

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113021\
 Data File : PL071211.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 16:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/01/2021
 Supervised By : Ankita Jodhani 12/01/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 21:38:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 16:26:31 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	5.500	9531022	25753589	20.292	20.522
28)	SA Decachlor...	10.328	11.391	15539513	30545352	21.461	21.975
Target Compounds							
2)	A alpha-BHC	5.269	6.080	5211132	17578582	7.971	9.495
3)	MA gamma-BHC...	5.691	6.476	5785288	16683295	9.059m	9.478
6)	B beta-BHC	6.074	6.733	3437573	10207816	11.355m	11.598
12)	B 4,4'-DDE	7.561	8.498	152736	333438	0.270m	0.217m
14)	MA Endrin	7.981	8.892	28368724	69926526	50.161	52.112
16)	A 4,4'-DDD	8.150	9.038	284238	713953	0.567	0.615
17)	MA 4,4'-DDT	8.410	9.356	56310475	139.2E6	102.942	100.104
18)	B Endrin al...	8.488	9.261	165837	156748	0.362m	0.152m#
20)	A Methoxychlor	9.005	9.843	81674003	183.6E6	226.058	253.231
21)	B Endrin ke...	9.228	9.997	931308	502467	1.307	0.343 #

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

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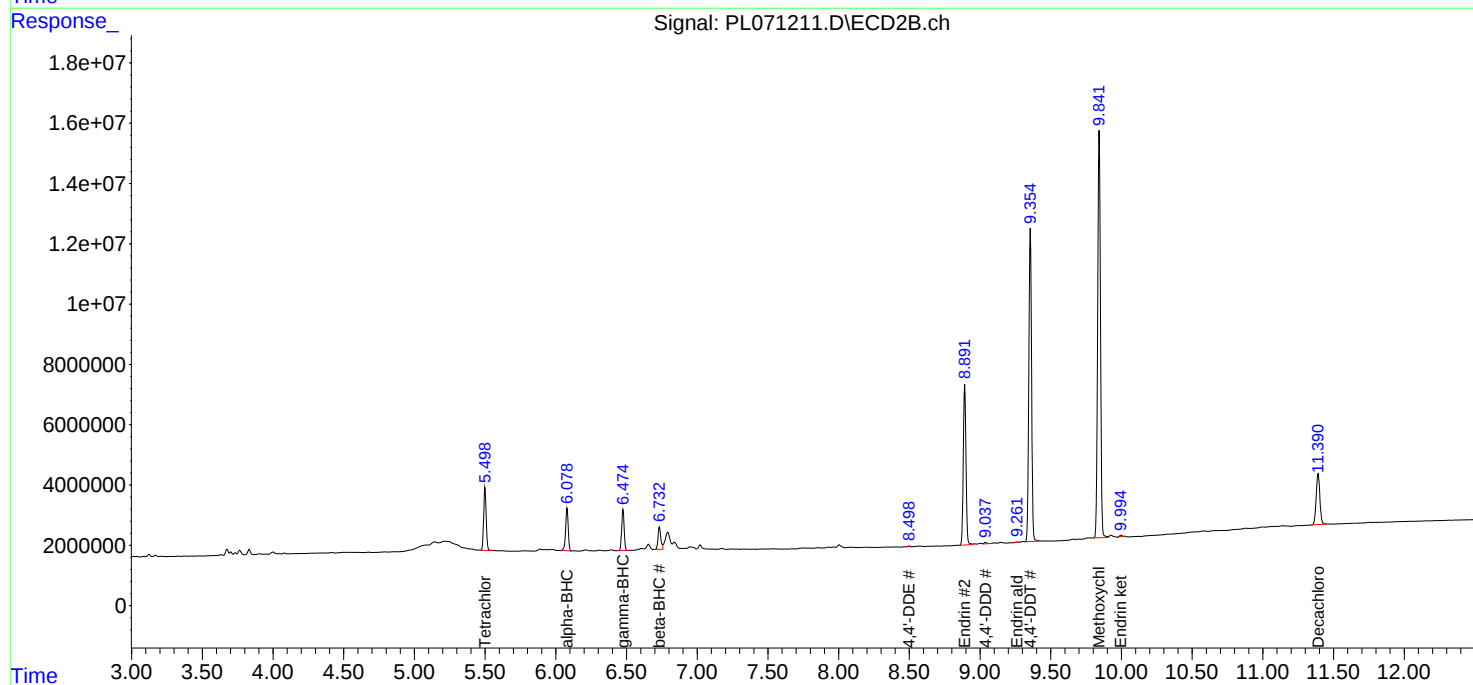
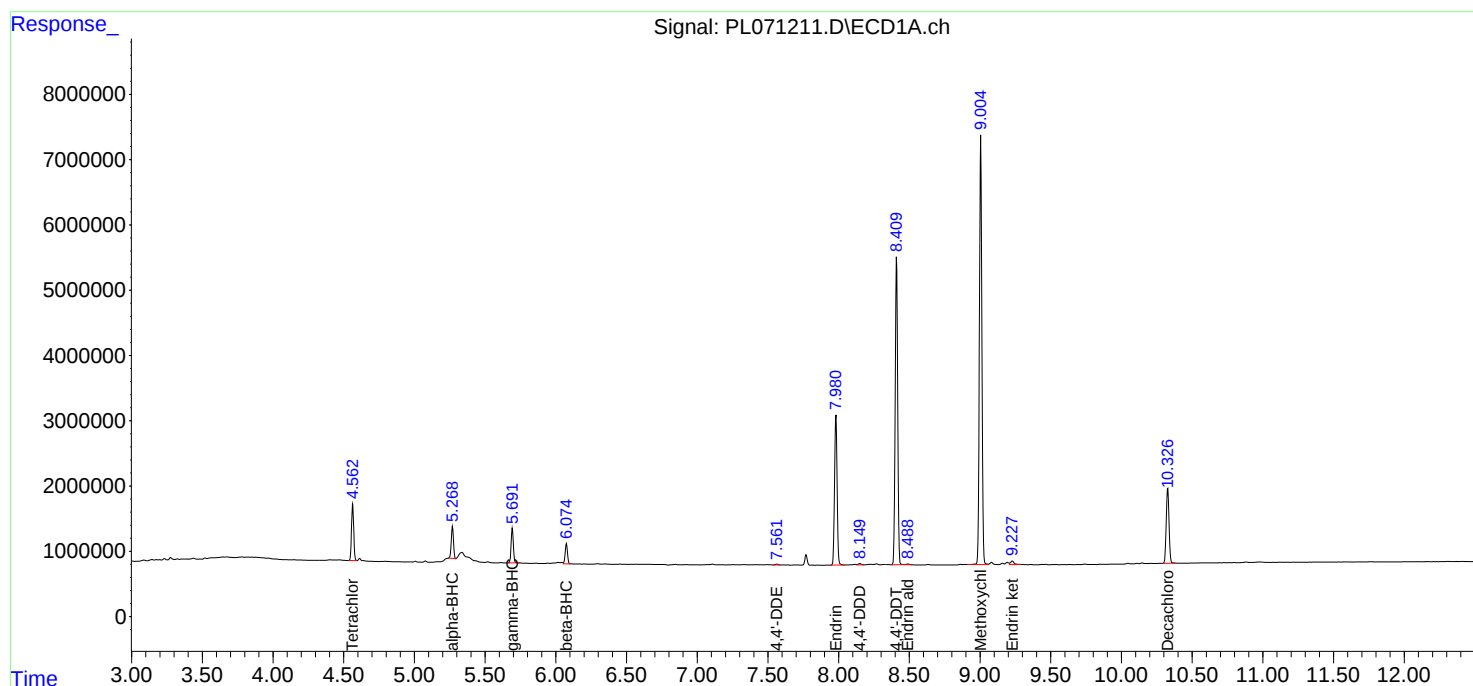
Instrument :
ECD_L
ClientSampleId :
PEM

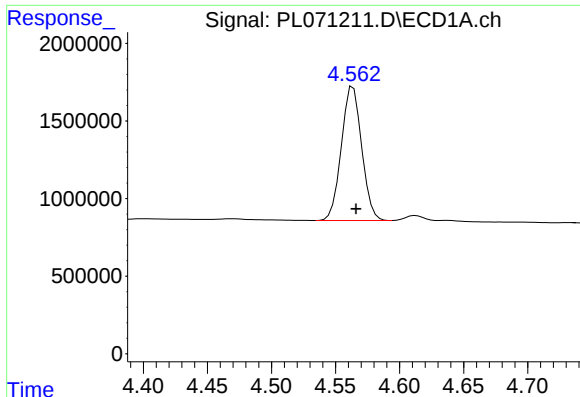
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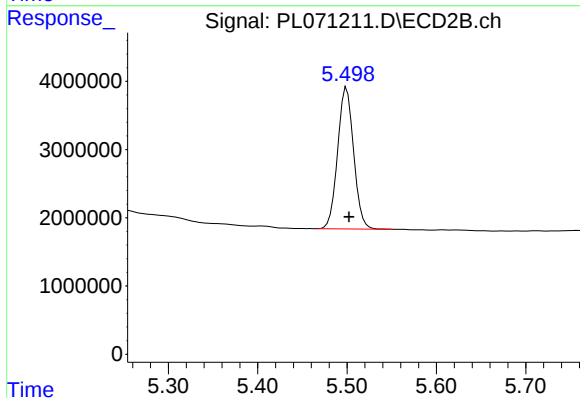
#1 Tetrachloro-m-xylene

R.T.: 4.564 min
Delta R.T.: -0.002 min
Response: 9531022
Conc: 20.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

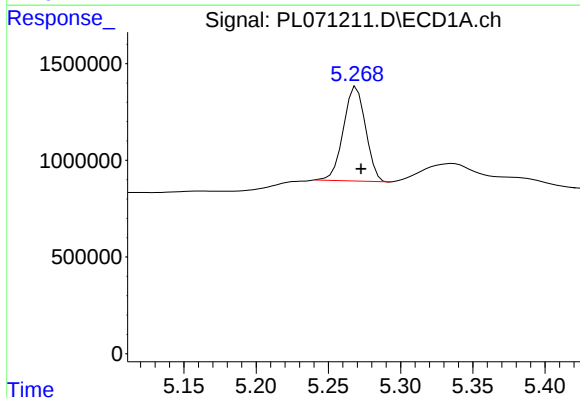
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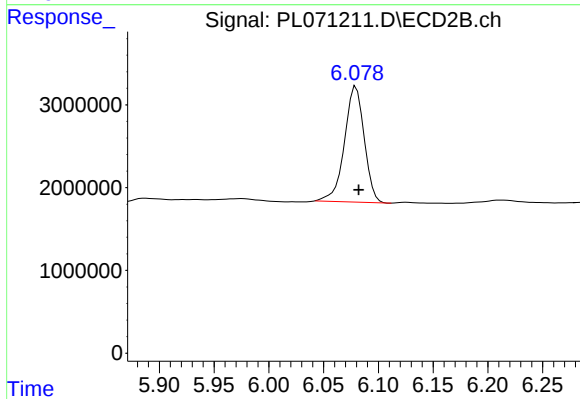
#1 Tetrachloro-m-xylene

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 25753589
Conc: 20.52 ng/ml



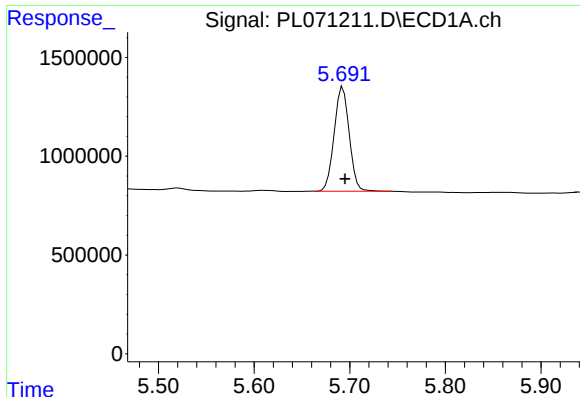
#2 alpha-BHC

R.T.: 5.269 min
Delta R.T.: -0.003 min
Response: 5211132
Conc: 7.97 ng/ml



#2 alpha-BHC

R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 17578582
Conc: 9.49 ng/ml



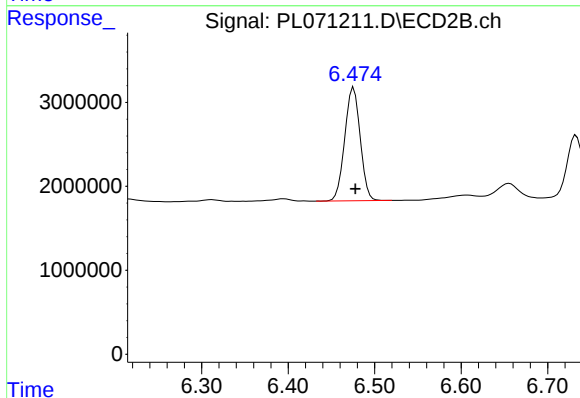
#3 gamma-BHC (Lindane)

R.T.: 5.691 min
Delta R.T.: -0.004 min
Response: 5785288
Conc: 9.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

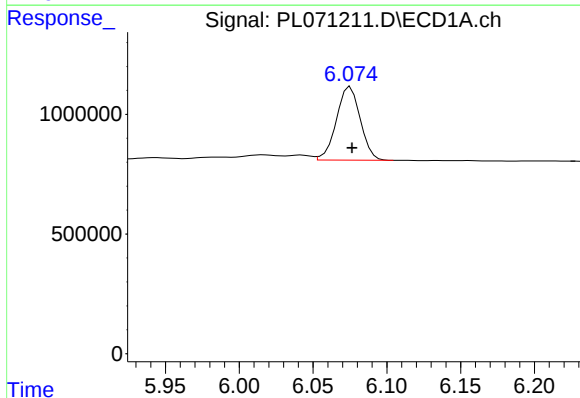
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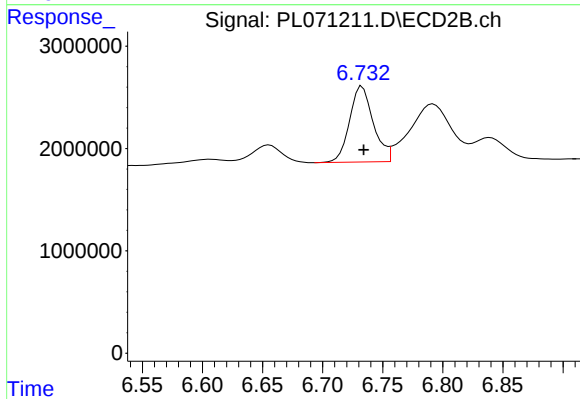
#3 gamma-BHC (Lindane)

R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 16683295
Conc: 9.48 ng/ml



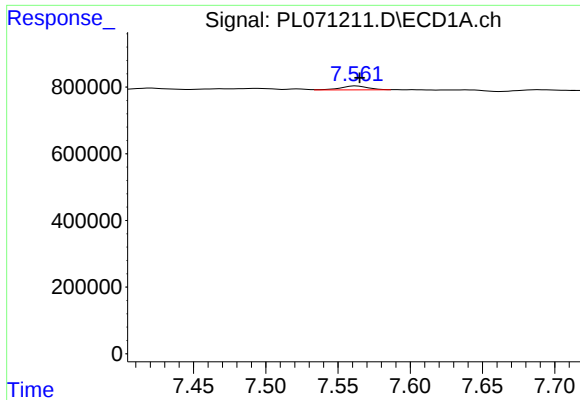
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 3437573
Conc: 11.36 ng/ml m



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: -0.001 min
Response: 10207816
Conc: 11.60 ng/ml



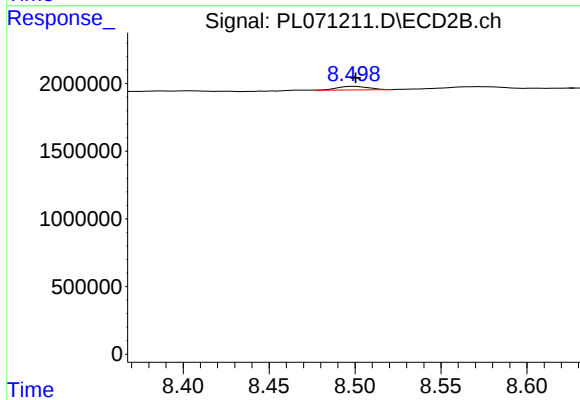
#12 4,4'-DDE

R.T.: 7.561 min
Delta R.T.: -0.004 min
Response: 152736
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

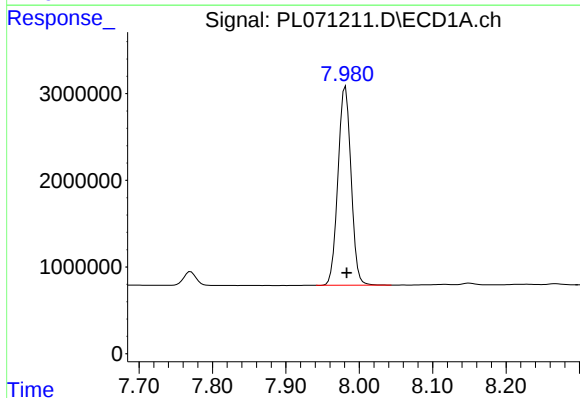
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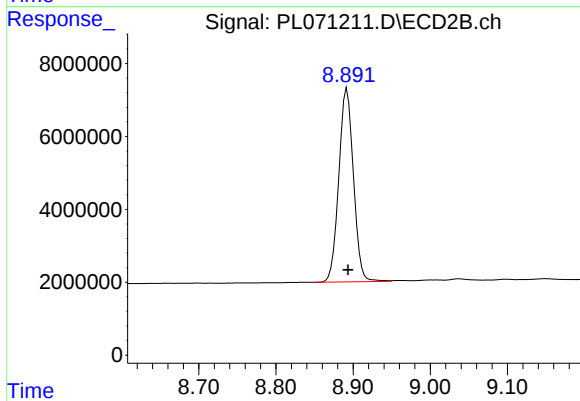
#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: -0.003 min
Response: 333438
Conc: 0.22 ng/ml m



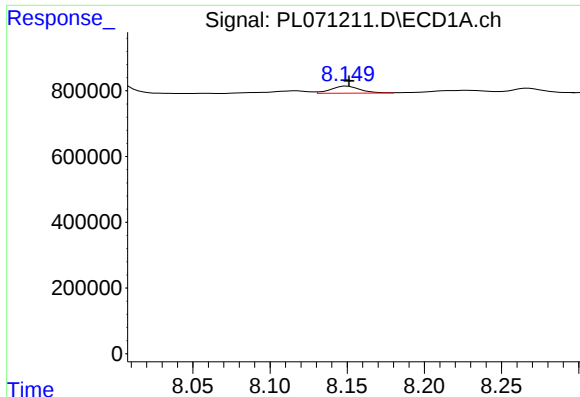
#14 Endrin

R.T.: 7.981 min
Delta R.T.: -0.001 min
Response: 28368724
Conc: 50.16 ng/ml



#14 Endrin

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 69926526
Conc: 52.11 ng/ml



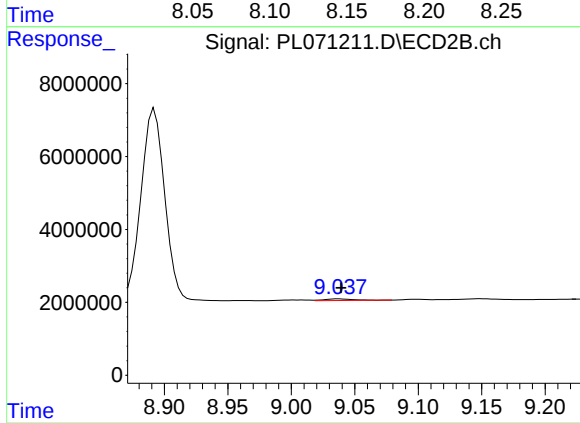
#16 4,4'-DDD

R.T.: 8.150 min
Delta R.T.: -0.001 min
Response: 284238
Conc: 0.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

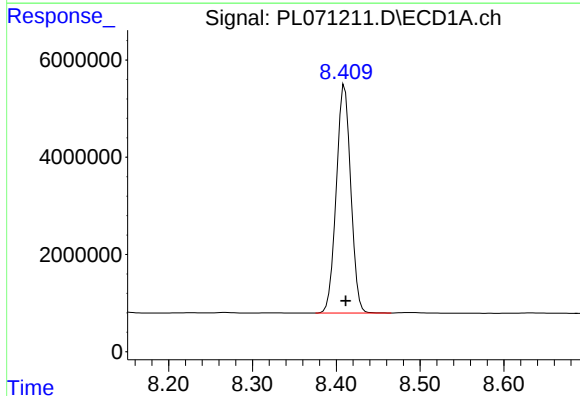
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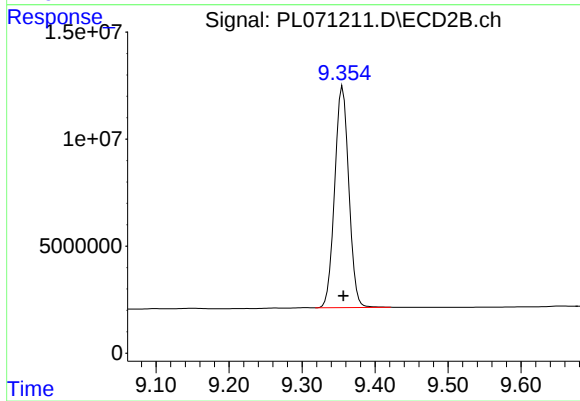
#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: -0.001 min
Response: 713953
Conc: 0.62 ng/ml



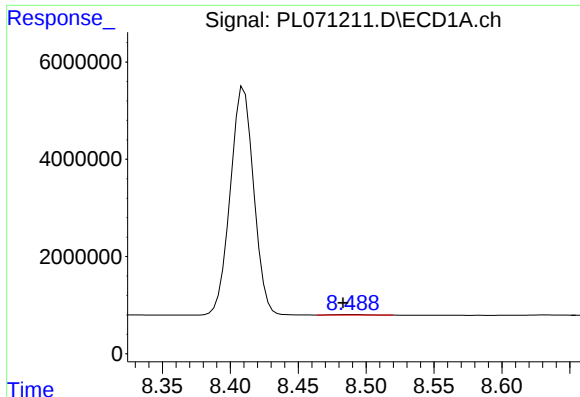
#17 4,4'-DDT

R.T.: 8.410 min
Delta R.T.: -0.002 min
Response: 56310475
Conc: 102.94 ng/ml



#17 4,4'-DDT

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 139239194
Conc: 100.10 ng/ml



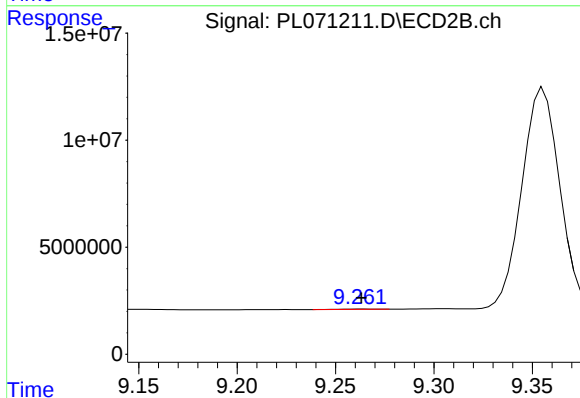
#18 Endrin aldehyde

R.T.: 8.488 min
Delta R.T.: 0.005 min
Response: 165837
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

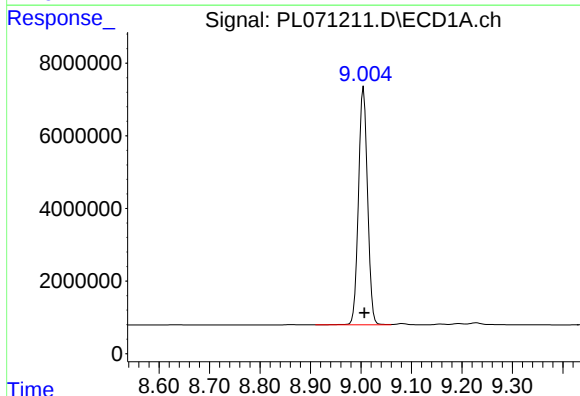
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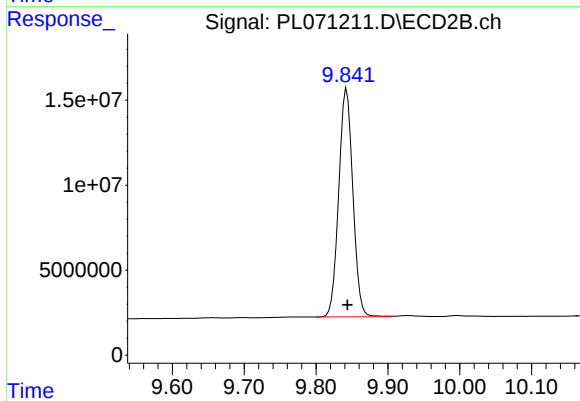
#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.002 min
Response: 156748
Conc: 0.15 ng/ml m



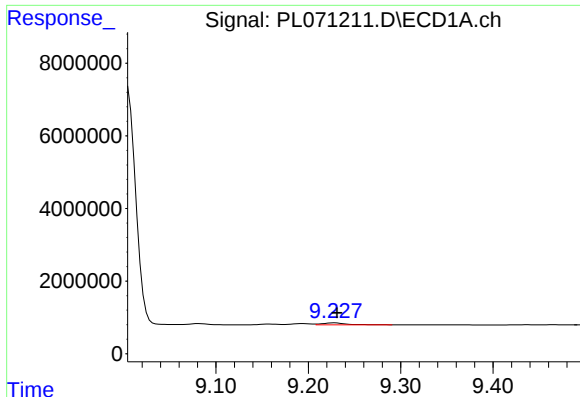
#20 Methoxychlor

R.T.: 9.005 min
Delta R.T.: -0.002 min
Response: 81674003
Conc: 226.06 ng/ml



#20 Methoxychlor

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 183609699
Conc: 253.23 ng/ml



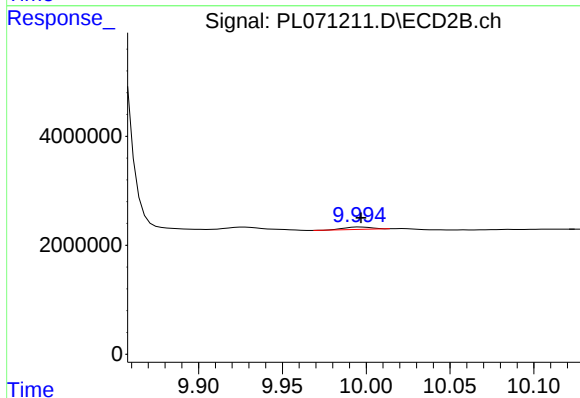
#21 Endrin ketone

R.T.: 9.228 min
Delta R.T.: -0.003 min
Response: 931308
Conc: 1.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

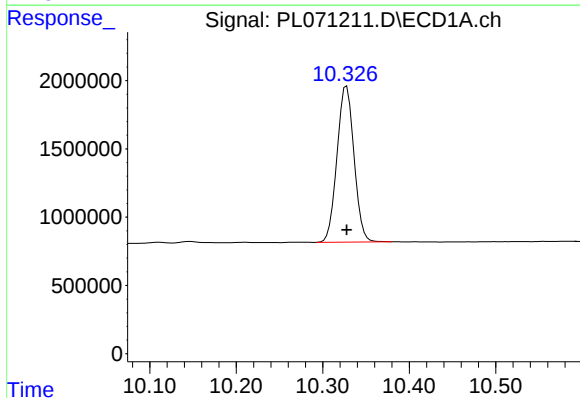
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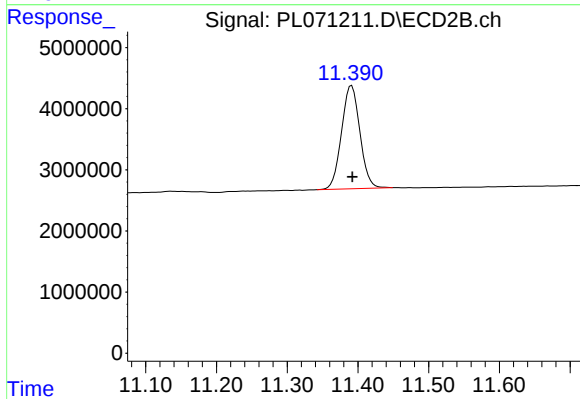
#21 Endrin ketone

R.T.: 9.997 min
Delta R.T.: 0.000 min
Response: 502467
Conc: 0.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.328 min
Delta R.T.: 0.000 min
Response: 15539513
Conc: 21.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.391 min
Delta R.T.: 0.000 min
Response: 30545352
Conc: 21.98 ng/ml