

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111424\
 Data File : PL093054.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2024 09:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :Ankita Jodhani 11/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 23:34:08 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...	3.540	2.777	59732901	66020517	24.378	24.262
28)	SA Decachlor...	9.056	7.915	42398542	63595531	22.030	23.302
Target Compounds							
2)	A alpha-BHC	3.996	3.280	41406539	46884636	12.209	11.750
3)	MA gamma-BHC...	4.328	3.610	39039151	43630100	11.977	11.305
6)	B beta-BHC	4.526	3.910	18544329	21400440	12.829	13.000
12)	B 4,4'-DDE	6.189	5.234	398351	491200	0.168m	0.152m
14)	MA Endrin	6.575	5.641	104.0E6	168.7E6	45.671	58.326 #
16)	A 4,4'-DDD	6.710	5.787	7229729	8371290	3.766	3.362m
17)	MA 4,4'-DDT	7.024	6.039	201.1E6	334.3E6	97.178	124.644 #
18)	B Endrin al...	6.925	6.114	4362484	4871165	2.323	2.111m
20)	A Methoxychlor	7.501	6.614	256.6E6	397.4E6	225.113	278.268
21)	B Endrin ke...	7.644	6.841	8656388	13318041	3.573	4.340m

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

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Acq On : 14 Nov 2024 09:39
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

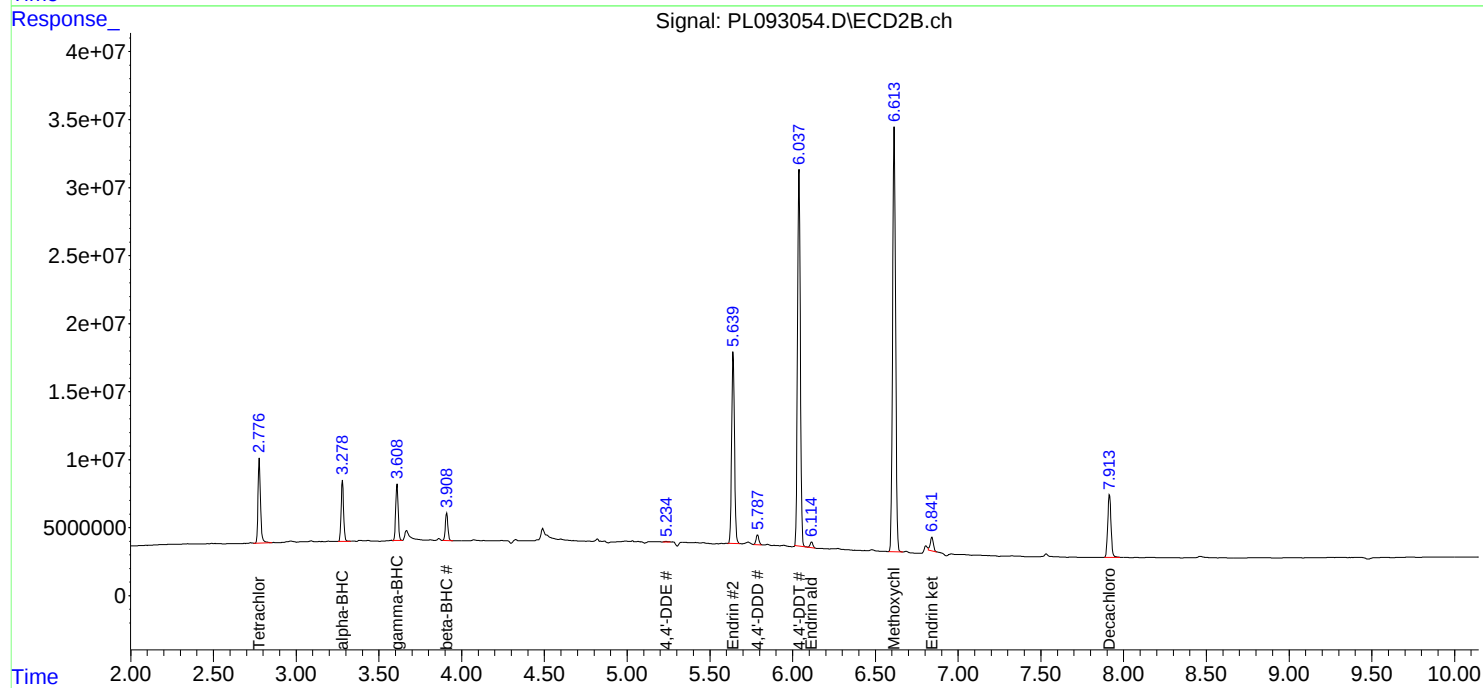
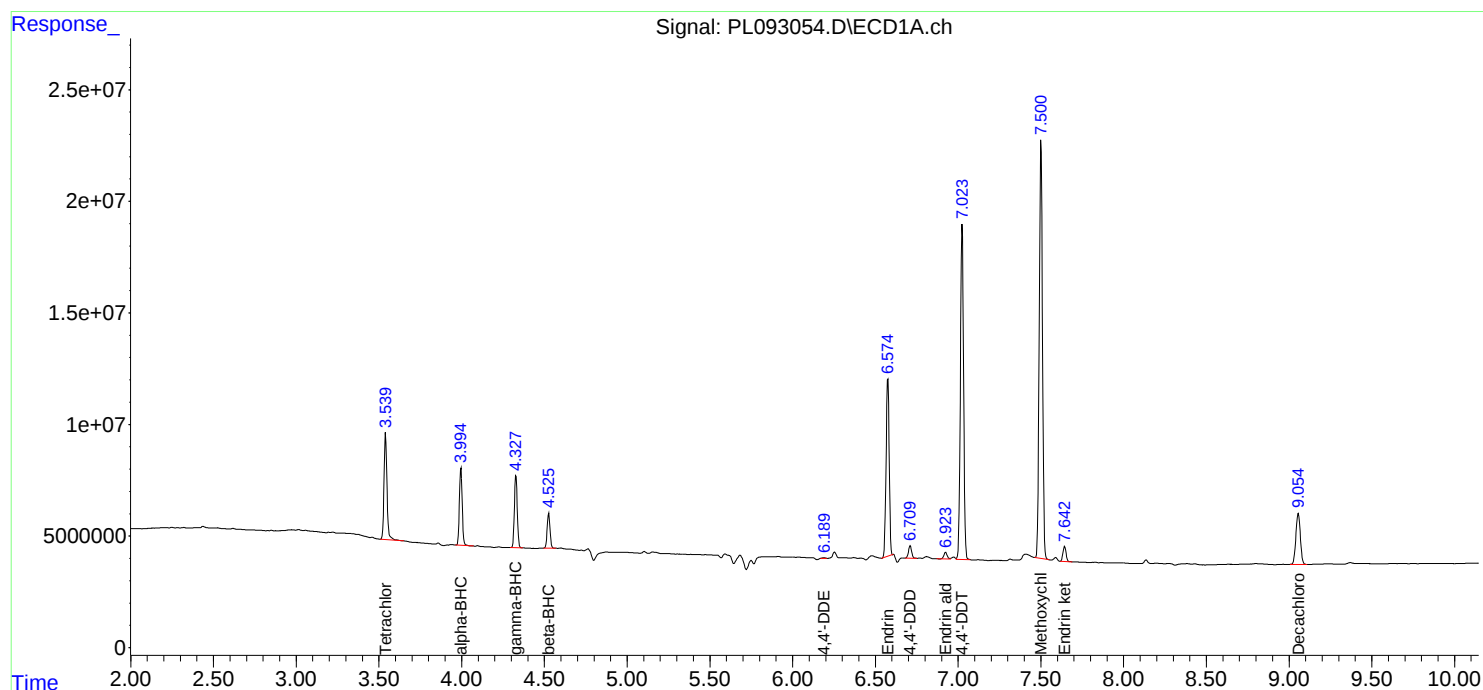
Instrument :
ECD_L
ClientSampleId :
PEM

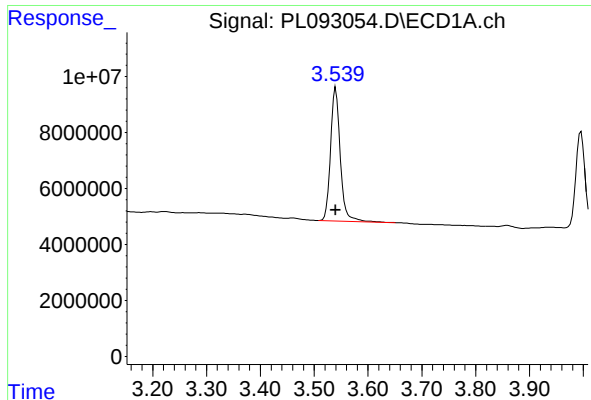
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Integration File signal 1: autoint1.e
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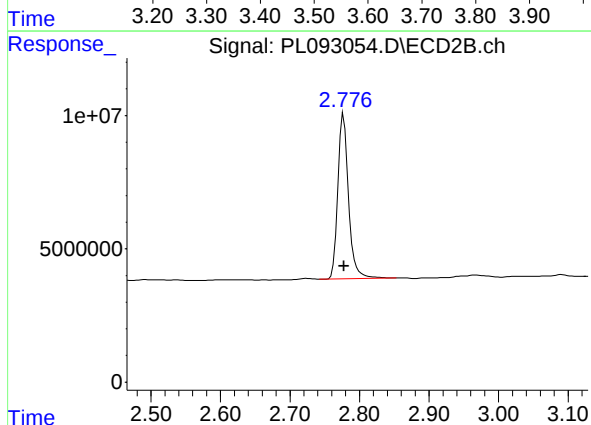
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 59732901
Conc: 24.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

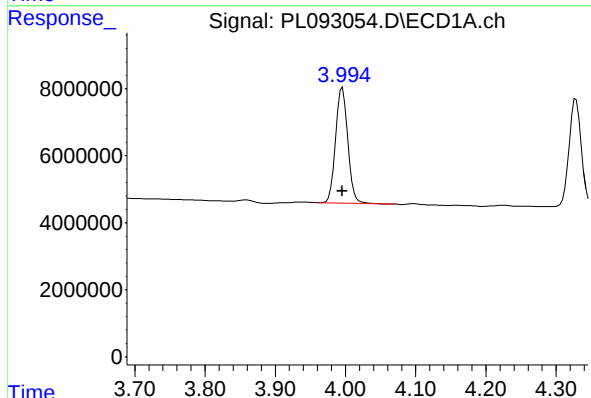
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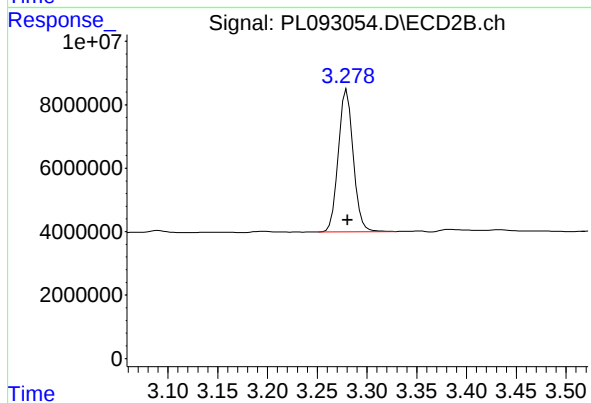
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 66020517
Conc: 24.26 ng/ml



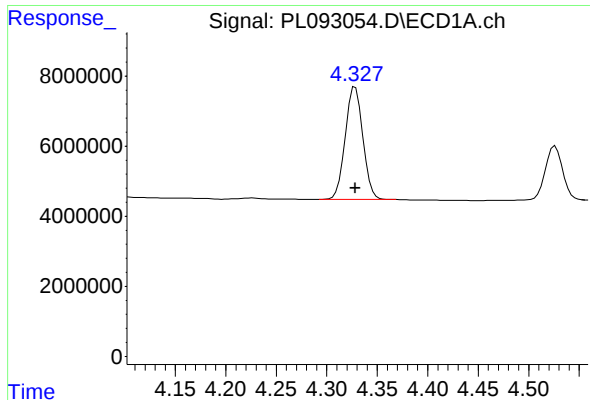
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 41406539
Conc: 12.21 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 46884636
Conc: 11.75 ng/ml



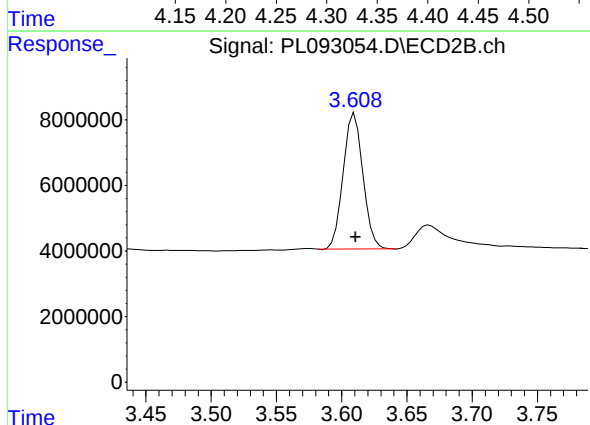
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 39039151
Conc: 11.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

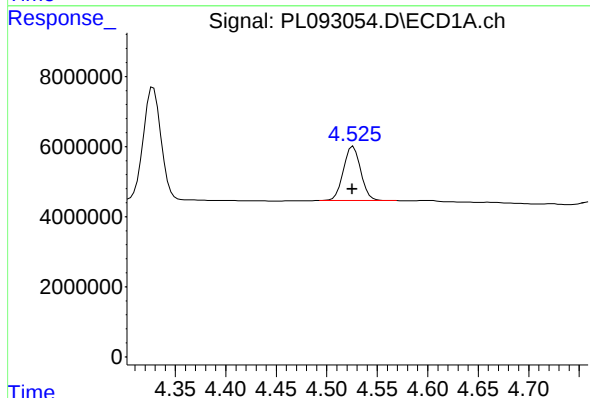
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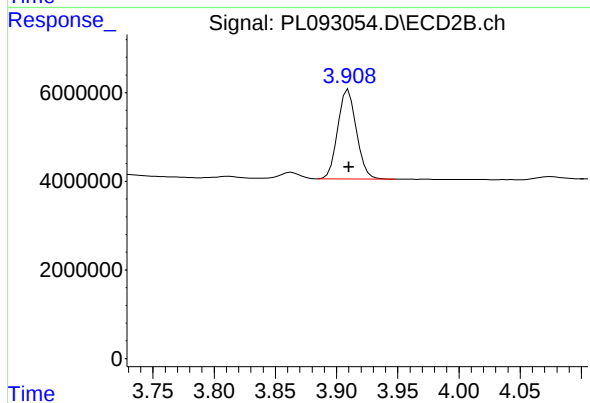
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: 0.000 min
Response: 43630100
Conc: 11.30 ng/ml



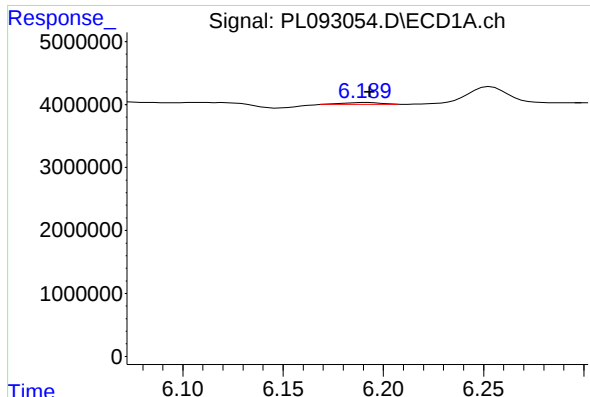
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 18544329
Conc: 12.83 ng/ml



#6 beta-BHC

R.T.: 3.910 min
Delta R.T.: 0.000 min
Response: 21400440
Conc: 13.00 ng/ml



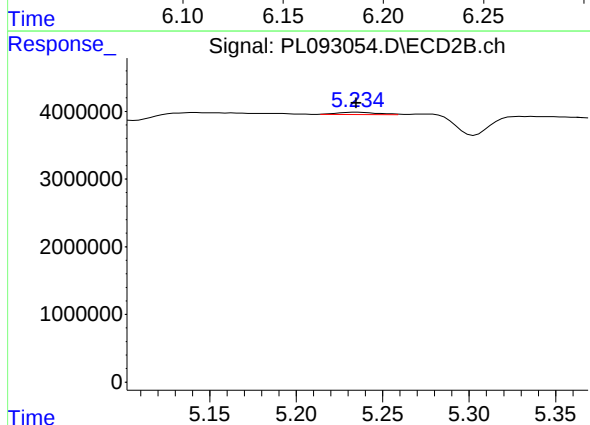
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 398351
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

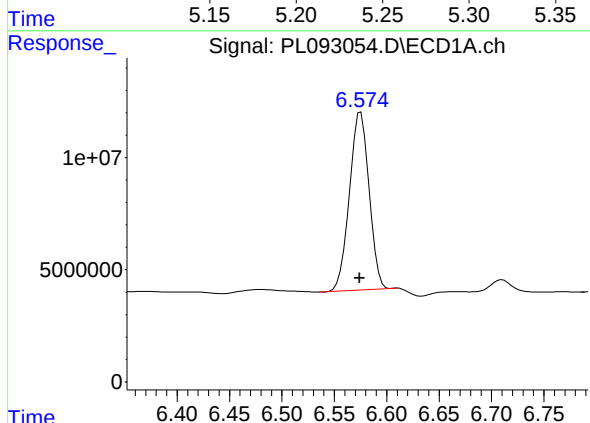
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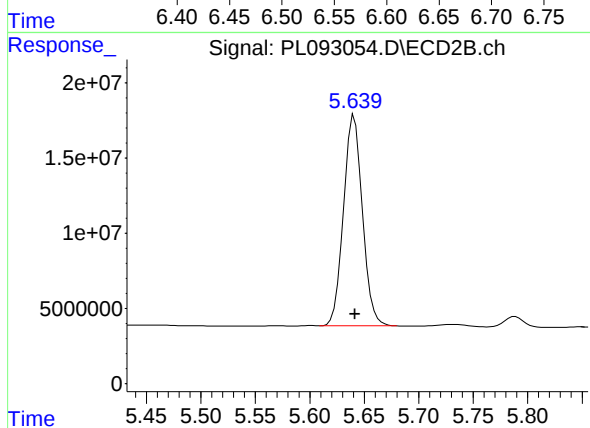
#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 491200
Conc: 0.15 ng/ml



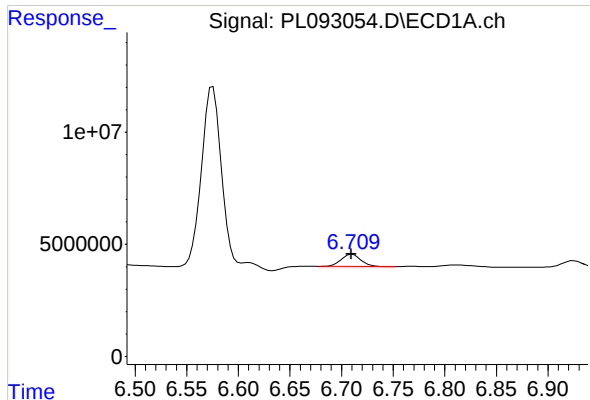
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.001 min
Response: 103976469
Conc: 45.67 ng/ml



#14 Endrin

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 168737760
Conc: 58.33 ng/ml



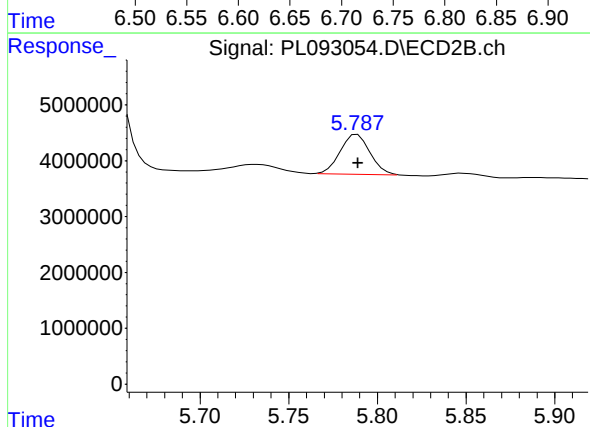
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 7229729
Conc: 3.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

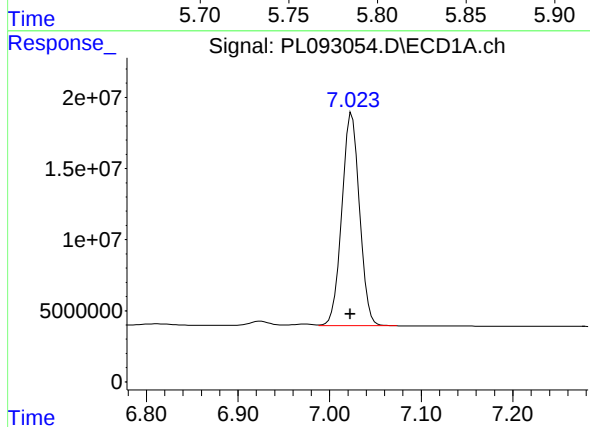
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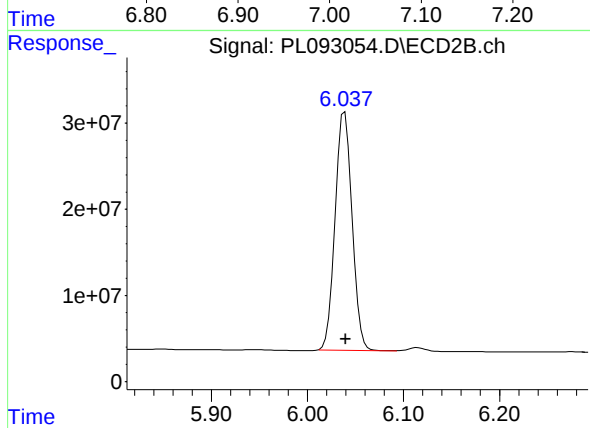
#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 8371290
Conc: 3.36 ng/ml m



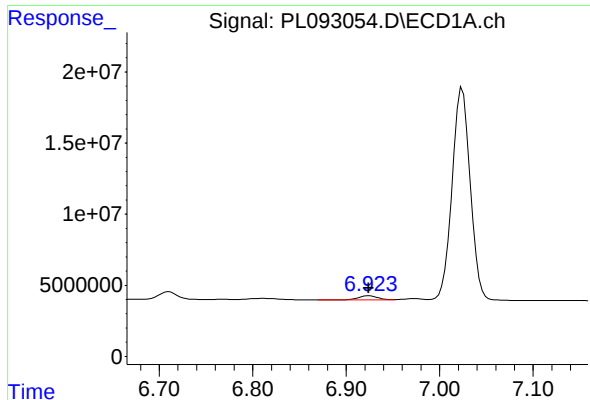
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.001 min
Response: 201133985
Conc: 97.18 ng/ml



#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: -0.001 min
Response: 334327059
Conc: 124.64 ng/ml



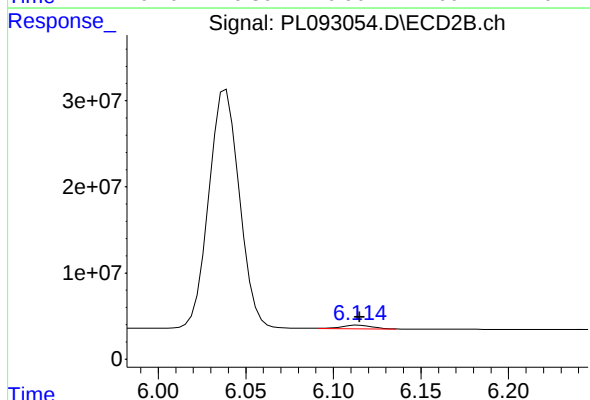
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 4362484
Conc: 2.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

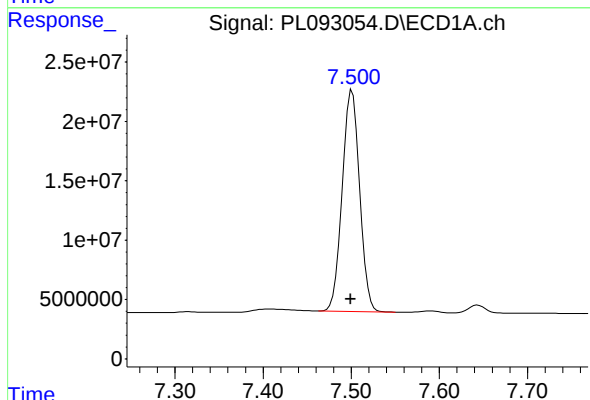
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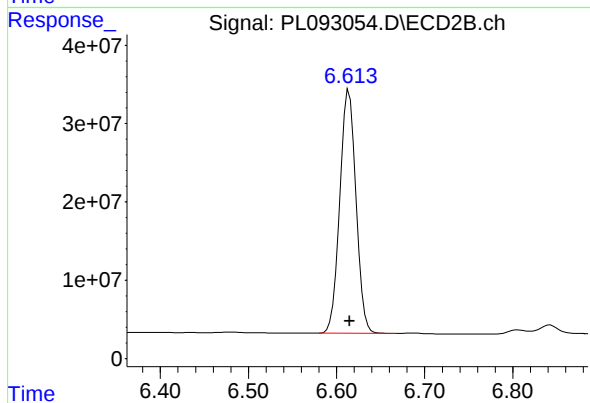
#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: -0.002 min
Response: 4871165
Conc: 2.11 ng/ml m



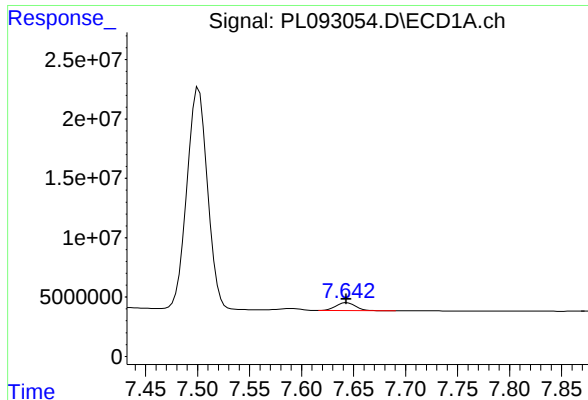
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.002 min
Response: 256629033
Conc: 225.11 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 397374986
Conc: 278.27 ng/ml



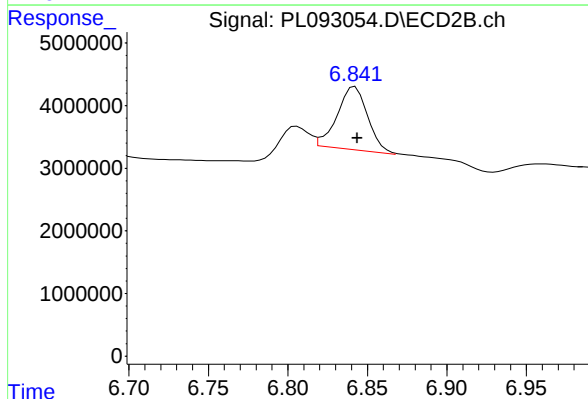
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 8656388
Conc: 3.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

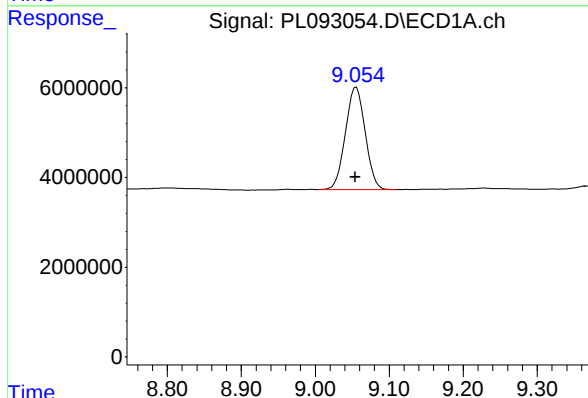
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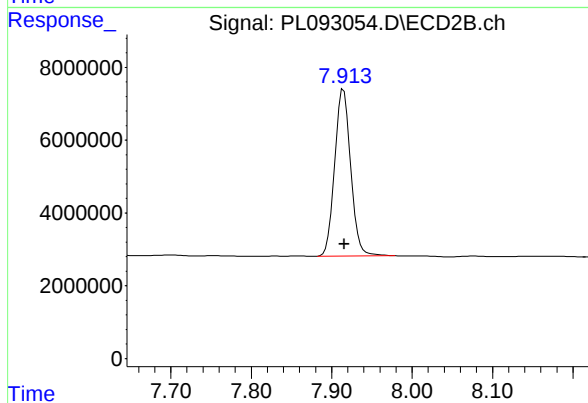
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.003 min
Response: 13318041
Conc: 4.34 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 42398542
Conc: 22.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: -0.001 min
Response: 63595531
Conc: 23.30 ng/ml