

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051822\
 Data File : PL074777.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2022 12:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/19/2022
 Supervised By :mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 03:10:41 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...	5.645	4.650	11711832	31636604	23.067	23.050
28)	SA Decachlor...	11.644	10.402	11132727	29323255	24.929	28.569
Target Compounds							
2)	A alpha-BHC	6.229	5.353	7282668	18987748	10.645	11.283
3)	MA gamma-BHC...	6.627	5.773	7135679	19530661	11.055	11.820
6)	B beta-BHC	6.879	6.149	3573512	10874894	11.973	13.697m
12)	B 4,4'-DDE	8.662	7.639	91508	365251	0.198m	0.310 #
14)	MA Endrin	9.065	8.060	25979252	68961860	62.955	65.286
16)	A 4,4'-DDD	9.205	8.224	225958	809735	0.500m	0.822 #
17)	MA 4,4'-DDT	9.523	8.485	52836127	140.3E6	114.953m	140.208
18)	B Endrin al...	9.432	8.560	356707	837448	1.008m	1.049m
20)	A Methoxychlor	10.009	9.079	72208443	184.3E6	294.833	315.436
21)	B Endrin ke...	10.174	9.306	822396	1674783	1.604	1.502

(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

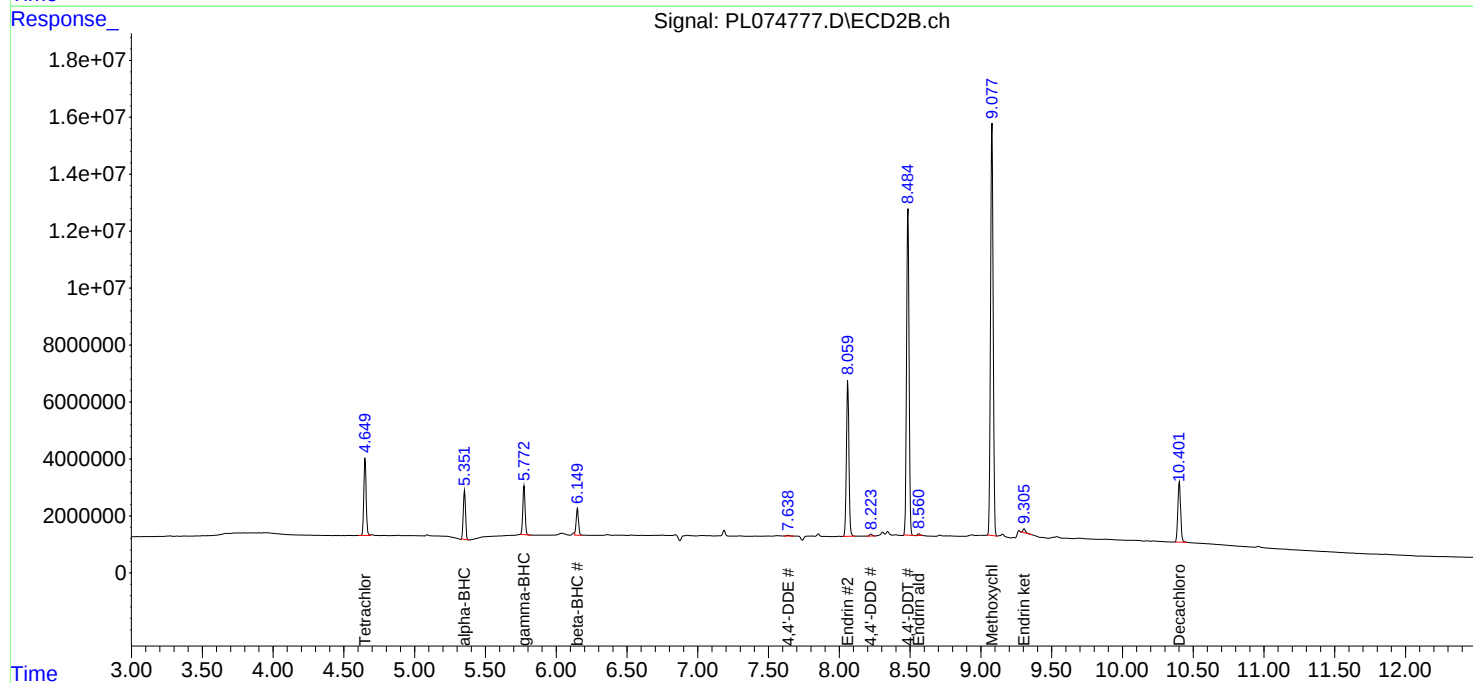
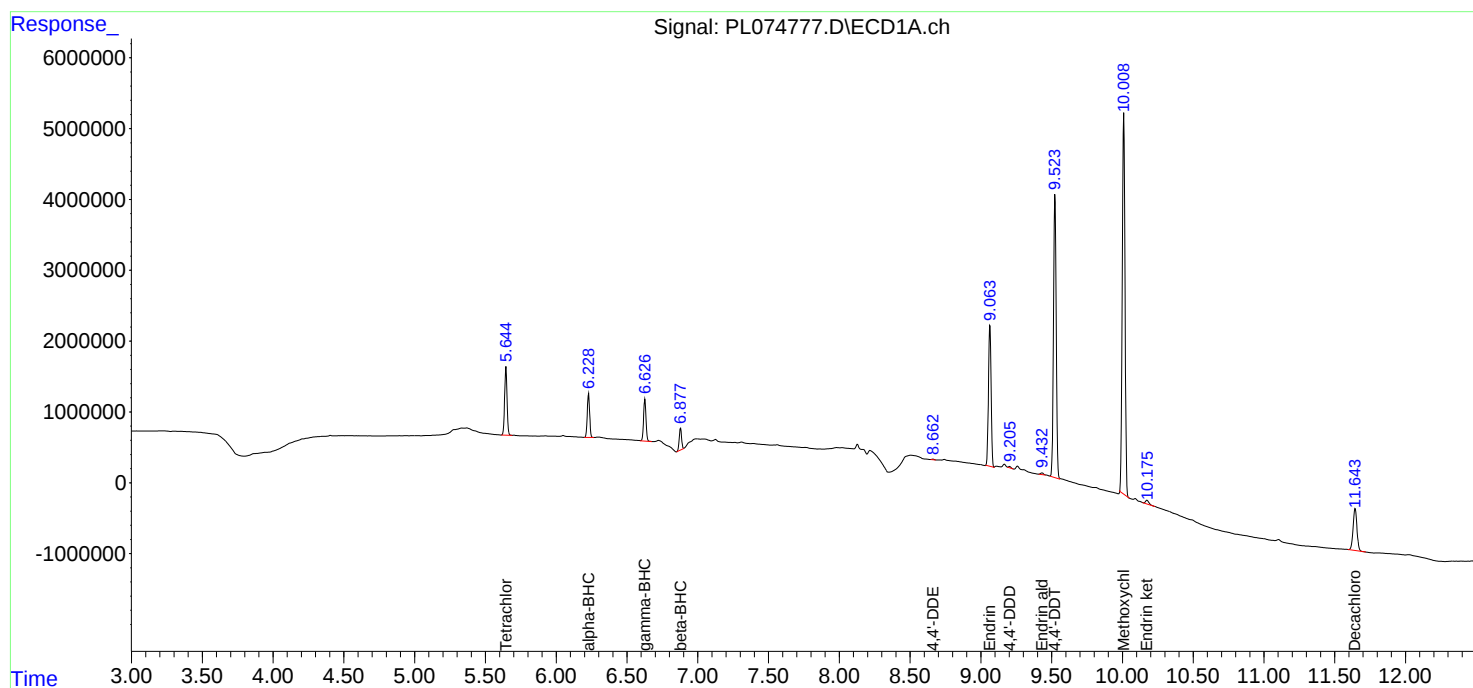
Instrument :
ECD_L
ClientSampleId :
PEM

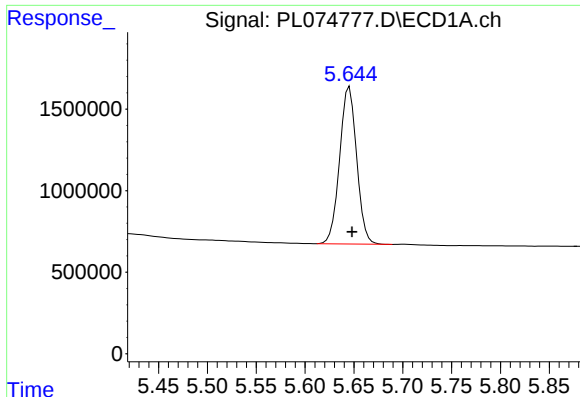
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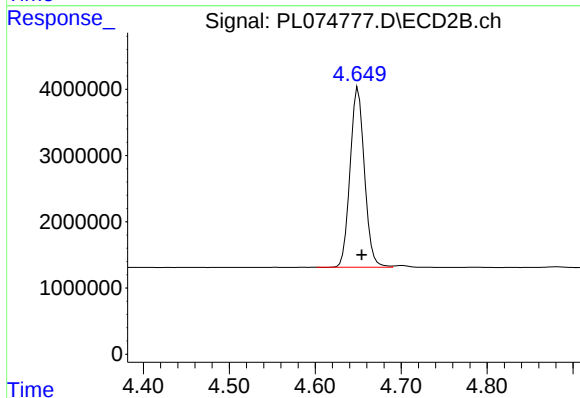
#1 Tetrachloro-m-xylene

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 11711832
Conc: 23.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

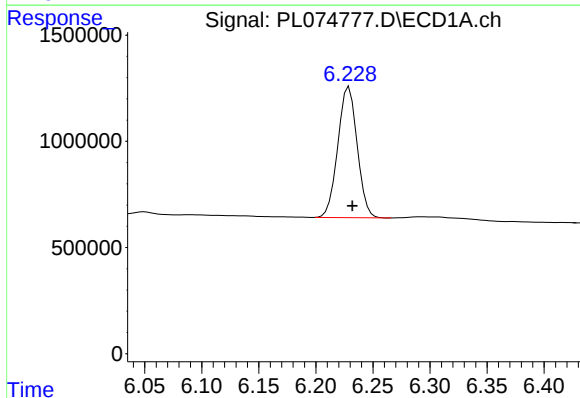
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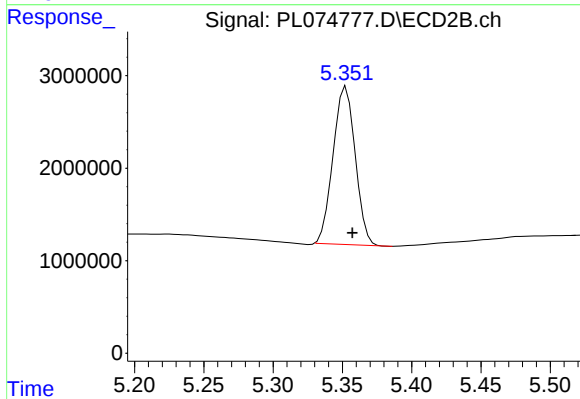
#1 Tetrachloro-m-xylene

R.T.: 4.650 min
Delta R.T.: -0.004 min
Response: 31636604
Conc: 23.05 ng/ml



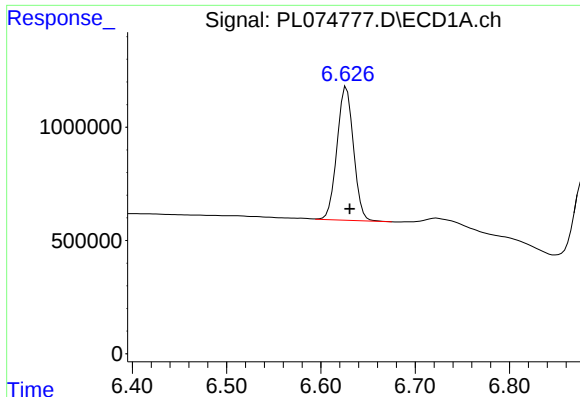
#2 alpha-BHC

R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 7282668
Conc: 10.64 ng/ml



#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 18987748
Conc: 11.28 ng/ml



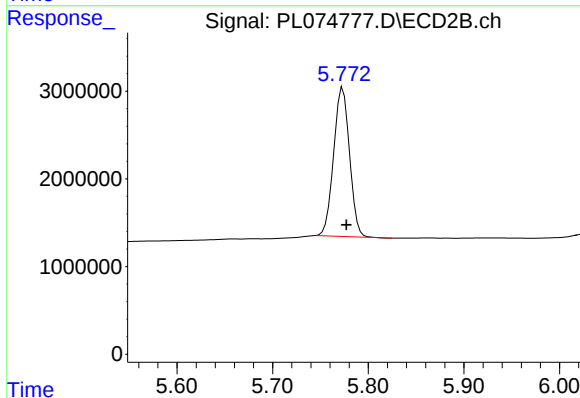
#3 gamma-BHC (Lindane)

R.T.: 6.627 min
Delta R.T.: -0.003 min
Response: 7135679
Conc: 11.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

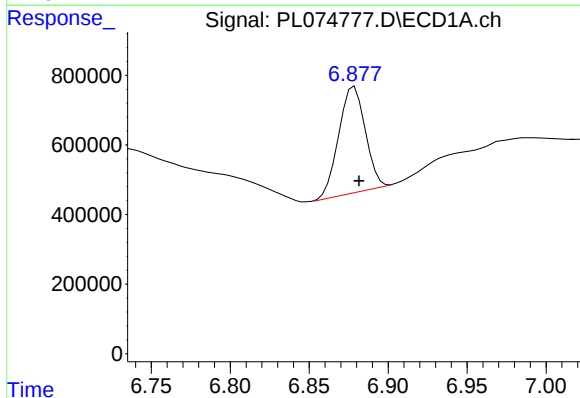
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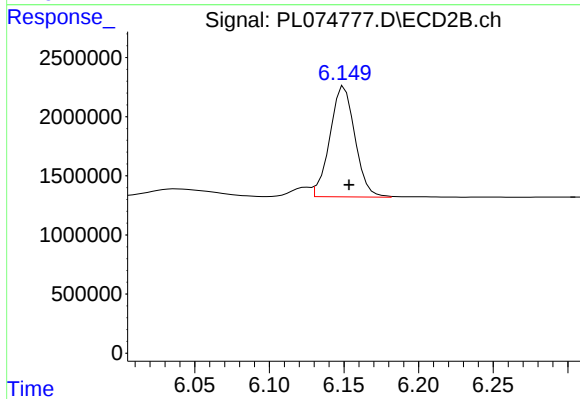
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.004 min
Response: 19530661
Conc: 11.82 ng/ml



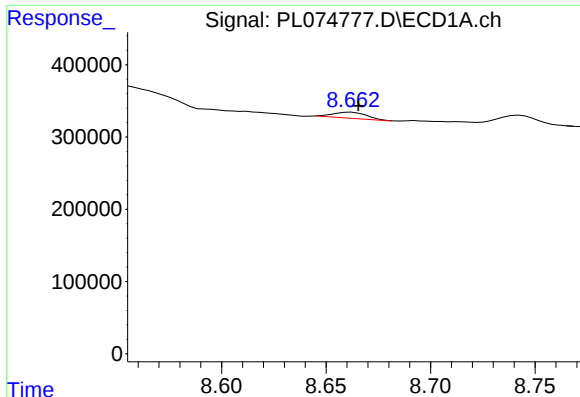
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 3573512
Conc: 11.97 ng/ml



#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.005 min
Response: 10874894
Conc: 13.70 ng/ml m



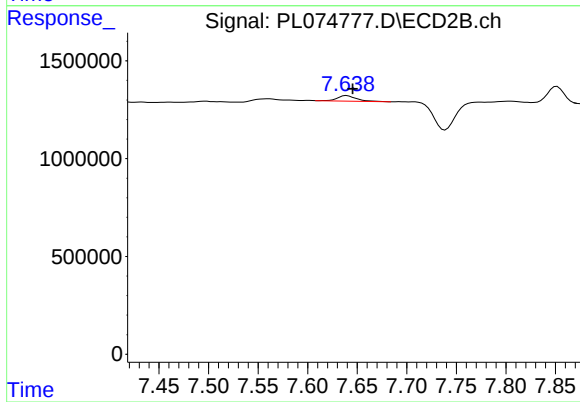
#12 4,4'-DDE

R.T.: 8.662 min
Delta R.T.: -0.004 min
Response: 91508
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

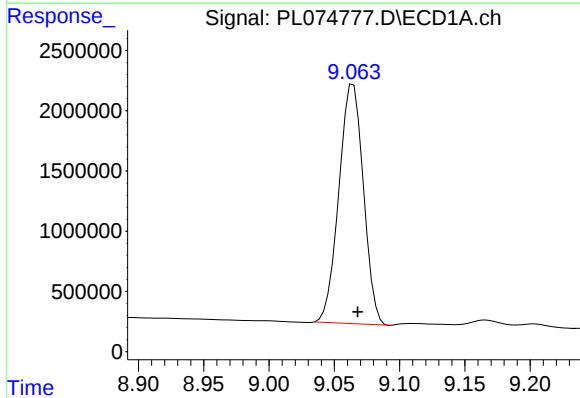
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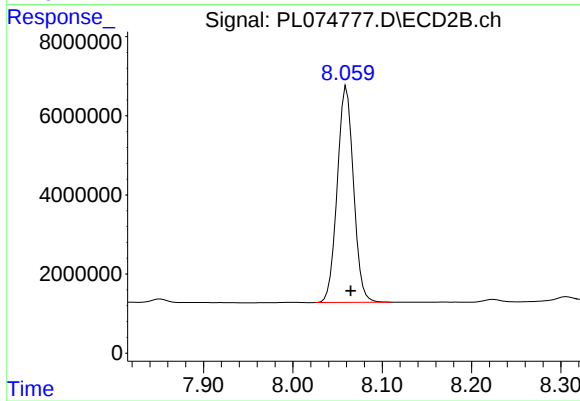
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 365251
Conc: 0.31 ng/ml



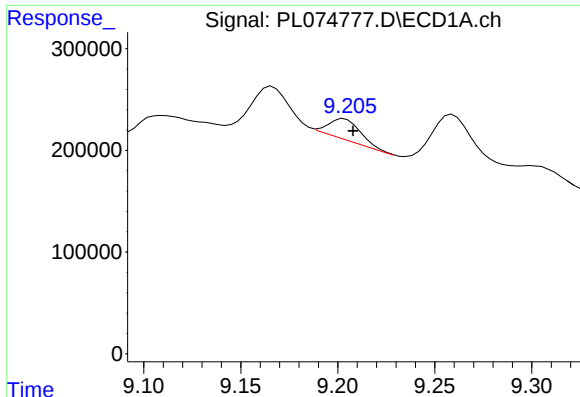
#14 Endrin

R.T.: 9.065 min
Delta R.T.: -0.004 min
Response: 25979252
Conc: 62.96 ng/ml



#14 Endrin

R.T.: 8.060 min
Delta R.T.: -0.005 min
Response: 68961860
Conc: 65.29 ng/ml



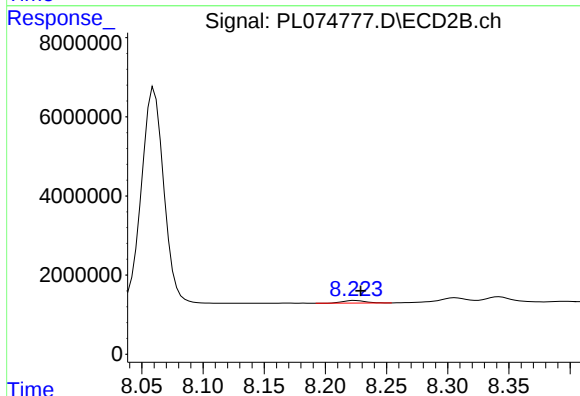
#16 4,4'-DDD

R.T.: 9.205 min
Delta R.T.: -0.003 min
Response: 225958
Conc: 0.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

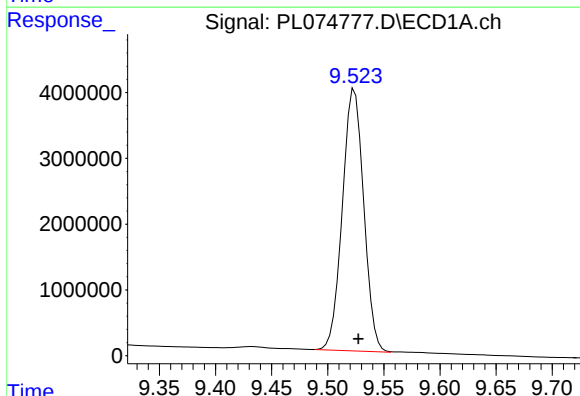
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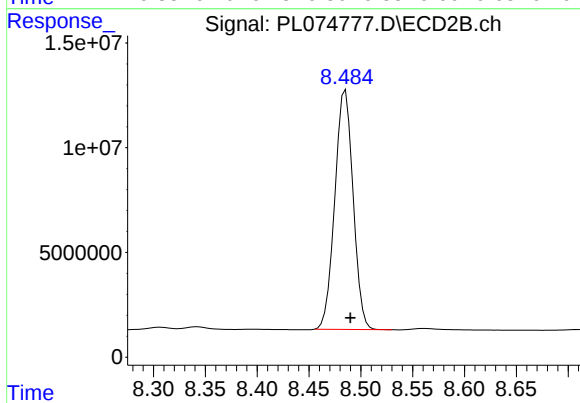
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 809735
Conc: 0.82 ng/ml



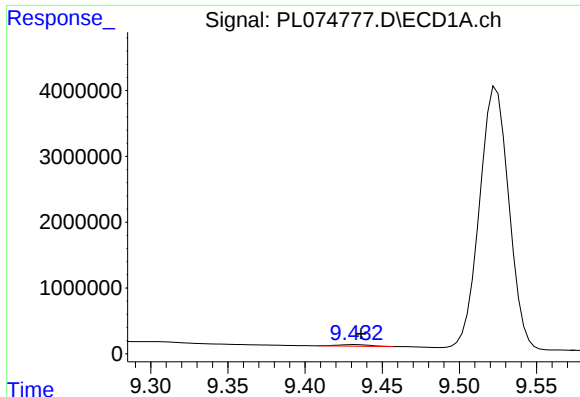
#17 4,4'-DDT

R.T.: 9.523 min
Delta R.T.: -0.005 min
Response: 52836127
Conc: 114.95 ng/ml m



#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.005 min
Response: 140279924
Conc: 140.21 ng/ml



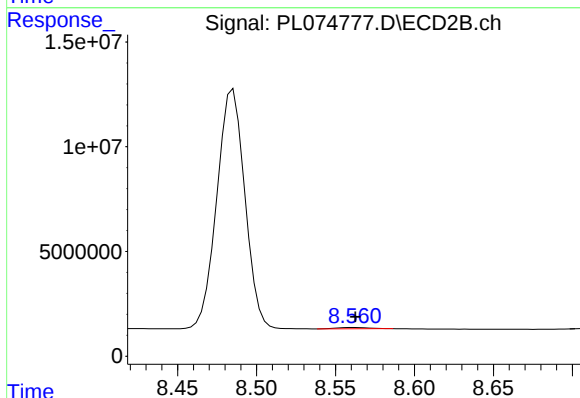
#18 Endrin aldehyde

R.T.: 9.432 min
Delta R.T.: -0.005 min
Response: 356707
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

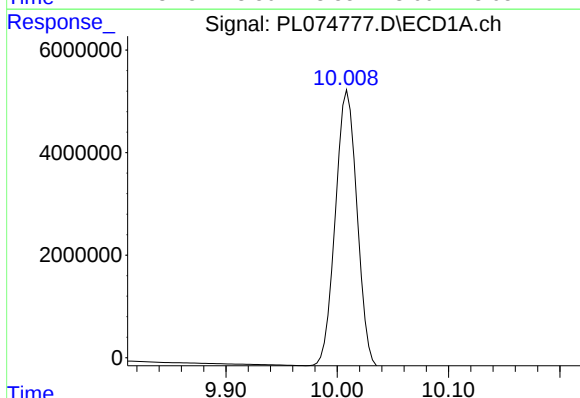
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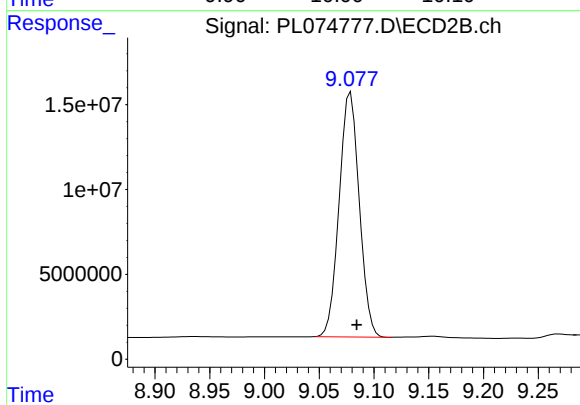
#18 Endrin aldehyde

R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 837448
Conc: 1.05 ng/ml m



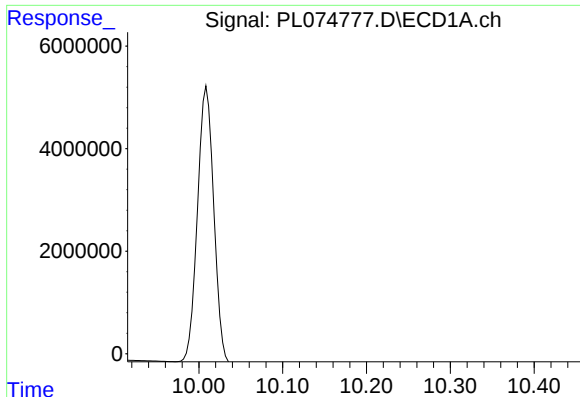
#20 Methoxychlor

R.T.: 10.009 min
Delta R.T.: -0.004 min
Response: 72208443
Conc: 294.83 ng/ml



#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.005 min
Response: 184338299
Conc: 315.44 ng/ml



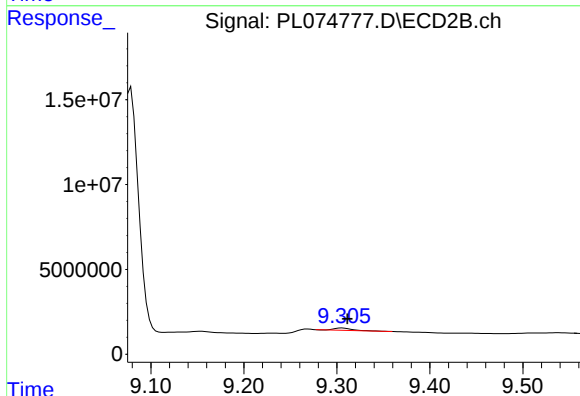
#21 Endrin ketone

R.T.: 10.174 min
Delta R.T.: -0.003 min
Response: 822396
Conc: 1.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

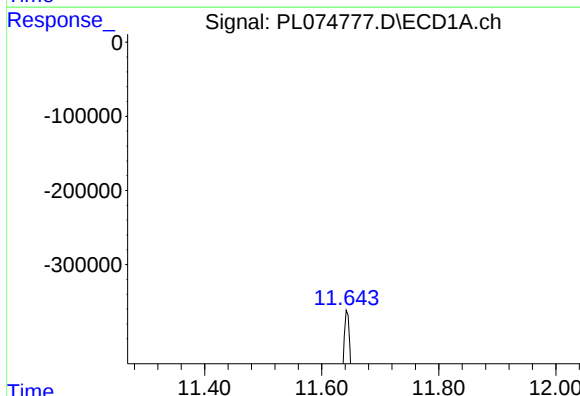
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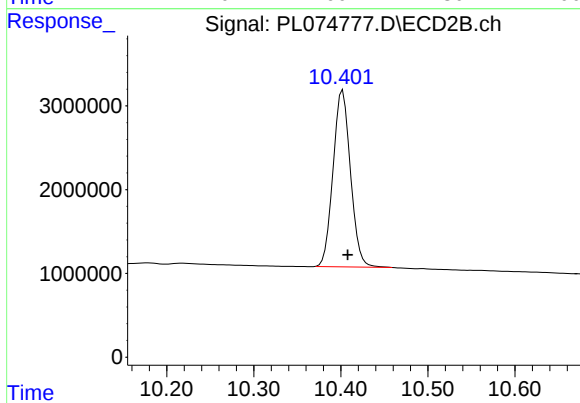
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.006 min
Response: 1674783
Conc: 1.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.644 min
Delta R.T.: -0.007 min
Response: 11132727
Conc: 24.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.006 min
Response: 29323255
Conc: 28.57 ng/ml