

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112223\
 Data File : PL086796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2023 08:35
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/24/2023
 Supervised By :Ankita Jodhani 11/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 20:32:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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...	3.352	2.617	64890237	19655556	19.984	19.962
28)	SA Decachlor...	8.856	7.768	54874718	24586525	18.747	20.360
Target Compounds							
2)	A alpha-BHC	3.806	3.115	45505857	12341959	9.460	9.259
3)	MA gamma-BHC...	4.138	3.442	43941127	12066254	9.340	9.092
6)	B beta-BHC	4.342	3.745	22172870	6776730	10.963	11.370
12)	B 4,4'-DDE	6.015	5.074	1085318	156731	0.313	0.153 #
14)	MA Endrin	6.384	5.466	140.8E6	50138127	40.892	45.774
16)	A 4,4'-DDD	6.535	5.630	6638552	2256387	2.493	2.648
17)	MA 4,4'-DDT	6.850	5.881	277.8E6	105.0E6	93.728	107.442
18)	B Endrin al...	6.739	5.945	6216440	3725878	2.345	3.977m#
20)	A Methoxychlor	7.337	6.466	352.3E6	144.1E6	220.785	240.841
21)	B Endrin ke...	7.457	6.672	9773125	5125046	2.868	4.000 #

(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

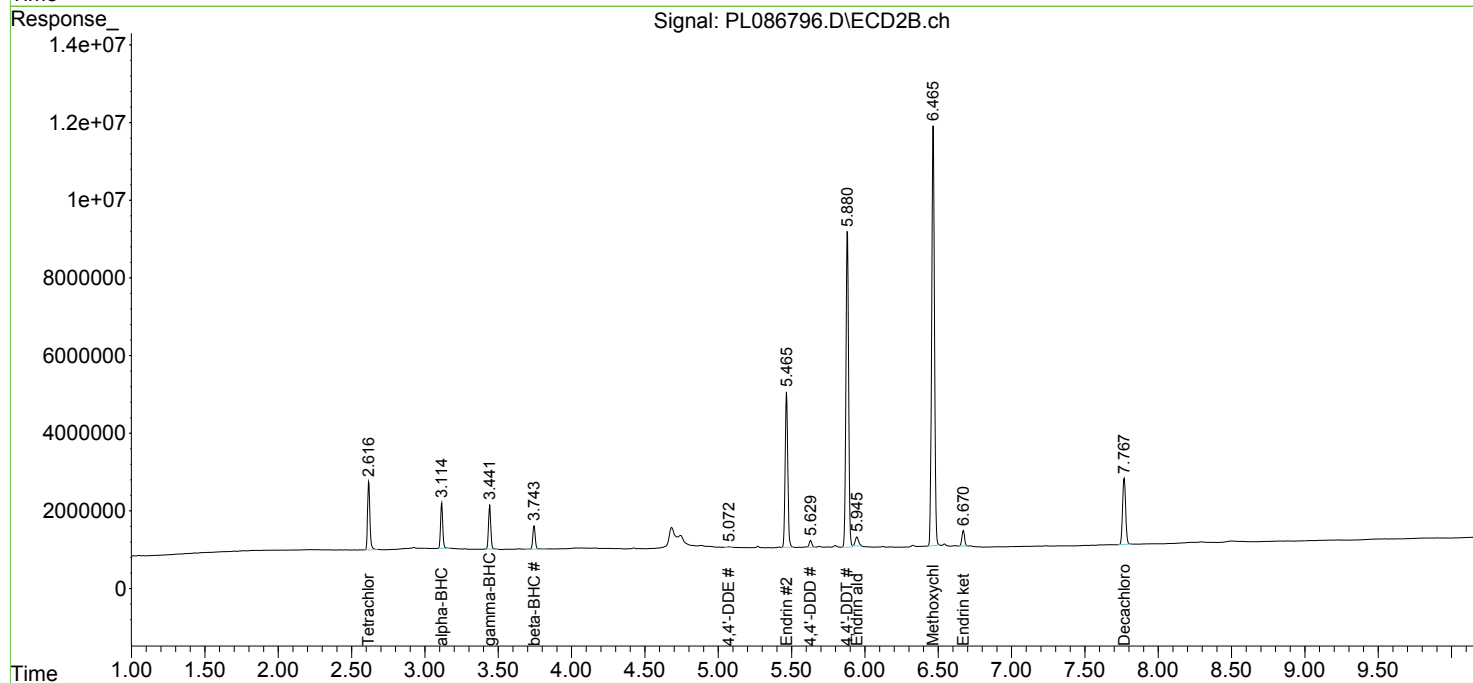
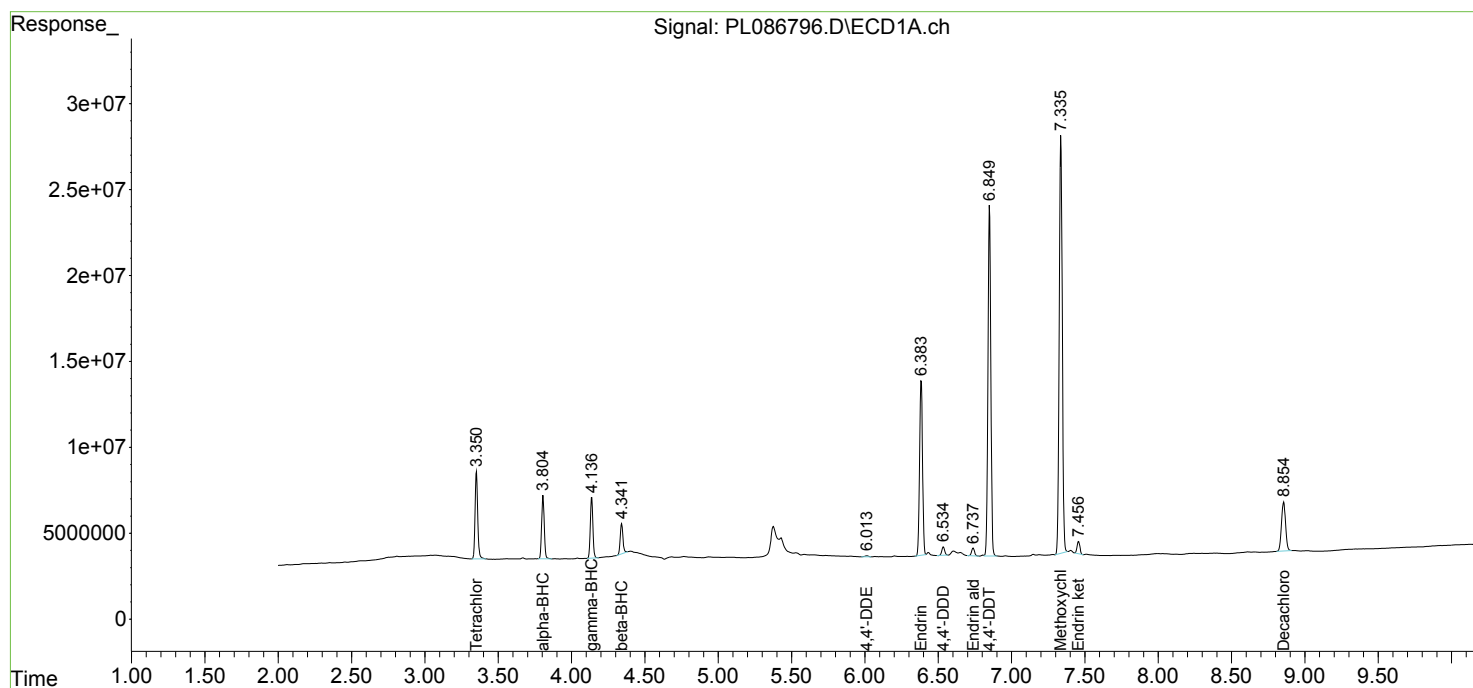
Instrument :
ECD_L
ClientSampleId :
PEM

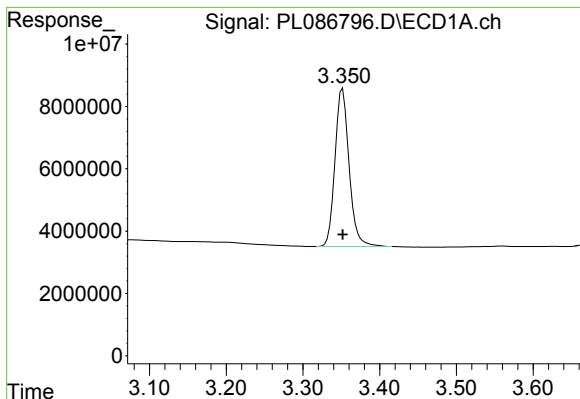
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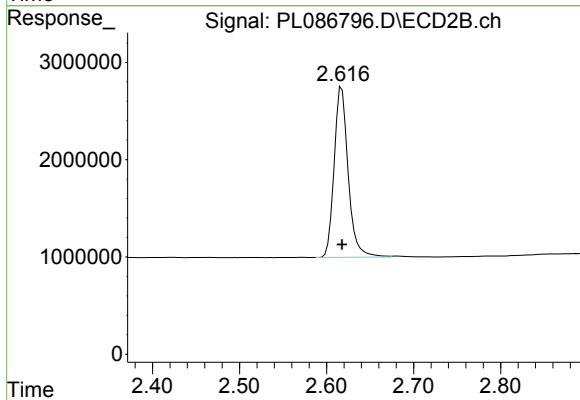
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 64890237
Conc: 19.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

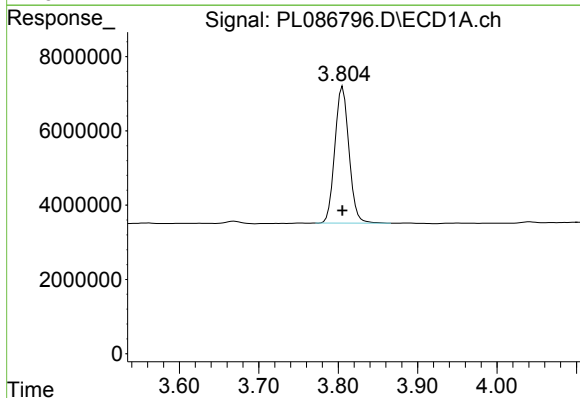
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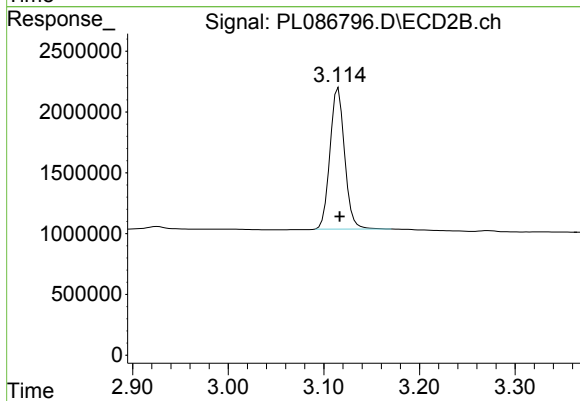
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: 0.000 min
Response: 19655556
Conc: 19.96 ng/ml



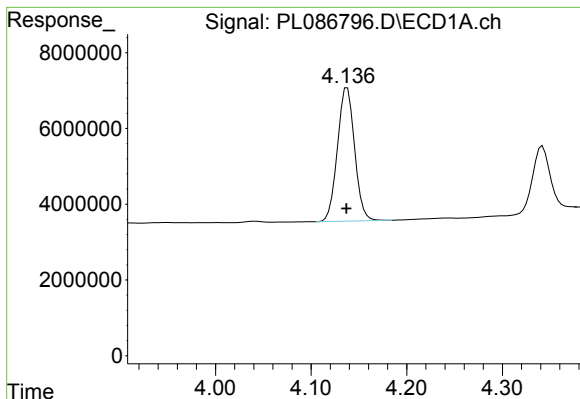
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 45505857
Conc: 9.46 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.001 min
Response: 12341959
Conc: 9.26 ng/ml



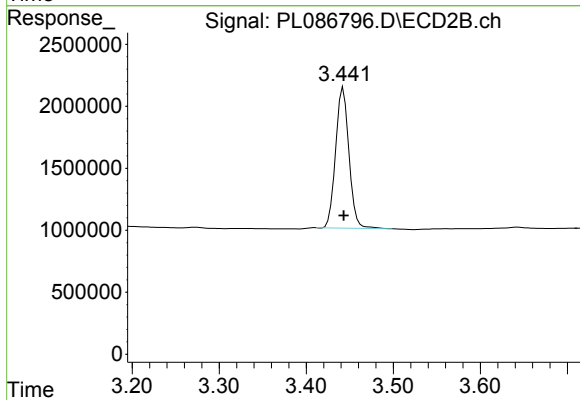
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 43941127
Conc: 9.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

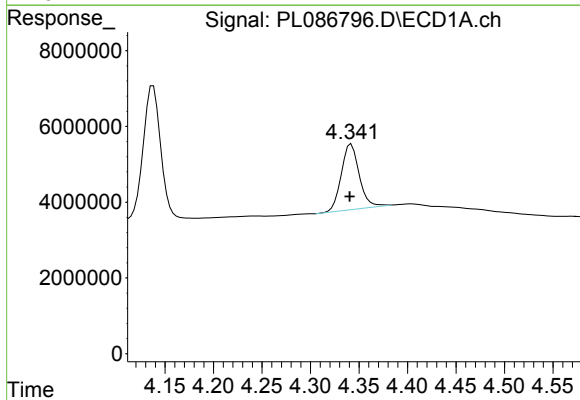
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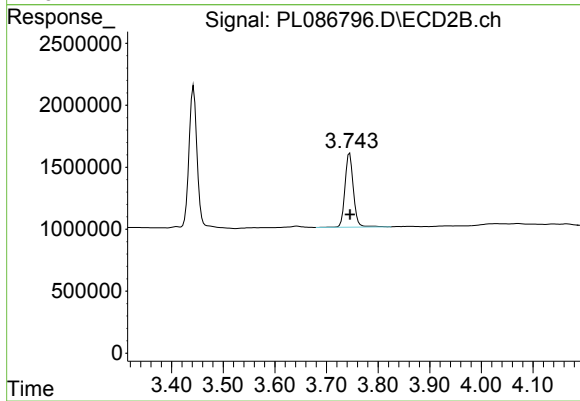
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 12066254
Conc: 9.09 ng/ml



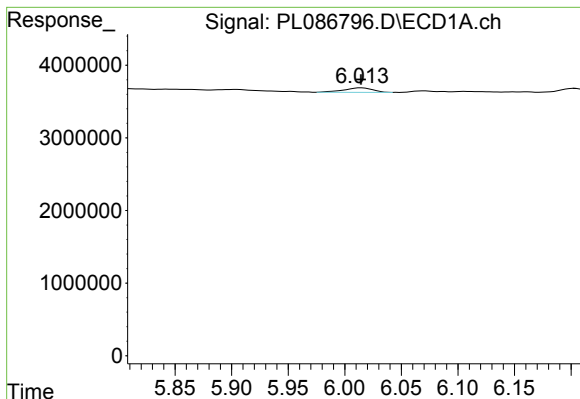
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.002 min
Response: 22172870
Conc: 10.96 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 6776730
Conc: 11.37 ng/ml



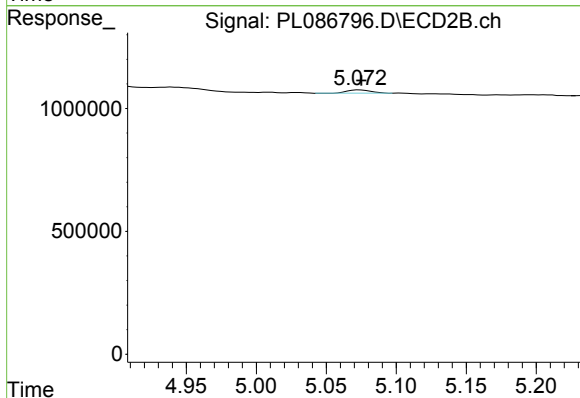
#12 4,4'-DDE

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 1085318
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

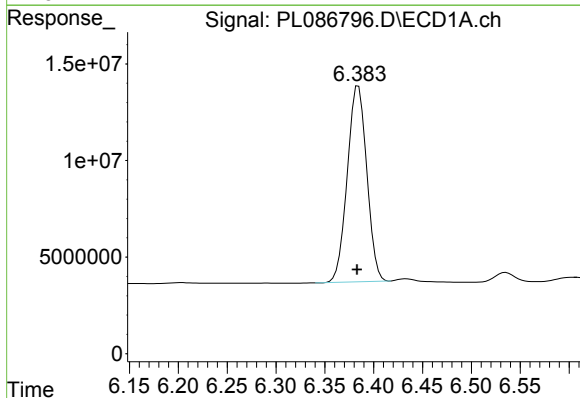
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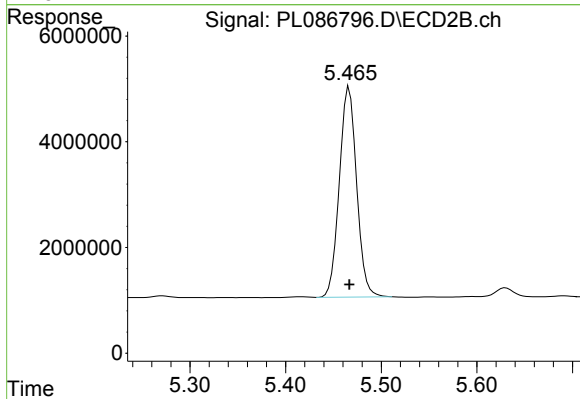
#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: -0.001 min
Response: 156731
Conc: 0.15 ng/ml



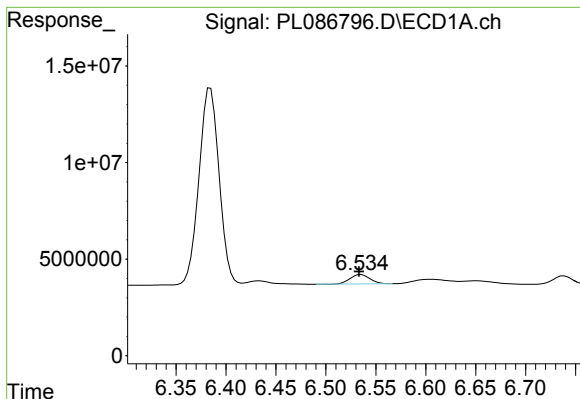
#14 Endrin

R.T.: 6.384 min
Delta R.T.: 0.001 min
Response: 140847468
Conc: 40.89 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 50138127
Conc: 45.77 ng/ml



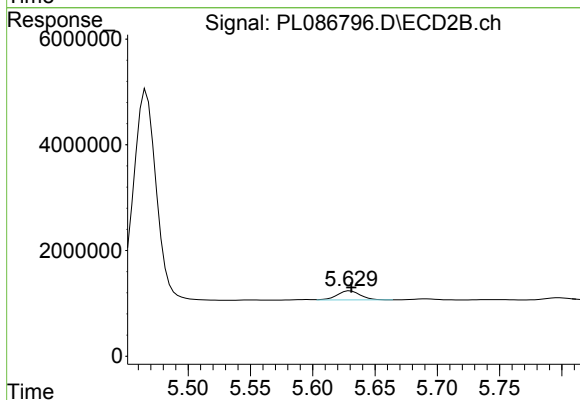
#16 4,4'-DDD

R.T.: 6.535 min
Delta R.T.: 0.002 min
Response: 6638552
Conc: 2.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

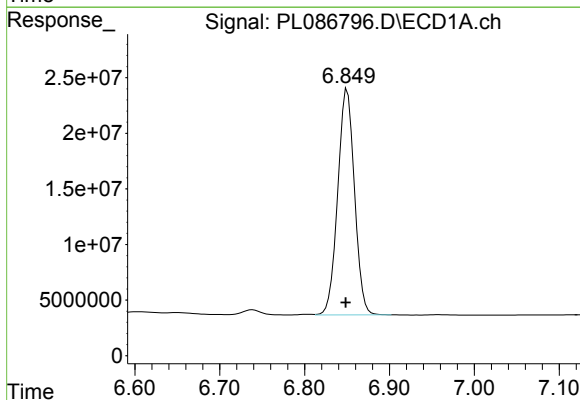
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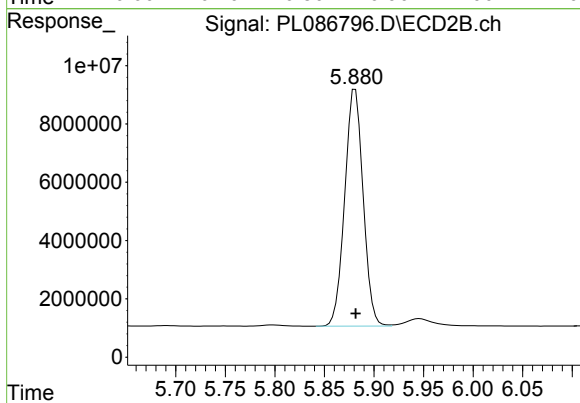
#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 2256387
Conc: 2.65 ng/ml



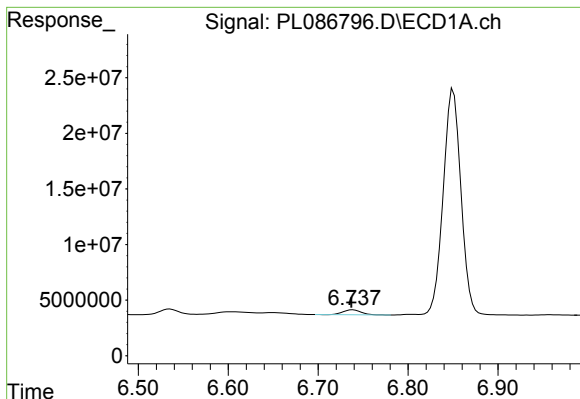
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 277840333
Conc: 93.73 ng/ml



#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 105032217
Conc: 107.44 ng/ml



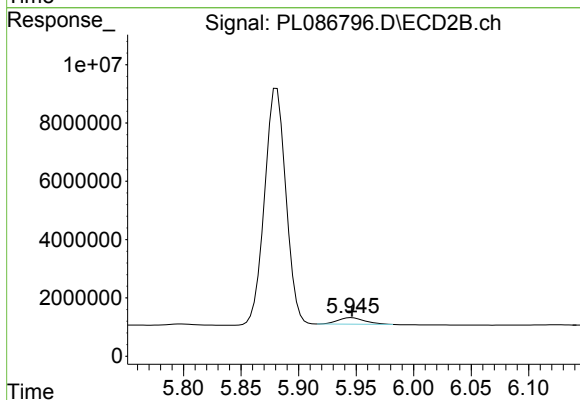
#18 Endrin aldehyde

R.T.: 6.739 min
Delta R.T.: 0.002 min
Response: 6216440
Conc: 2.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

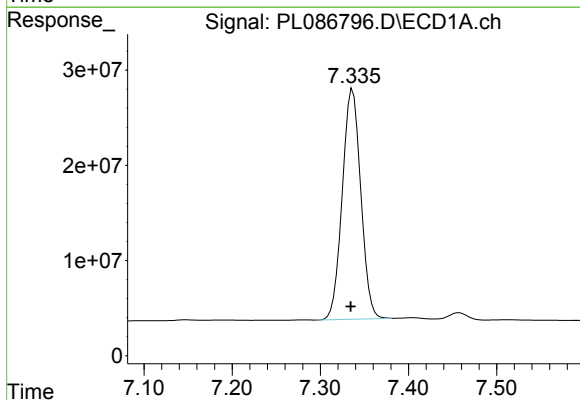
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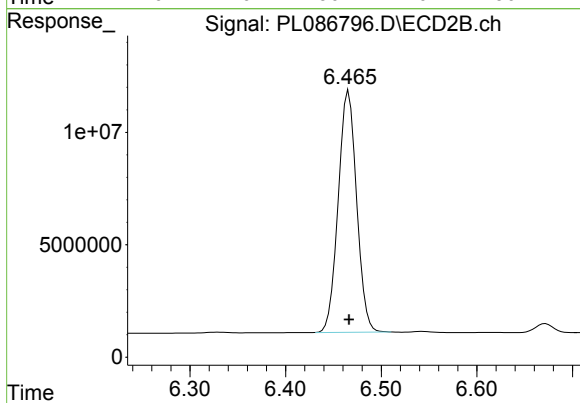
#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 3725878
Conc: 3.98 ng/ml m



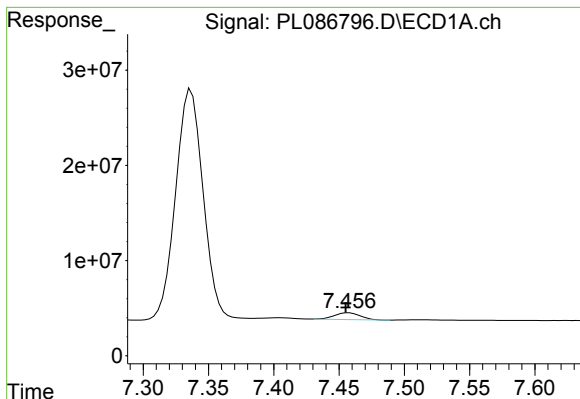
#20 Methoxychlor

R.T.: 7.337 min
Delta R.T.: 0.002 min
Response: 352344698
Conc: 220.78 ng/ml



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 144063785
Conc: 240.84 ng/ml



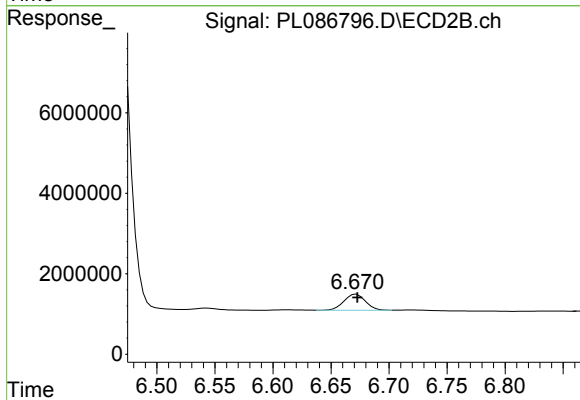
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: 0.002 min
Response: 9773125
Conc: 2.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

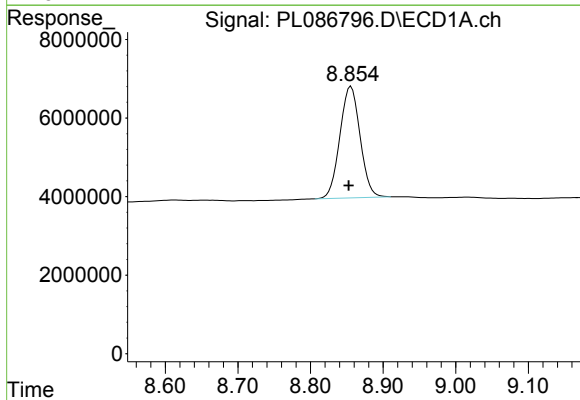
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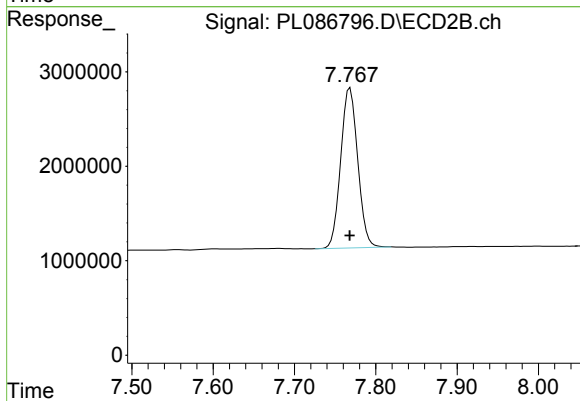
#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 5125046
Conc: 4.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.856 min
Delta R.T.: 0.003 min
Response: 54874718
Conc: 18.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 24586525
Conc: 20.36 ng/ml