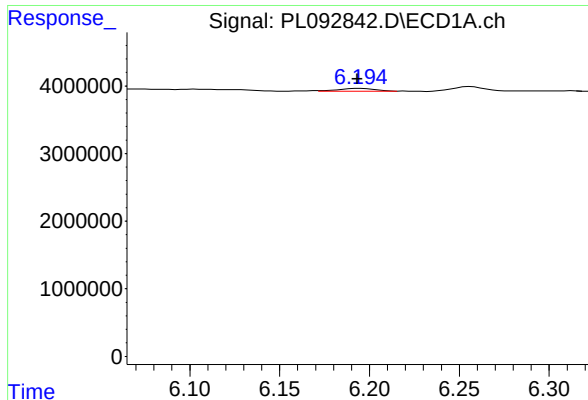
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 16747209
Conc: 11.59 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.001 min
Response: 19369522
Conc: 11.77 ng/ml



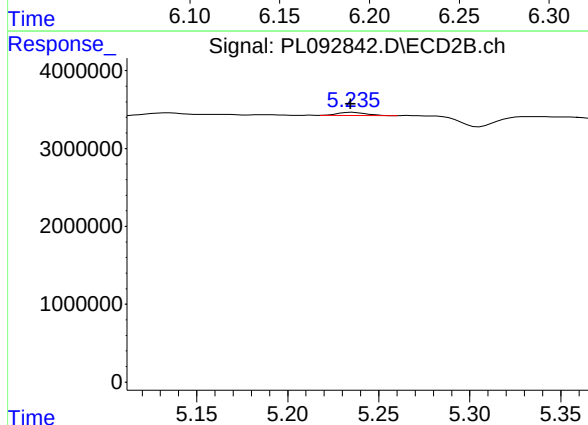
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 610256
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

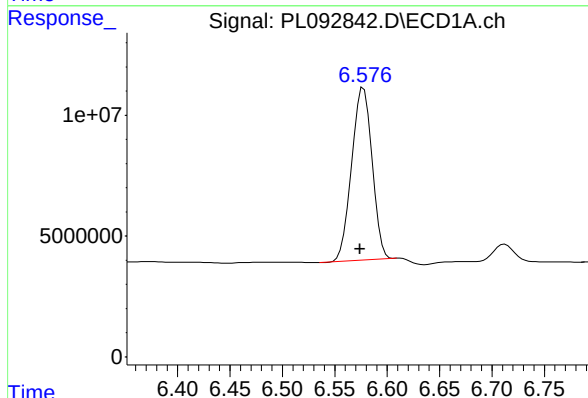
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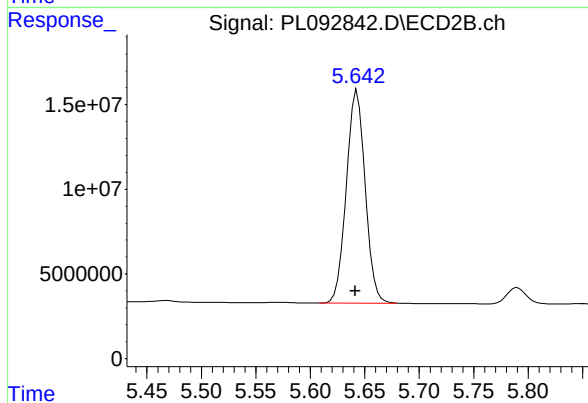
#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.001 min
Response: 480697
Conc: 0.15 ng/ml



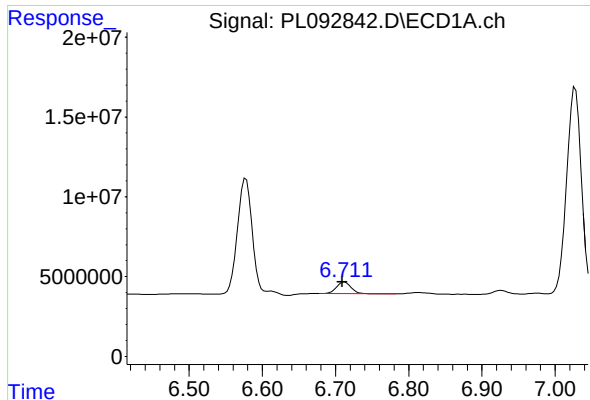
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.003 min
Response: 97648683
Conc: 42.89 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 151017805
Conc: 52.20 ng/ml



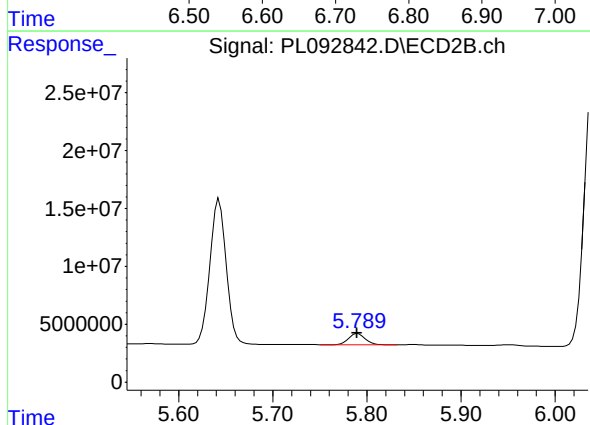
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.003 min
Response: 10255532
Conc: 5.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

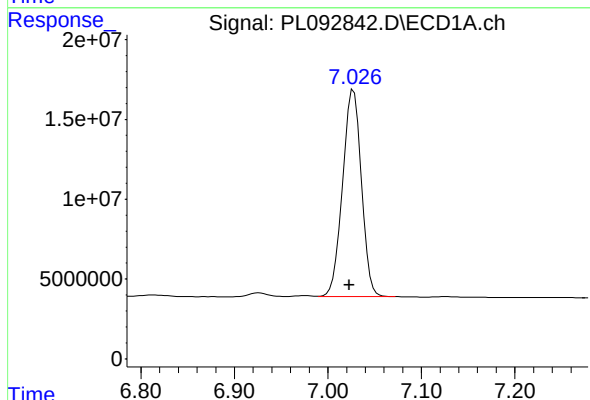
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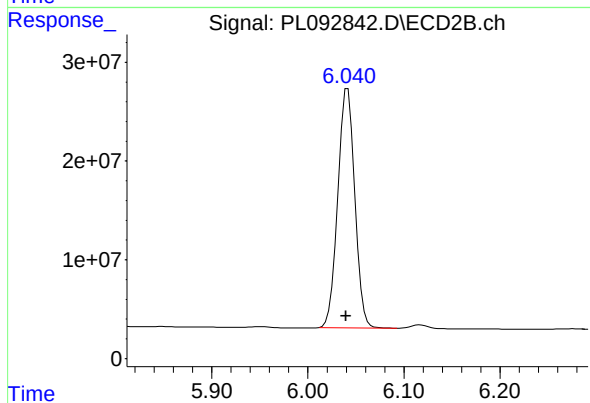
#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: 0.001 min
Response: 11936541
Conc: 4.79 ng/ml



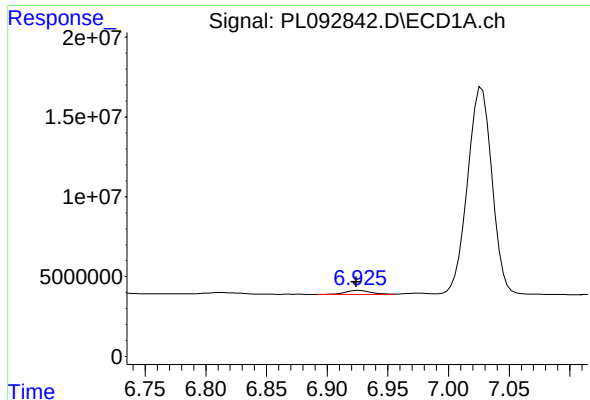
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.005 min
Response: 181682074
Conc: 87.78 ng/ml



#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.002 min
Response: 294428431
Conc: 109.77 ng/ml



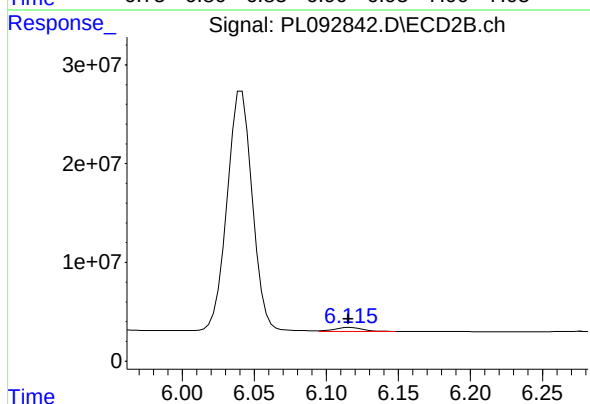
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 3496744
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

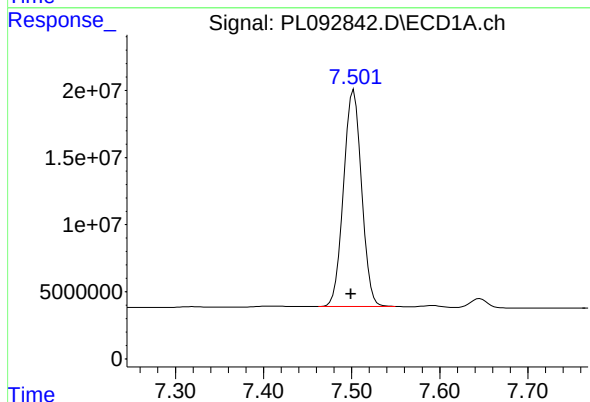
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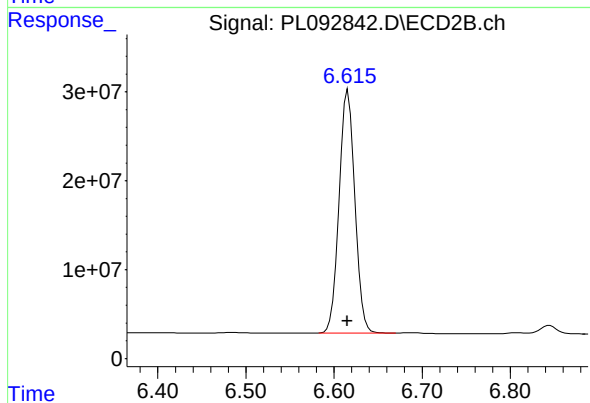
#18 Endrin aldehyde

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 5565655
Conc: 2.41 ng/ml



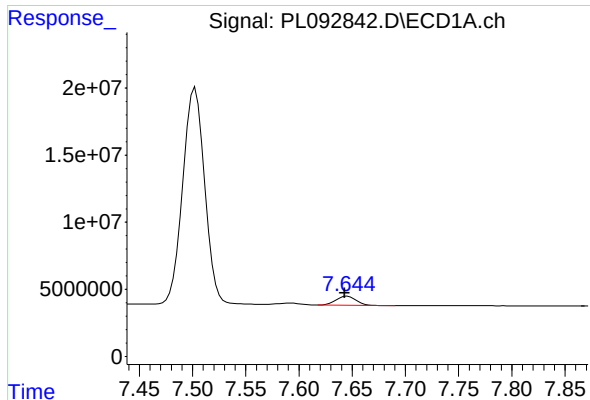
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.003 min
Response: 229942634
Conc: 201.70 ng/ml



#20 Methoxychlor

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 340289900
Conc: 238.29 ng/ml



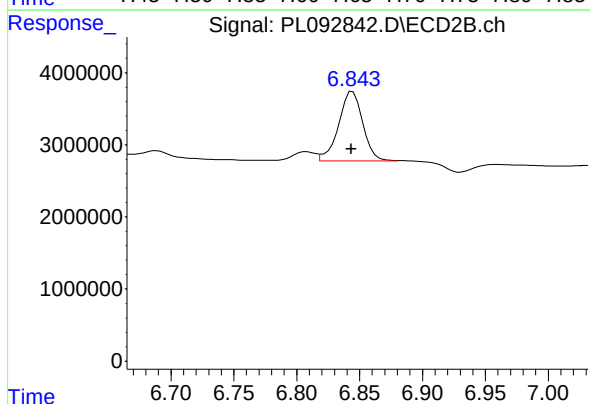
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.002 min
Response: 8766466
Conc: 3.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

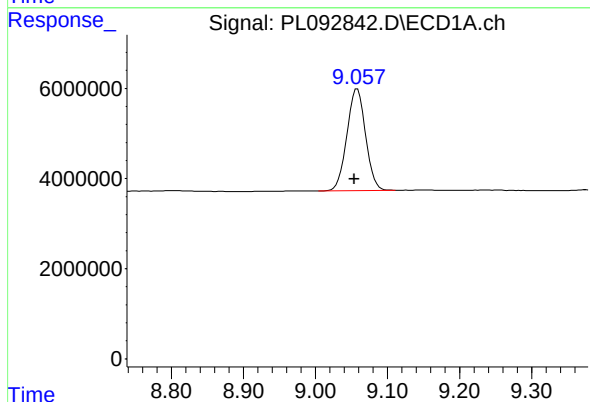
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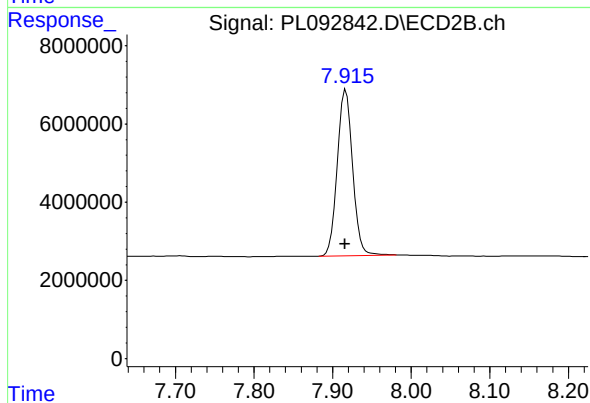
#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 12797634
Conc: 4.17 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.004 min
Response: 40616619
Conc: 21.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.917 min
Delta R.T.: 0.001 min
Response: 57610422
Conc: 21.11 ng/ml