

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102822\
 Data File : PL078581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2022 10:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/28/2022
 Supervised By : Ankita Jodhani 10/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 22:14:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.332	2.571	37953560	50563958	19.902	19.804
28)	SA Decachlor...	8.788	7.647	31439501	38353894	20.899	20.249
Target Compounds							
2)	A alpha-BHC	3.794	3.059	26073318	37984690	9.080	9.619
3)	MA gamma-BHC...	4.127	3.380	25581614	35153763	9.575	9.781
6)	B beta-BHC	4.340	3.681	12313101	16628559	10.689m	11.589
14)	MA Endrin	6.363	5.374	89794573	120.0E6	47.315	46.078
16)	A 4,4'-DDD	6.511	5.534	2001120	2325010	1.200	1.059m
17)	MA 4,4'-DDT	6.820	5.782	186.0E6	220.1E6	103.784	101.470
18)	B Endrin al...	6.724	5.850	2455828	3849415	1.688	2.051m
20)	A Methoxychlor	7.304	6.358	241.5E6	268.3E6	262.202m	236.403m
21)	B Endrin ke...	7.442	6.569	4977053	9206199	2.645m	3.562 #

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

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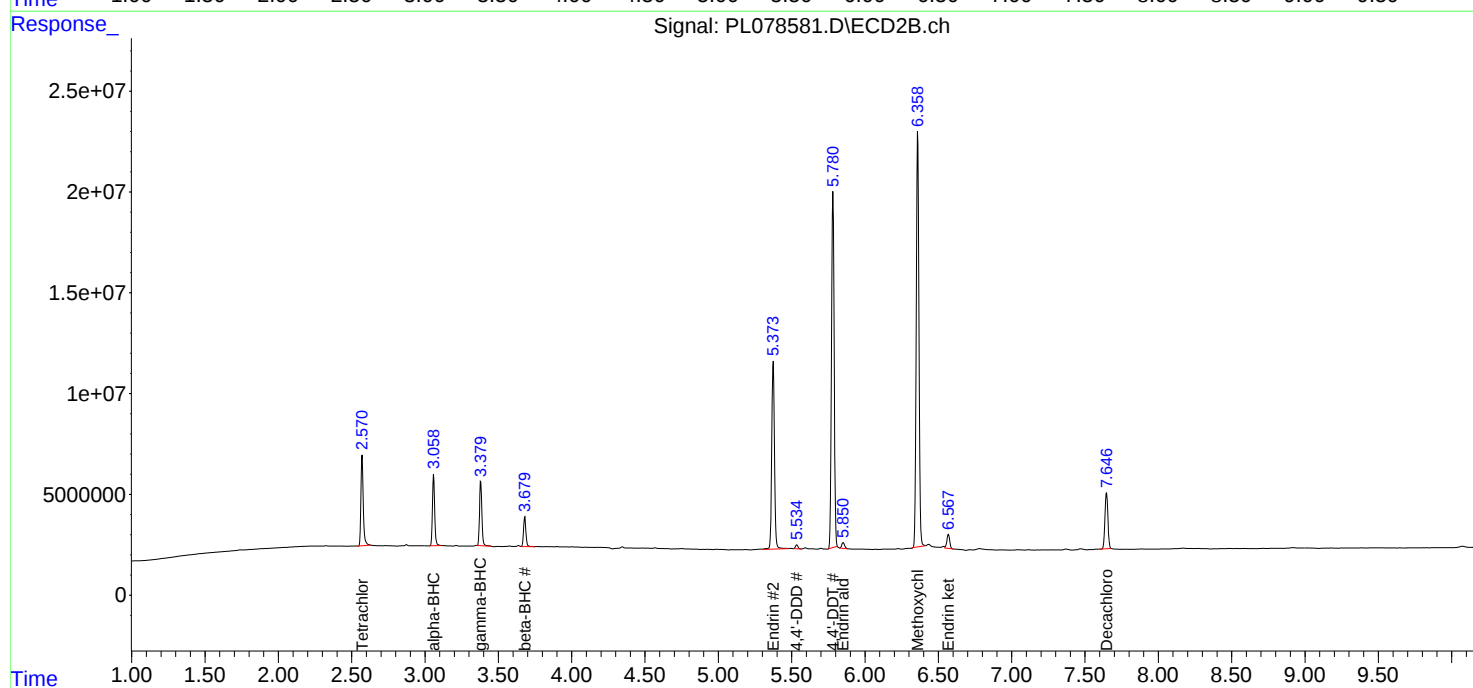
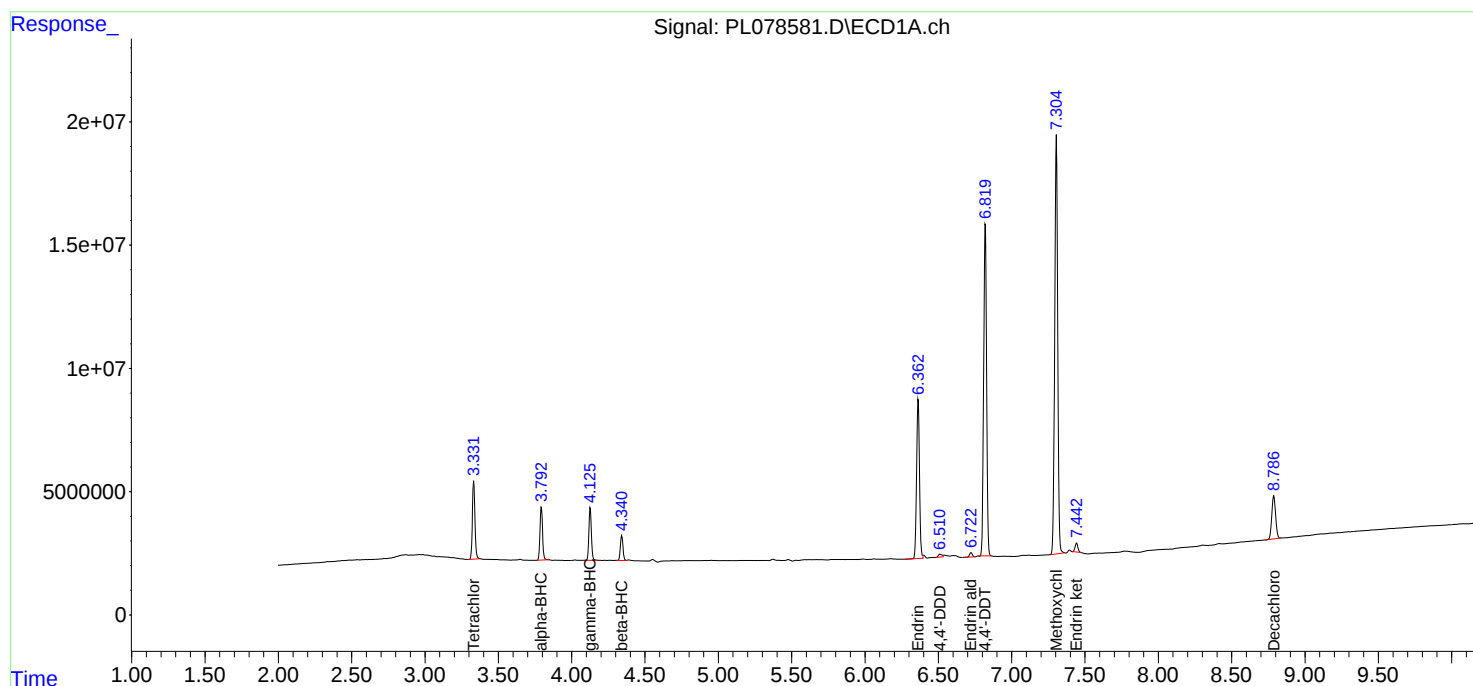
Instrument :
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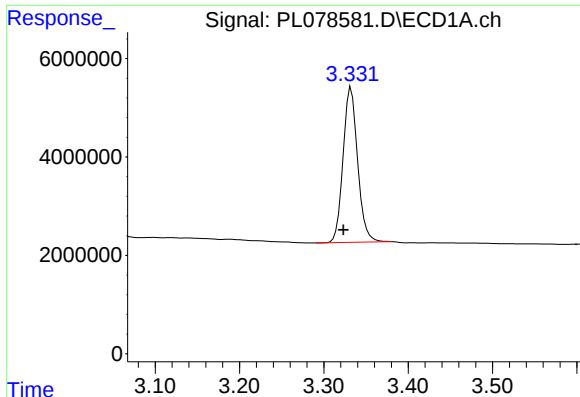
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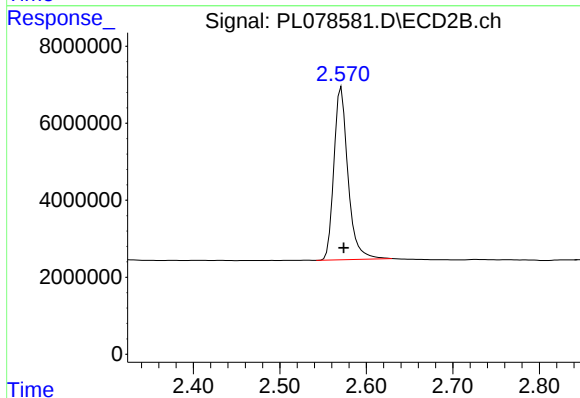
#1 Tetrachloro-m-xylene

R.T.: 3.332 min
Delta R.T.: 0.009 min
Response: 37953560
Conc: 19.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

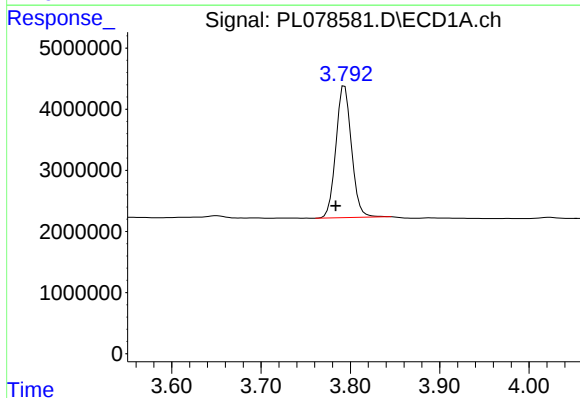
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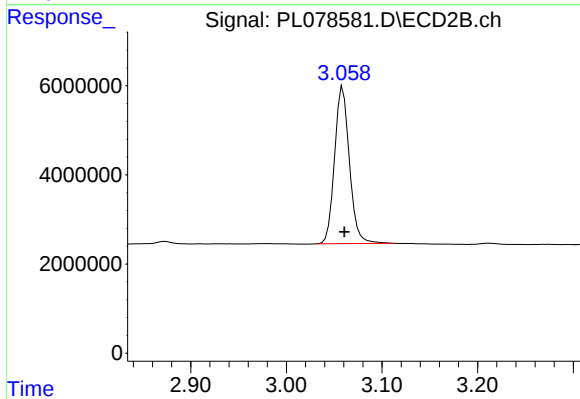
#1 Tetrachloro-m-xylene

R.T.: 2.571 min
Delta R.T.: -0.003 min
Response: 50563958
Conc: 19.80 ng/ml



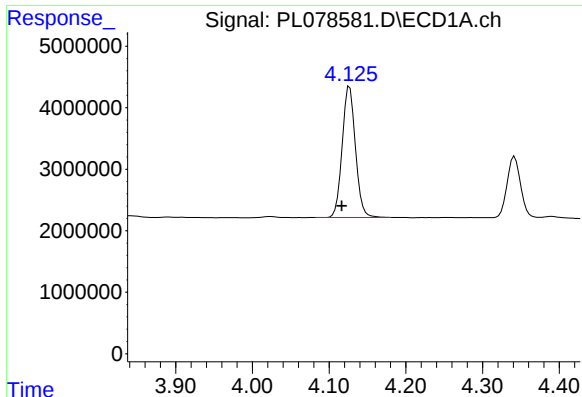
#2 alpha-BHC

R.T.: 3.794 min
Delta R.T.: 0.010 min
Response: 26073318
Conc: 9.08 ng/ml



#2 alpha-BHC

R.T.: 3.059 min
Delta R.T.: -0.001 min
Response: 37984690
Conc: 9.62 ng/ml



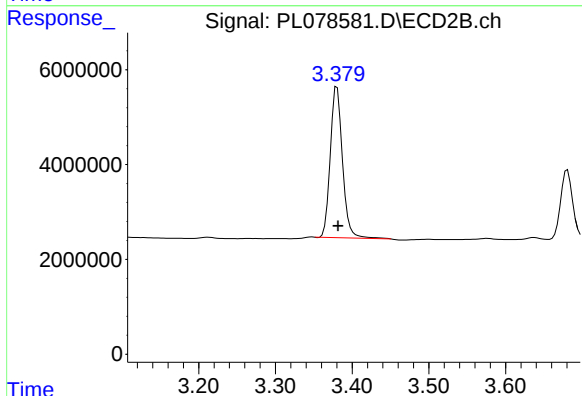
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: 0.010 min
Response: 25581614
Conc: 9.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

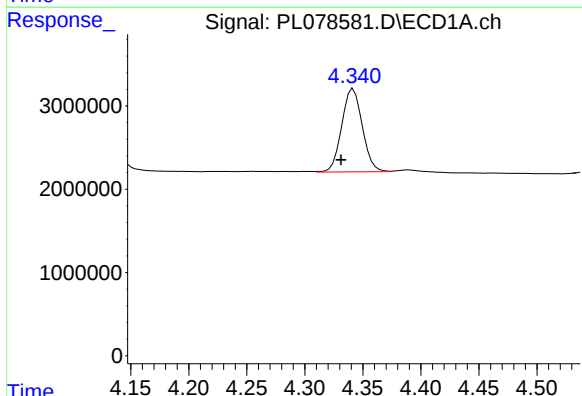
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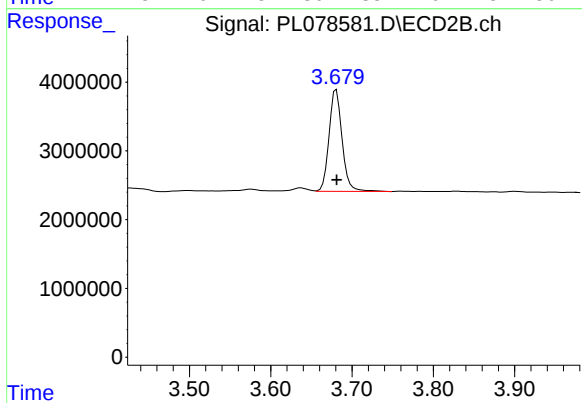
#3 gamma-BHC (Lindane)

R.T.: 3.380 min
Delta R.T.: -0.001 min
Response: 35153763
Conc: 9.78 ng/ml



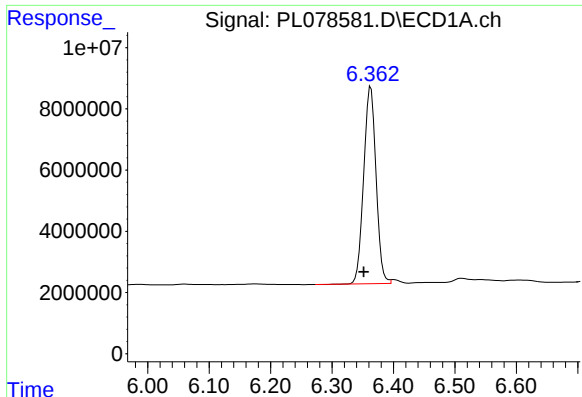
#6 beta-BHC

R.T.: 4.340 min
Delta R.T.: 0.009 min
Response: 12313101
Conc: 10.69 ng/ml m



#6 beta-BHC

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 16628559
Conc: 11.59 ng/ml



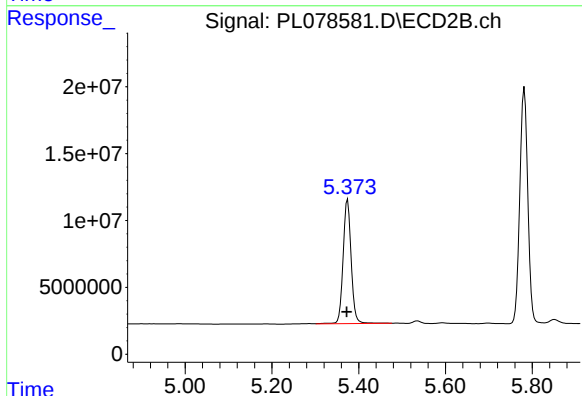
#14 Endrin

R.T.: 6.363 min
Delta R.T.: 0.012 min
Response: 89794573
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

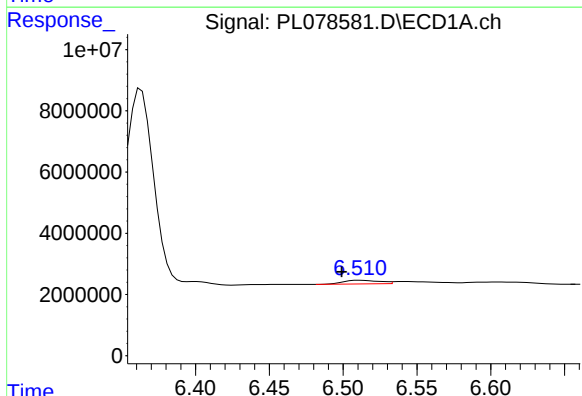
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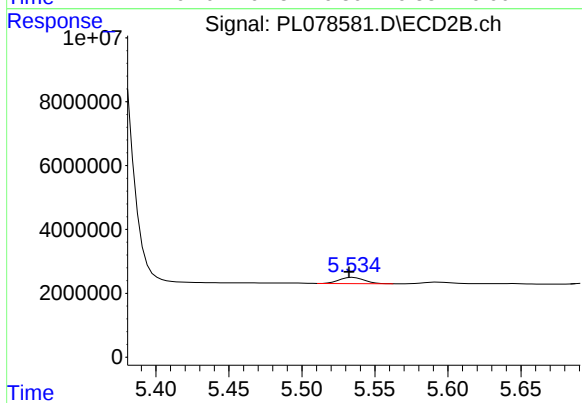
#14 Endrin

R.T.: 5.374 min
Delta R.T.: 0.002 min
Response: 120044709
Conc: 46.08 ng/ml



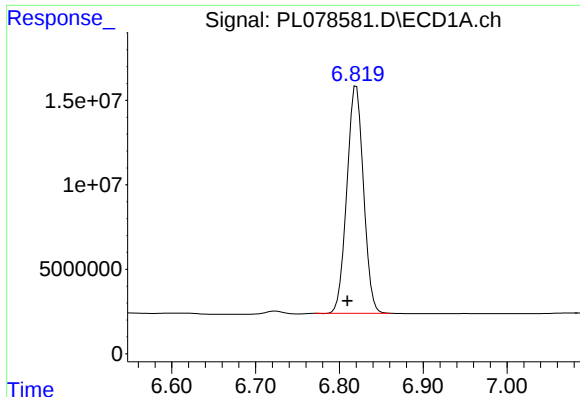
#16 4,4'-DDD

R.T.: 6.511 min
Delta R.T.: 0.012 min
Response: 2001120
Conc: 1.20 ng/ml



#16 4,4'-DDD

R.T.: 5.534 min
Delta R.T.: 0.002 min
Response: 2325010
Conc: 1.06 ng/ml m



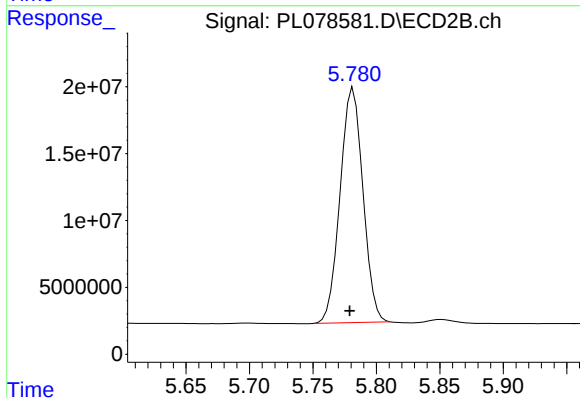
#17 4,4'-DDT

R.T.: 6.820 min
Delta R.T.: 0.011 min
Response: 186014661
Conc: 103.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

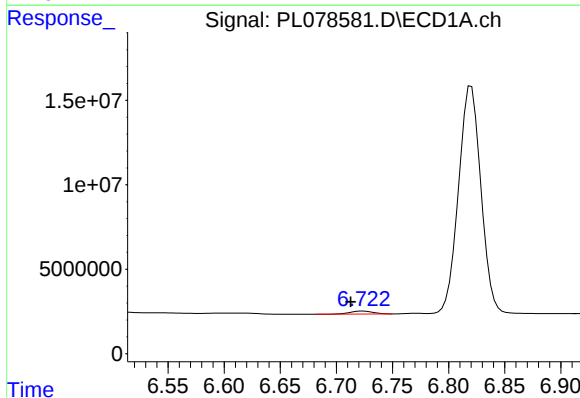
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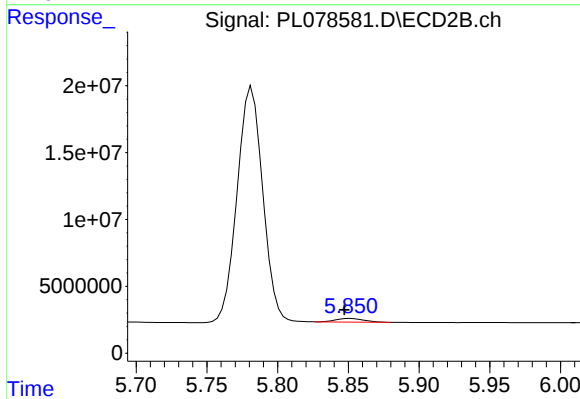
#17 4,4'-DDT

R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 220100752
Conc: 101.47 ng/ml



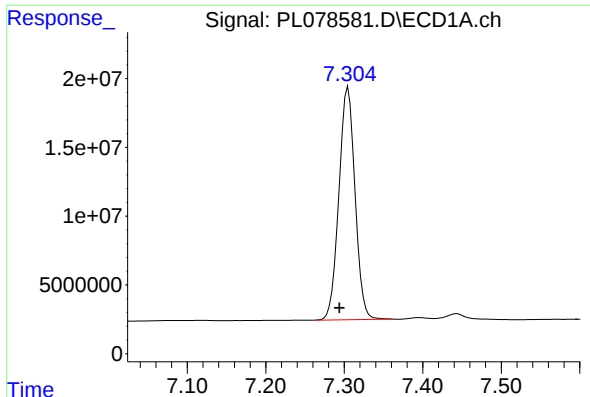
#18 Endrin aldehyde

R.T.: 6.724 min
Delta R.T.: 0.011 min
Response: 2455828
Conc: 1.69 ng/ml



#18 Endrin aldehyde

R.T.: 5.850 min
Delta R.T.: 0.003 min
Response: 3849415
Conc: 2.05 ng/ml m



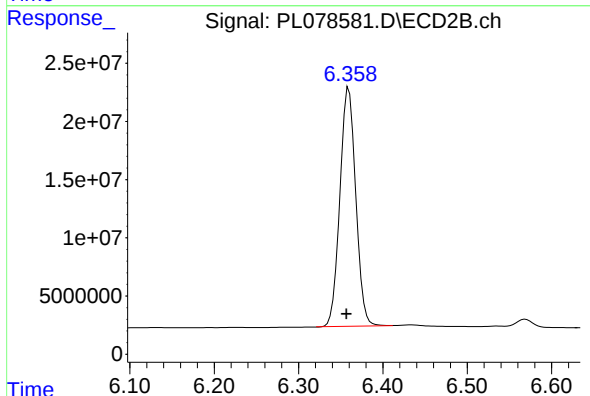
#20 Methoxychlor

R.T.: 7.304 min
Delta R.T.: 0.010 min
Response: 241458537
Conc: 262.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

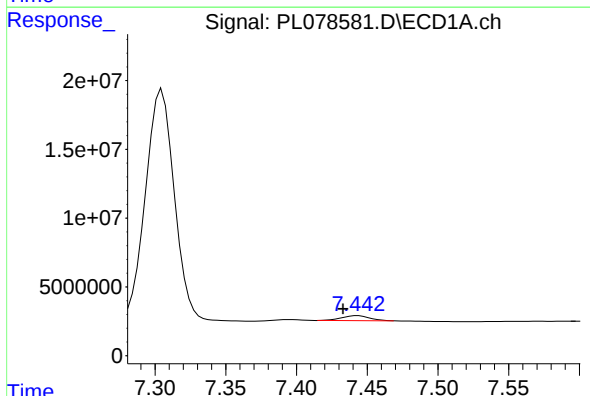
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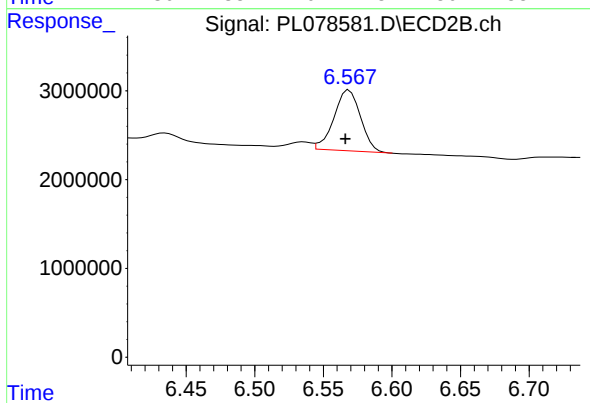
#20 Methoxychlor

R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 268269227
Conc: 236.40 ng/ml m



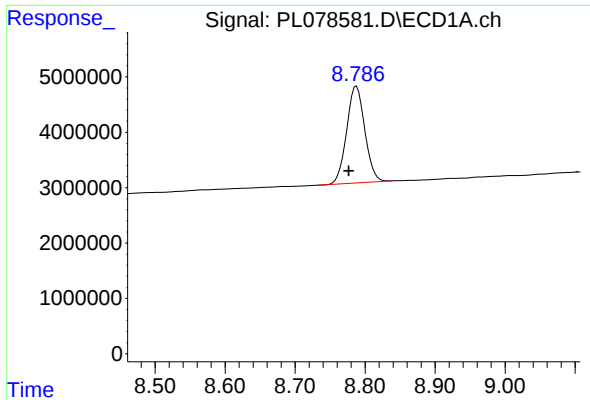
#21 Endrin ketone

R.T.: 7.442 min
Delta R.T.: 0.009 min
Response: 4977053
Conc: 2.65 ng/ml m



#21 Endrin ketone

R.T.: 6.569 min
Delta R.T.: 0.003 min
Response: 9206199
Conc: 3.56 ng/ml



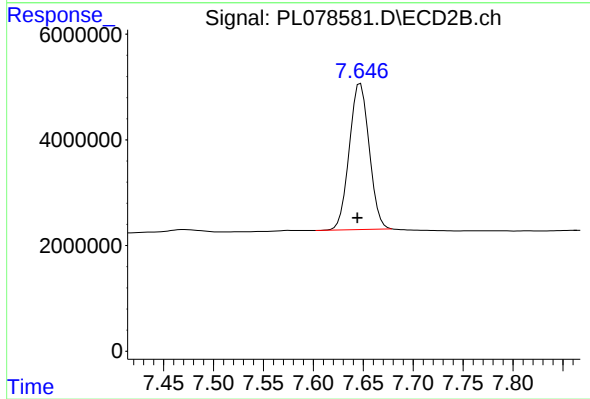
#28 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: 0.011 min
Response: 31439501
Conc: 20.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.647 min
Delta R.T.: 0.003 min
Response: 38353894
Conc: 20.25 ng/ml