

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010423\
 Data File : PL080065.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jan 2023 19:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/05/2023
 Supervised By : Ankita Jodhani 01/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 08:56:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 05:11:24 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...	3.370	2.713	37161123	41851606	18.682	18.406
28)	SA Decachlor...	8.878	7.869	33848573	42795507	19.728	18.942
Target Compounds							
2)	A alpha-BHC	3.821	3.215	24319115	27861781	8.512	8.319
3)	MA gamma-BHC...	4.152	3.543	17457075	26147767	8.883	8.526
6)	B beta-BHC	4.350	3.839	9170854	13490477	10.019	10.055
14)	MA Endrin	6.402	5.578	66588960	103.1E6	43.420	45.830
16)	A 4,4'-DDD	6.552	5.732	693353	1306594	0.527	0.708m#
17)	MA 4,4'-DDT	6.868	5.984	138.6E6	207.0E6	92.714	101.653
18)	B Endrin al...	6.756	6.054	1153173	3175599	0.949	1.809m#
20)	A Methoxychlor	7.359	6.563	202.2E6	263.1E6	227.411	229.548
21)	B Endrin ke...	7.476	6.779	3765763	5633975	2.116	2.312m

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

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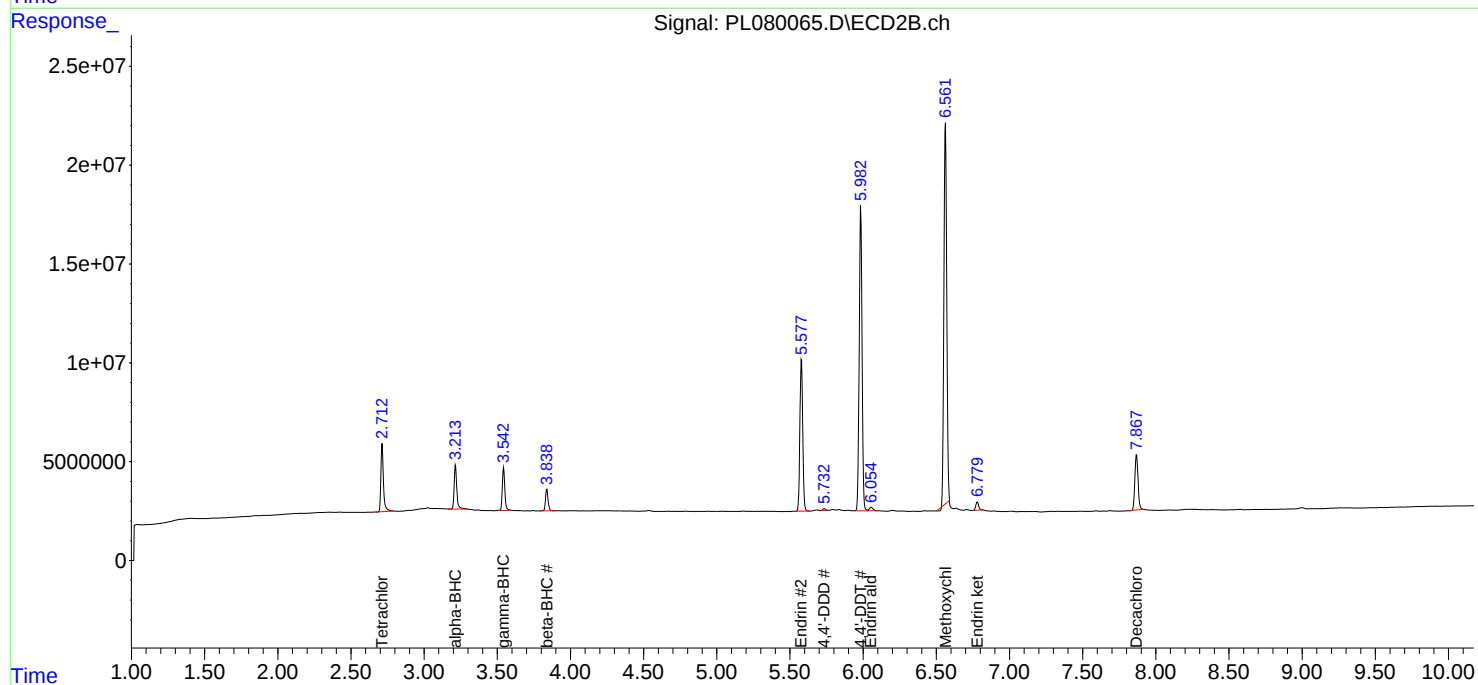
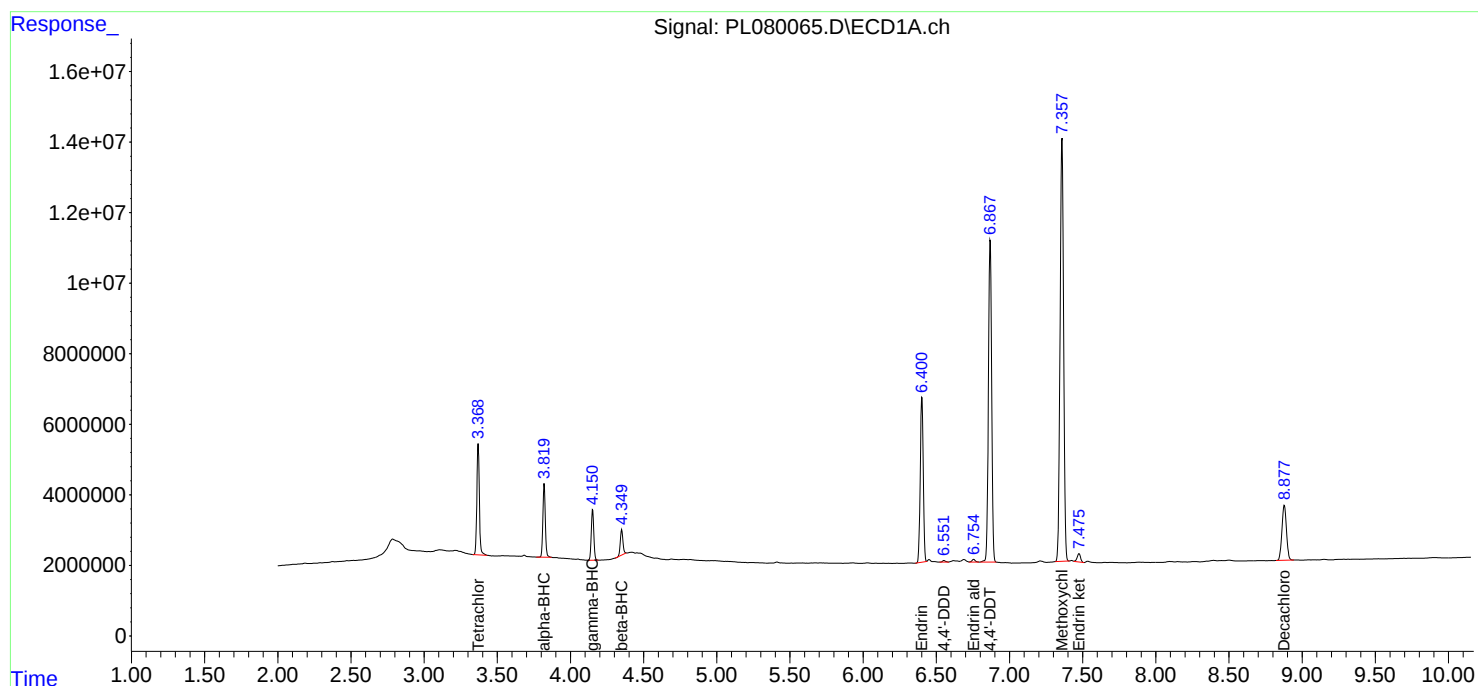
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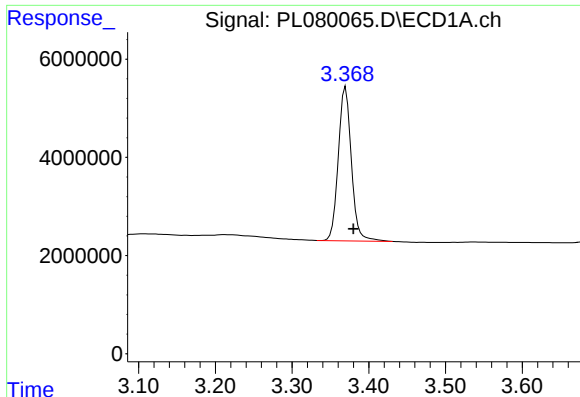
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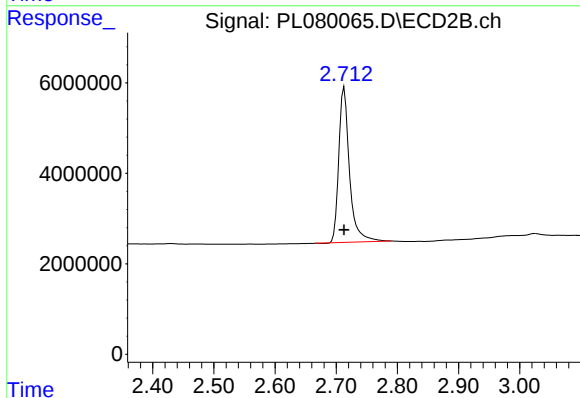
#1 Tetrachloro-m-xylene

R.T.: 3.370 min
Delta R.T.: -0.010 min
Response: 37161123
Conc: 18.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

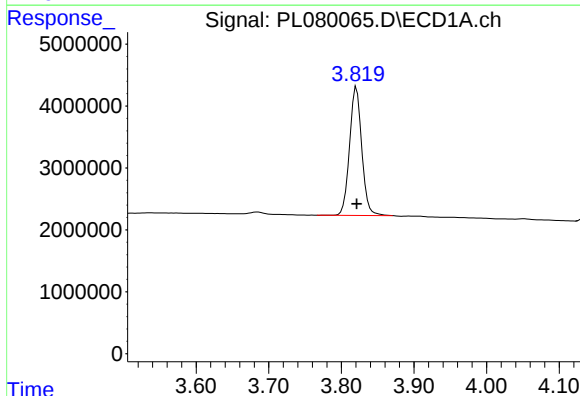
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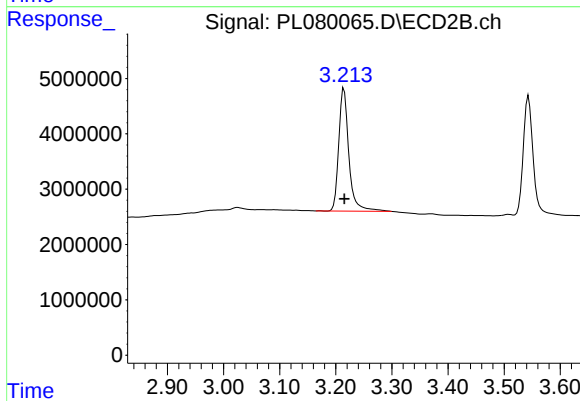
#1 Tetrachloro-m-xylene

R.T.: 2.713 min
Delta R.T.: 0.000 min
Response: 41851606
Conc: 18.41 ng/ml



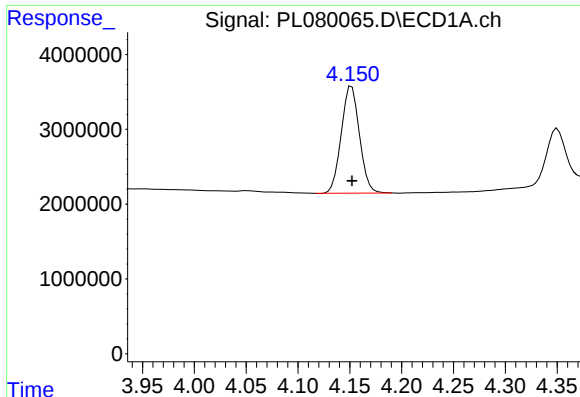
#2 alpha-BHC

R.T.: 3.821 min
Delta R.T.: 0.000 min
Response: 24319115
Conc: 8.51 ng/ml



#2 alpha-BHC

R.T.: 3.215 min
Delta R.T.: 0.000 min
Response: 27861781
Conc: 8.32 ng/ml



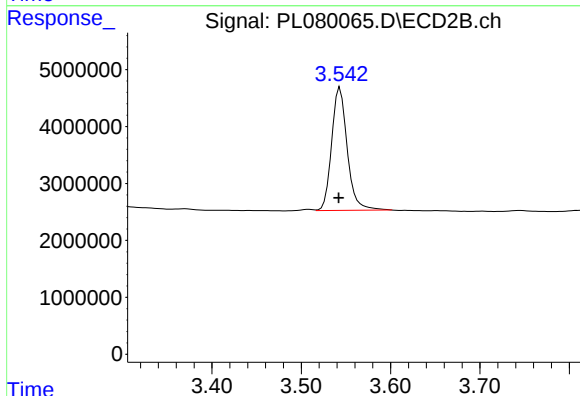
#3 gamma-BHC (Lindane)

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 17457075
Conc: 8.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

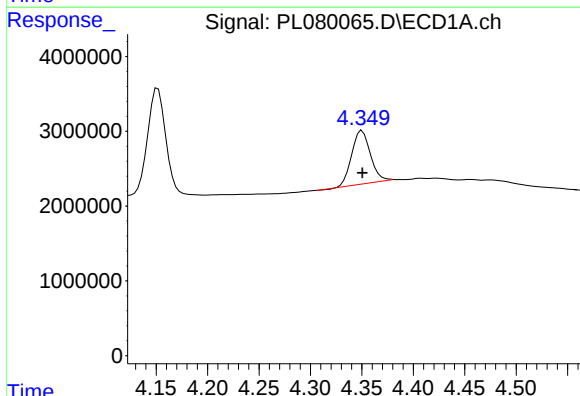
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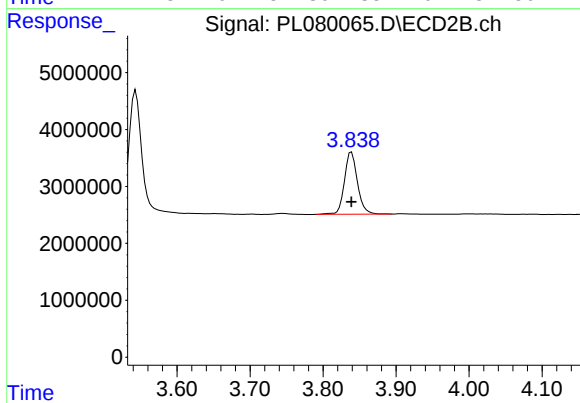
#3 gamma-BHC (Lindane)

R.T.: 3.543 min
Delta R.T.: 0.001 min
Response: 26147767
Conc: 8.53 ng/ml



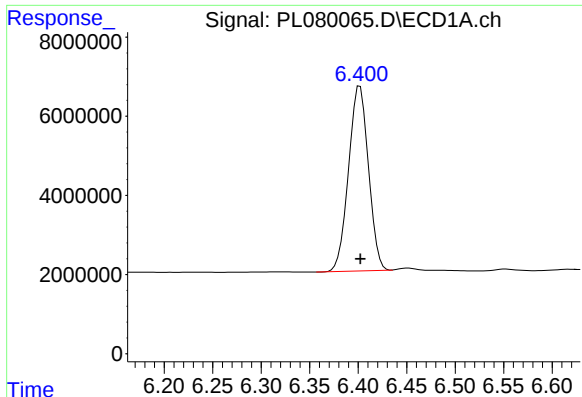
#6 beta-BHC

R.T.: 4.350 min
Delta R.T.: 0.000 min
Response: 9170854
Conc: 10.02 ng/ml



#6 beta-BHC

R.T.: 3.839 min
Delta R.T.: 0.000 min
Response: 13490477
Conc: 10.06 ng/ml



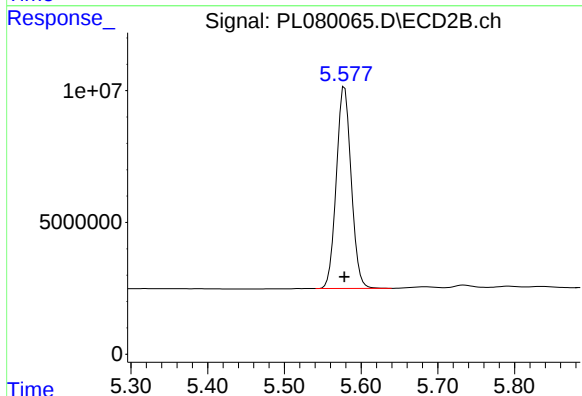
#14 Endrin

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 66588960
Conc: 43.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

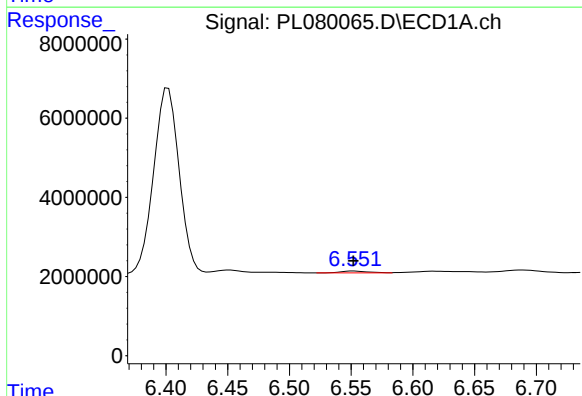
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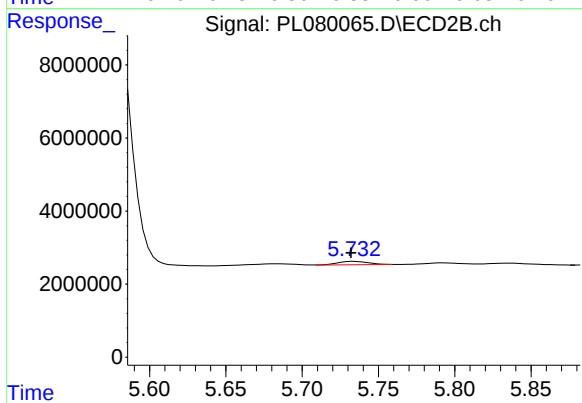
#14 Endrin

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 103140228
Conc: 45.83 ng/ml



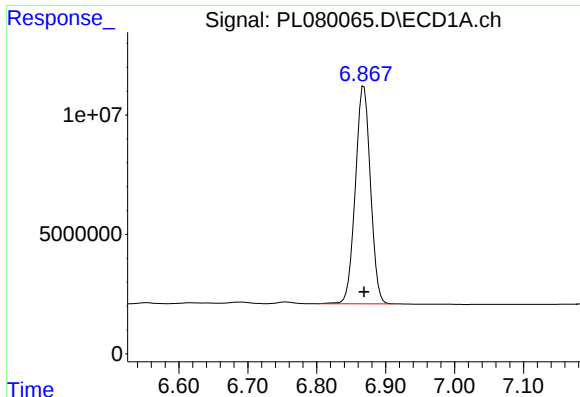
#16 4,4'-DDD

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 693353
Conc: 0.53 ng/ml



#16 4,4'-DDD

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 1306594
Conc: 0.71 ng/ml m



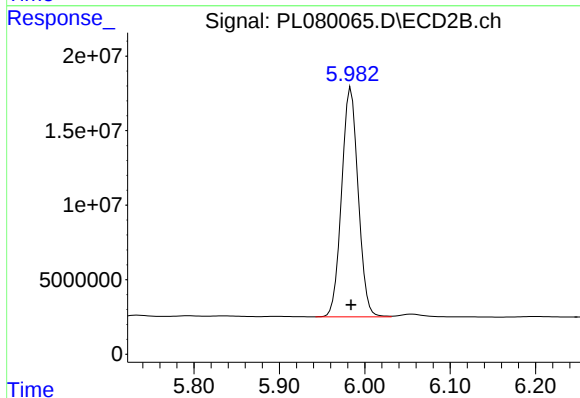
#17 4,4'-DDT

R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 138604071
Conc: 92.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

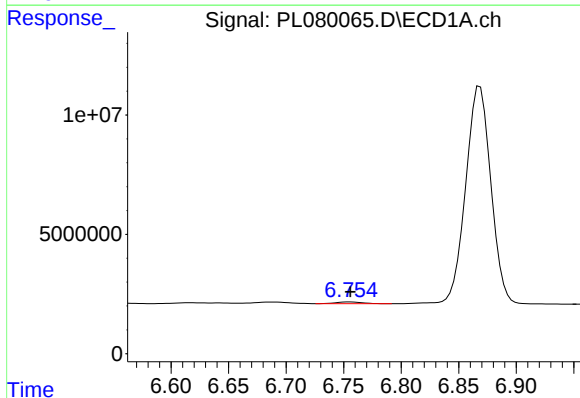
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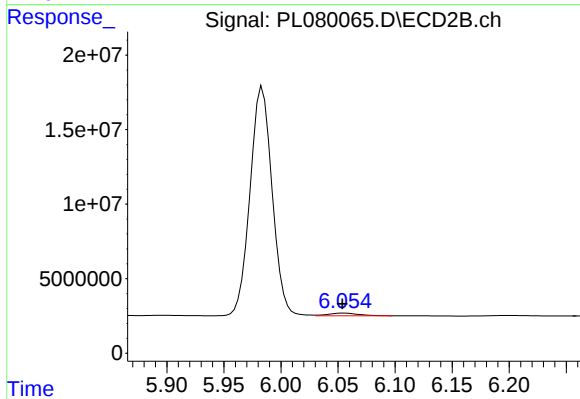
#17 4,4'-DDT

R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 206986595
Conc: 101.65 ng/ml



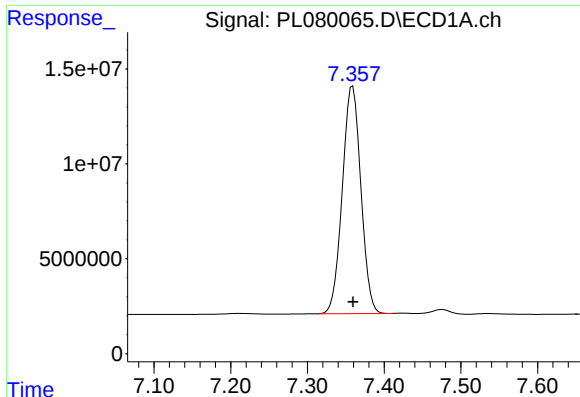
#18 Endrin aldehyde

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 1153173
Conc: 0.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 3175599
Conc: 1.81 ng/ml m



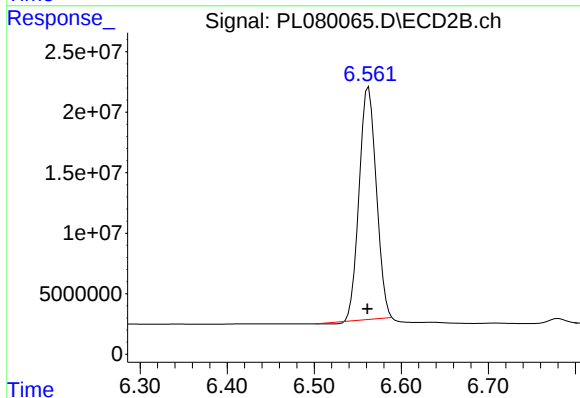
#20 Methoxychlor

R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 202227725
Conc: 227.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

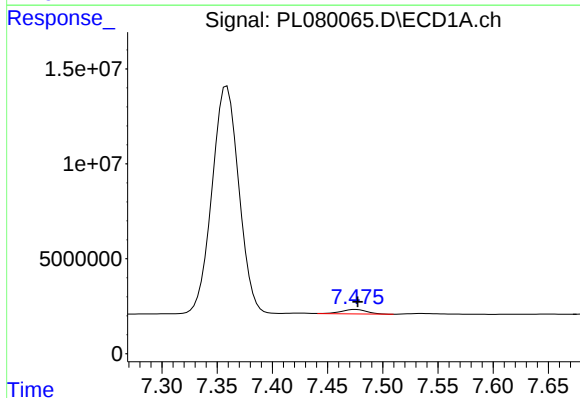
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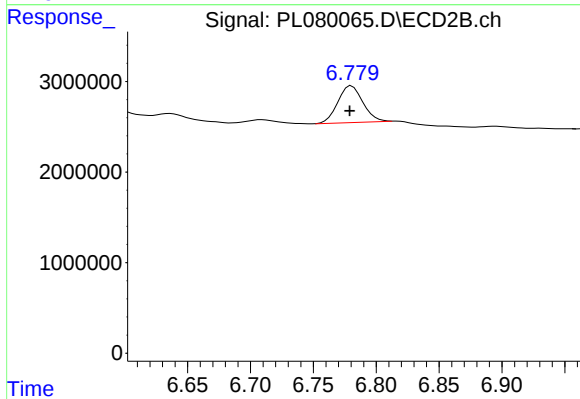
#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: 0.002 min
Response: 263079130
Conc: 229.55 ng/ml



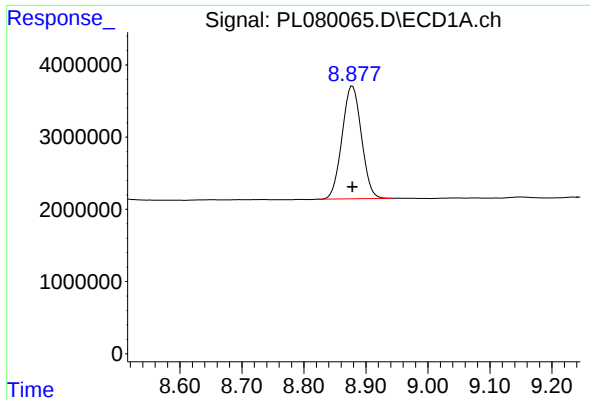
#21 Endrin ketone

R.T.: 7.476 min
Delta R.T.: -0.001 min
Response: 3765763
Conc: 2.12 ng/ml



#21 Endrin ketone

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 5633975
Conc: 2.31 ng/ml m



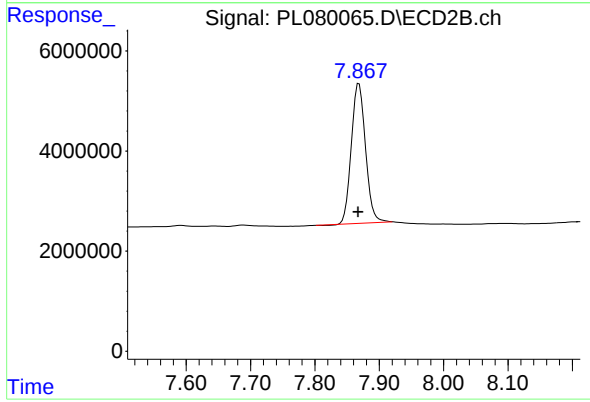
#28 Decachlorobiphenyl

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 33848573
Conc: 19.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: 0.002 min
Response: 42795507
Conc: 18.94 ng/ml