

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022122\
 Data File : PL072832.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2022 09:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/22/2022
 Supervised By : Ankita Jodhani 02/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 02:24:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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...	4.554	5.490	9459620	34120472	19.646	19.753
28)	SA Decachlor...	10.313	11.380	16112430	34217618	21.283	21.578
Target Compounds							
2)	A alpha-BHC	5.260	6.071	5738400	21981402	8.703	9.179
3)	MA gamma-BHC...	5.683	6.467	5660402	21174585	9.006	9.196
6)	B beta-BHC	6.066	6.727	3249088	11815032	13.112m	11.590
12)	B 4,4'-DDE	7.551	8.490	293735	875057	0.483	0.468m
14)	MA Endrin	7.969	8.883	27846034	74213863	47.534	47.101
16)	A 4,4'-DDD	8.137	9.031	2593359	8161213	5.391	5.898
17)	MA 4,4'-DDT	8.397	9.348	55218701	148.9E6	102.621	97.240
18)	B Endrin al...	8.471	9.254	1055441	2096891	2.421	1.863m
20)	A Methoxychlor	8.994	9.836	75358410	181.9E6	214.315	224.692
21)	B Endrin ke...	9.219	9.989	3180839	6335618	4.628	3.976

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

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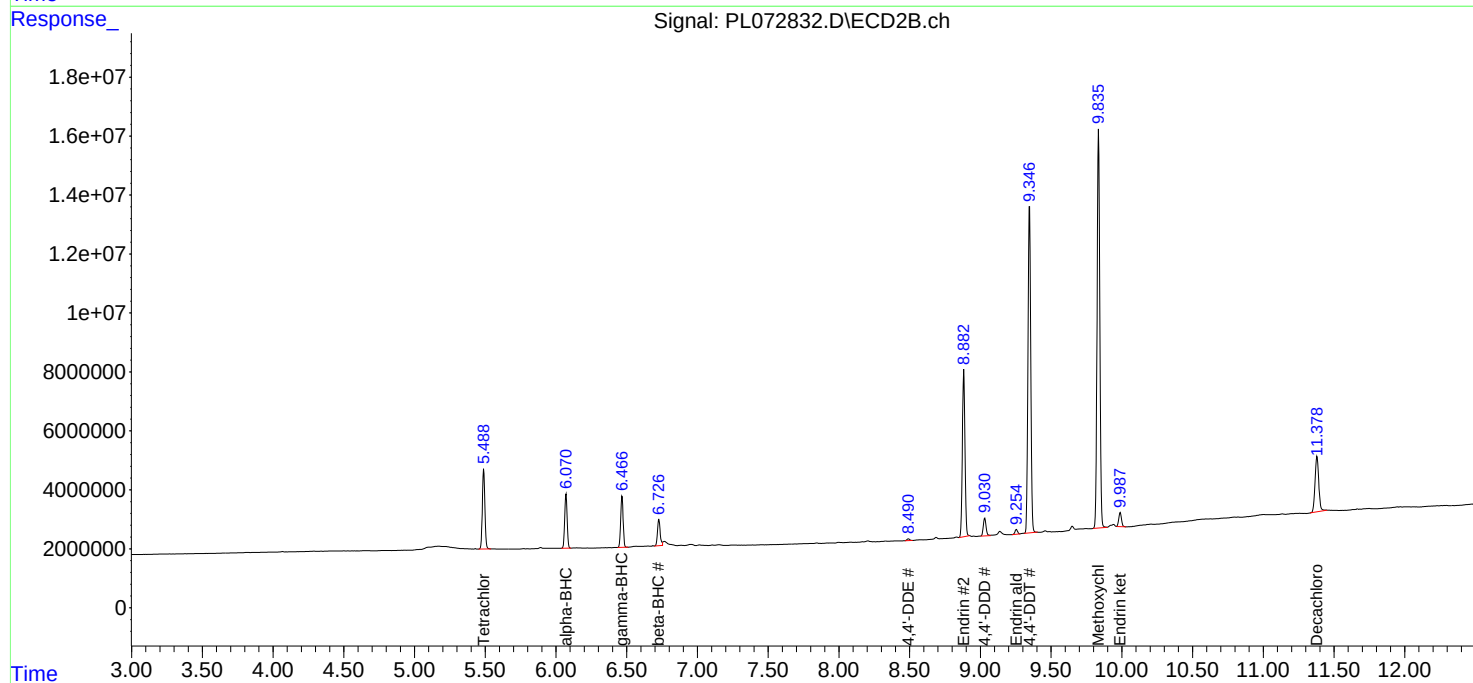
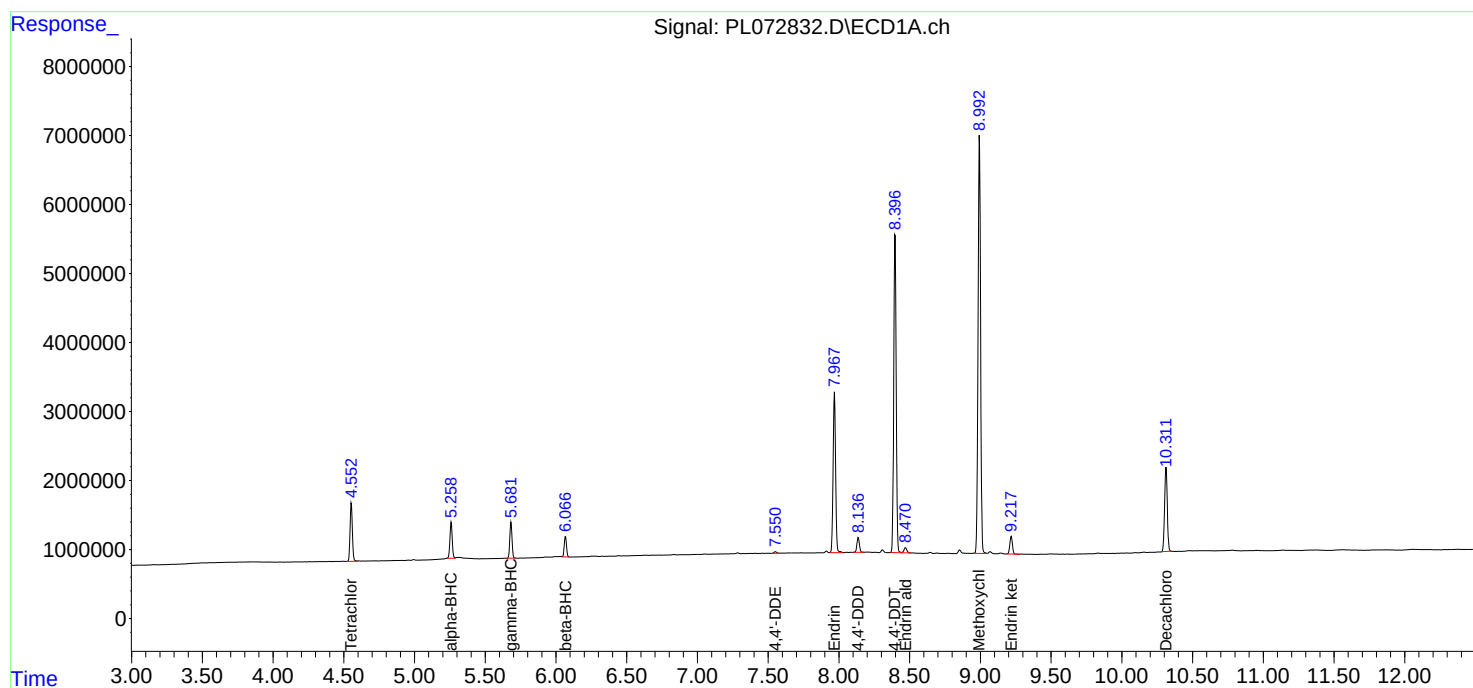
Instrument :
ECD_L
ClientSampleId :
PEM

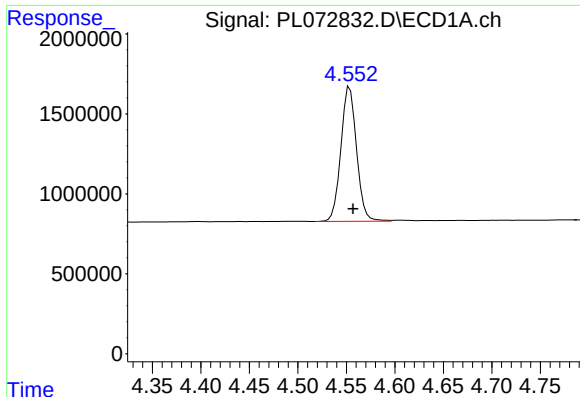
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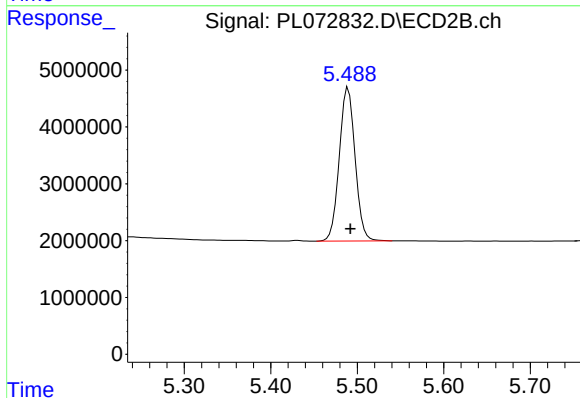
#1 Tetrachloro-m-xylene

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 9459620
Conc: 19.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

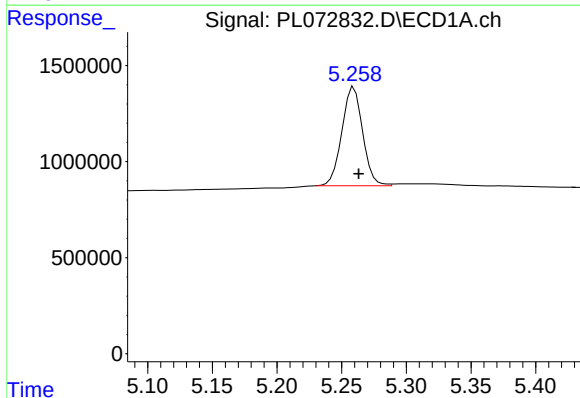
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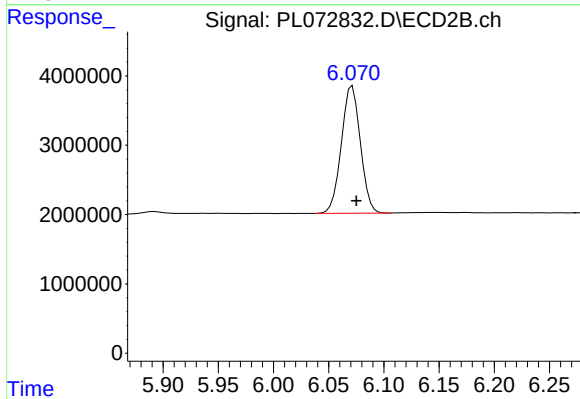
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 34120472
Conc: 19.75 ng/ml



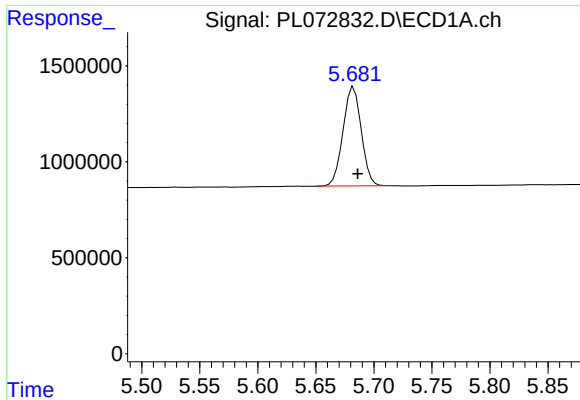
#2 alpha-BHC

R.T.: 5.260 min
Delta R.T.: -0.004 min
Response: 5738400
Conc: 8.70 ng/ml



#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 21981402
Conc: 9.18 ng/ml



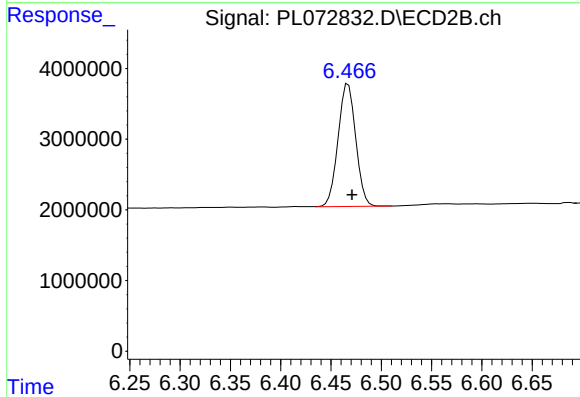
#3 gamma-BHC (Lindane)

R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 5660402
Conc: 9.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

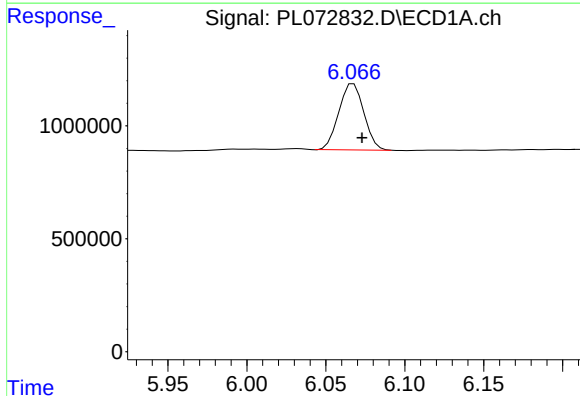
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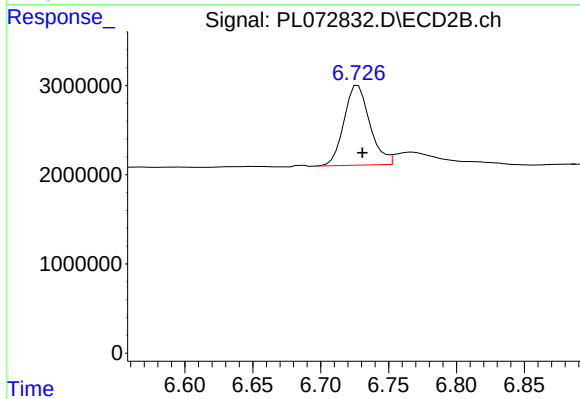
#3 gamma-BHC (Lindane)

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 21174585
Conc: 9.20 ng/ml



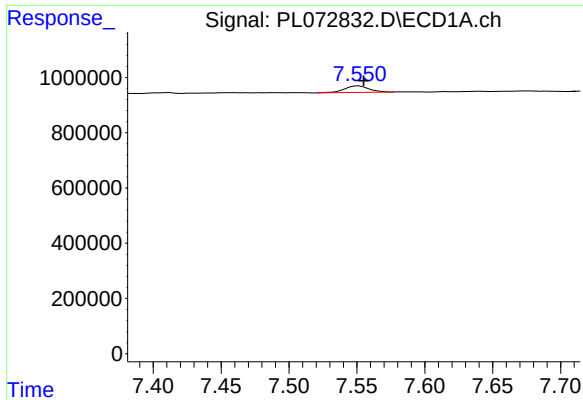
#6 beta-BHC

R.T.: 6.066 min
Delta R.T.: -0.007 min
Response: 3249088
Conc: 13.11 ng/ml m



#6 beta-BHC

R.T.: 6.727 min
Delta R.T.: -0.003 min
Response: 11815032
Conc: 11.59 ng/ml



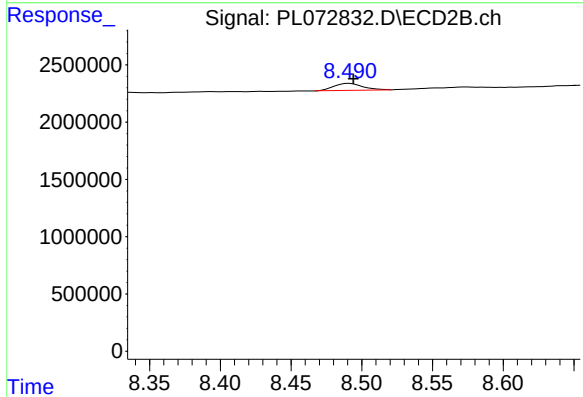
#12 4,4'-DDE

R.T.: 7.551 min
Delta R.T.: -0.004 min
Response: 293735
Conc: 0.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

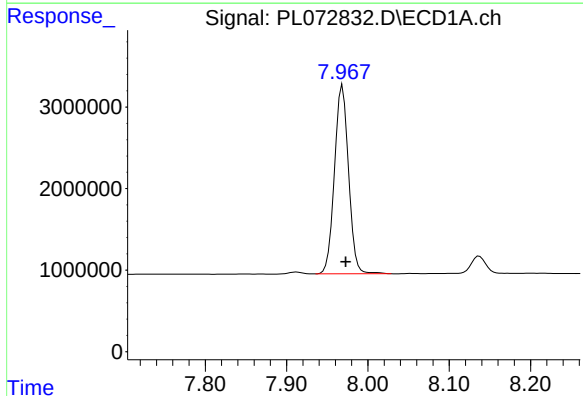
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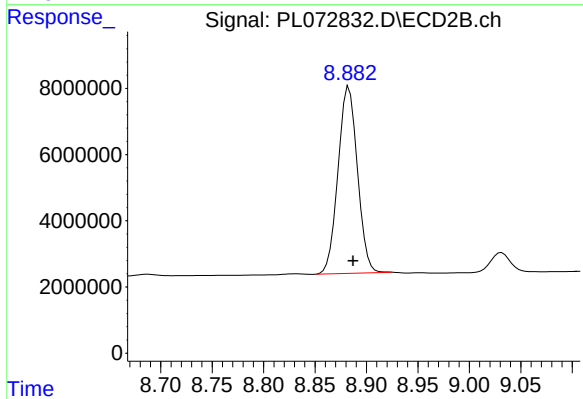
#12 4,4'-DDE

R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 875057
Conc: 0.47 ng/ml m



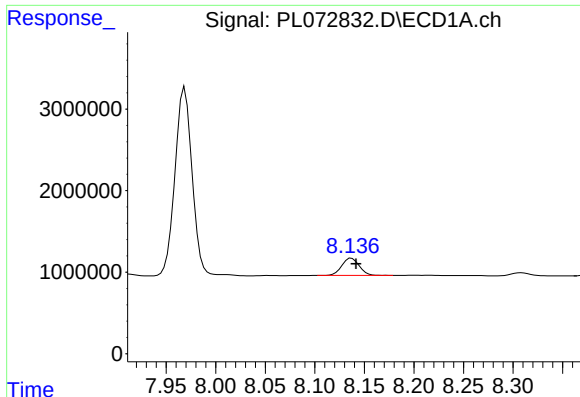
#14 Endrin

R.T.: 7.969 min
Delta R.T.: -0.004 min
Response: 27846034
Conc: 47.53 ng/ml



#14 Endrin

R.T.: 8.883 min
Delta R.T.: -0.004 min
Response: 74213863
Conc: 47.10 ng/ml



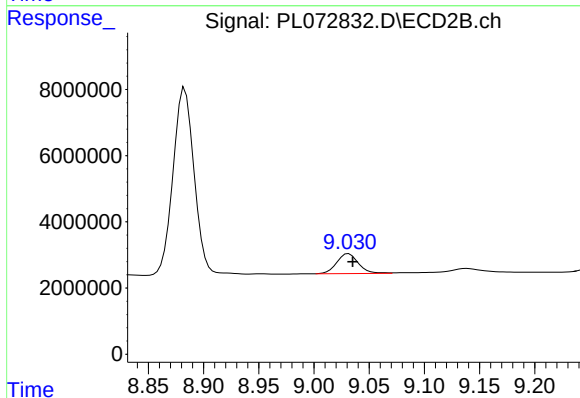
#16 4,4'-DDD

R.T.: 8.137 min
Delta R.T.: -0.004 min
Response: 2593359
Conc: 5.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

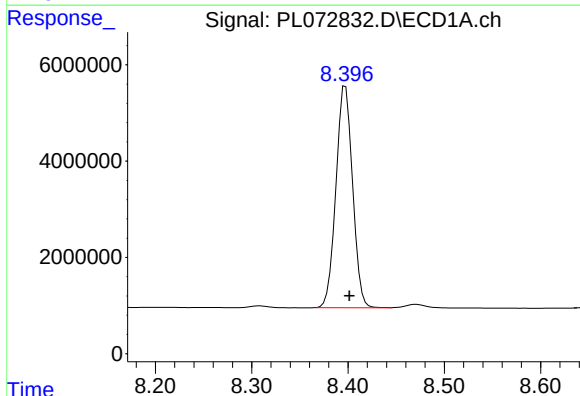
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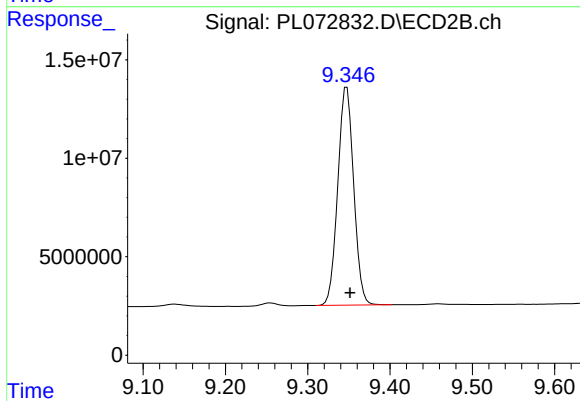
#16 4,4'-DDD

R.T.: 9.031 min
Delta R.T.: -0.004 min
Response: 8161213
Conc: 5.90 ng/ml



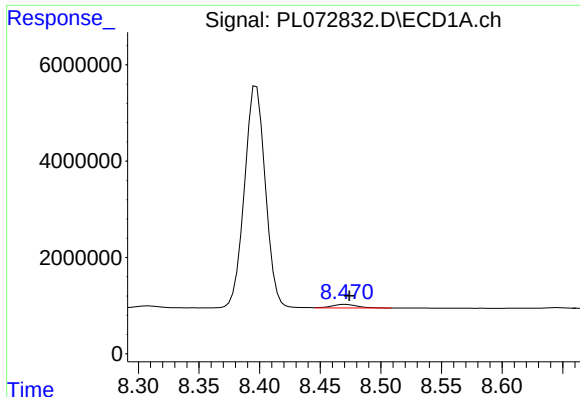
#17 4,4'-DDT

R.T.: 8.397 min
Delta R.T.: -0.004 min
Response: 55218701
Conc: 102.62 ng/ml



#17 4,4'-DDT

R.T.: 9.348 min
Delta R.T.: -0.004 min
Response: 148860425
Conc: 97.24 ng/ml



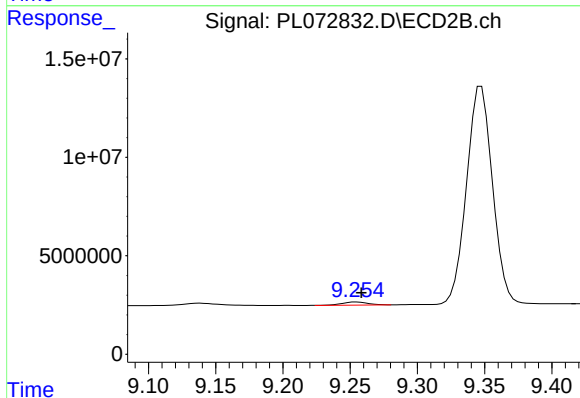
#18 Endrin aldehyde

R.T.: 8.471 min
Delta R.T.: -0.003 min
Response: 1055441
Conc: 2.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

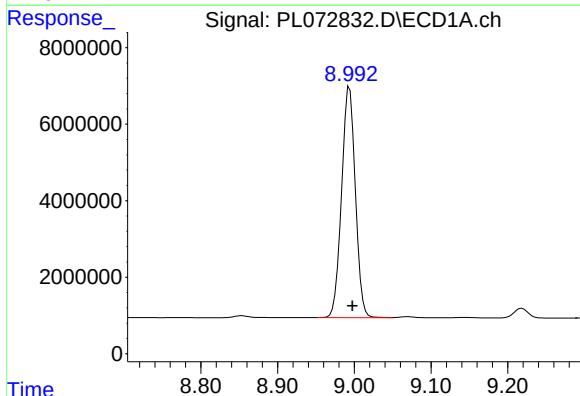
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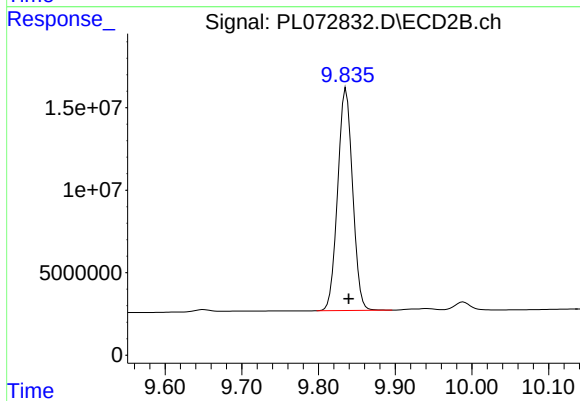
#18 Endrin aldehyde

R.T.: 9.254 min
Delta R.T.: -0.005 min
Response: 2096891
Conc: 1.86 ng/ml m



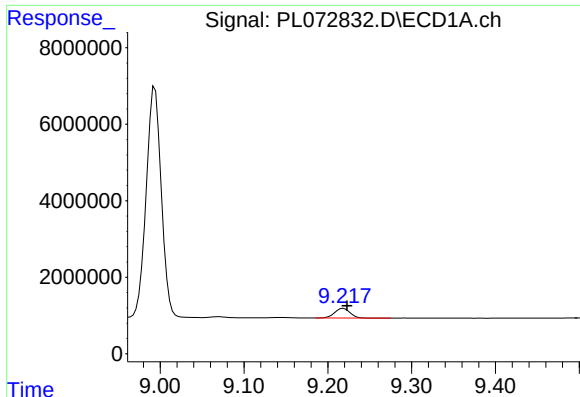
#20 Methoxychlor

R.T.: 8.994 min
Delta R.T.: -0.004 min
Response: 75358410
Conc: 214.32 ng/ml



#20 Methoxychlor

R.T.: 9.836 min
Delta R.T.: -0.003 min
Response: 181923069
Conc: 224.69 ng/ml



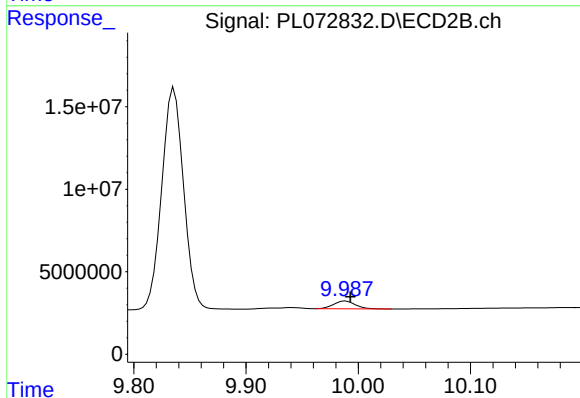
#21 Endrin ketone

R.T.: 9.219 min
Delta R.T.: -0.005 min
Response: 3180839
Conc: 4.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

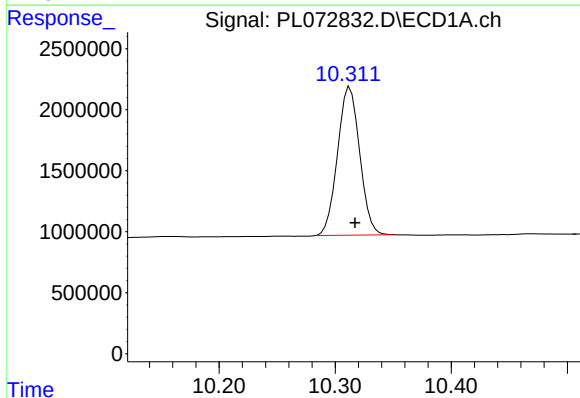
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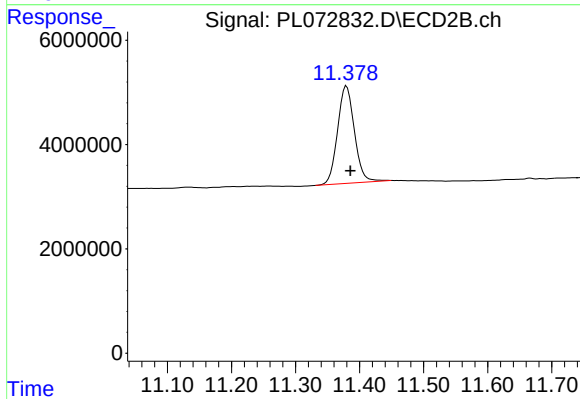
#21 Endrin ketone

R.T.: 9.989 min
Delta R.T.: -0.004 min
Response: 6335618
Conc: 3.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.313 min
Delta R.T.: -0.004 min
Response: 16112430
Conc: 21.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.380 min
Delta R.T.: -0.006 min
Response: 34217618
Conc: 21.58 ng/ml