

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052322\
 Data File : PL074960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2022 19:58
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/24/2022
 Supervised By : Ankita Jodhani 05/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 02:46:00 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	4.647	11649774	32118160	22.944	23.401
28)	SA Decachlor...	11.639	10.394	11158476	29217442	24.986	28.466m
Target Compounds							
2)	A alpha-BHC	6.227	5.349	7191559	19324147	10.512	11.483
3)	MA gamma-BHC...	6.625	5.769	6992720	20060679	10.833	12.140
6)	B beta-BHC	6.877	6.147	3502865	10921546	11.737	13.756
12)	B 4,4'-DDE	8.659	7.635	117976	282591	0.255m	0.240
14)	MA Endrin	9.061	8.055	25997368	72259871	62.999	68.408
16)	A 4,4'-DDD	9.200	8.218	630902	1745399	1.395	1.772 #
17)	MA 4,4'-DDT	9.520	8.478	52111008	145.1E6	113.376m	144.991m#
18)	B Endrin al...	9.432	8.556	139637	688161	0.395m	0.862 #
20)	A Methoxychlor	10.005	9.073	72008427	186.6E6	294.017m	319.258
21)	B Endrin ke...	10.172	9.300	949818	1574788	1.852	1.413

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

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Acq On : 23 May 2022 19:58
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

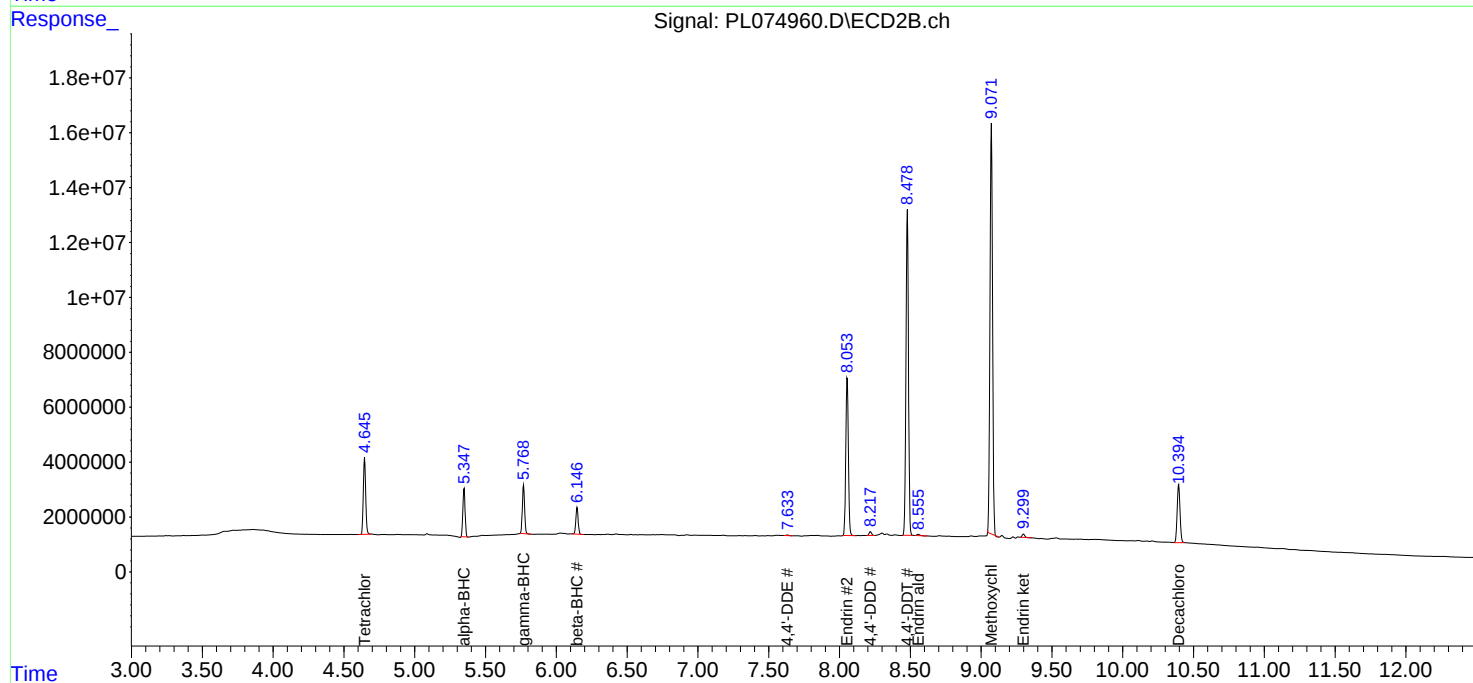
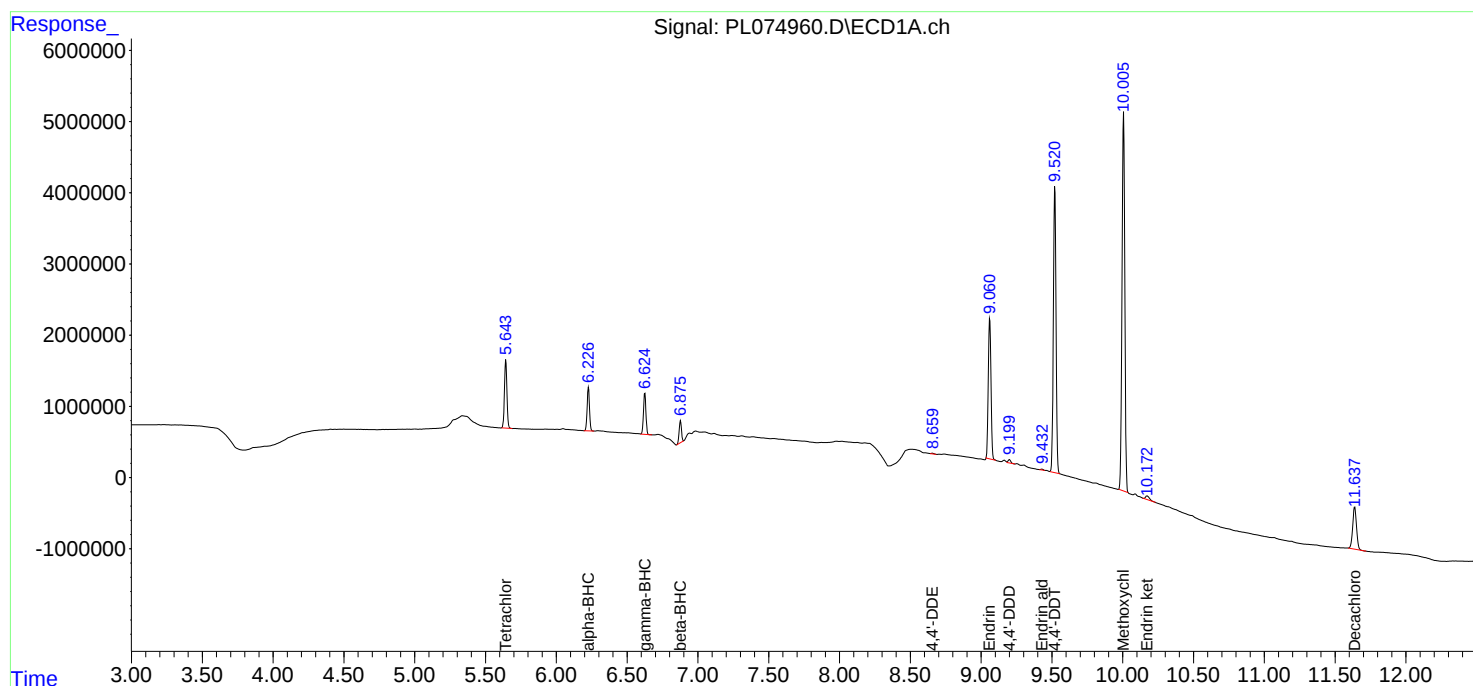
Instrument :
ECD_L
ClientSampleId :
PEM

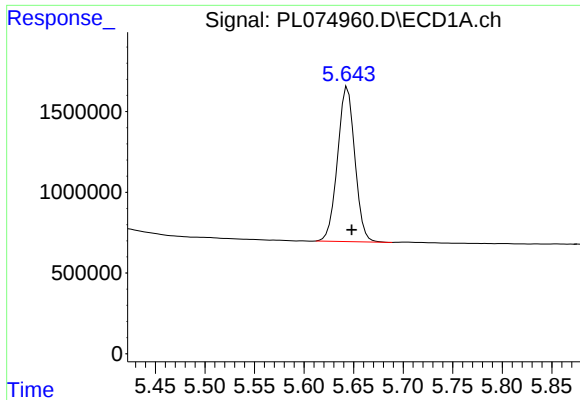
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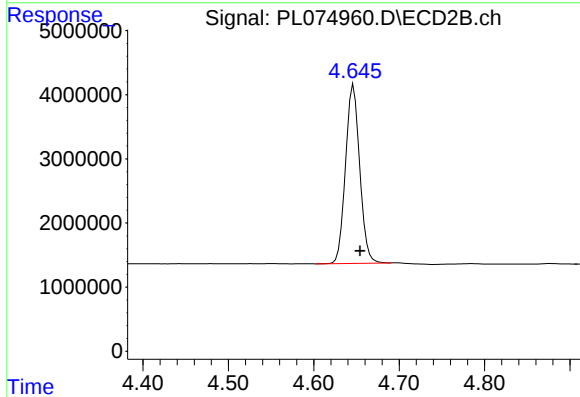
#1 Tetrachloro-m-xylene

R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 11649774
Conc: 22.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

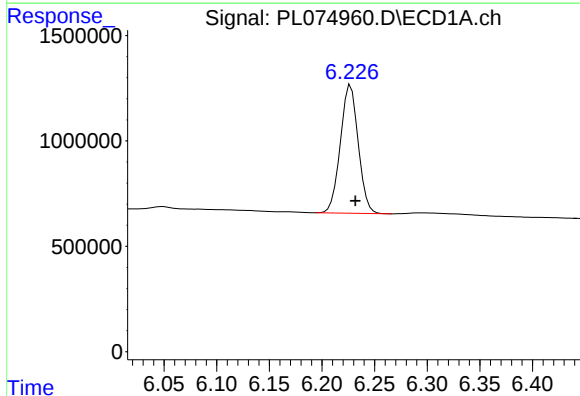
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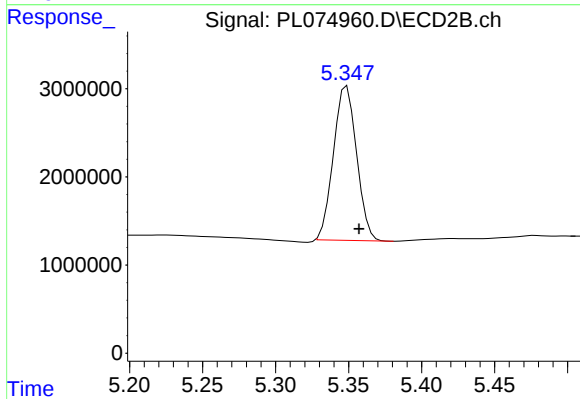
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: -0.008 min
Response: 32118160
Conc: 23.40 ng/ml



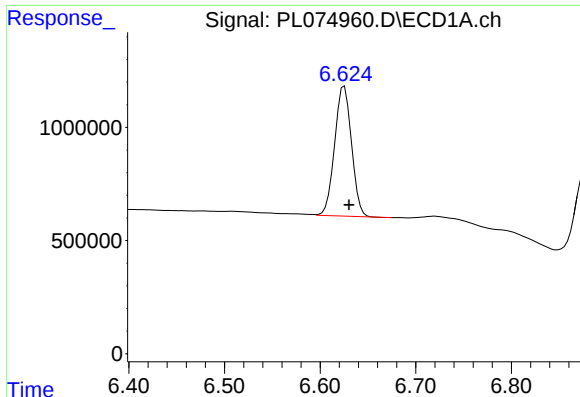
#2 alpha-BHC

R.T.: 6.227 min
Delta R.T.: -0.005 min
Response: 7191559
Conc: 10.51 ng/ml



#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.008 min
Response: 19324147
Conc: 11.48 ng/ml



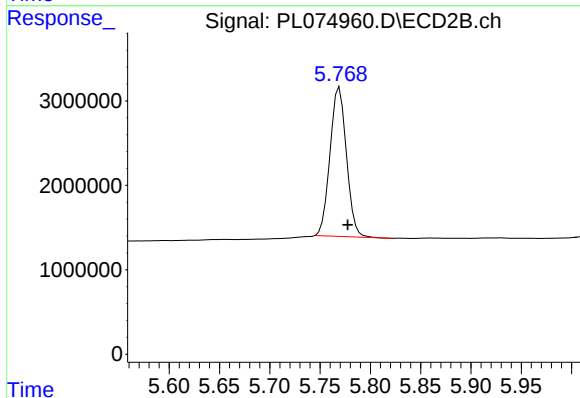
#3 gamma-BHC (Lindane)

R.T.: 6.625 min
Delta R.T.: -0.005 min
Response: 6992720
Conc: 10.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

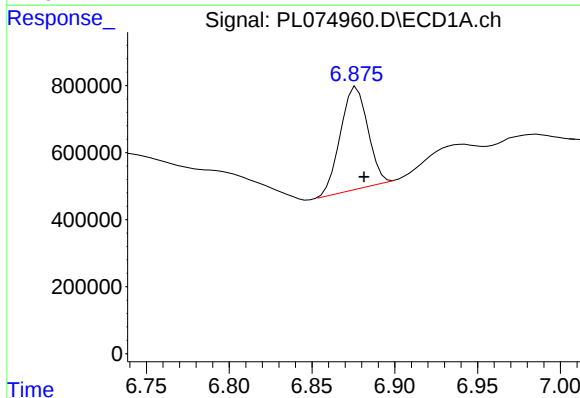
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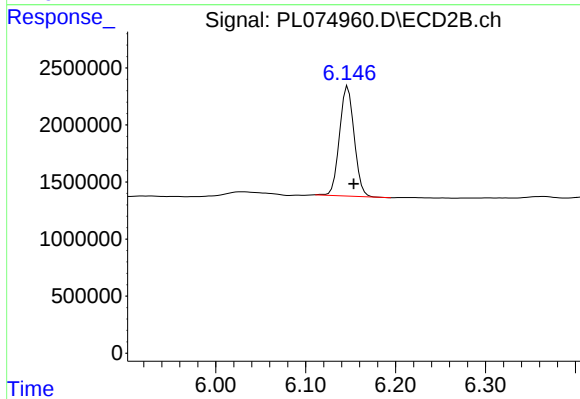
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.008 min
Response: 20060679
Conc: 12.14 ng/ml



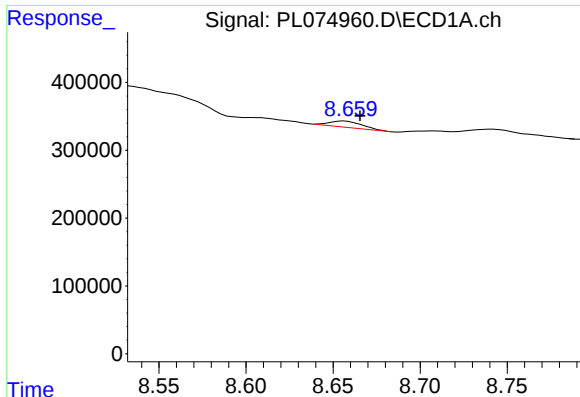
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: -0.005 min
Response: 3502865
Conc: 11.74 ng/ml



#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.006 min
Response: 10921546
Conc: 13.76 ng/ml



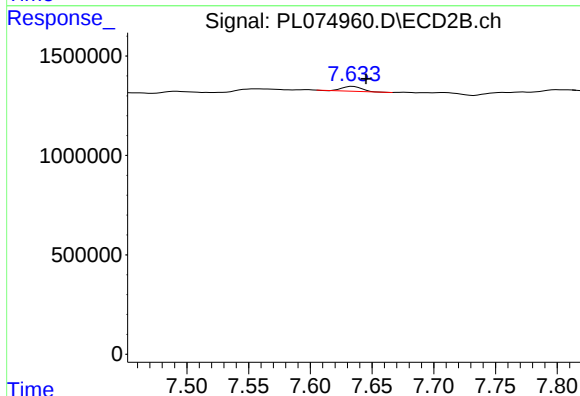
#12 4,4'-DDE

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 117976
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

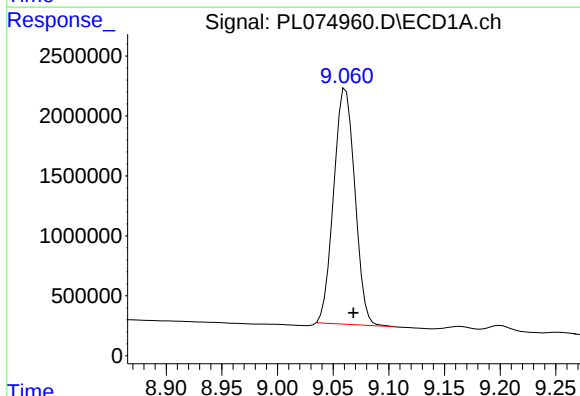
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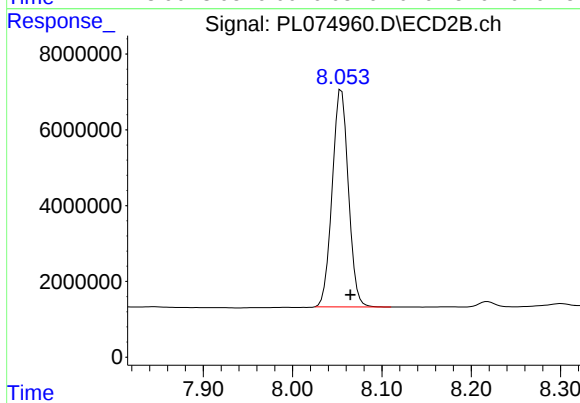
#12 4,4'-DDE

R.T.: 7.635 min
Delta R.T.: -0.011 min
Response: 282591
Conc: 0.24 ng/ml



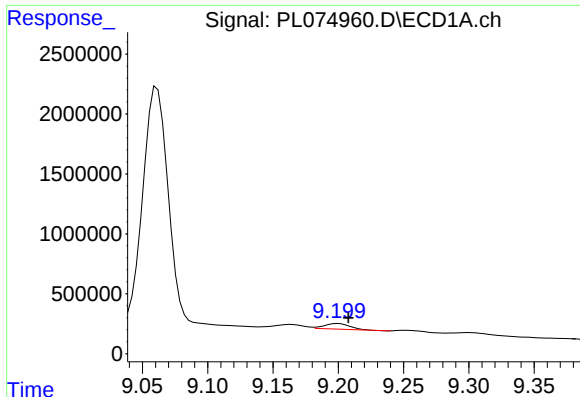
#14 Endrin

R.T.: 9.061 min
Delta R.T.: -0.007 min
Response: 25997368
Conc: 63.00 ng/ml



#14 Endrin

R.T.: 8.055 min
Delta R.T.: -0.010 min
Response: 72259871
Conc: 68.41 ng/ml



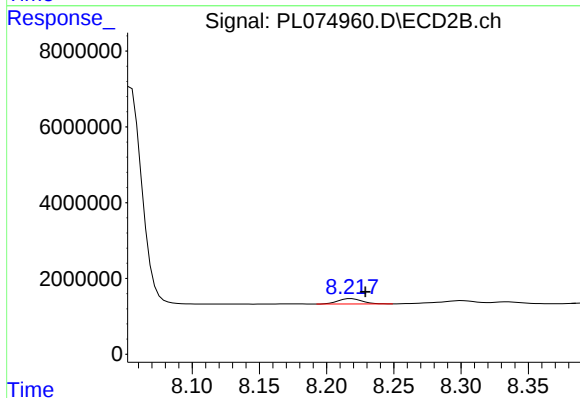
#16 4,4'-DDD

R.T.: 9.200 min
Delta R.T.: -0.008 min
Response: 630902
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

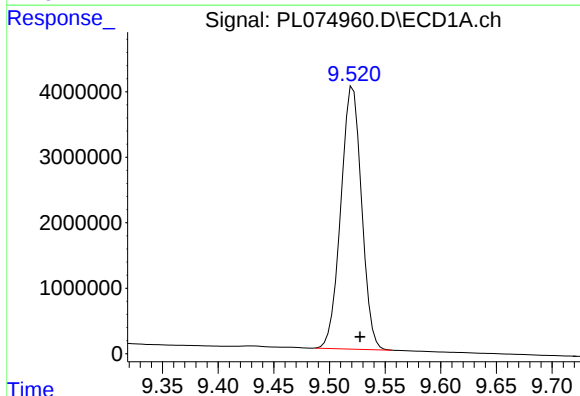
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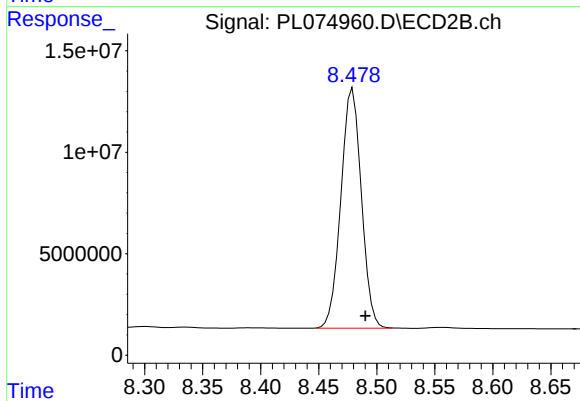
#16 4,4'-DDD

R.T.: 8.218 min
Delta R.T.: -0.010 min
Response: 1745399
Conc: 1.77 ng/ml



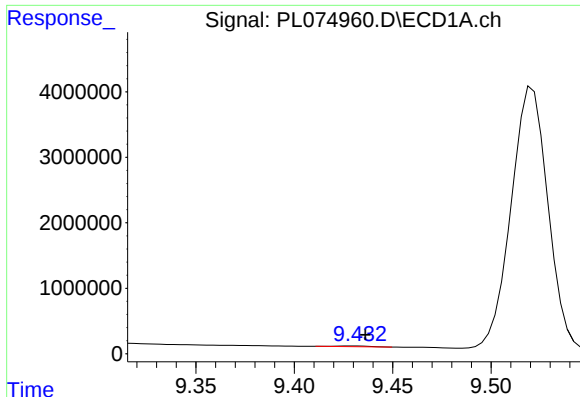
#17 4,4'-DDT

R.T.: 9.520 min
Delta R.T.: -0.008 min
Response: 52111008
Conc: 113.38 ng/ml m



#17 4,4'-DDT

R.T.: 8.478 min
Delta R.T.: -0.012 min
Response: 145065591
Conc: 144.99 ng/ml m



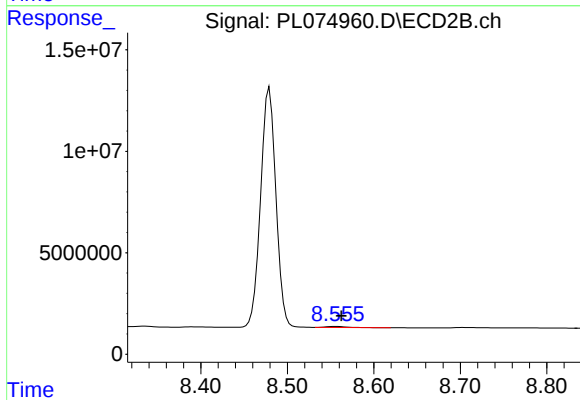
#18 Endrin aldehyde

R.T.: 9.432 min
Delta R.T.: -0.004 min
Response: 139637
Conc: 0.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

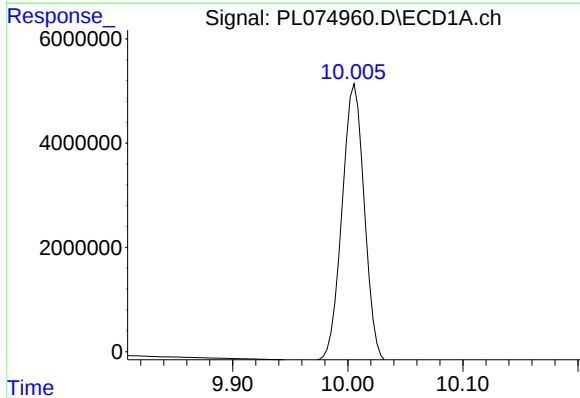
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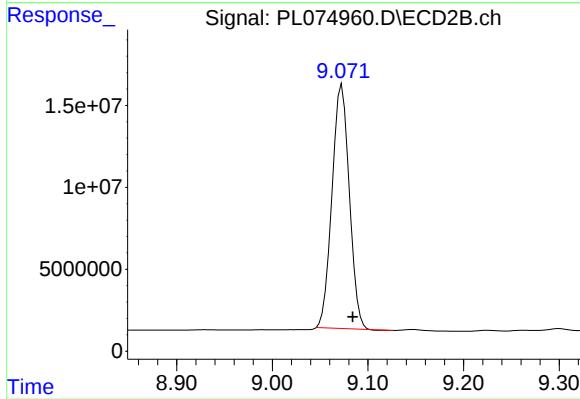
#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: -0.006 min
Response: 688161
Conc: 0.86 ng/ml



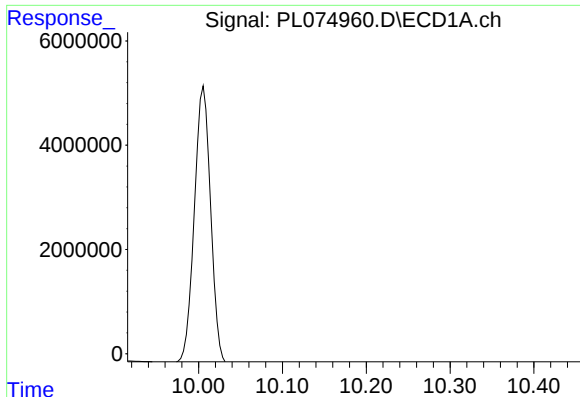
#20 Methoxychlor

R.T.: 10.005 min
Delta R.T.: -0.008 min
Response: 72008427
Conc: 294.02 ng/ml m



#20 Methoxychlor

R.T.: 9.073 min
Delta R.T.: -0.011 min
Response: 186572156
Conc: 319.26 ng/ml



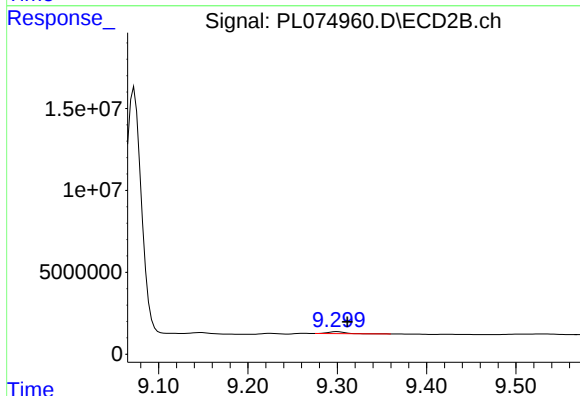
#21 Endrin ketone

R.T.: 10.172 min
Delta R.T.: -0.005 min
Response: 949818
Conc: 1.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

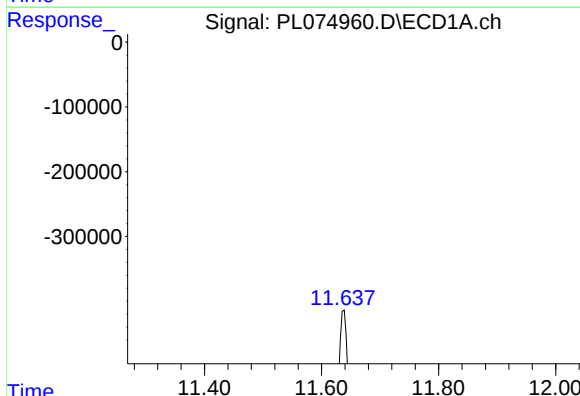
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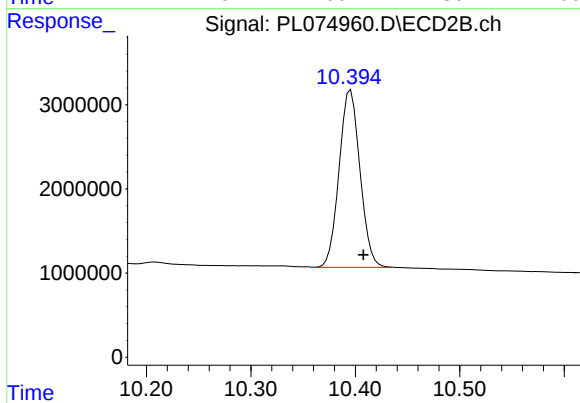
#21 Endrin ketone

R.T.: 9.300 min
Delta R.T.: -0.012 min
Response: 1574788
Conc: 1.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.639 min
Delta R.T.: -0.012 min
Response: 11158476
Conc: 24.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.394 min
Delta R.T.: -0.014 min
Response: 29217442
Conc: 28.47 ng/ml m