

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021622\
 Data File : PL072737.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2022 09:04
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/17/2022
 Supervised By :Ankita Jodhani 02/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 00:58:08 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...	4.554	5.489	11216695	38837786	23.295	22.484
28)	SA Decachlor...	10.310	11.377	19031447	41156999	25.139	25.954
Target Compounds							
2)	A alpha-BHC	5.259	6.070	6677356	24893298	10.127	10.395
3)	MA gamma-BHC...	5.682	6.466	6565695	24104897	10.447	10.469
6)	B beta-BHC	6.065	6.726	3731203	12711695	15.058m	12.469
12)	B 4,4'-DDE	7.549	8.490	204049	574910	0.336	0.308
14)	MA Endrin	7.967	8.882	34402298	94214759	58.726	59.795
16)	A 4,4'-DDD	8.136	9.030	700087	2129422	1.455	1.539
17)	MA 4,4'-DDT	8.396	9.346	71860257	191.5E6	133.549	125.086
18)	B Endrin al...	8.468	9.252	568909	1242440	1.305m	1.104m
20)	A Methoxychlor	8.992	9.834	100.2E6	240.9E6	284.992	297.568
21)	B Endrin ke...	9.216	9.987	1450814	2712979	2.111	1.703

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

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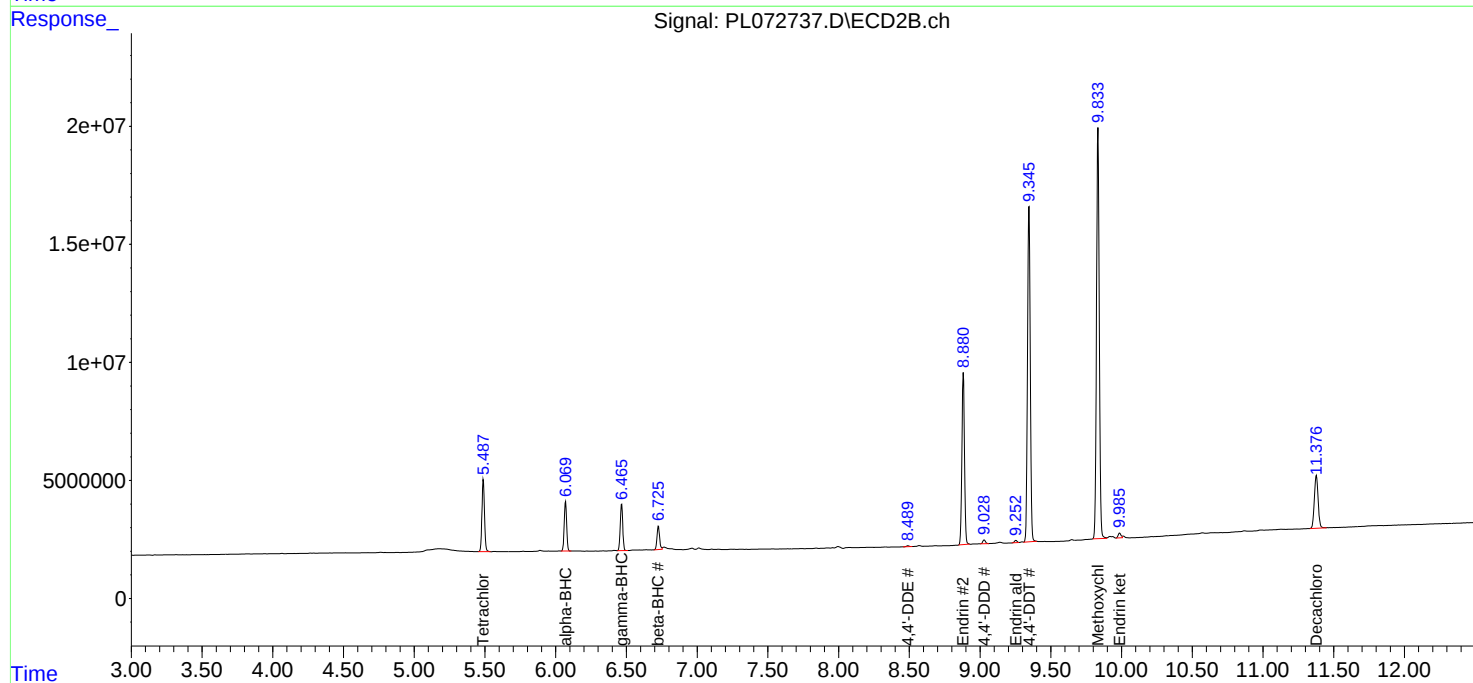
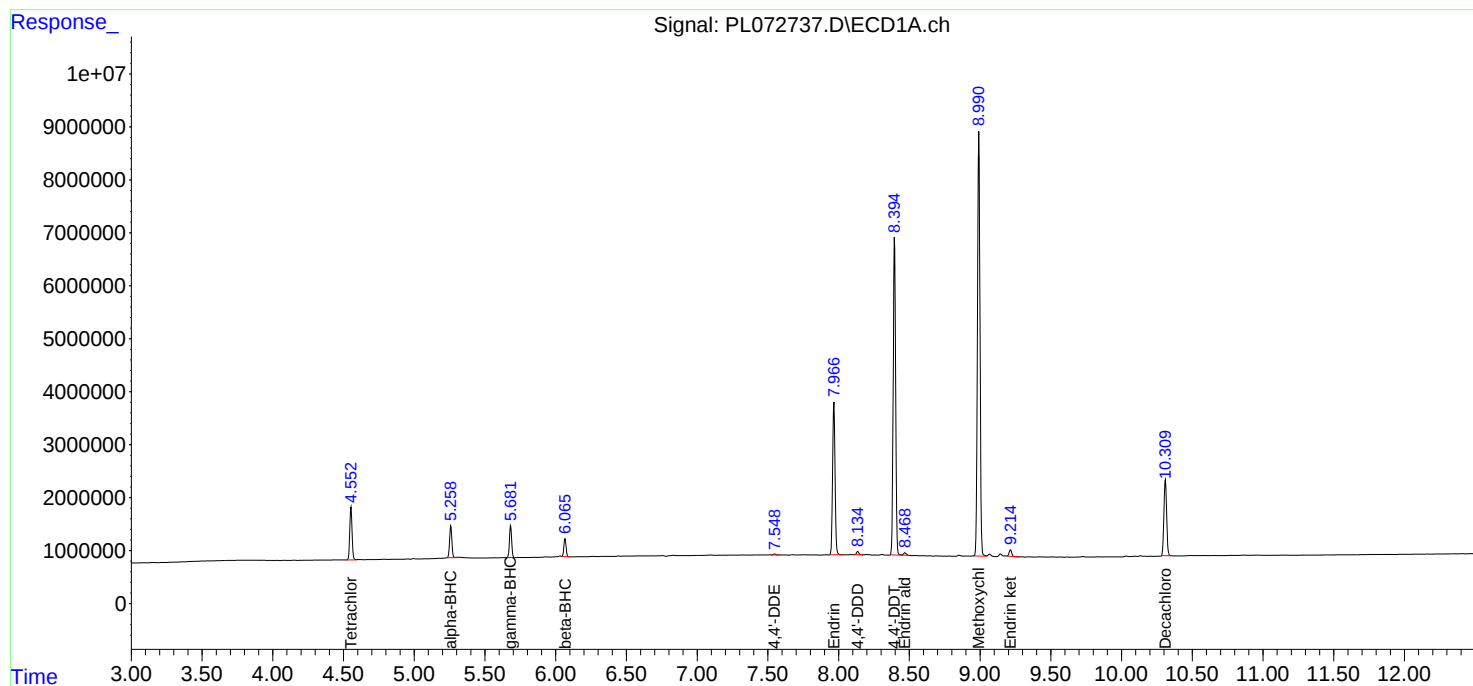
Instrument :
ECD_L
ClientSampleId :
PEM

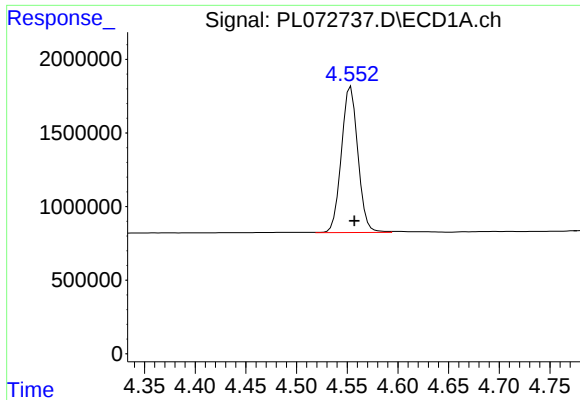
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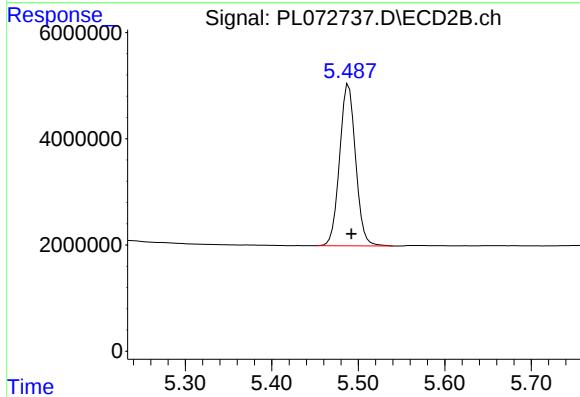
#1 Tetrachloro-m-xylene

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 11216695
Conc: 23.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

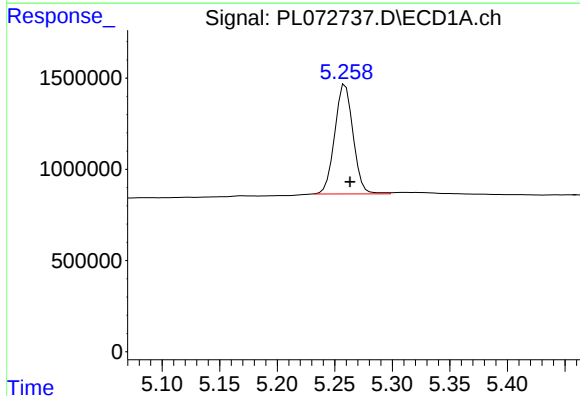
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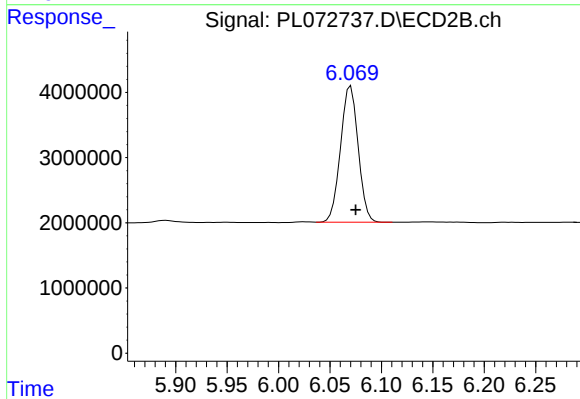
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 38837786
Conc: 22.48 ng/ml



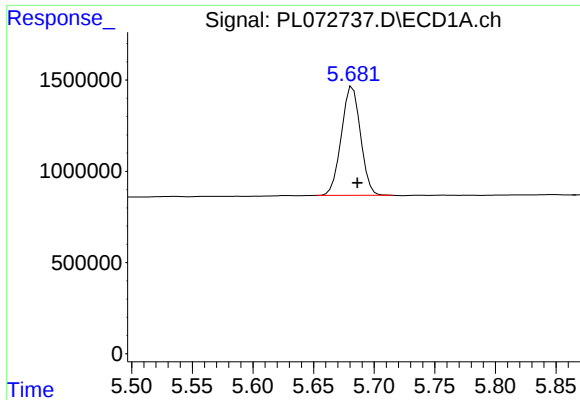
#2 alpha-BHC

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 6677356
Conc: 10.13 ng/ml



#2 alpha-BHC

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 24893298
Conc: 10.40 ng/ml



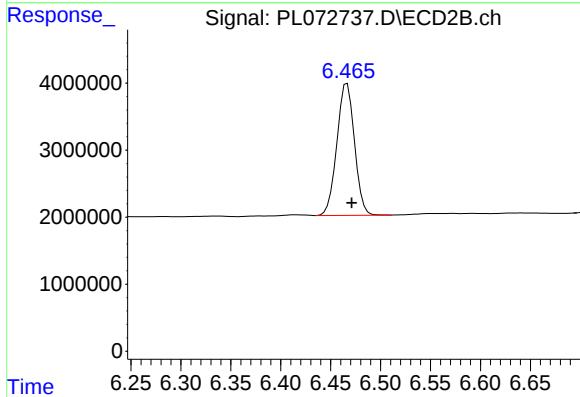
#3 gamma-BHC (Lindane)

R.T.: 5.682 min
Delta R.T.: -0.004 min
Response: 6565695
Conc: 10.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

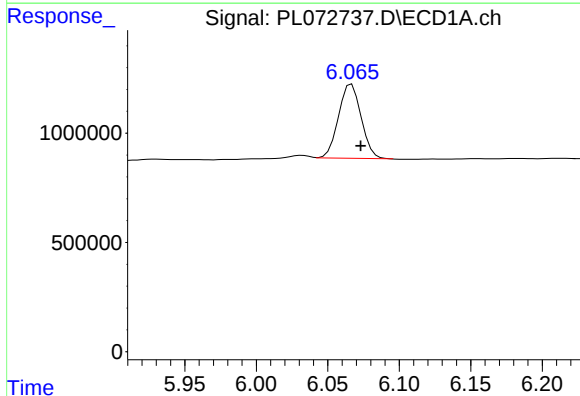
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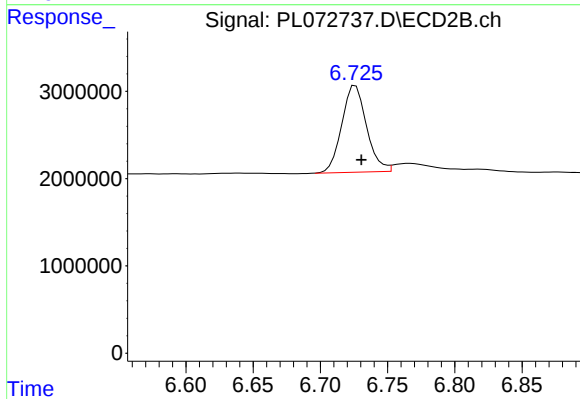
#3 gamma-BHC (Lindane)

R.T.: 6.466 min
Delta R.T.: -0.005 min
Response: 24104897
Conc: 10.47 ng/ml



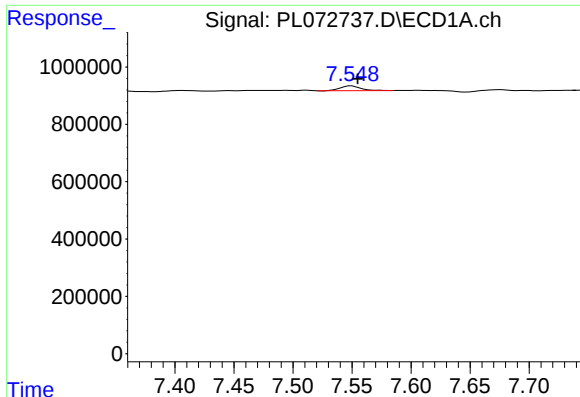
#6 beta-BHC

R.T.: 6.065 min
Delta R.T.: -0.008 min
Response: 3731203
Conc: 15.06 ng/ml m



#6 beta-BHC

R.T.: 6.726 min
Delta R.T.: -0.005 min
Response: 12711695
Conc: 12.47 ng/ml



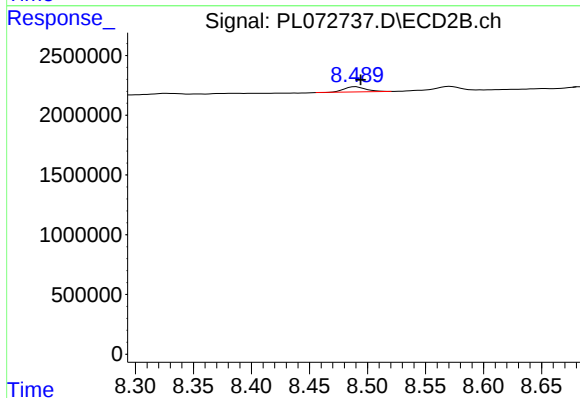
#12 4,4'-DDE

R.T.: 7.549 min
Delta R.T.: -0.005 min
Response: 204049
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

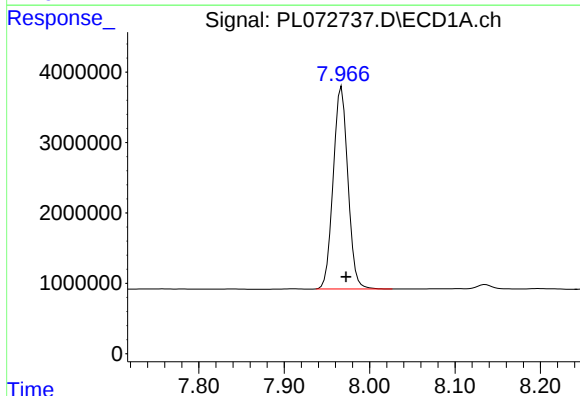
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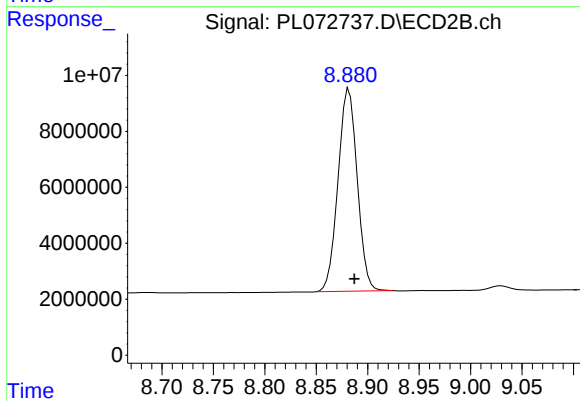
#12 4,4'-DDE

R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 574910
Conc: 0.31 ng/ml



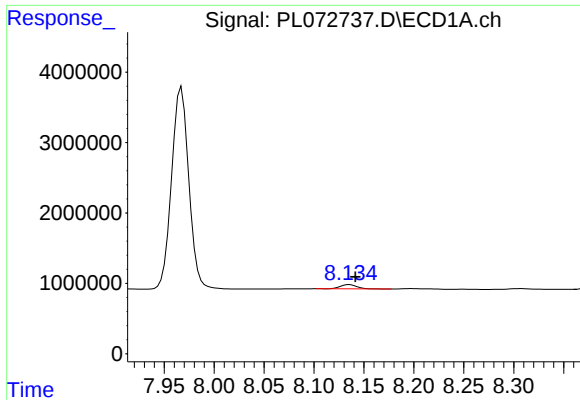
#14 Endrin

R.T.: 7.967 min
Delta R.T.: -0.005 min
Response: 34402298
Conc: 58.73 ng/ml



#14 Endrin

R.T.: 8.882 min
Delta R.T.: -0.005 min
Response: 94214759
Conc: 59.79 ng/ml



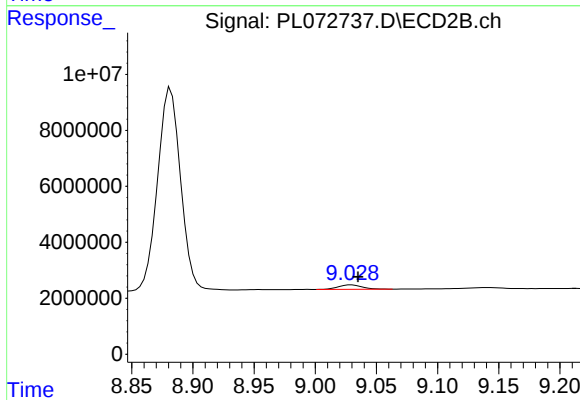
#16 4,4'-DDD

R.T.: 8.136 min
Delta R.T.: -0.006 min
Response: 700087
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

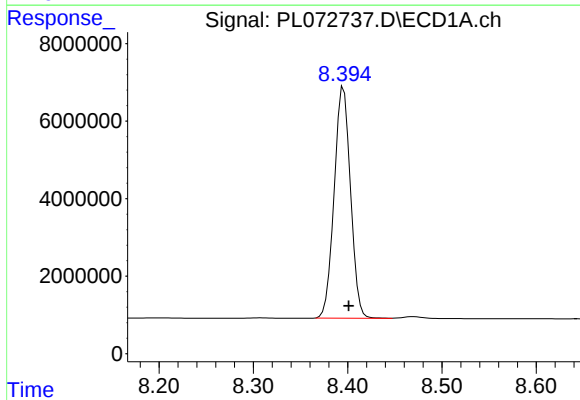
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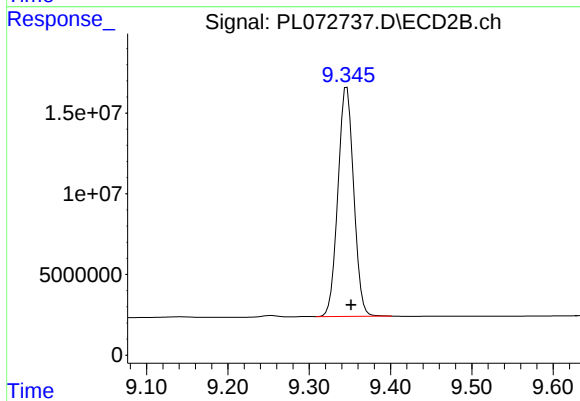
#16 4,4'-DDD

R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 2129422
Conc: 1.54 ng/ml



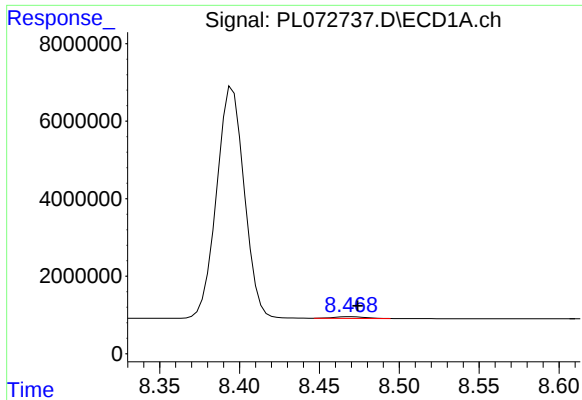
#17 4,4'-DDT

R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 71860257
Conc: 133.55 ng/ml



#17 4,4'-DDT

R.T.: 9.346 min
Delta R.T.: -0.005 min
Response: 191487326
Conc: 125.09 ng/ml



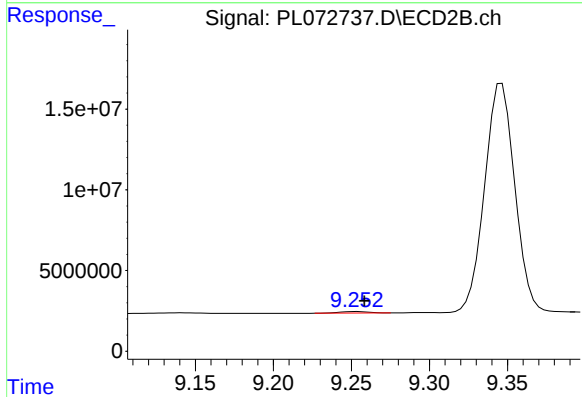
#18 Endrin aldehyde

R.T.: 8.468 min
Delta R.T.: -0.006 min
Response: 568909
Conc: 1.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

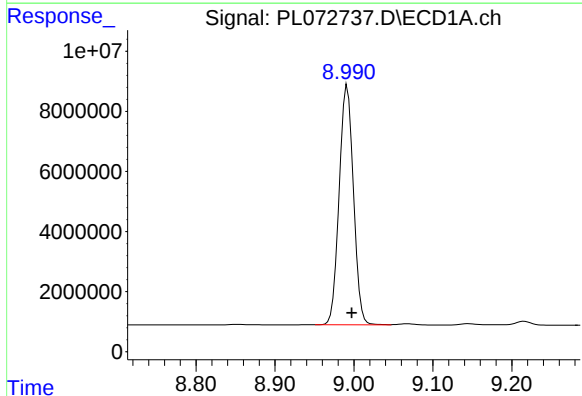
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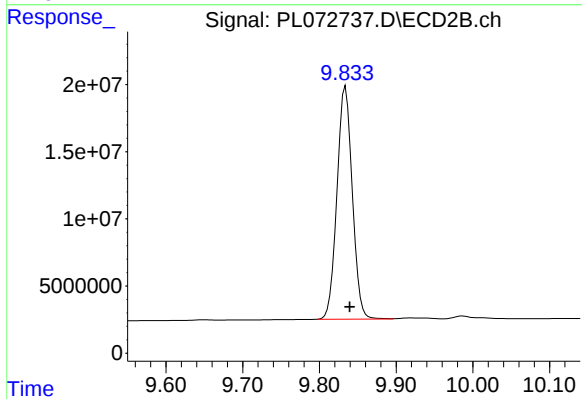
#18 Endrin aldehyde

R.T.: 9.252 min
Delta R.T.: -0.007 min
Response: 1242440
Conc: 1.10 ng/ml m



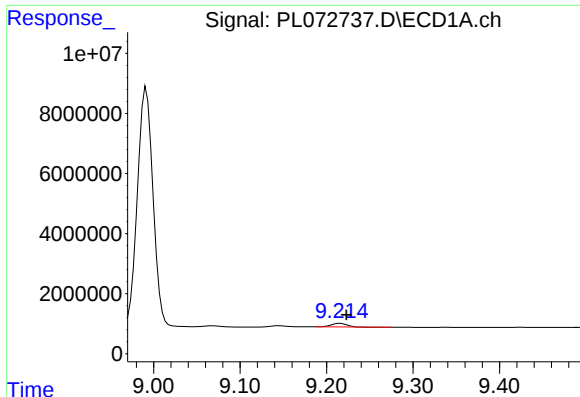
#20 Methoxychlor

R.T.: 8.992 min
Delta R.T.: -0.006 min
Response: 100209827
Conc: 284.99 ng/ml



#20 Methoxychlor

R.T.: 9.834 min
Delta R.T.: -0.005 min
Response: 240927205
Conc: 297.57 ng/ml



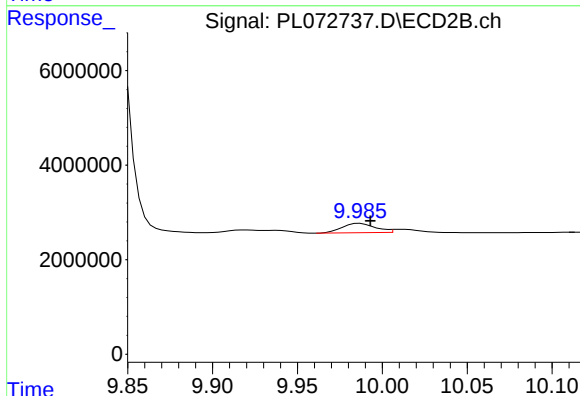
#21 Endrin ketone

R.T.: 9.216 min
Delta R.T.: -0.007 min
Response: 1450814
Conc: 2.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

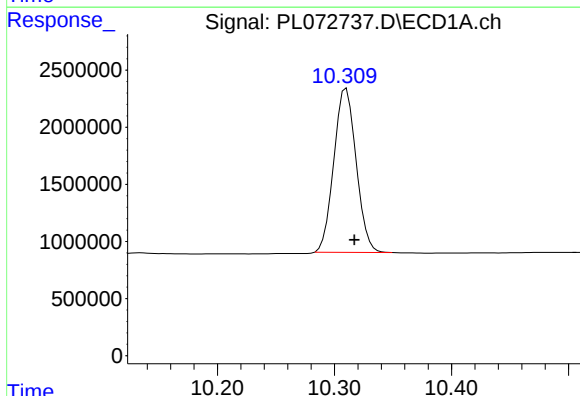
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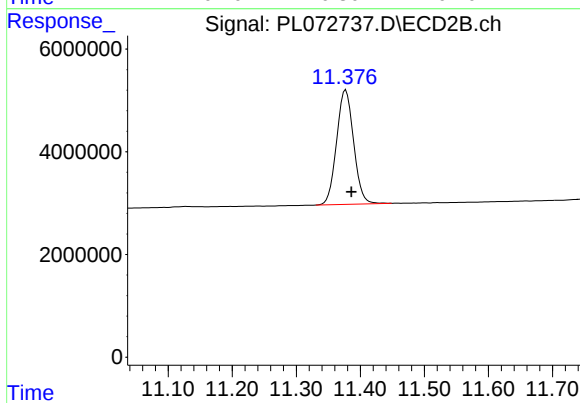
#21 Endrin ketone

R.T.: 9.987 min
Delta R.T.: -0.006 min
Response: 2712979
Conc: 1.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.310 min
Delta R.T.: -0.007 min
Response: 19031447
Conc: 25.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.009 min
Response: 41156999
Conc: 25.95 ng/ml