

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093111.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 13:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:26:50 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...	3.539	2.777	51573699	55975585	21.048	20.570
28)	SA Decachlor...	9.056	7.915	37701828	53175314	19.590	19.484
Target Compounds							
2)	A alpha-BHC	3.994	3.279	36597965	39346754	10.791	9.861
3)	MA gamma-BHC...	4.327	3.609	34249236	36538497	10.507	9.467
6)	B beta-BHC	4.525	3.909	16410721	17854743	11.353	10.846
14)	MA Endrin	6.573	5.640	97674098	144.5E6	42.902m	49.941
16)	A 4,4'-DDD	6.710	5.788	5619719	5939052	2.928	2.385
17)	MA 4,4'-DDT	7.024	6.038	178.3E6	286.2E6	86.134	106.698
18)	B Endrin al...	6.924	6.113	2612251	3708139	1.391	1.607
20)	A Methoxychlor	7.501	6.614	231.6E6	340.8E6	203.185	238.652
21)	B Endrin ke...	7.644	6.842	6070195	8001791	2.505	2.607

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

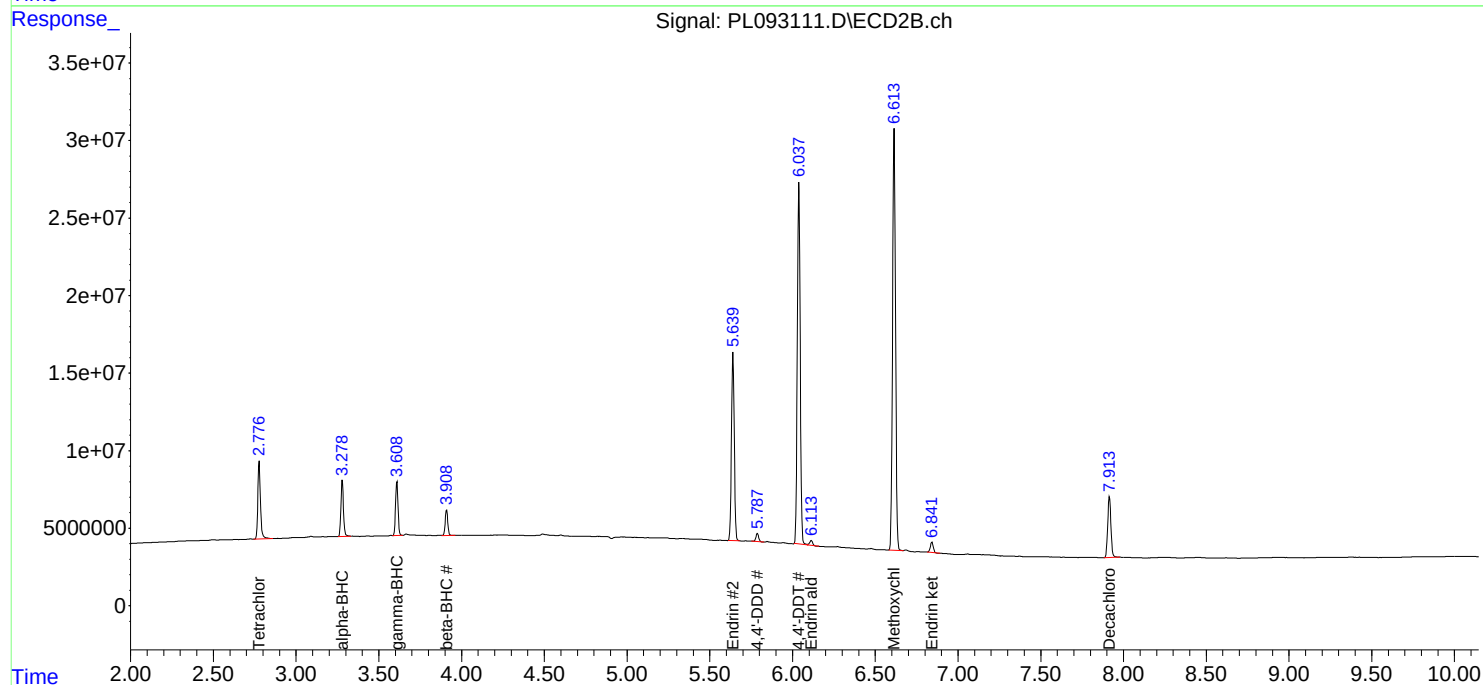
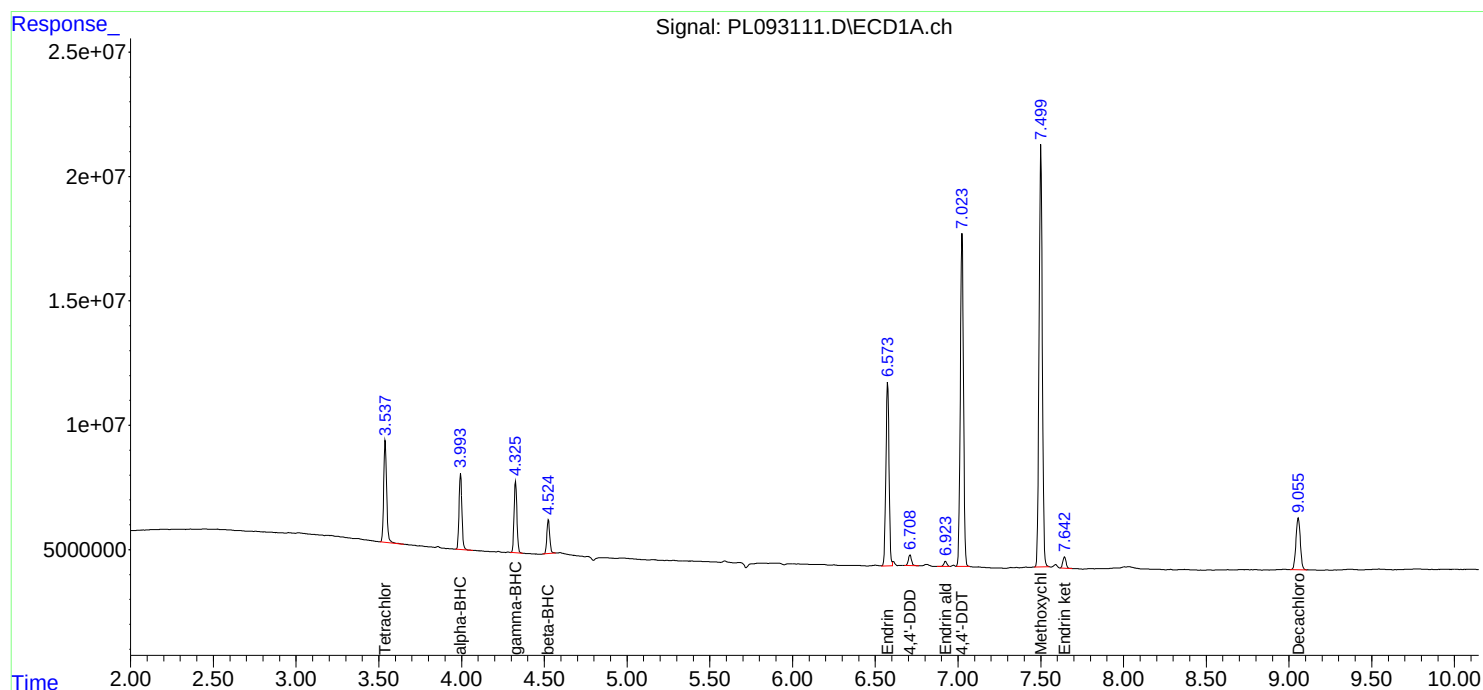
Instrument :
ECD_L
ClientSampleId :
PEM

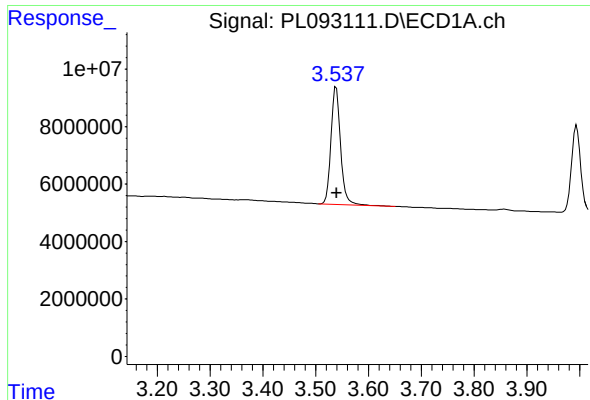
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Integration File signal 1: autoint1.e
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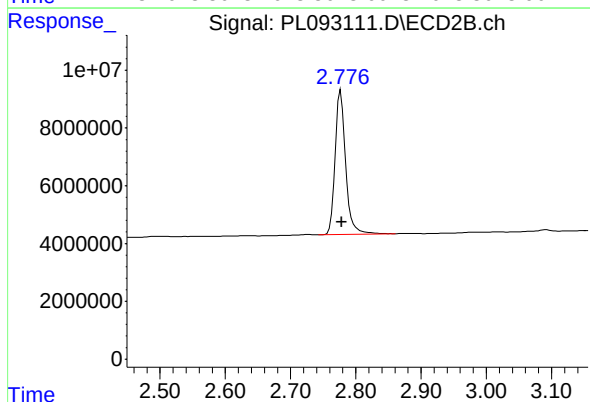
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.001 min
Response: 51573699
Conc: 21.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

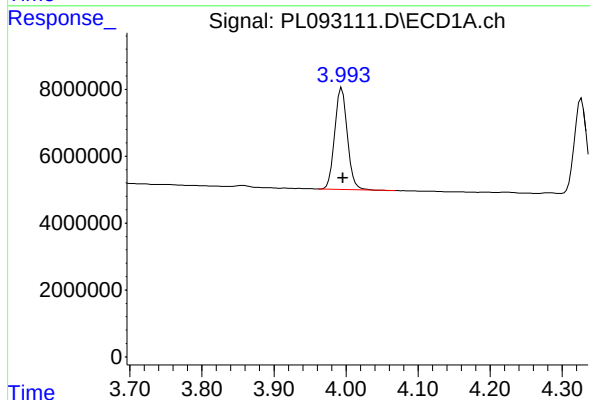
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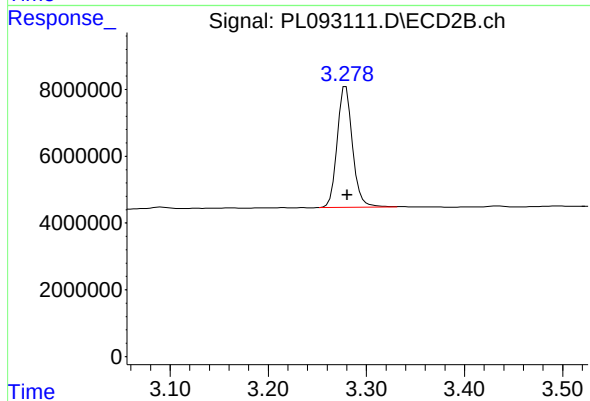
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.001 min
Response: 55975585
Conc: 20.57 ng/ml



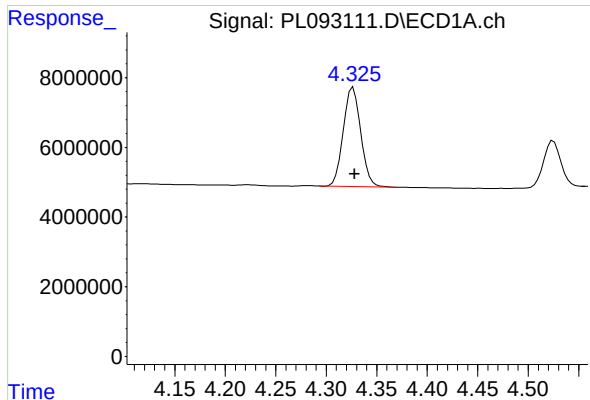
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 36597965
Conc: 10.79 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: -0.002 min
Response: 39346754
Conc: 9.86 ng/ml



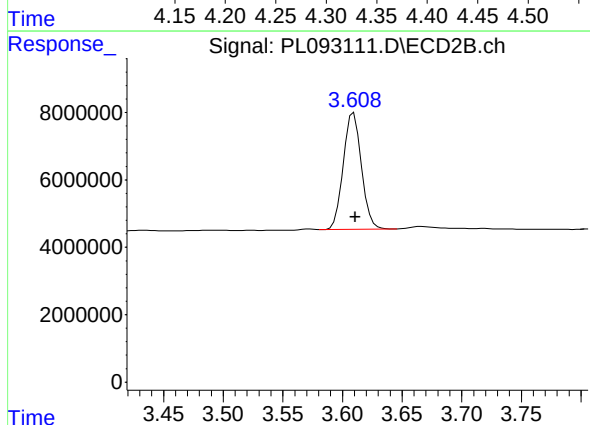
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 34249236
Conc: 10.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

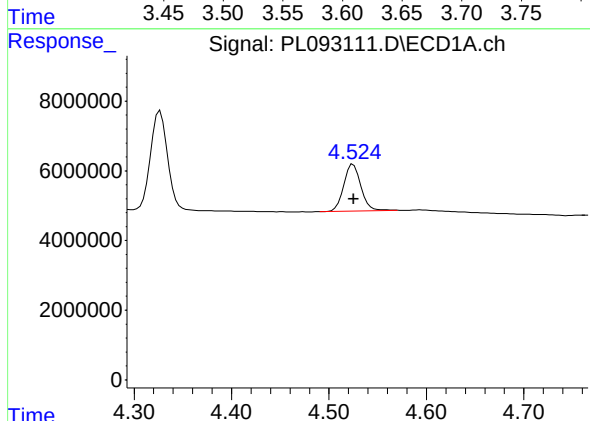
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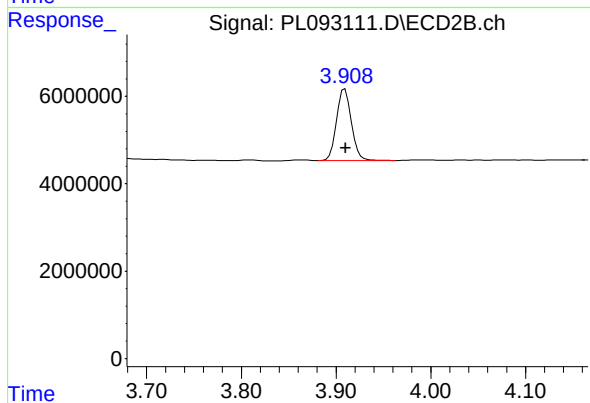
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: -0.001 min
Response: 36538497
Conc: 9.47 ng/ml



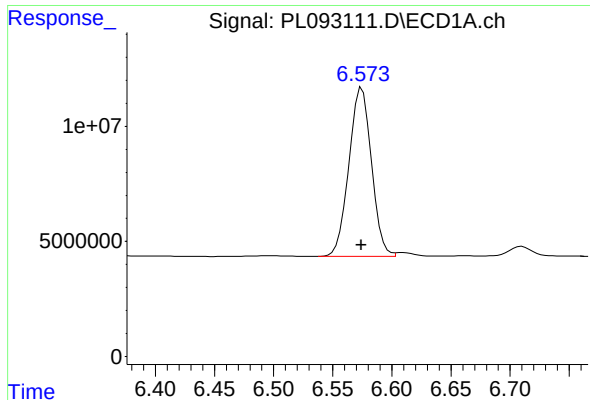
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 16410721
Conc: 11.35 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 17854743
Conc: 10.85 ng/ml



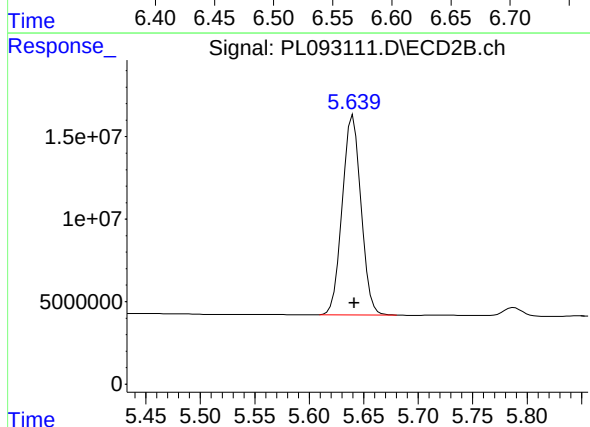
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 97674098
Conc: 42.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

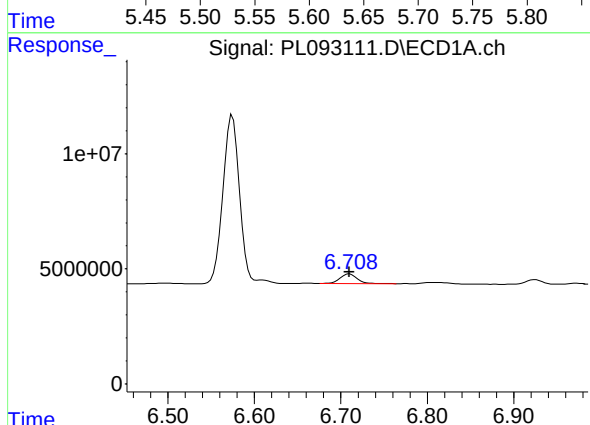
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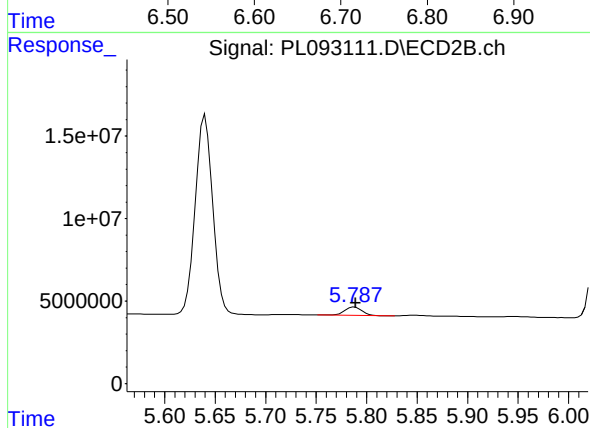
#14 Endrin

R.T.: 5.640 min
Delta R.T.: -0.001 min
Response: 144478654
Conc: 49.94 ng/ml



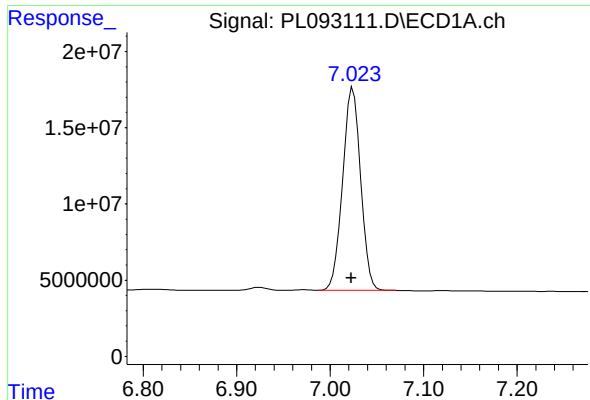
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 5619719
Conc: 2.93 ng/ml



#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 5939052
Conc: 2.39 ng/ml



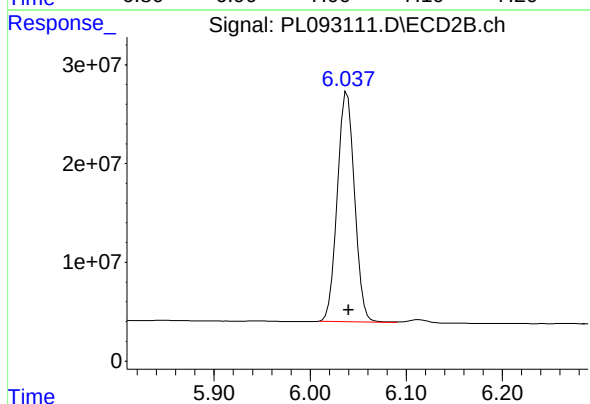
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 178275181
Conc: 86.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

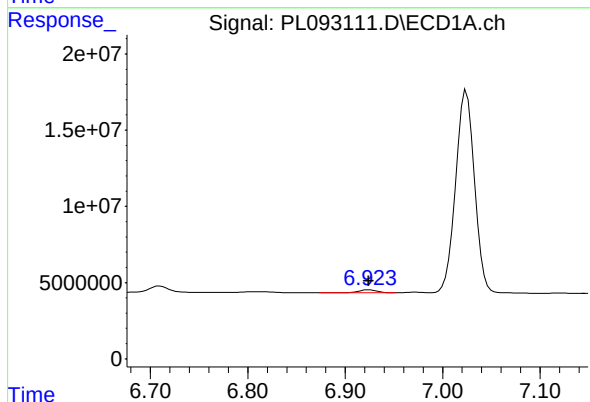
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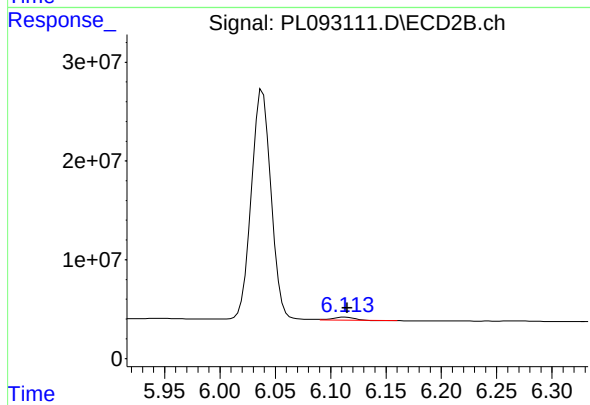
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: -0.001 min
Response: 286192104
Conc: 106.70 ng/ml



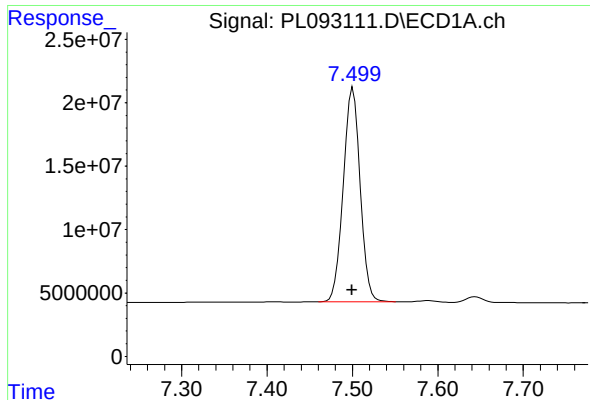
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 2612251
Conc: 1.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 3708139
Conc: 1.61 ng/ml



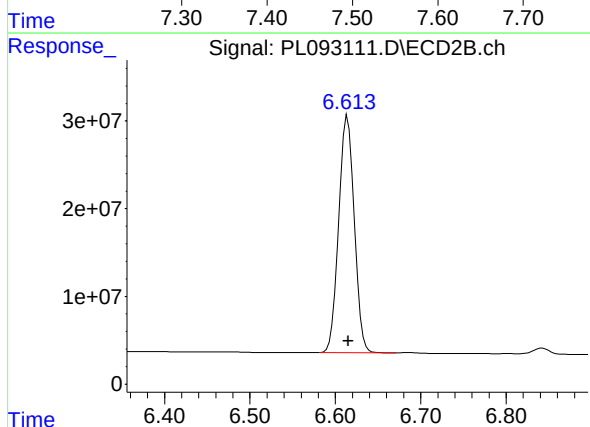
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.001 min
Response: 231630473
Conc: 203.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

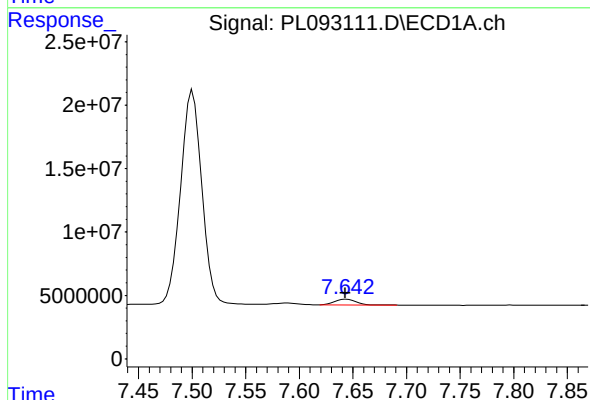
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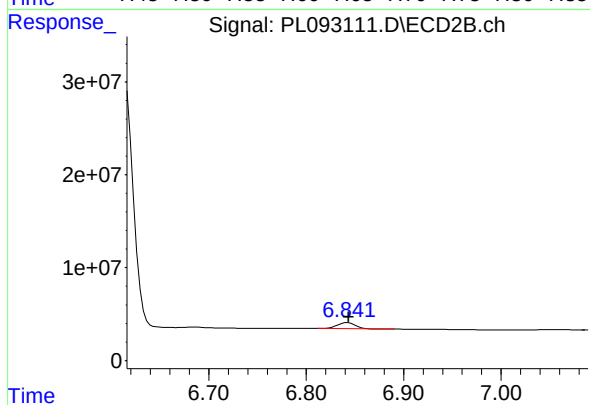
#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 340802277
Conc: 238.65 ng/ml



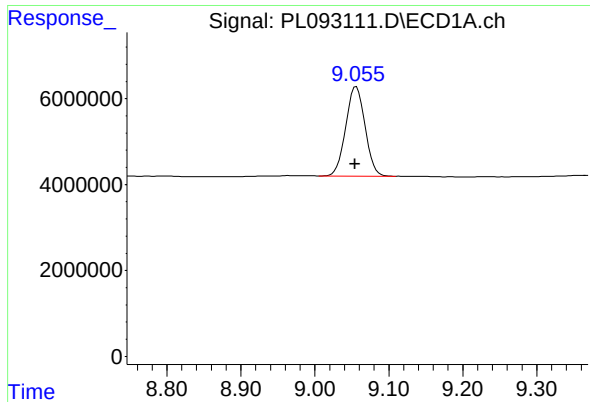
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 6070195
Conc: 2.51 ng/ml



#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: -0.001 min
Response: 8001791
Conc: 2.61 ng/ml



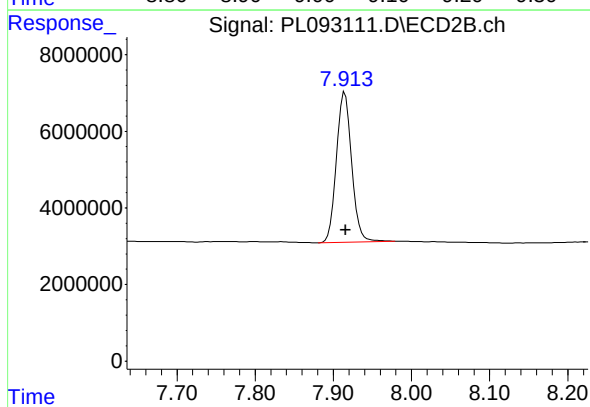
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 37701828
Conc: 19.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: -0.001 min
Response: 53175314
Conc: 19.48 ng/ml