

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040922\
 Data File : PL073908.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2022 09:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/12/2022
 Supervised By :mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 00:20:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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...	4.639	5.490	7124294	39487017	22.049	22.147
28)	SA Decachlor...	10.414	11.335	11474199	38695513	22.064	21.908
Target Compounds							
2)	A alpha-BHC	5.347	6.053	4390428	24713756	10.462	9.814
3)	MA gamma-BHC...	5.771	6.442	4424377	23854728	10.549	10.078
6)	B beta-BHC	6.151	6.679	2353265	13325438	11.517	11.824
12)	B 4,4'-DDE	7.645	8.462	109422	434992	0.300	0.218m#
14)	MA Endrin	8.065	8.847	21173989	95171265	52.123	56.193
16)	A 4,4'-DDD	8.232	8.988	415829	1598898	1.288	1.039m
17)	MA 4,4'-DDT	8.493	9.309	39405277	187.4E6	106.605	105.712
18)	B Endrin al...	8.567	9.202	191529	371377	0.592m	0.288m#
20)	A Methoxychlor	9.089	9.789	57938899	241.9E6	233.372	251.484
21)	B Endrin ke...	9.313	9.930	589252	1602832	1.206m	0.926

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

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Acq On : 09 Apr 2022 09:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

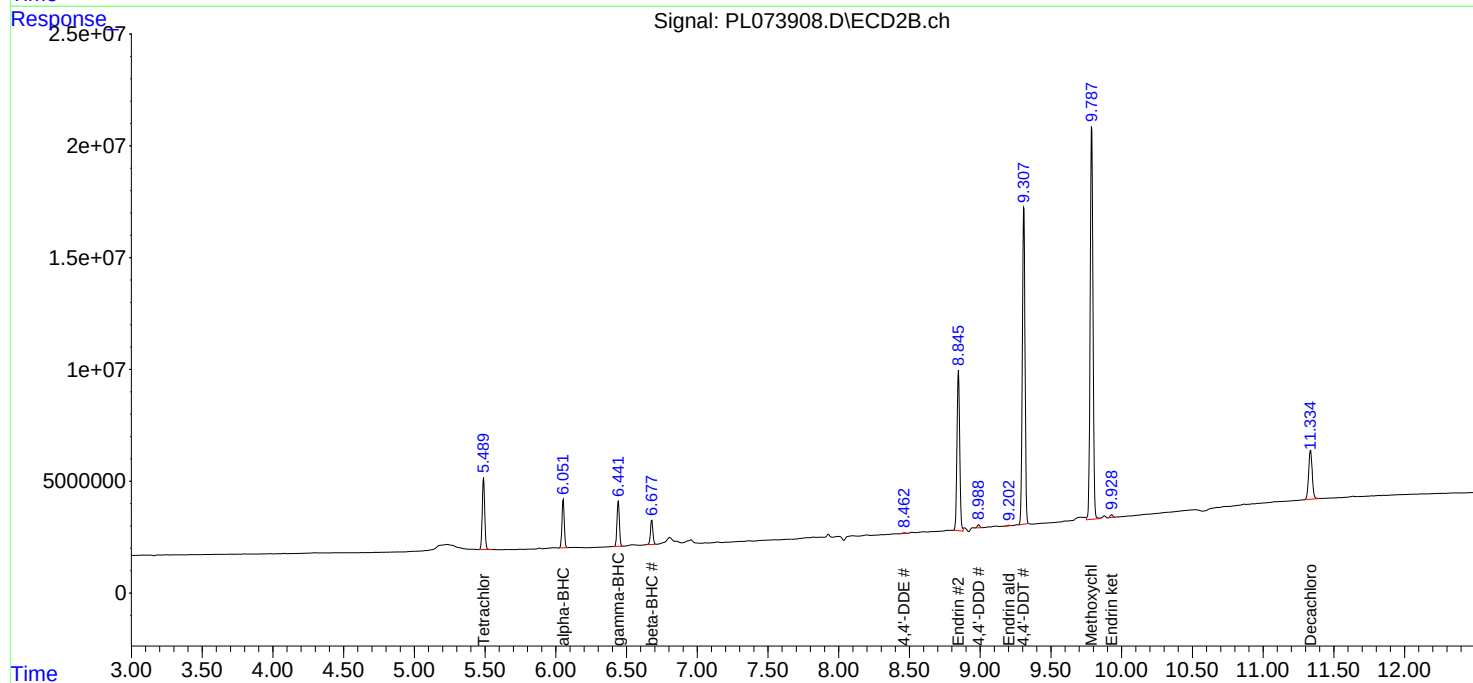
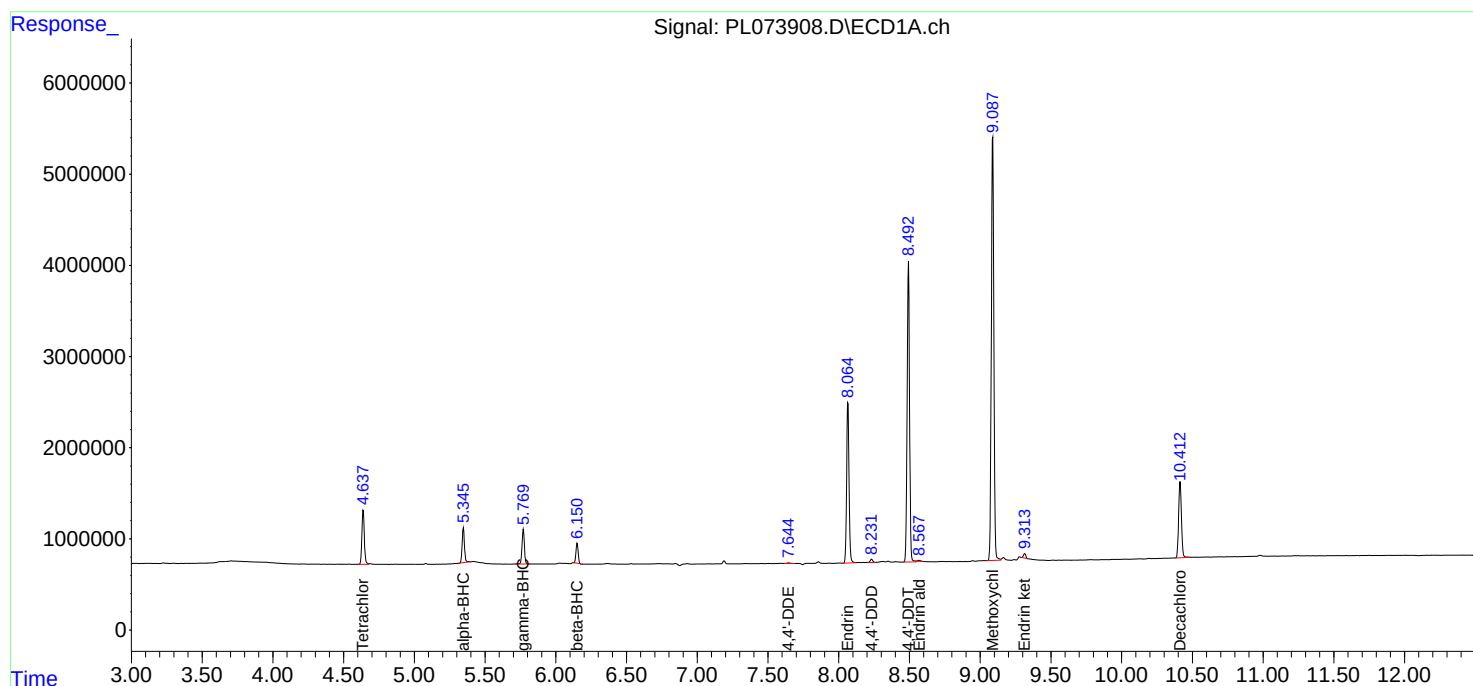
Instrument :
ECD_L
ClientSampleId :
PEM

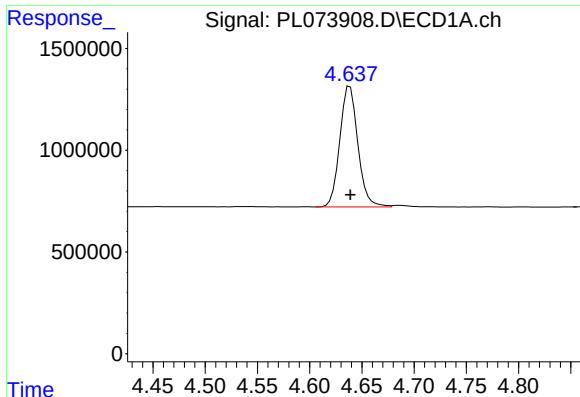
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Integration File signal 1: autoint1.e
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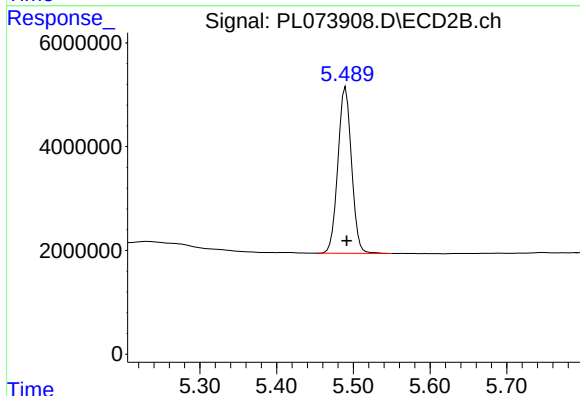
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 7124294
Conc: 22.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

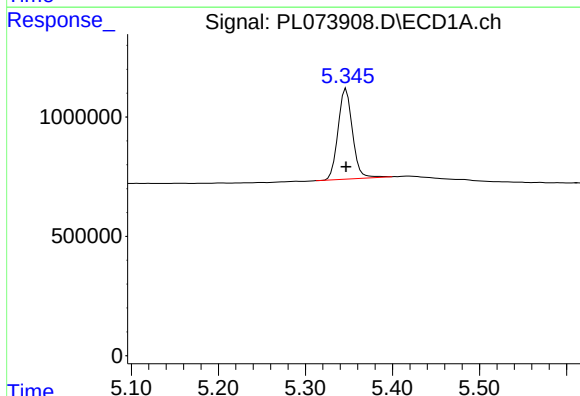
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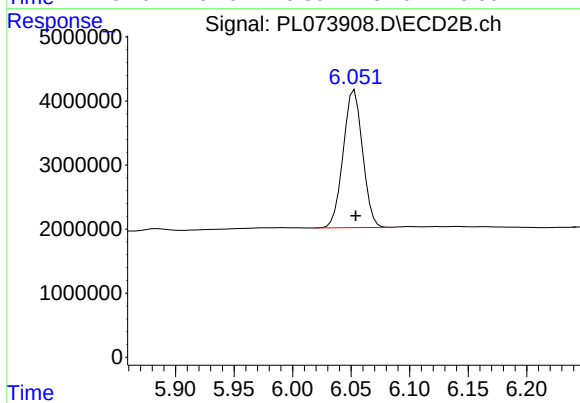
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 39487017
Conc: 22.15 ng/ml



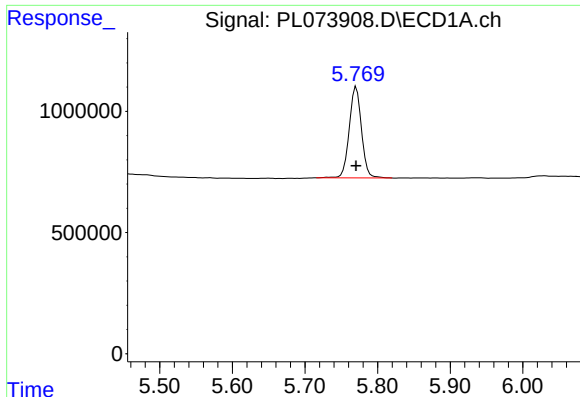
#2 alpha-BHC

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 4390428
Conc: 10.46 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 24713756
Conc: 9.81 ng/ml



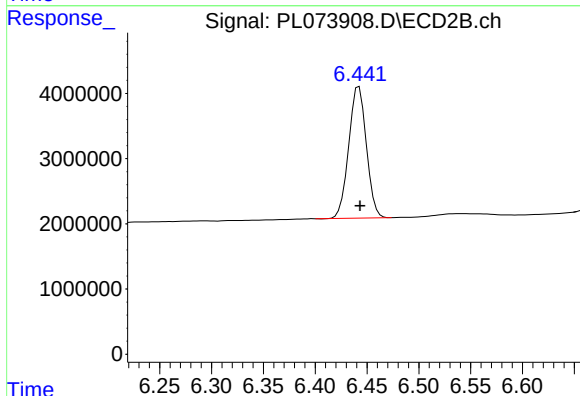
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 4424377
Conc: 10.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

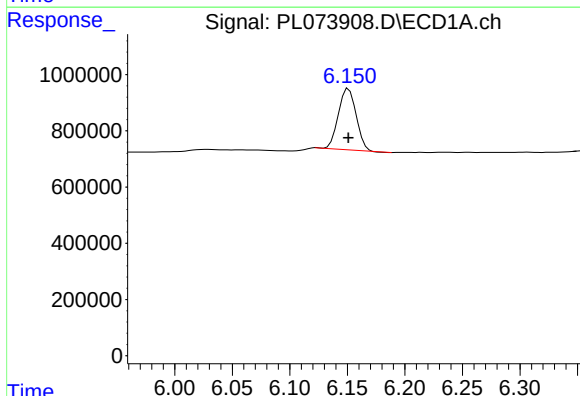
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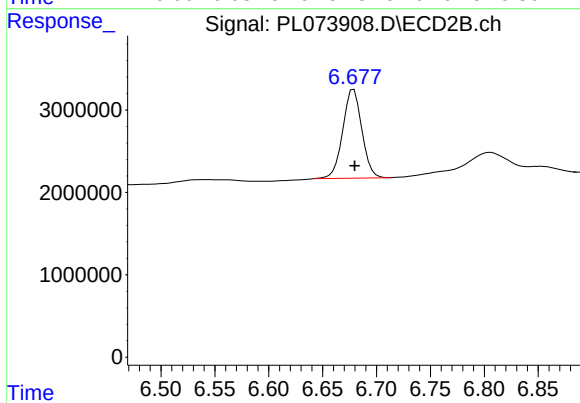
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 23854728
Conc: 10.08 ng/ml



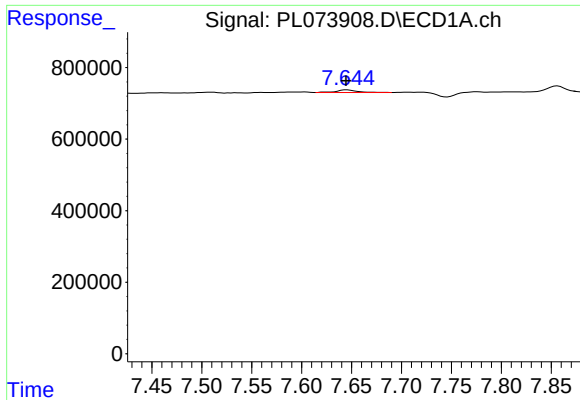
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 2353265
Conc: 11.52 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 13325438
Conc: 11.82 ng/ml



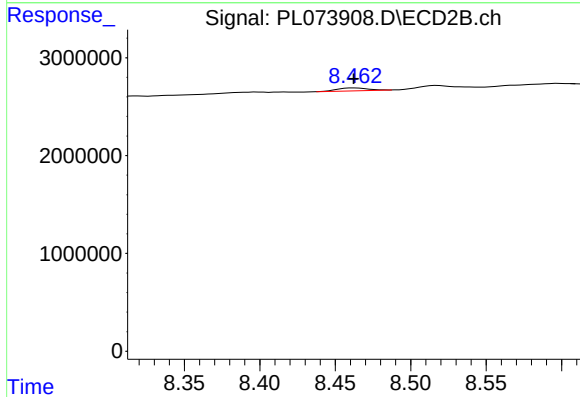
#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 109422
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

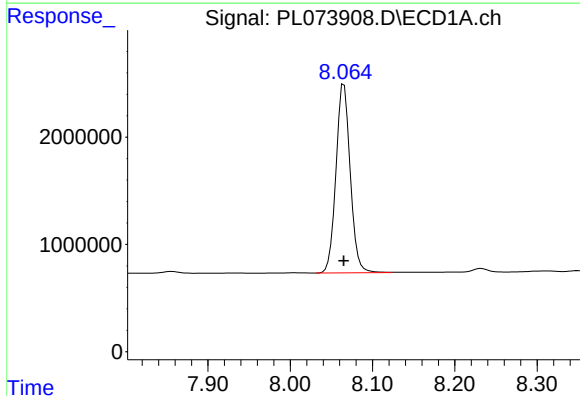
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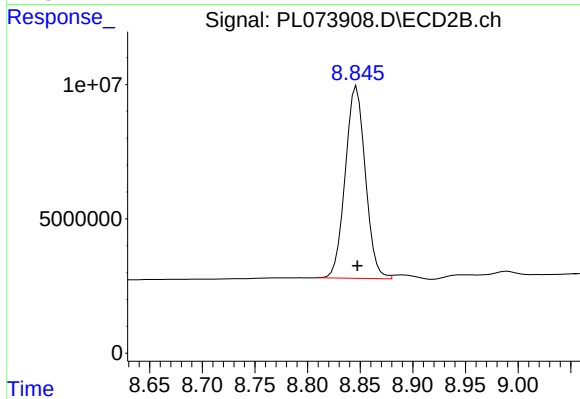
#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 434992
Conc: 0.22 ng/ml m



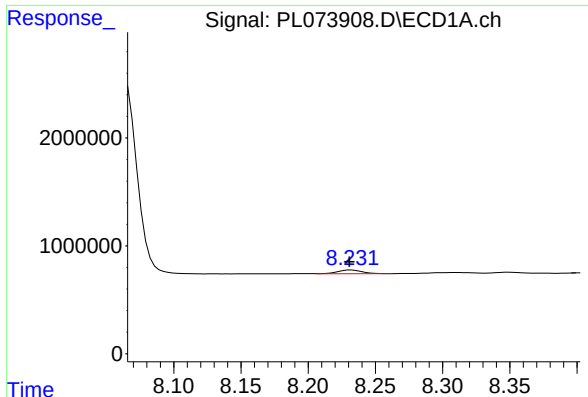
#14 Endrin

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 21173989
Conc: 52.12 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.000 min
Response: 95171265
Conc: 56.19 ng/ml



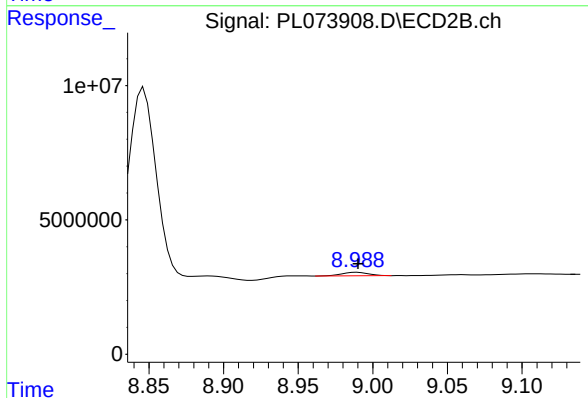
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: 0.002 min
Response: 415829
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

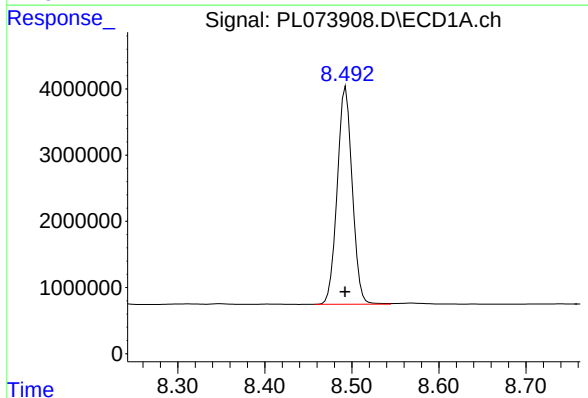
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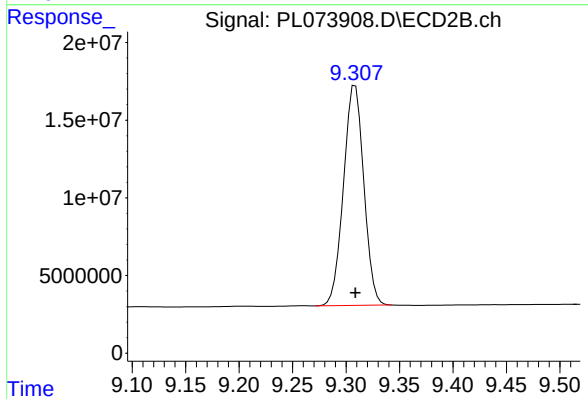
#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 1598898
Conc: 1.04 ng/ml m



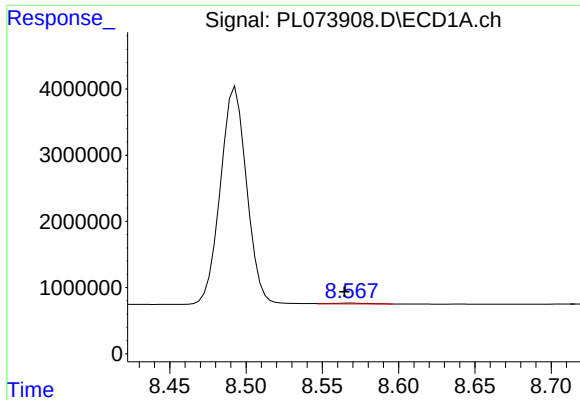
#17 4,4'-DDT

R.T.: 8.493 min
Delta R.T.: 0.001 min
Response: 39405277
Conc: 106.60 ng/ml



#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.000 min
Response: 187391360
Conc: 105.71 ng/ml



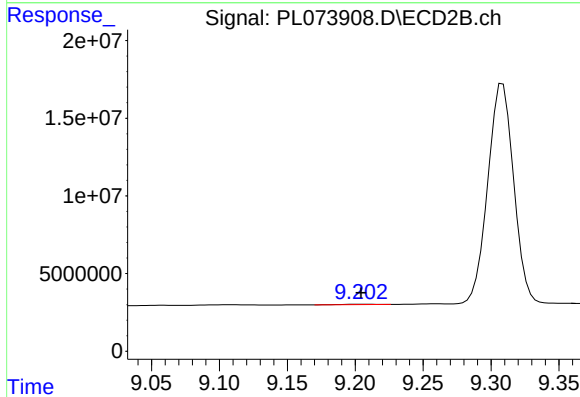
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: 0.003 min
Response: 191529
Conc: 0.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

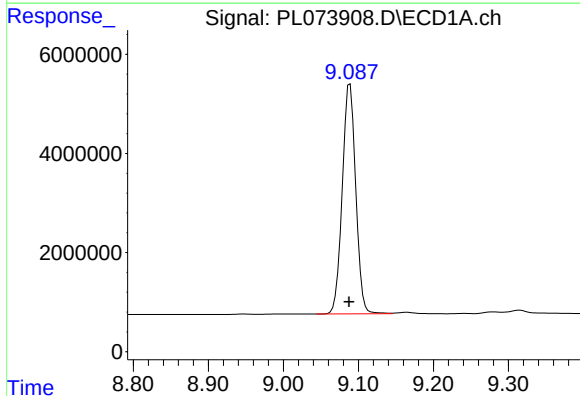
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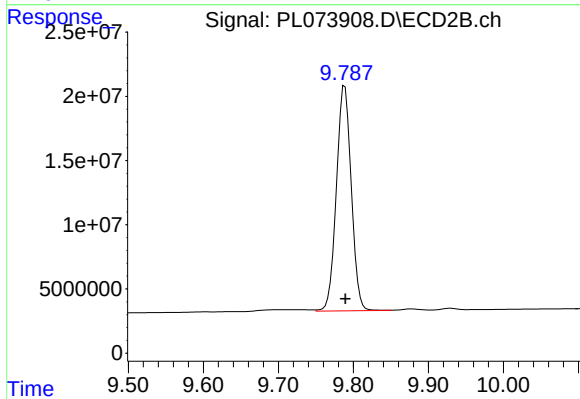
#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 371377
Conc: 0.29 ng/ml m



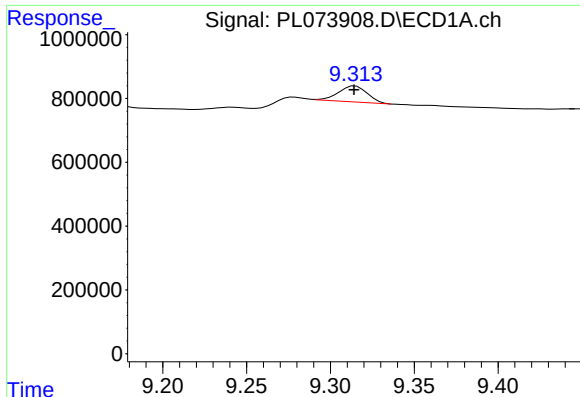
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: 0.001 min
Response: 57938899
Conc: 233.37 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.000 min
Response: 241889136
Conc: 251.48 ng/ml



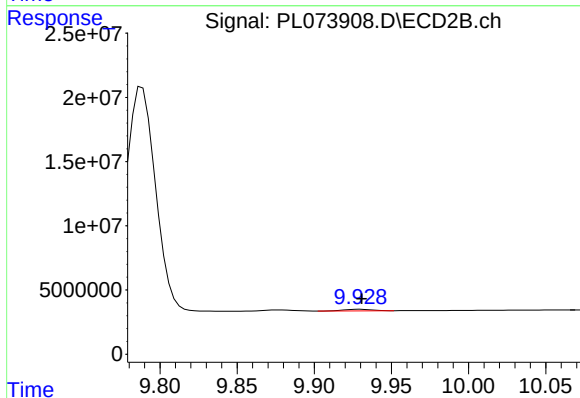
#21 Endrin ketone

R.T.: 9.313 min
Delta R.T.: 0.000 min
Response: 589252
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

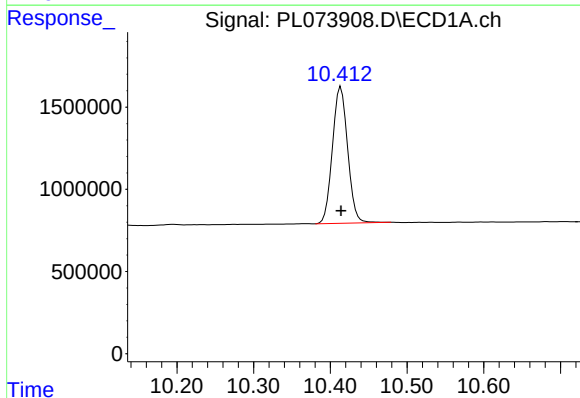
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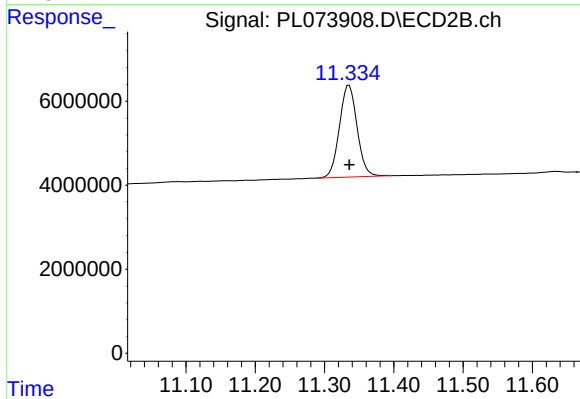
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 1602832
Conc: 0.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: 0.000 min
Response: 11474199
Conc: 22.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.335 min
Delta R.T.: 0.000 min
Response: 38695513
Conc: 21.91 ng/ml