

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122021\
 Data File : PL071527.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2021 09:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/21/2021
 Supervised By : Ankita Jodhani 12/23/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 13:35:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 2021
 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...	4.564	5.501	10202639	25099135	21.525	21.069
28)	SA Decachlor...	10.324	11.392	16021794	23675082	24.115	21.791
Target Compounds							
2)	A alpha-BHC	5.269	6.081	6247769	16859044	9.824	9.804
3)	MA gamma-BHC...	5.692	6.477	6234576	15751141	9.541	9.869
6)	B beta-BHC	6.075	6.735	3717345	9785746	13.018	12.225
12)	B 4,4'-DDE	7.559	8.500	149387	351995	0.274m	0.296
14)	MA Endrin	7.979	8.892	30213496	55205192	55.163	54.491
16)	A 4,4'-DDD	8.146	9.038	774508	1547541	1.646m	1.753m
17)	MA 4,4'-DDT	8.408	9.355	58286475	123.7E6	114.211	125.046
20)	A Methoxychlor	9.003	9.842	77541403	133.3E6	239.401	265.614
21)	B Endrin ke...	9.227	9.997	1157841	1184761	1.755	1.127 #

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

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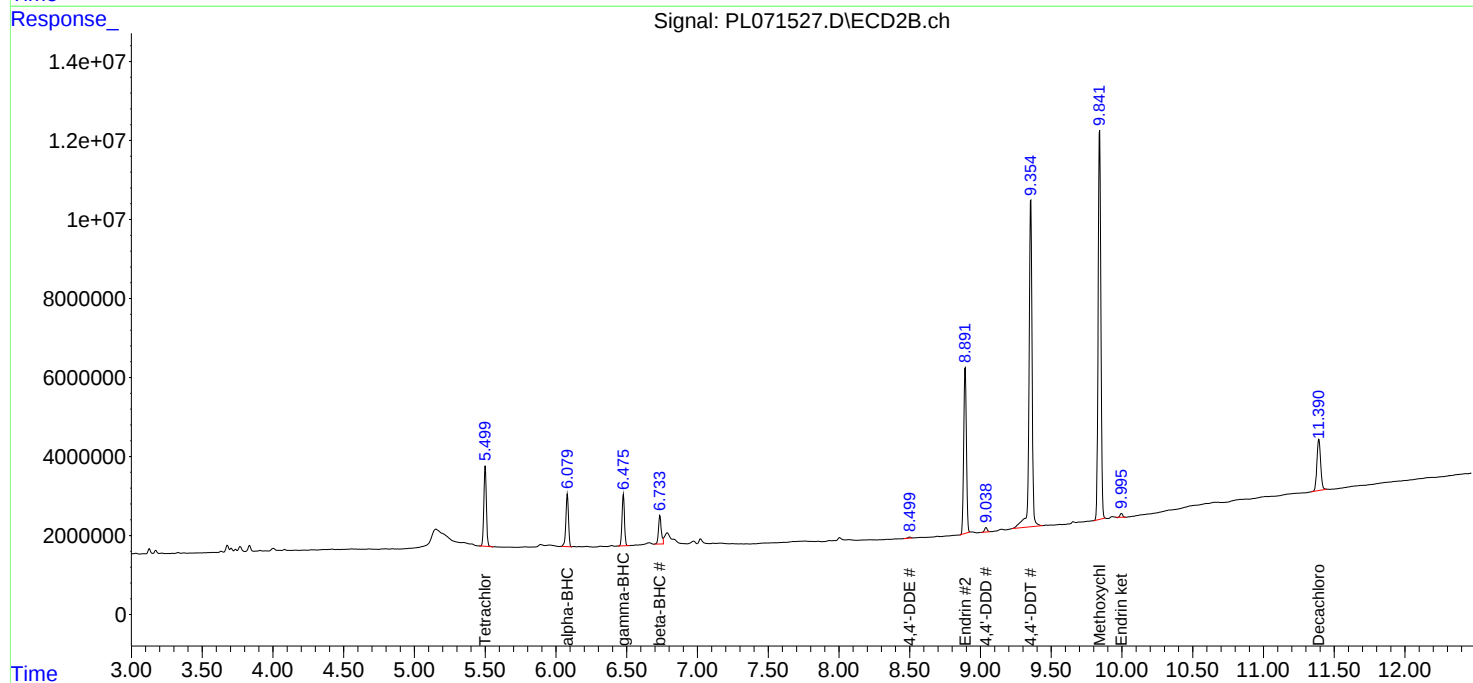
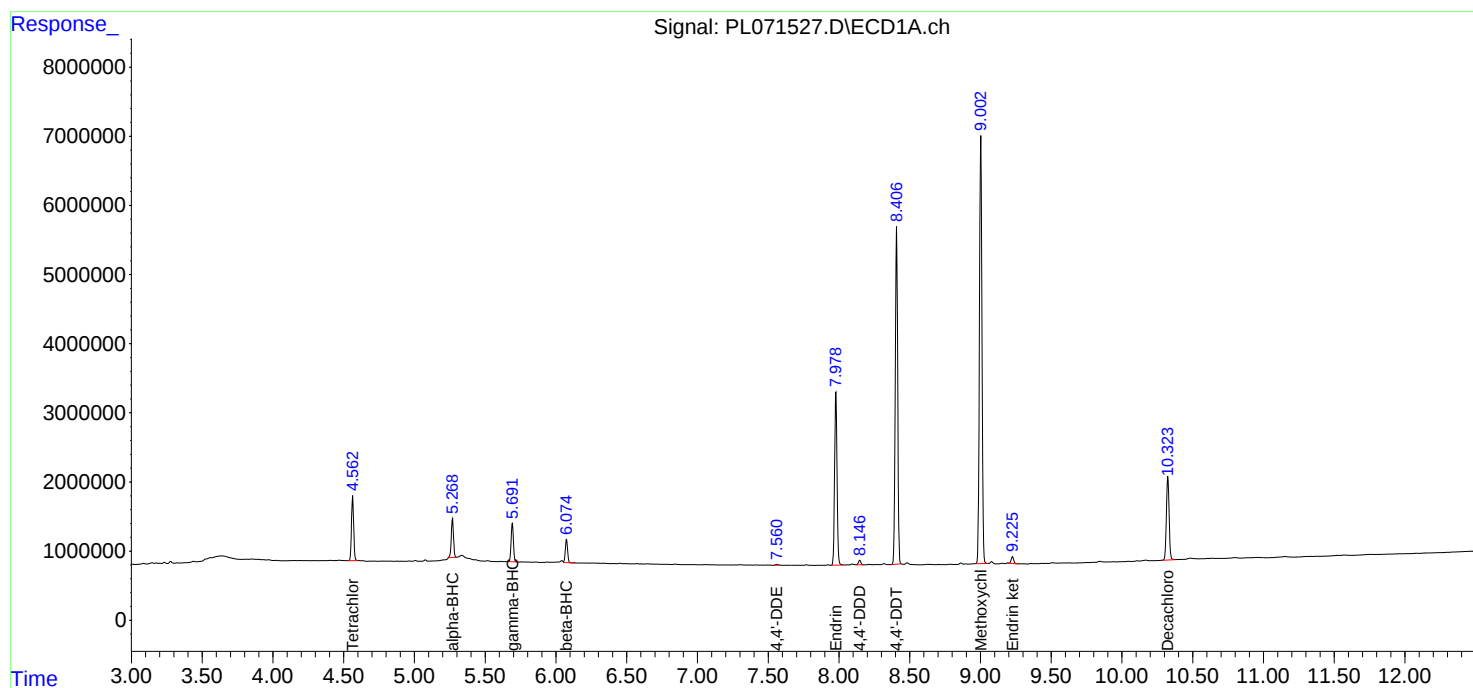
Instrument :
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ClientSampleId :
PEM

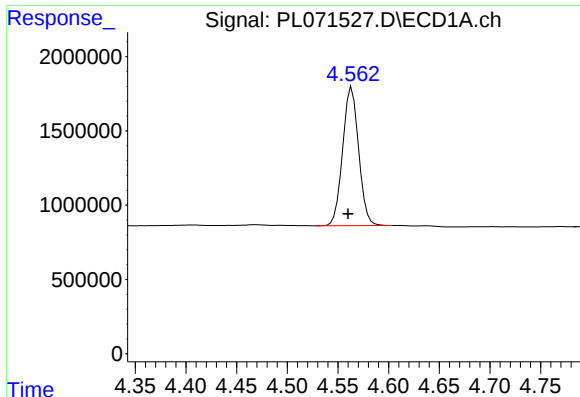
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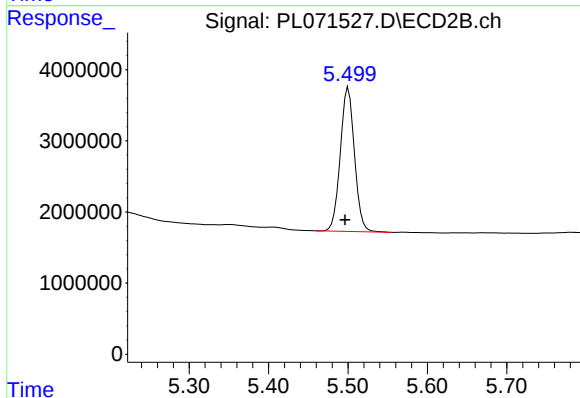
#1 Tetrachloro-m-xylene

R.T.: 4.564 min
Delta R.T.: 0.004 min
Response: 10202639
Conc: 21.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

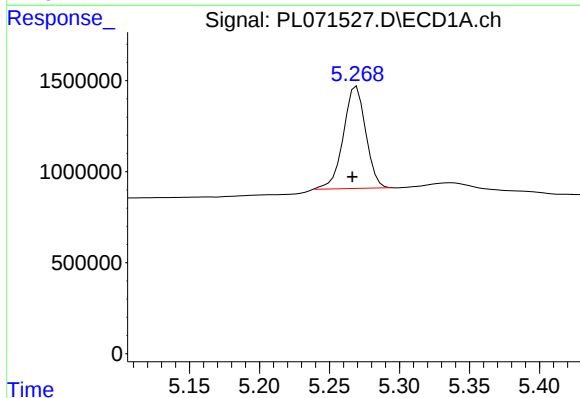
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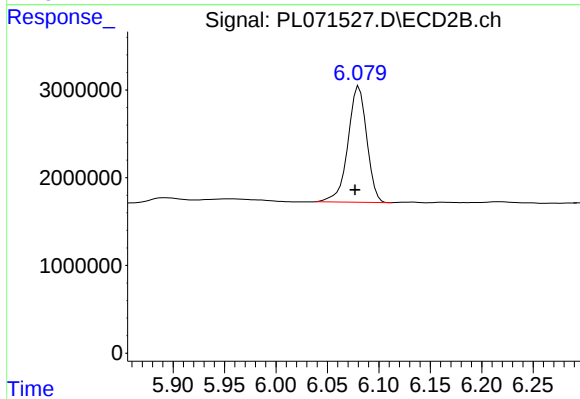
#1 Tetrachloro-m-xylene

R.T.: 5.501 min
Delta R.T.: 0.004 min
Response: 25099135
Conc: 21.07 ng/ml



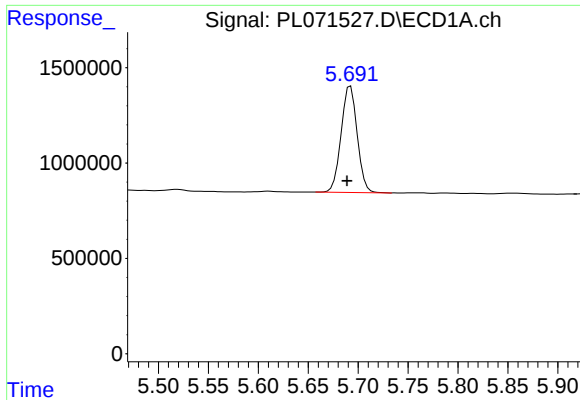
#2 alpha-BHC

R.T.: 5.269 min
Delta R.T.: 0.003 min
Response: 6247769
Conc: 9.82 ng/ml



#2 alpha-BHC

R.T.: 6.081 min
Delta R.T.: 0.004 min
Response: 16859044
Conc: 9.80 ng/ml



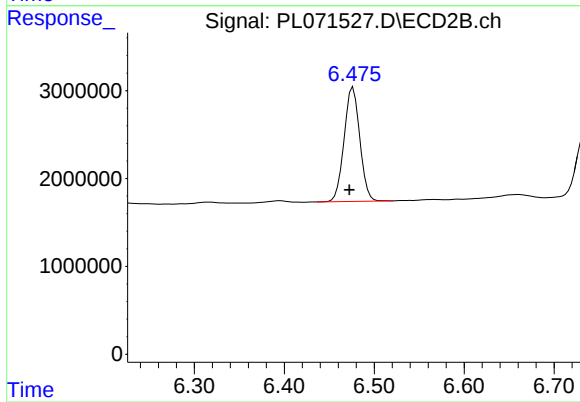
#3 gamma-BHC (Lindane)

R.T.: 5.692 min
Delta R.T.: 0.003 min
Response: 6234576
Conc: 9.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

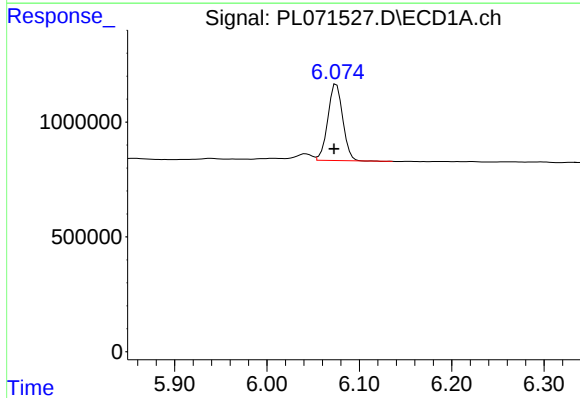
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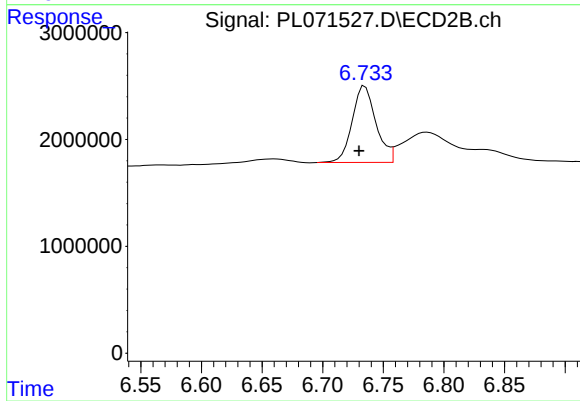
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.004 min
Response: 15751141
Conc: 9.87 ng/ml



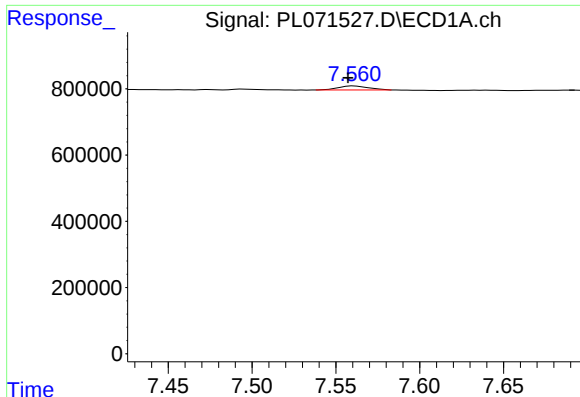
#6 beta-BHC

R.T.: 6.075 min
Delta R.T.: 0.003 min
Response: 3717345
Conc: 13.02 ng/ml



#6 beta-BHC

R.T.: 6.735 min
Delta R.T.: 0.005 min
Response: 9785746
Conc: 12.23 ng/ml



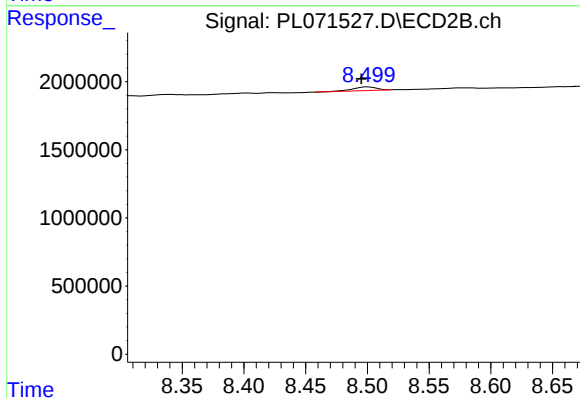
#12 4,4'-DDE

R.T.: 7.559 min
Delta R.T.: 0.002 min
Response: 149387
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

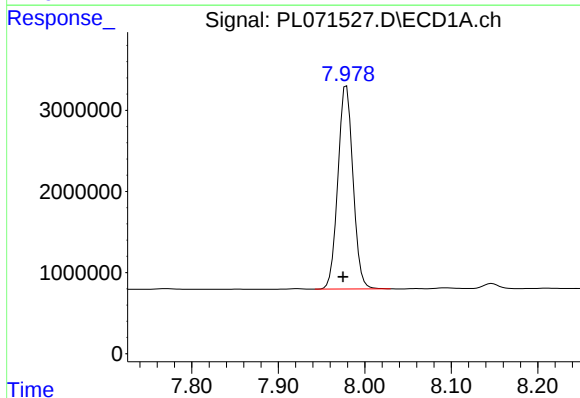
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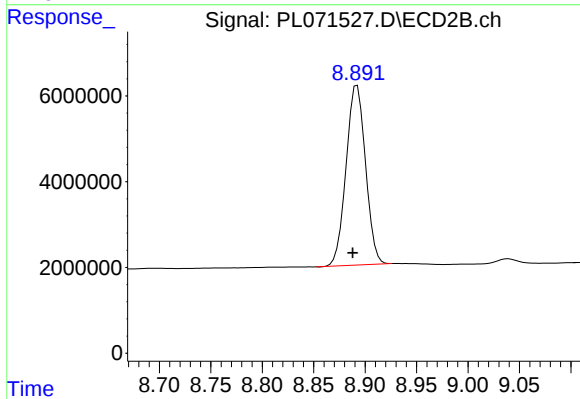
#12 4,4'-DDE

R.T.: 8.500 min
Delta R.T.: 0.005 min
Response: 351995
Conc: 0.30 ng/ml



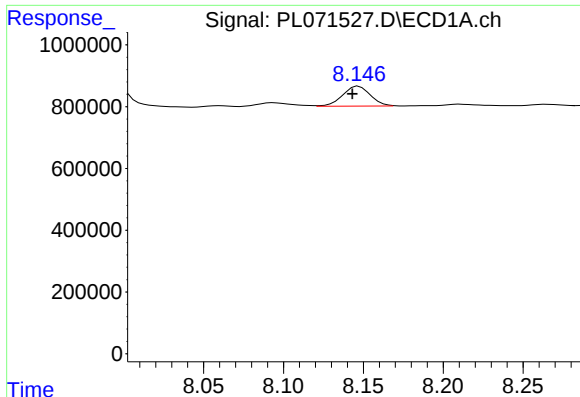
#14 Endrin

R.T.: 7.979 min
Delta R.T.: 0.004 min
Response: 30213496
Conc: 55.16 ng/ml



#14 Endrin

R.T.: 8.892 min
Delta R.T.: 0.004 min
Response: 55205192
Conc: 54.49 ng/ml



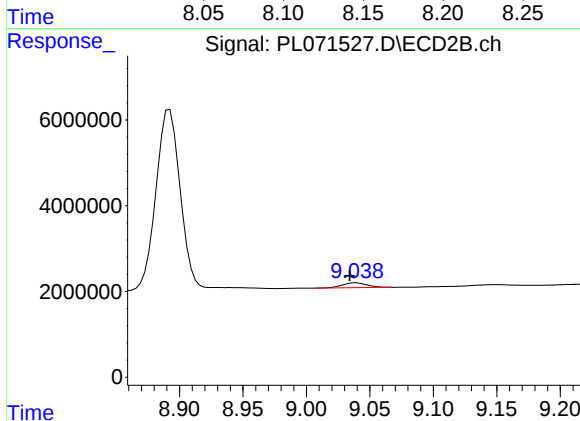
#16 4,4'-DDD

R.T.: 8.146 min
Delta R.T.: 0.003 min
Response: 774508
Conc: 1.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

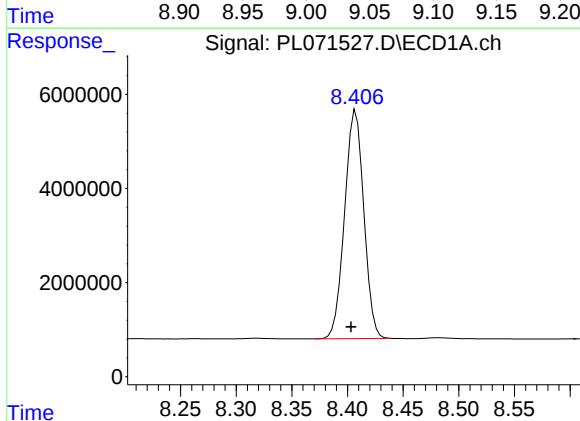
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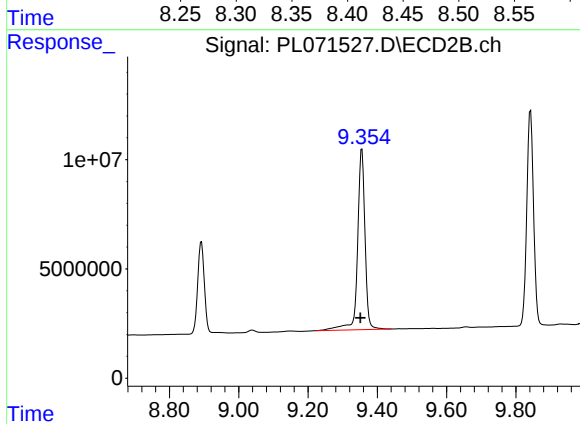
#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: 0.004 min
Response: 1547541
Conc: 1.75 ng/ml m



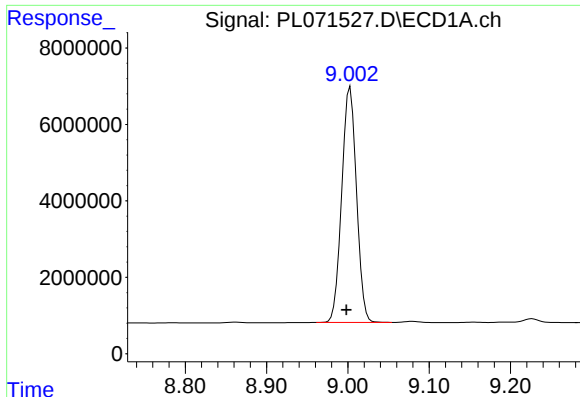
#17 4,4'-DDT

R.T.: 8.408 min
Delta R.T.: 0.004 min
Response: 58286475
Conc: 114.21 ng/ml



#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: 0.005 min
Response: 123652718
Conc: 125.05 ng/ml



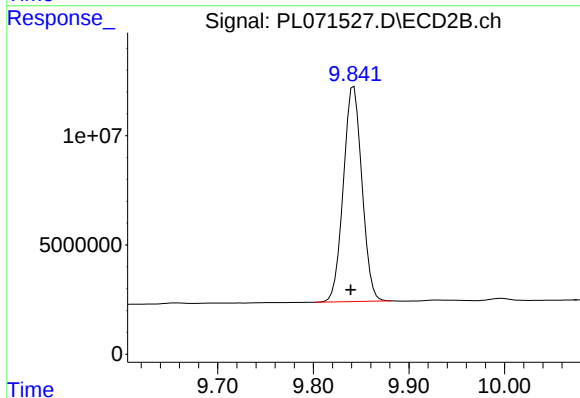
#20 Methoxychlor

R.T.: 9.003 min
Delta R.T.: 0.005 min
Response: 77541403
Conc: 239.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

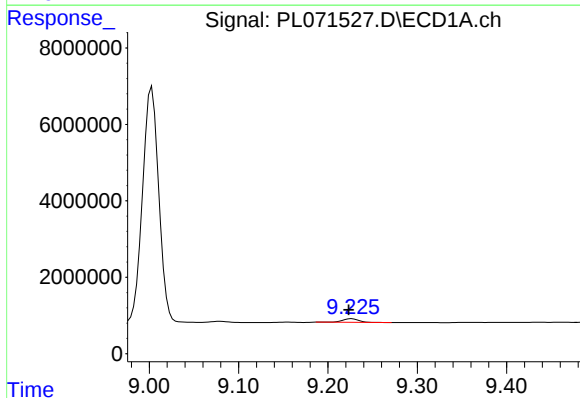
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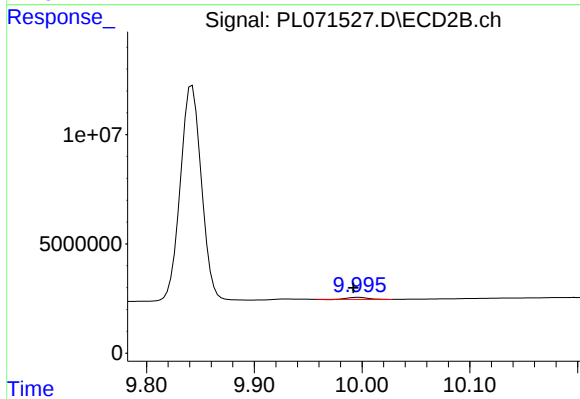
#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: 0.003 min
Response: 133331001
Conc: 265.61 ng/ml



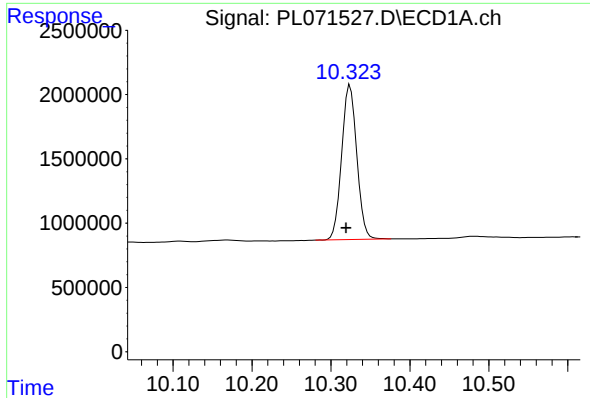
#21 Endrin ketone

R.T.: 9.227 min
Delta R.T.: 0.003 min
Response: 1157841
Conc: 1.76 ng/ml



#21 Endrin ketone

R.T.: 9.997 min
Delta R.T.: 0.005 min
Response: 1184761
Conc: 1.13 ng/ml



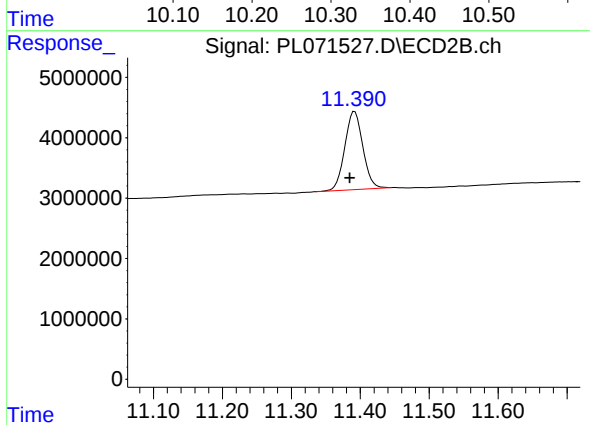
#28 Decachlorobiphenyl

R.T.: 10.324 min
Delta R.T.: 0.005 min
Response: 16021794
Conc: 24.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 11.392 min
Delta R.T.: 0.007 min
Response: 23675082
Conc: 21.79 ng/ml