

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012925\
 Data File : PL093842.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2025 10:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/30/2025
 Supervised By : Ankita Jodhani 01/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 00:21:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.538	2.774	57837310	65955591	21.479	20.206
28)	SA Decachlor...	9.060	7.913	47165334	73096348	22.546	20.860
Target Compounds							
2)	A alpha-BHC	3.994	3.277	43071885	47744347	11.235	9.766
3)	MA gamma-BHC...	4.327	3.607	41379986	44325063	11.236	9.349
6)	B beta-BHC	4.526	3.907	18661150	22080098	11.610	11.054
12)	B 4,4'-DDE	6.197	5.235	464297	578159	0.191m	0.144
14)	MA Endrin	6.576	5.638	117.6E6	179.8E6	50.165	48.692
16)	A 4,4'-DDD	6.713	5.787	4406961	4452056	2.319	1.410 #
17)	MA 4,4'-DDT	7.027	6.036	210.6E6	378.4E6	106.771	116.293
18)	B Endrin al...	6.926	6.112	3110847	6442058	1.600	2.116 #
20)	A Methoxychlor	7.503	6.612	258.0E6	455.5E6	247.223	254.732
21)	B Endrin ke...	7.646	6.841	6156554	9878931	2.441	2.355

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

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Data File : PL093842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jan 2025 10:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

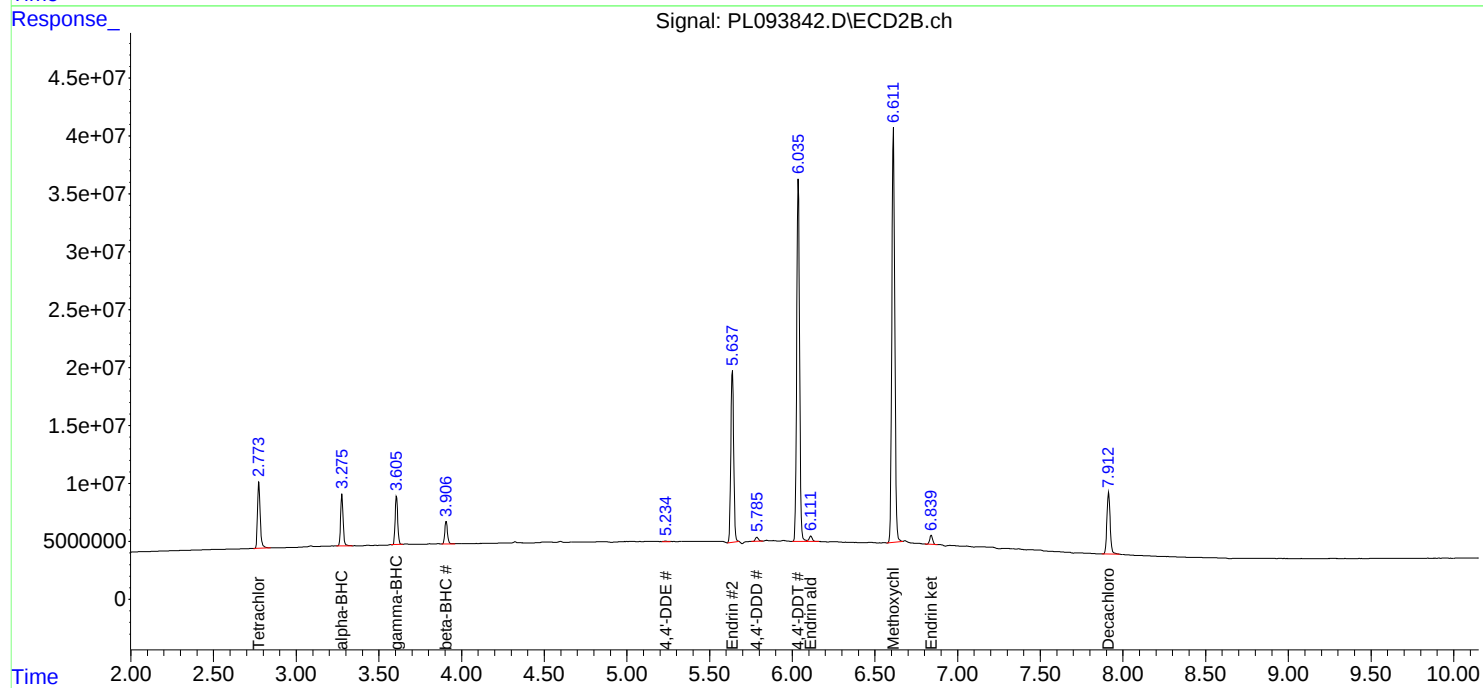
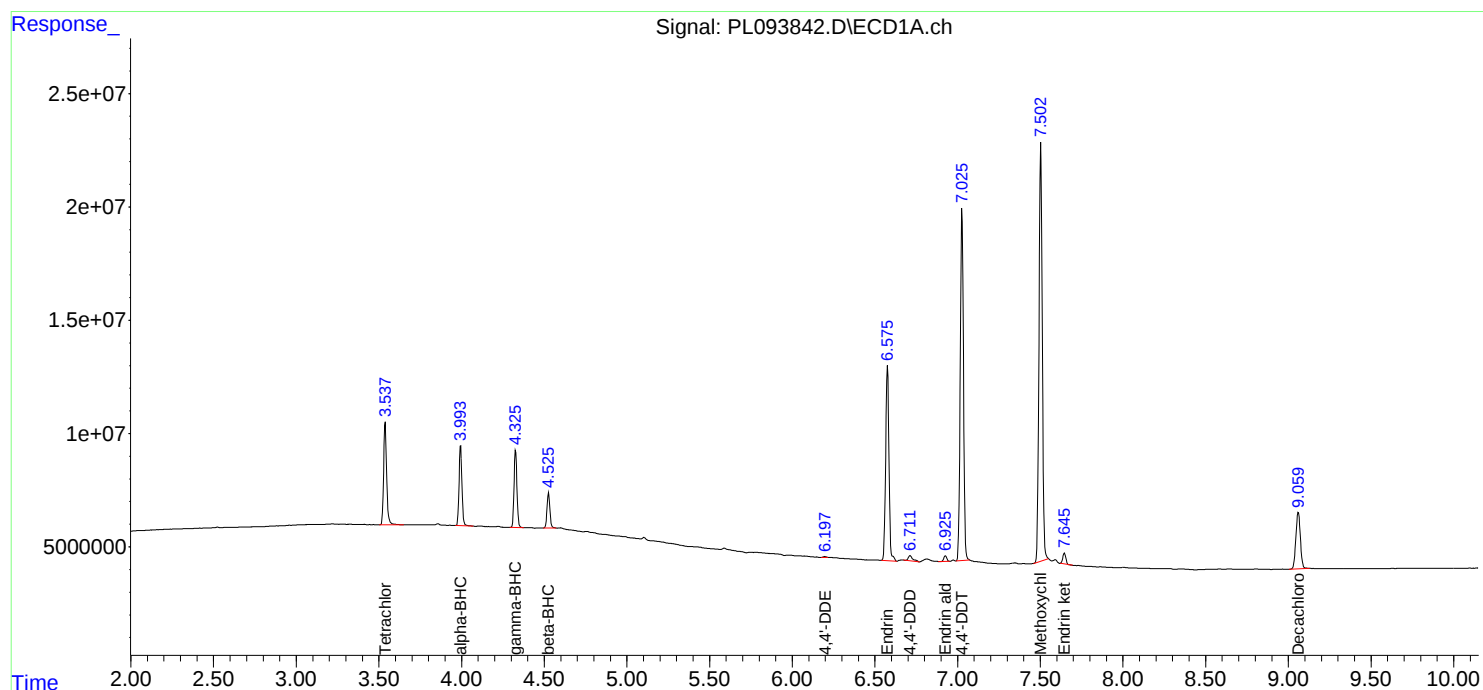
Instrument :
ECD_L
ClientSampleId :
PEM

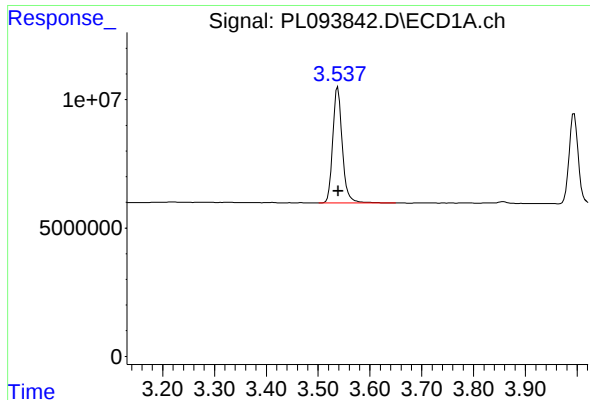
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 30 00:21:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response 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





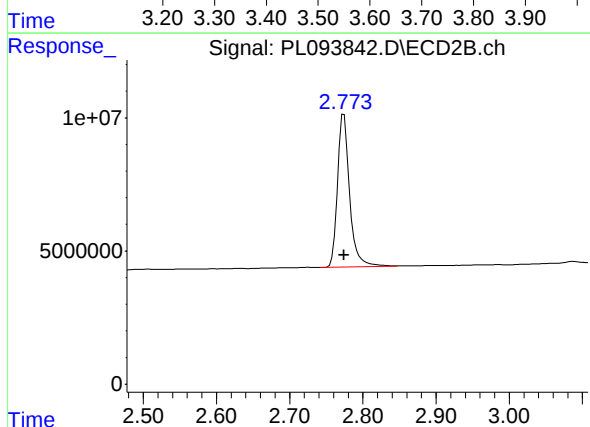
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 57837310
Conc: 21.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

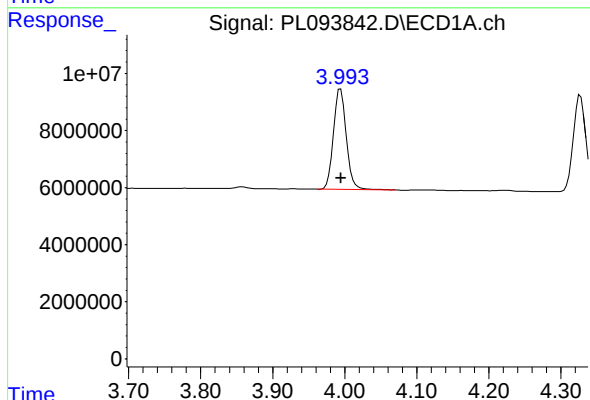
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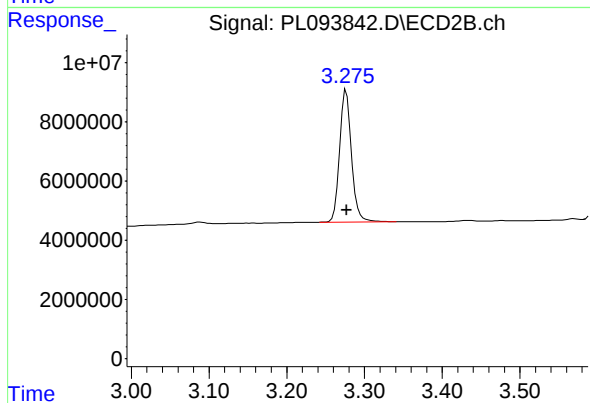
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 65955591
Conc: 20.21 ng/ml



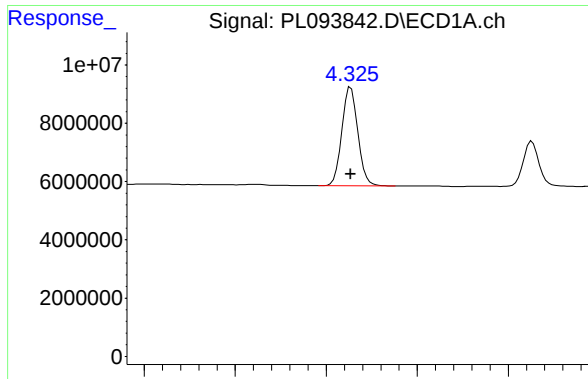
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 43071885
Conc: 11.23 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 47744347
Conc: 9.77 ng/ml



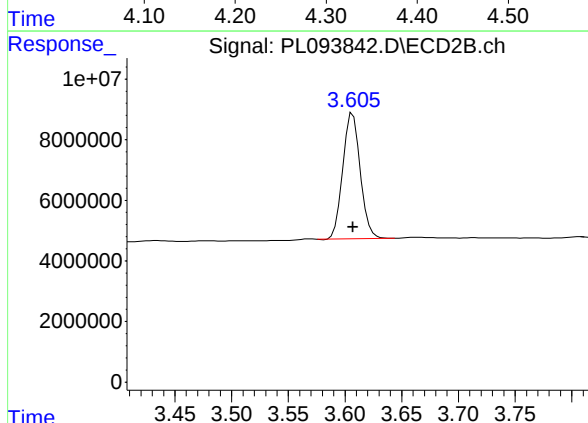
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 41379986
Conc: 11.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

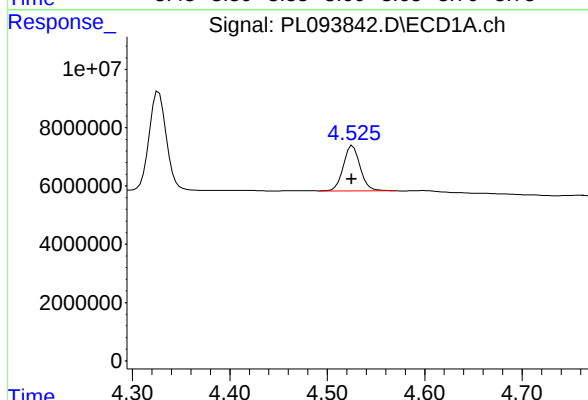
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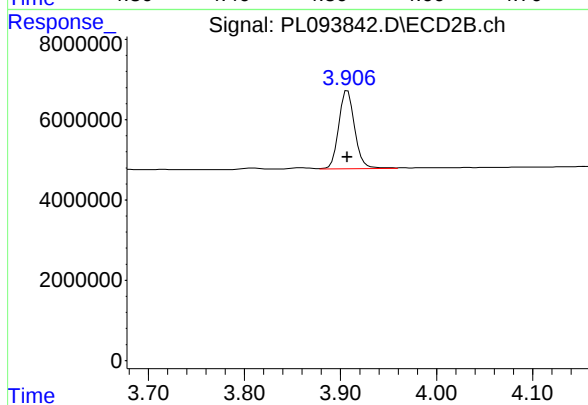
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 44325063
Conc: 9.35 ng/ml



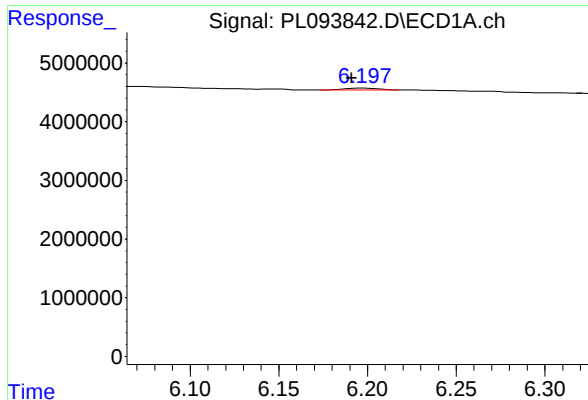
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 18661150
Conc: 11.61 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 22080098
Conc: 11.05 ng/ml



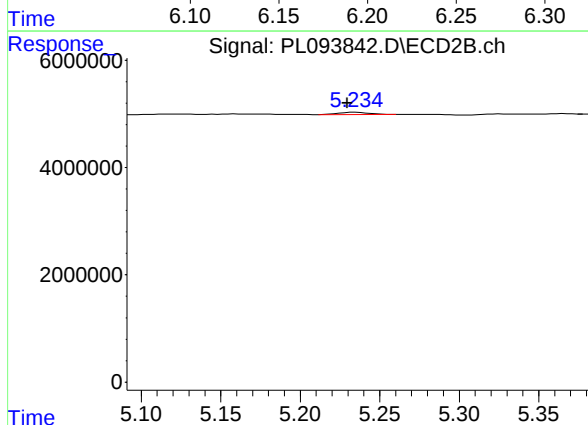
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.006 min
Response: 464297
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

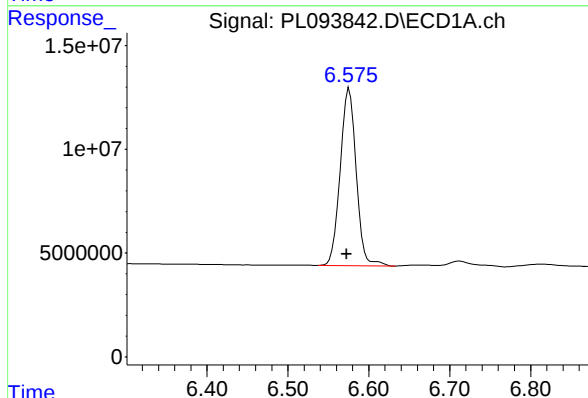
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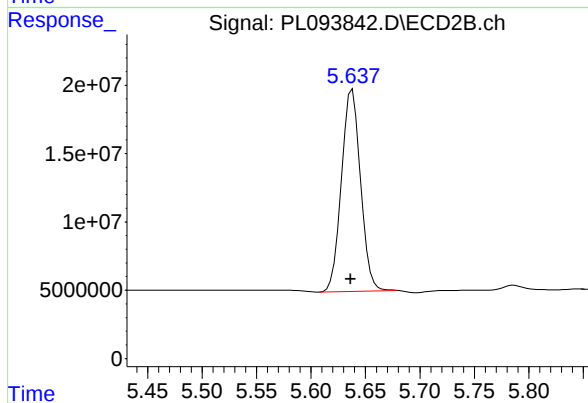
#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: 0.005 min
Response: 578159
Conc: 0.14 ng/ml



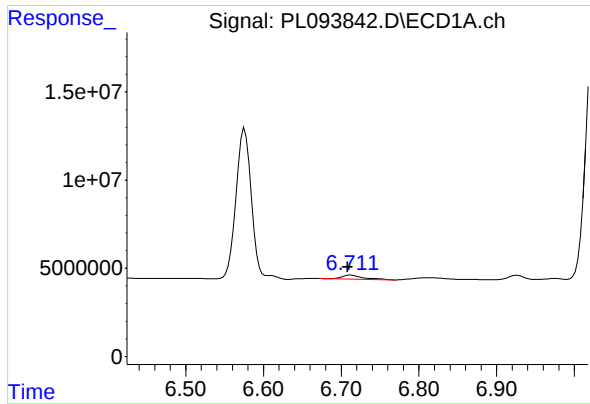
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.004 min
Response: 117628504
Conc: 50.17 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.001 min
Response: 179805127
Conc: 48.69 ng/ml



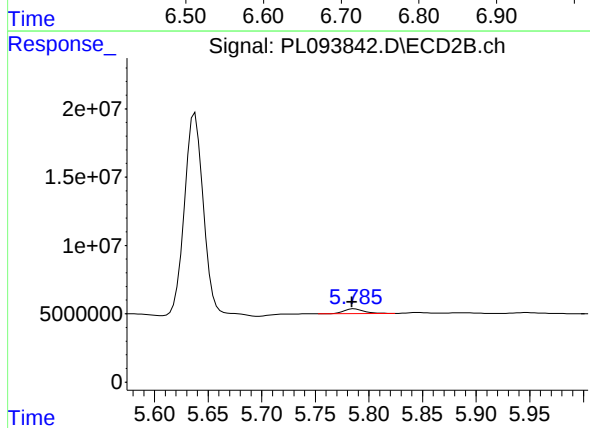
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.004 min
Response: 4406961
Conc: 2.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

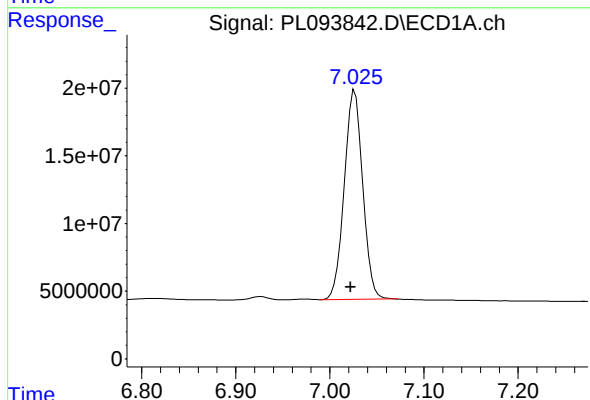
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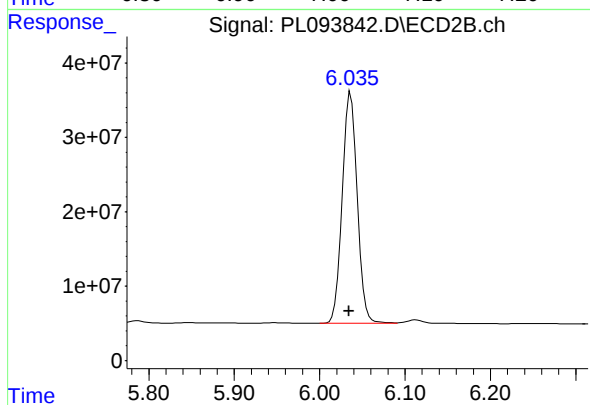
#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: 0.002 min
Response: 4452056
Conc: 1.41 ng/ml



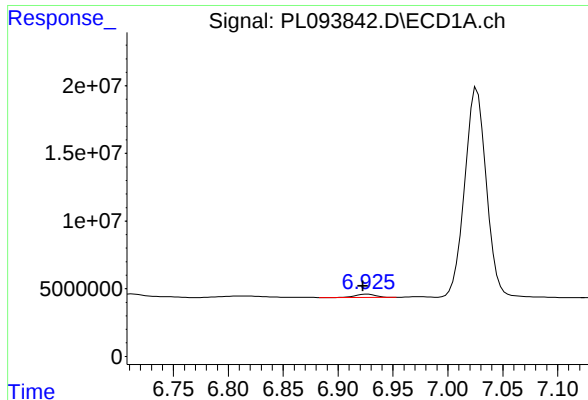
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.004 min
Response: 210558932
Conc: 106.77 ng/ml



#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.002 min
Response: 378424054
Conc: 116.29 ng/ml



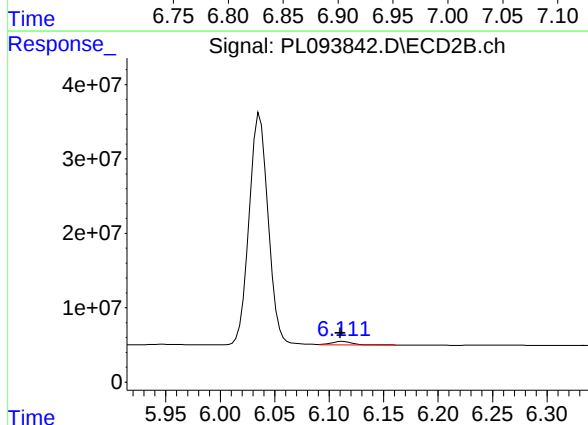
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.004 min
Response: 3110847
Conc: 1.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

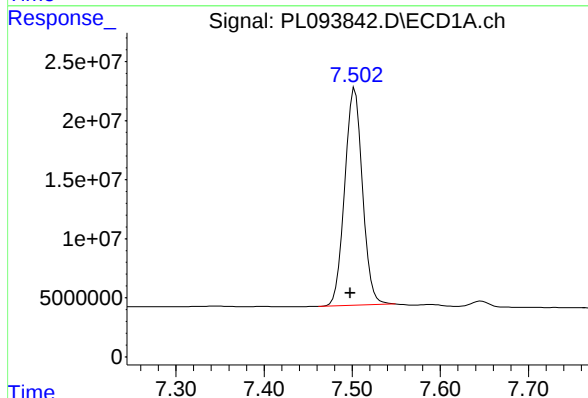
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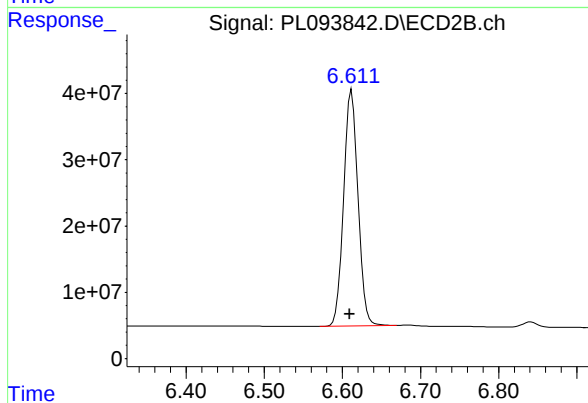
#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 6442058
Conc: 2.12 ng/ml



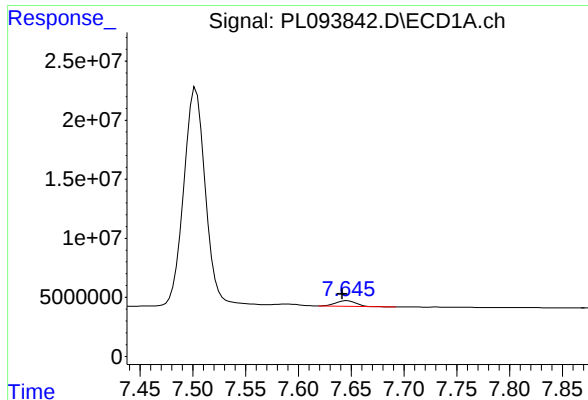
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.005 min
Response: 257951608
Conc: 247.22 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 455496338
Conc: 254.73 ng/ml



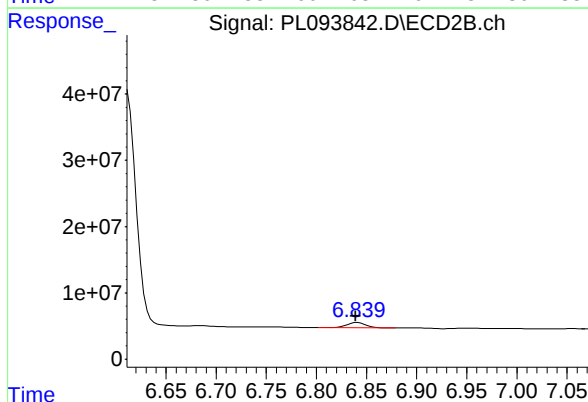
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.004 min
Response: 6156554
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

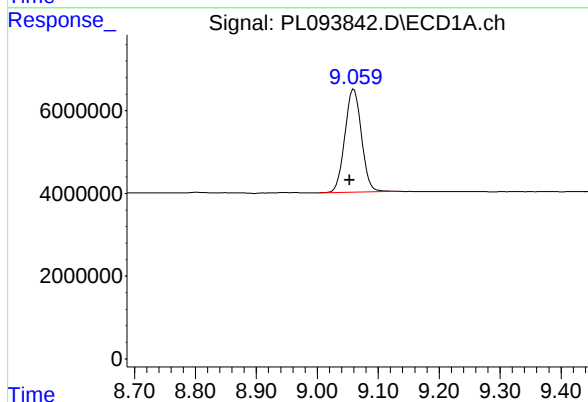
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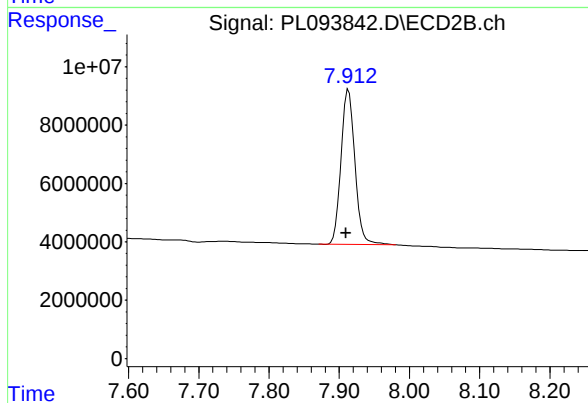
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.002 min
Response: 9878931
Conc: 2.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.007 min
Response: 47165334
Conc: 22.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.003 min
Response: 73096348
Conc: 20.86 ng/ml