

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110922\
 Data File : PL078972.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2022 18:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 08:42:51 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...	3.320	2.568	41830618	54372027	21.935	21.296
28)	SA Decachlor...	8.767	7.633	28526594	36353158	18.963	19.193
Target Compounds							
2)	A alpha-BHC	3.780	3.054	28433244	40017308	9.902	10.133
3)	MA gamma-BHC...	4.113	3.374	28304785	37571632	10.594	10.453
6)	B beta-BHC	4.328	3.675	13648928	17217959	11.848	12.000
14)	MA Endrin	6.347	5.364	78364807	118.3E6	41.292	45.422
16)	A 4,4'-DDD	6.494	5.524	10459458	15309437	6.274	6.970
17)	MA 4,4'-DDT	6.804	5.769	144.1E6	201.2E6	80.396	92.733m
18)	B Endrin al...	6.707	5.838	3302196	5215731	2.269	2.779m
20)	A Methoxychlor	7.288	6.347	193.0E6	246.7E6	209.570	217.364
21)	B Endrin ke...	7.426	6.556	6799495	12847283	3.614	4.970 #

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

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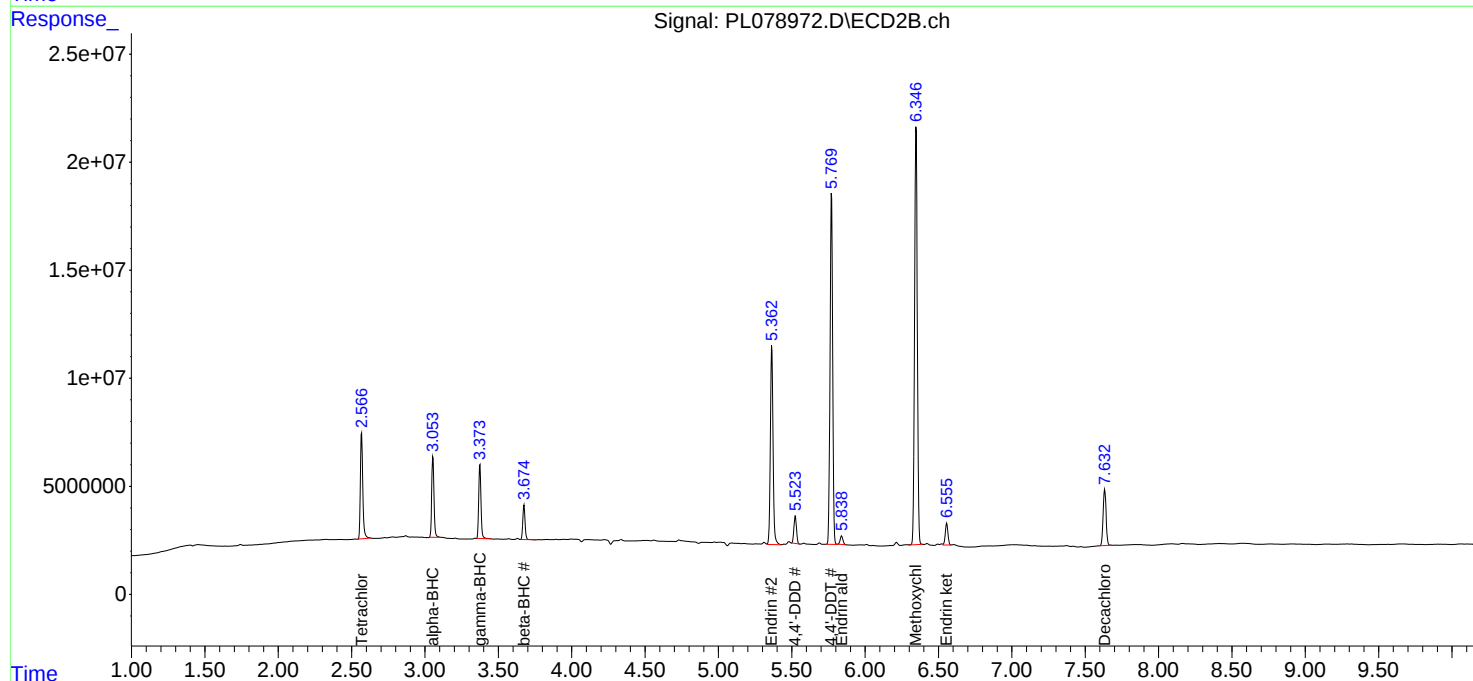
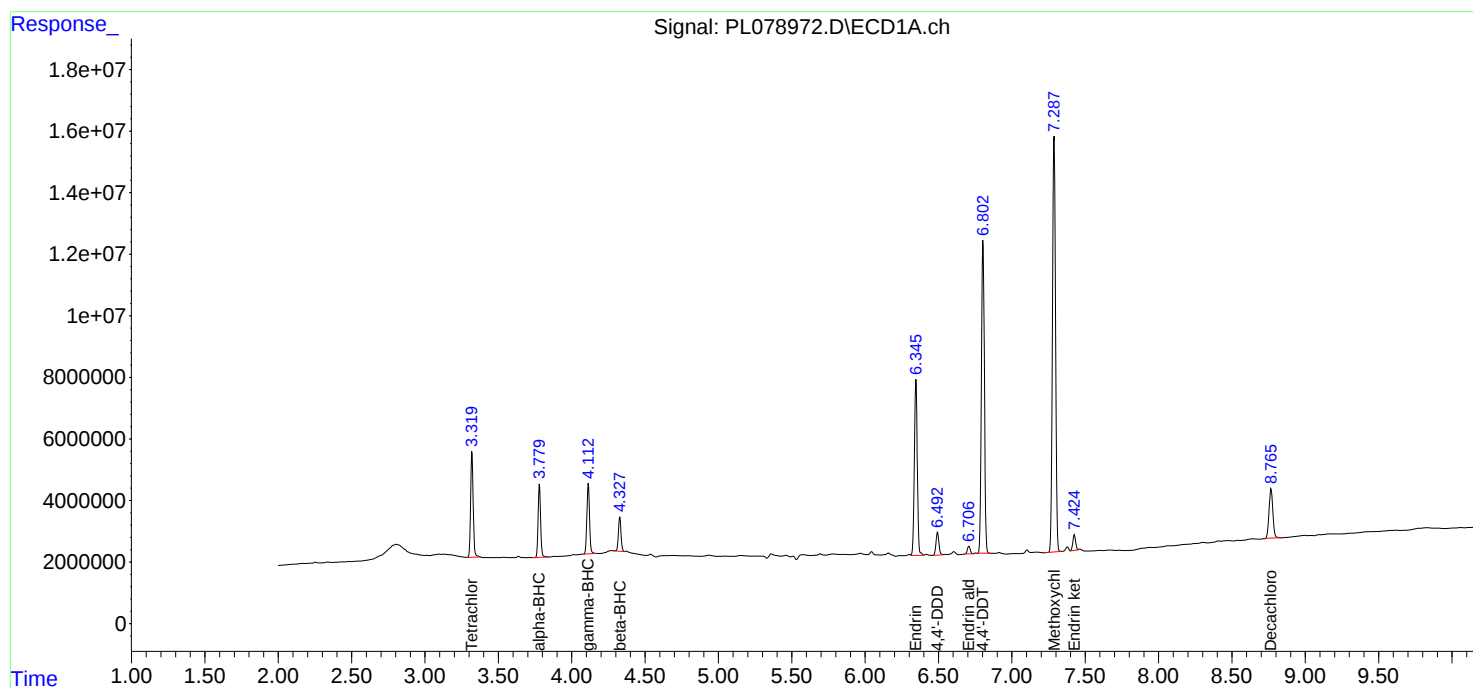
Instrument :
ECD_L
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PEM

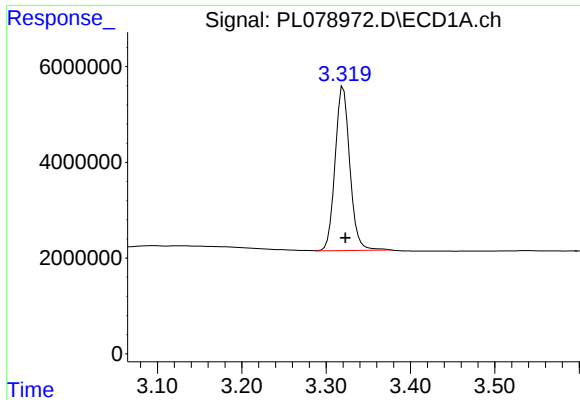
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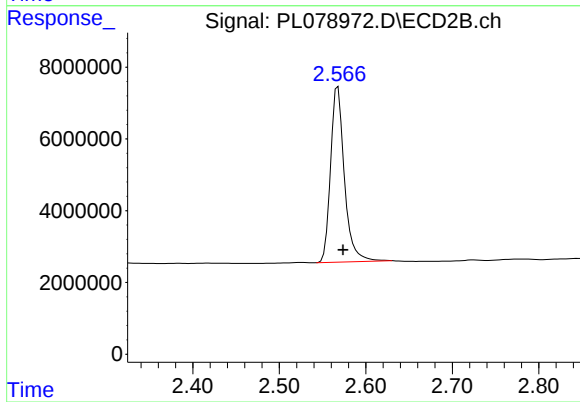
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 41830618
Conc: 21.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

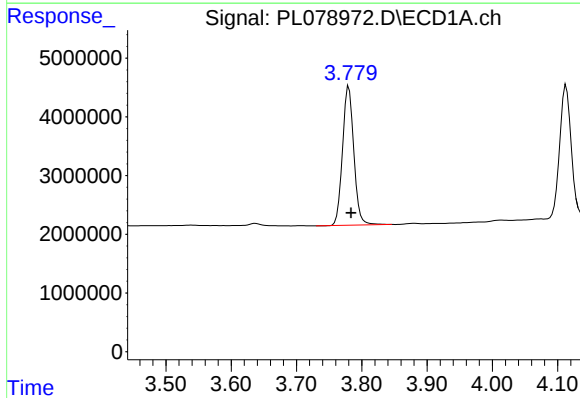
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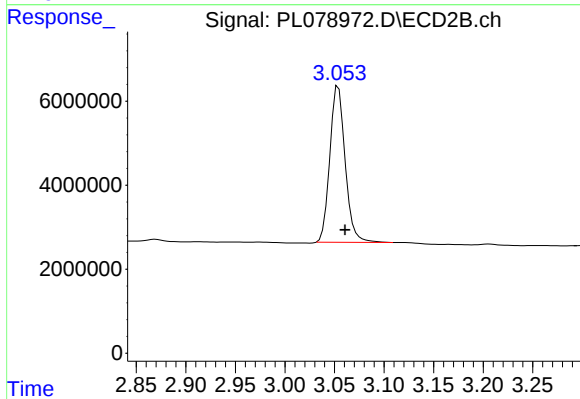
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: -0.006 min
Response: 54372027
Conc: 21.30 ng/ml



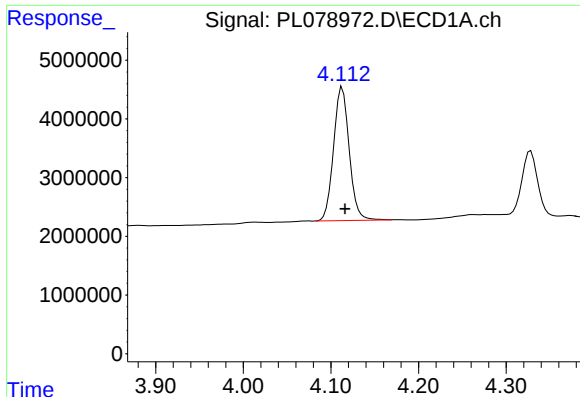
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: -0.004 min
Response: 28433244
Conc: 9.90 ng/ml



#2 alpha-BHC

R.T.: 3.054 min
Delta R.T.: -0.007 min
Response: 40017308
Conc: 10.13 ng/ml



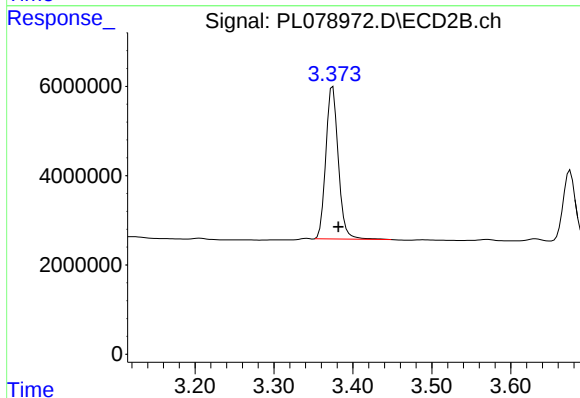
#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: -0.003 min
Response: 28304785
Conc: 10.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

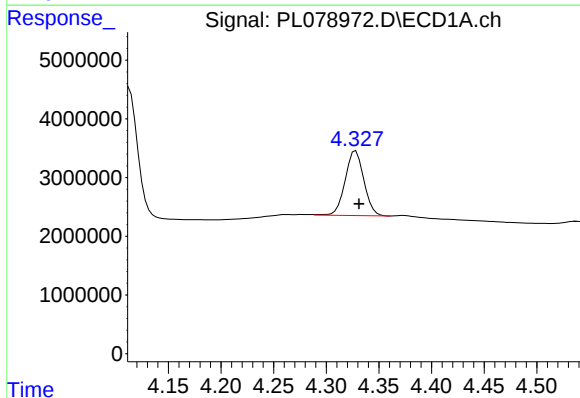
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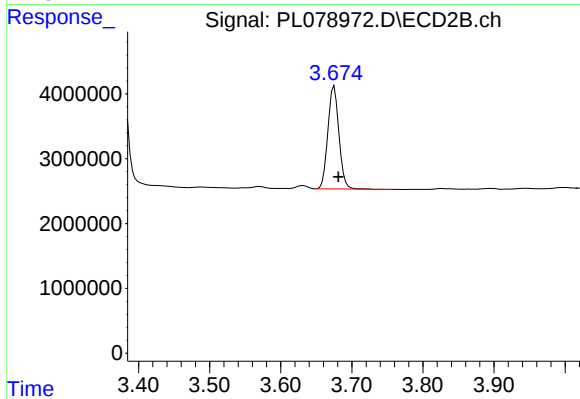
#3 gamma-BHC (Lindane)

R.T.: 3.374 min
Delta R.T.: -0.007 min
Response: 37571632
Conc: 10.45 ng/ml



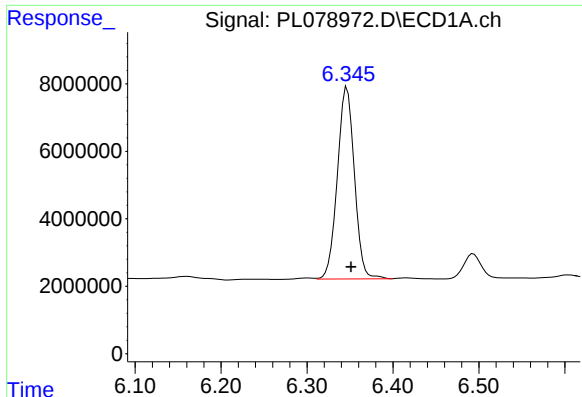
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: -0.003 min
Response: 13648928
Conc: 11.85 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 17217959
Conc: 12.00 ng/ml



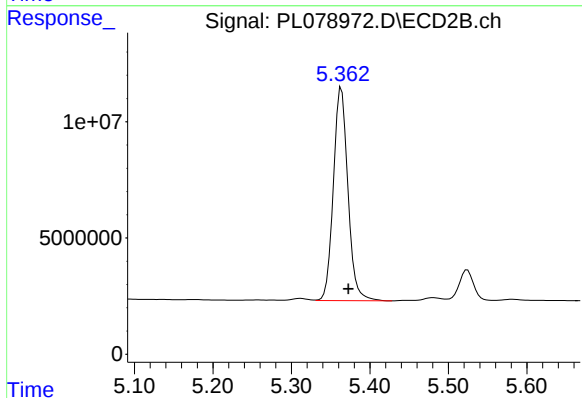
#14 Endrin

R.T.: 6.347 min
Delta R.T.: -0.005 min
Response: 78364807
Conc: 41.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

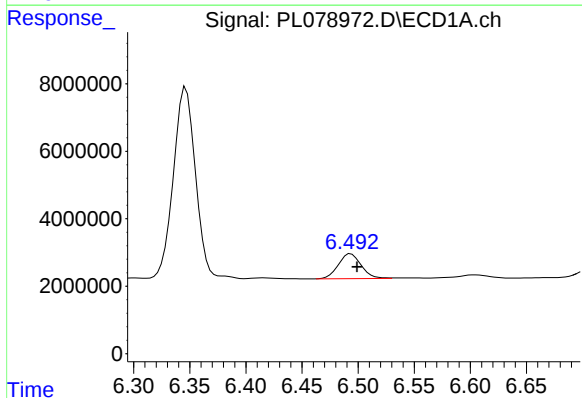
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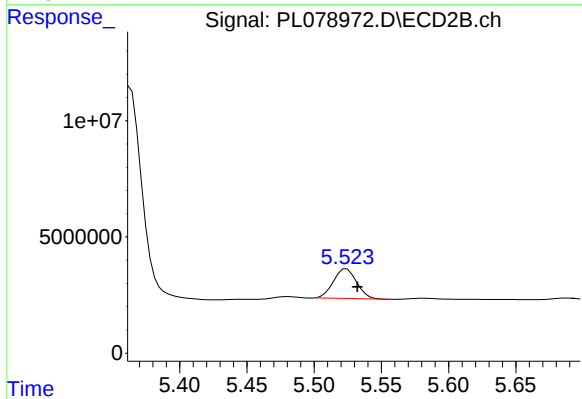
#14 Endrin

R.T.: 5.364 min
Delta R.T.: -0.009 min
Response: 118335498
Conc: 45.42 ng/ml



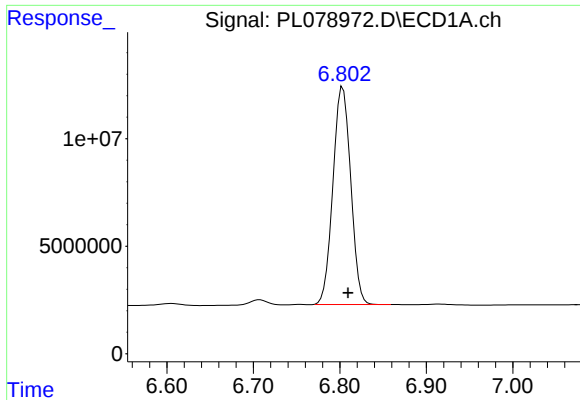
#16 4,4'-DDD

R.T.: 6.494 min
Delta R.T.: -0.005 min
Response: 10459458
Conc: 6.27 ng/ml



#16 4,4'-DDD

R.T.: 5.524 min
Delta R.T.: -0.008 min
Response: 15309437
Conc: 6.97 ng/ml



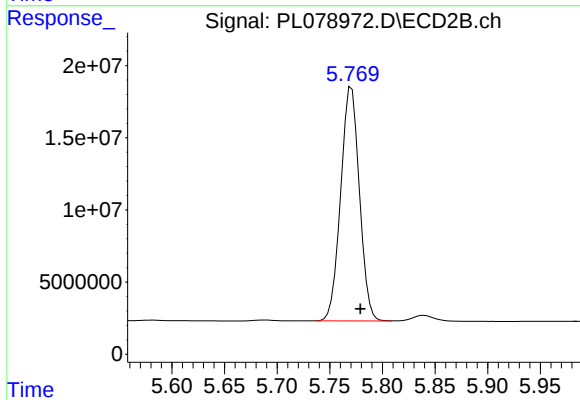
#17 4,4'-DDT

R.T.: 6.804 min
Delta R.T.: -0.006 min
Response: 144094943
Conc: 80.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

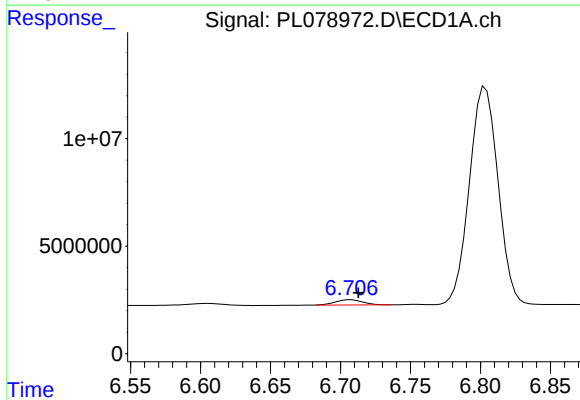
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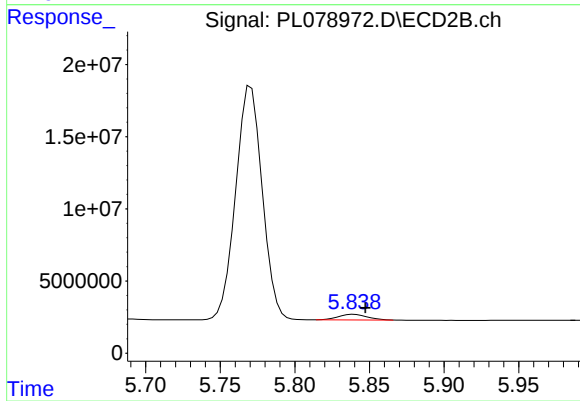
#17 4,4'-DDT

R.T.: 5.769 min
Delta R.T.: -0.010 min
Response: 201150510
Conc: 92.73 ng/ml m



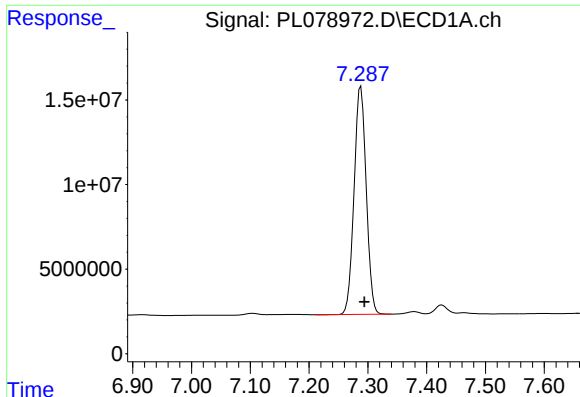
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.006 min
Response: 3302196
Conc: 2.27 ng/ml



#18 Endrin aldehyde

R.T.: 5.838 min
Delta R.T.: -0.009 min
Response: 5215731
Conc: 2.78 ng/ml m



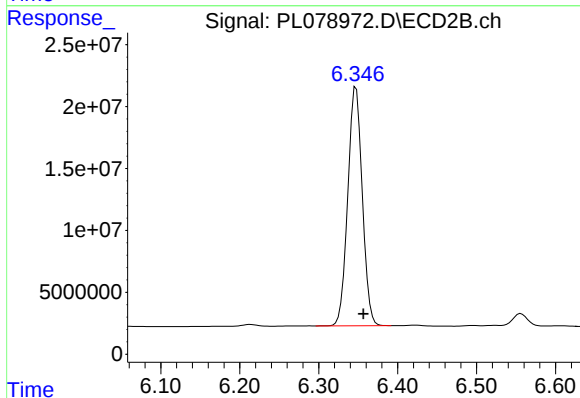
#20 Methoxychlor

R.T.: 7.288 min
Delta R.T.: -0.006 min
Response: 192990125
Conc: 209.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

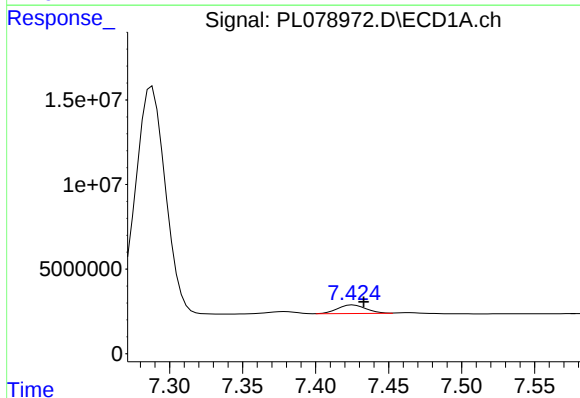
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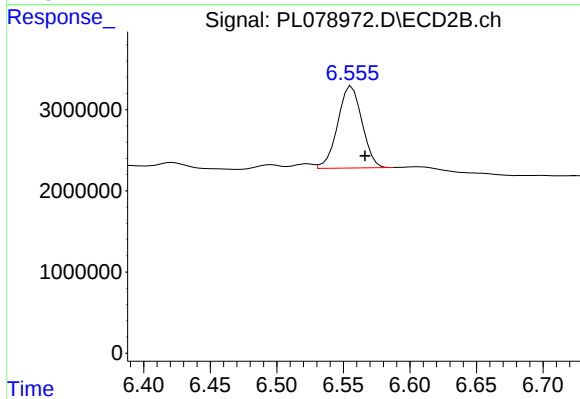
#20 Methoxychlor

R.T.: 6.347 min
Delta R.T.: -0.009 min
Response: 246664515
Conc: 217.36 ng/ml



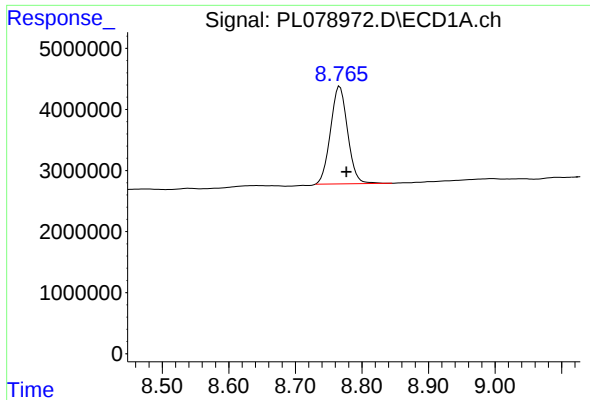
#21 Endrin ketone

R.T.: 7.426 min
Delta R.T.: -0.007 min
Response: 6799495
Conc: 3.61 ng/ml



#21 Endrin ketone

R.T.: 6.556 min
Delta R.T.: -0.010 min
Response: 12847283
Conc: 4.97 ng/ml



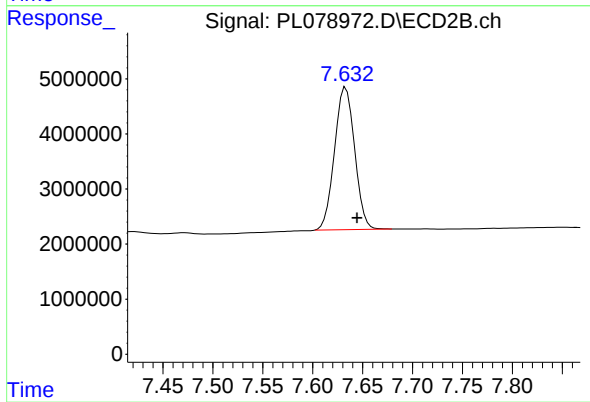
#28 Decachlorobiphenyl

R.T.: 8.767 min
Delta R.T.: -0.010 min
Response: 28526594
Conc: 18.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.633 min
Delta R.T.: -0.011 min
Response: 36353158
Conc: 19.19 ng/ml