

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
 Data File : PL086053.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 11:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/23/2023
 Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 22:33:25 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...	3.355	2.621	52943654	16359656	17.801	17.514
28)	SA Decachlor...	8.858	7.774	47045323	21162861	21.600	22.929
Target Compounds							
2)	A alpha-BHC	3.809	3.120	36517455	10647198	8.508	8.463
3)	MA gamma-BHC...	4.141	3.446	34648325	9751651	8.383	7.907m
6)	B beta-BHC	4.344	3.750	17078960	5689716	10.328	10.929
12)	B 4,4'-DDE	6.016	5.080	1132120	141302	0.405m	0.172m#
14)	MA Endrin	6.387	5.473	125.4E6	42175058	44.016	46.913
16)	A 4,4'-DDD	6.535	5.637	1939458	736997	0.963m	1.059
17)	MA 4,4'-DDT	6.852	5.887	240.9E6	92101068	102.211	116.473
18)	B Endrin al...	6.740	5.951	3335598	3098674	1.646m	4.155m#
20)	A Methoxychlor	7.338	6.472	322.2E6	133.0E6	230.687	252.811
21)	B Endrin ke...	7.459	6.678	5972829	3245650	2.074	2.824 #

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

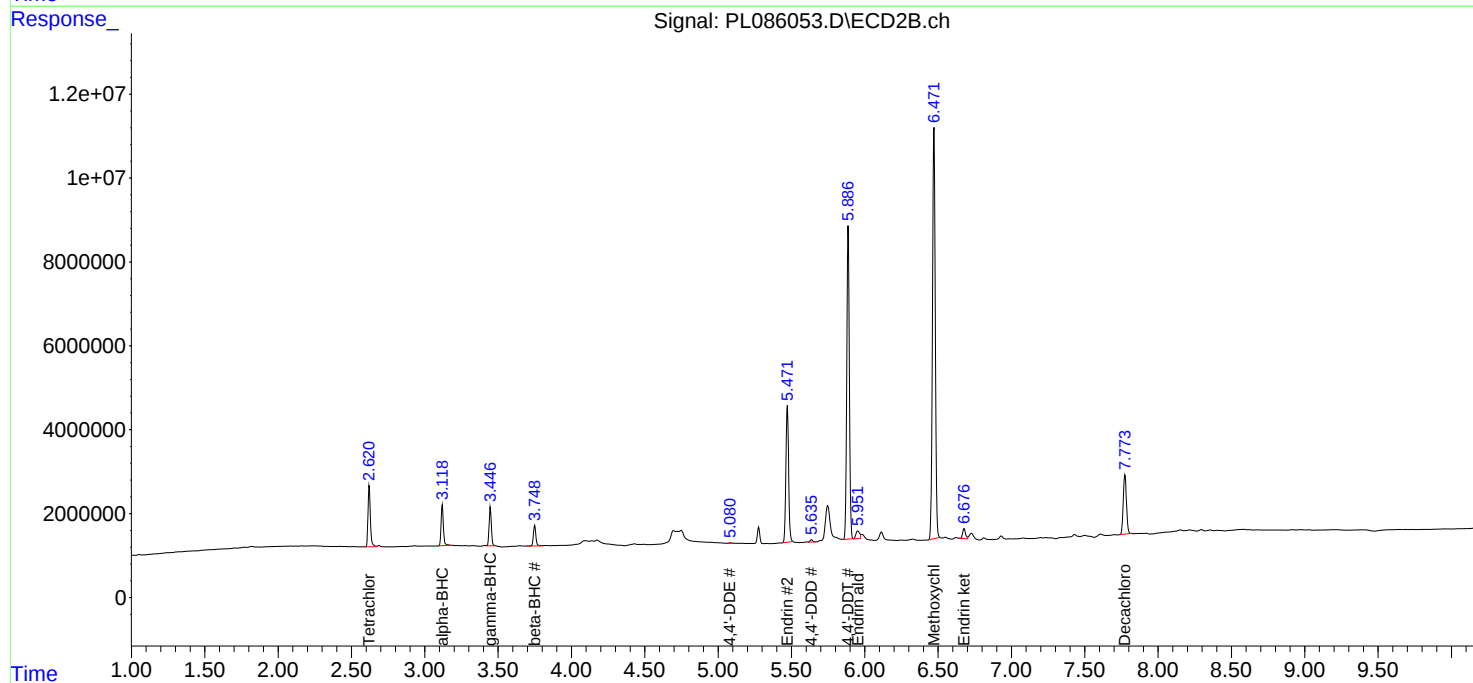
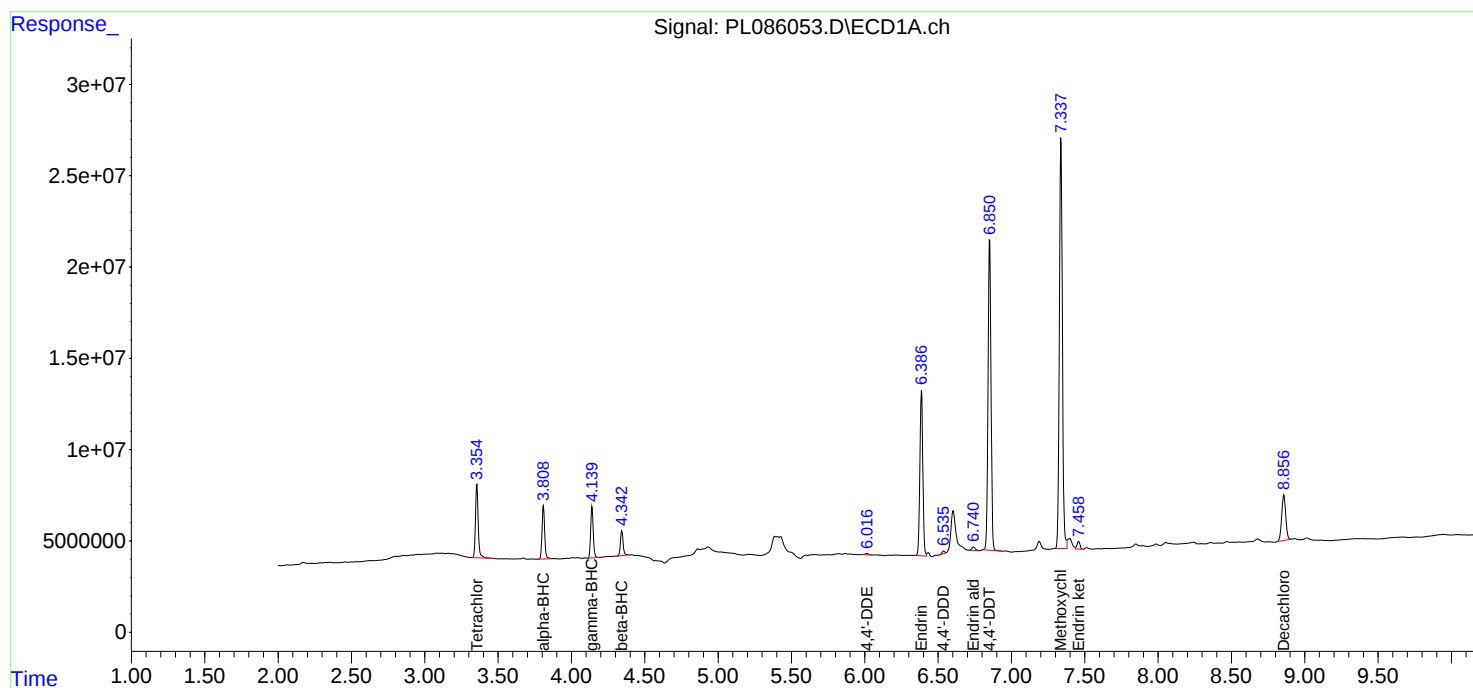
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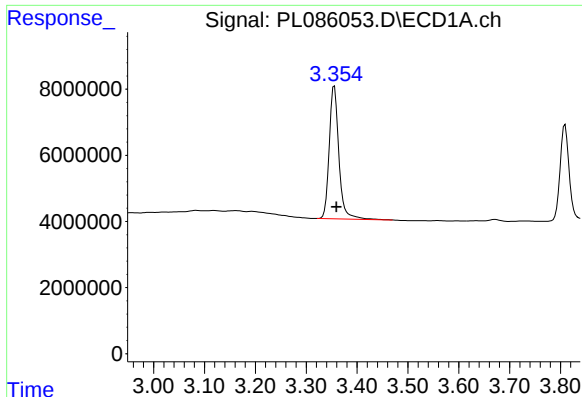
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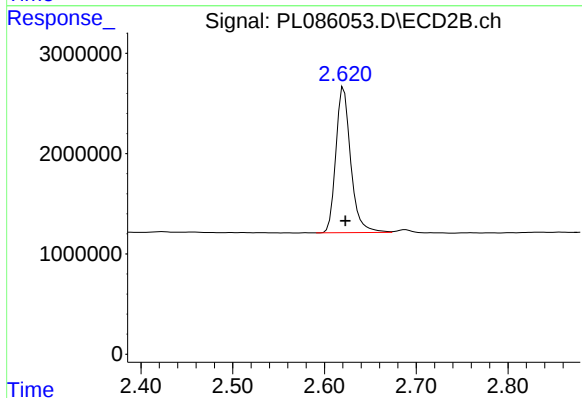
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 52943654
Conc: 17.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

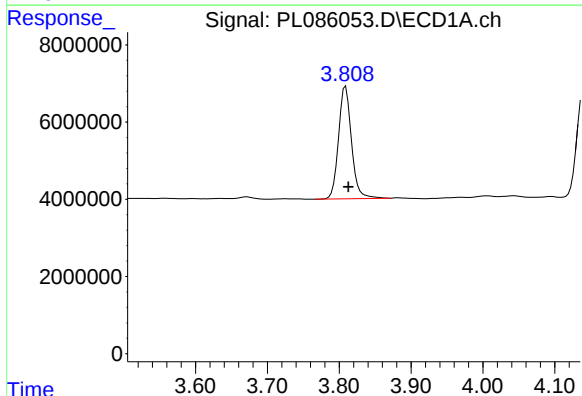
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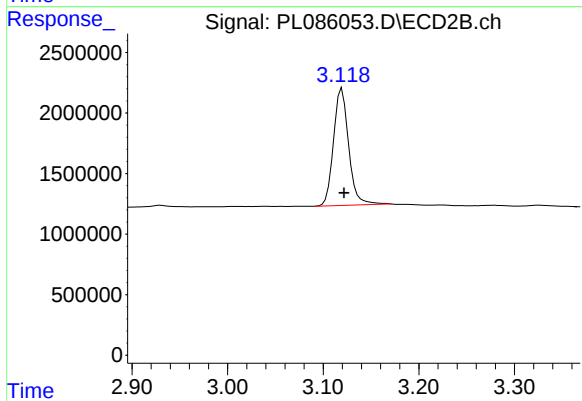
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 16359656
Conc: 17.51 ng/ml



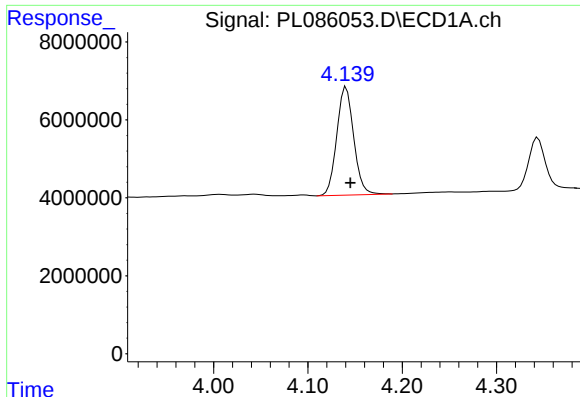
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 36517455
Conc: 8.51 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 10647198
Conc: 8.46 ng/ml



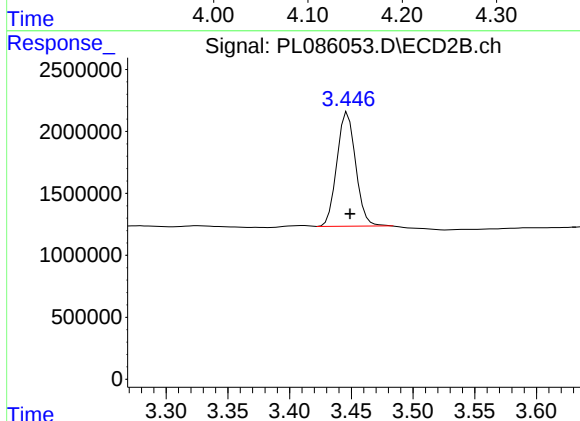
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 34648325
Conc: 8.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

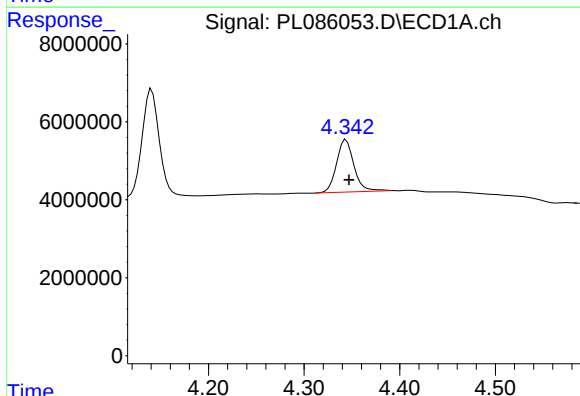
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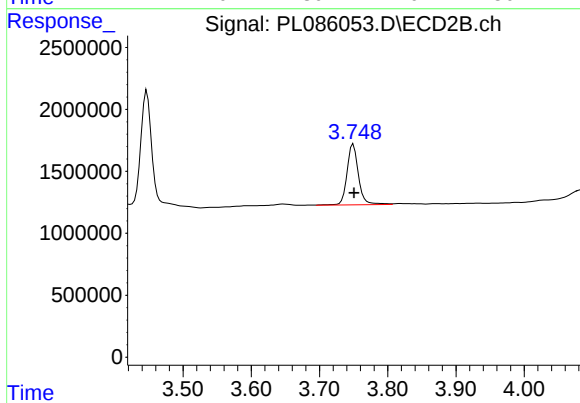
#3 gamma-BHC (Lindane)

R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 9751651
Conc: 7.91 ng/ml m



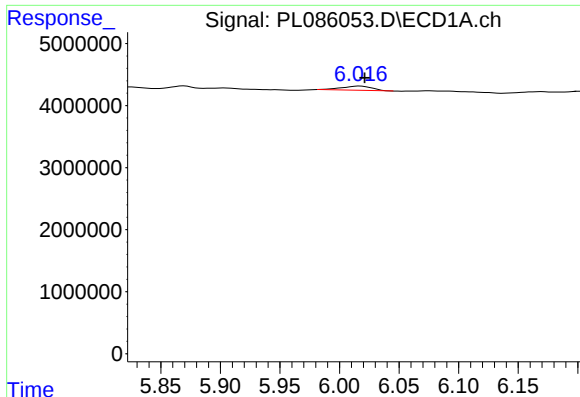
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 17078960
Conc: 10.33 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: -0.001 min
Response: 5689716
Conc: 10.93 ng/ml



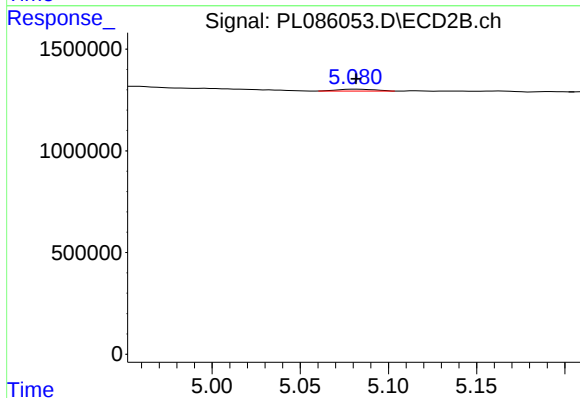
#12 4,4'-DDE

R.T.: 6.016 min
Delta R.T.: -0.005 min
Response: 1132120
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

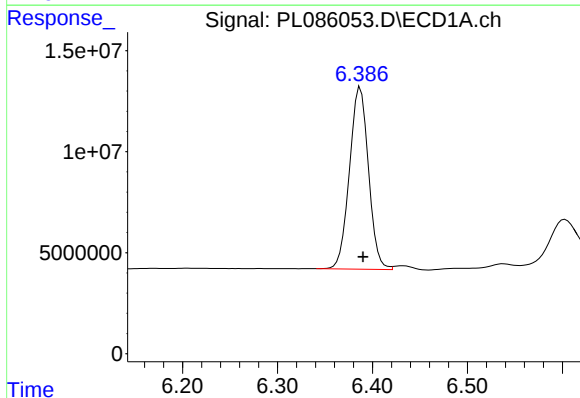
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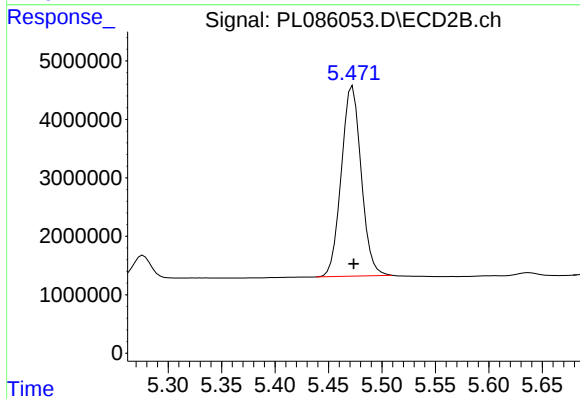
#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 141302
Conc: 0.17 ng/ml m



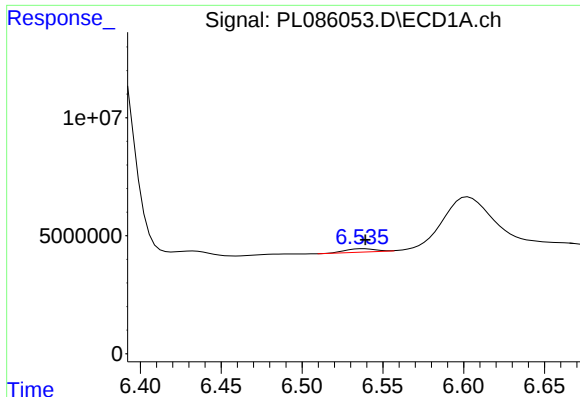
#14 Endrin

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 125435148
Conc: 44.02 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: -0.001 min
Response: 42175058
Conc: 46.91 ng/ml



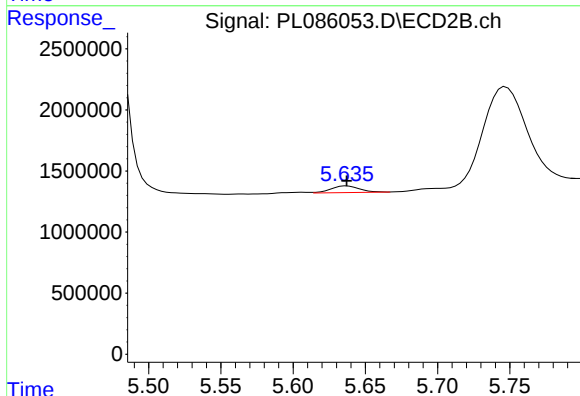
#16 4,4'-DDD

R.T.: 6.535 min
Delta R.T.: -0.004 min
Response: 1939458
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

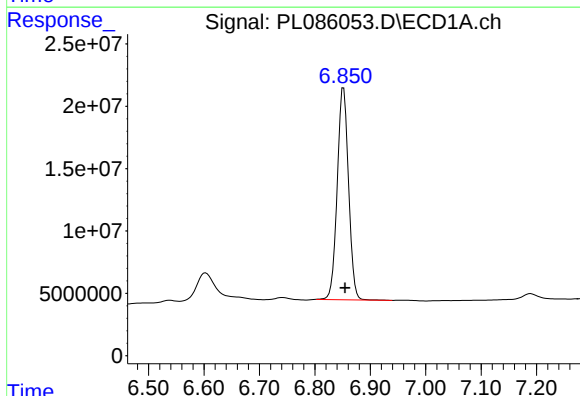
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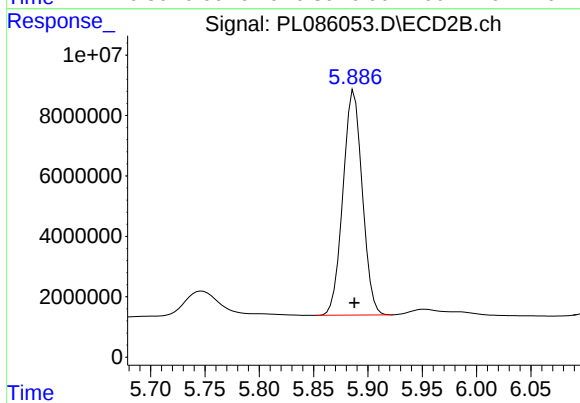
#16 4,4'-DDD

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 736997
Conc: 1.06 ng/ml



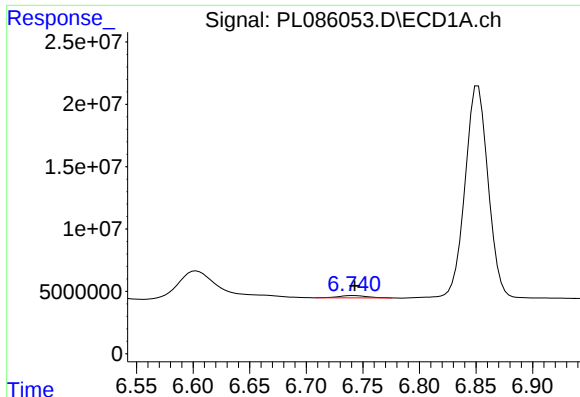
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 240920501
Conc: 102.21 ng/ml



#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 92101068
Conc: 116.47 ng/ml



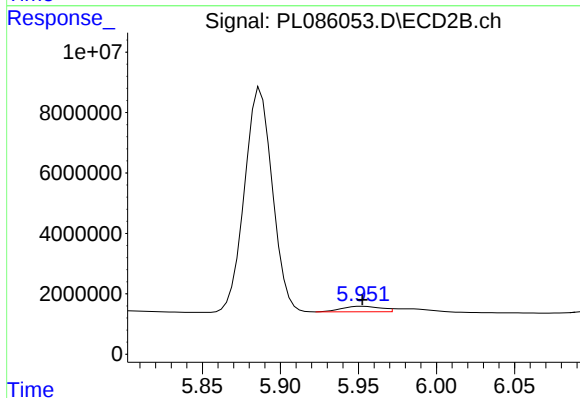
#18 Endrin aldehyde

R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 3335598
Conc: 1.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

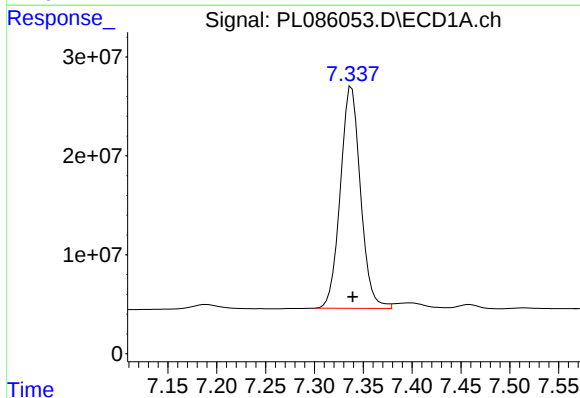
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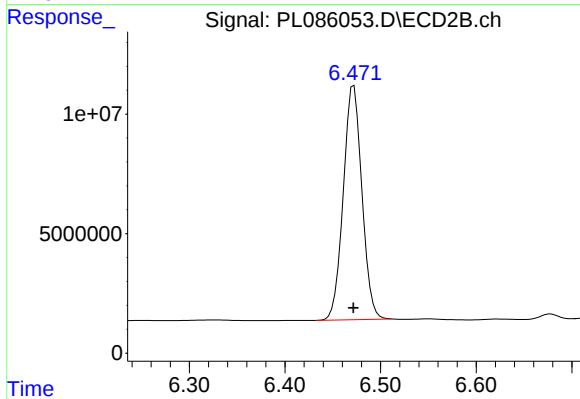
#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 3098674
Conc: 4.16 ng/ml m



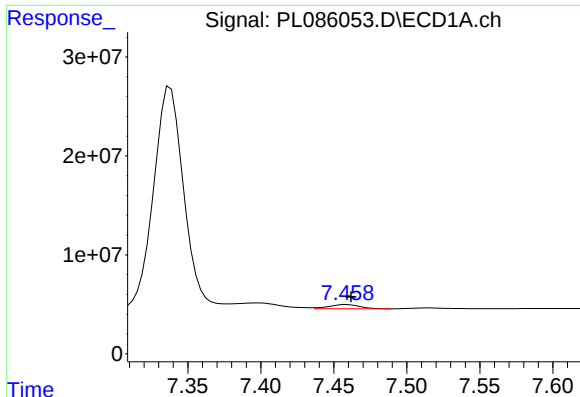
#20 Methoxychlor

R.T.: 7.338 min
Delta R.T.: -0.001 min
Response: 322182188
Conc: 230.69 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 132998160
Conc: 252.81 ng/ml



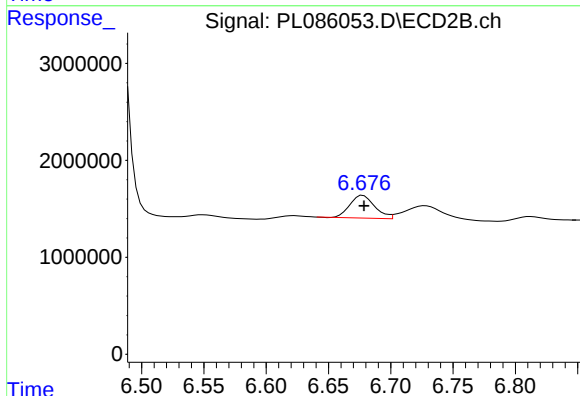
#21 Endrin ketone

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 5972829
Conc: 2.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

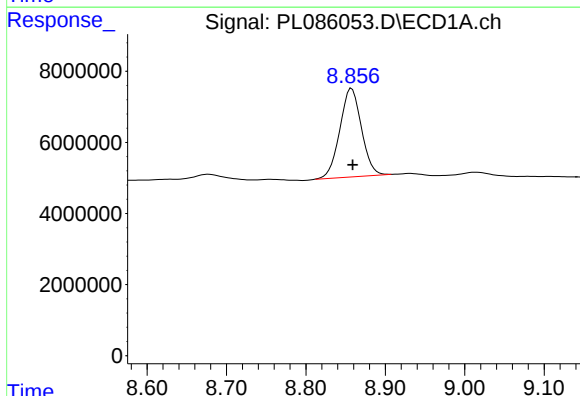
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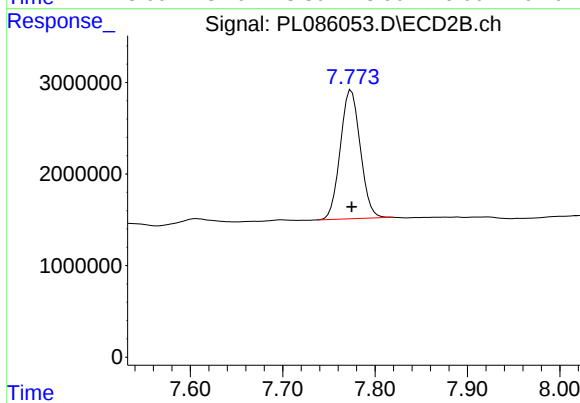
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 3245650
Conc: 2.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.858 min
Delta R.T.: -0.001 min
Response: 47045323
Conc: 21.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 21162861
Conc: 22.93 ng/ml