

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012925\
 Data File : PL093865.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2025 19:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/30/2025
 Supervised By : Ankita Jodhani 01/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 00:30:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 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	2.774	58992037	67636874	21.908	20.721
28)	SA Decachlor...	9.059	7.912	49107383	78193729	23.475	22.315
Target Compounds							
2)	A alpha-BHC	3.994	3.277	43813304	48523574	11.428	9.925
3)	MA gamma-BHC...	4.327	3.607	41753264	45190850	11.337	9.531
6)	B beta-BHC	4.526	3.908	19109392	22463488	11.889	11.246
12)	B 4,4'-DDE	6.188	5.232	376547	503741	0.155m	0.126
14)	MA Endrin	6.575	5.638	117.1E6	184.4E6	49.943	49.946
16)	A 4,4'-DDD	6.712	5.786	8175391	8344175	4.302	2.643 #
17)	MA 4,4'-DDT	7.026	6.036	211.5E6	379.0E6	107.228	116.468
18)	B Endrin al...	6.925	6.112	3900669	7921908	2.006	2.602 #
20)	A Methoxychlor	7.503	6.612	262.2E6	460.6E6	251.310	257.593
21)	B Endrin ke...	7.645	6.840	8334911	13291991	3.304	3.168

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

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Data File : PL093865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jan 2025 19:24
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 4 Sample Multiplier: 1

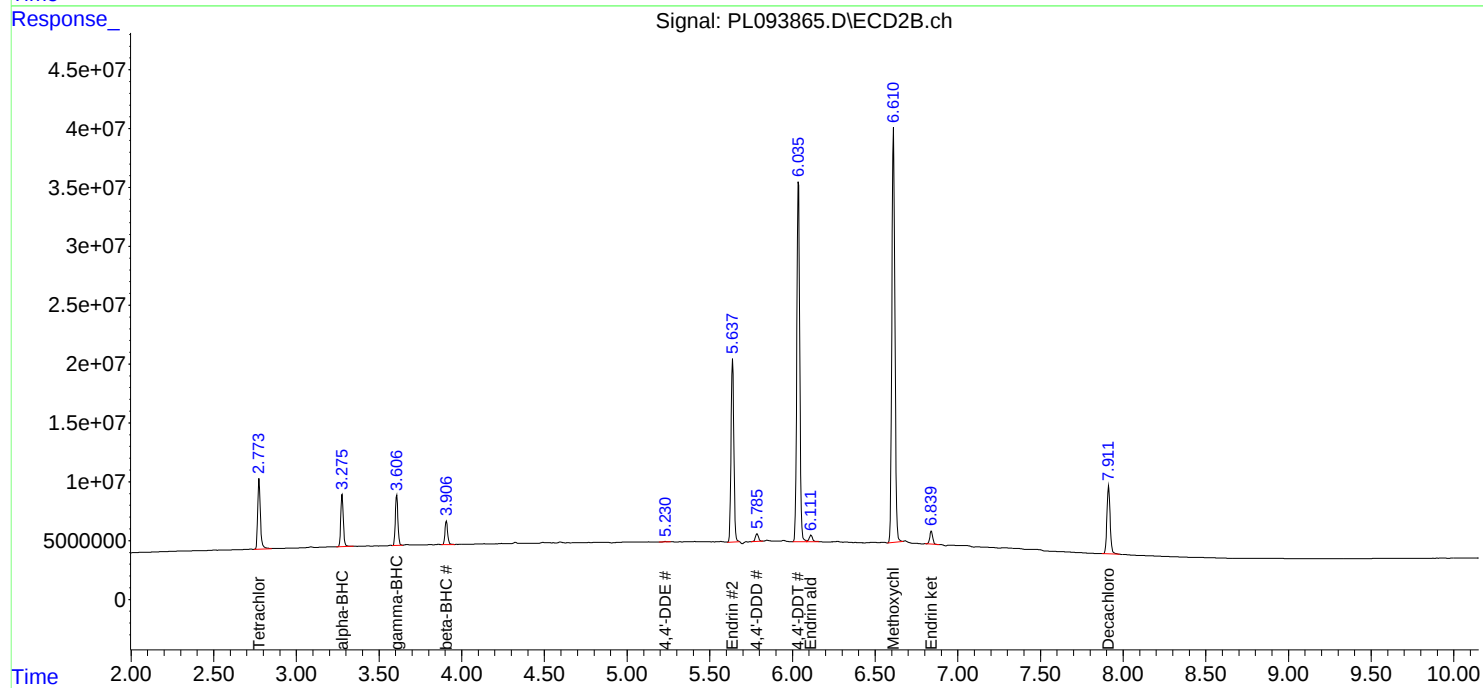
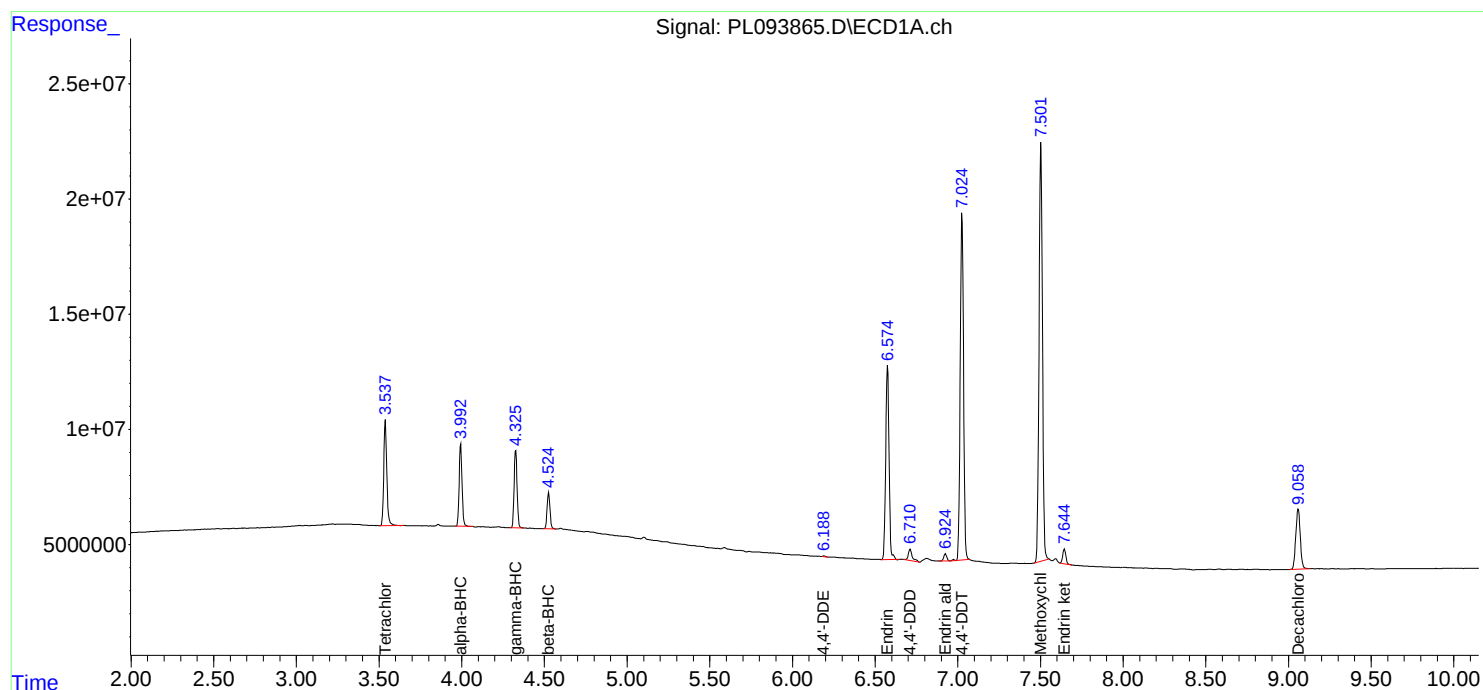
Instrument :
ECD_L
ClientSampleId :
PEM

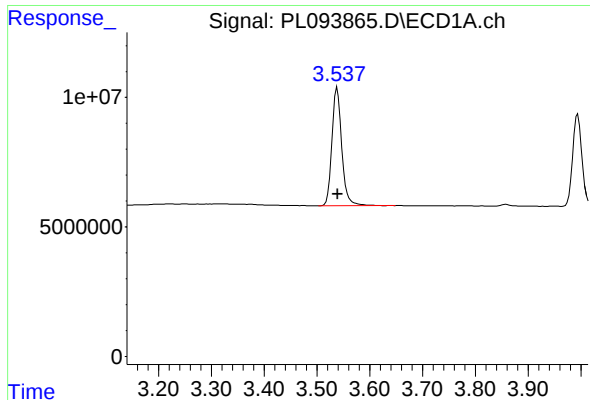
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 30 00:30:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response 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





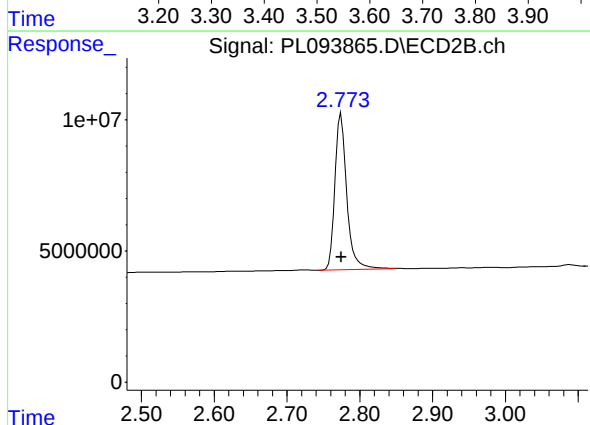
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 58992037
Conc: 21.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

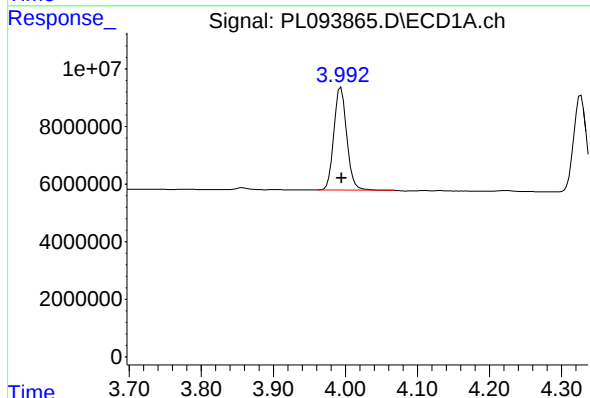
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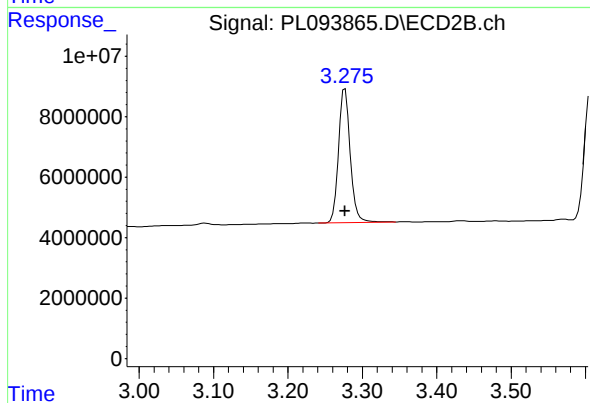
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 67636874
Conc: 20.72 ng/ml



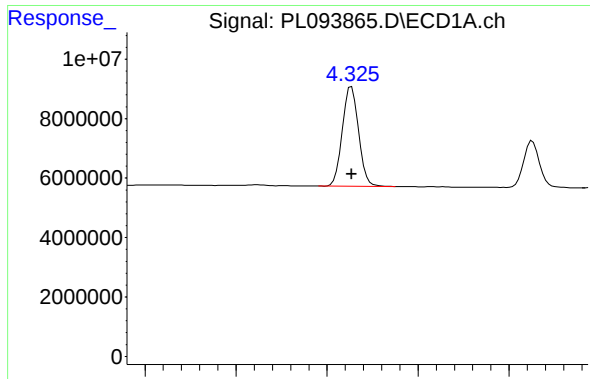
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 43813304
Conc: 11.43 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 48523574
Conc: 9.93 ng/ml



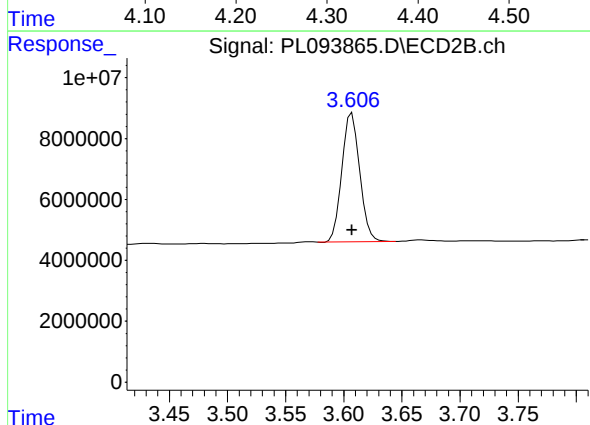
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 41753264
Conc: 11.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

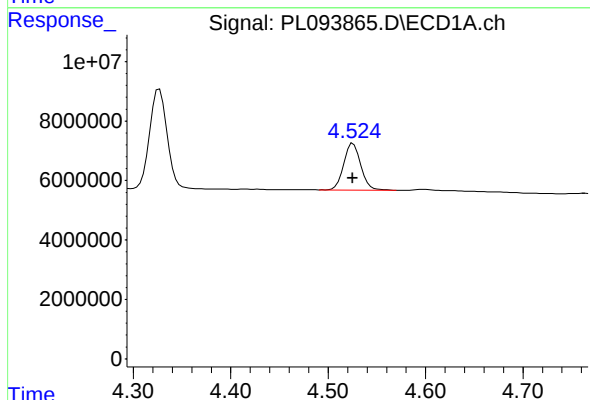
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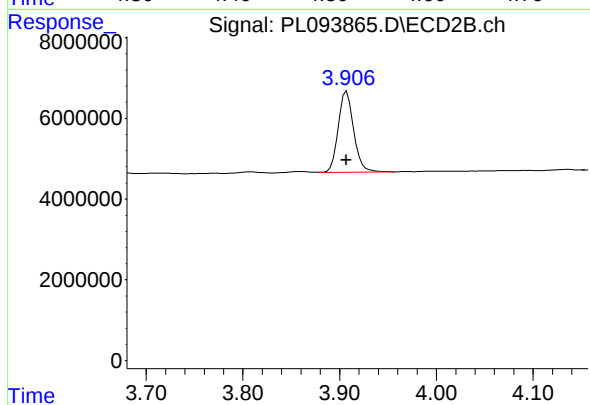
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 45190850
Conc: 9.53 ng/ml



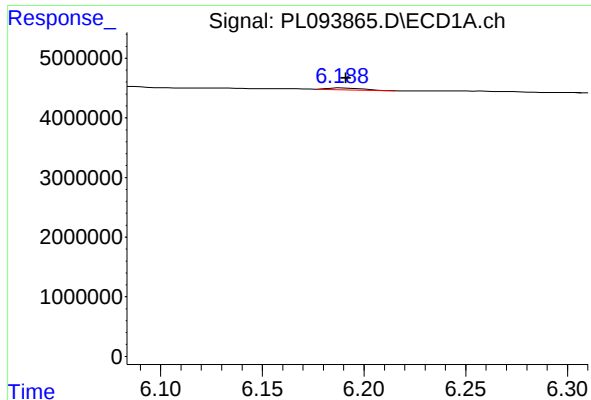
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 19109392
Conc: 11.89 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 22463488
Conc: 11.25 ng/ml



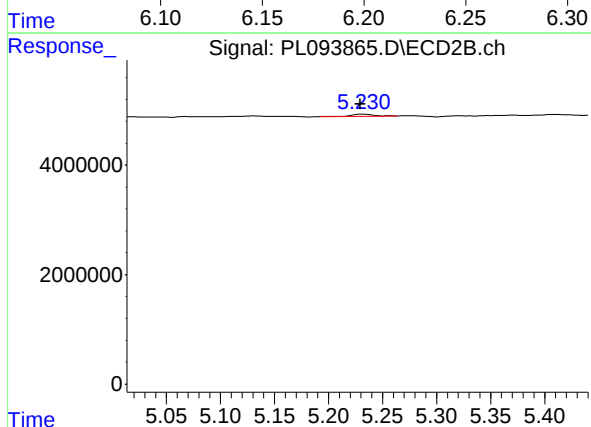
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.003 min
Response: 376547
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

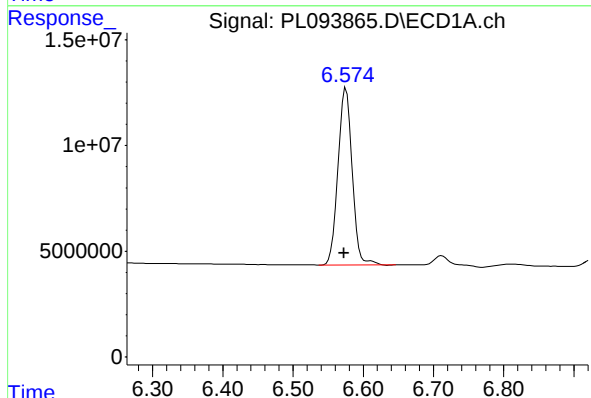
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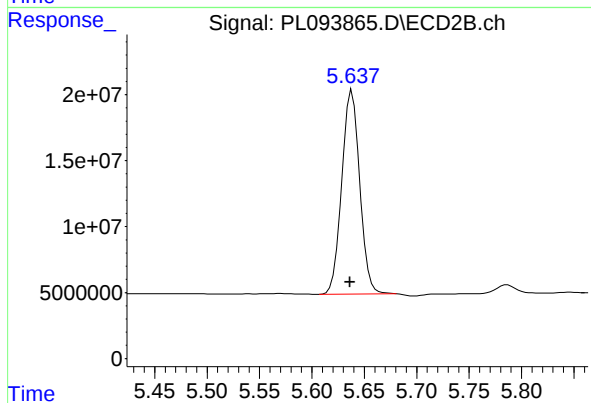
#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: 0.002 min
Response: 503741
Conc: 0.13 ng/ml



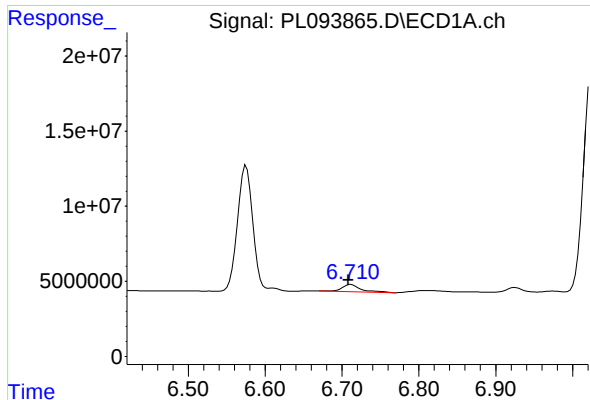
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.003 min
Response: 117106994
Conc: 49.94 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.002 min
Response: 184433371
Conc: 49.95 ng/ml



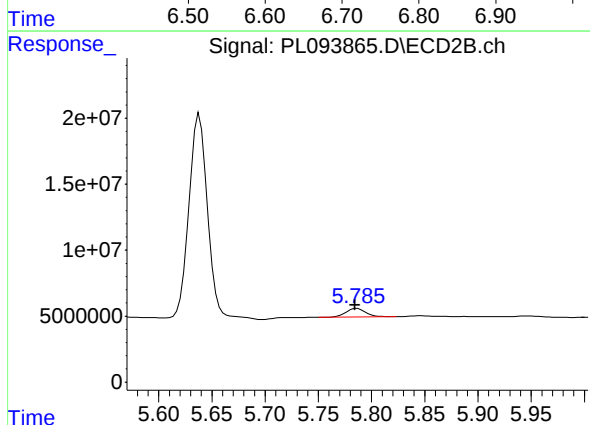
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.004 min
Response: 8175391
Conc: 4.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

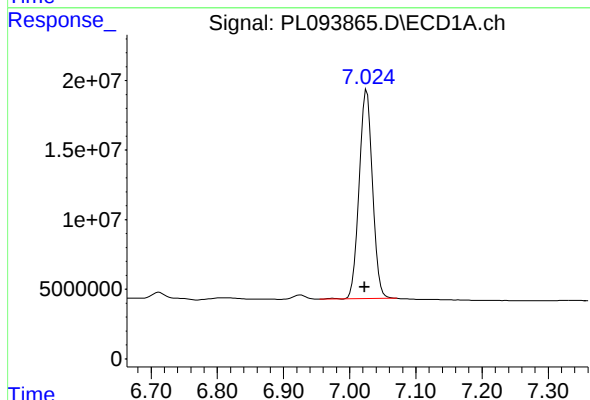
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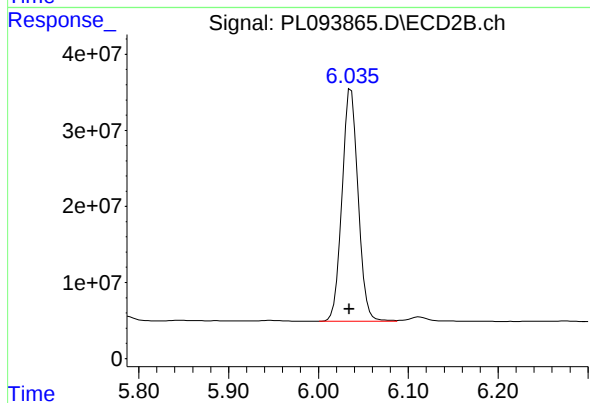
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 8344175
Conc: 2.64 ng/ml



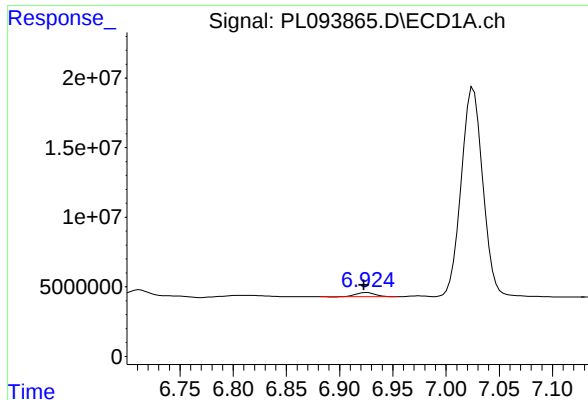
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 211459090
Conc: 107.23 ng/ml



#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.002 min
Response: 378992232
Conc: 116.47 ng/ml



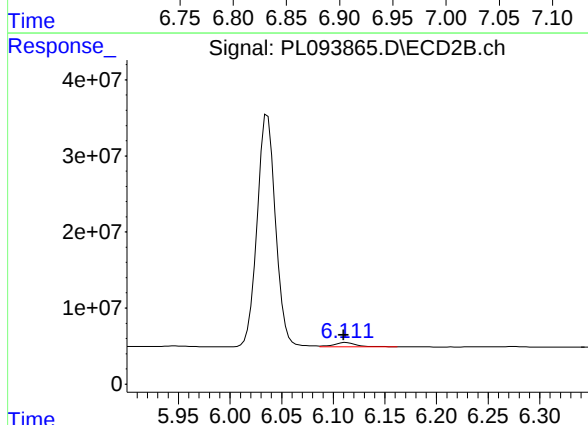
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.003 min
Response: 3900669
Conc: 2.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

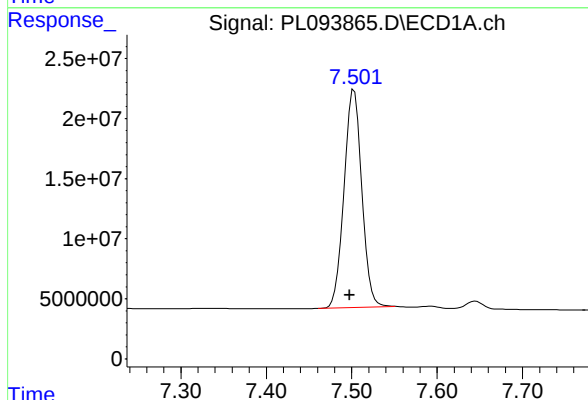
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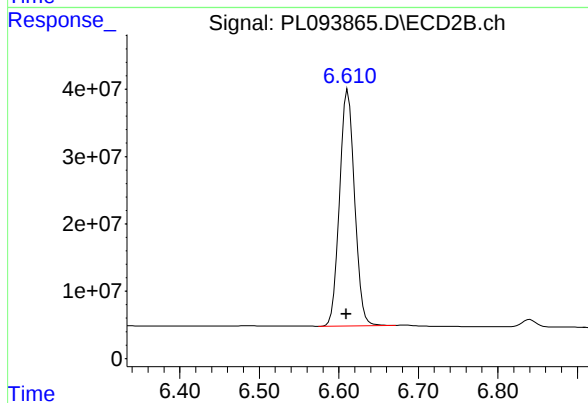
#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 7921908
Conc: 2.60 ng/ml



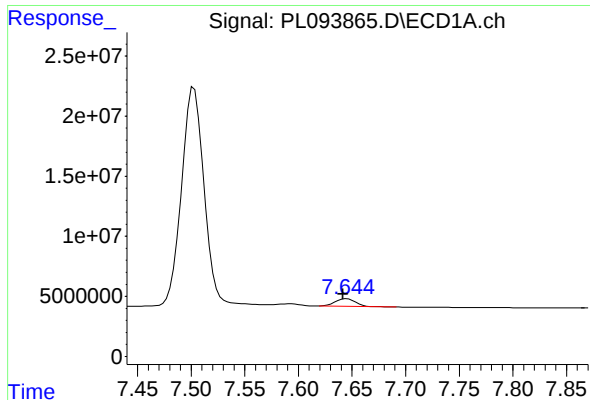
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.005 min
Response: 262216211
Conc: 251.31 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 460610724
Conc: 257.59 ng/ml



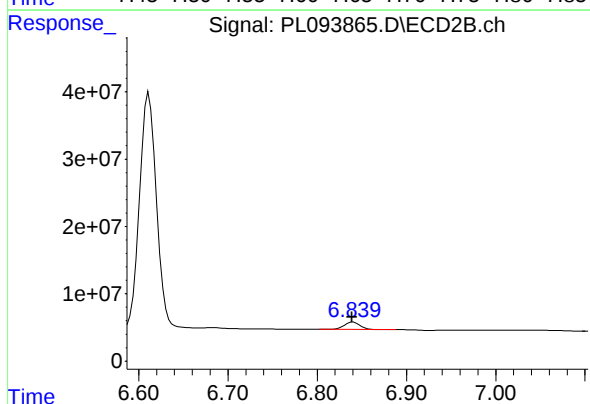
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 8334911
Conc: 3.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

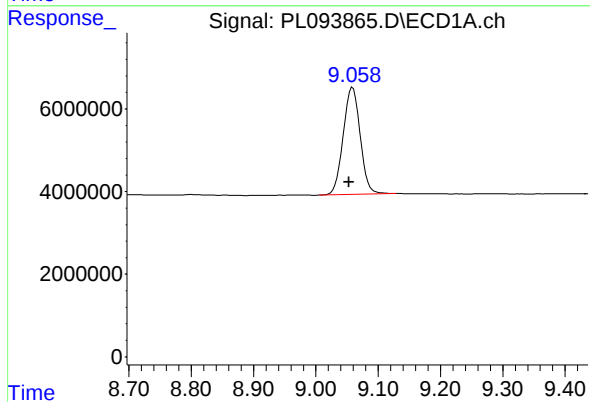
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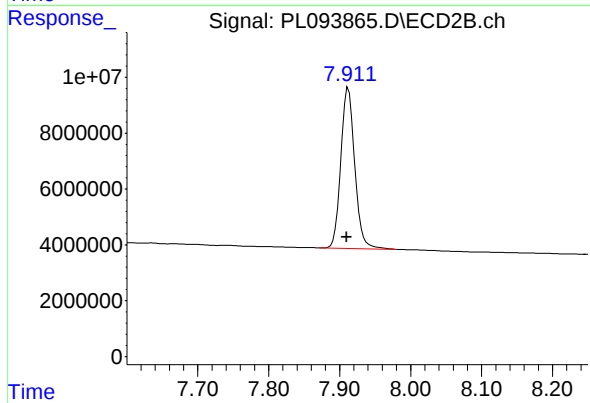
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: 0.001 min
Response: 13291991
Conc: 3.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.006 min
Response: 49107383
Conc: 23.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.003 min
Response: 78193729
Conc: 22.32 ng/ml