

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121724\
 Data File : PL093396.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2024 11:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/18/2024
 Supervised By : Ankita Jodhani 12/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 23:44:03 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	2.775	55414201	59671763	21.322	20.690
28)	SA Decachlor...	9.053	7.911	40716092	62473469	23.420	21.871
Target Compounds							
2)	A alpha-BHC	3.994	3.278	39601527	42162785	11.098	9.876
3)	MA gamma-BHC...	4.327	3.608	36867280	38579896	10.912	9.319
6)	B beta-BHC	4.525	3.908	17001363	19208908	11.261	10.798
12)	B 4,4'-DDE	6.190	5.230	480537	498622	0.205m	0.139m#
14)	MA Endrin	6.572	5.638	102.9E6	147.6E6	49.043m	46.272
16)	A 4,4'-DDD	6.710	5.786	1842113	2929029	1.005	1.045
17)	MA 4,4'-DDT	7.024	6.036	186.4E6	320.6E6	96.664	108.239
18)	B Endrin al...	6.923	6.112	2567328	5728810	1.421	2.185 #
20)	A Methoxychlor	7.499	6.611	232.2E6	383.8E6	222.254	251.371
21)	B Endrin ke...	7.641	6.839	5446385	8338445	2.400	2.484

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

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Data File : PL093396.D
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Acq On : 17 Dec 2024 11:16
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

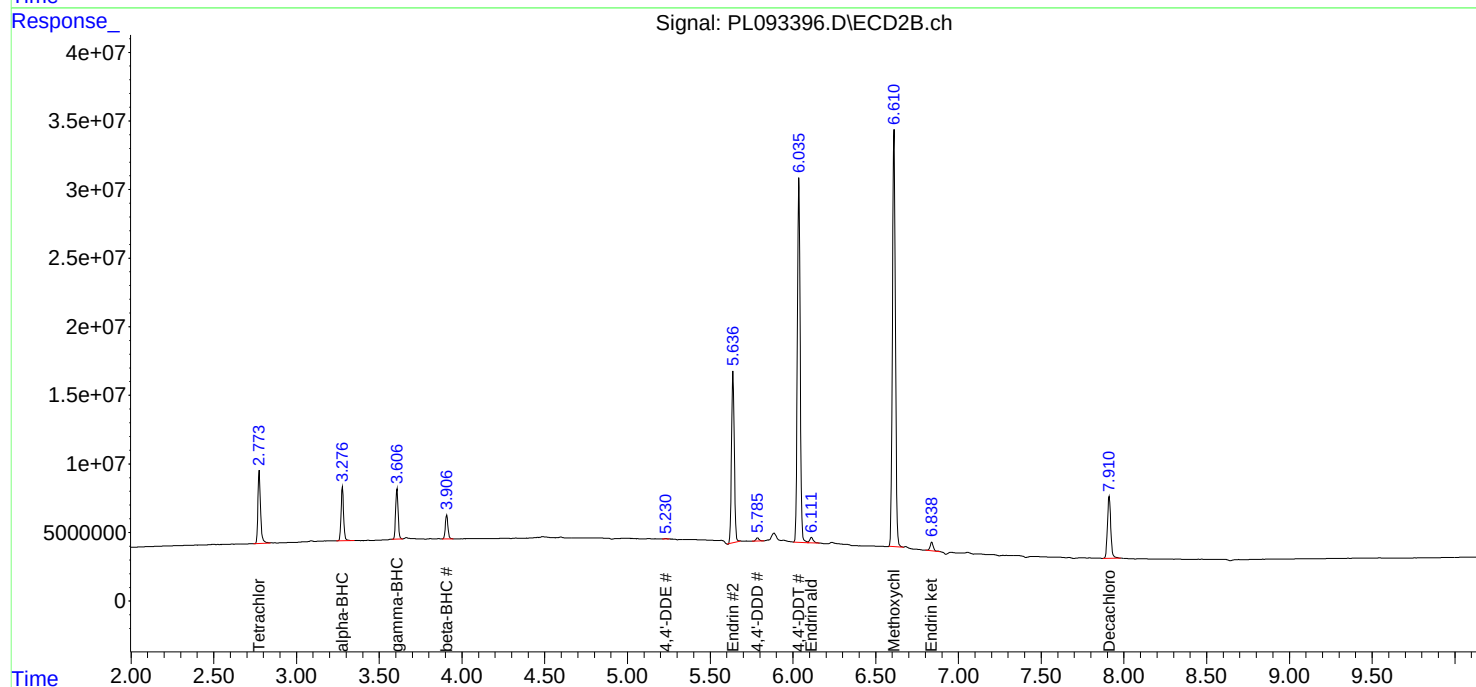
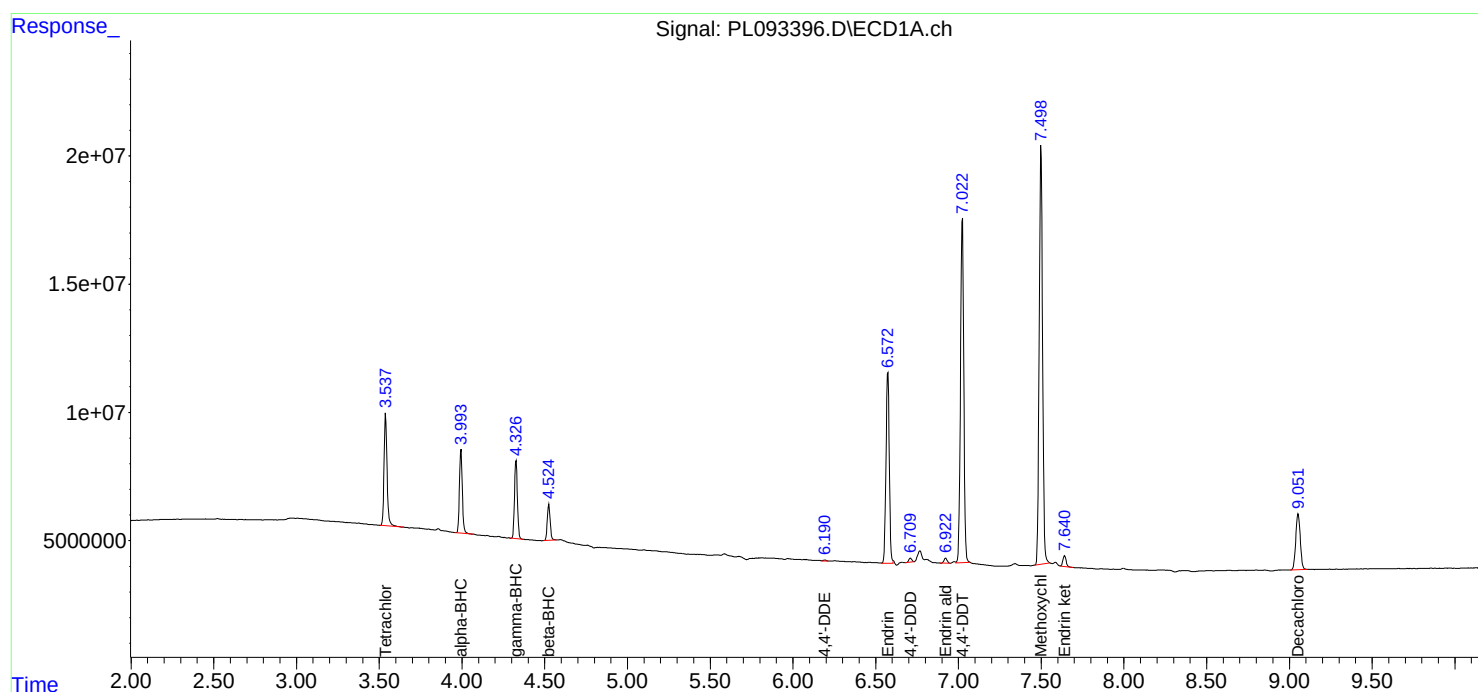
Instrument :
ECD_L
ClientSampleId :
PEM

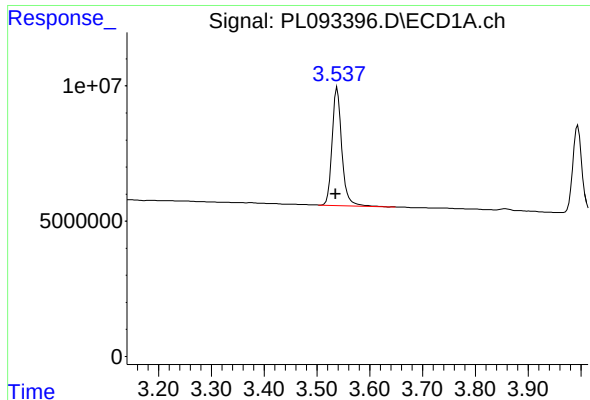
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
Quant Title : GC Extractables
QLast Update : Mon Nov 25 15:18:43 2024
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Volume Inj. : 1 µl
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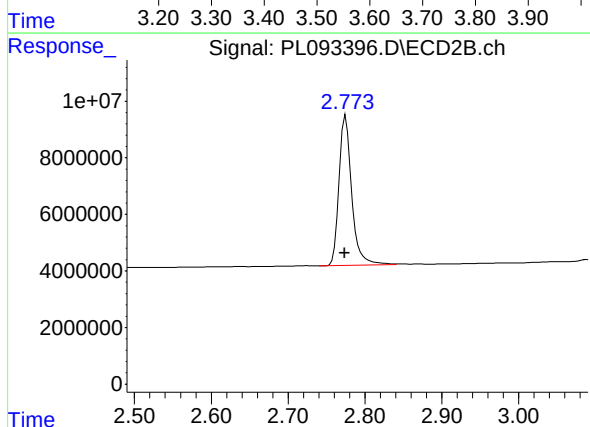
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.002 min
Response: 55414201
Conc: 21.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

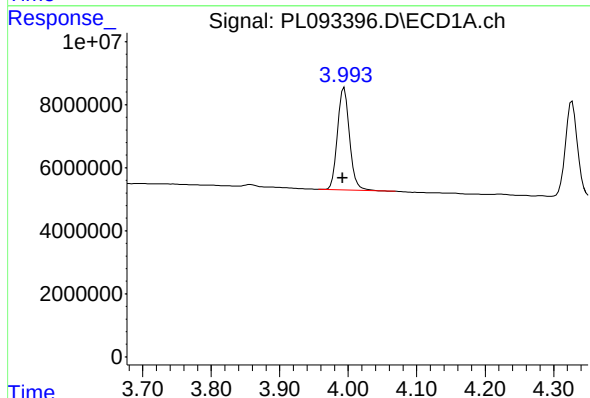
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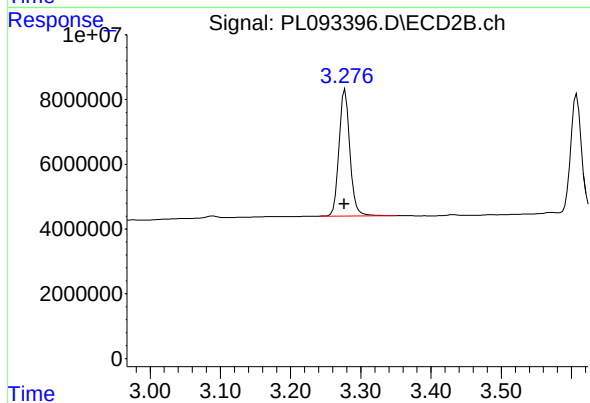
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.001 min
Response: 59671763
Conc: 20.69 ng/ml



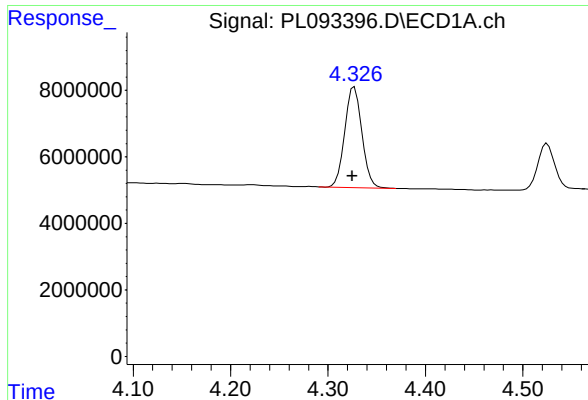
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 39601527
Conc: 11.10 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.001 min
Response: 42162785
Conc: 9.88 ng/ml



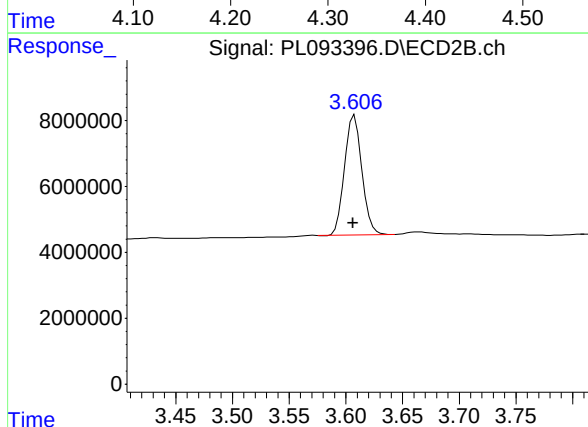
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.002 min
Response: 36867280
Conc: 10.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

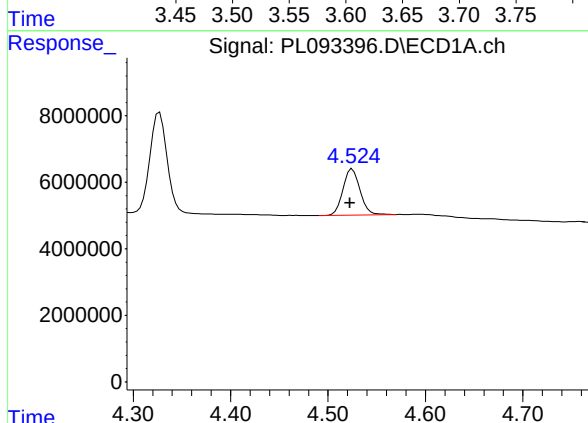
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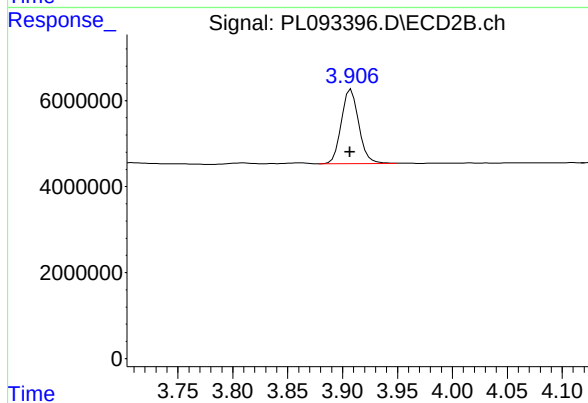
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.001 min
Response: 38579896
Conc: 9.32 ng/ml



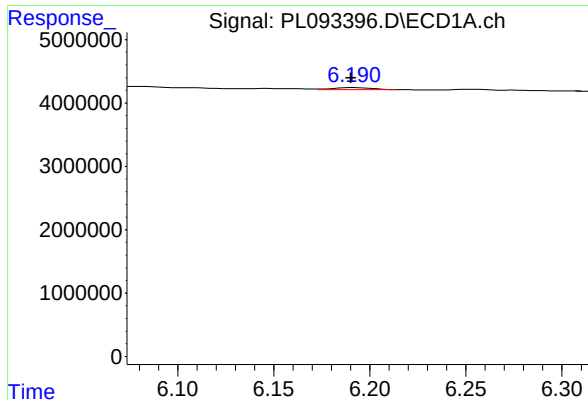
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 17001363
Conc: 11.26 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.001 min
Response: 19208908
Conc: 10.80 ng/ml



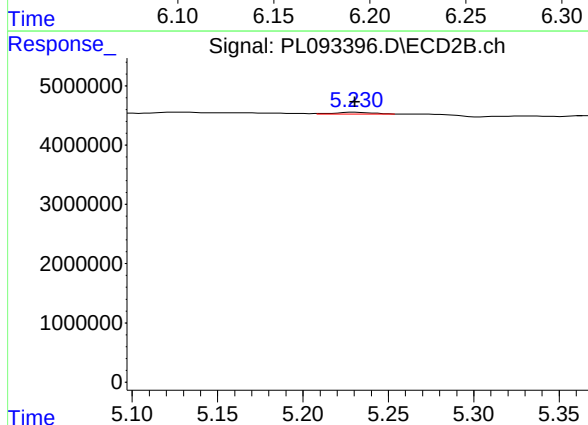
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 480537
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

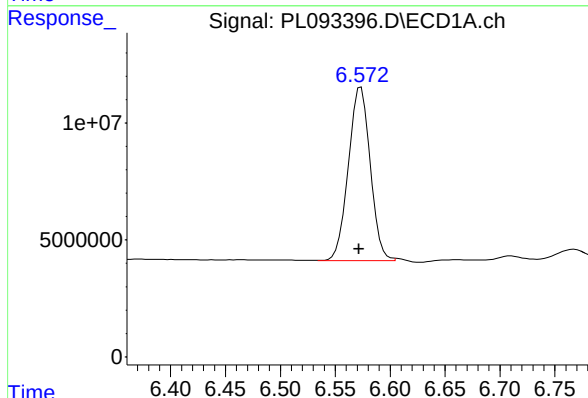
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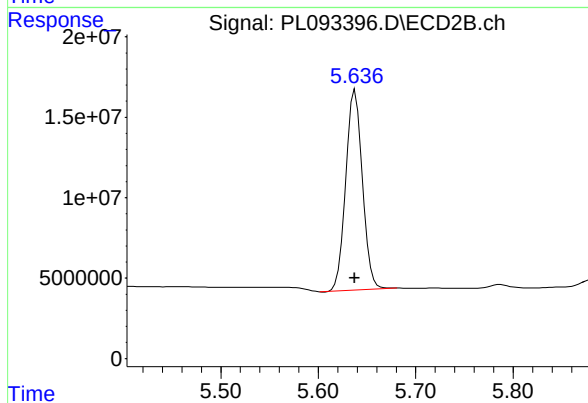
#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 498622
Conc: 0.14 ng/ml m



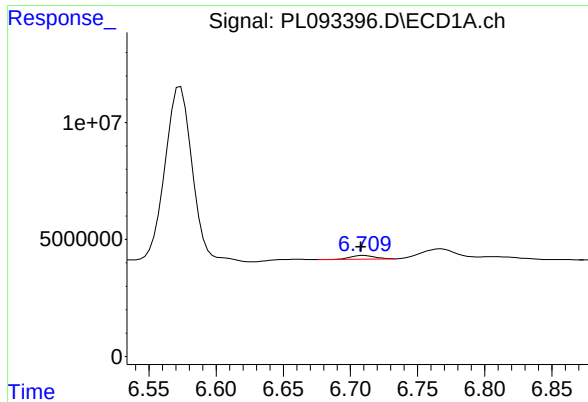
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 102866792
Conc: 49.04 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 147573562
Conc: 46.27 ng/ml



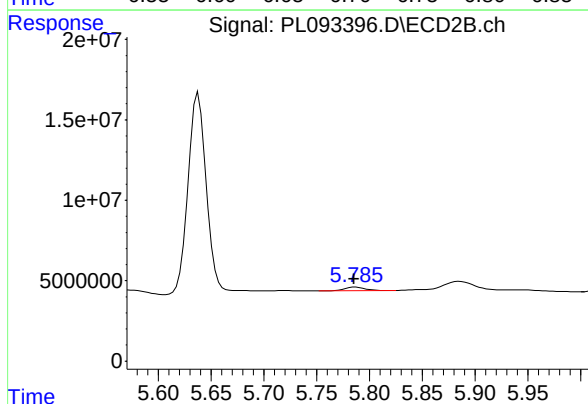
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.002 min
Response: 1842113
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

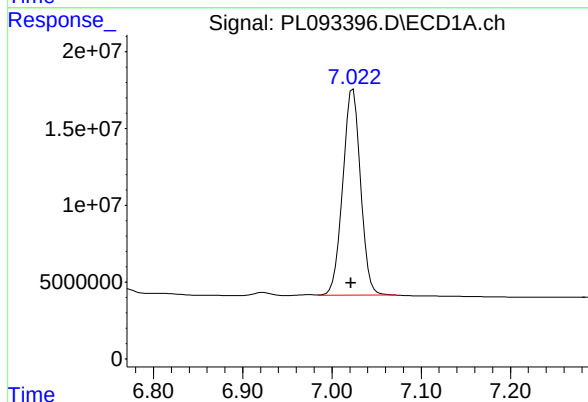
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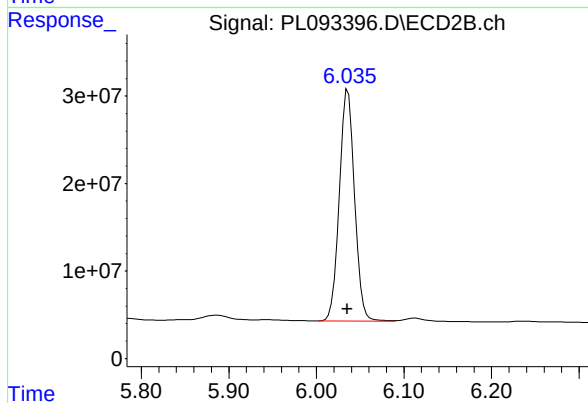
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.001 min
Response: 2929029
Conc: 1.04 ng/ml



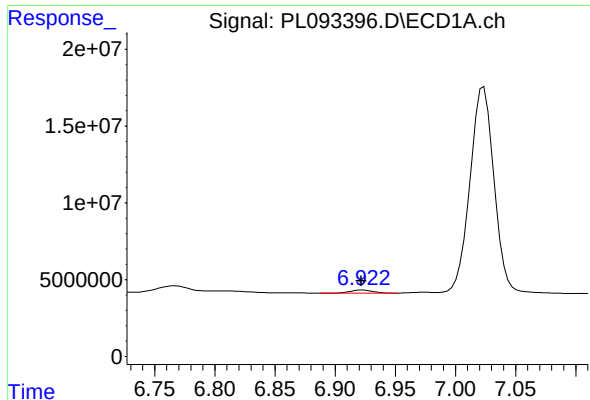
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 186352666
Conc: 96.66 ng/ml



#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 320579576
Conc: 108.24 ng/ml



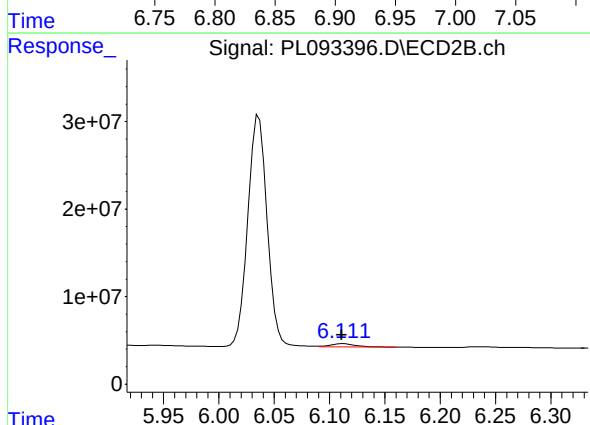
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.001 min
Response: 2567328
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

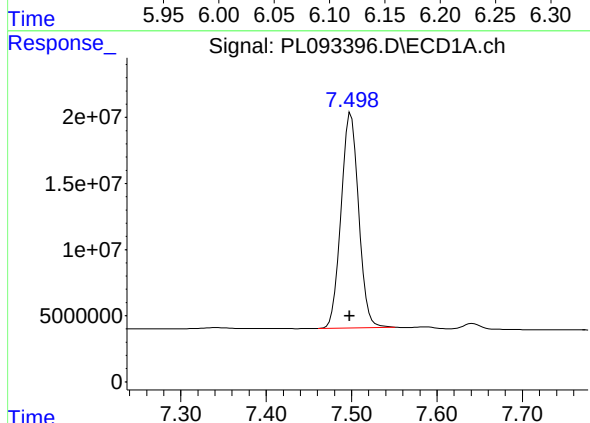
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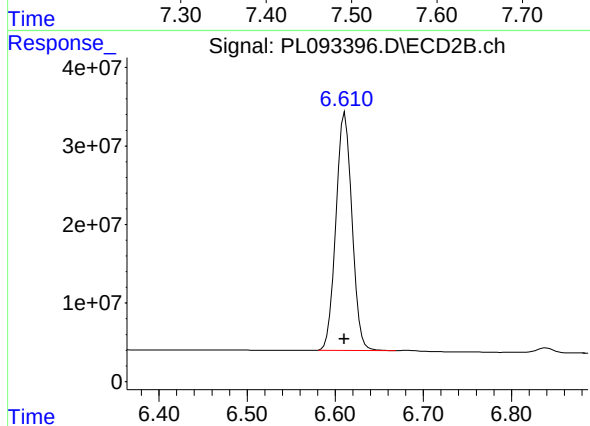
#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 5728810
Conc: 2.18 ng/ml



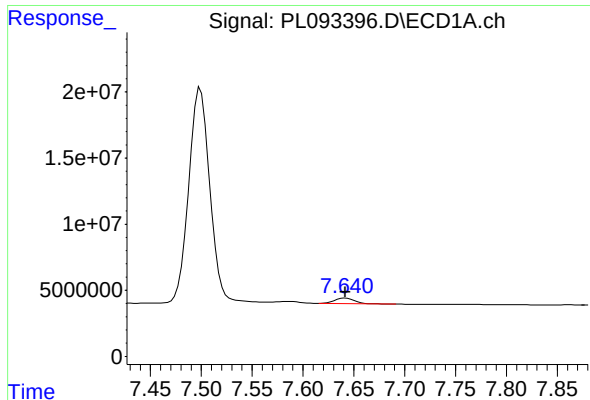
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 232228719
Conc: 222.25 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 383828807
Conc: 251.37 ng/ml



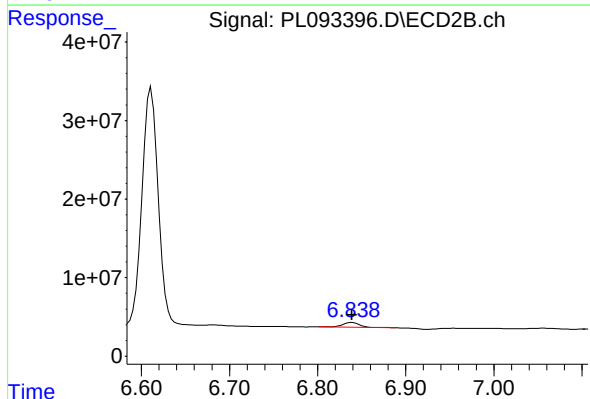
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 5446385
Conc: 2.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

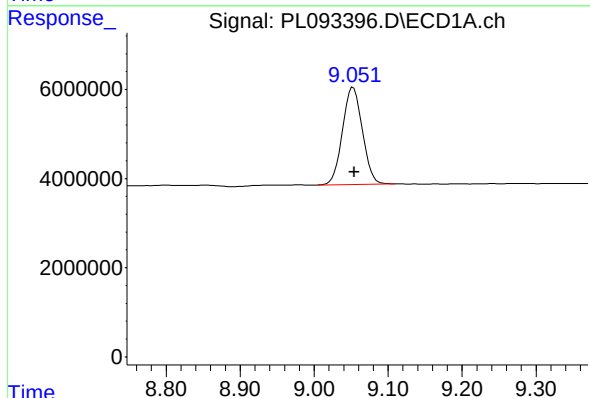
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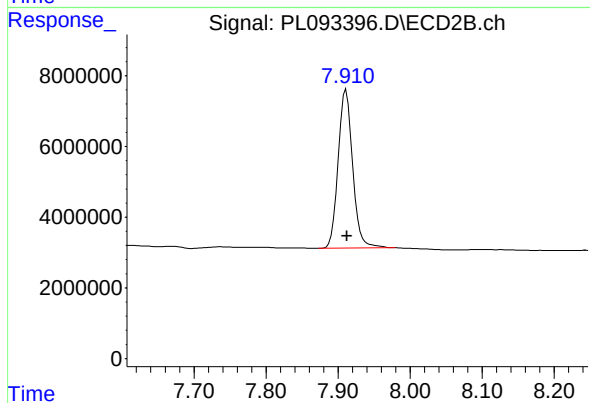
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 8338445
Conc: 2.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.001 min
Response: 40716092
Conc: 23.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.001 min
Response: 62473469
Conc: 21.87 ng/ml