

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052722\
 Data File : PL075161.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2022 05:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/31/2022
 Supervised By : Ankita Jodhani 05/31/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 28 08:59:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.644	4.645	12927919	35223909	25.462	25.664
28)	SA Decachlor...	11.643	10.393	11149709	27018142	24.967	26.323m
Target Compounds							
2)	A alpha-BHC	6.228	5.346	8046802	21939134	11.762	13.037m
3)	MA gamma-BHC...	6.626	5.767	7715335	21462004	11.953	12.988m
6)	B beta-BHC	6.877	6.146	3936225	11348967	13.189	14.294
12)	B 4,4'-DDE	8.660	7.633	135446	443567	0.293	0.377 #
14)	MA Endrin	9.063	8.053	25072041	70163277	60.757	66.423
16)	A 4,4'-DDD	9.202	8.217	5459409	14822892	12.075	15.047
17)	MA 4,4'-DDT	9.522	8.477	43823474	115.5E6	95.345	115.481m
18)	B Endrin al...	9.430	8.552	502075	1547438	1.419m	1.937 #
20)	A Methoxychlor	10.008	9.071	61090217	151.9E6	249.437	260.004
21)	B Endrin ke...	10.172	9.299	2565095	6272113	5.002	5.626

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

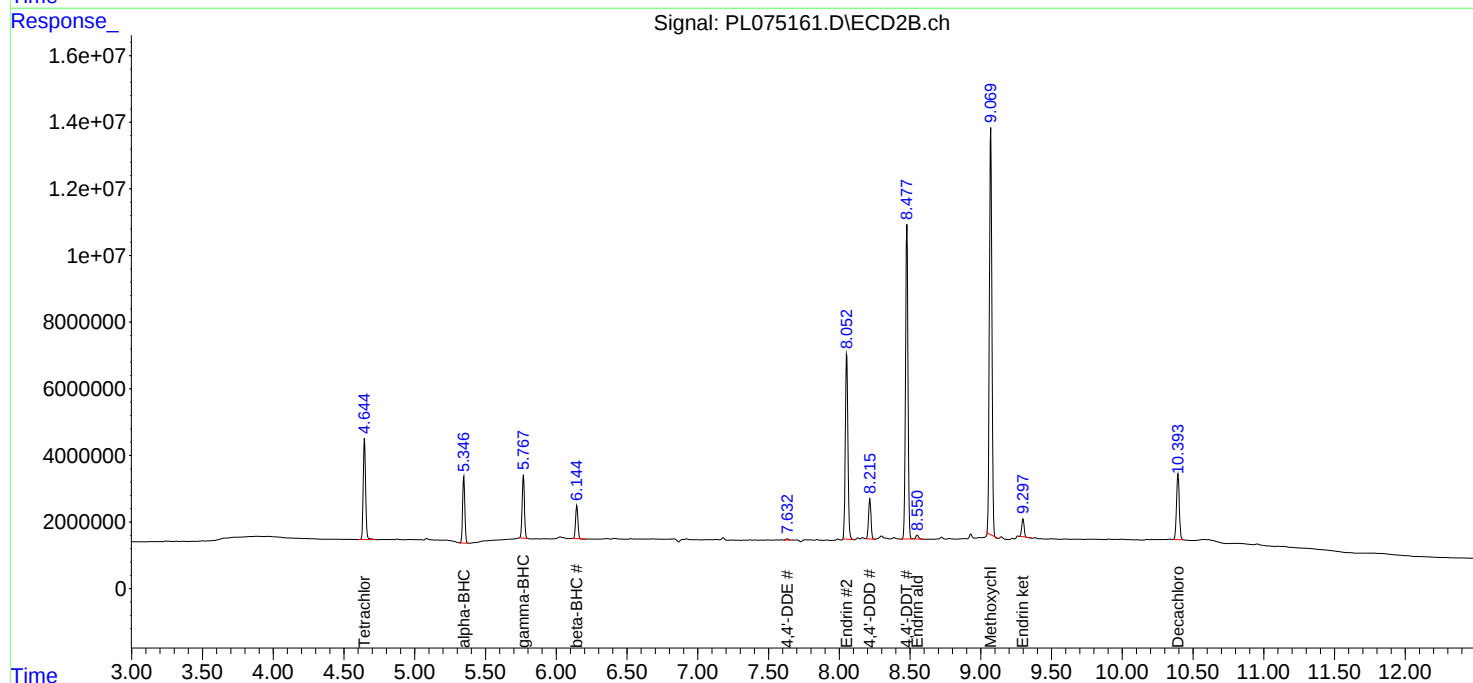
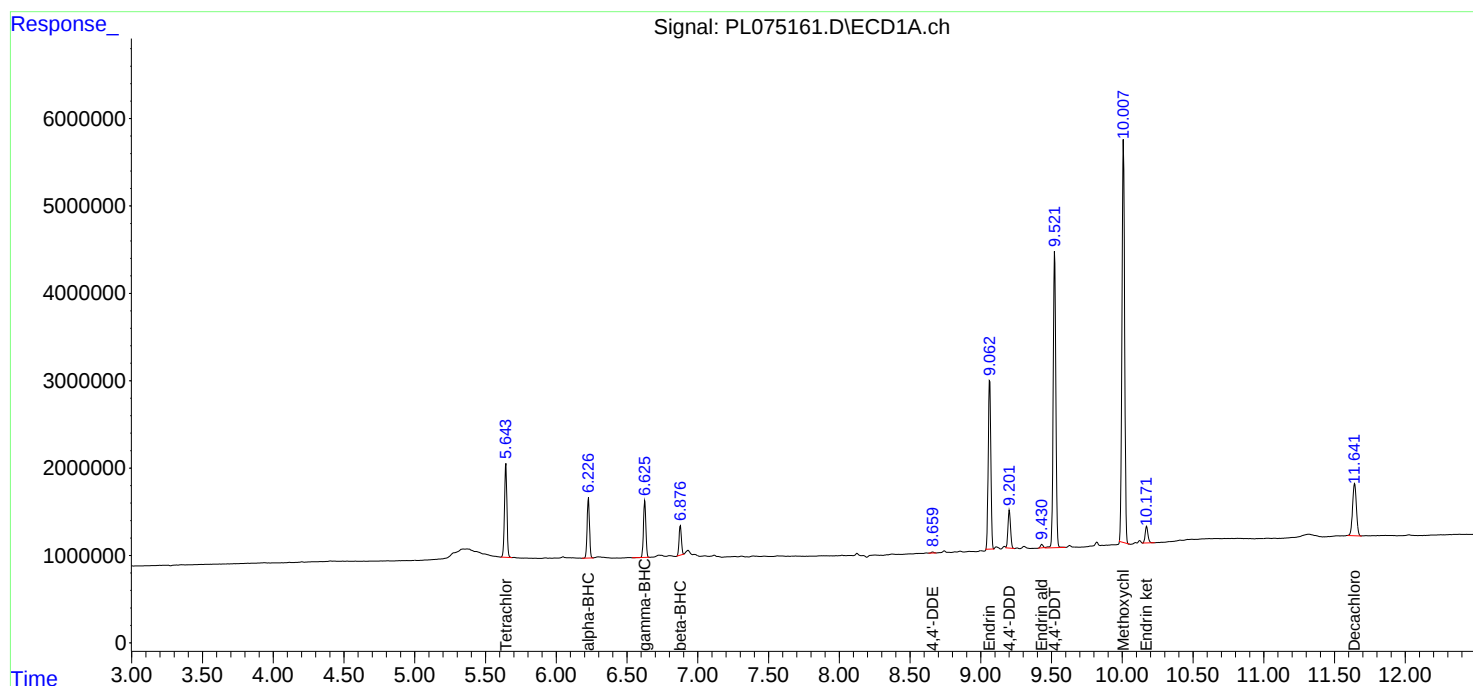
Instrument :
ECD_L
ClientSampleId :
PEM

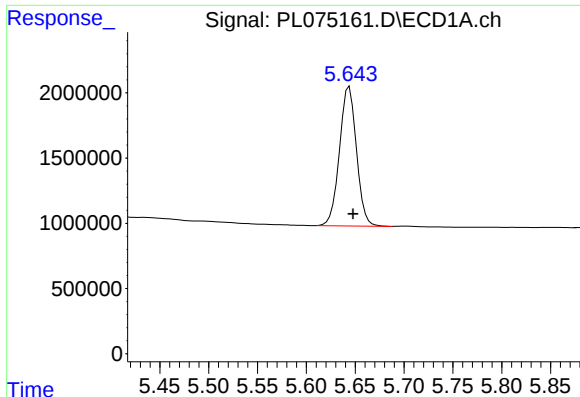
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Integration File signal 1: autoint1.e
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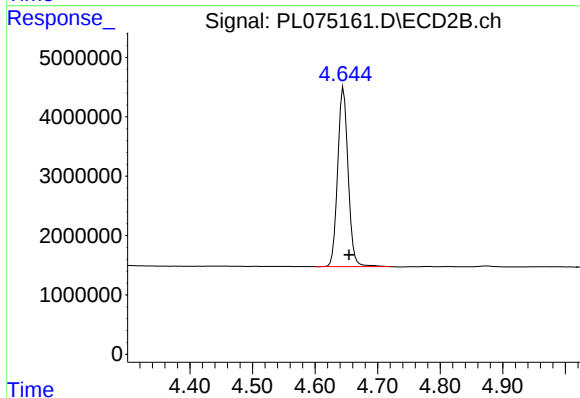
#1 Tetrachloro-m-xylene

R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 12927919
Conc: 25.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

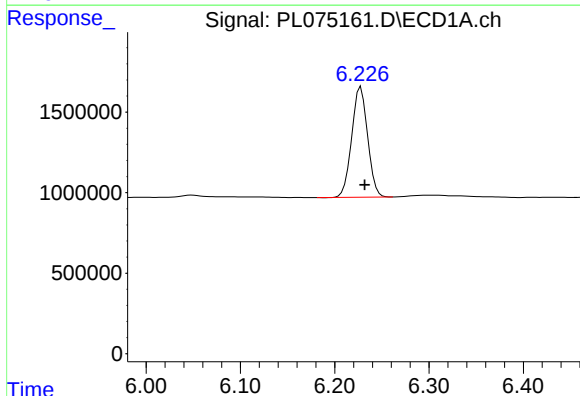
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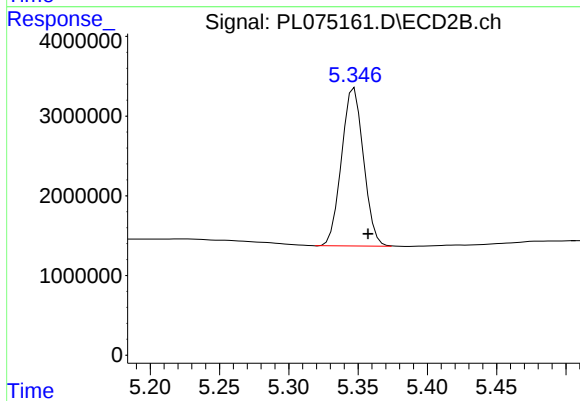
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: -0.009 min
Response: 35223909
Conc: 25.66 ng/ml



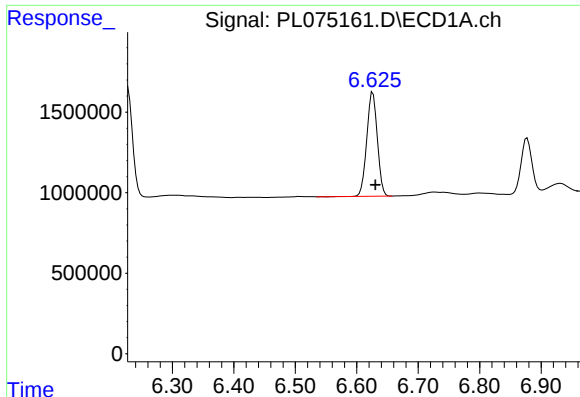
#2 alpha-BHC

R.T.: 6.228 min
Delta R.T.: -0.004 min
Response: 8046802
Conc: 11.76 ng/ml



#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.011 min
Response: 21939134
Conc: 13.04 ng/ml m



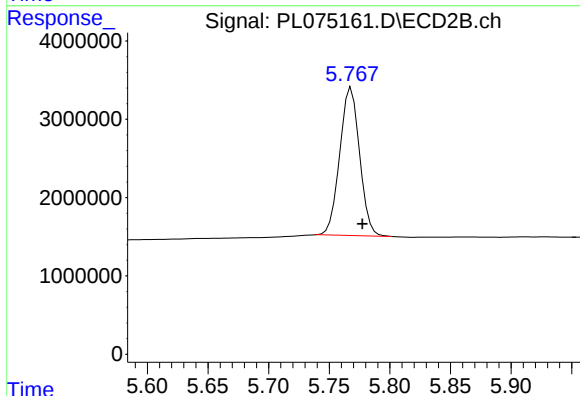
#3 gamma-BHC (Lindane)

R.T.: 6.626 min
Delta R.T.: -0.004 min
Response: 7715335
Conc: 11.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

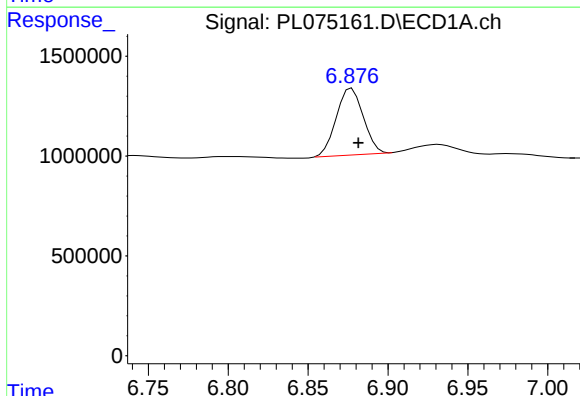
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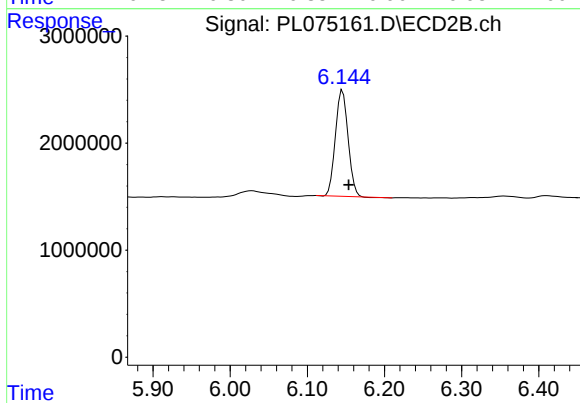
#3 gamma-BHC (Lindane)

R.T.: 5.767 min
Delta R.T.: -0.011 min
Response: 21462004
Conc: 12.99 ng/ml m



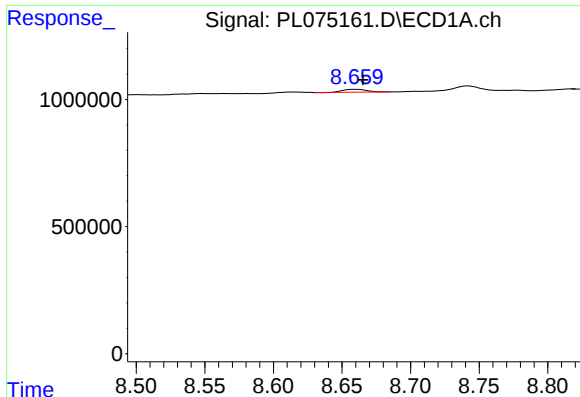
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: -0.004 min
Response: 3936225
Conc: 13.19 ng/ml



#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.008 min
Response: 11348967
Conc: 14.29 ng/ml



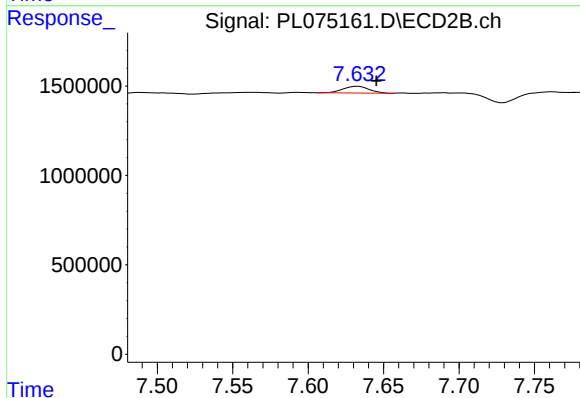
#12 4,4'-DDE

R.T.: 8.660 min
Delta R.T.: -0.005 min
Response: 135446
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

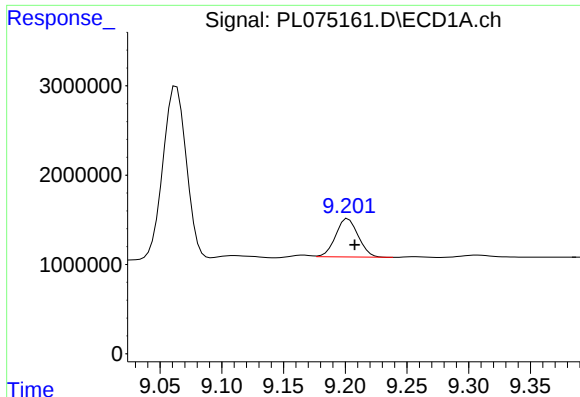
R.T.: 7.633 min
Delta R.T.: -0.012 min
Response: 443567
Conc: 0.38 ng/ml

#14 Endrin

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 25072041
Conc: 60.76 ng/ml

#14 Endrin

R.T.: 8.053 min
Delta R.T.: -0.012 min
Response: 70163277
Conc: 66.42 ng/ml



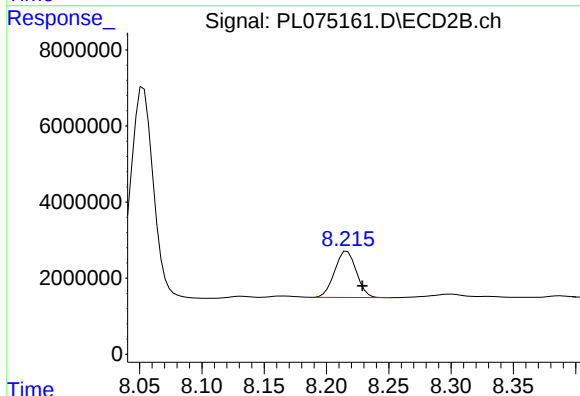
#16 4,4'-DDD

R.T.: 9.202 min
Delta R.T.: -0.006 min
Response: 5459409
Conc: 12.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

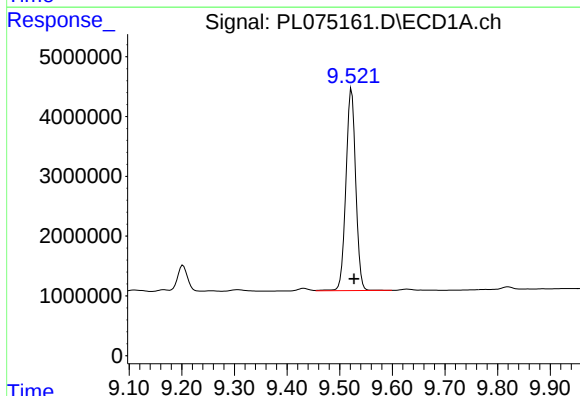
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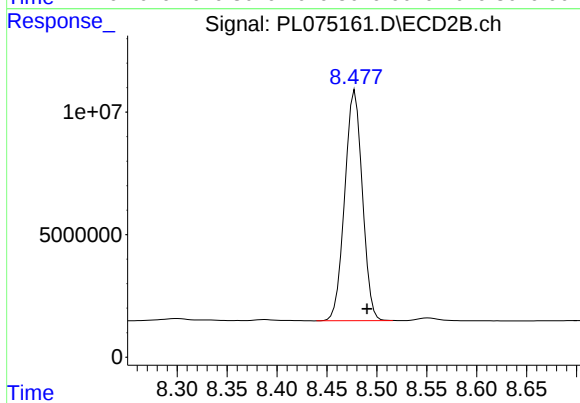
#16 4,4'-DDD

R.T.: 8.217 min
Delta R.T.: -0.012 min
Response: 14822892
Conc: 15.05 ng/ml



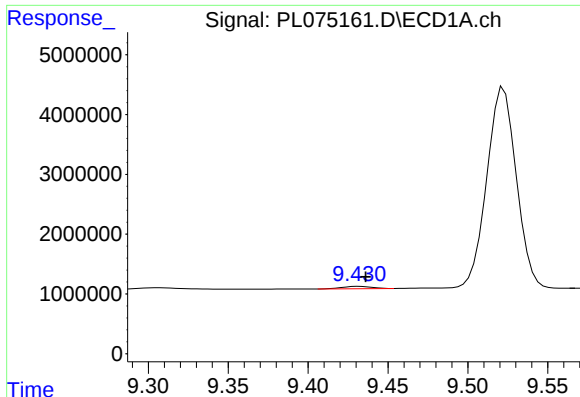
#17 4,4'-DDT

R.T.: 9.522 min
Delta R.T.: -0.005 min
Response: 43823474
Conc: 95.34 ng/ml



#17 4,4'-DDT

R.T.: 8.477 min
Delta R.T.: -0.013 min
Response: 115540840
Conc: 115.48 ng/ml m



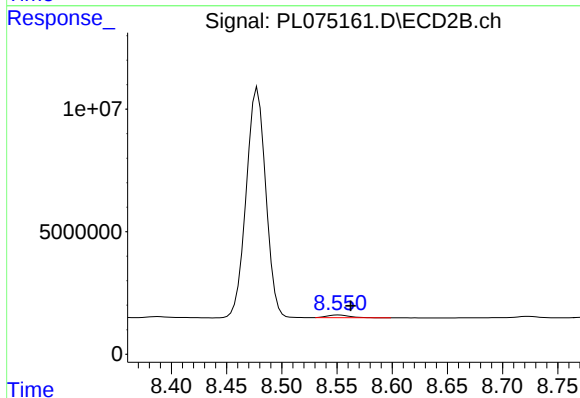
#18 Endrin aldehyde

R.T.: 9.430 min
Delta R.T.: -0.006 min
Response: 502075
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

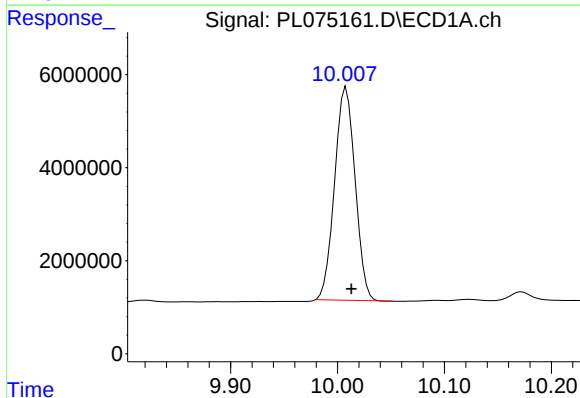
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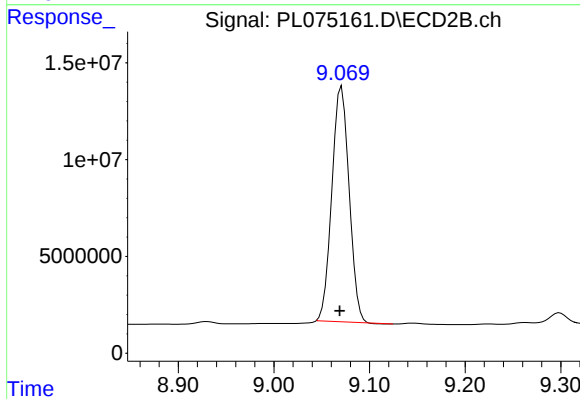
#18 Endrin aldehyde

R.T.: 8.552 min
Delta R.T.: -0.011 min
Response: 1547438
Conc: 1.94 ng/ml



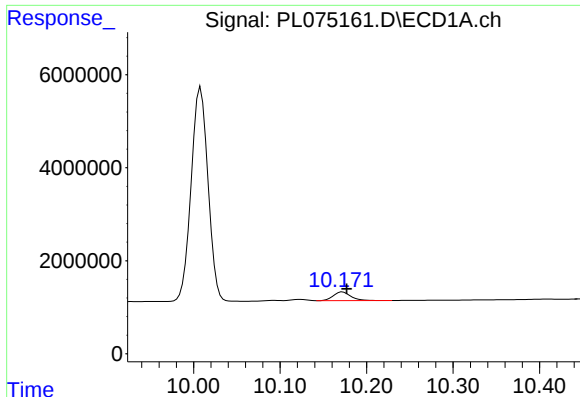
#20 Methoxychlor

R.T.: 10.008 min
Delta R.T.: -0.005 min
Response: 61090217
Conc: 249.44 ng/ml



#20 Methoxychlor

R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 151944361
Conc: 260.00 ng/ml



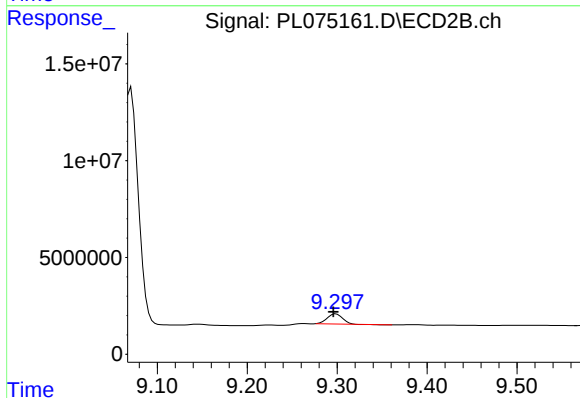
#21 Endrin ketone

R.T.: 10.172 min
Delta R.T.: -0.005 min
Response: 2565095
Conc: 5.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

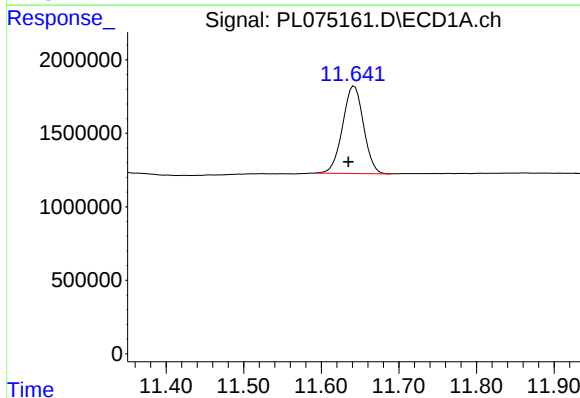
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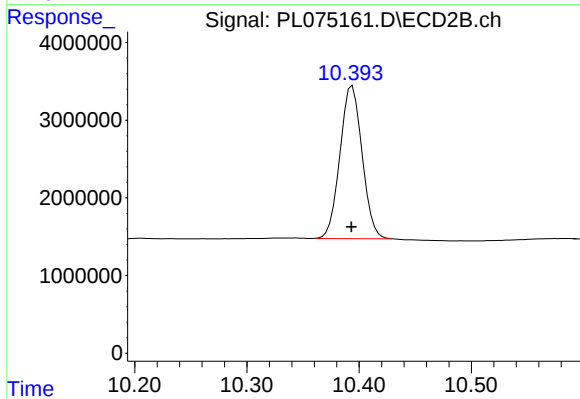
#21 Endrin ketone

R.T.: 9.299 min
Delta R.T.: 0.003 min
Response: 6272113
Conc: 5.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.643 min
Delta R.T.: 0.008 min
Response: 11149709
Conc: 24.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.393 min
Delta R.T.: 0.000 min
Response: 27018142
Conc: 26.32 ng/ml m