

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051922\
 Data File : PL074855.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 19:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/20/2022
 Supervised By : mohammad ahmed 05/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:47:23 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...	5.646	4.650	13180511	35130846	25.959	25.596
28)	SA Decachlor...	11.647	10.403	12835779	31726845	28.742	30.910
Target Compounds							
2)	A alpha-BHC	6.230	5.353	8262955	21680435	12.078	12.883
3)	MA gamma-BHC...	6.628	5.773	8071438	21675890	12.504	13.118
6)	B beta-BHC	6.879	6.149	4034777	11897783	13.519	14.985m
12)	B 4,4'-DDE	8.660	7.640	139048	437936	0.300m	0.372
14)	MA Endrin	9.065	8.061	29225447	78058630	70.822	73.898
16)	A 4,4'-DDD	9.205	8.224	1793502	4244900	3.967	4.309
17)	MA 4,4'-DDT	9.523	8.486	58252710	148.8E6	126.738m	148.727
18)	B Endrin al...	9.431	8.560	425604	1454232	1.203m	1.821 #
20)	A Methoxychlor	10.011	9.079	78901107	192.2E6	322.160	328.941
21)	B Endrin ke...	10.175	9.305	1519875	3247505	2.964	2.913m

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

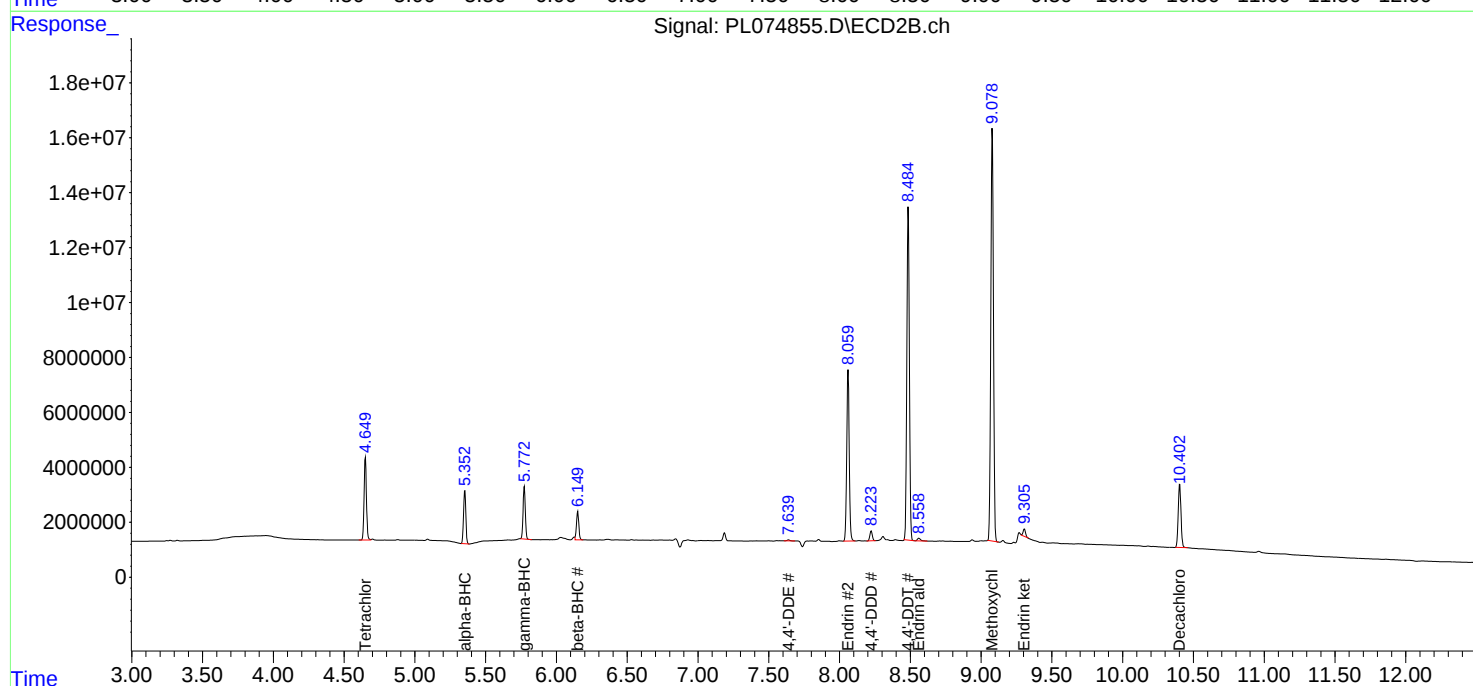
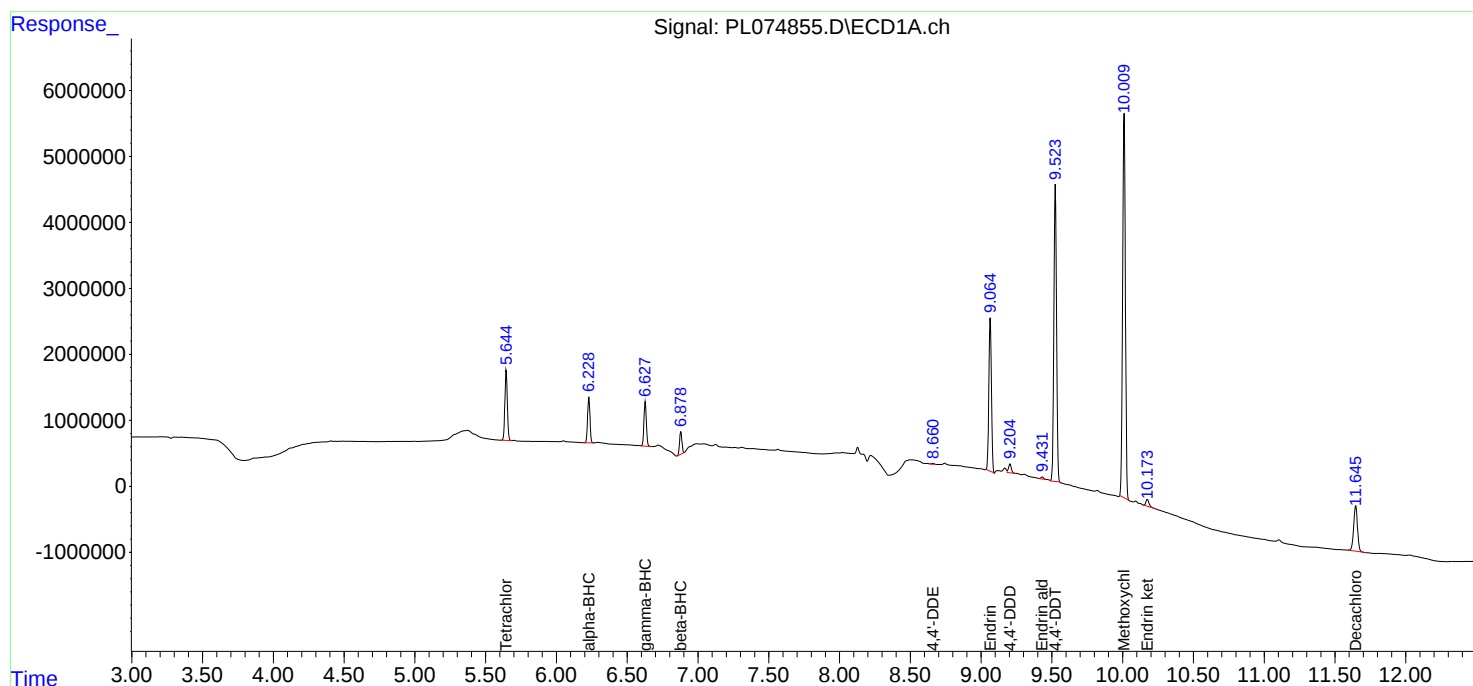
Instrument :
ECD_L
ClientSampleId :
PEM

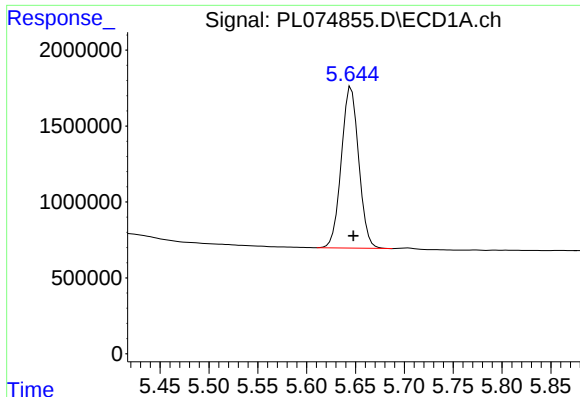
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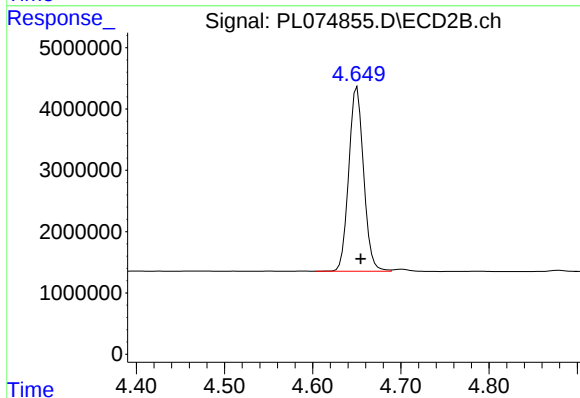
#1 Tetrachloro-m-xylene

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 13180511
Conc: 25.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

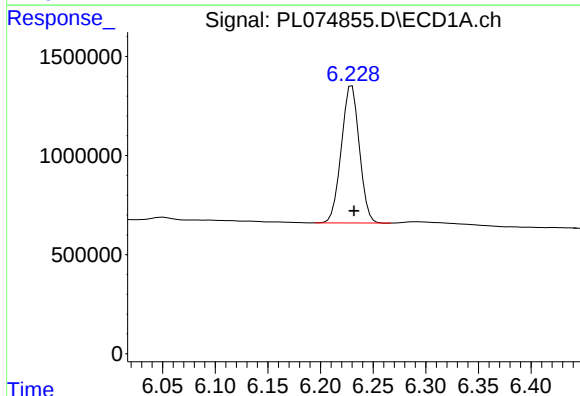
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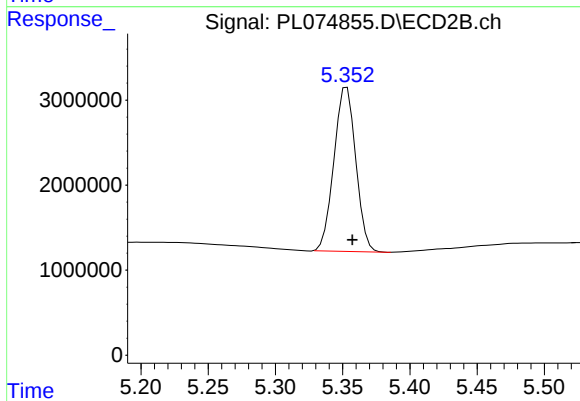
#1 Tetrachloro-m-xylene

R.T.: 4.650 min
Delta R.T.: -0.004 min
Response: 35130846
Conc: 25.60 ng/ml



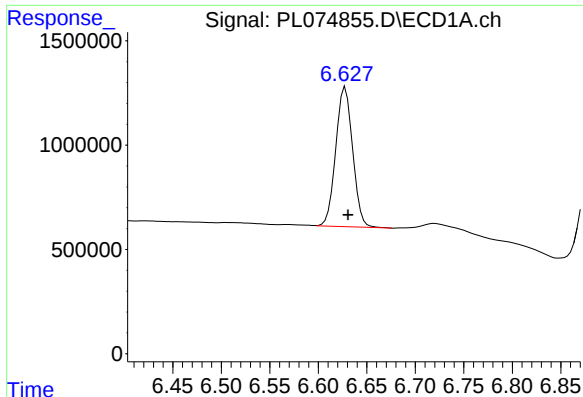
#2 alpha-BHC

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 8262955
Conc: 12.08 ng/ml



#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: -0.004 min
Response: 21680435
Conc: 12.88 ng/ml



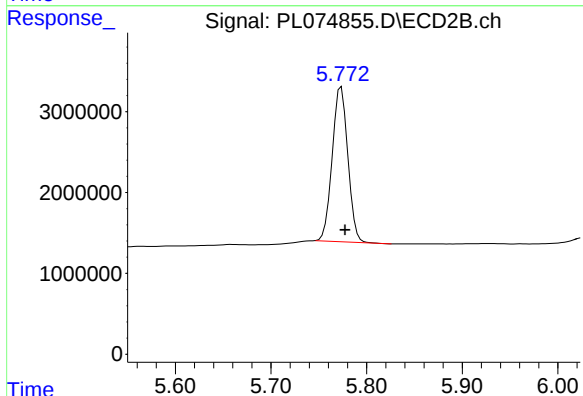
#3 gamma-BHC (Lindane)

R.T.: 6.628 min
Delta R.T.: -0.003 min
Response: 8071438
Conc: 12.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

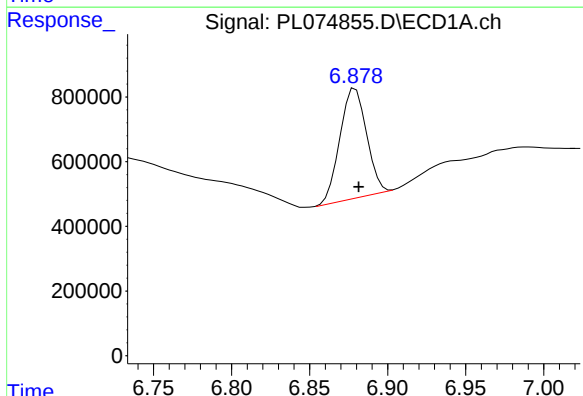
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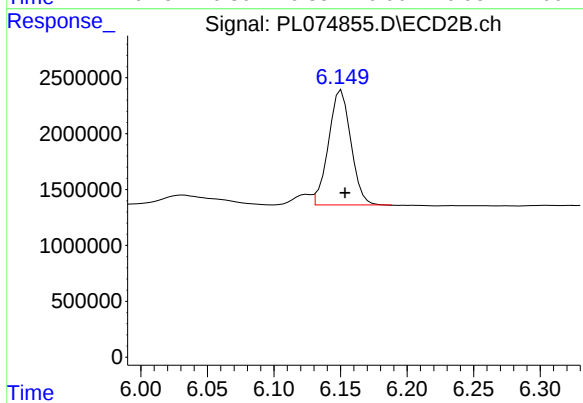
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.004 min
Response: 21675890
Conc: 13.12 ng/ml



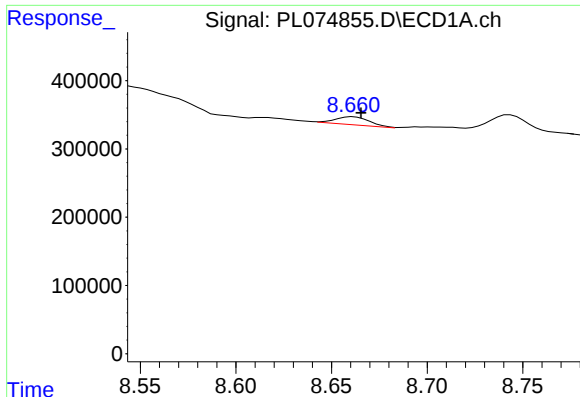
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.002 min
Response: 4034777
Conc: 13.52 ng/ml



#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.004 min
Response: 11897783
Conc: 14.99 ng/ml m



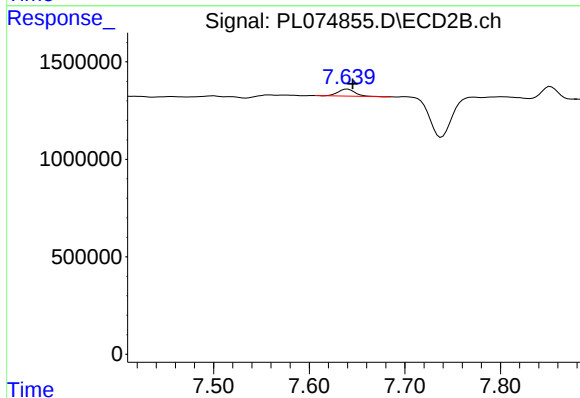
#12 4,4'-DDE

R.T.: 8.660 min
Delta R.T.: -0.005 min
Response: 139048
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

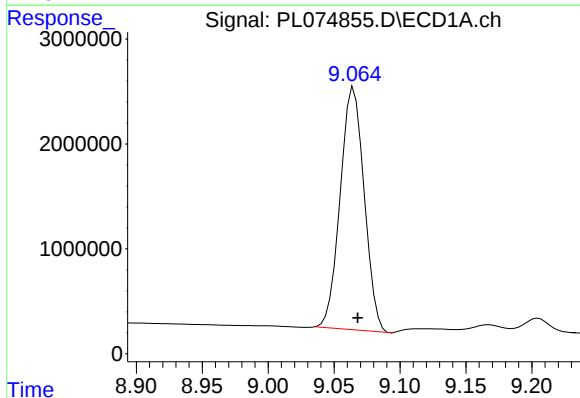
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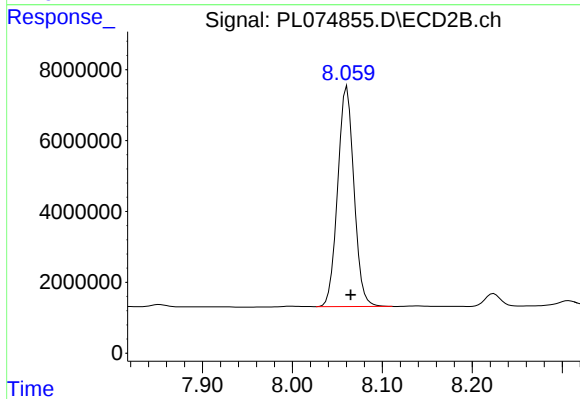
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 437936
Conc: 0.37 ng/ml



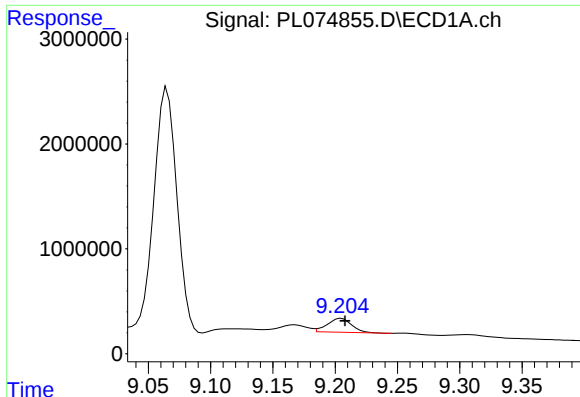
#14 Endrin

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 29225447
Conc: 70.82 ng/ml



#14 Endrin

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 78058630
Conc: 73.90 ng/ml



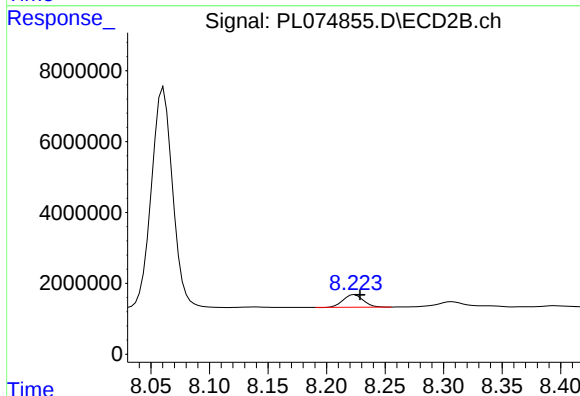
#16 4,4'-DDD

R.T.: 9.205 min
Delta R.T.: -0.003 min
Response: 1793502
Conc: 3.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

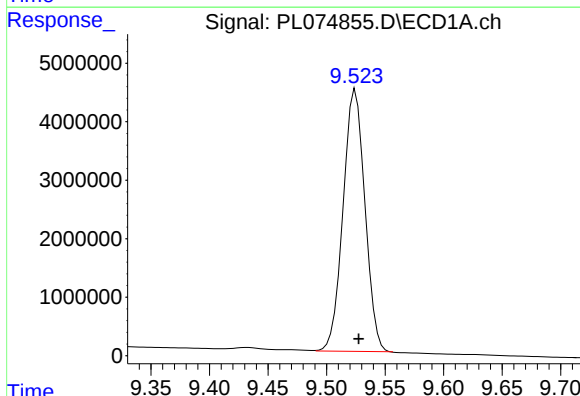
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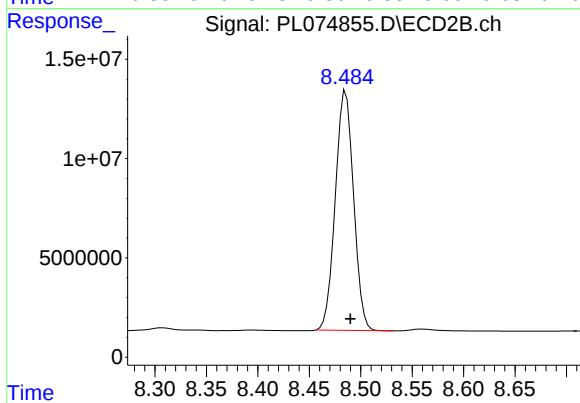
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 4244900
Conc: 4.31 ng/ml



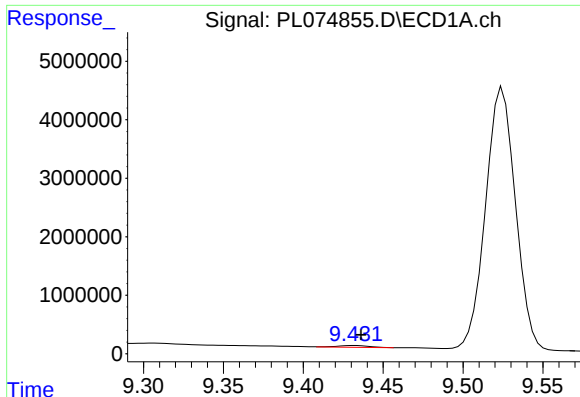
#17 4,4'-DDT

R.T.: 9.523 min
Delta R.T.: -0.004 min
Response: 58252710
Conc: 126.74 ng/ml m



#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.005 min
Response: 148803230
Conc: 148.73 ng/ml



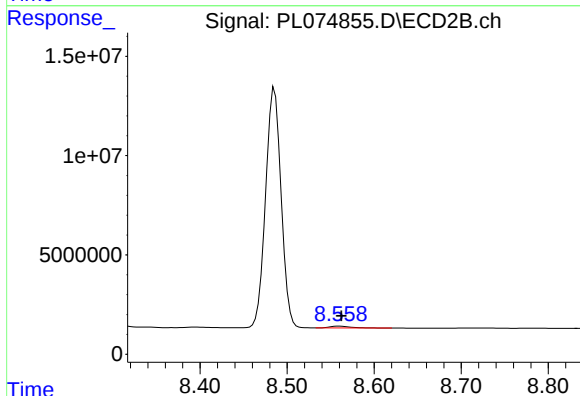
#18 Endrin aldehyde

R.T.: 9.431 min
Delta R.T.: -0.005 min
Response: 425604
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

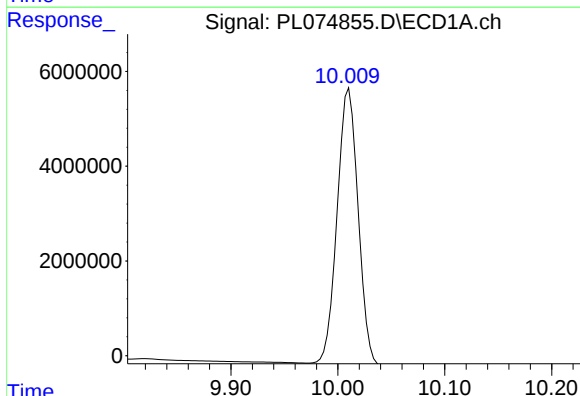
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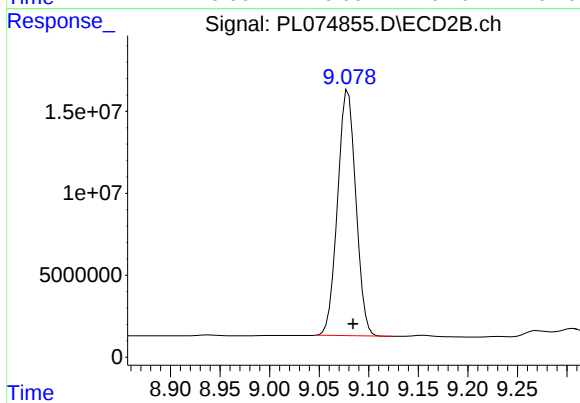
#18 Endrin aldehyde

R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 1454232
Conc: 1.82 ng/ml



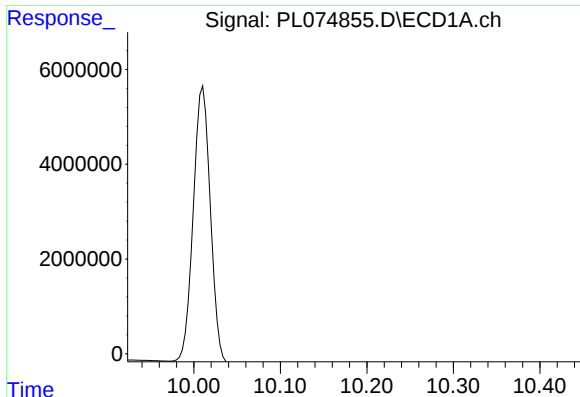
#20 Methoxychlor

R.T.: 10.011 min
Delta R.T.: -0.003 min
Response: 78901107
Conc: 322.16 ng/ml



#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.005 min
Response: 192230586
Conc: 328.94 ng/ml



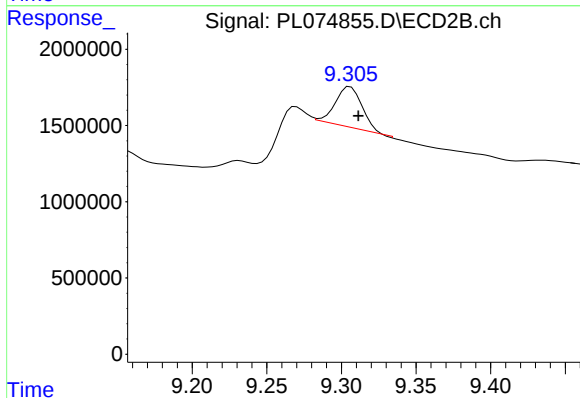
#21 Endrin ketone

R.T.: 10.175 min
Delta R.T.: -0.002 min
Response: 1519875
Conc: 2.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

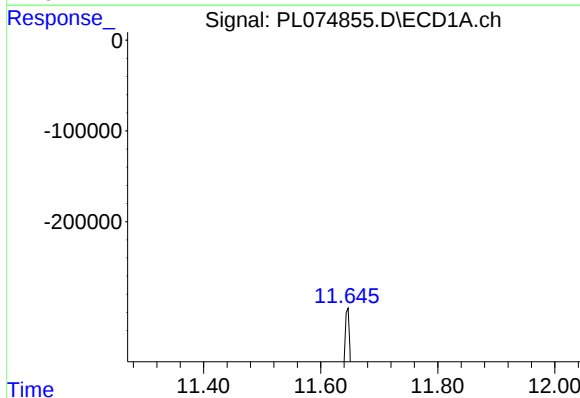
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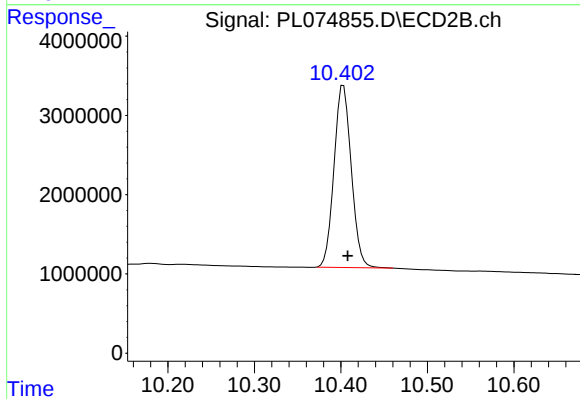
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.007 min
Response: 3247505
Conc: 2.91 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.647 min
Delta R.T.: -0.004 min
Response: 12835779
Conc: 28.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 31726845
Conc: 30.91 ng/ml