

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011024\
 Data File : PL087705.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2024 14:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/11/2024
 Supervised By :Ankita Jodhani 01/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 23:39:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 2023
 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...	3.419	2.674	62082420	27348613	20.737	22.577
28)	SA Decachlor...	8.985	7.866	58523490	28103876	20.549	22.185
Target Compounds							
2)	A alpha-BHC	3.875	3.178	43657218	18763127	9.730	10.180
3)	MA gamma-BHC...	4.210	3.508	42271147	17751247	9.692	9.768
6)	B beta-BHC	4.410	3.810	20373724	8760236	10.951	11.454
12)	B 4,4'-DDE	6.083	5.156	2222452	147475	0.695m	0.110m#
14)	MA Endrin	6.473	5.553	148.2E6	73845901	47.195	52.078
17)	MA 4,4'-DDT	6.937	5.966	304.6E6	146.9E6	106.508	118.049m
18)	B Endrin al...	6.825	6.034	2884698	963358	1.147m	0.829m#
20)	A Methoxychlor	7.421	6.554	407.2E6	191.7E6	250.784m	260.435
21)	B Endrin ke...	7.549	6.765	7096701	3101359	2.182m	2.023

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

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ALS Vial : 3 Sample Multiplier: 1

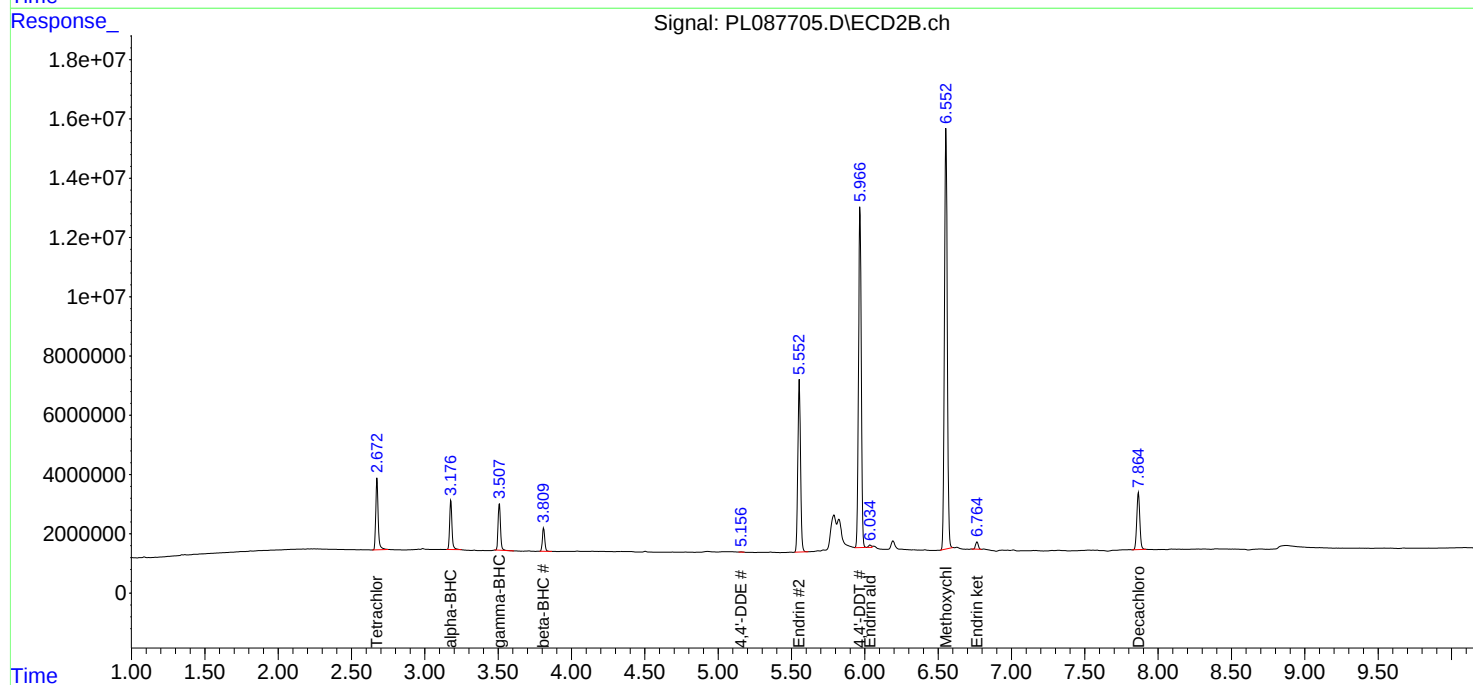
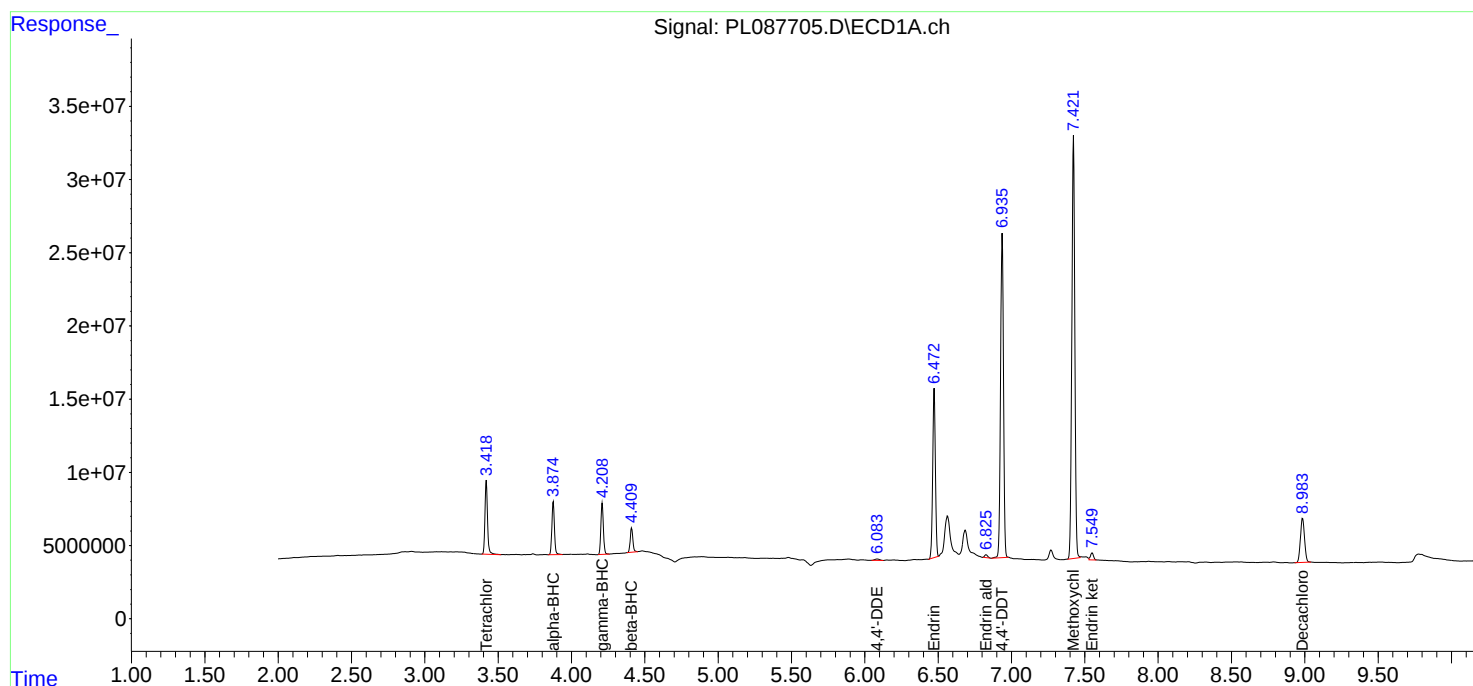
Instrument :
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ClientSampleId :
PEM

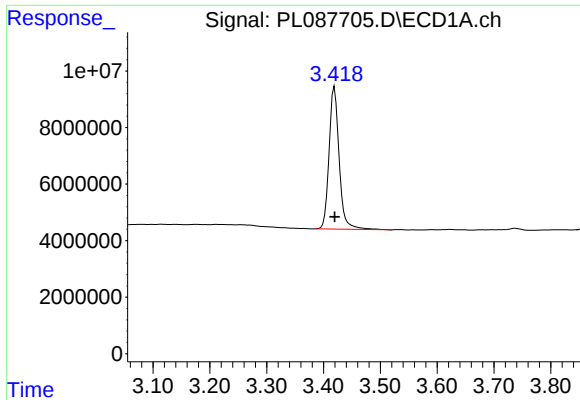
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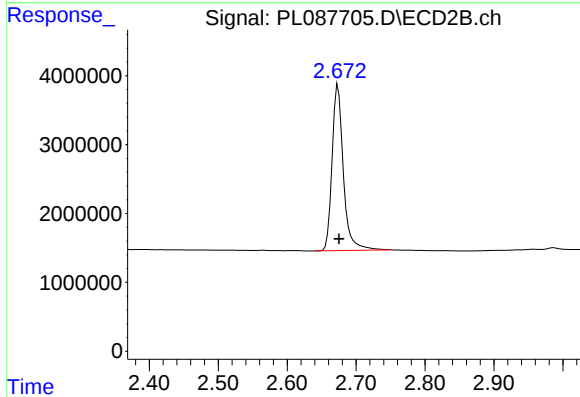
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 62082420
Conc: 20.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

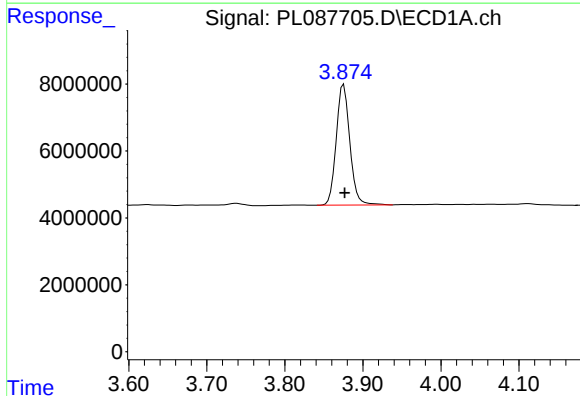
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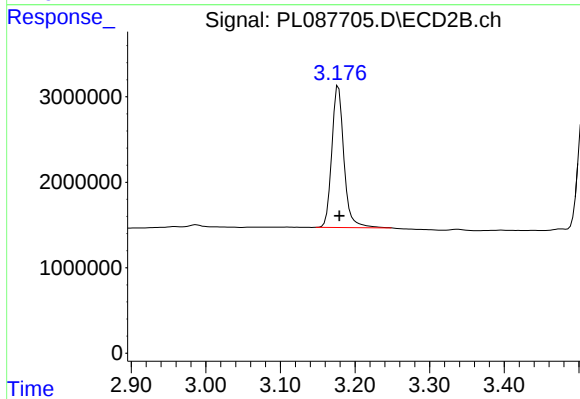
#1 Tetrachloro-m-xylene

R.T.: 2.674 min
Delta R.T.: -0.001 min
Response: 27348613
Conc: 22.58 ng/ml



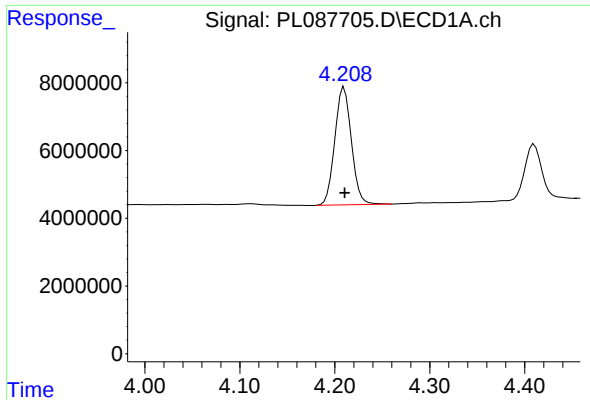
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.001 min
Response: 43657218
Conc: 9.73 ng/ml



#2 alpha-BHC

R.T.: 3.178 min
Delta R.T.: -0.001 min
Response: 18763127
Conc: 10.18 ng/ml



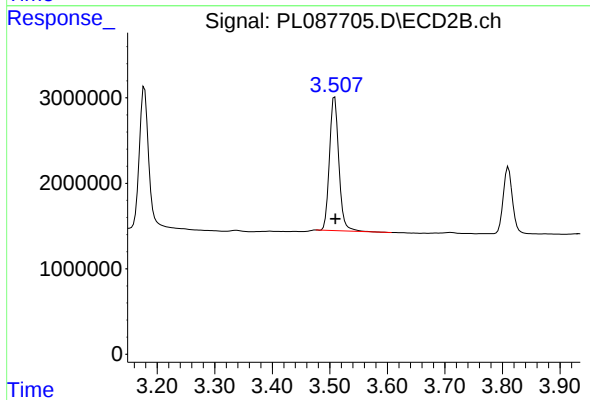
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 42271147
Conc: 9.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

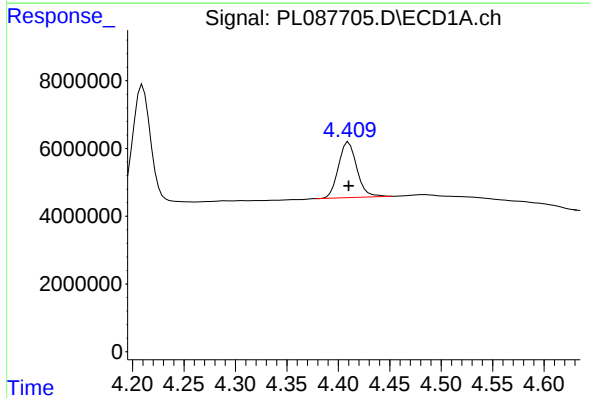
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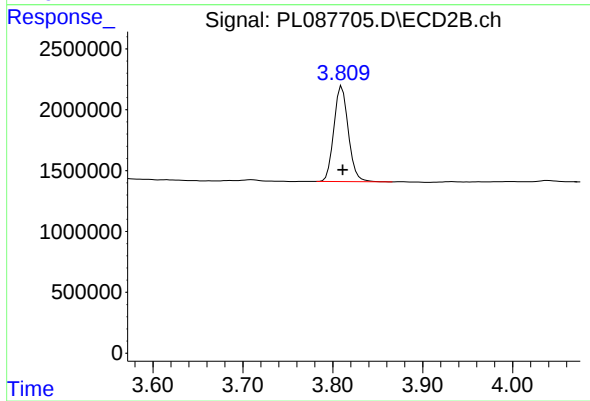
#3 gamma-BHC (Lindane)

R.T.: 3.508 min
Delta R.T.: -0.001 min
Response: 17751247
Conc: 9.77 ng/ml



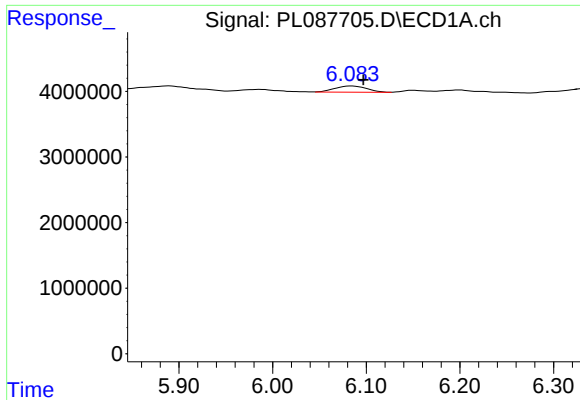
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 20373724
Conc: 10.95 ng/ml



#6 beta-BHC

R.T.: 3.810 min
Delta R.T.: 0.000 min
Response: 8760236
Conc: 11.45 ng/ml



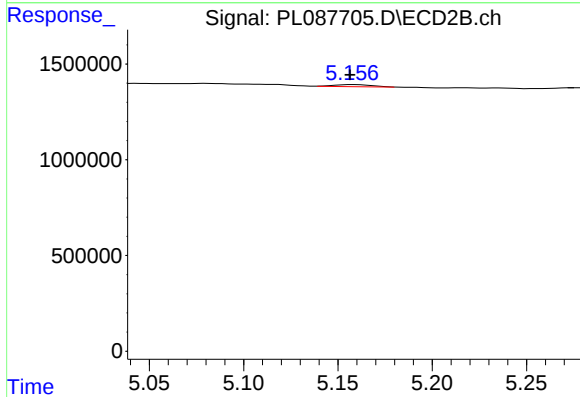
#12 4,4'-DDE

R.T.: 6.083 min
Delta R.T.: -0.014 min
Response: 2222452
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

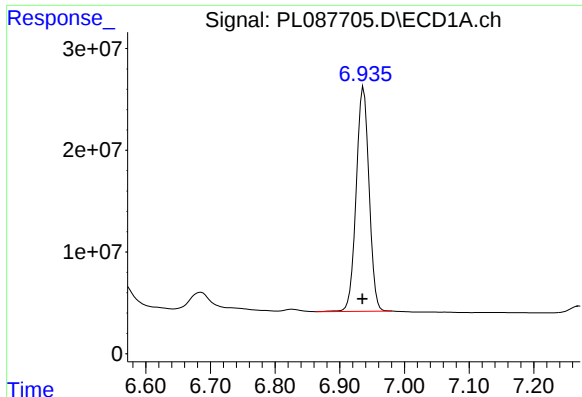
R.T.: 5.156 min
Delta R.T.: 0.000 min
Response: 147475
Conc: 0.11 ng/ml m

#14 Endrin

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 148233369
Conc: 47.19 ng/ml

#14 Endrin

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 73845901
Conc: 52.08 ng/ml



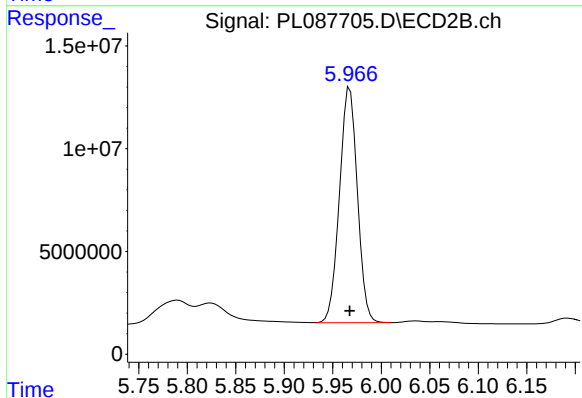
#17 4,4'-DDT

R.T.: 6.937 min
Delta R.T.: 0.002 min
Response: 304565327
Conc: 106.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

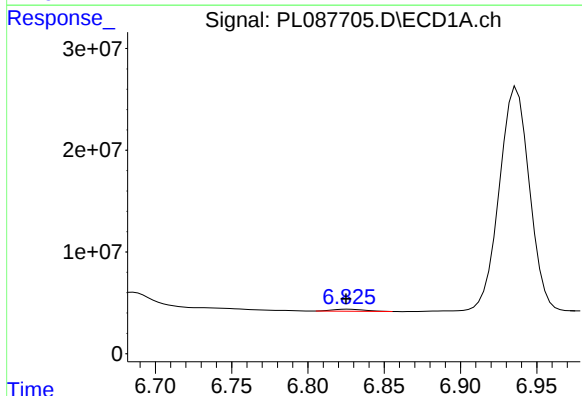
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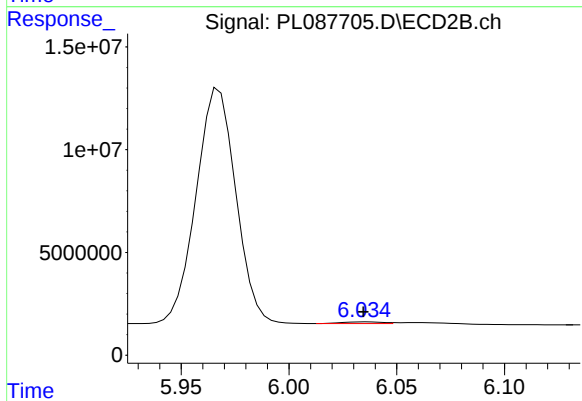
#17 4,4'-DDT

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 146921691
Conc: 118.05 ng/ml m



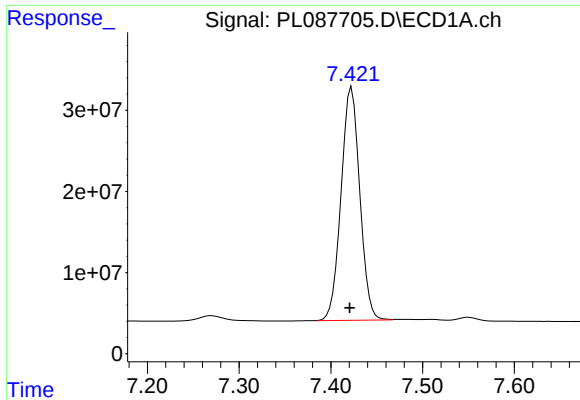
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 2884698
Conc: 1.15 ng/ml m



#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 963358
Conc: 0.83 ng/ml m



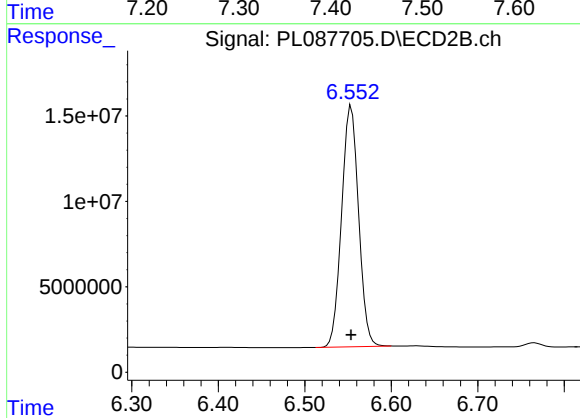
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 407168205
Conc: 250.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

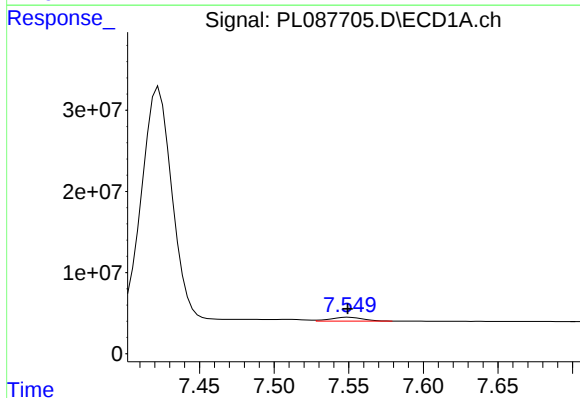
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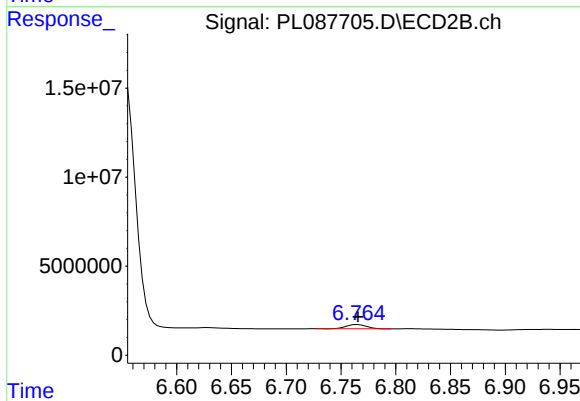
#20 Methoxychlor

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 191700852
Conc: 260.43 ng/ml



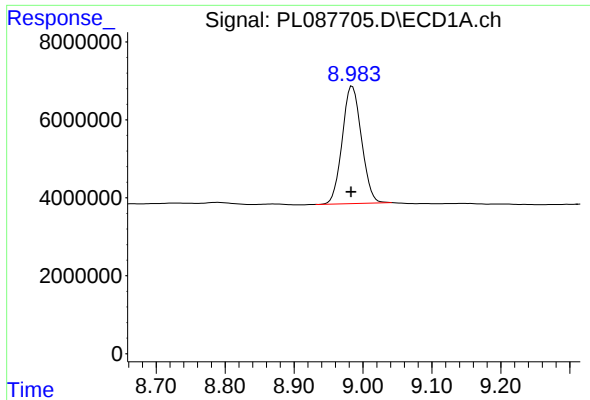
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 7096701
Conc: 2.18 ng/ml m



#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 3101359
Conc: 2.02 ng/ml



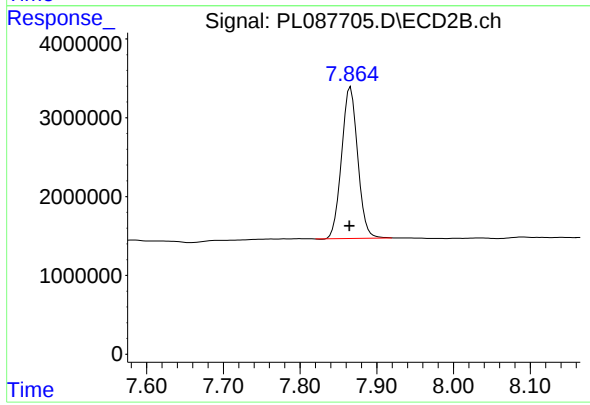
#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.002 min
Response: 58523490
Conc: 20.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.866 min
Delta R.T.: 0.001 min
Response: 28103876
Conc: 22.18 ng/ml