

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021022\
 Data File : PL072587.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2022 11:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/11/2022
 Supervised By :Ankita Jodhani 02/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 00:45:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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...	4.553	5.492	10986086	38446806	22.816	22.257
28)	SA Decachlor...	10.315	11.384	19511415	40469713	25.773	25.520
Target Compounds							
2)	A alpha-BHC	5.260	6.073	6745777	24782492	10.231	10.349
3)	MA gamma-BHC...	5.683	6.470	6636998	24447757	10.560	10.618
6)	B beta-BHC	6.067	6.730	3695065	13639594	14.912m	13.380
12)	B 4,4'-DDE	7.551	8.494	457868	628213	0.753	0.336m#
14)	MA Endrin	7.970	8.887	35314280	96141241	60.283	61.017
16)	A 4,4'-DDD	8.138	9.034	133372	309609	0.277m	0.224m
17)	MA 4,4'-DDT	8.399	9.351	75856455	190.8E6	140.976	124.667
18)	B Endrin al...	8.481	9.260	331025	82338	0.759m	0.073m#
20)	A Methoxychlor	8.995	9.839	106.8E6	247.2E6	303.868	305.268
21)	B Endrin ke...	9.218	9.991	443730	819528	0.646m	0.514m

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

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Acq On : 10 Feb 2022 11:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

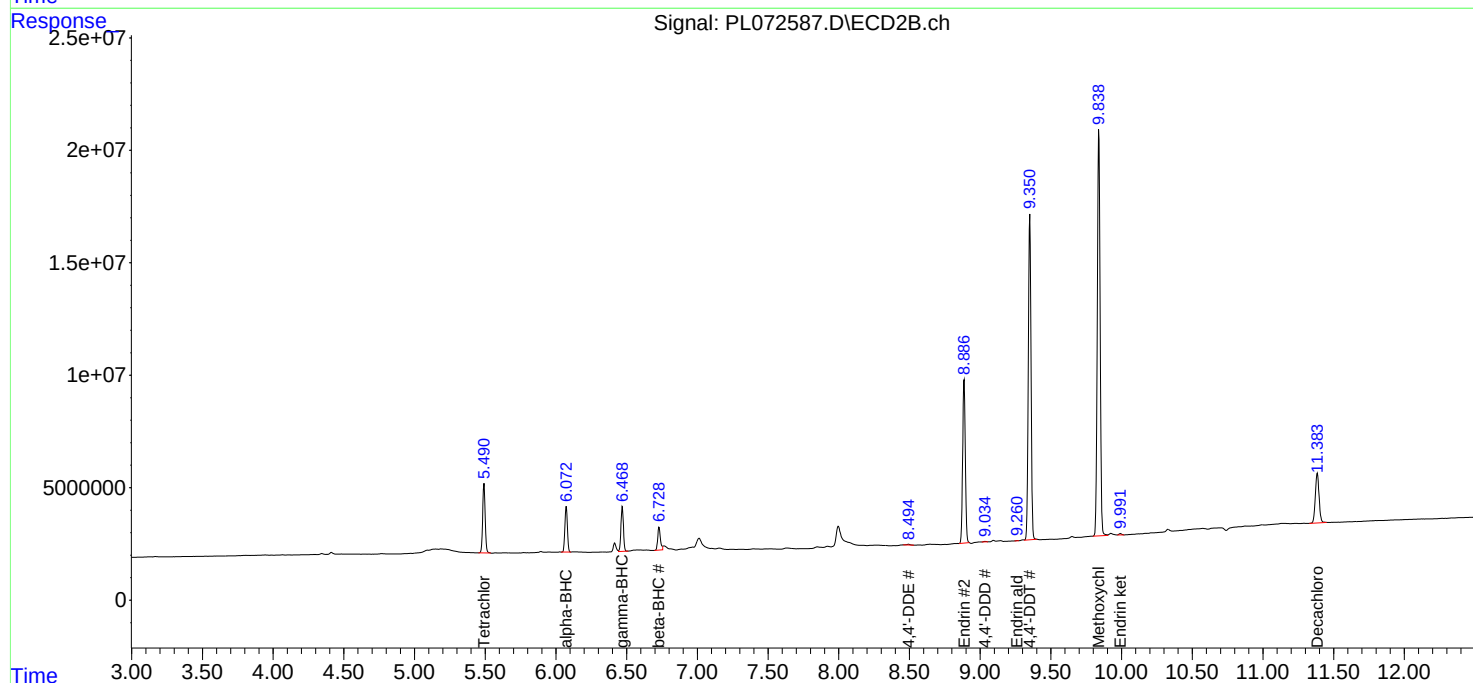
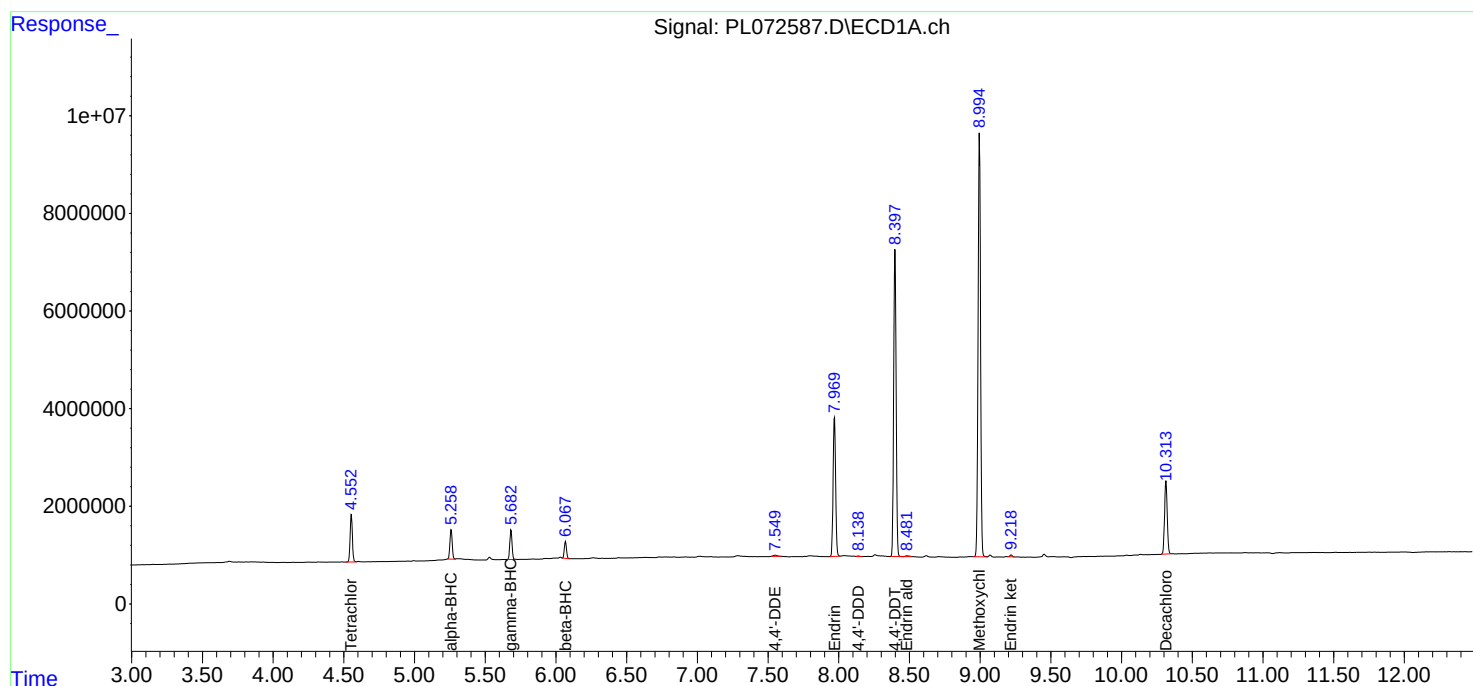
Instrument :
ECD_L
ClientSampleId :
PEM

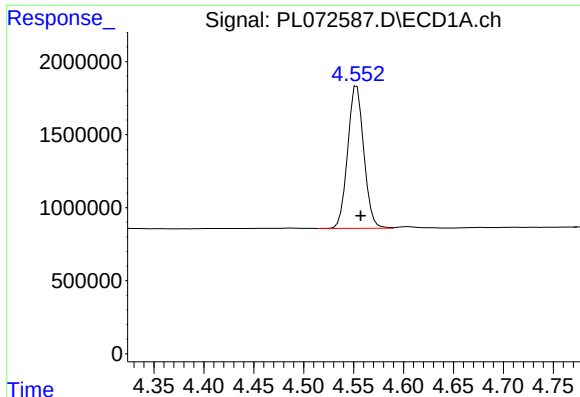
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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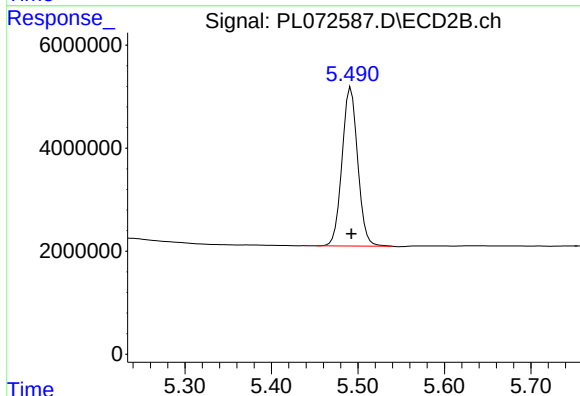
#1 Tetrachloro-m-xylene

R.T.: 4.553 min
Delta R.T.: -0.004 min
Response: 10986086
Conc: 22.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

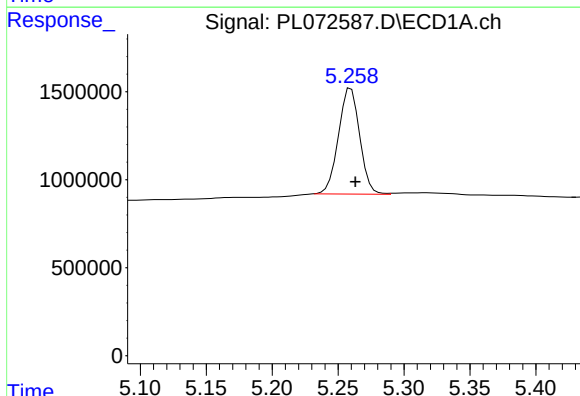
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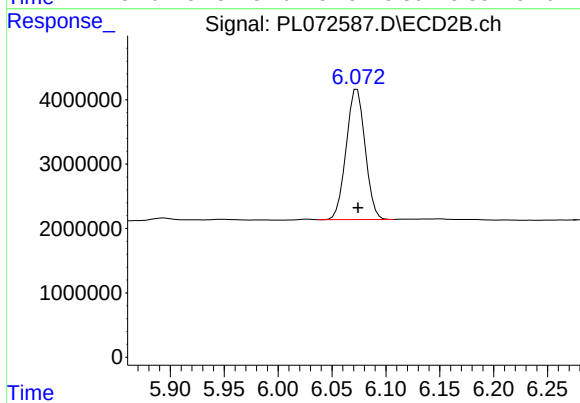
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 38446806
Conc: 22.26 ng/ml



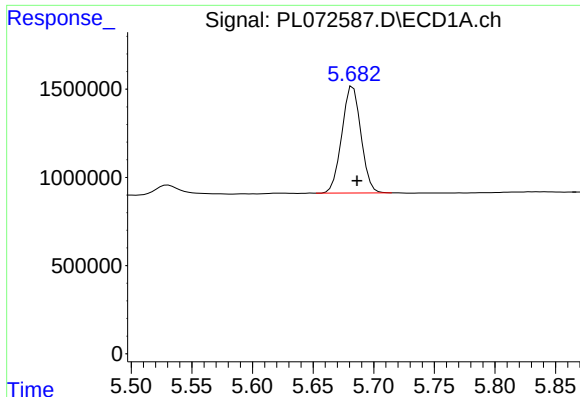
#2 alpha-BHC

R.T.: 5.260 min
Delta R.T.: -0.003 min
Response: 6745777
Conc: 10.23 ng/ml



#2 alpha-BHC

R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 24782492
Conc: 10.35 ng/ml



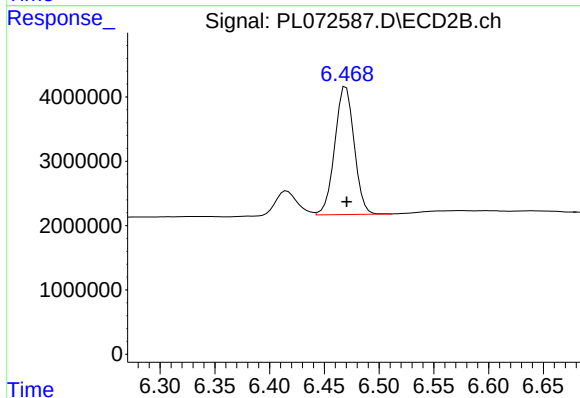
#3 gamma-BHC (Lindane)

R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 6636998
Conc: 10.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

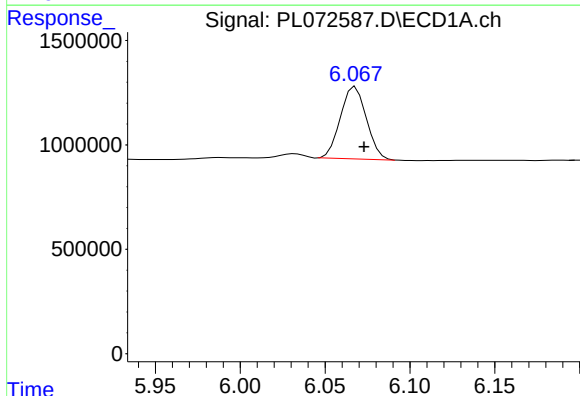
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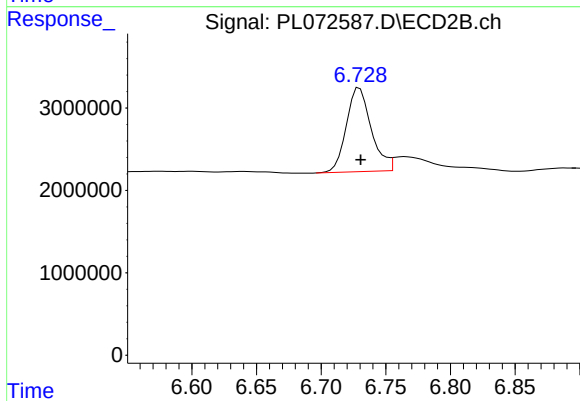
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 24447757
Conc: 10.62 ng/ml



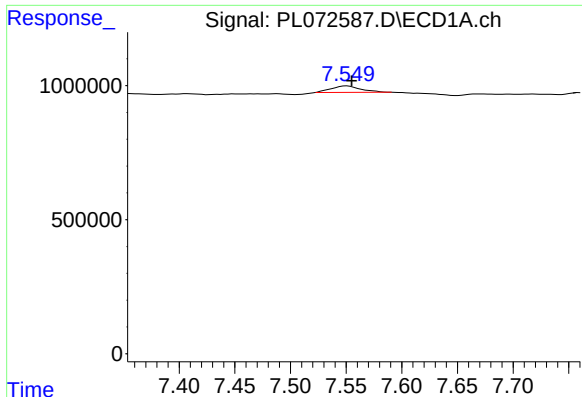
#6 beta-BHC

R.T.: 6.067 min
Delta R.T.: -0.006 min
Response: 3695065
Conc: 14.91 ng/ml m



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 13639594
Conc: 13.38 ng/ml



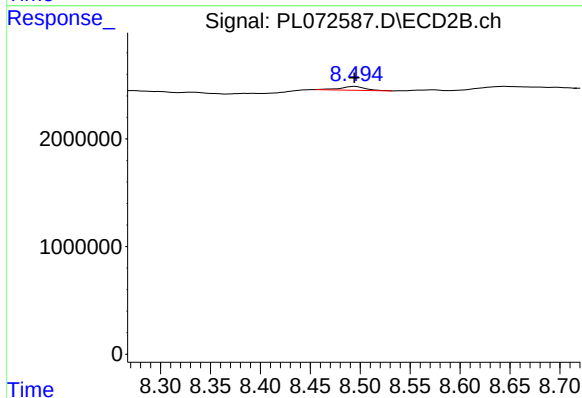
#12 4,4'-DDE

R.T.: 7.551 min
Delta R.T.: -0.004 min
Response: 457868
Conc: 0.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#12 4,4'-DDE

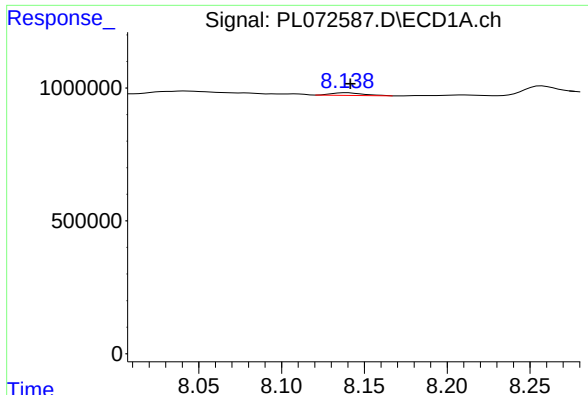
R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 628213
Conc: 0.34 ng/ml m

#14 Endrin

R.T.: 7.970 min
Delta R.T.: -0.002 min
Response: 35314280
Conc: 60.28 ng/ml

#14 Endrin

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 96141241
Conc: 61.02 ng/ml



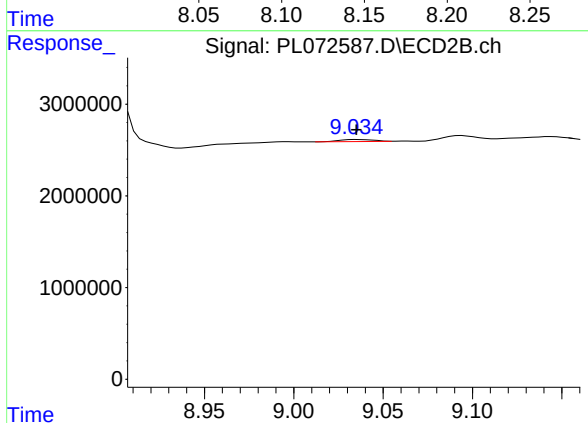
#16 4,4'-DDD

R.T.: 8.138 min
Delta R.T.: -0.003 min
Response: 133372
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

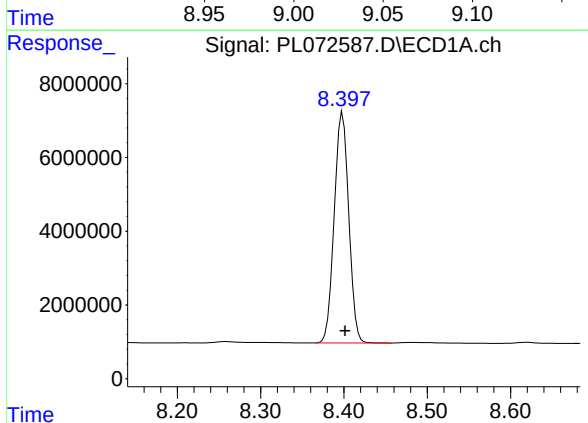
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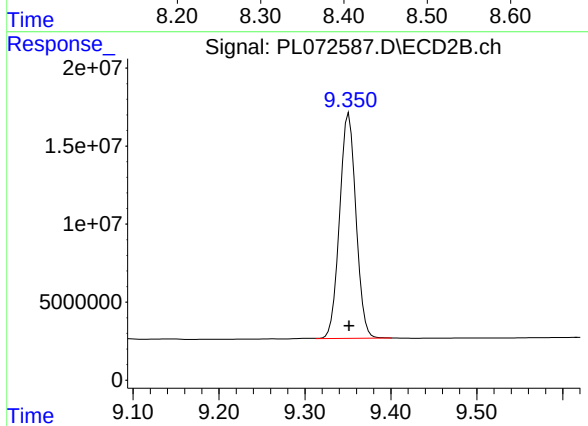
#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: -0.001 min
Response: 309609
Conc: 0.22 ng/ml m



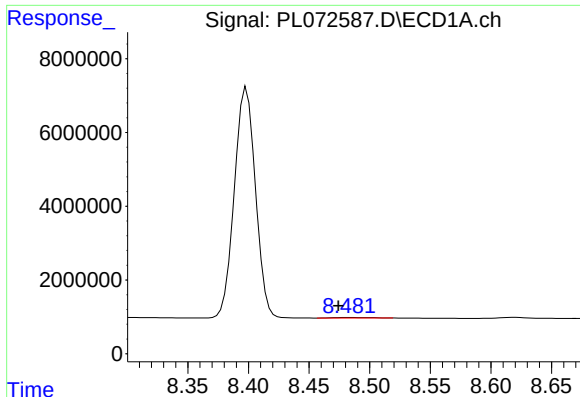
#17 4,4'-DDT

R.T.: 8.399 min
Delta R.T.: -0.003 min
Response: 75856455
Conc: 140.98 ng/ml



#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 190846475
Conc: 124.67 ng/ml



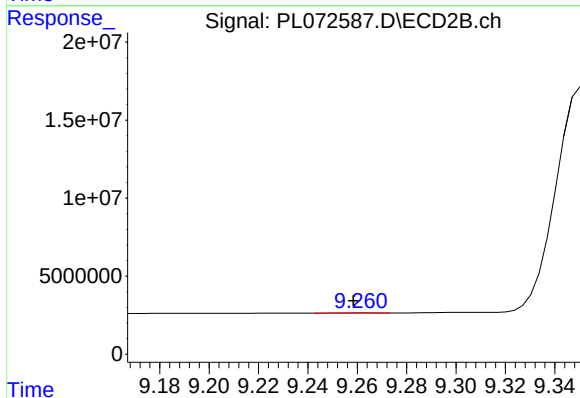
#18 Endrin aldehyde

R.T.: 8.481 min
Delta R.T.: 0.007 min
Response: 331025
Conc: 0.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

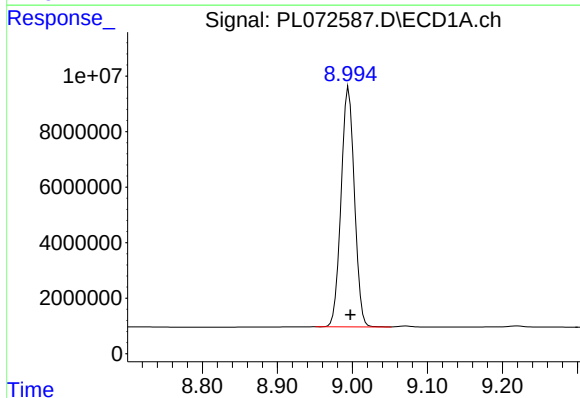
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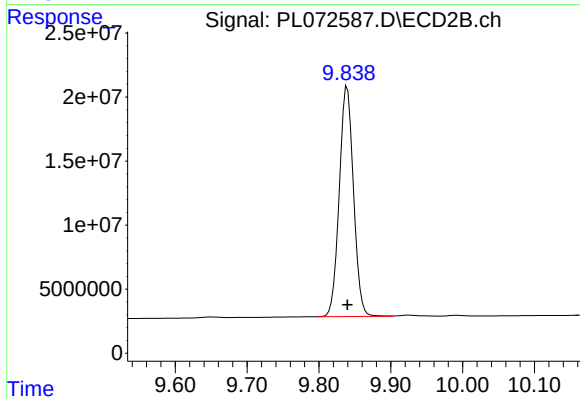
#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: 0.002 min
Response: 82338
Conc: 0.07 ng/ml m



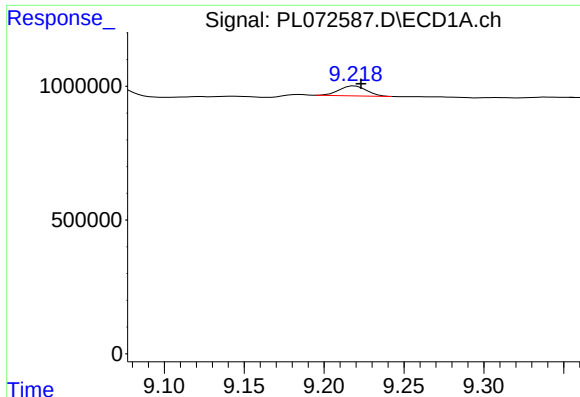
#20 Methoxychlor

R.T.: 8.995 min
Delta R.T.: -0.002 min
Response: 106847240
Conc: 303.87 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 247161549
Conc: 305.27 ng/ml



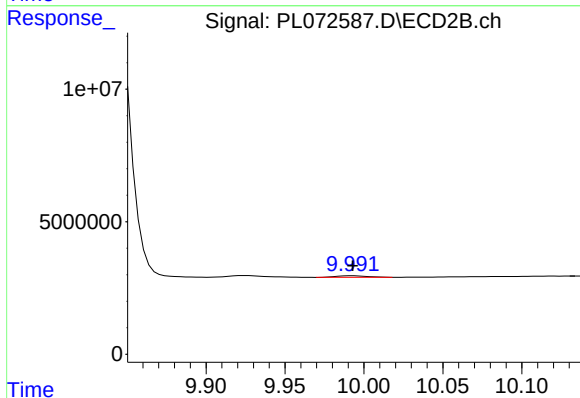
#21 Endrin ketone

R.T.: 9.218 min
Delta R.T.: -0.005 min
Response: 443730
Conc: 0.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

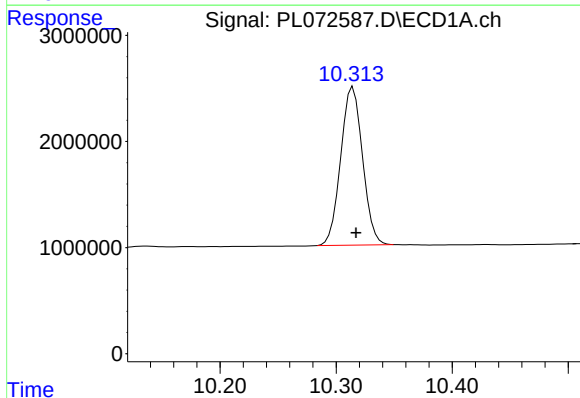
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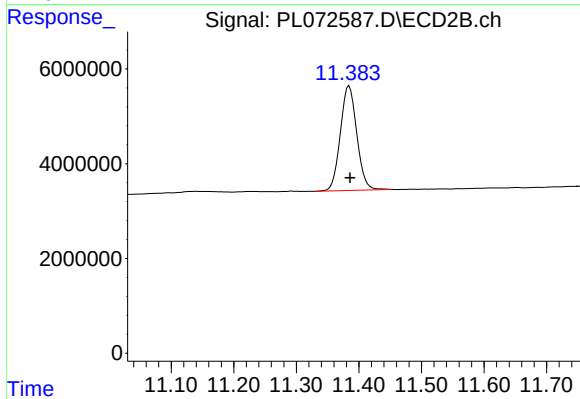
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.002 min
Response: 819528
Conc: 0.51 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.315 min
Delta R.T.: -0.002 min
Response: 19511415
Conc: 25.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.384 min
Delta R.T.: -0.001 min
Response: 40469713
Conc: 25.52 ng/ml