

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122823\
 Data File : PL087572.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Dec 2023 05:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/29/2023
 Supervised By : Ankita Jodhani 12/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 06:30:50 2023
 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...	3.421	2.675	66620247	26289242	22.253	21.702
28)	SA Decachlor...	8.986	7.866	63989605	27892053	22.468	22.017
Target Compounds							
2)	A alpha-BHC	3.877	3.179	43548841	17004599	9.706	9.226
3)	MA gamma-BHC...	4.211	3.509	42108703	16168436	9.654	8.897
6)	B beta-BHC	4.411	3.811	20320511	8349496	10.922	10.917
12)	B 4,4'-DDE	6.096	5.155	712918	167912	0.223	0.125m#
14)	MA Endrin	6.474	5.554	140.3E6	65015431	44.668	45.851
16)	A 4,4'-DDD	6.619	5.715	3990888	1502256	1.548	1.332
17)	MA 4,4'-DDT	6.937	5.968	284.7E6	128.4E6	99.564	103.169
18)	B Endrin al...	6.828	6.034	4374769	2928379	1.739	2.520m#
20)	A Methoxychlor	7.423	6.554	376.0E6	167.6E6	231.568	227.637
21)	B Endrin ke...	7.550	6.764	9792338	4276670	3.011	2.790m

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

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Acq On : 29 Dec 2023 05:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

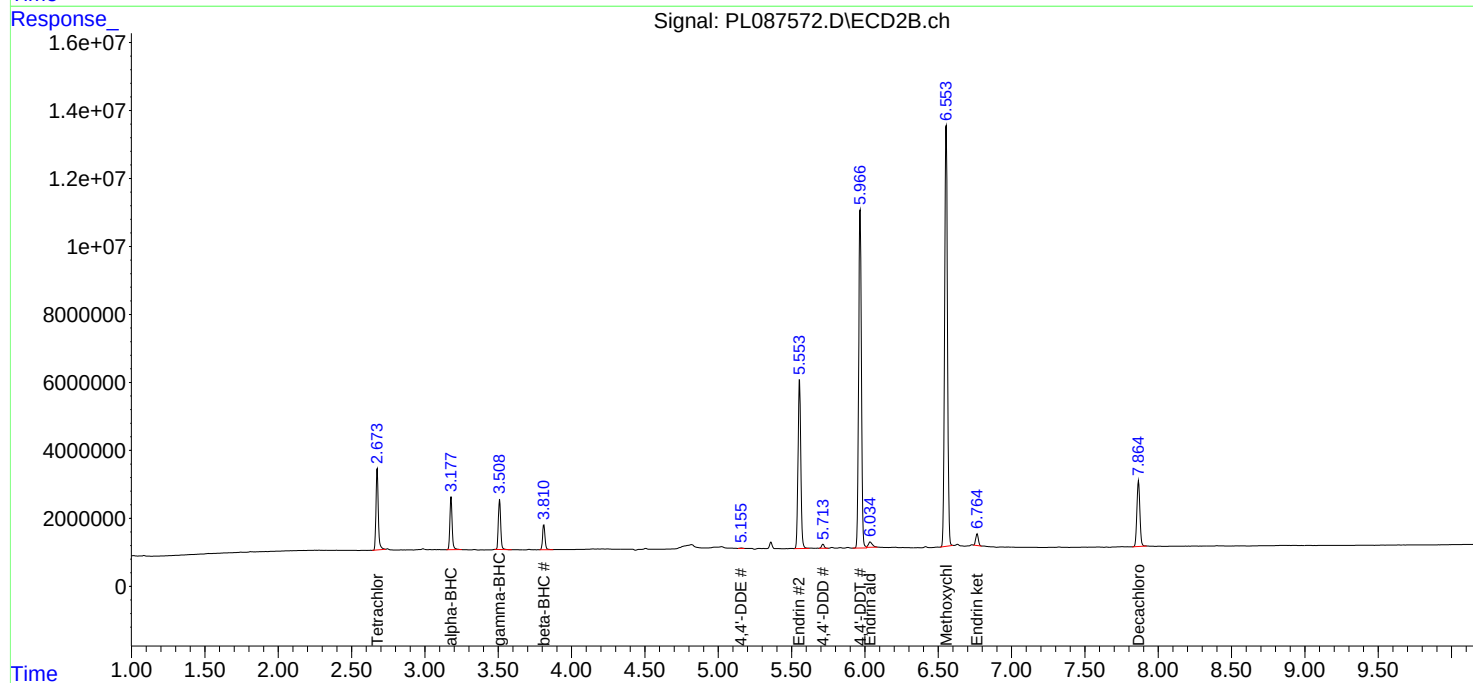
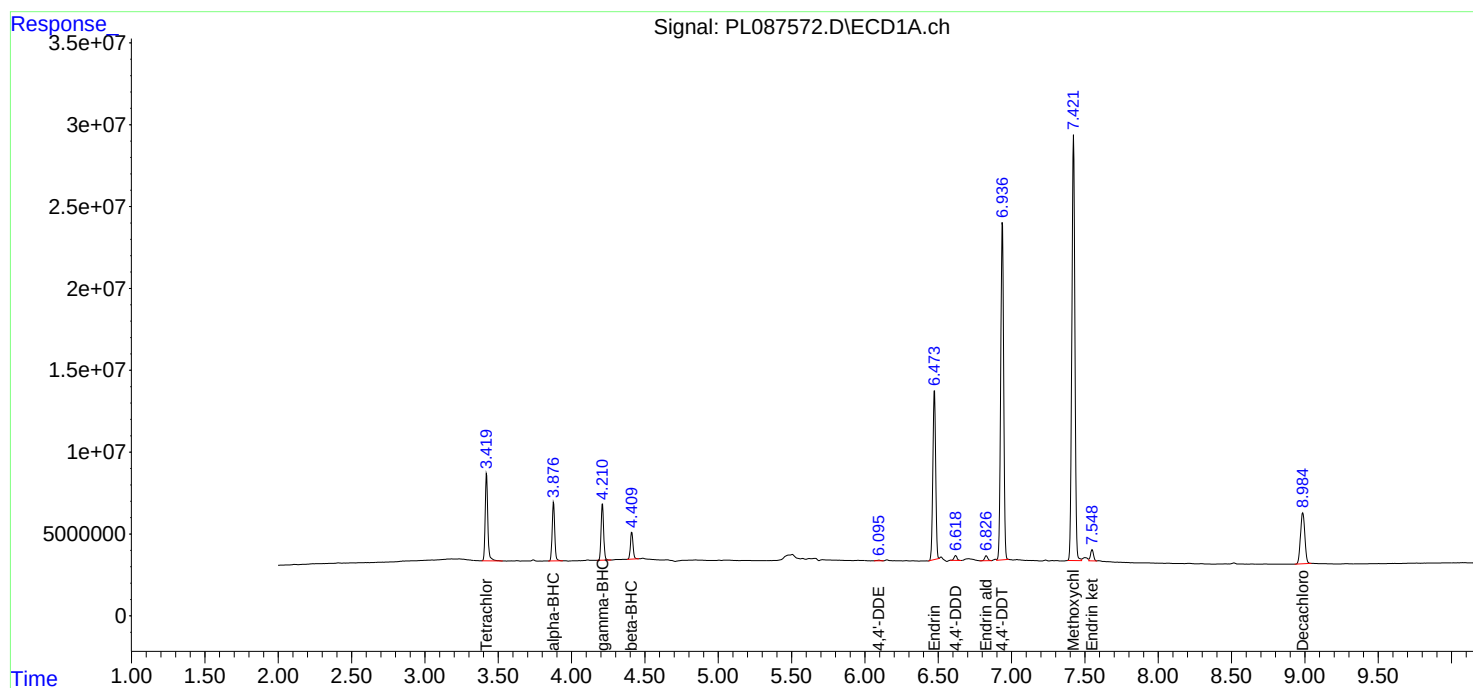
Instrument :
ECD_L
ClientSampleId :
PEM

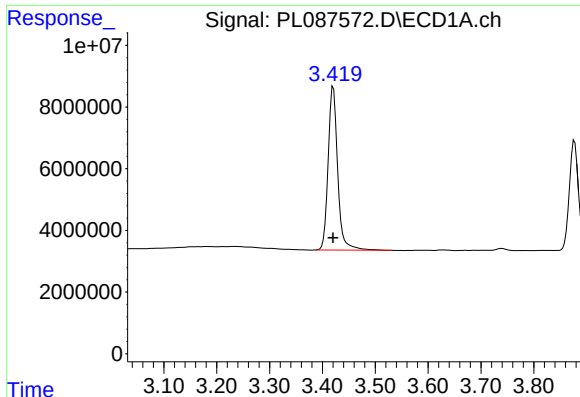
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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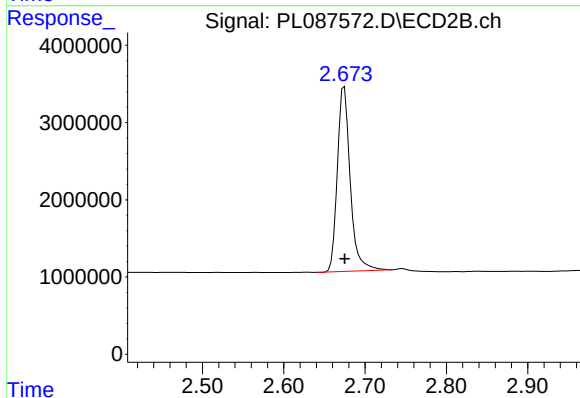
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 66620247
Conc: 22.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

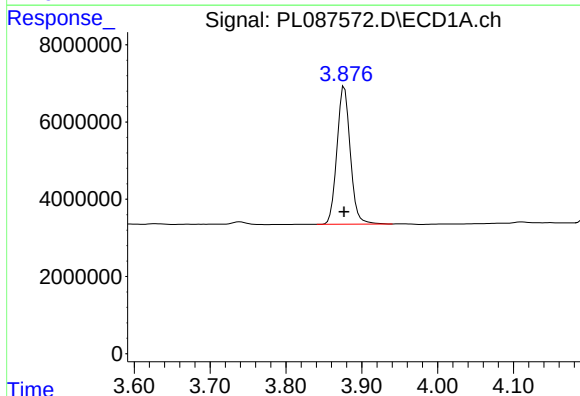
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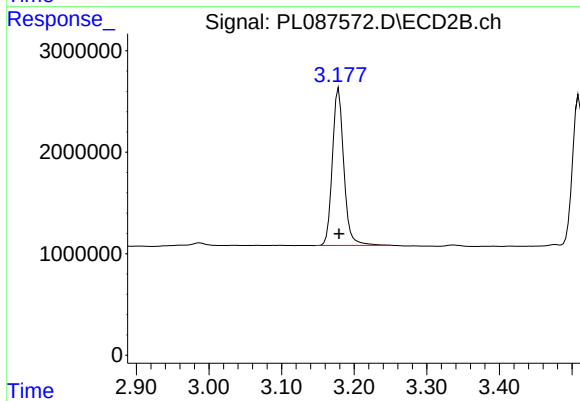
#1 Tetrachloro-m-xylene

R.T.: 2.675 min
Delta R.T.: 0.000 min
Response: 26289242
Conc: 21.70 ng/ml



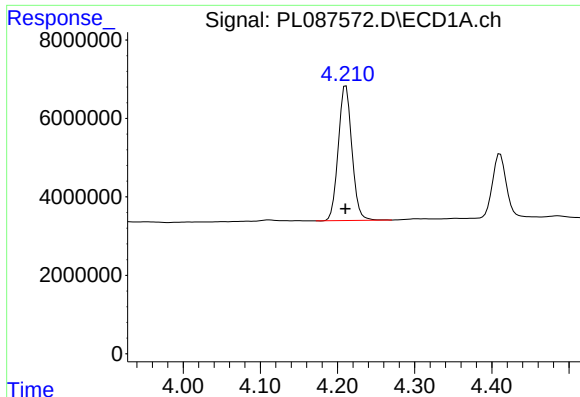
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 43548841
Conc: 9.71 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: 0.000 min
Response: 17004599
Conc: 9.23 ng/ml



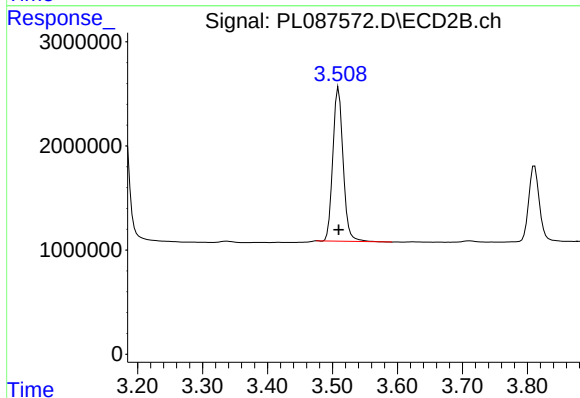
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 42108703
Conc: 9.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

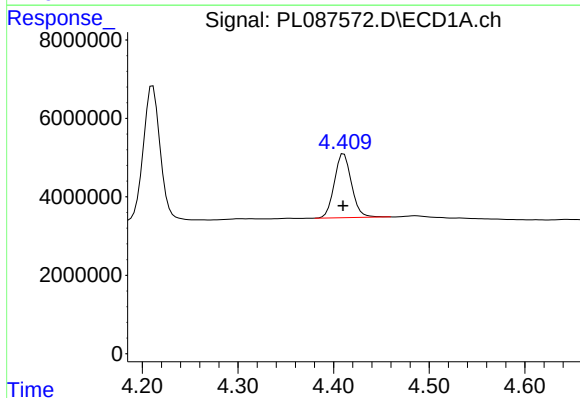
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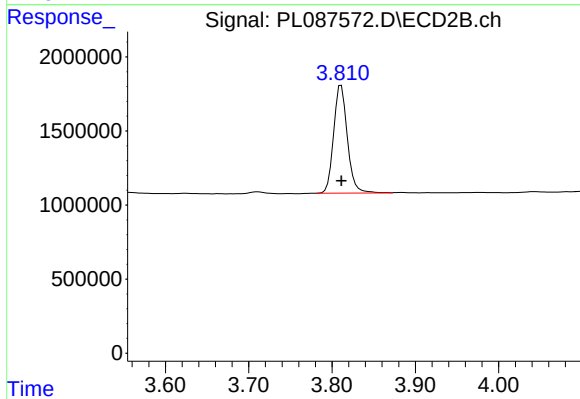
#3 gamma-BHC (Lindane)

R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 16168436
Conc: 8.90 ng/ml



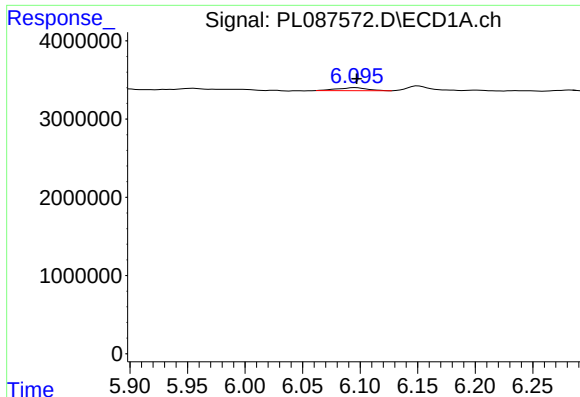
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 20320511
Conc: 10.92 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 8349496
Conc: 10.92 ng/ml



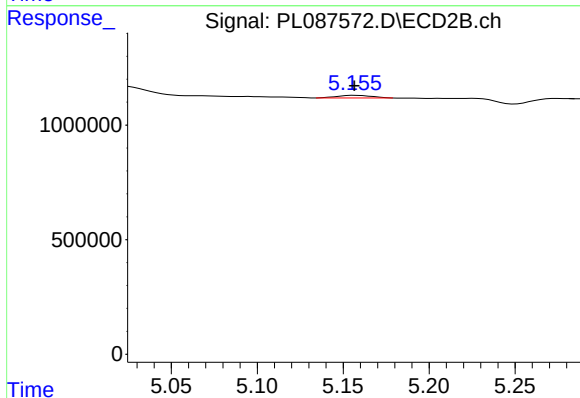
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 712918
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

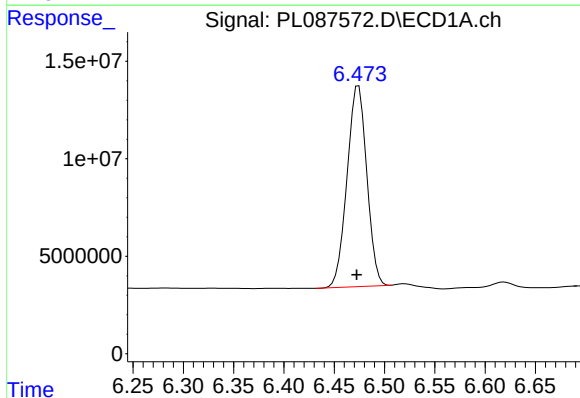
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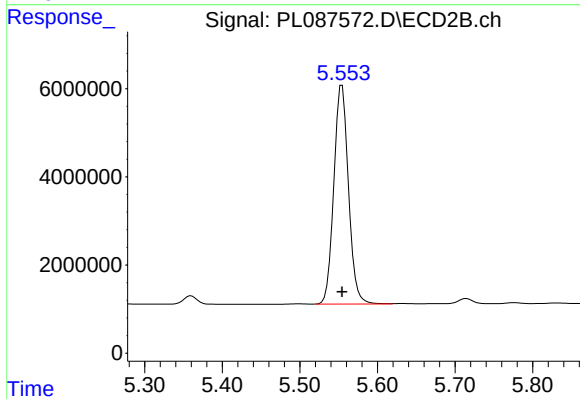
#12 4,4'-DDE

R.T.: 5.155 min
Delta R.T.: -0.001 min
Response: 167912
Conc: 0.12 ng/ml m



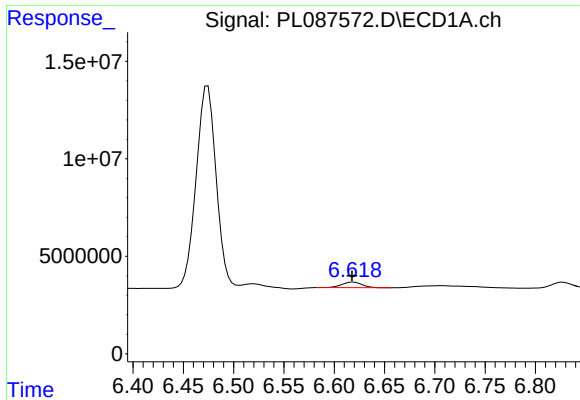
#14 Endrin

R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 140298996
Conc: 44.67 ng/ml



#14 Endrin

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 65015431
Conc: 45.85 ng/ml



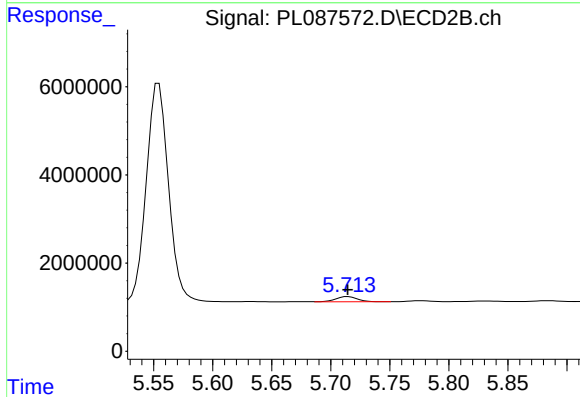
#16 4,4'-DDD

R.T.: 6.619 min
Delta R.T.: 0.002 min
Response: 3990888
Conc: 1.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

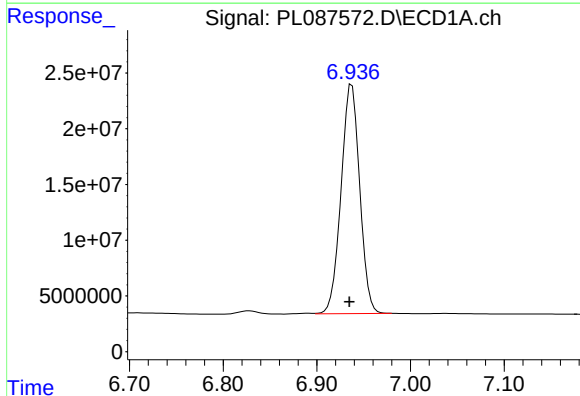
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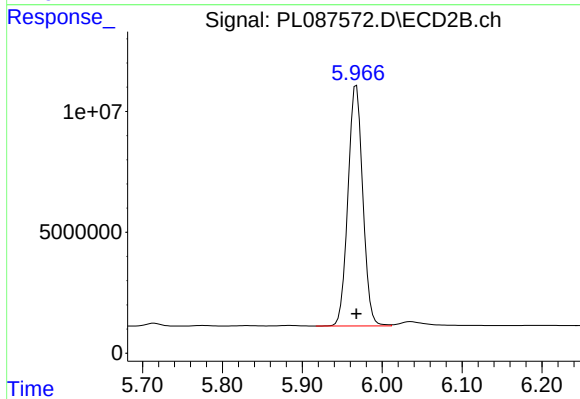
#16 4,4'-DDD

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 1502256
Conc: 1.33 ng/ml



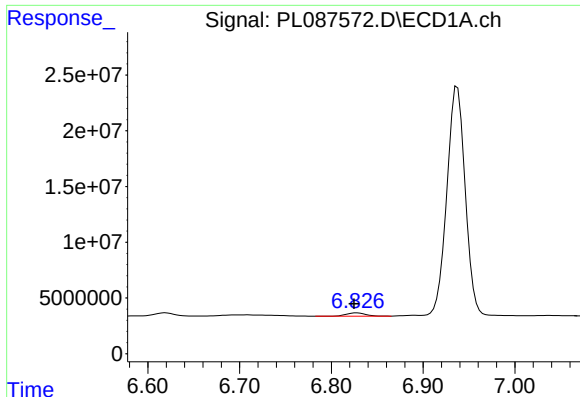
#17 4,4'-DDT

R.T.: 6.937 min
Delta R.T.: 0.002 min
Response: 284708768
Conc: 99.56 ng/ml



#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 128402056
Conc: 103.17 ng/ml



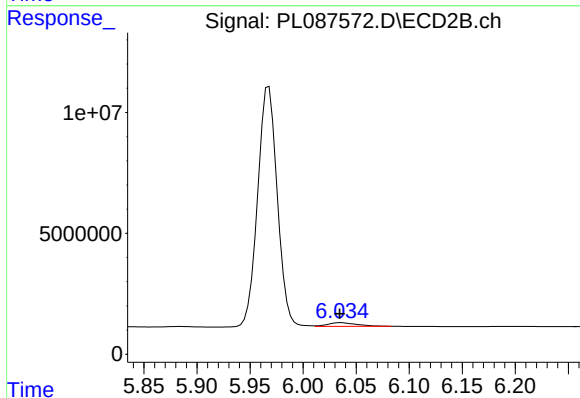
#18 Endrin aldehyde

R.T.: 6.828 min
Delta R.T.: 0.003 min
Response: 4374769
Conc: 1.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

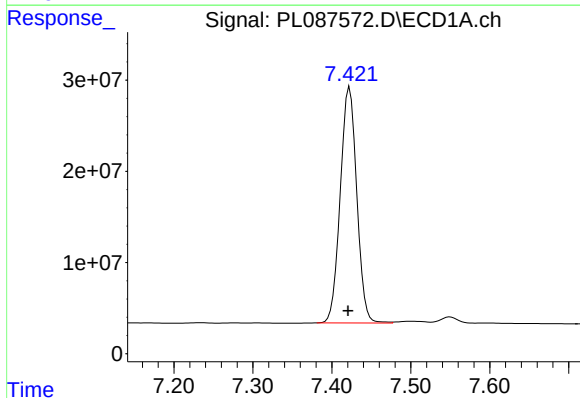
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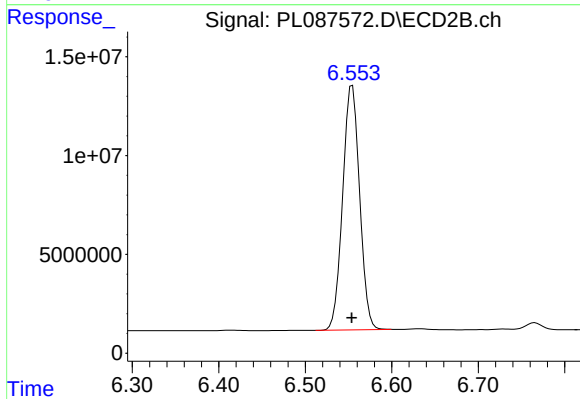
#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 2928379
Conc: 2.52 ng/ml m



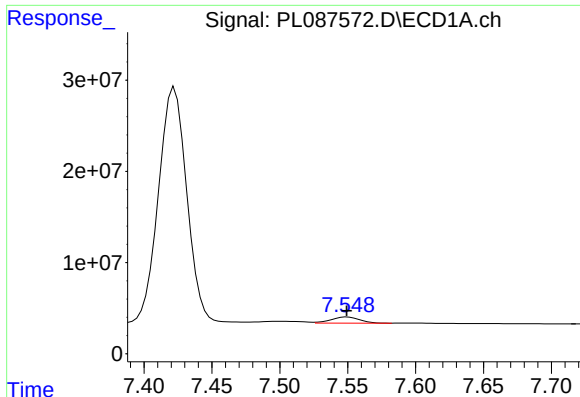
#20 Methoxychlor

R.T.: 7.423 min
Delta R.T.: 0.002 min
Response: 375969697
Conc: 231.57 ng/ml



#20 Methoxychlor

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 167559548
Conc: 227.64 ng/ml



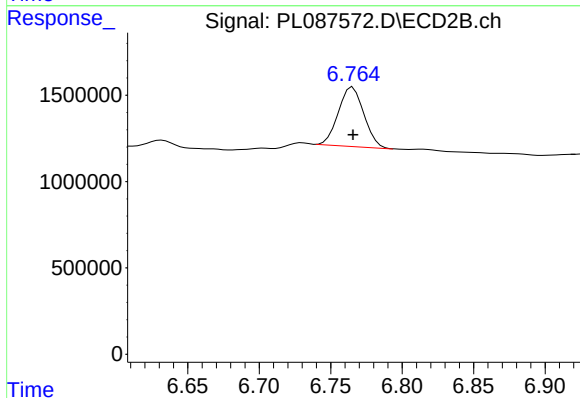
#21 Endrin ketone

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 9792338
Conc: 3.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

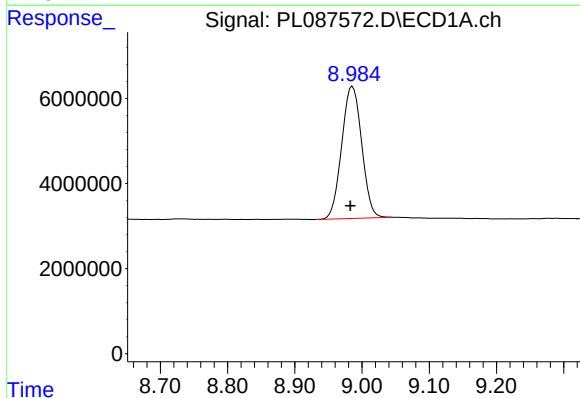
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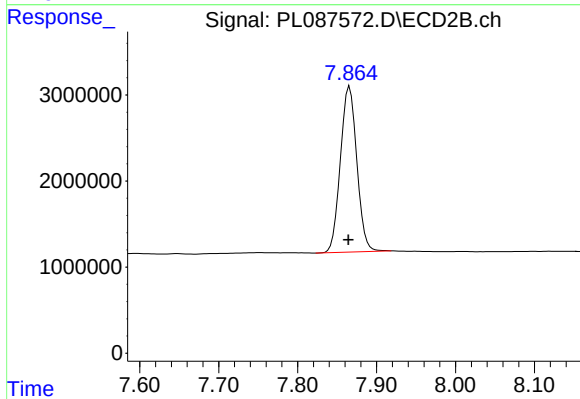
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.002 min
Response: 4276670
Conc: 2.79 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: 0.003 min
Response: 63989605
Conc: 22.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.866 min
Delta R.T.: 0.002 min
Response: 27892053
Conc: 22.02 ng/ml