

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101223\
 Data File : PL085872.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Oct 2023 10:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/13/2023
 Supervised By : Ankita Jodhani 10/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 10:53:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.365	2.623	60038230	18406078	20.187	19.704
28)	SA Decachlor...	8.868	7.778	52111395	22892940	23.926	24.803
Target Compounds							
2)	A alpha-BHC	3.819	3.121	41872460	11607341	9.756	9.226
3)	MA gamma-BHC...	4.152	3.449	42799302	11456898	10.355	9.289
6)	B beta-BHC	4.354	3.751	19438280	6379893	11.755	12.255
12)	B 4,4'-DDE	6.028	5.082	453417	136723	0.162m	0.167m
14)	MA Endrin	6.397	5.475	145.2E6	50884641	50.955	56.601
16)	A 4,4'-DDD	6.544	5.638	3808983	773895	1.891m	1.112m#
17)	MA 4,4'-DDT	6.862	5.890	278.3E6	107.7E6	118.068	136.178
18)	B Endrin al...	6.750	5.954	3458840	2855068	1.707m	3.829 #
20)	A Methoxychlor	7.347	6.475	369.6E6	144.7E6	264.615	275.071
21)	B Endrin ke...	7.468	6.681	5787149	4937154	2.009	4.295m#

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

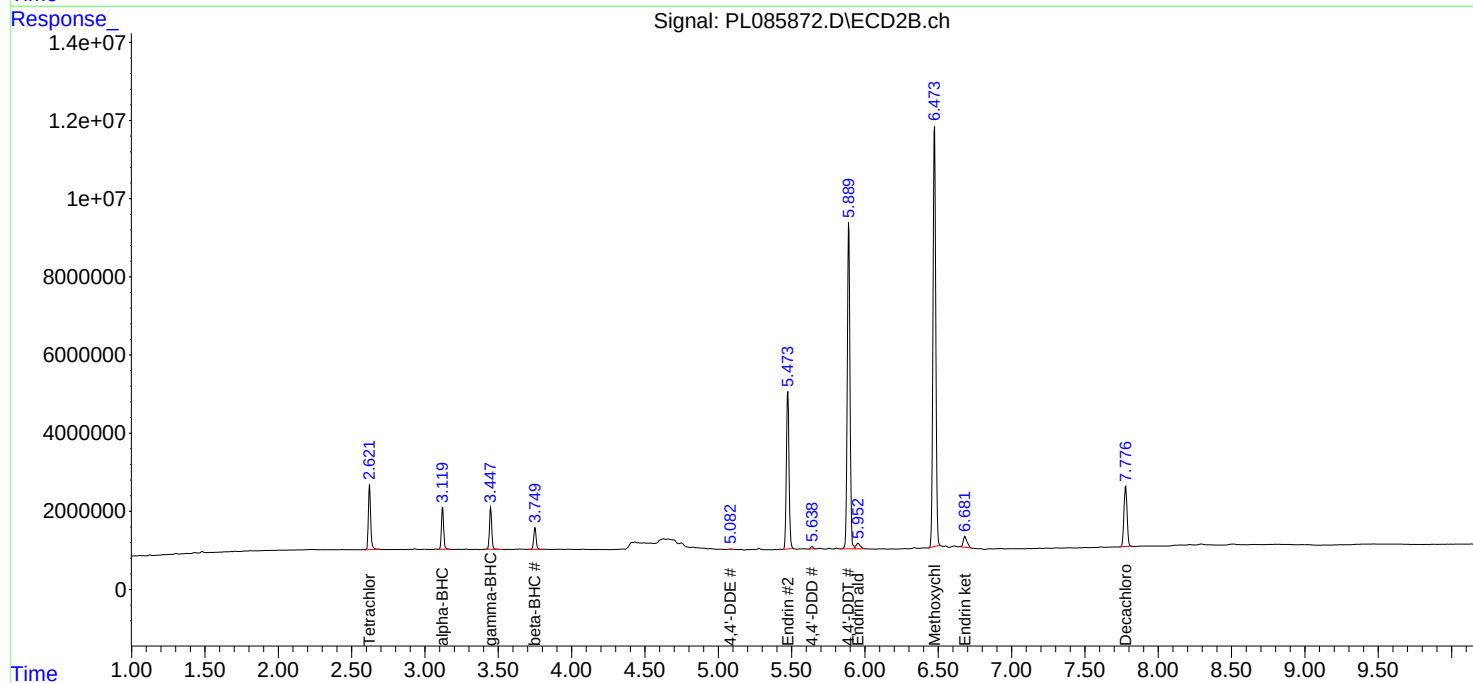
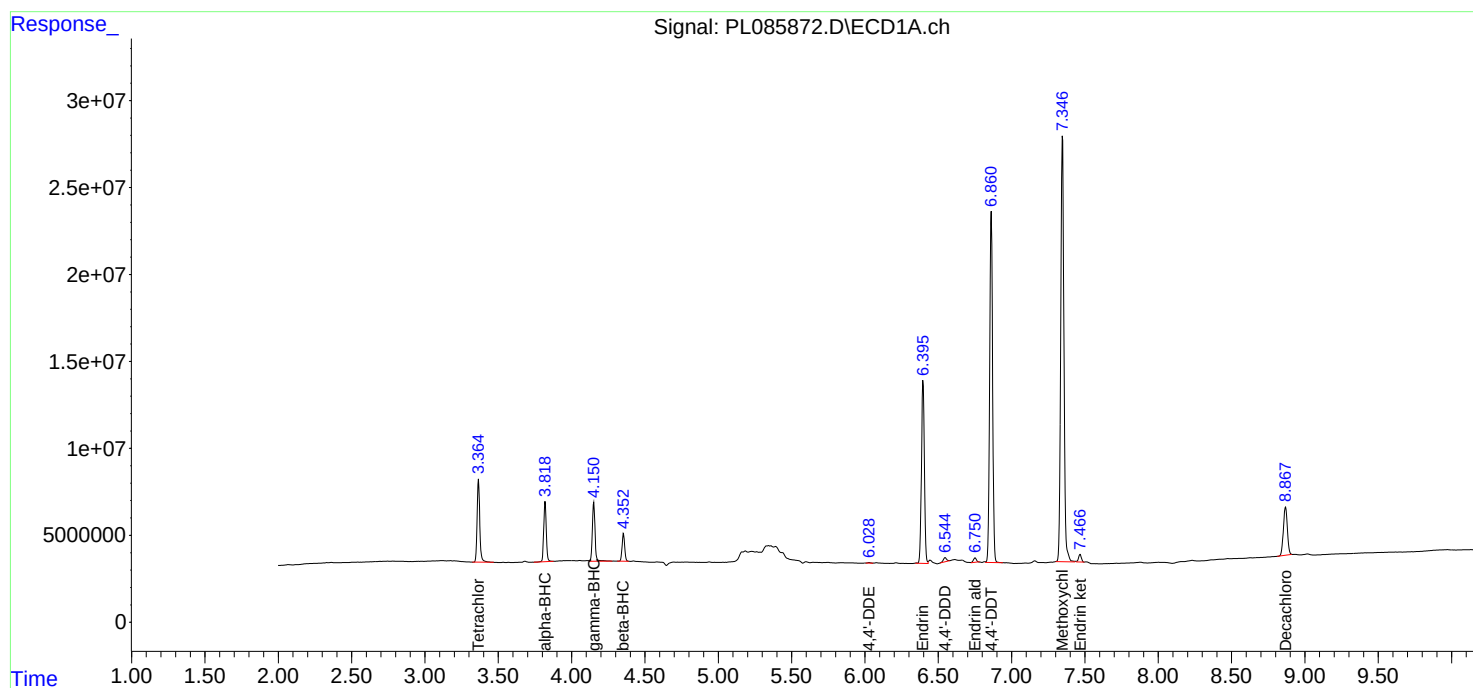
Instrument :
ECD_L
ClientSampleId :
PEM

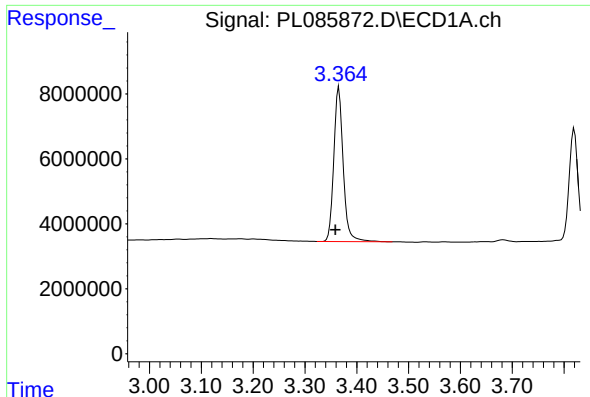
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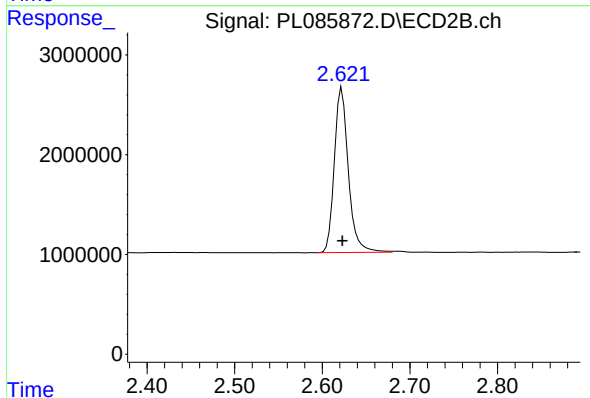
#1 Tetrachloro-m-xylene

R.T.: 3.365 min
Delta R.T.: 0.006 min
Response: 60038230
Conc: 20.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

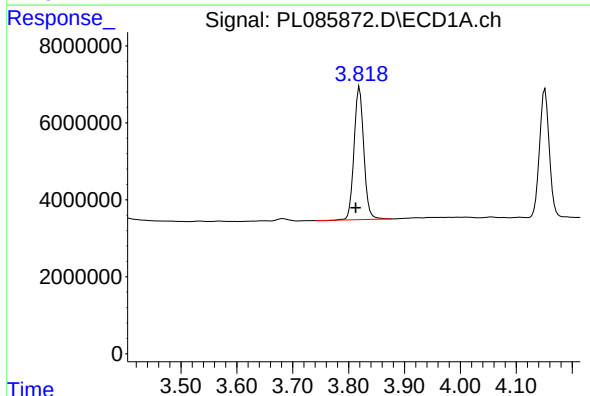
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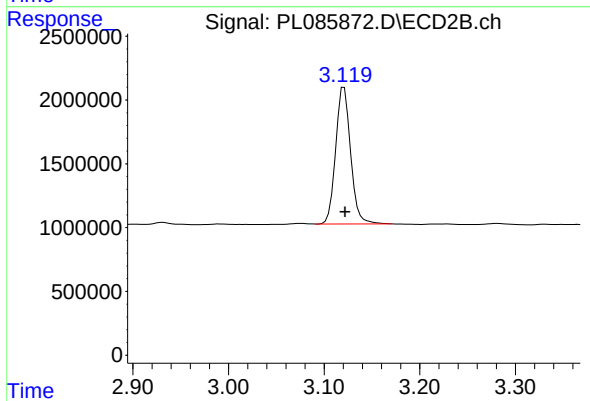
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 18406078
Conc: 19.70 ng/ml



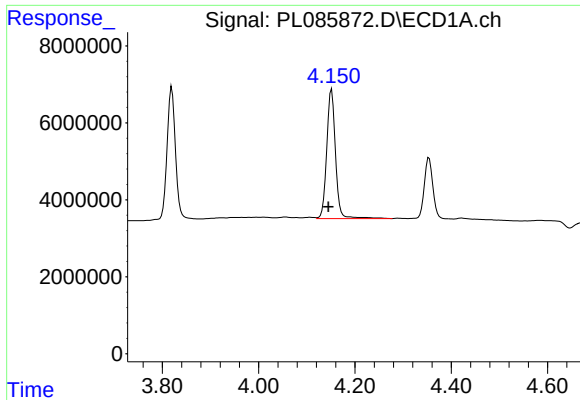
#2 alpha-BHC

R.T.: 3.819 min
Delta R.T.: 0.007 min
Response: 41872460
Conc: 9.76 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 11607341
Conc: 9.23 ng/ml



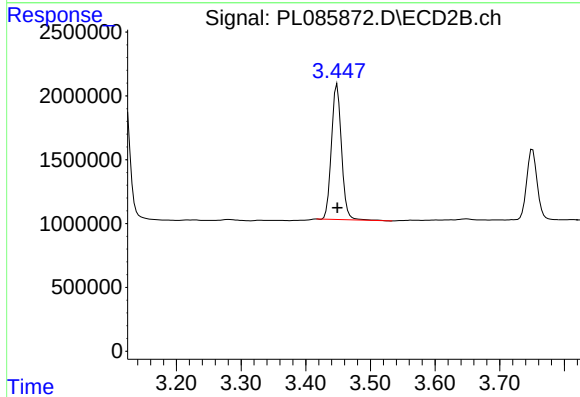
#3 gamma-BHC (Lindane)

R.T.: 4.152 min
Delta R.T.: 0.007 min
Response: 42799302
Conc: 10.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

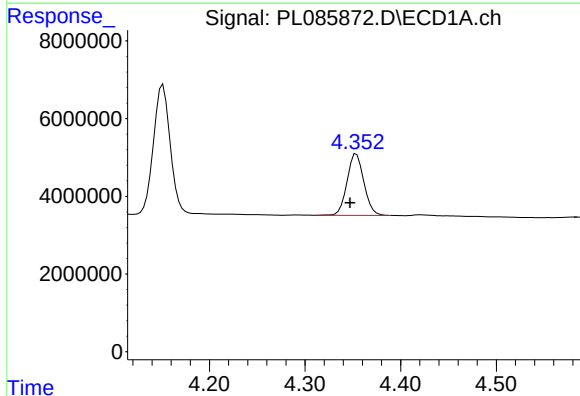
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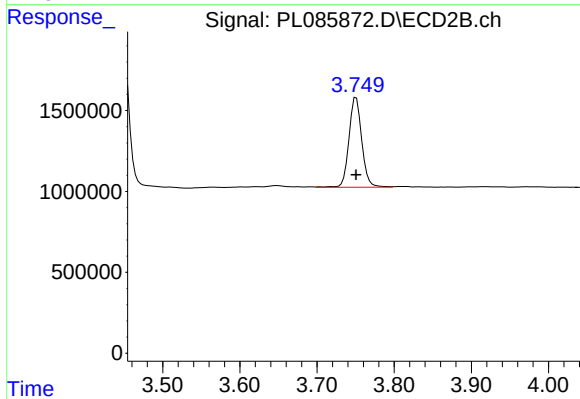
#3 gamma-BHC (Lindane)

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 11456898
Conc: 9.29 ng/ml



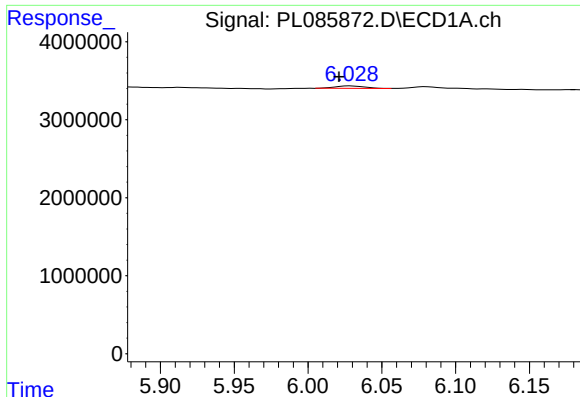
#6 beta-BHC

R.T.: 4.354 min
Delta R.T.: 0.007 min
Response: 19438280
Conc: 11.75 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 6379893
Conc: 12.26 ng/ml



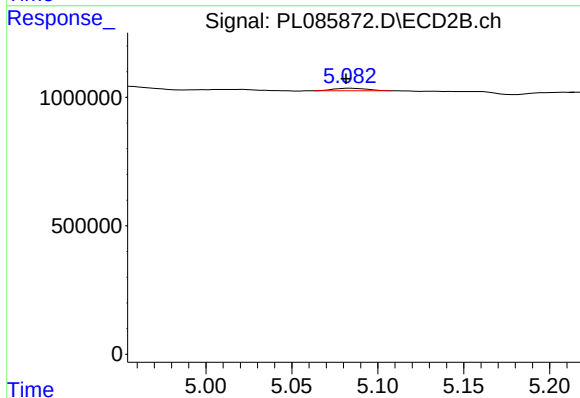
#12 4,4'-DDE

R.T.: 6.028 min
Delta R.T.: 0.007 min
Response: 453417
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

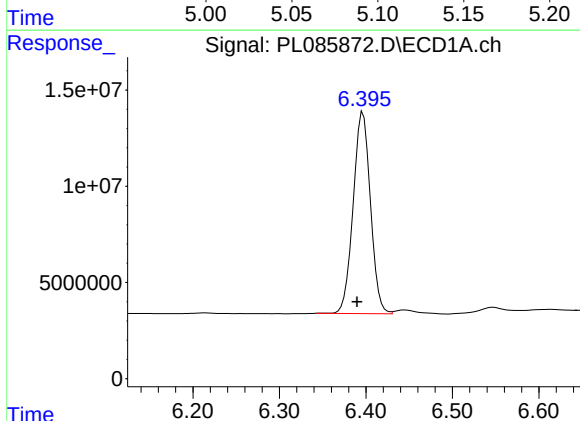
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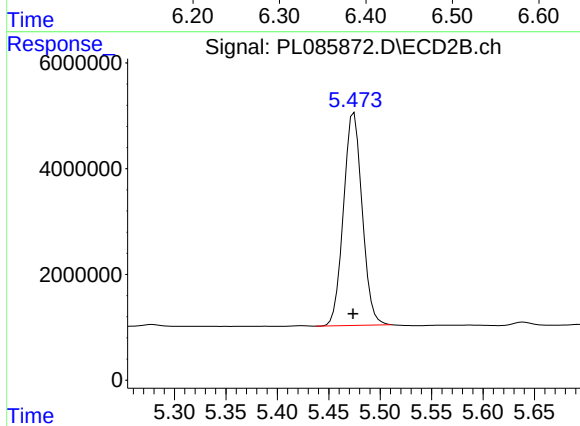
#12 4,4'-DDE

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 136723
Conc: 0.17 ng/ml m



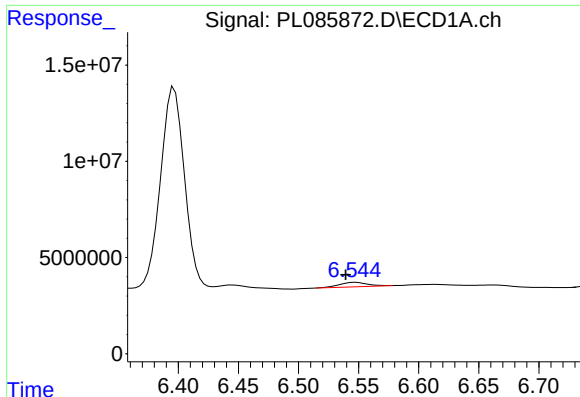
#14 Endrin

R.T.: 6.397 min
Delta R.T.: 0.007 min
Response: 145208578
Conc: 50.95 ng/ml



#14 Endrin

R.T.: 5.475 min
Delta R.T.: 0.001 min
Response: 50884641
Conc: 56.60 ng/ml



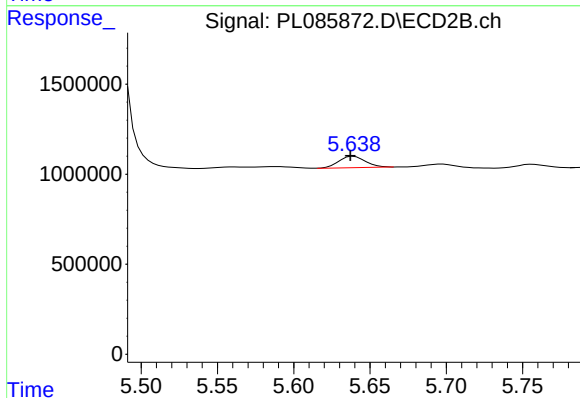
#16 4,4'-DDD

R.T.: 6.544 min
Delta R.T.: 0.005 min
Response: 3808983
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

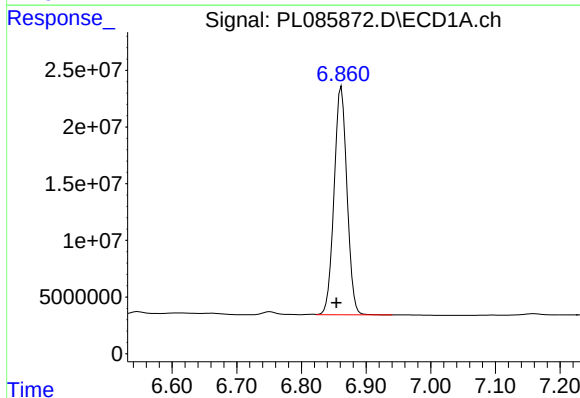
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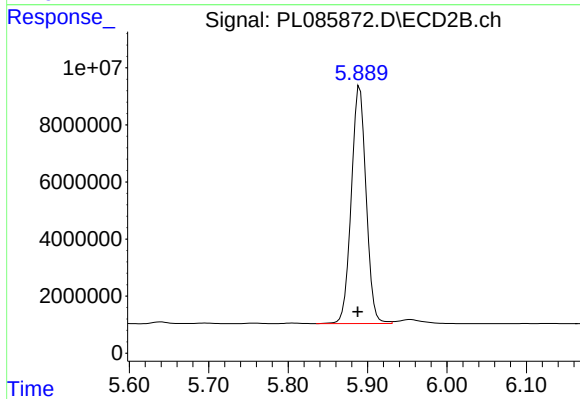
#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 773895
Conc: 1.11 ng/ml m



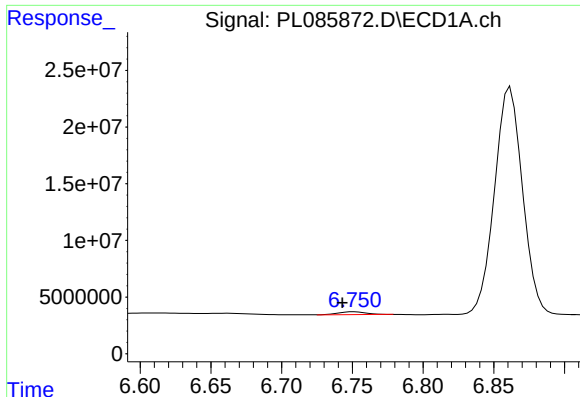
#17 4,4'-DDT

R.T.: 6.862 min
Delta R.T.: 0.008 min
Response: 278297240
Conc: 118.07 ng/ml



#17 4,4'-DDT

R.T.: 5.890 min
Delta R.T.: 0.002 min
Response: 107683308
Conc: 136.18 ng/ml



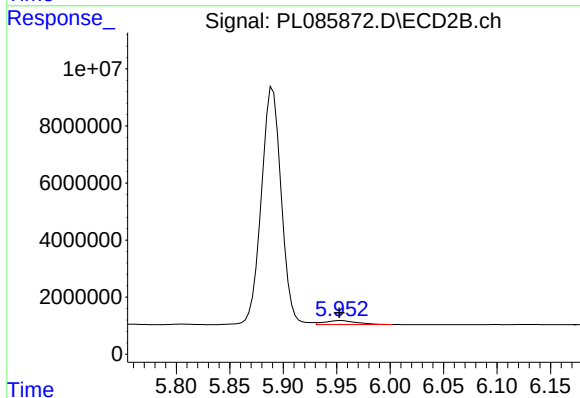
#18 Endrin aldehyde

R.T.: 6.750 min
Delta R.T.: 0.007 min
Response: 3458840
Conc: 1.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

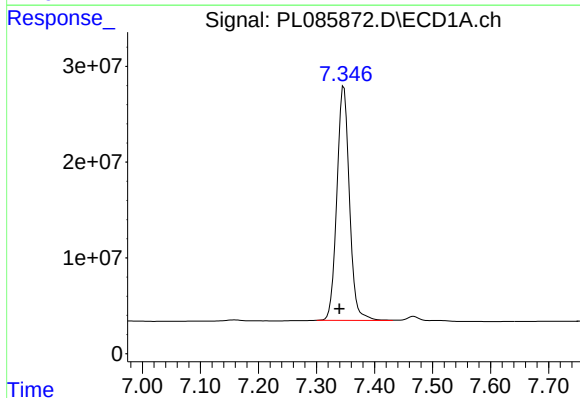
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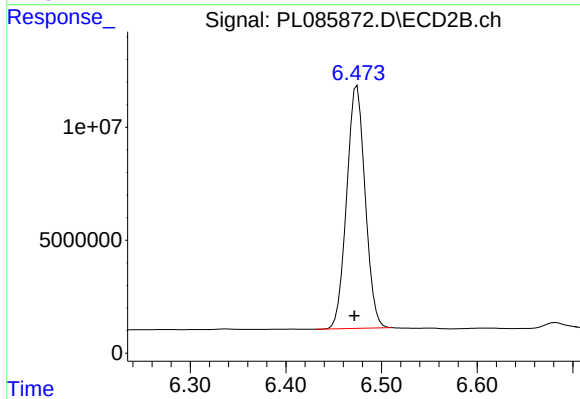
#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: 0.001 min
Response: 2855068
Conc: 3.83 ng/ml



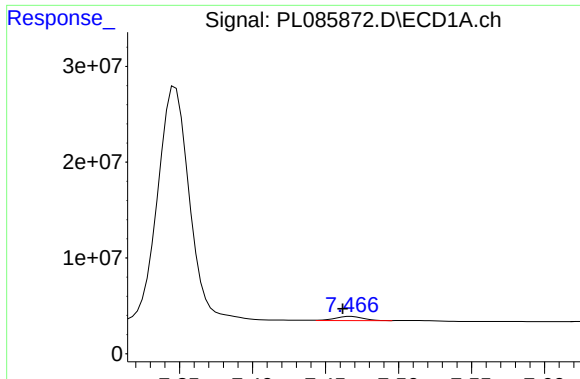
#20 Methoxychlor

R.T.: 7.347 min
Delta R.T.: 0.008 min
Response: 369566973
Conc: 264.62 ng/ml



#20 Methoxychlor

R.T.: 6.475 min
Delta R.T.: 0.003 min
Response: 144708308
Conc: 275.07 ng/ml



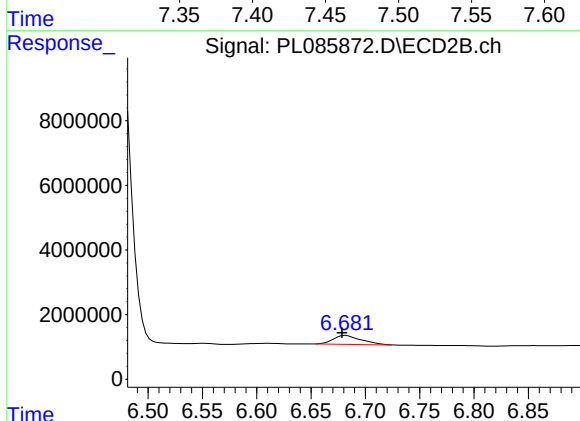
#21 Endrin ketone

R.T.: 7.468 min
Delta R.T.: 0.006 min
Response: 5787149
Conc: 2.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

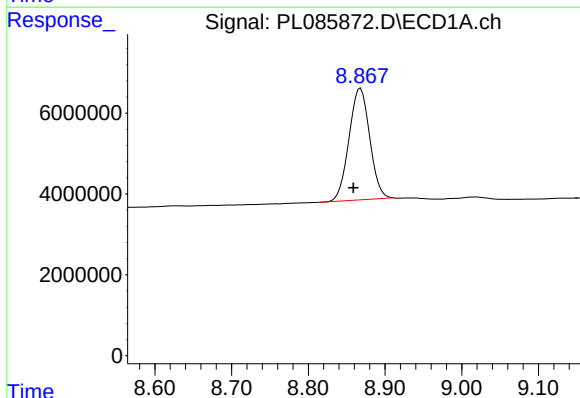
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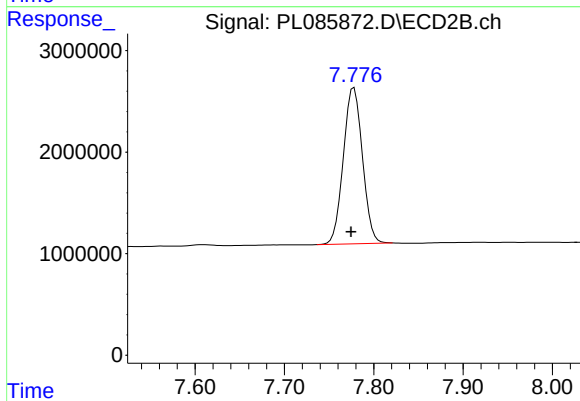
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: 0.002 min
Response: 4937154
Conc: 4.30 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.868 min
Delta R.T.: 0.010 min
Response: 52111395
Conc: 23.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.778 min
Delta R.T.: 0.003 min
Response: 22892940
Conc: 24.80 ng/ml