

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112923\
 Data File : PL086873.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2023 07:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :Ankita Jodhani 11/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 08:17:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 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...	3.343	2.610	60272991	16657928	18.852	18.316
28)	SA Decachlor...	8.842	7.760	53401508	22232363	20.003	20.164
Target Compounds							
2)	A alpha-BHC	3.797	3.108	41782623	10968742	9.024	8.637
3)	MA gamma-BHC...	4.129	3.435	39585232	10443725	9.048	8.548
6)	B beta-BHC	4.333	3.738	18504302	5710871	9.892	10.794
12)	B 4,4'-DDE	6.007	5.066	1316198	150061	0.435	0.163m#
14)	MA Endrin	6.375	5.459	116.2E6	38691155	45.070	45.907
16)	A 4,4'-DDD	6.526	5.622	5204441	1555431	2.223	2.014m
17)	MA 4,4'-DDT	6.841	5.873	247.7E6	85676673	96.502	106.237
18)	B Endrin al...	6.731	5.939	8248868	3110111	3.867	4.452
20)	A Methoxychlor	7.327	6.458	329.5E6	124.6E6	249.557m	242.005
21)	B Endrin ke...	7.447	6.665	11864785	4774871	3.969m	4.183

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

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Acq On : 29 Nov 2023 07:03
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

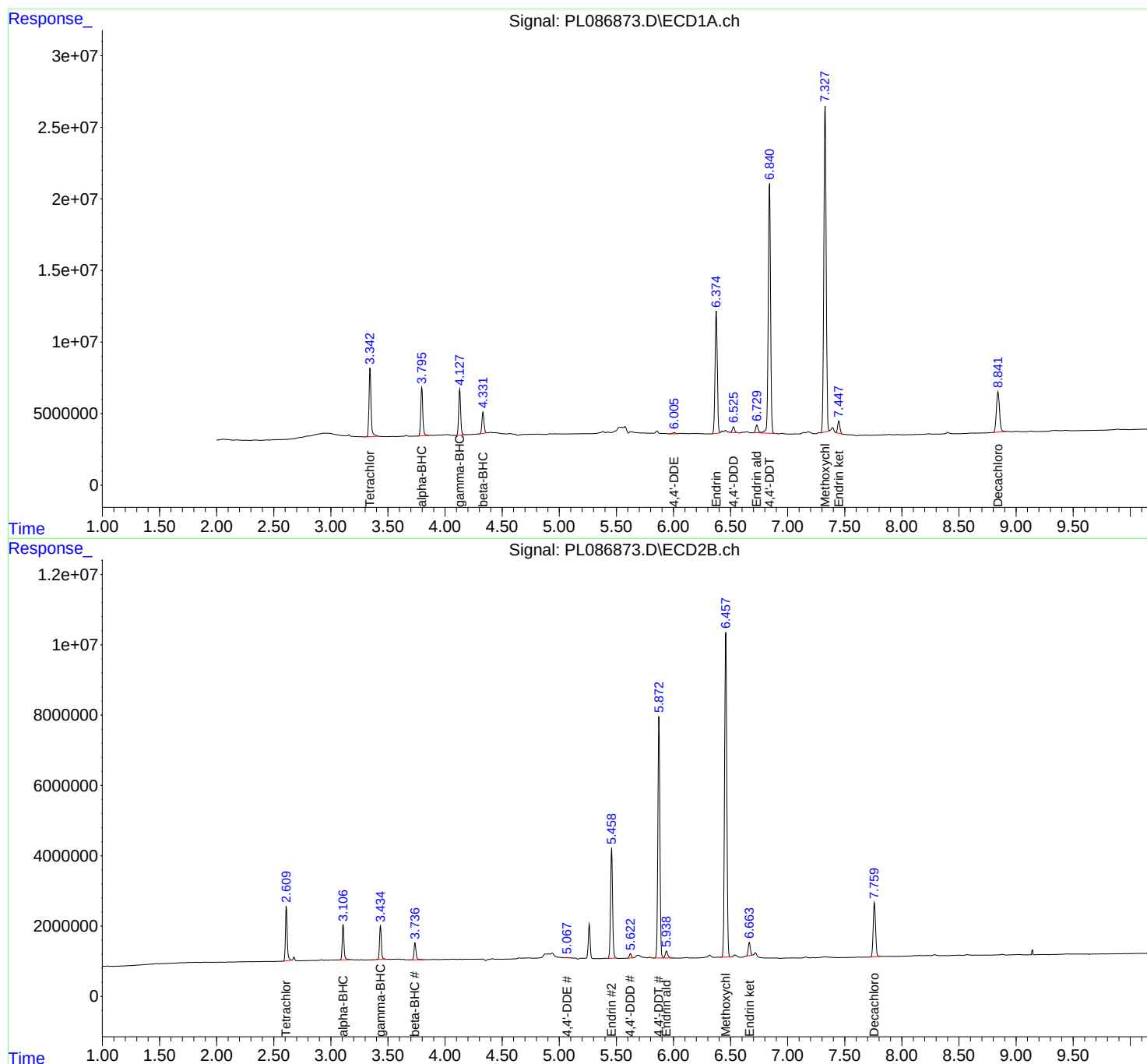
Instrument :
ECD_L
ClientSampleId :
PEM

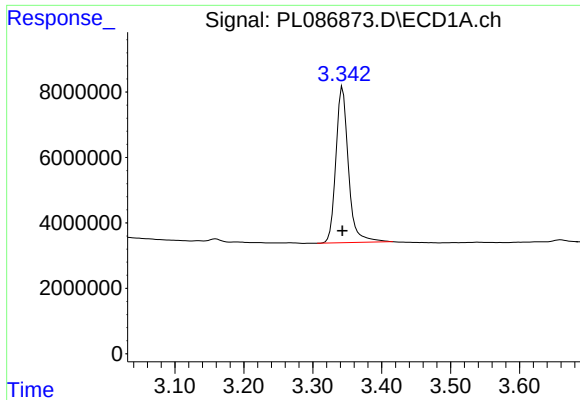
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Integration File signal 1: autoint1.e
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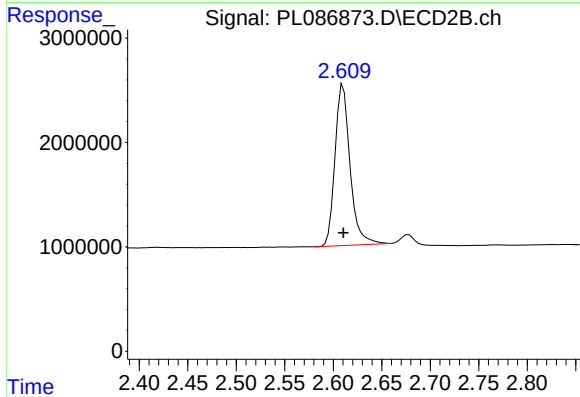
#1 Tetrachloro-m-xylene

R.T.: 3.343 min
Delta R.T.: 0.000 min
Response: 60272991
Conc: 18.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

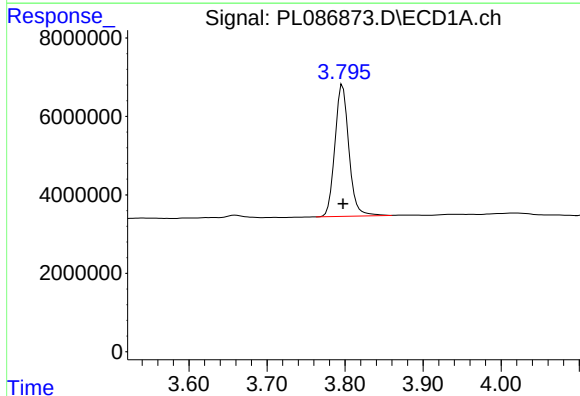
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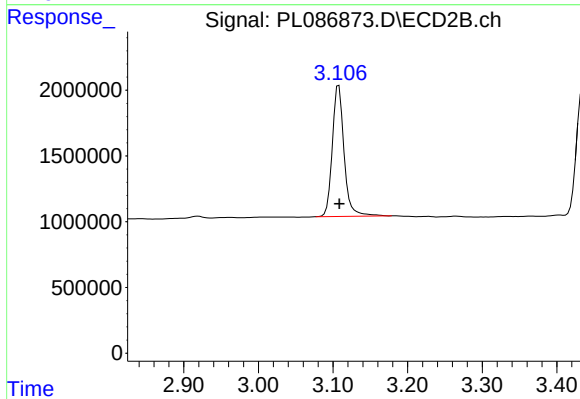
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 16657928
Conc: 18.32 ng/ml



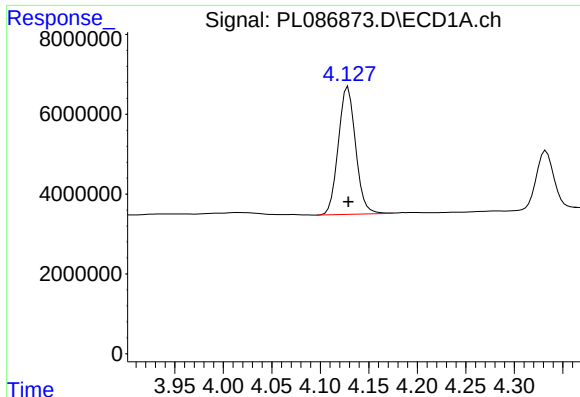
#2 alpha-BHC

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 41782623
Conc: 9.02 ng/ml



#2 alpha-BHC

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 10968742
Conc: 8.64 ng/ml



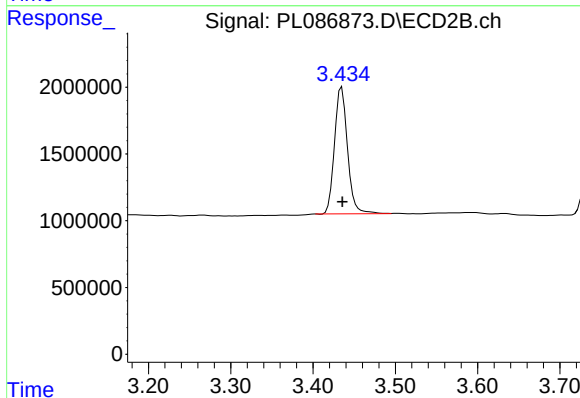
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 39585232
Conc: 9.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

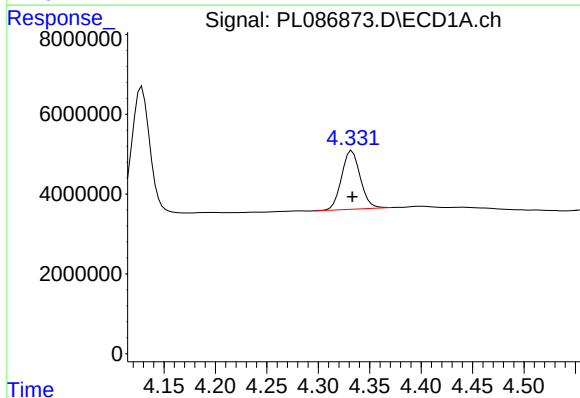
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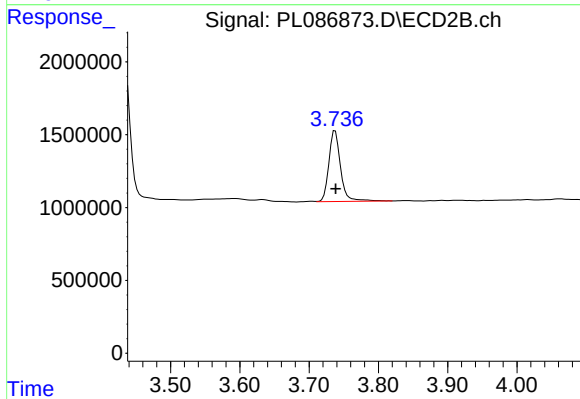
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 10443725
Conc: 8.55 ng/ml



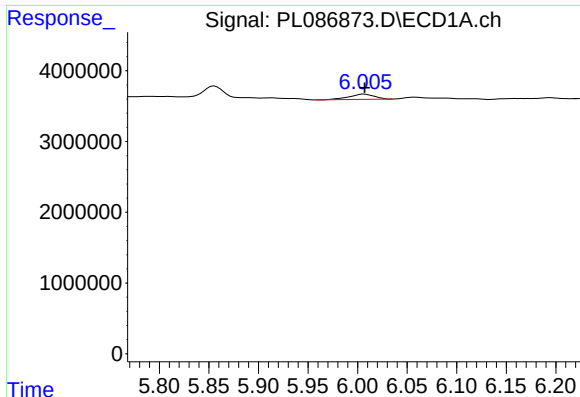
#6 beta-BHC

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 18504302
Conc: 9.89 ng/ml



#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 5710871
Conc: 10.79 ng/ml



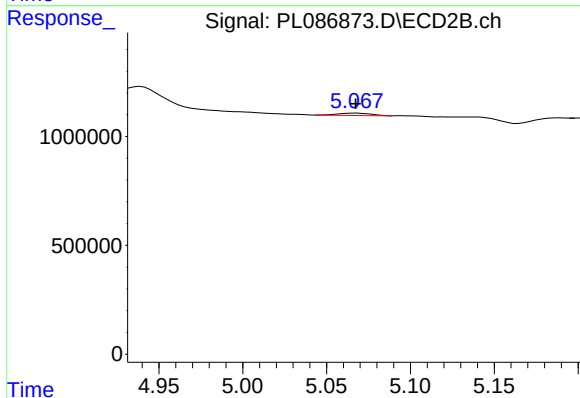
#12 4,4'-DDE

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 1316198
Conc: 0.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

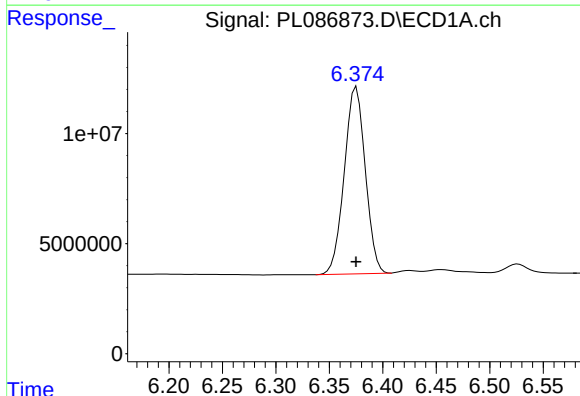
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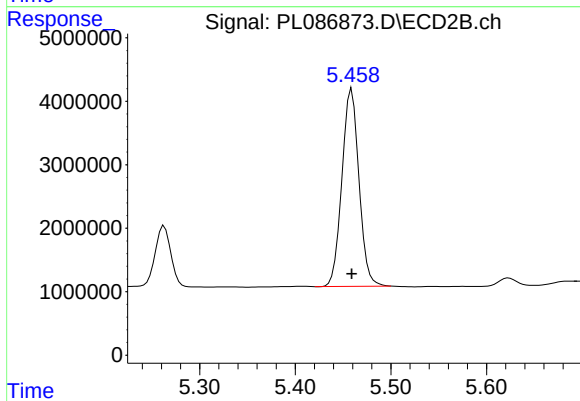
#12 4,4'-DDE

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 150061
Conc: 0.16 ng/ml m



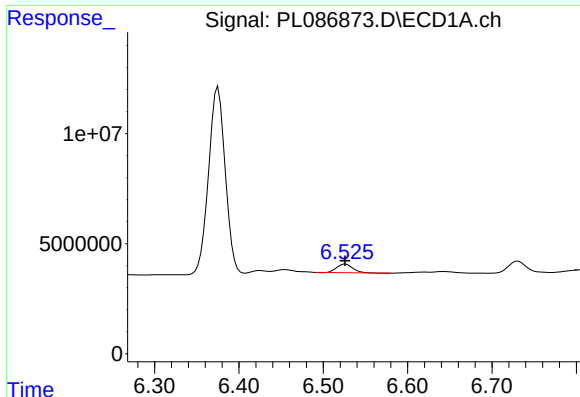
#14 Endrin

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 116175062
Conc: 45.07 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 38691155
Conc: 45.91 ng/ml



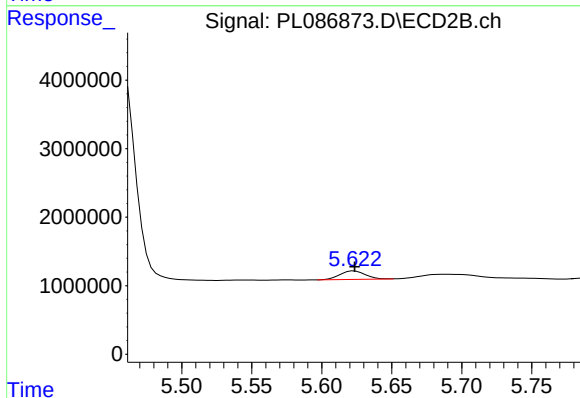
#16 4,4'-DDD

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 5204441
Conc: 2.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

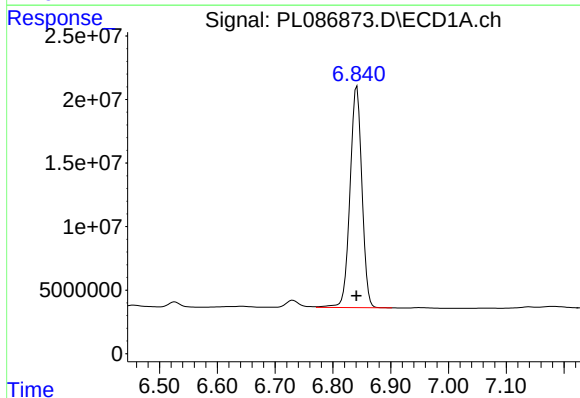
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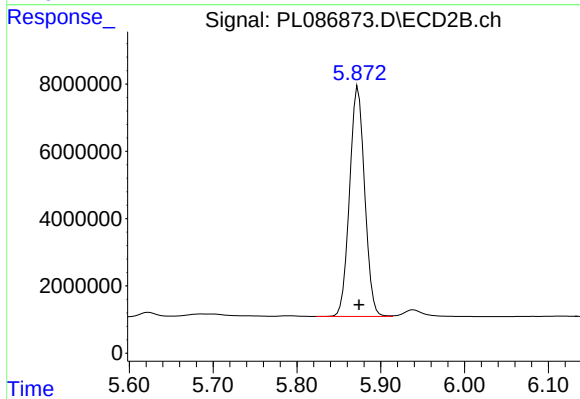
#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 1555431
Conc: 2.01 ng/ml m



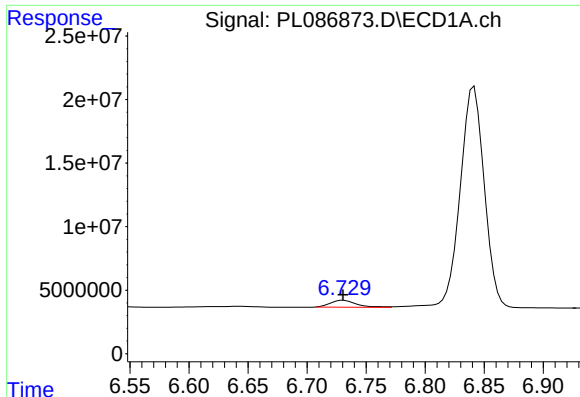
#17 4,4'-DDT

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 247687981
Conc: 96.50 ng/ml



#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.001 min
Response: 85676673
Conc: 106.24 ng/ml



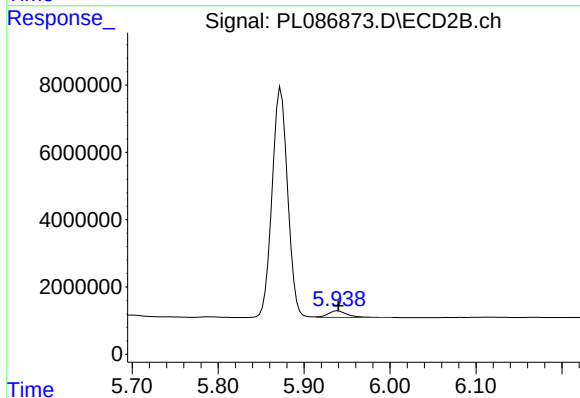
#18 Endrin aldehyde

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 8248868
Conc: 3.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

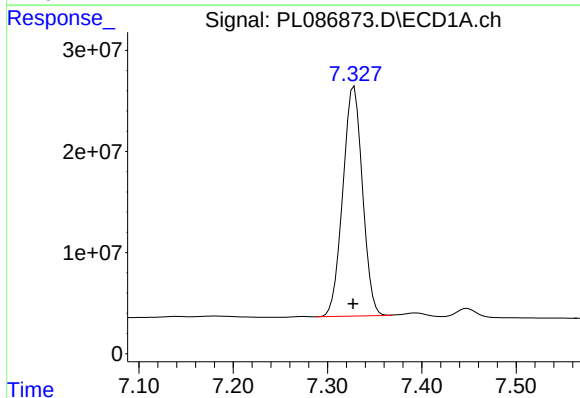
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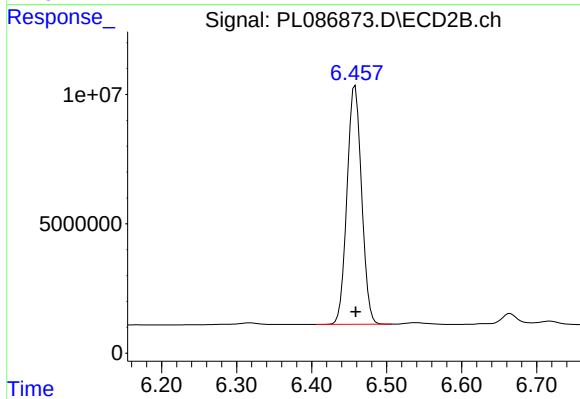
#18 Endrin aldehyde

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 3110111
Conc: 4.45 ng/ml



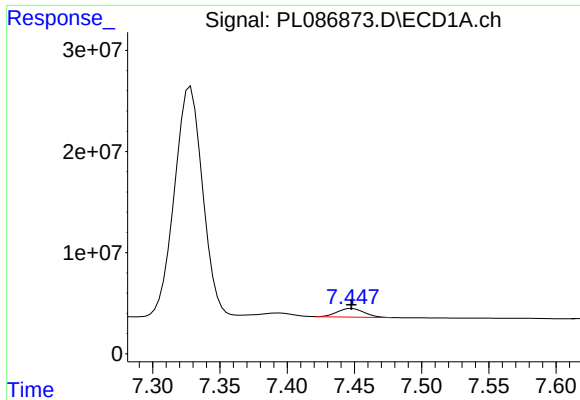
#20 Methoxychlor

R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 329535160
Conc: 249.56 ng/ml m



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 124565176
Conc: 242.01 ng/ml



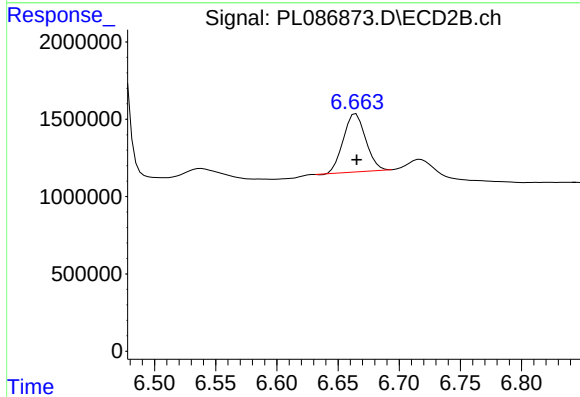
#21 Endrin ketone

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 11864785
Conc: 3.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

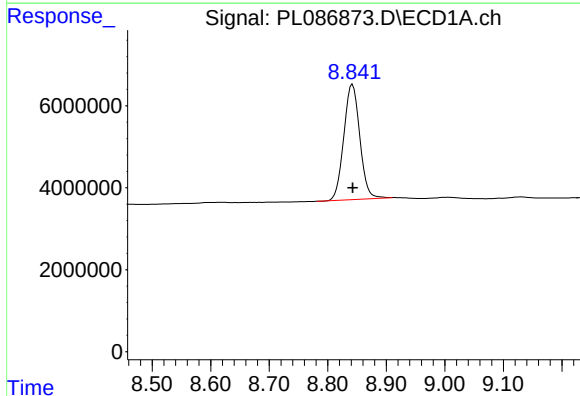
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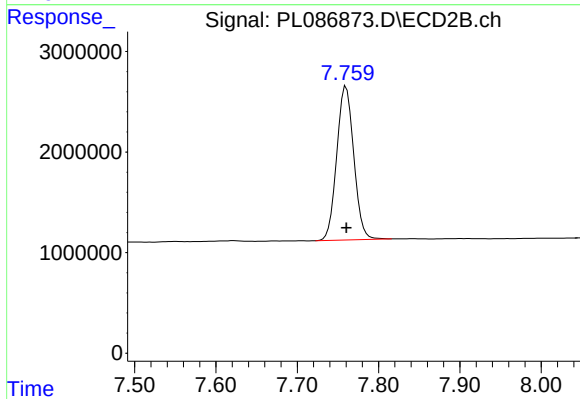
#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 4774871
Conc: 4.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.842 min
Delta R.T.: 0.000 min
Response: 53401508
Conc: 20.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 22232363
Conc: 20.16 ng/ml