

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010825\
 Data File : PL093596.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jan 2025 09:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/09/2025
 Supervised By :Ankita Jodhani 01/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 00:13:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 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	2.775	55060846	63776171	22.241	21.907
2)	SA Decachlor...	9.056	7.911	42224034	67386878	22.836	22.568
Target Compounds							
2)	A alpha-BHC	3.993	3.277	40404531	45548143	11.703	10.479
3)	MA gamma-BHC...	4.326	3.607	38482412	42686094	11.734	10.117
6)	B beta-BHC	4.525	3.907	17568474	21003052	12.187	11.685
12)	B 4,4'-DDE	6.190	5.230	314197	335539	0.140m	0.091m#
14)	MA Endrin	6.574	5.637	101.8E6	168.2E6	47.291	50.837
16)	A 4,4'-DDD	6.708	5.785	4328450	5706928	2.465m	2.016
17)	MA 4,4'-DDT	7.024	6.035	187.2E6	352.5E6	101.260	116.726
18)	B Endrin al...	6.924	6.111	4293506	6881936	2.420	2.555
20)	A Methoxychlor	7.500	6.610	232.3E6	412.7E6	232.330	256.379
21)	B Endrin ke...	7.643	6.839	7820758	13174692	3.485	3.619

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

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

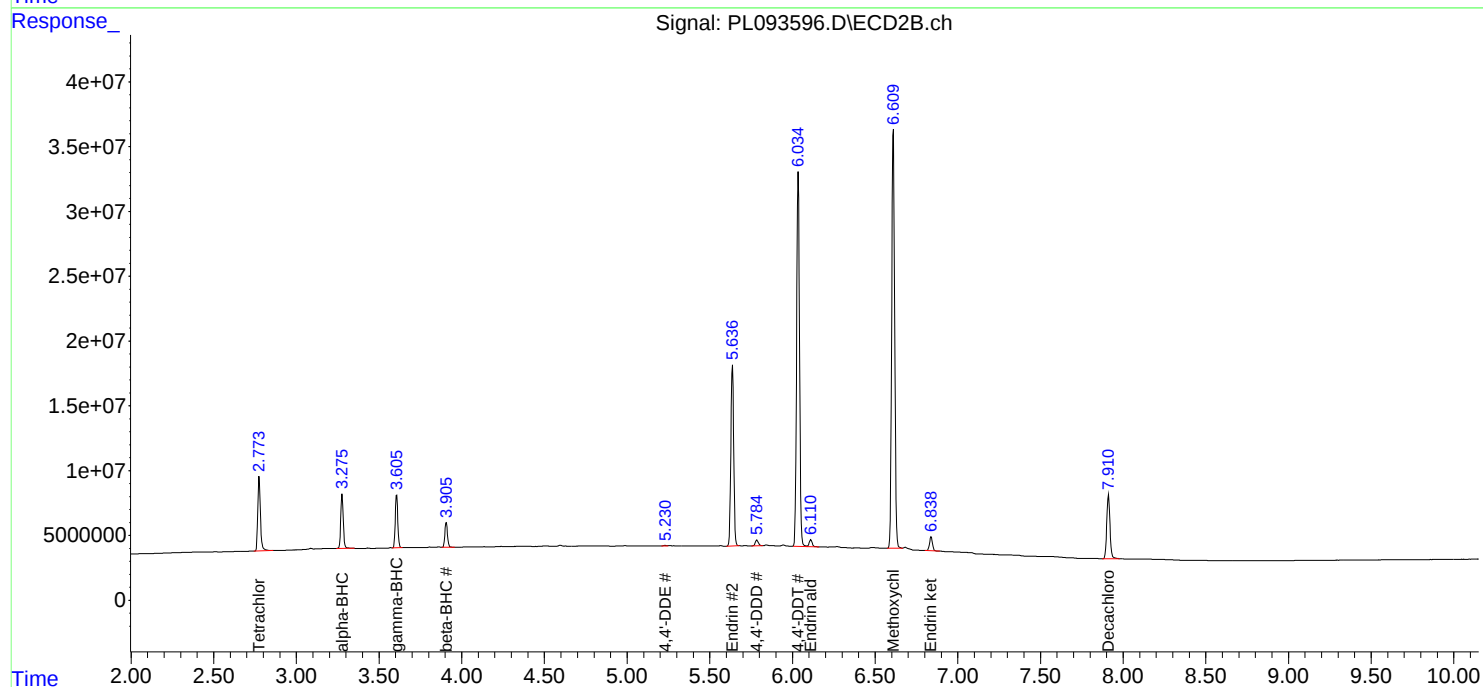
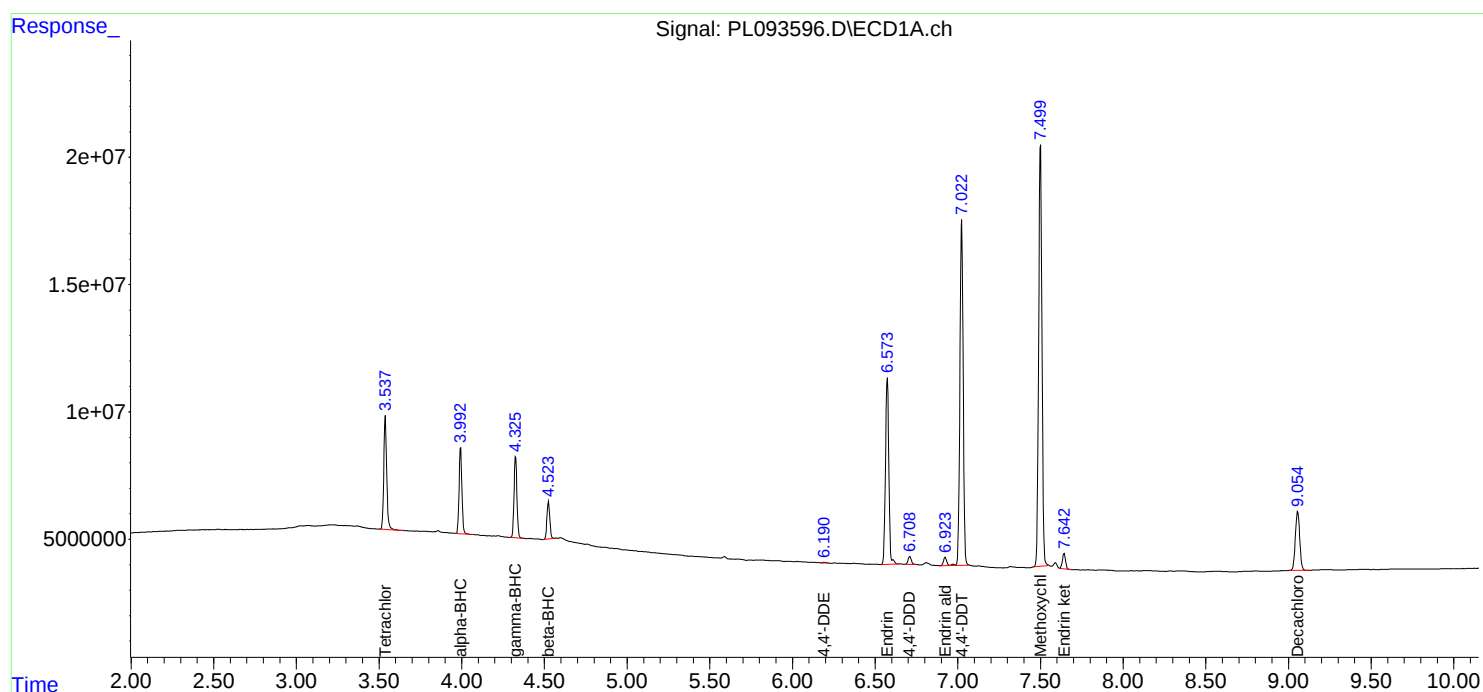
Instrument :
ECD_L
ClientSampleId :
PEM

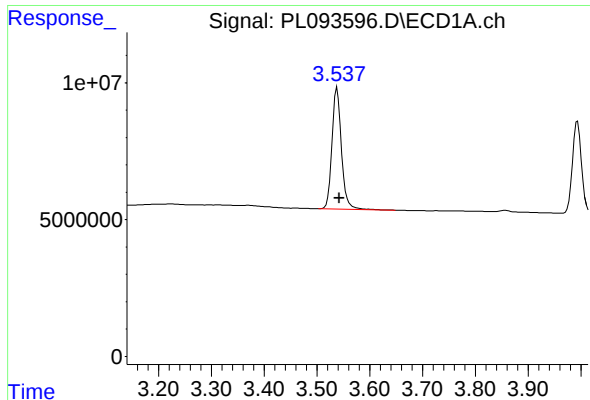
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





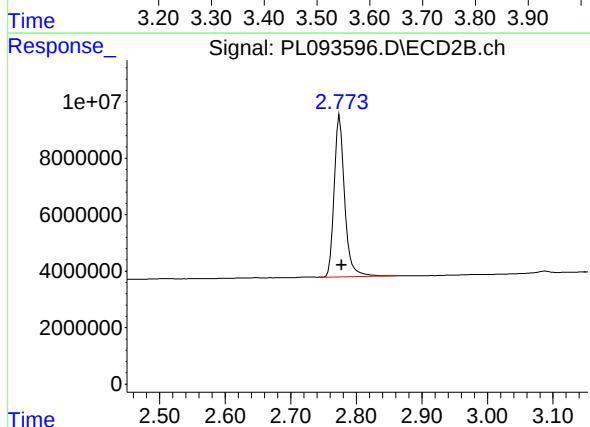
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.004 min
Response: 55060846
Conc: 22.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

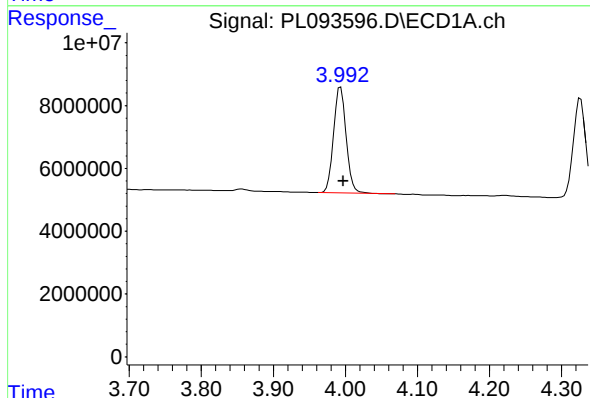
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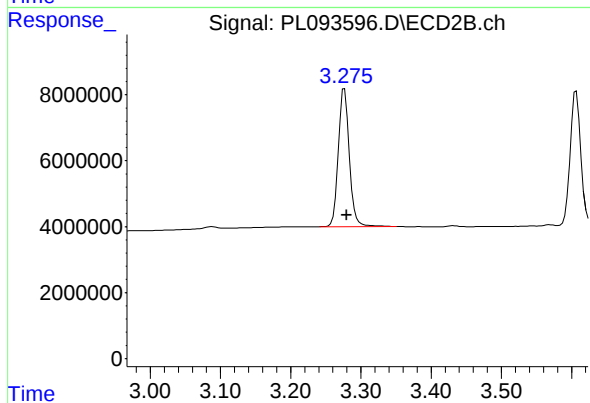
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 63776171
Conc: 21.91 ng/ml



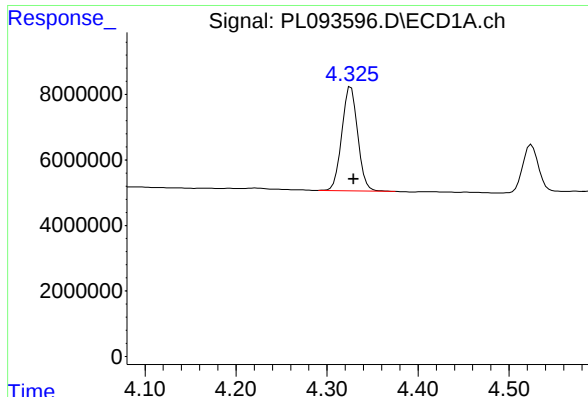
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 40404531
Conc: 11.70 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 45548143
Conc: 10.48 ng/ml



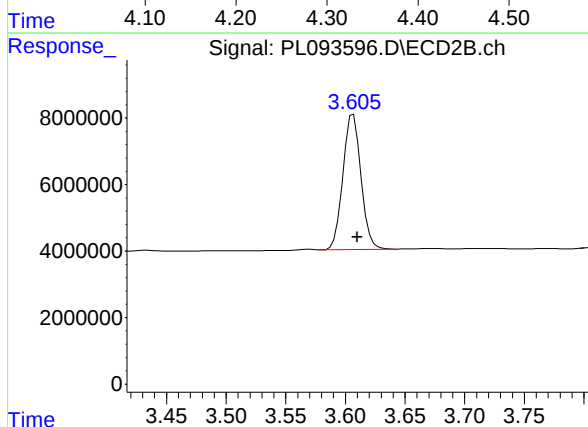
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.003 min
Response: 38482412
Conc: 11.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

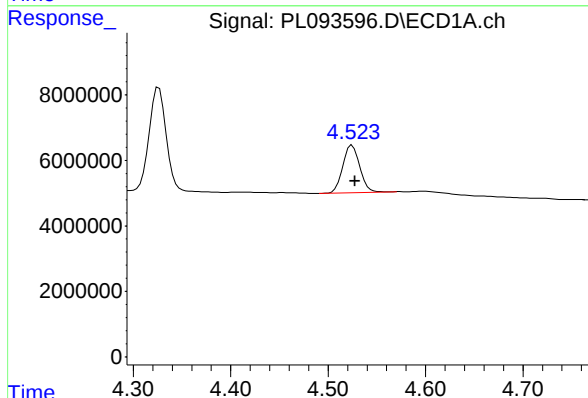
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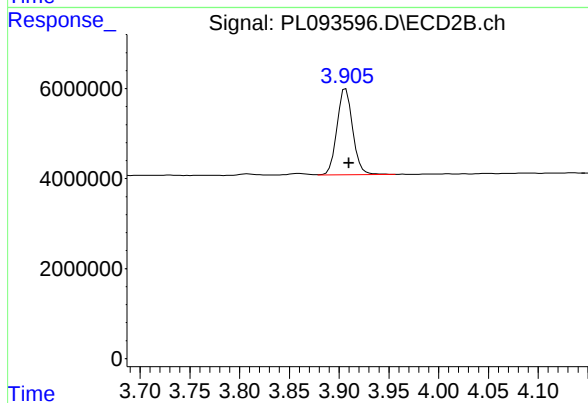
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 42686094
Conc: 10.12 ng/ml



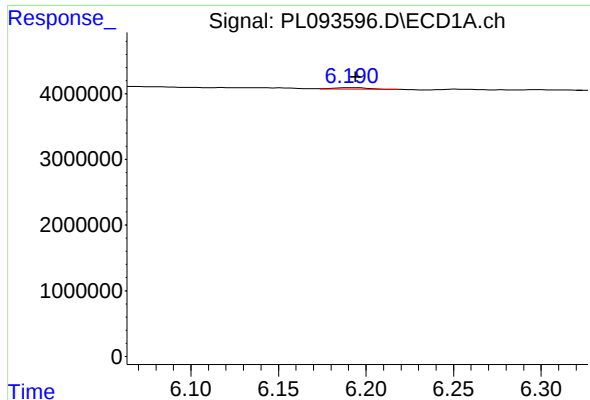
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 17568474
Conc: 12.19 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 21003052
Conc: 11.68 ng/ml



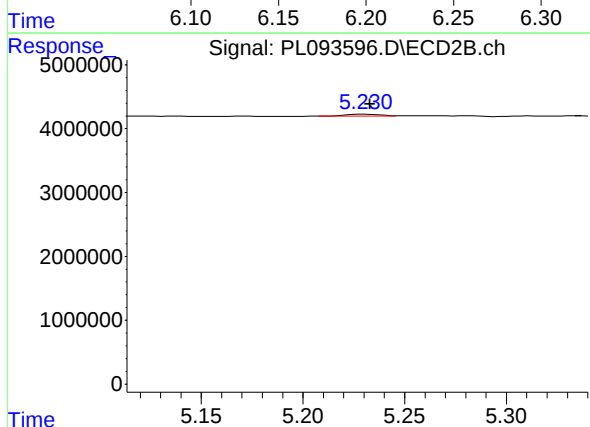
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.004 min
Response: 314197
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

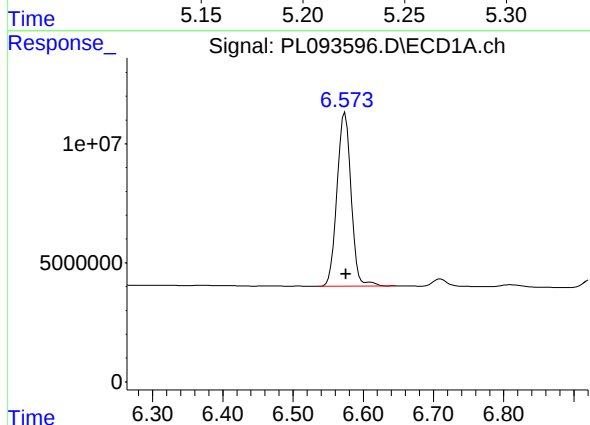
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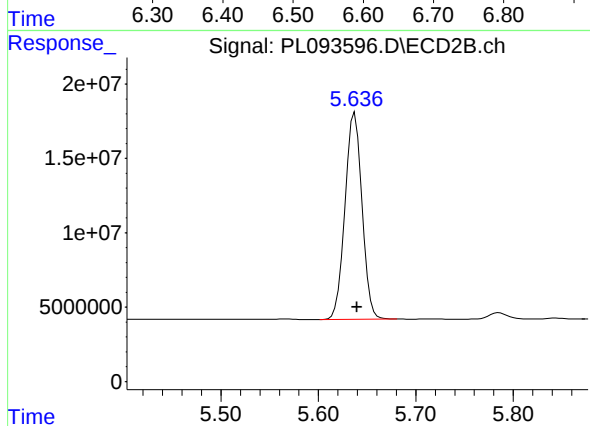
#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.003 min
Response: 335539
Conc: 0.09 ng/ml



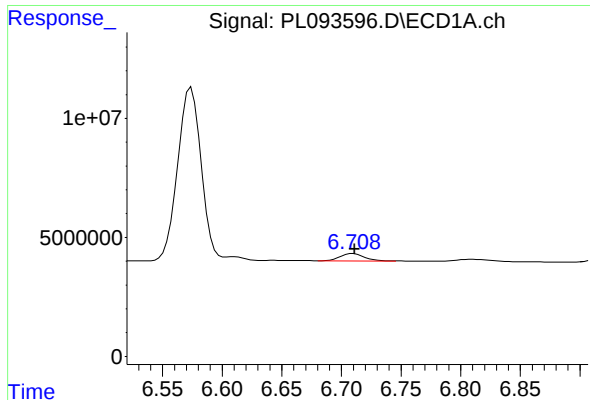
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 101790878
Conc: 47.29 ng/ml



#14 Endrin

R.T.: 5.637 min
Delta R.T.: -0.002 min
Response: 168186624
Conc: 50.84 ng/ml



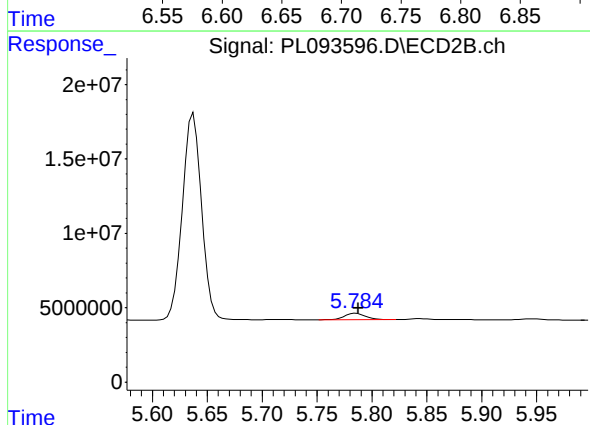
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 4328450
Conc: 2.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

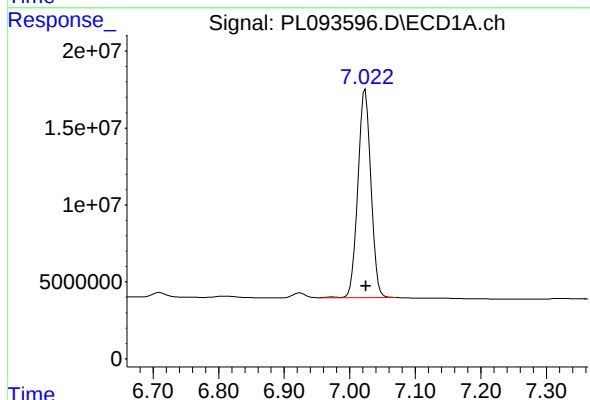
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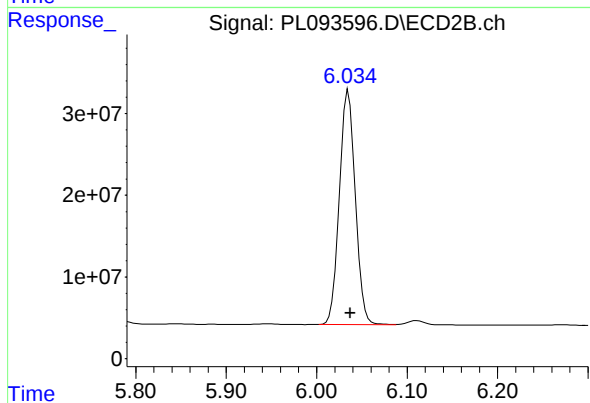
#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.003 min
Response: 5706928
Conc: 2.02 ng/ml



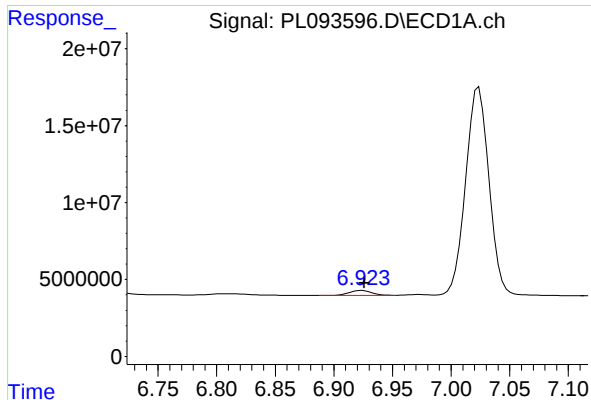
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: -0.001 min
Response: 187182085
Conc: 101.26 ng/ml



#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 352546214
Conc: 116.73 ng/ml



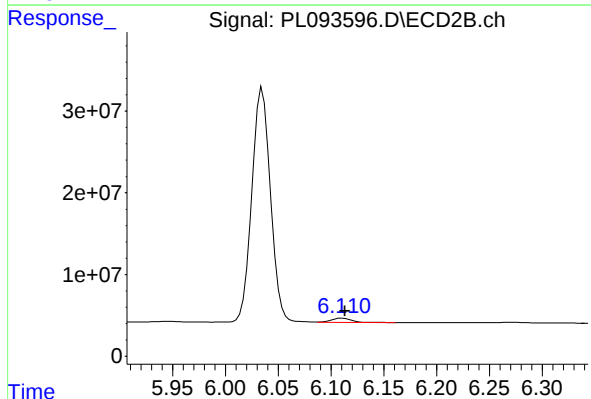
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 4293506
Conc: 2.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

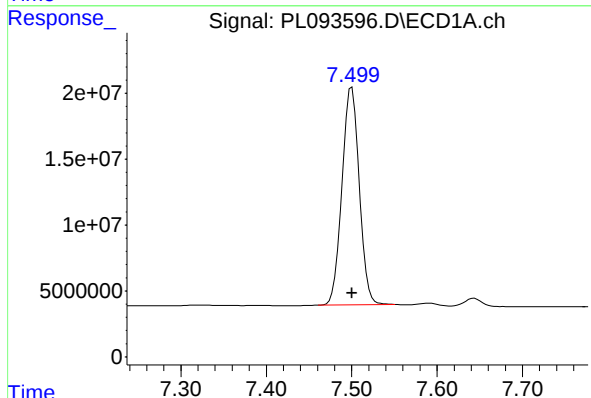
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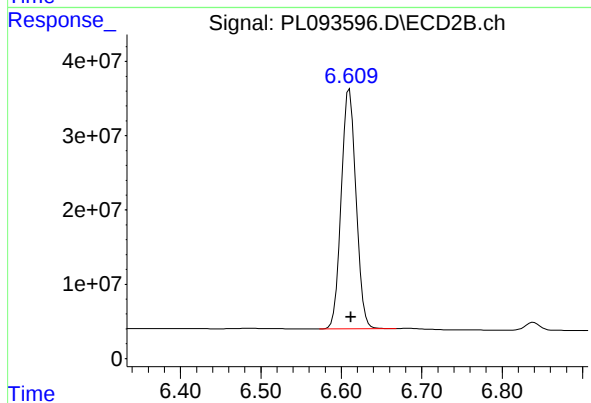
#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 6881936
Conc: 2.56 ng/ml



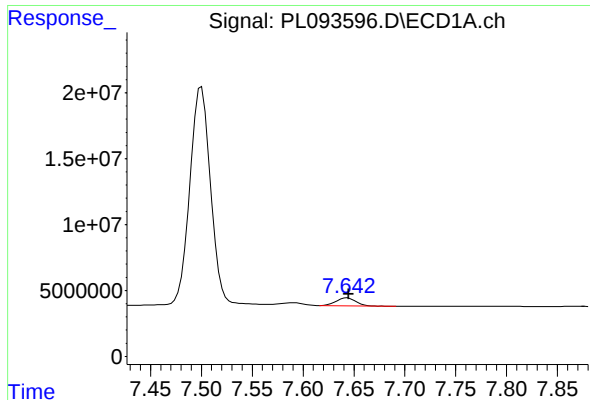
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 232255378
Conc: 232.33 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 412677170
Conc: 256.38 ng/ml



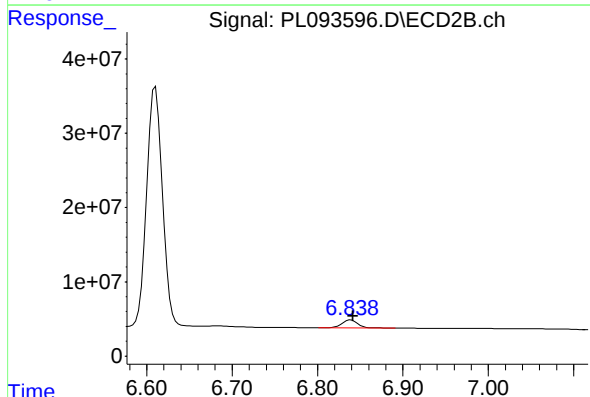
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.001 min
Response: 7820758
Conc: 3.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

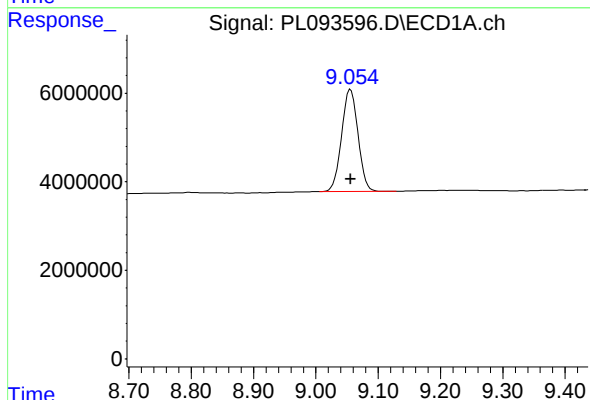
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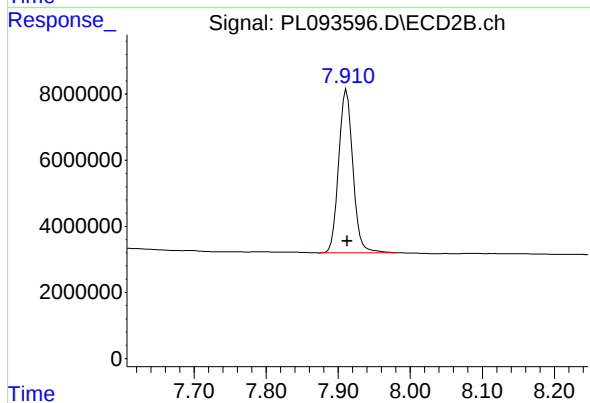
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.003 min
Response: 13174692
Conc: 3.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 42224034
Conc: 22.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.000 min
Response: 67386878
Conc: 22.57 ng/ml