

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120623\
 Data File : PL087005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2023 18:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :Ankita Jodhani 12/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 00:55:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 07 00:53:18 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...	3.449	2.699	60714806	18458191	18.813	18.869
28)	SA Decachlor...	9.048	7.899	43861437	19224889	19.189	19.979
Target Compounds							
2)	A alpha-BHC	3.908	3.207	40574021	11422657	9.016	8.913
3)	MA gamma-BHC...	4.243	3.538	38394265	11287350	9.247	8.911
6)	B beta-BHC	4.444	3.840	17554298	5999712	10.323	10.575
12)	B 4,4'-DDE	6.139	5.186	586453	138620	0.234	0.156m#
14)	MA Endrin	6.513	5.587	98024890	37921443	44.420	46.484
16)	A 4,4'-DDD	6.664	5.747	5749902	2132357	2.861	2.751
17)	MA 4,4'-DDT	6.983	6.001	198.4E6	79640939	99.935	104.892
18)	B Endrin al...	6.869	6.066	5884677	2376440	3.243m	3.470m
20)	A Methoxychlor	7.476	6.588	273.6E6	115.4E6	257.046	241.459
21)	B Endrin ke...	7.596	6.796	9558327	4036802	3.748	3.992m

(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

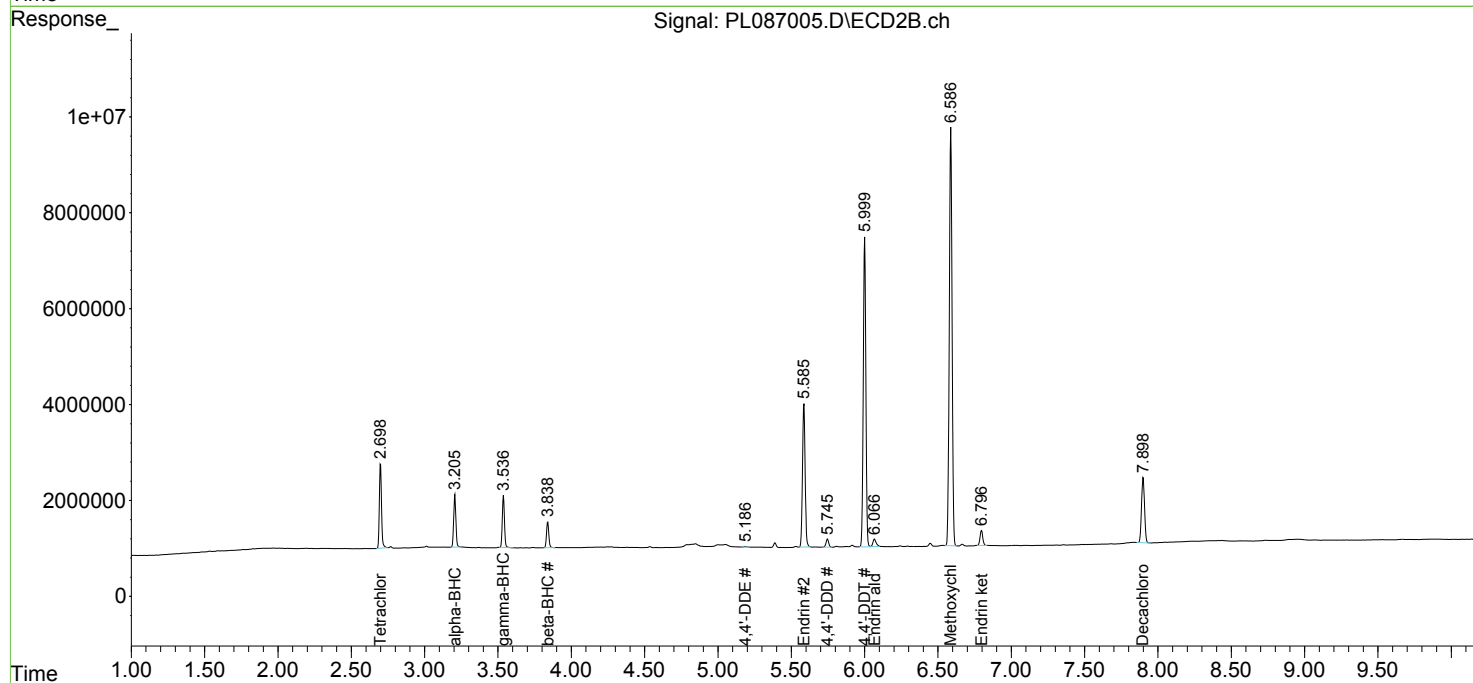
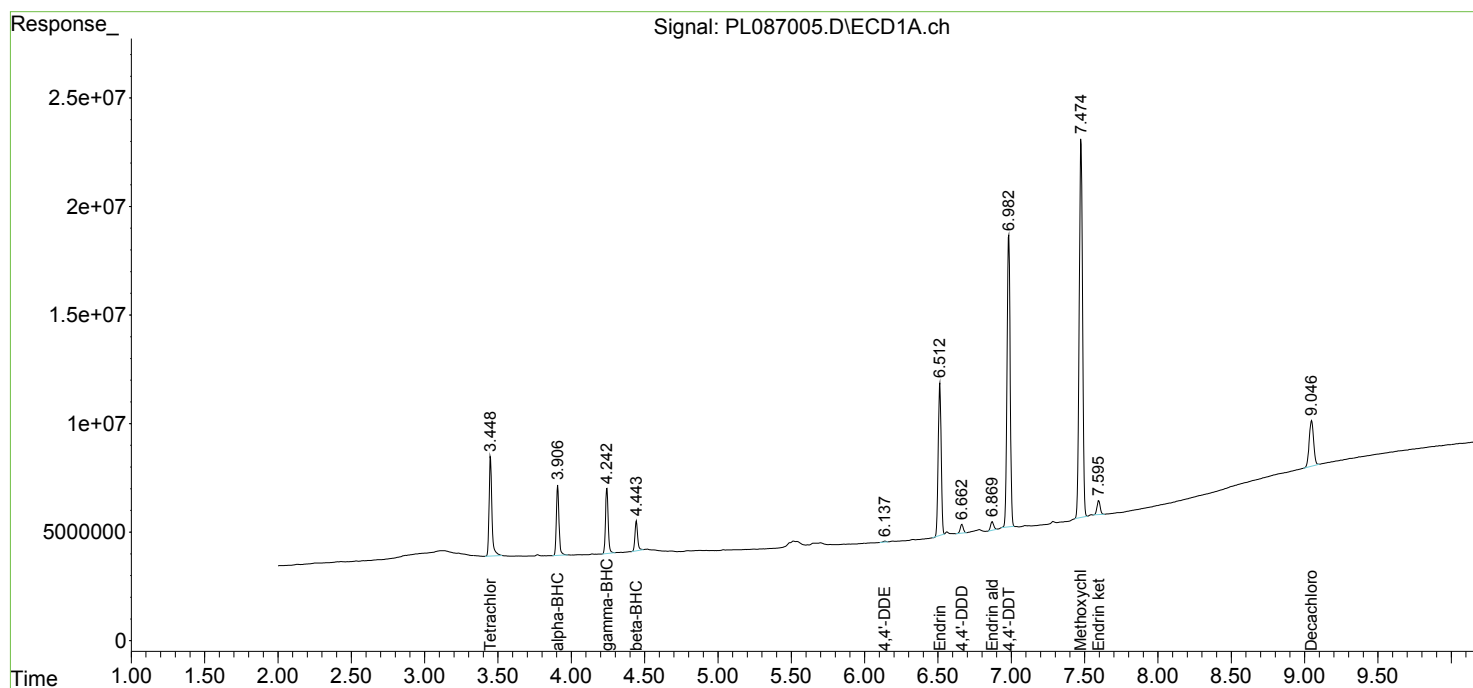
Instrument :
ECD_L
ClientSampleId :
PEM

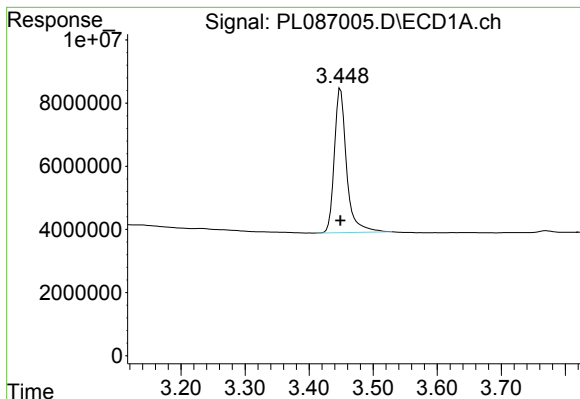
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Integration File signal 1: autoint1.e
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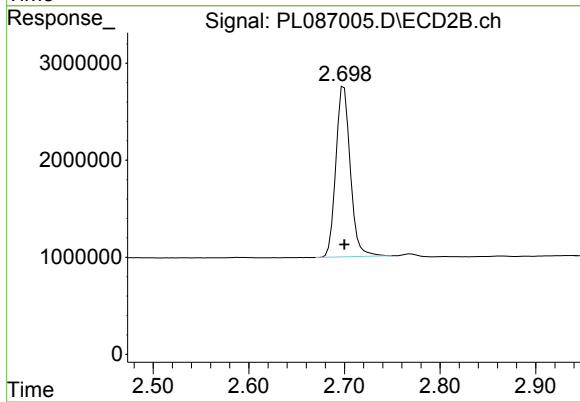
#1 Tetrachloro-m-xylene

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 60714806
Conc: 18.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

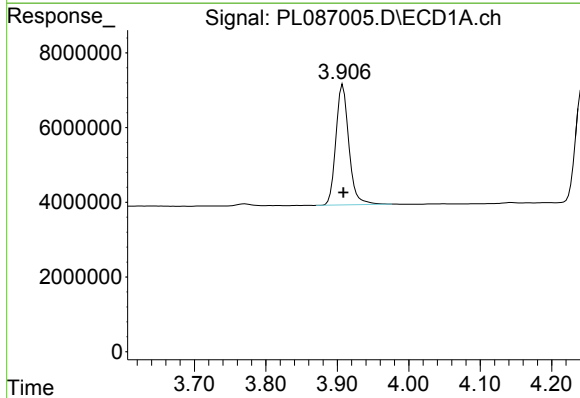
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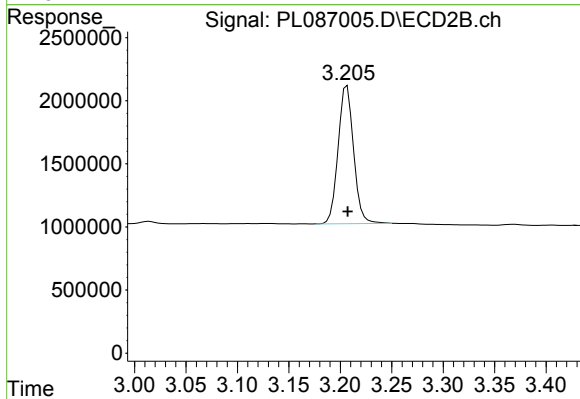
#1 Tetrachloro-m-xylene

R.T.: 2.699 min
Delta R.T.: 0.000 min
Response: 18458191
Conc: 18.87 ng/ml



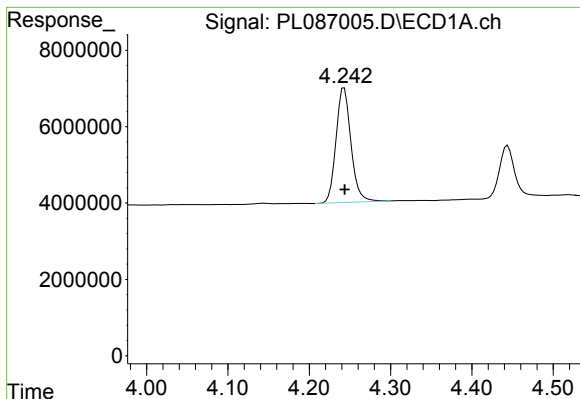
#2 alpha-BHC

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 40574021
Conc: 9.02 ng/ml



#2 alpha-BHC

R.T.: 3.207 min
Delta R.T.: 0.000 min
Response: 11422657
Conc: 8.91 ng/ml



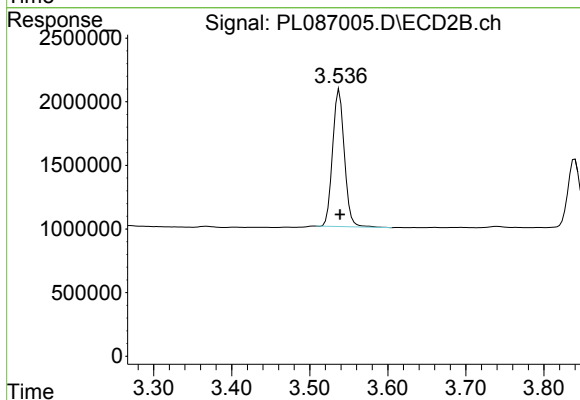
#3 gamma-BHC (Lindane)

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 38394265
Conc: 9.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

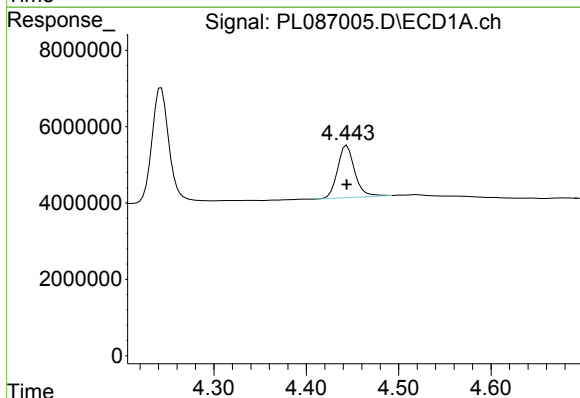
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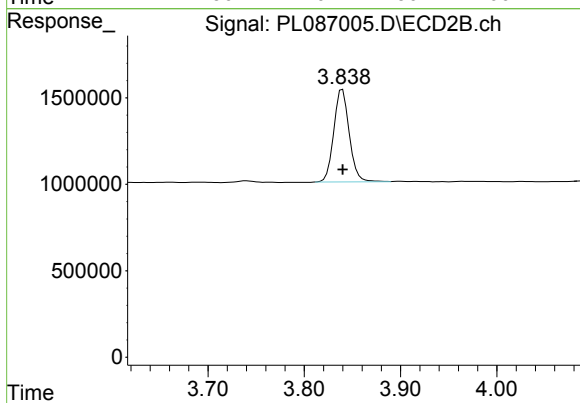
#3 gamma-BHC (Lindane)

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 11287350
Conc: 8.91 ng/ml



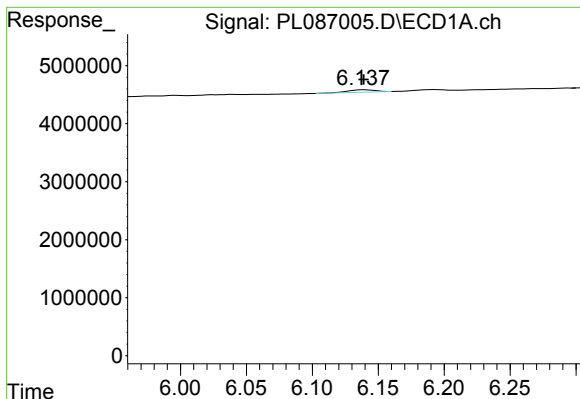
#6 beta-BHC

R.T.: 4.444 min
Delta R.T.: 0.000 min
Response: 17554298
Conc: 10.32 ng/ml



#6 beta-BHC

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 5999712
Conc: 10.58 ng/ml



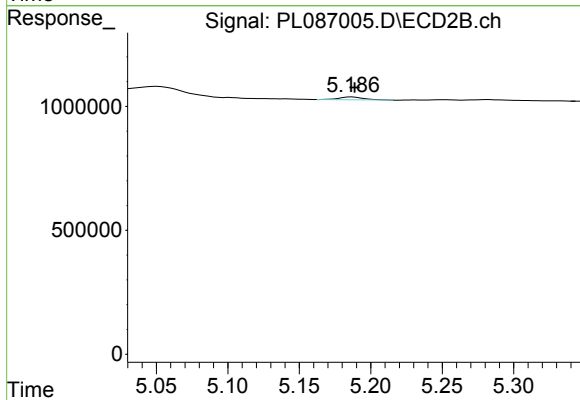
#12 4,4'-DDE

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 586453
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

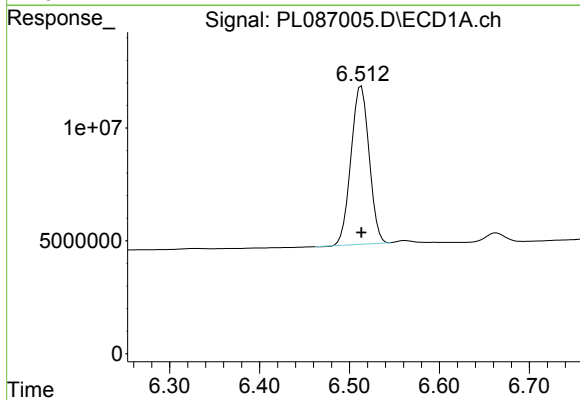
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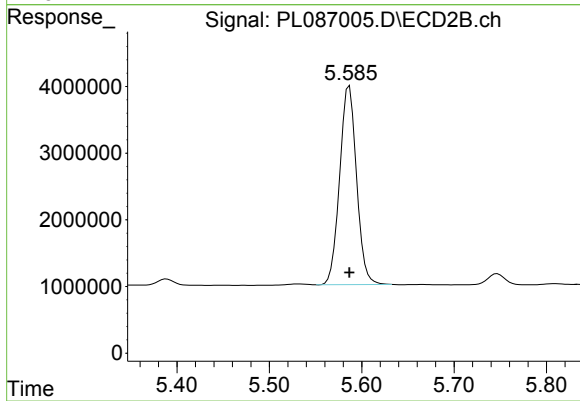
#12 4,4'-DDE

R.T.: 5.186 min
Delta R.T.: -0.003 min
Response: 138620
Conc: 0.16 ng/ml m



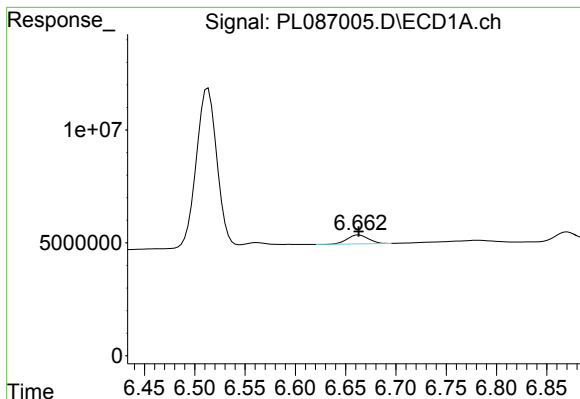
#14 Endrin

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 98024890
Conc: 44.42 ng/ml



#14 Endrin

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 37921443
Conc: 46.48 ng/ml



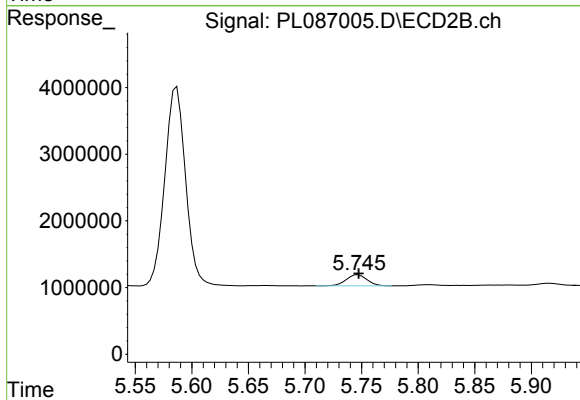
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 5749902
Conc: 2.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

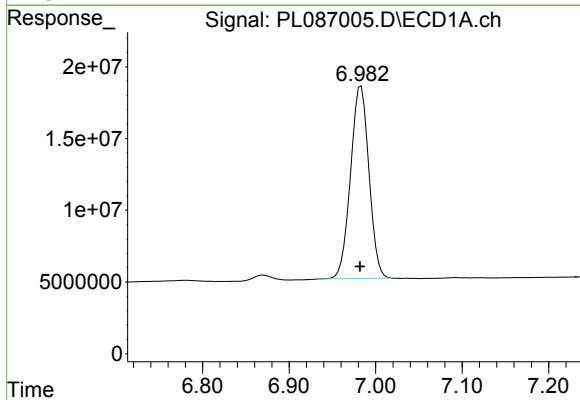
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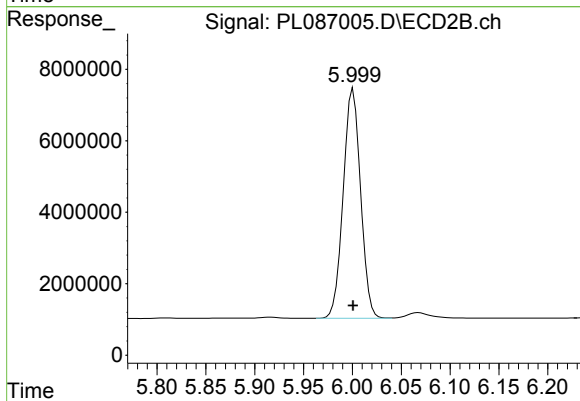
#16 4,4'-DDD

R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 2132357
Conc: 2.75 ng/ml



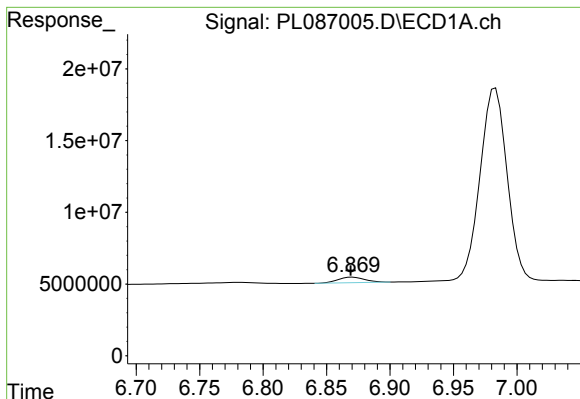
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.001 min
Response: 198371402
Conc: 99.93 ng/ml



#17 4,4'-DDT

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 79640939
Conc: 104.89 ng/ml



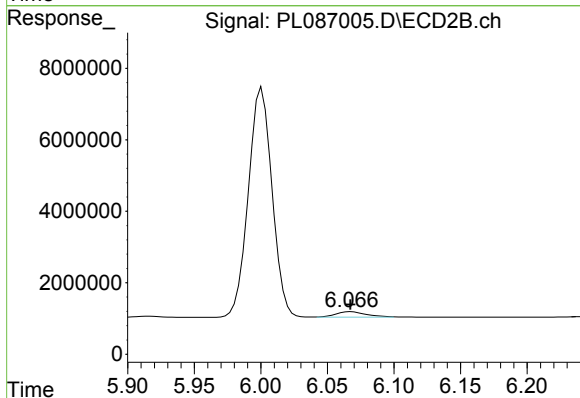
#18 Endrin aldehyde

R.T.: 6.869 min
Delta R.T.: 0.000 min
Response: 5884677
Conc: 3.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

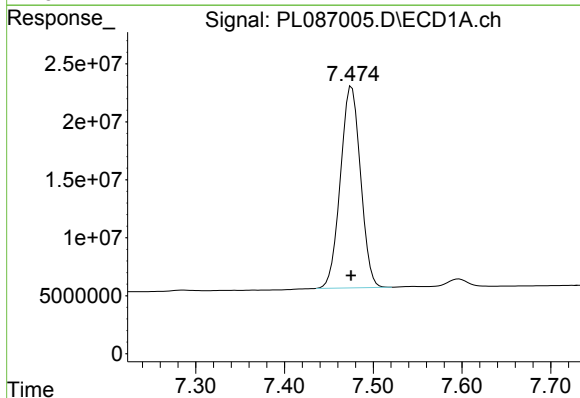
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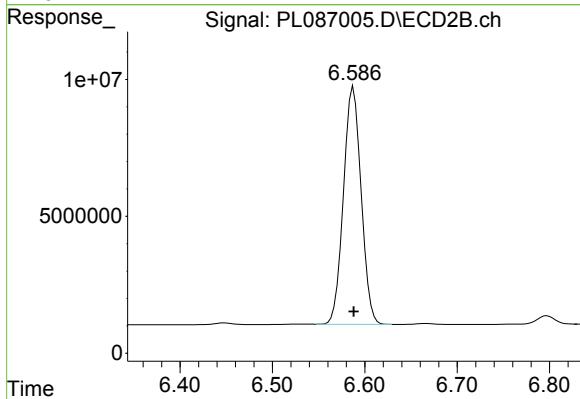
#18 Endrin aldehyde

R.T.: 6.066 min
Delta R.T.: -0.001 min
Response: 2376440
Conc: 3.47 ng/ml m



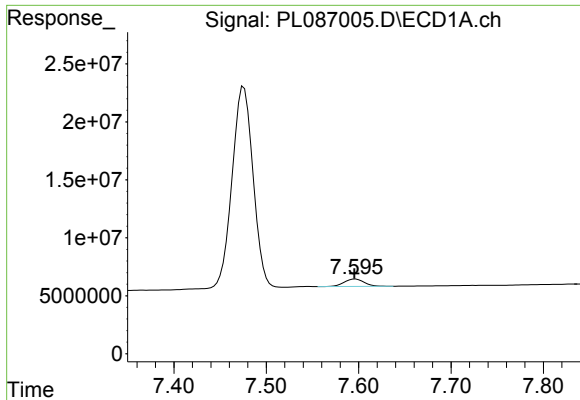
#20 Methoxychlor

R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 273627779
Conc: 257.05 ng/ml



#20 Methoxychlor

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 115443751
Conc: 241.46 ng/ml



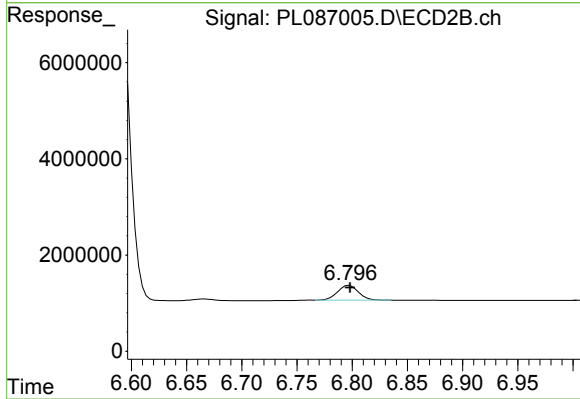
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 9558327
Conc: 3.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

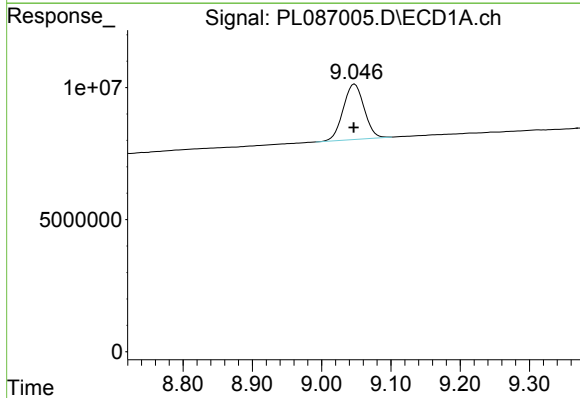
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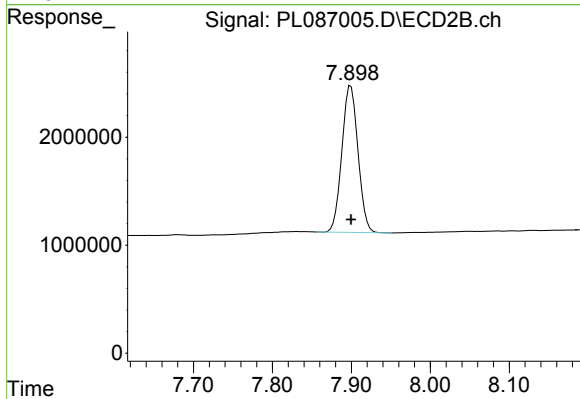
#21 Endrin ketone

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 4036802
Conc: 3.99 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: 0.001 min
Response: 43861437
Conc: 19.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 19224889
Conc: 19.98 ng/ml