

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120924\
 Data File : PL093331.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2024 12:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/10/2024
 Supervised By :Ankita Jodhani 12/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 10 00:21:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 25 15:18:43 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	2.776	56495152	61309657	21.738	21.258
2)	SA Decachlor...	9.057	7.913	39706062	60568443	22.839	21.204
Target Compounds							
2)	A alpha-BHC	3.996	3.278	39693130	42916795	11.123	10.052
3)	MA gamma-BHC...	4.328	3.609	36750861	39699042	10.877	9.590
6)	B beta-BHC	4.526	3.909	17474375	19079689	11.574	10.726
12)	B 4,4'-DDE	6.194	5.234	520960	1217711	0.223m	0.340 #
14)	MA Endrin	6.575	5.639	98281668	154.8E6	46.857m	48.533
16)	A 4,4'-DDD	6.711	5.786	3921907	4693291	2.140m	1.674m
17)	MA 4,4'-DDT	7.024	6.038	181.5E6	316.2E6	94.133m	106.761
18)	B Endrin al...	6.925	6.113	4343144	6957223	2.404m	2.653
20)	A Methoxychlor	7.502	6.612	217.8E6	334.5E6	208.434	219.060
21)	B Endrin ke...	7.645	6.841	7379314	11533087	3.252	3.436

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

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Acq On : 09 Dec 2024 12:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

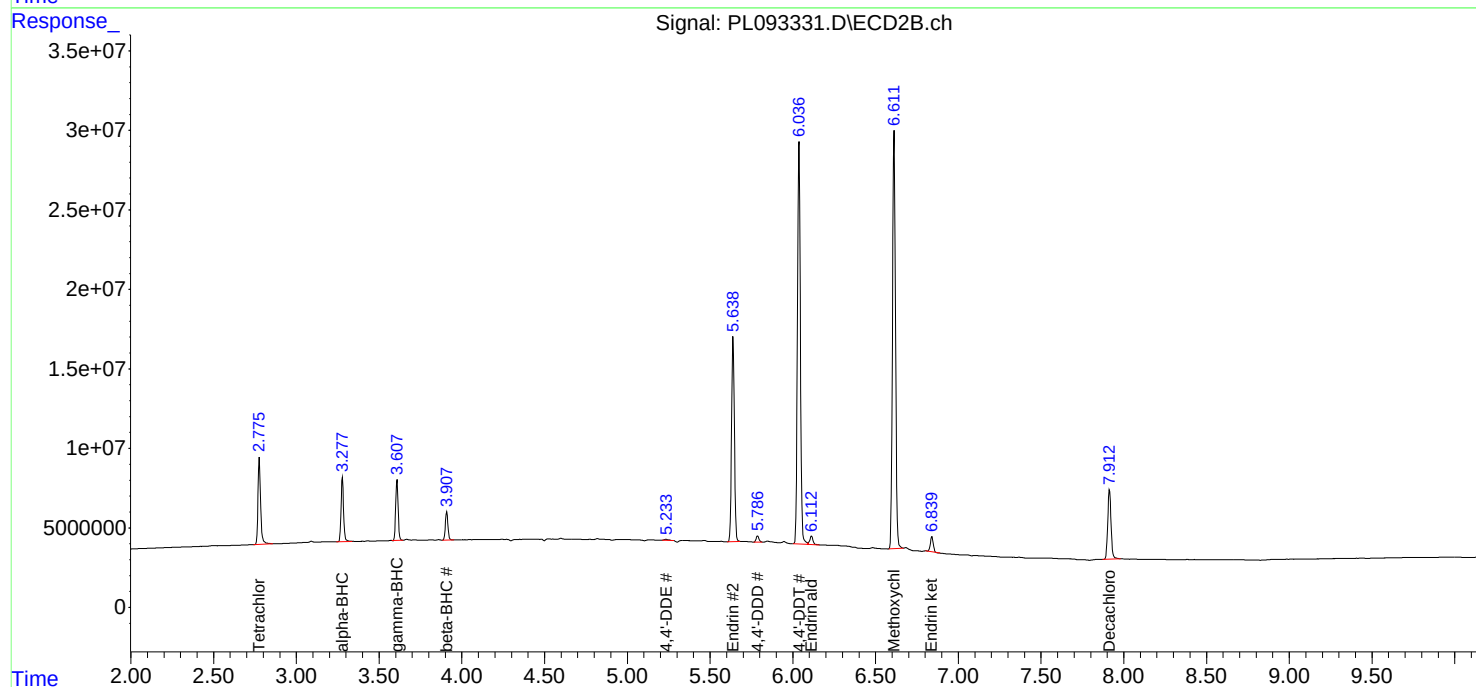
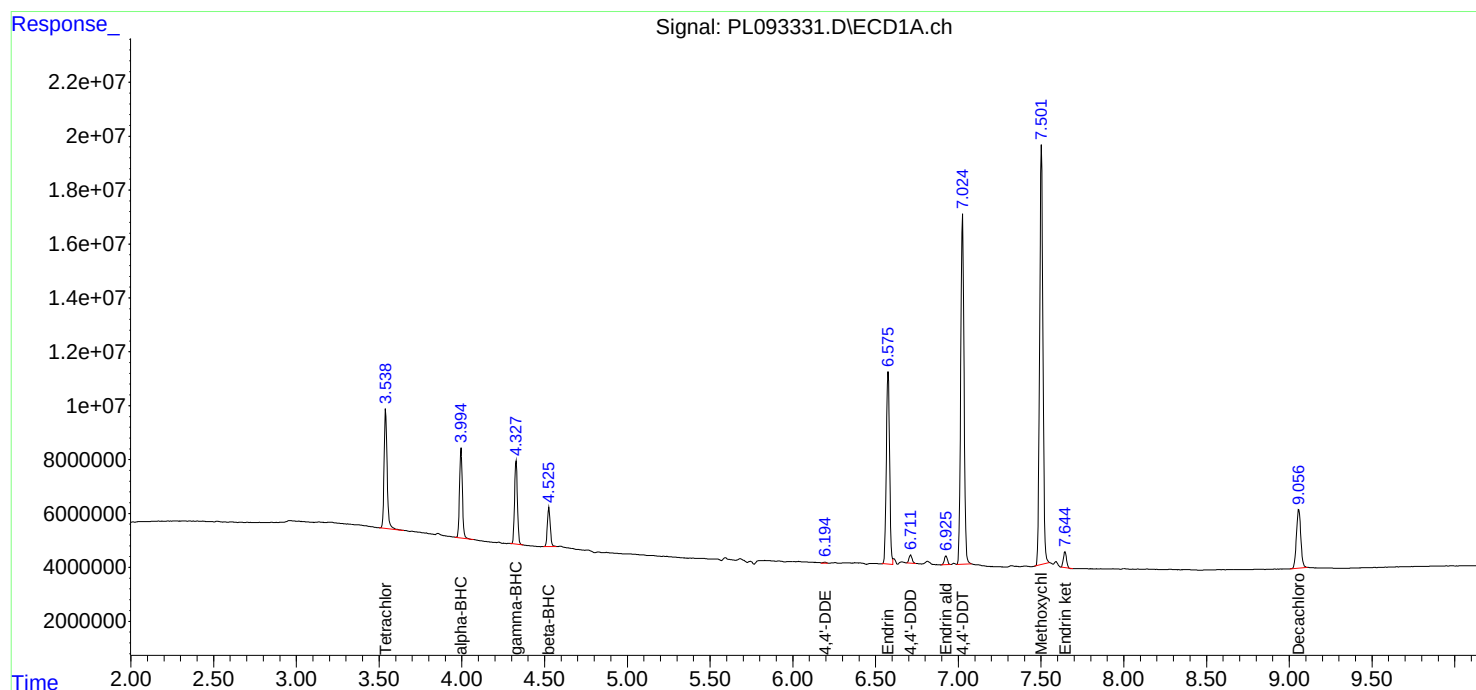
Instrument :
ECD_L
ClientSampleId :
PEM

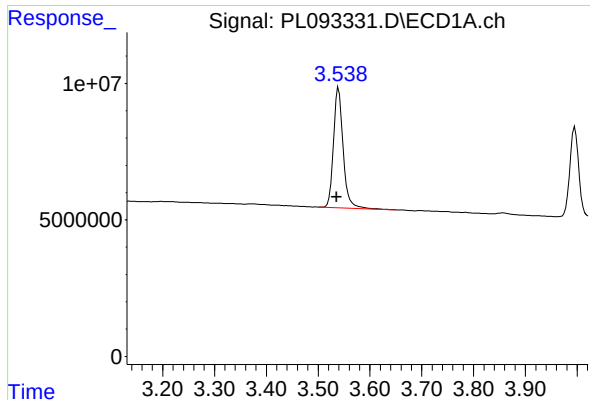
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Integration File signal 2: autoint2.e
Quant Time: Dec 10 00:21:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
Quant Title : GC Extractables
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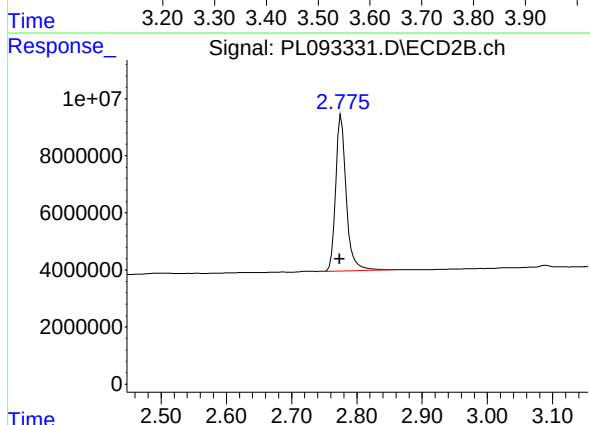
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.003 min
Response: 56495152
Conc: 21.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

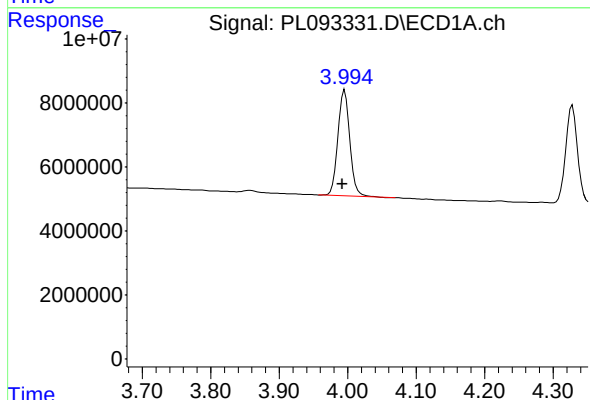
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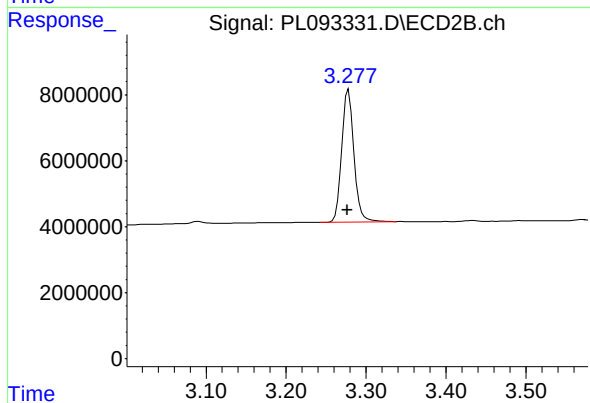
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.002 min
Response: 61309657
Conc: 21.26 ng/ml



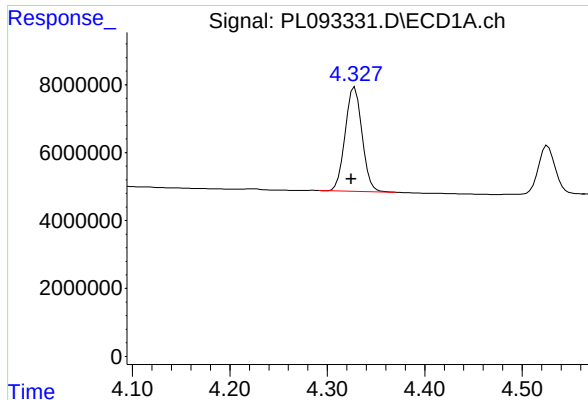
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.003 min
Response: 39693130
Conc: 11.12 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 42916795
Conc: 10.05 ng/ml



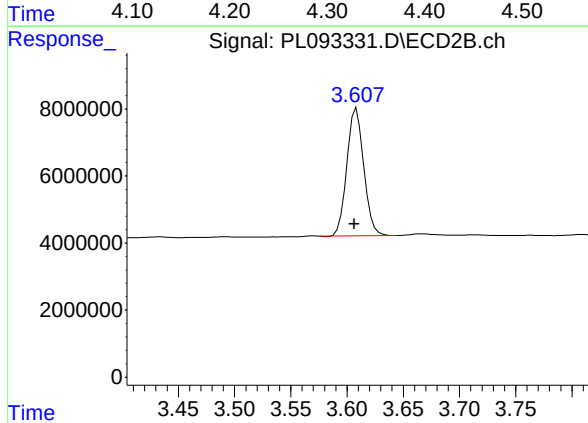
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.003 min
Response: 36750861
Conc: 10.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

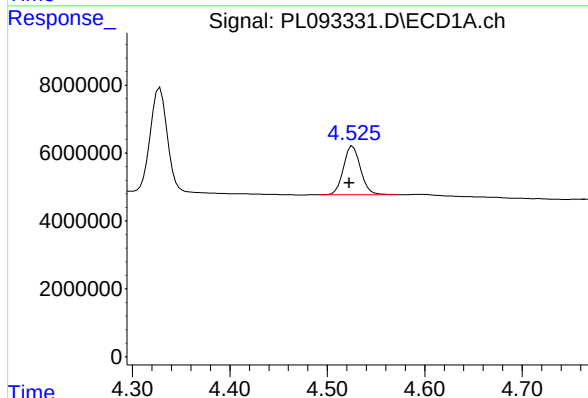
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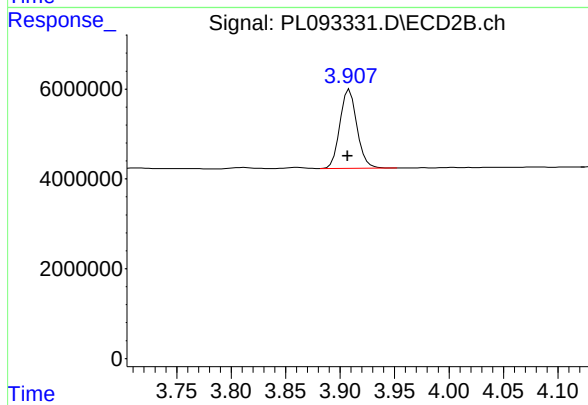
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.002 min
Response: 39699042
Conc: 9.59 ng/ml



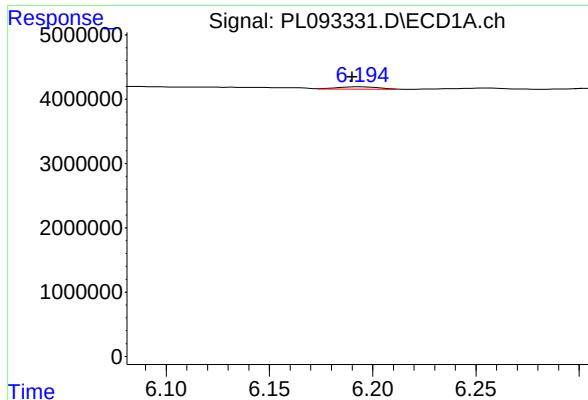
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.004 min
Response: 17474375
Conc: 11.57 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: 0.002 min
Response: 19079689
Conc: 10.73 ng/ml



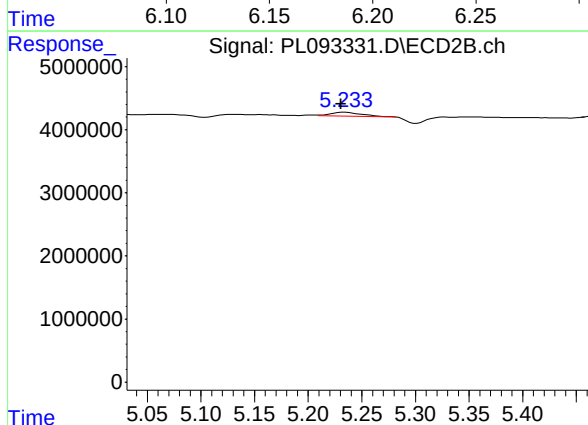
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.003 min
Response: 520960
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

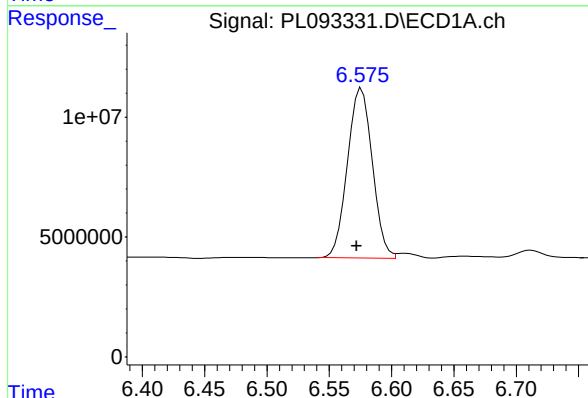
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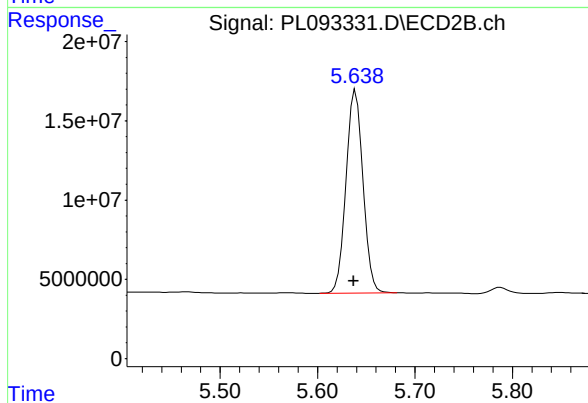
#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: 0.004 min
Response: 1217711
Conc: 0.34 ng/ml



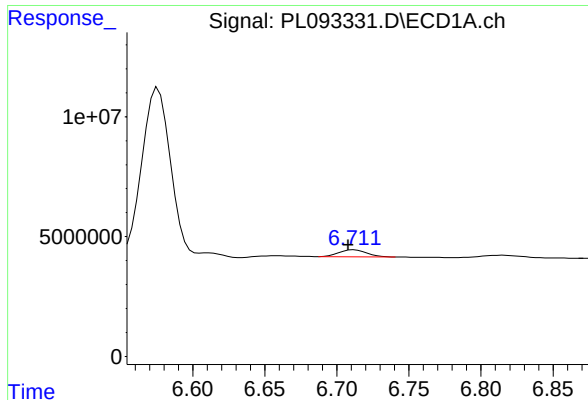
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.003 min
Response: 98281668
Conc: 46.86 ng/ml m



#14 Endrin

R.T.: 5.639 min
Delta R.T.: 0.002 min
Response: 154784033
Conc: 48.53 ng/ml



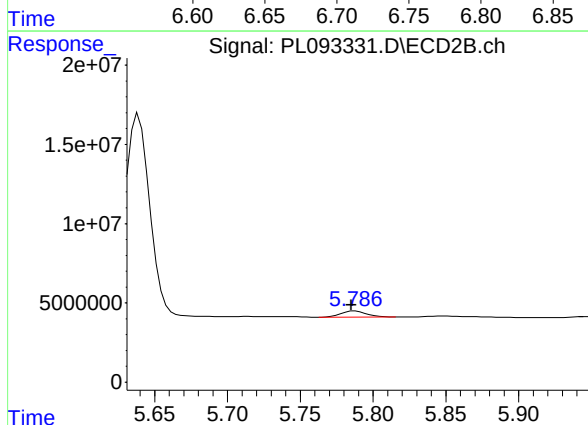
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.003 min
Response: 3921907
Conc: 2.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

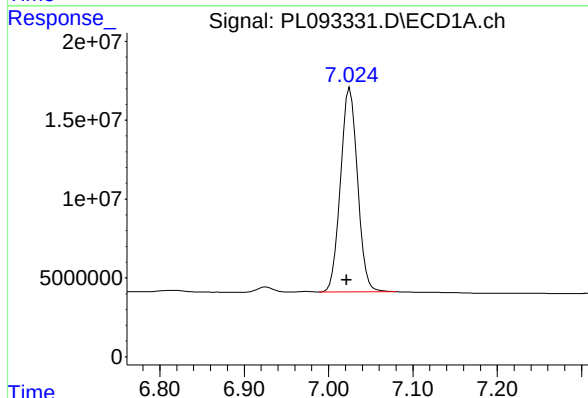
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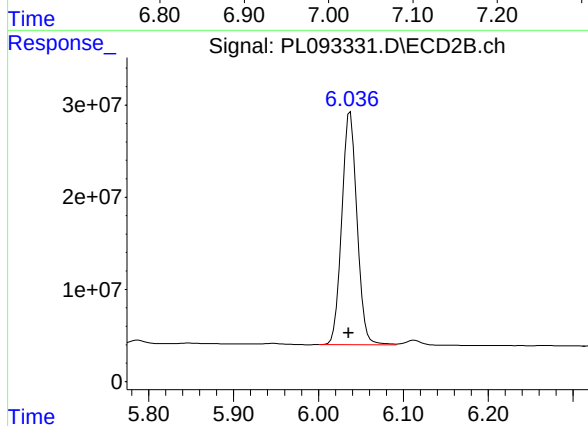
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.001 min
Response: 4693291
Conc: 1.67 ng/ml



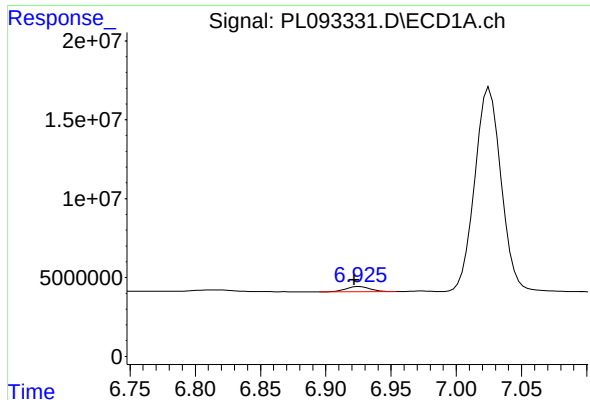
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 181473259
Conc: 94.13 ng/ml



#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.002 min
Response: 316202485
Conc: 106.76 ng/ml



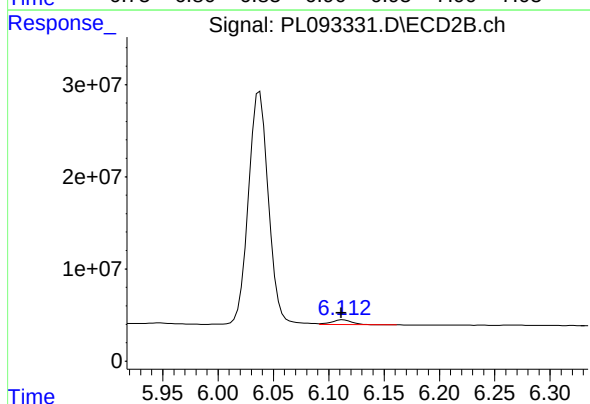
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.003 min
Response: 4343144
Conc: 2.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

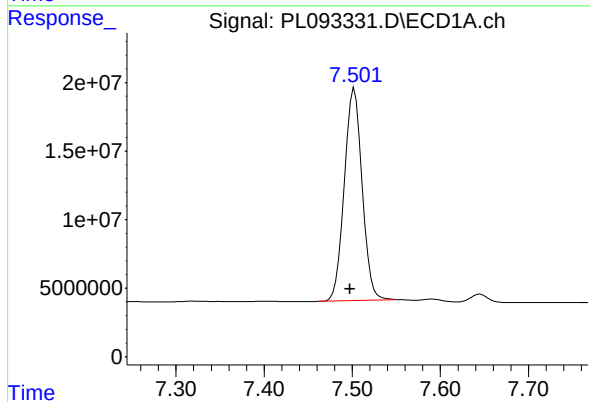
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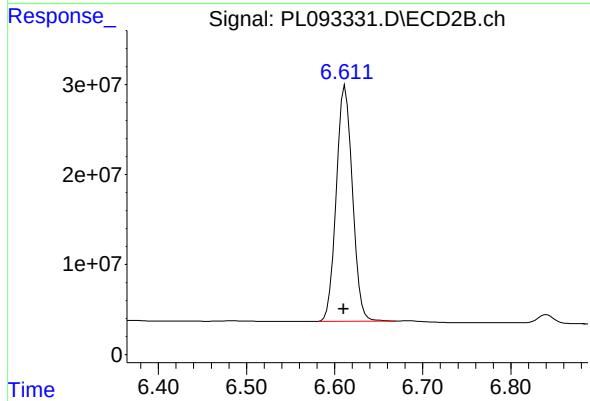
#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: 0.002 min
Response: 6957223
Conc: 2.65 ng/ml



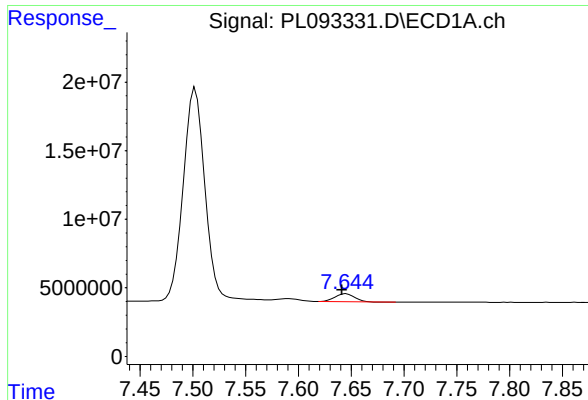
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.005 min
Response: 217788321
Conc: 208.43 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 334491353
Conc: 219.06 ng/ml



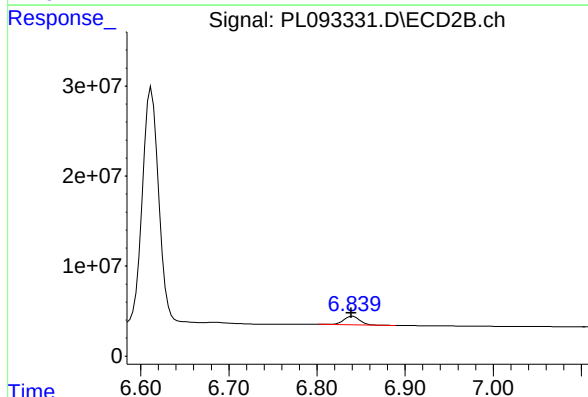
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 7379314
Conc: 3.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

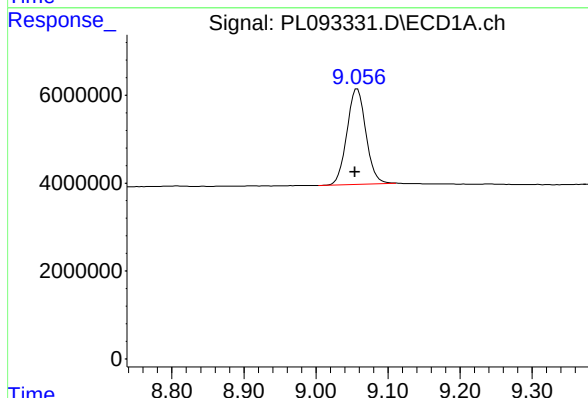
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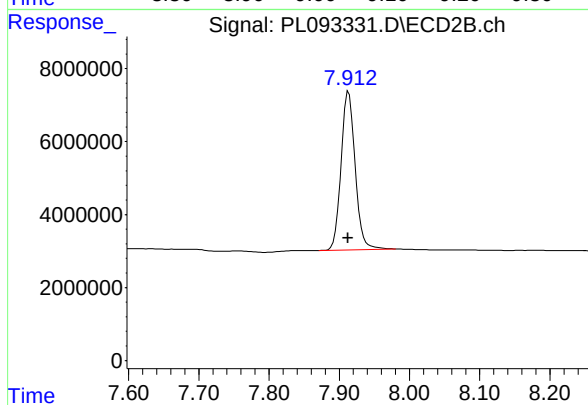
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.001 min
Response: 11533087
Conc: 3.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.003 min
Response: 39706062
Conc: 22.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.001 min
Response: 60568443
Conc: 21.20 ng/ml