

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051822\
 Data File : PL074808.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2022 21:24
 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 03:18:15 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	4.651	11483258	31188174	22.617	22.723
28)	SA Decachlor...	11.646	10.402	11220587	29500113	25.125	28.741
Target Compounds							
2)	A alpha-BHC	6.230	5.353	7143454	18804616	10.441	11.174
3)	MA gamma-BHC...	6.628	5.774	6937923	19458815	10.748	11.776
6)	B beta-BHC	6.879	6.151	3620888	10774386	12.132	13.570
12)	B 4,4'-DDE	8.662	7.638	91876	210138	0.198m	0.179m
14)	MA Endrin	9.065	8.060	25919020	68492556	62.809	64.842
16)	A 4,4'-DDD	9.205	8.224	309254	1064991	0.684m	1.081 #
17)	MA 4,4'-DDT	9.523	8.486	52365178	132.9E6	113.929m	132.823
18)	B Endrin al...	9.432	8.563	253627	893410	0.717m	1.119 #
20)	A Methoxychlor	10.010	9.079	72055371	183.9E6	294.208	314.723
21)	B Endrin ke...	10.175	9.305	978244	1768010	1.908	1.586m

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

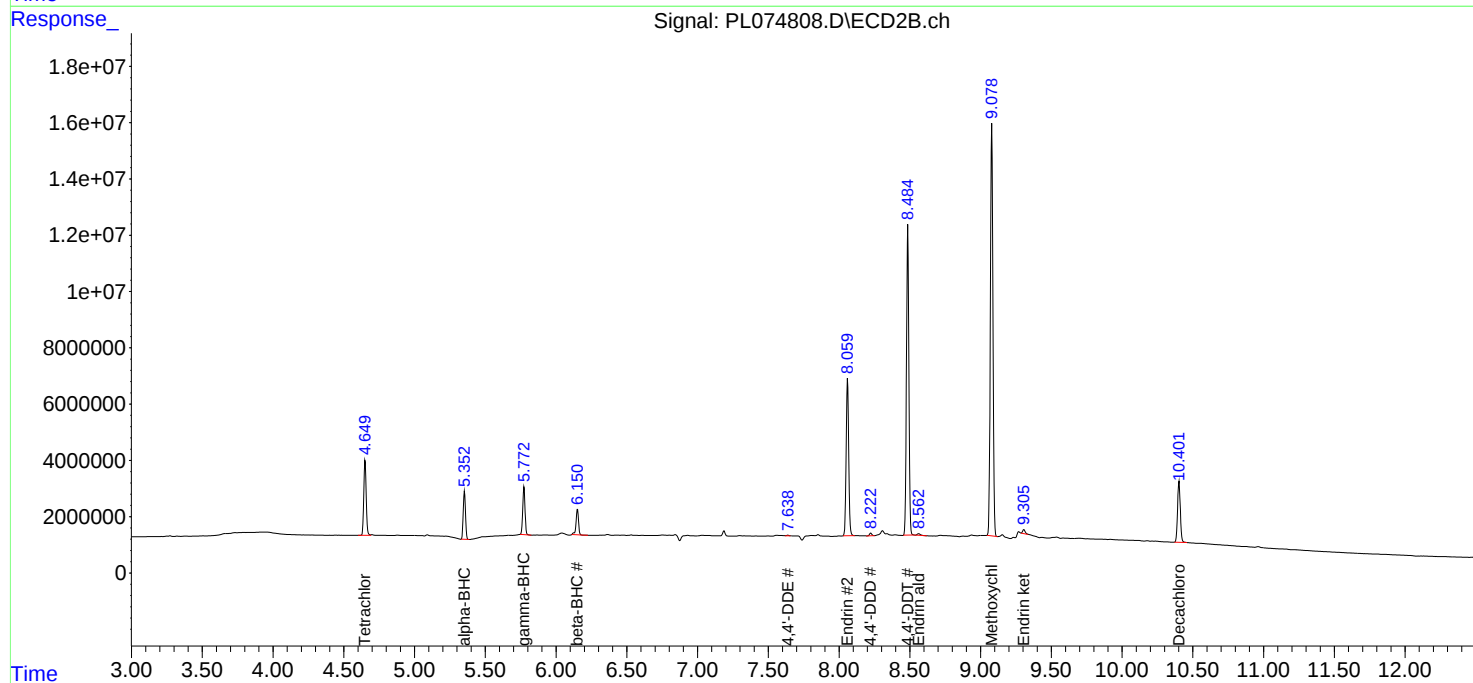
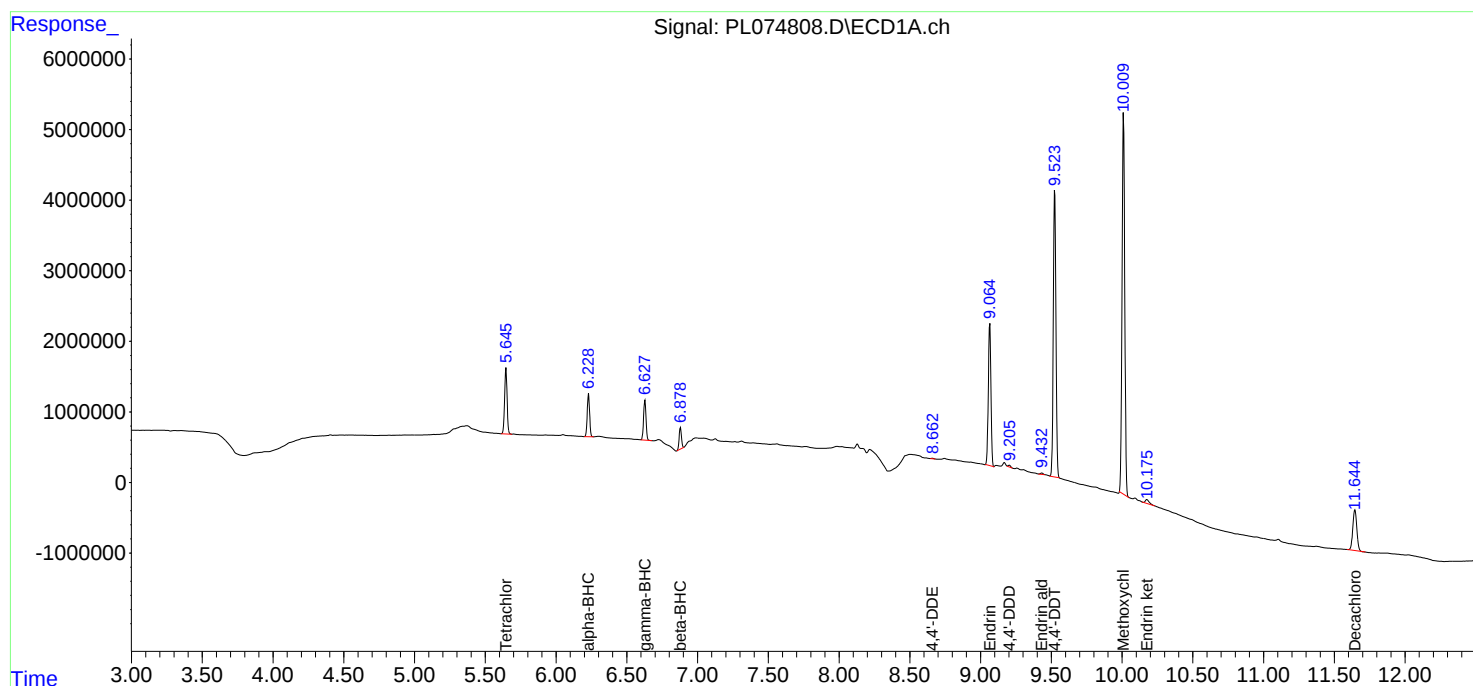
Instrument :
ECD_L
ClientSampleId :
PEM

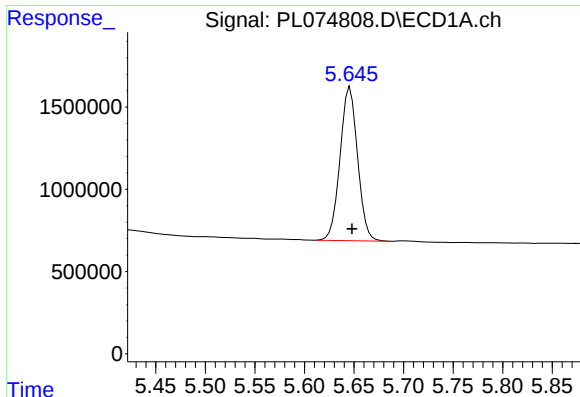
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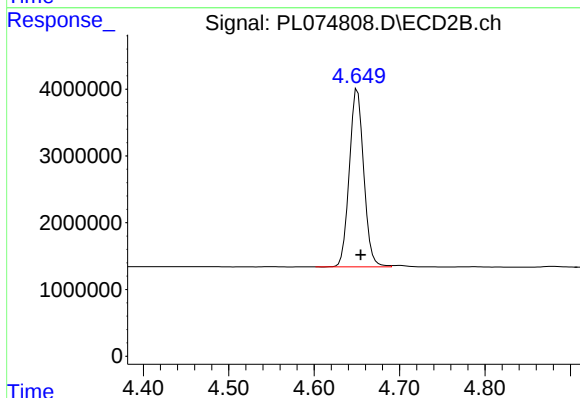
#1 Tetrachloro-m-xylene

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 11483258
Conc: 22.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

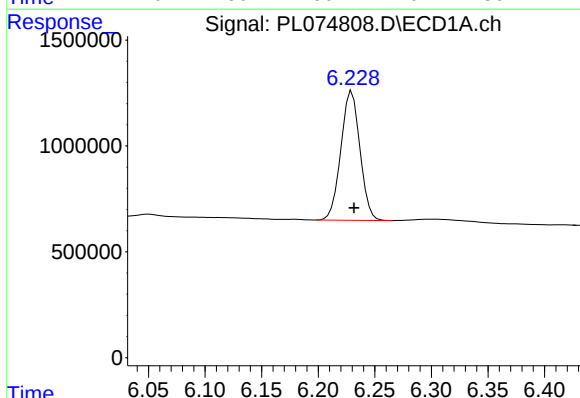
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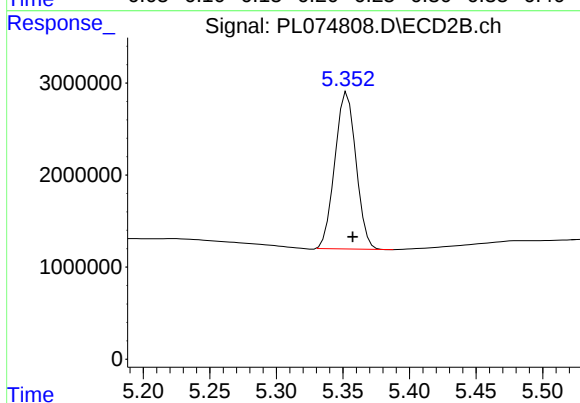
#1 Tetrachloro-m-xylene

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 31188174
Conc: 22.72 ng/ml



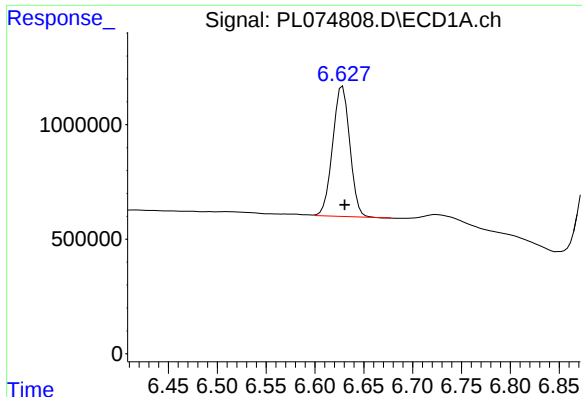
#2 alpha-BHC

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 7143454
Conc: 10.44 ng/ml



#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: -0.004 min
Response: 18804616
Conc: 11.17 ng/ml



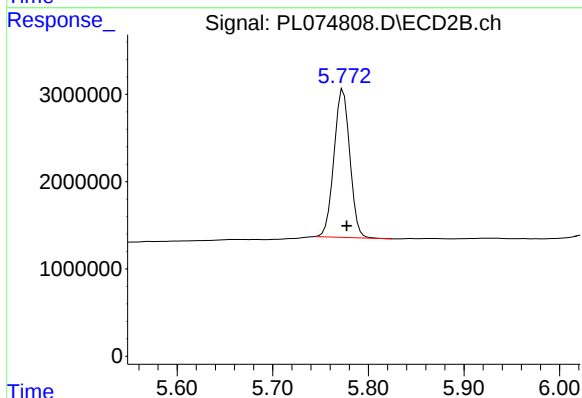
#3 gamma-BHC (Lindane)

R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 6937923
Conc: 10.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

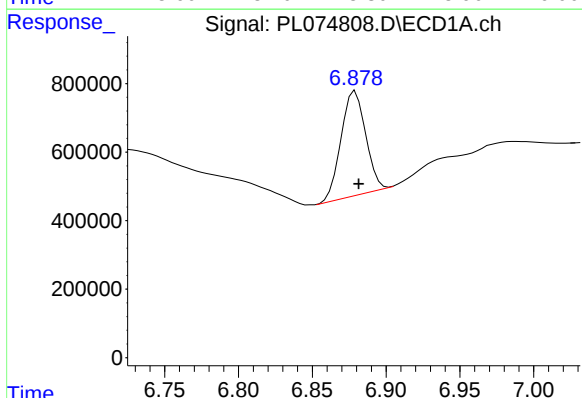
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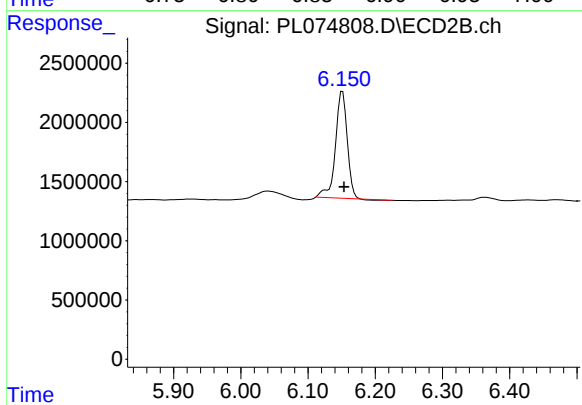
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 19458815
Conc: 11.78 ng/ml



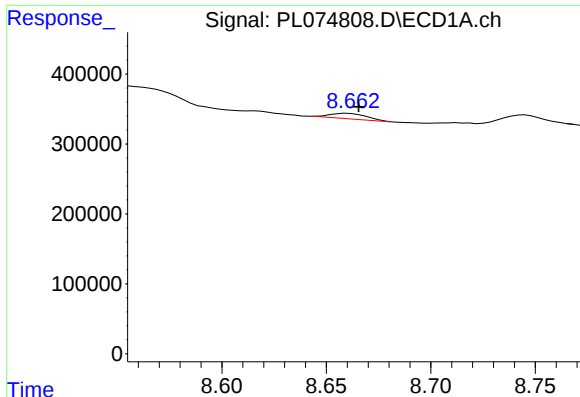
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.002 min
Response: 3620888
Conc: 12.13 ng/ml



#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.002 min
Response: 10774386
Conc: 13.57 ng/ml



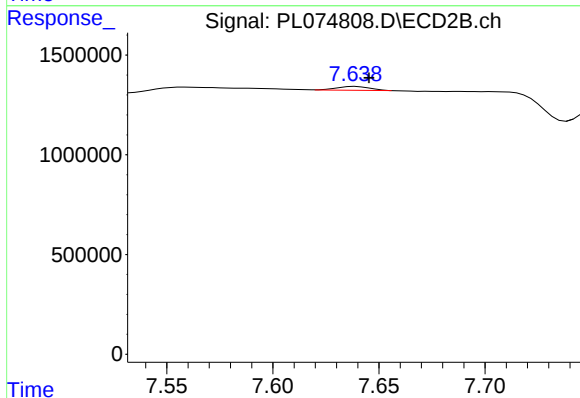
#12 4,4'-DDE

R.T.: 8.662 min
Delta R.T.: -0.004 min
Response: 91876
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

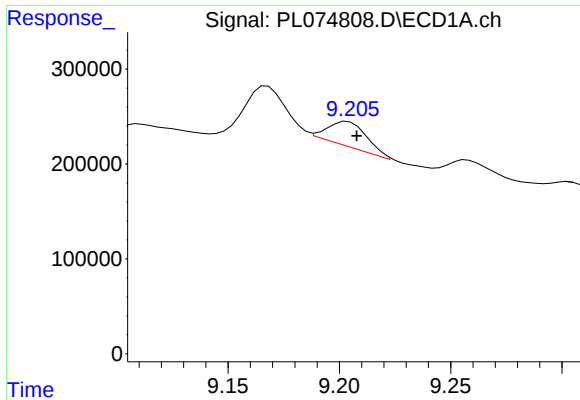
R.T.: 7.638 min
Delta R.T.: -0.008 min
Response: 210138
Conc: 0.18 ng/ml m

#14 Endrin

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 25919020
Conc: 62.81 ng/ml

#14 Endrin

R.T.: 8.060 min
Delta R.T.: -0.005 min
Response: 68492556
Conc: 64.84 ng/ml



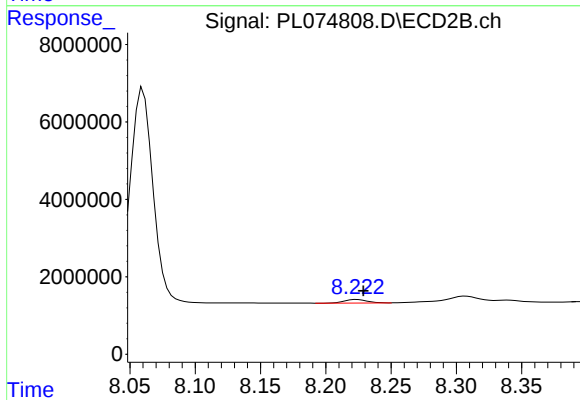
#16 4,4'-DDD

R.T.: 9.205 min
Delta R.T.: -0.003 min
Response: 309254
Conc: 0.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

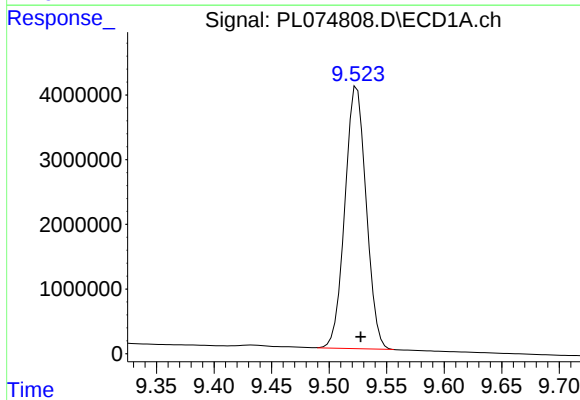
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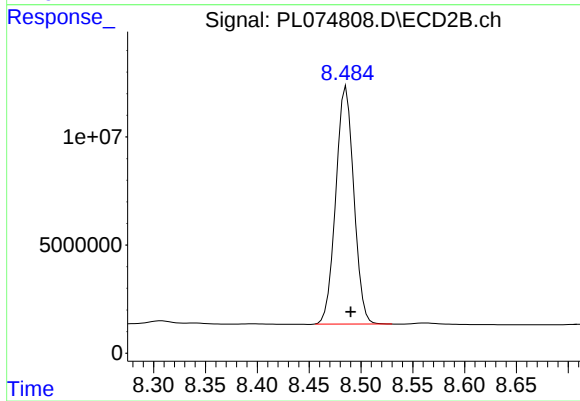
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 1064991
Conc: 1.08 ng/ml



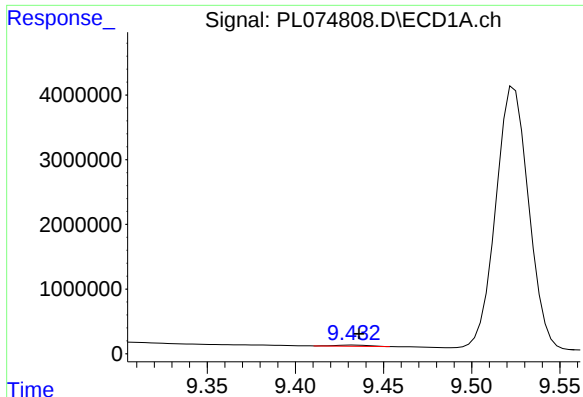
#17 4,4'-DDT

R.T.: 9.523 min
Delta R.T.: -0.005 min
Response: 52365178
Conc: 113.93 ng/ml m



#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.004 min
Response: 132891897
Conc: 132.82 ng/ml



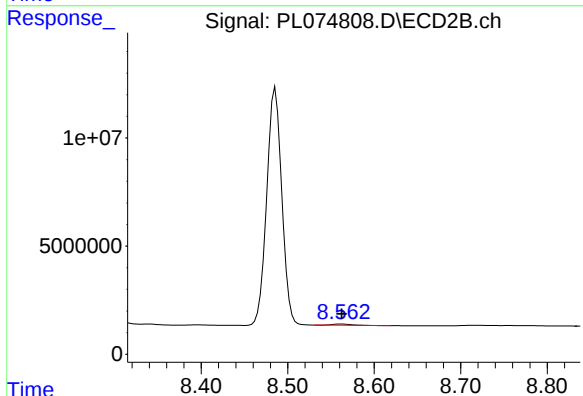
#18 Endrin aldehyde

R.T.: 9.432 min
Delta R.T.: -0.005 min
Response: 253627
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

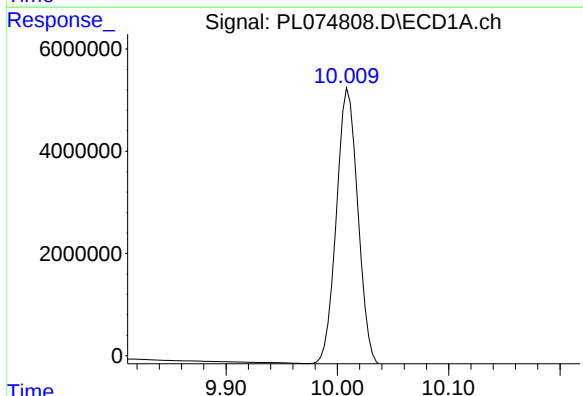
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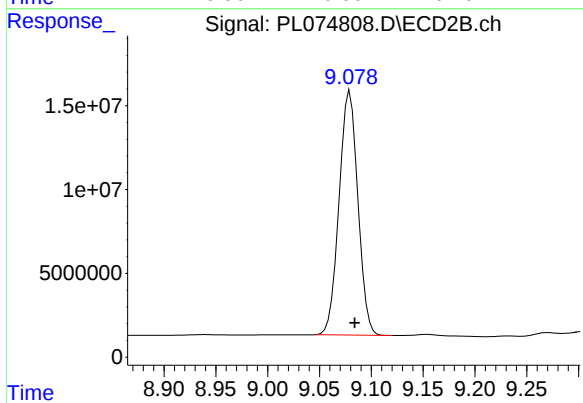
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 893410
Conc: 1.12 ng/ml



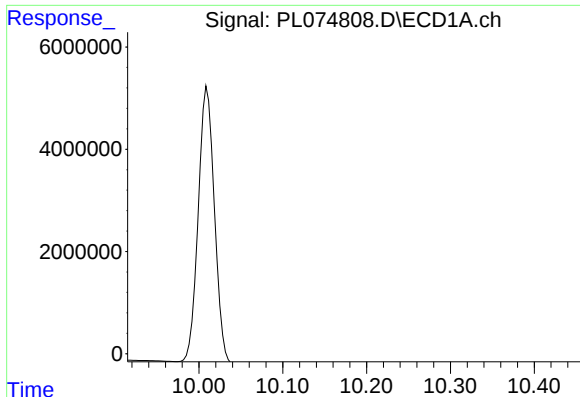
#20 Methoxychlor

R.T.: 10.010 min
Delta R.T.: -0.003 min
Response: 72055371
Conc: 294.21 ng/ml



#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.005 min
Response: 183921737
Conc: 314.72 ng/ml



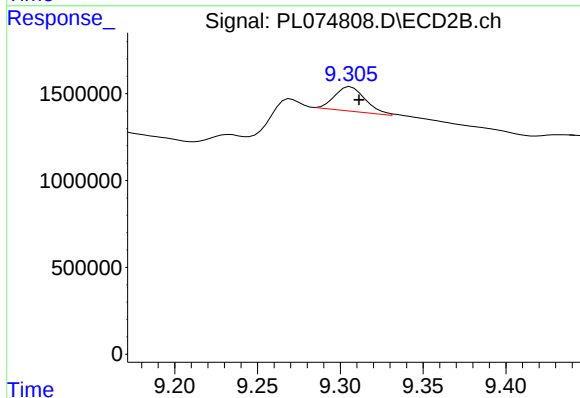
#21 Endrin ketone

R.T.: 10.175 min
Delta R.T.: -0.002 min
Response: 978244
Conc: 1.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

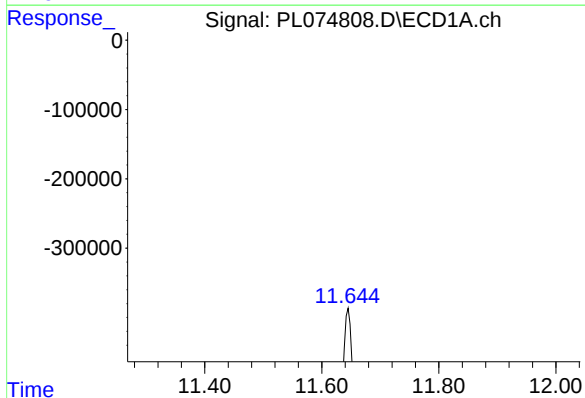
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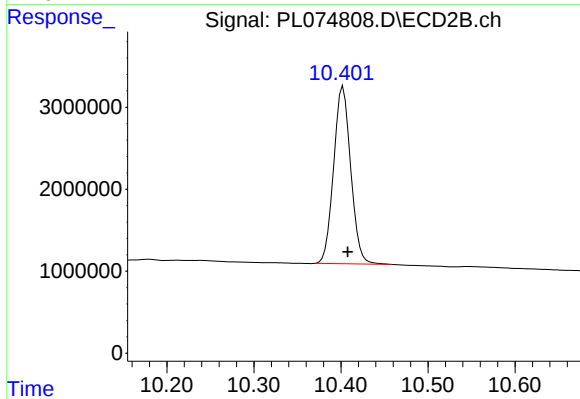
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.007 min
Response: 1768010
Conc: 1.59 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.646 min
Delta R.T.: -0.005 min
Response: 11220587
Conc: 25.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.005 min
Response: 29500113
Conc: 28.74 ng/ml