

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052722\
 Data File : PL075106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 May 2022 10:35
 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 02:42:18 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	4.645	12404124	33502729	24.430	24.410
28)	SA Decachlor...	11.640	10.392	11248362	27506079	25.188	26.798m
Target Compounds							
2)	A alpha-BHC	6.229	5.346	7807483	20813891	11.412	12.368m
3)	MA gamma-BHC...	6.627	5.766	7418942	20377589	11.493	12.332m
6)	B beta-BHC	6.879	6.145	3715146	10717687	12.448	13.499
12)	B 4,4'-DDE	8.658	7.633	125373	418485	0.271m	0.356 #
14)	MA Endrin	9.063	8.053	24489700	67124336	59.346	63.546
16)	A 4,4'-DDD	9.202	8.217	3517807	9046374	7.781	9.183
17)	MA 4,4'-DDT	9.523	8.476	47488232	125.1E6	103.318	125.074m
18)	B Endrin al...	9.432	8.550	725654	1710228	2.050	2.141m
20)	A Methoxychlor	10.008	9.069	64660225	165.9E6	264.013	283.805m
21)	B Endrin ke...	10.172	9.299	2487182	5888269	4.850	5.281

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

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

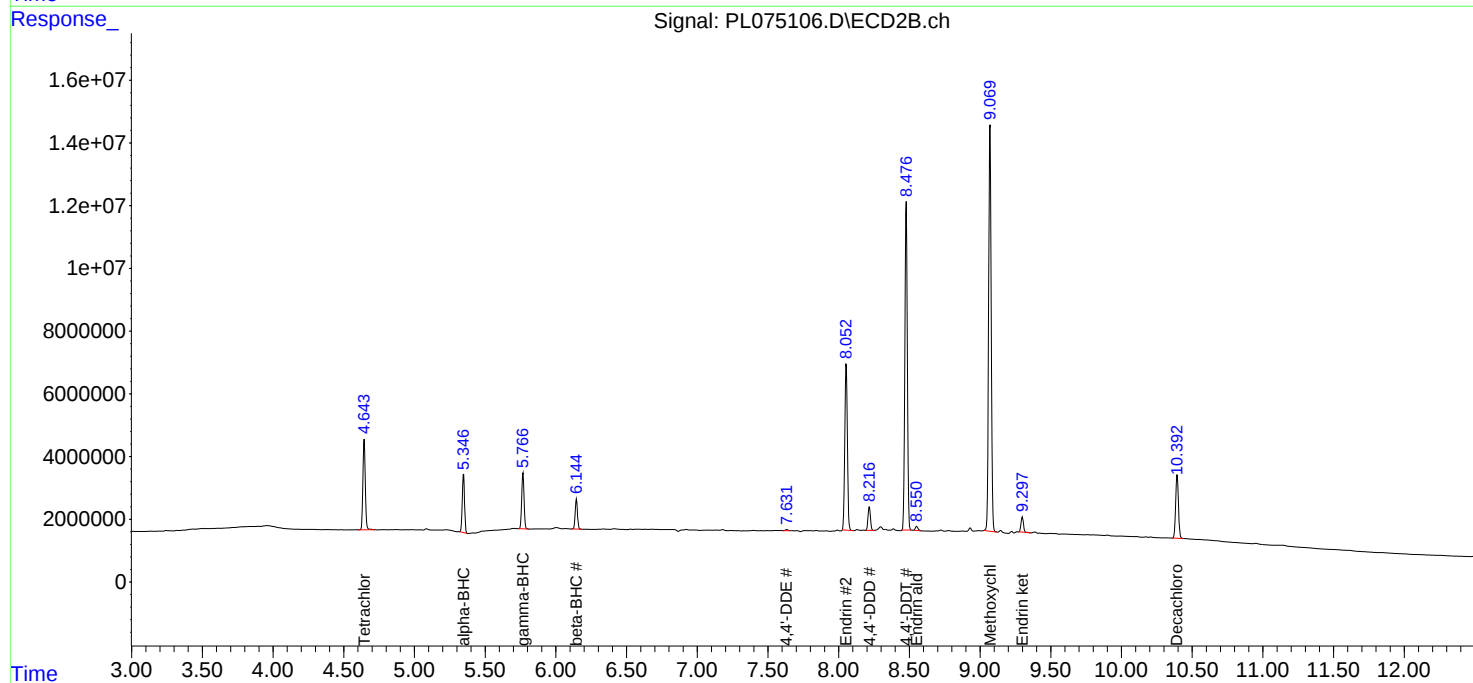
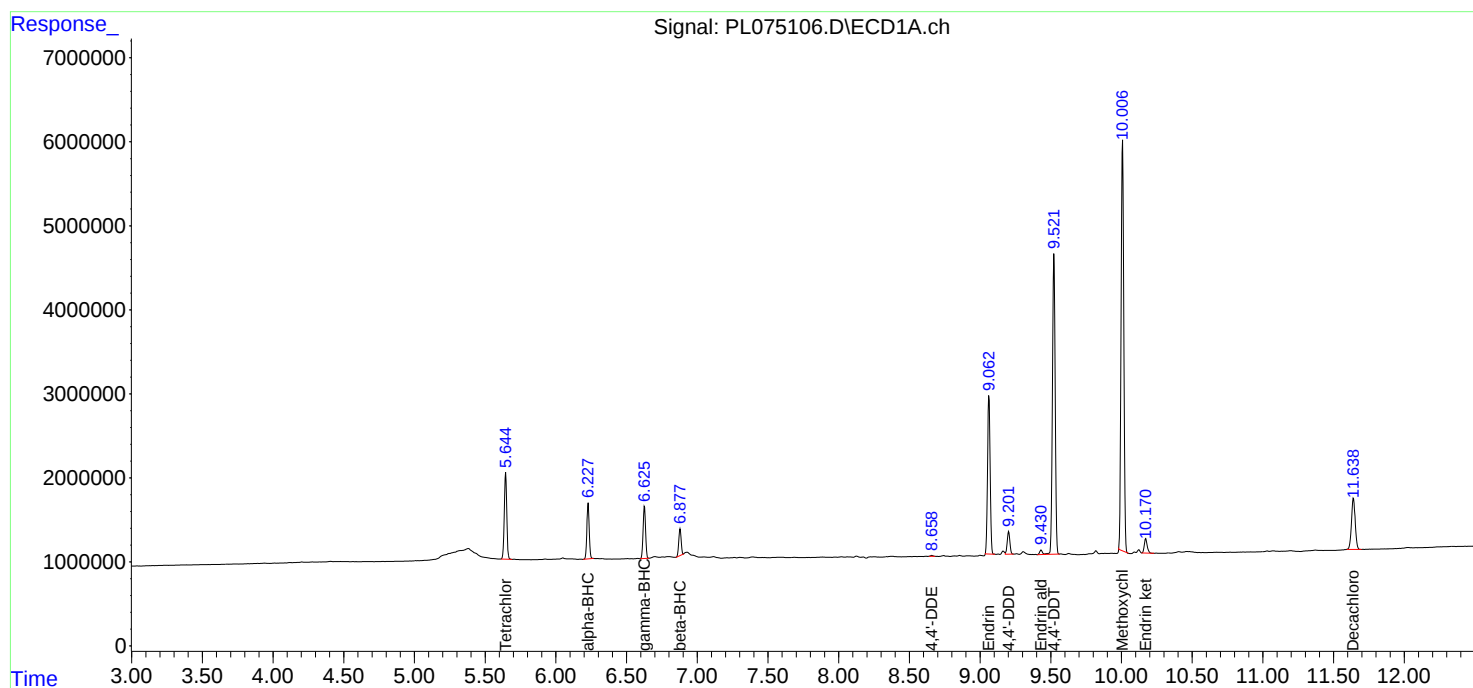
Instrument :
ECD_L
ClientSampleId :
PEM

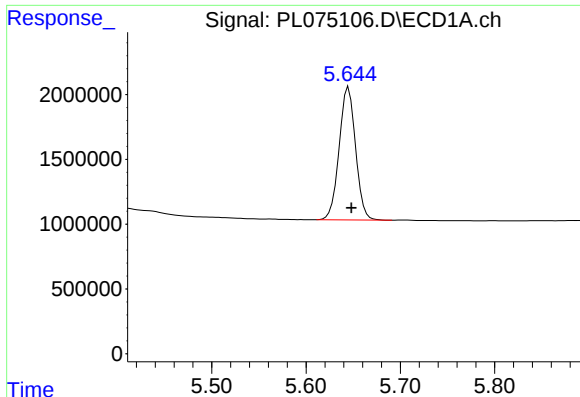
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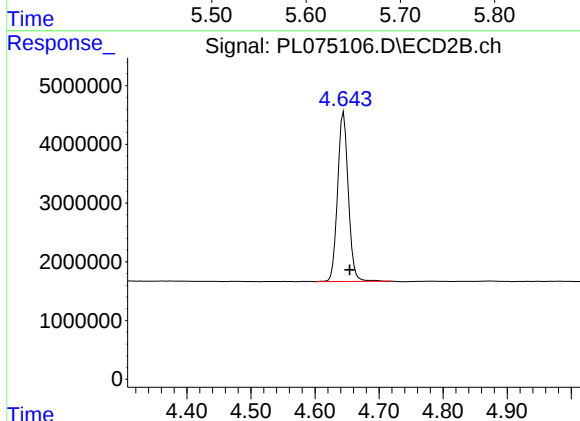
#1 Tetrachloro-m-xylene

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 12404124
Conc: 24.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

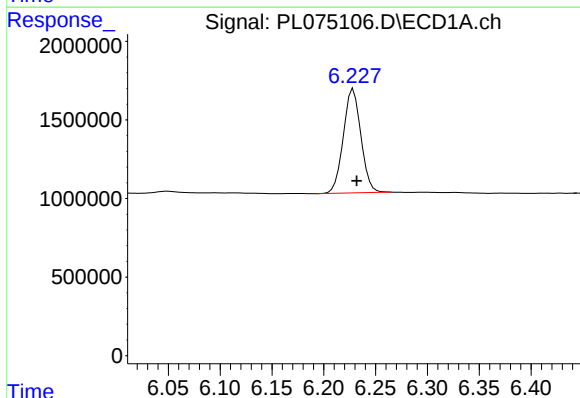
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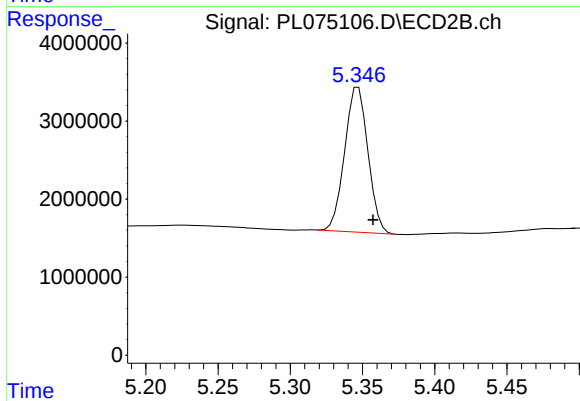
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: -0.010 min
Response: 33502729
Conc: 24.41 ng/ml



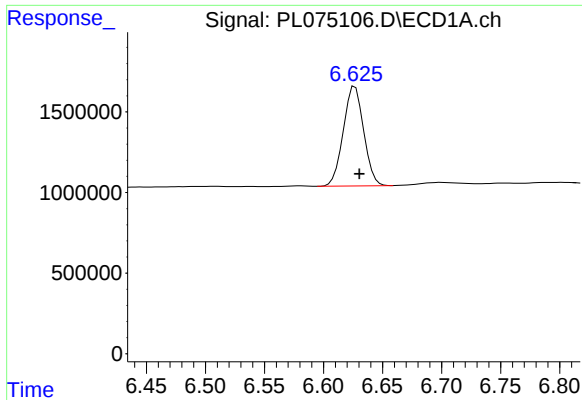
#2 alpha-BHC

R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 7807483
Conc: 11.41 ng/ml



#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.012 min
Response: 20813891
Conc: 12.37 ng/ml m



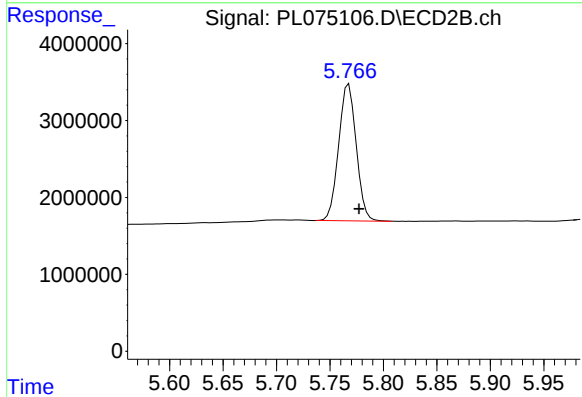
#3 gamma-BHC (Lindane)

R.T.: 6.627 min
Delta R.T.: -0.004 min
Response: 7418942
Conc: 11.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

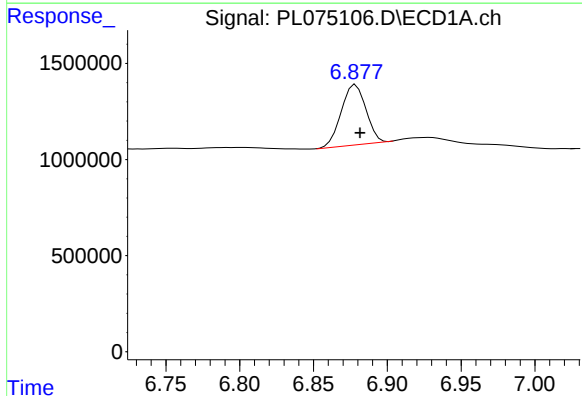
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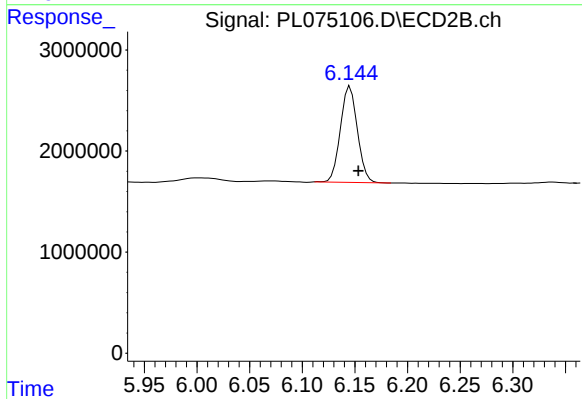
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.011 min
Response: 20377589
Conc: 12.33 ng/ml m



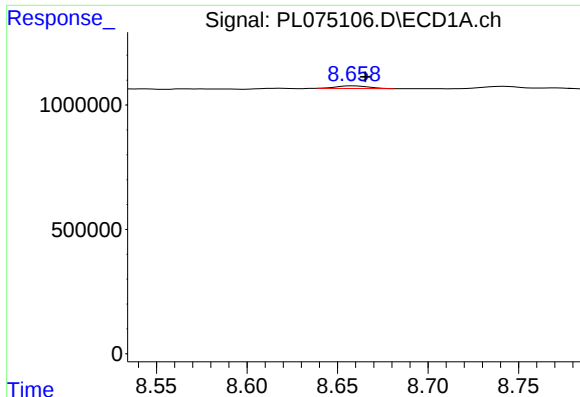
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 3715146
Conc: 12.45 ng/ml



#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.008 min
Response: 10717687
Conc: 13.50 ng/ml



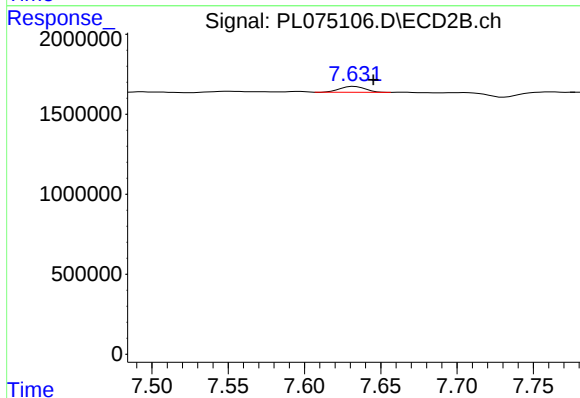
#12 4,4'-DDE

R.T.: 8.658 min
Delta R.T.: -0.008 min
Response: 125373
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

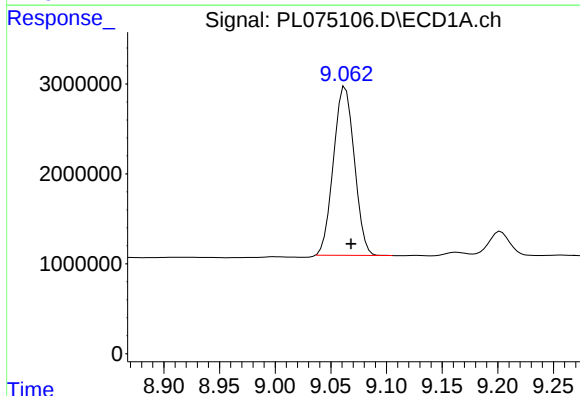
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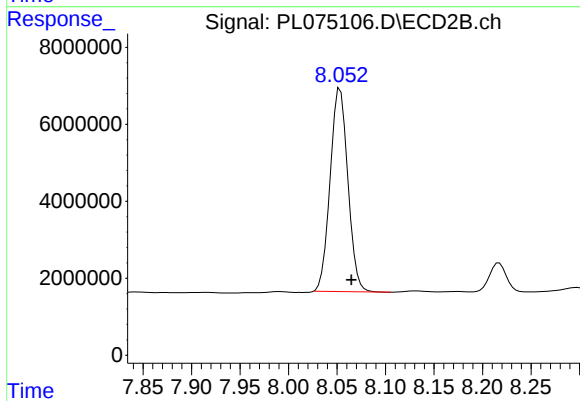
#12 4,4'-DDE

R.T.: 7.633 min
Delta R.T.: -0.012 min
Response: 418485
Conc: 0.36 ng/ml



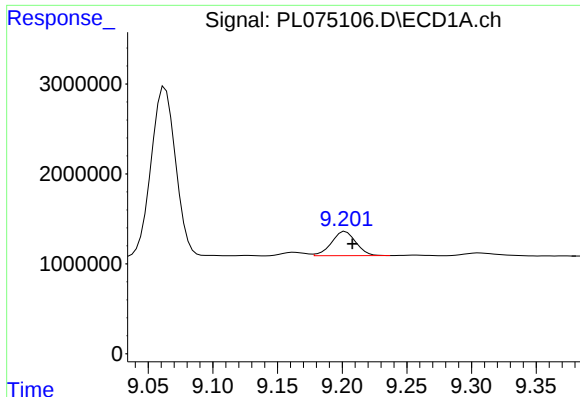
#14 Endrin

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 24489700
Conc: 59.35 ng/ml



#14 Endrin

R.T.: 8.053 min
Delta R.T.: -0.012 min
Response: 67124336
Conc: 63.55 ng/ml



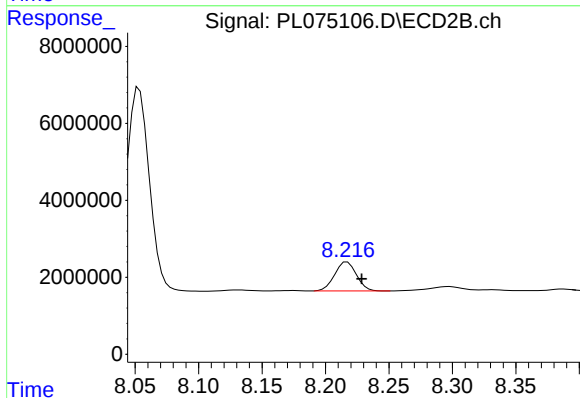
#16 4,4'-DDD

R.T.: 9.202 min
Delta R.T.: -0.005 min
Response: 3517807
Conc: 7.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

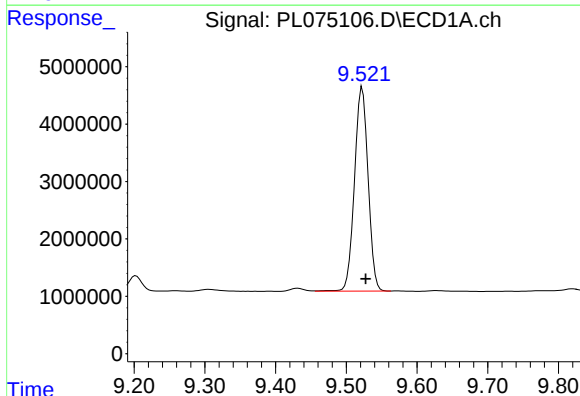
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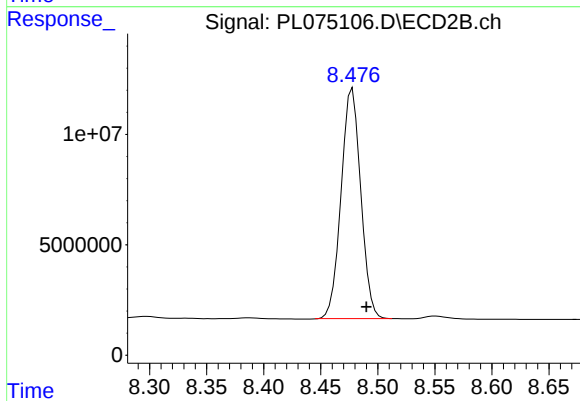
#16 4,4'-DDD

R.T.: 8.217 min
Delta R.T.: -0.012 min
Response: 9046374
Conc: 9.18 ng/ml



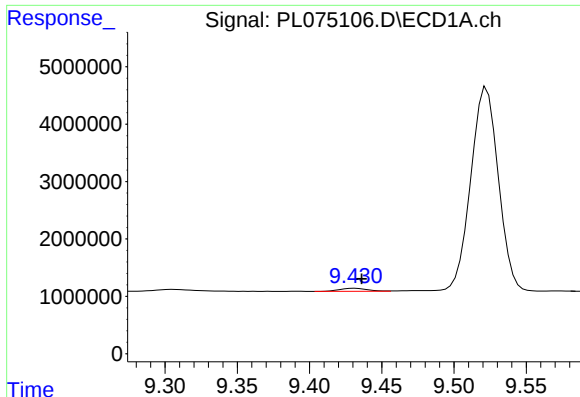
#17 4,4'-DDT

R.T.: 9.523 min
Delta R.T.: -0.005 min
Response: 47488232
Conc: 103.32 ng/ml



#17 4,4'-DDT

R.T.: 8.476 min
Delta R.T.: -0.014 min
Response: 125138866
Conc: 125.07 ng/ml m



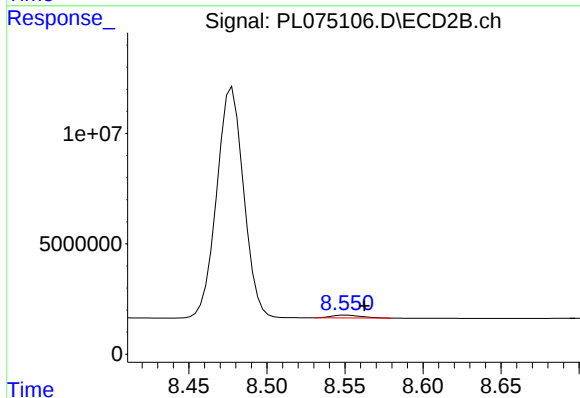
#18 Endrin aldehyde

R.T.: 9.432 min
Delta R.T.: -0.005 min
Response: 725654
Conc: 2.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

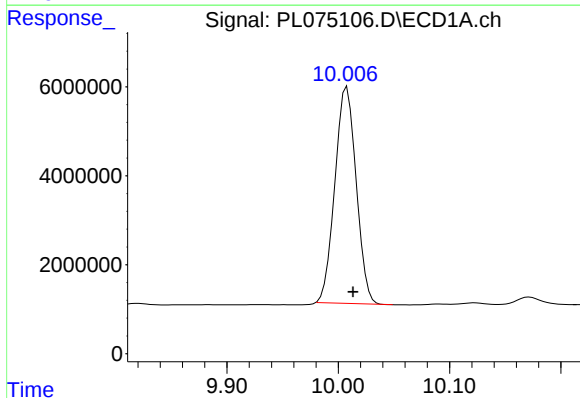
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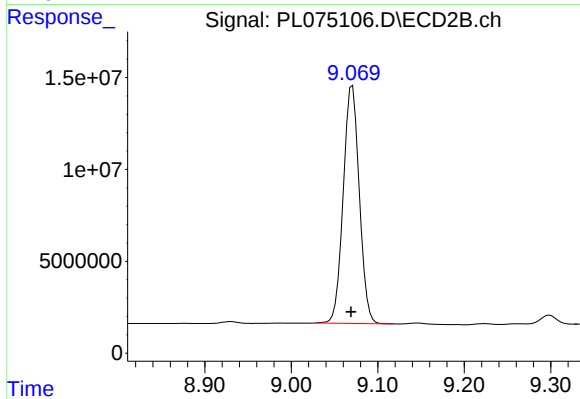
#18 Endrin aldehyde

R.T.: 8.550 min
Delta R.T.: -0.013 min
Response: 1710228
Conc: 2.14 ng/ml m



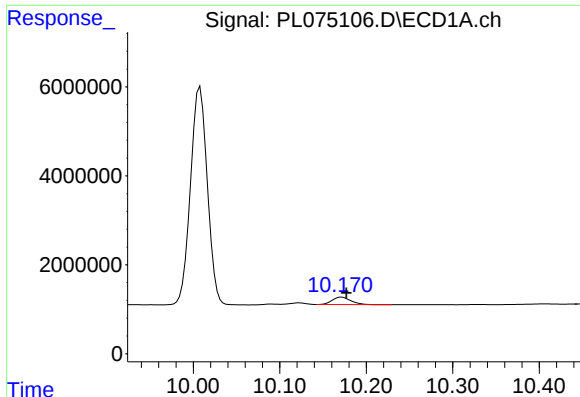
#20 Methoxychlor

R.T.: 10.008 min
Delta R.T.: -0.005 min
Response: 64660225
Conc: 264.01 ng/ml



#20 Methoxychlor

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 165853201
Conc: 283.80 ng/ml m



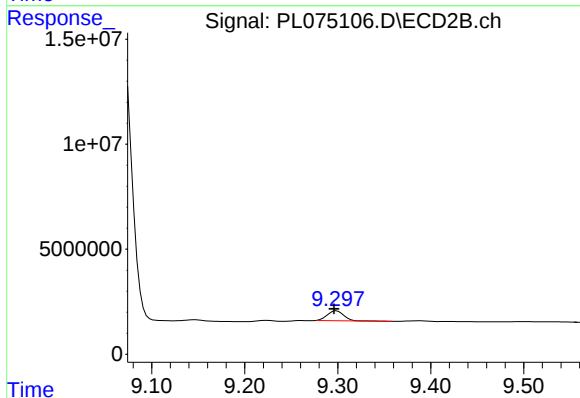
#21 Endrin ketone

R.T.: 10.172 min
Delta R.T.: -0.005 min
Response: 2487182
Conc: 4.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

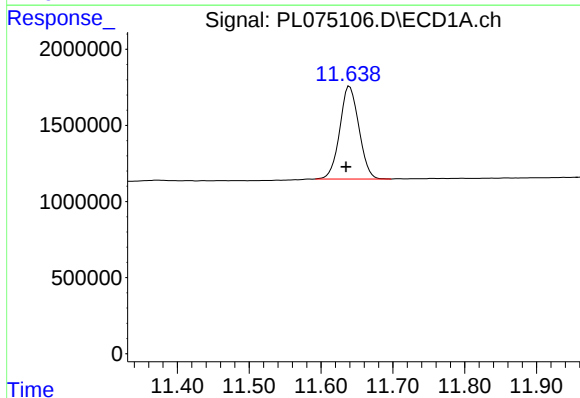
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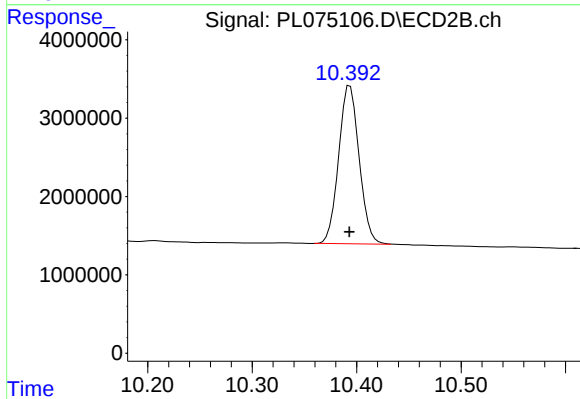
#21 Endrin ketone

R.T.: 9.299 min
Delta R.T.: 0.003 min
Response: 5888269
Conc: 5.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.640 min
Delta R.T.: 0.005 min
Response: 11248362
Conc: 25.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.392 min
Delta R.T.: 0.000 min
Response: 27506079
Conc: 26.80 ng/ml m