

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042123\
 Data File : PL082249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 15:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2023
 Supervised By : Ankita Jodhani 04/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 21:51:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.323	2.648	48133751	41067774	18.019	17.727
28)	SA Decachlor...	8.741	7.758	36242734	42152056	18.984	18.468
Target Compounds							
2)	A alpha-BHC	3.772	3.145	32707945	27794639	8.218	8.167
3)	MA gamma-BHC...	4.100	3.472	31647853	26010752	8.464	8.090
6)	B beta-BHC	4.304	3.772	15540905	13874956	9.112	10.169
14)	MA Endrin	6.324	5.489	98206411	100.2E6	40.505	40.969
16)	A 4,4'-DDD	6.467	5.640	2227794	1856526	1.099	0.993
17)	MA 4,4'-DDT	6.779	5.889	192.2E6	192.2E6	84.023	90.989
18)	B Endrin al...	6.675	5.966	2731098	5089320	1.449	2.720 #
20)	A Methoxychlor	7.259	6.467	256.9E6	259.2E6	210.512	213.916
21)	B Endrin ke...	7.387	6.692	4875017	5408340	2.036m	2.131

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

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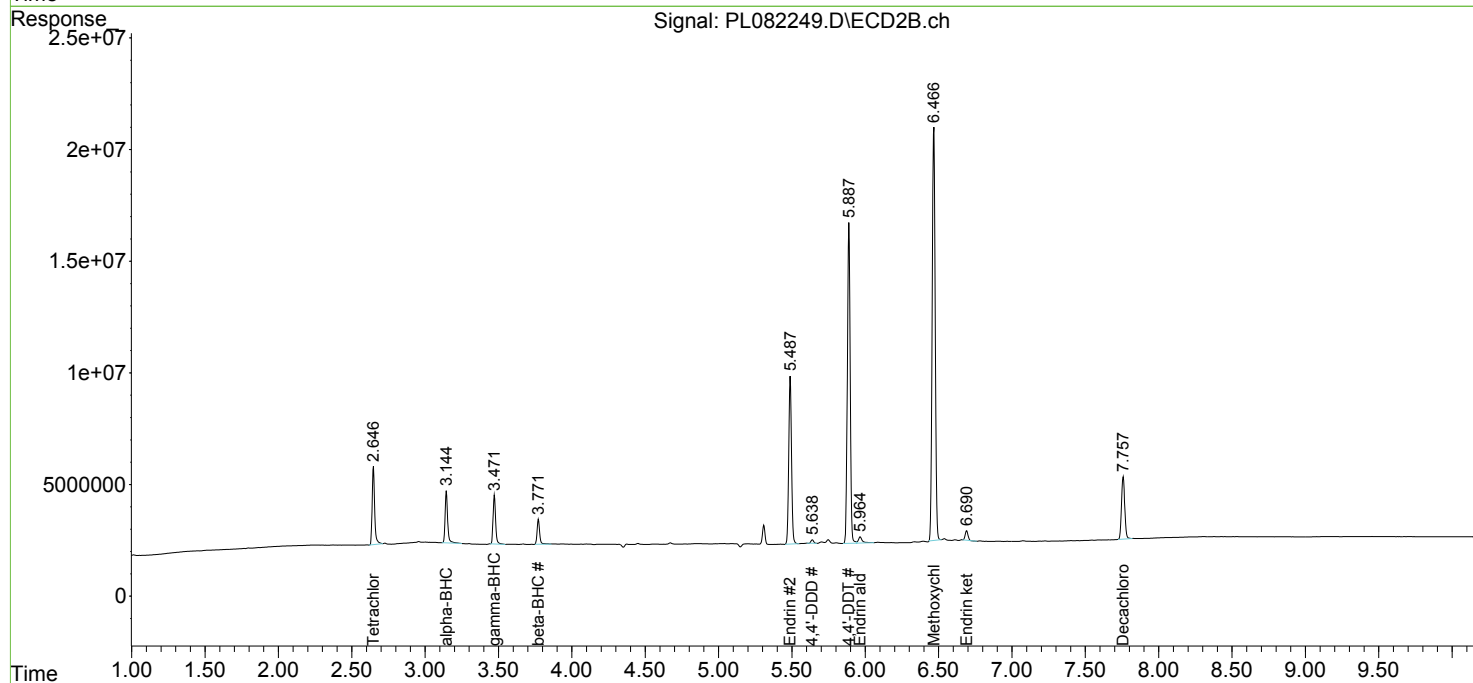
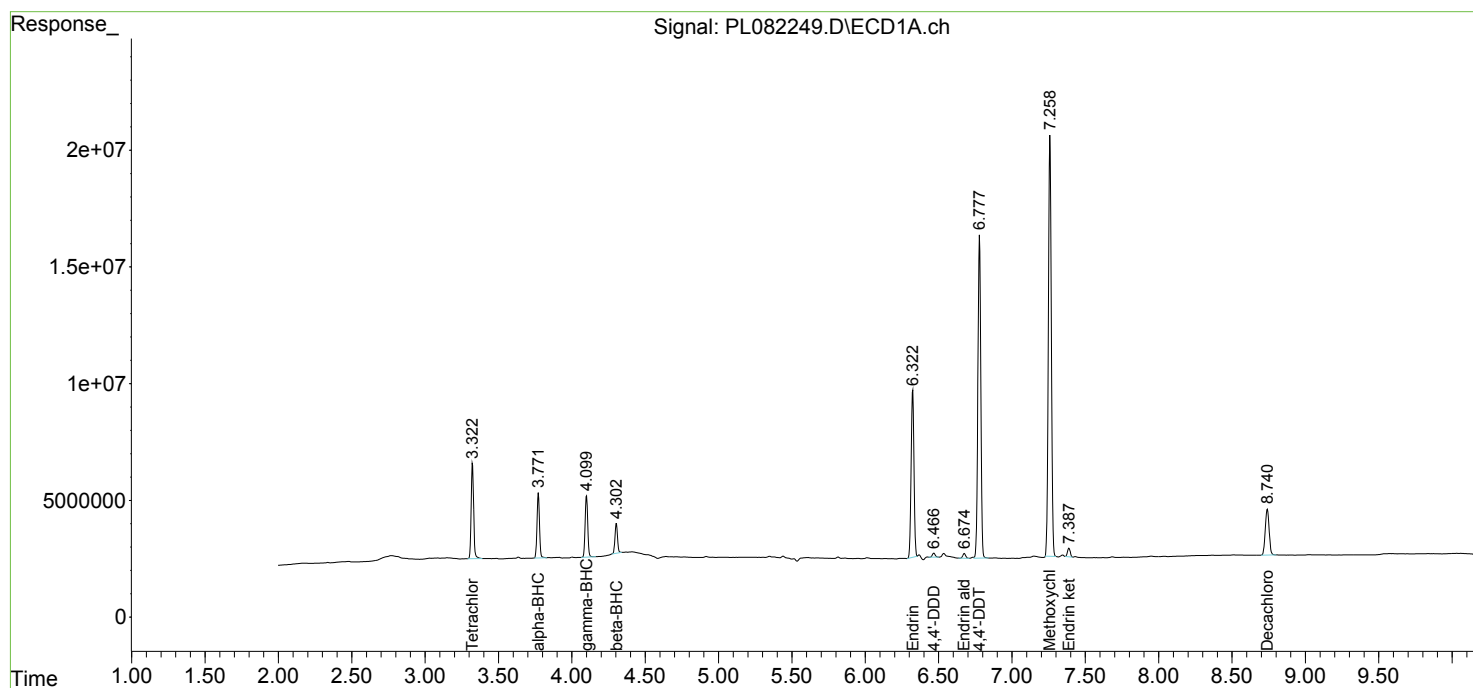
Instrument :
ECD_L
ClientSampleId :
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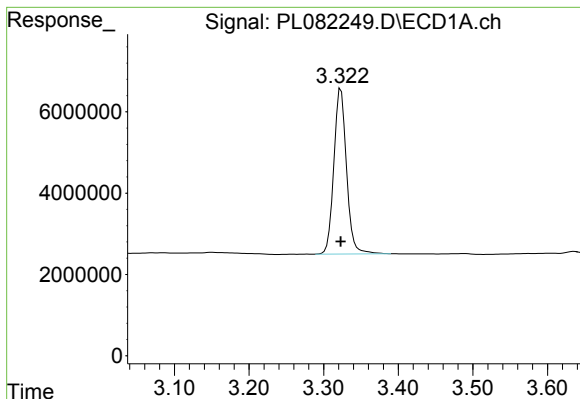
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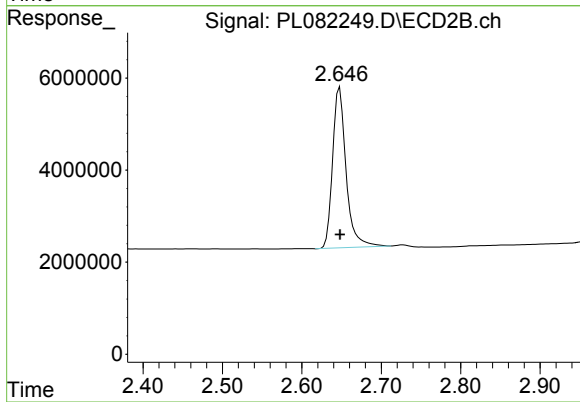
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 48133751
Conc: 18.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

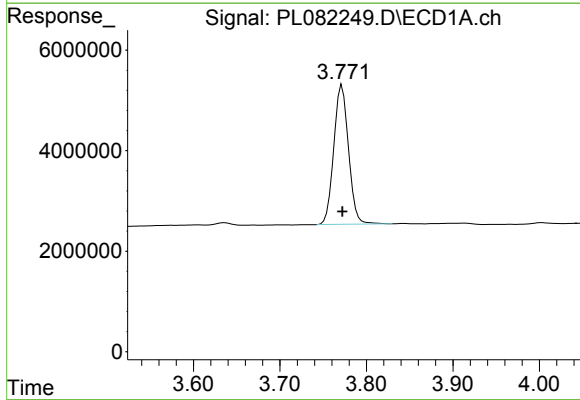
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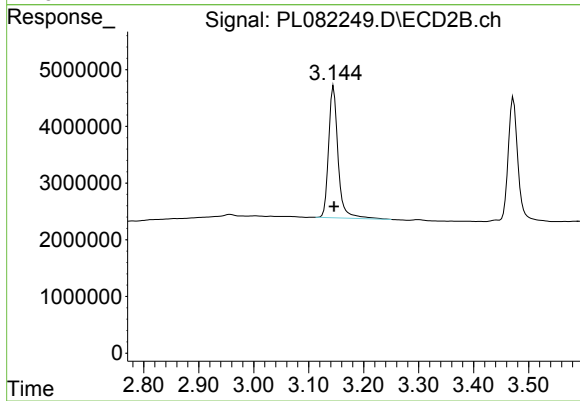
#1 Tetrachloro-m-xylene

R.T.: 2.648 min
Delta R.T.: 0.000 min
Response: 41067774
Conc: 17.73 ng/ml



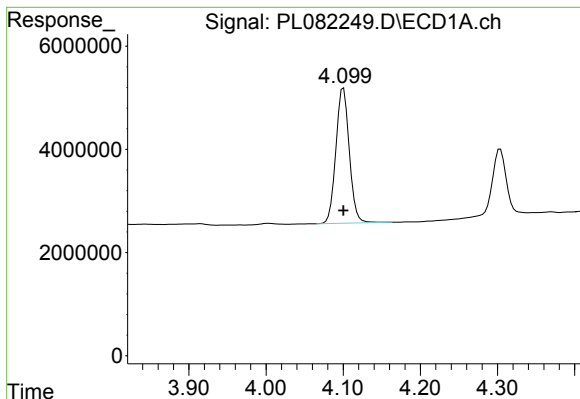
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 32707945
Conc: 8.22 ng/ml



#2 alpha-BHC

R.T.: 3.145 min
Delta R.T.: 0.000 min
Response: 27794639
Conc: 8.17 ng/ml



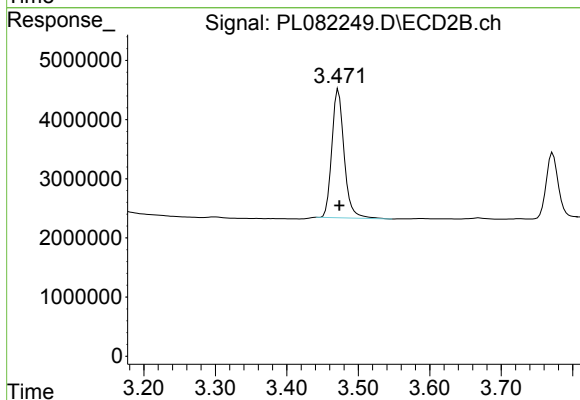
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 31647853
Conc: 8.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

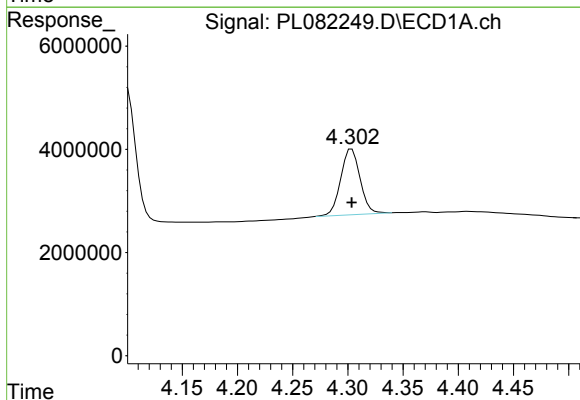
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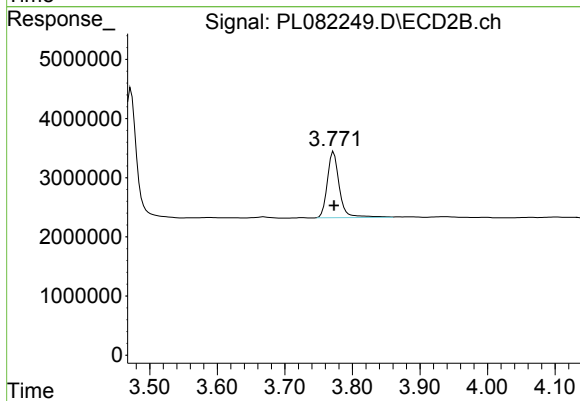
#3 gamma-BHC (Lindane)

R.T.: 3.472 min
Delta R.T.: -0.001 min
Response: 26010752
Conc: 8.09 ng/ml



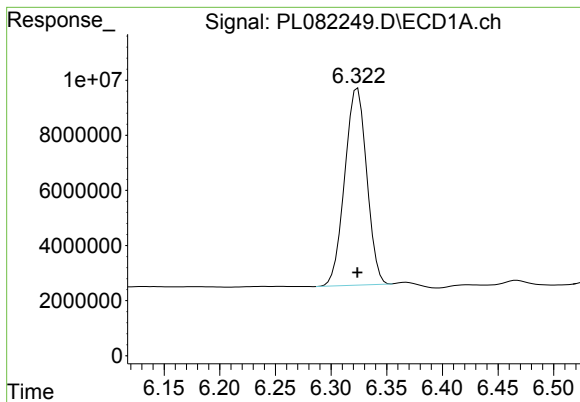
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 15540905
Conc: 9.11 ng/ml



#6 beta-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 13874956
Conc: 10.17 ng/ml



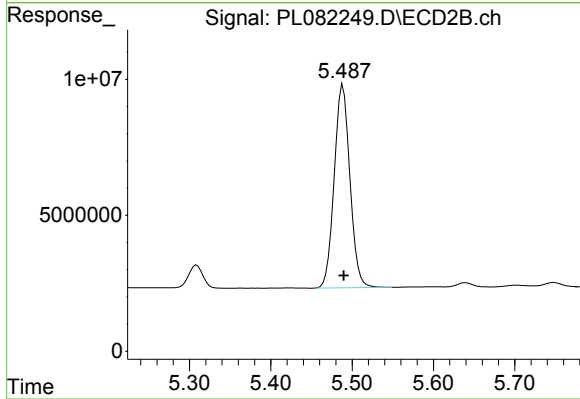
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 98206411
Conc: 40.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

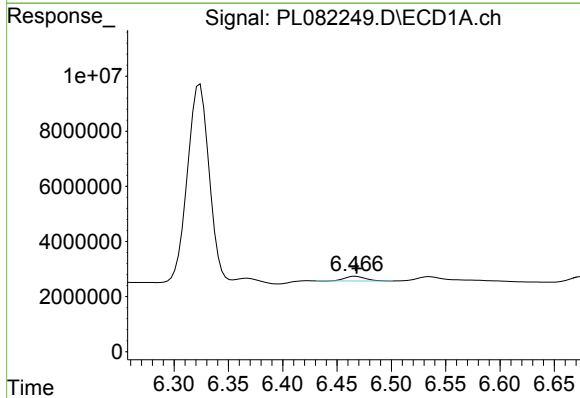
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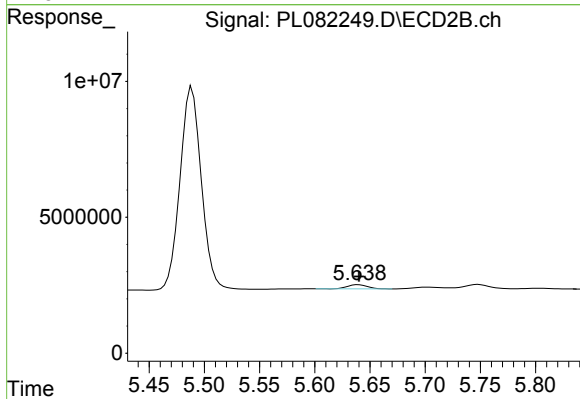
#14 Endrin

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 100209237
Conc: 40.97 ng/ml



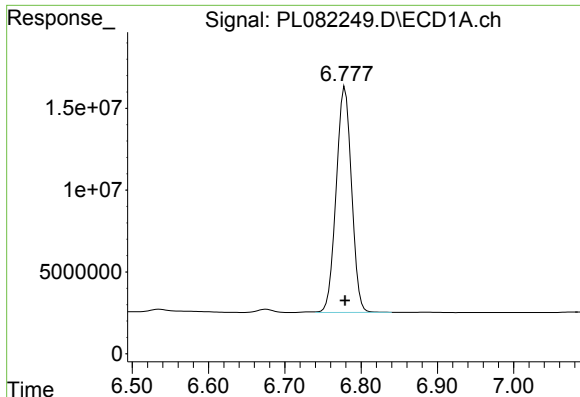
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2227794
Conc: 1.10 ng/ml



#16 4,4'-DDD

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 1856526
Conc: 0.99 ng/ml



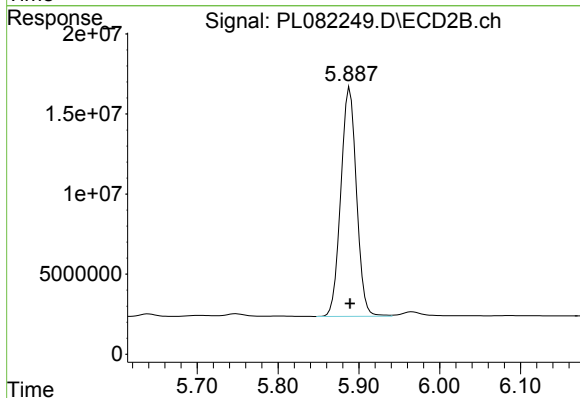
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 192221115
Conc: 84.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

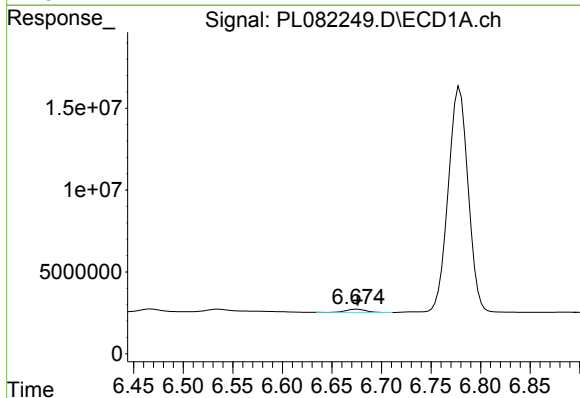
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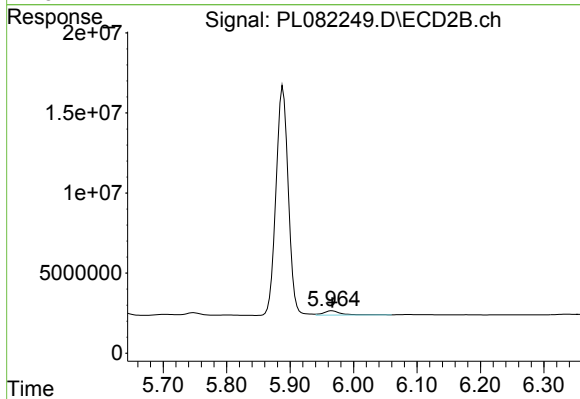
#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 192223112
Conc: 90.99 ng/ml



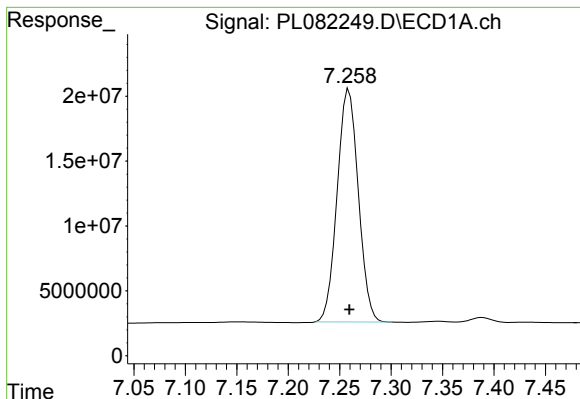
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 2731098
Conc: 1.45 ng/ml



#18 Endrin aldehyde

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 5089320
Conc: 2.72 ng/ml



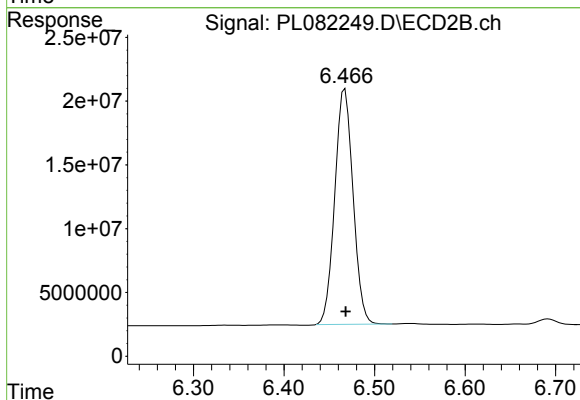
#20 Methoxychlor

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 256894432
Conc: 210.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

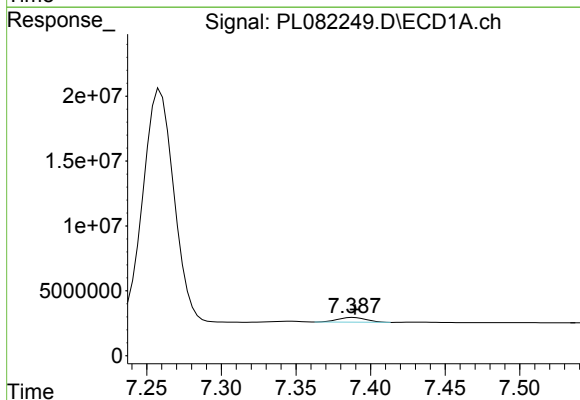
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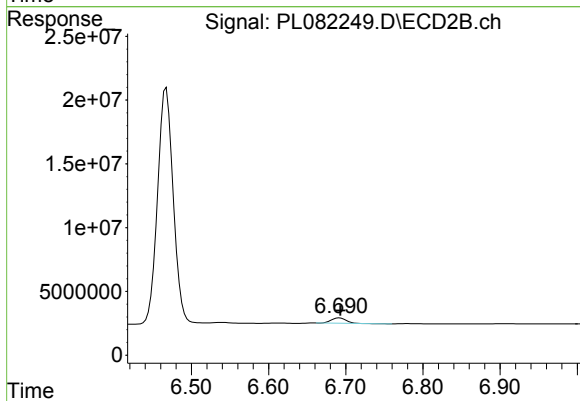
#20 Methoxychlor

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 259230780
Conc: 213.92 ng/ml



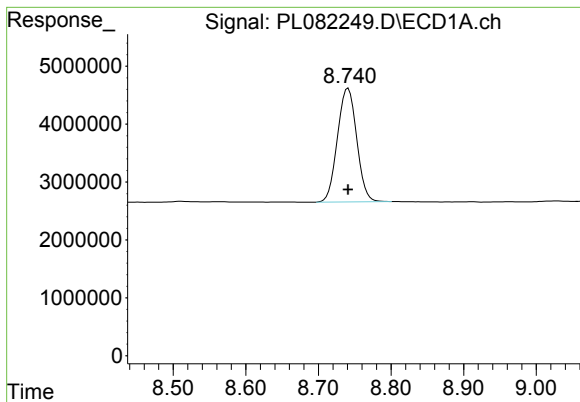
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 4875017
Conc: 2.04 ng/ml m



#21 Endrin ketone

R.T.: 6.692 min
Delta R.T.: -0.001 min
Response: 5408340
Conc: 2.13 ng/ml



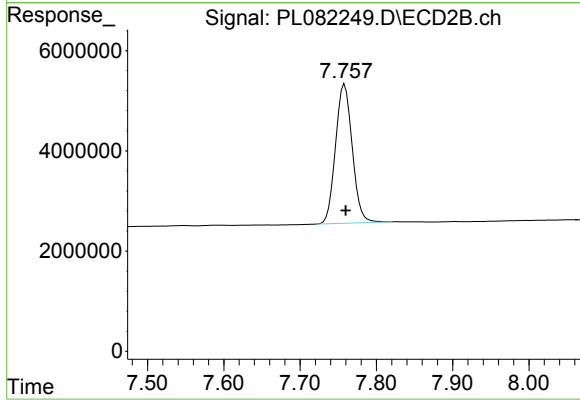
#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 36242734
Conc: 18.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.758 min
Delta R.T.: -0.002 min
Response: 42152056
Conc: 18.47 ng/ml