

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072321\
 Data File : PL068418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2021 09:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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mohammad
 7/27/2021 8:10:14 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 04:52:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 2021
 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...	4.644	5.571	9681127	20427898	22.557	20.019
28)	SA Decachlor...	10.419	11.492	13379694	19511541	23.789	21.874
Target Compounds							
2)	A alpha-BHC	5.351	6.151	5841158	12618505	9.978	9.281
3)	MA gamma-BHC...	5.774	6.547	6134379	12201278	10.792	9.457
6)	B beta-BHC	6.153	6.799	3941749	6767751	13.470	9.580 #
12)	B 4,4'-DDE	7.647	8.567	88999	152206	0.177m	0.148m
14)	MA Endrin	8.069	8.967	29084626	45606217	58.158	51.004
16)	A 4,4'-DDD	8.235	9.109	795792	1114933	1.782	1.309 #
17)	MA 4,4'-DDT	8.496	9.428	57290121	92316515	114.216	97.809
18)	B Endrin al...	8.571	9.334	216546	202495	0.547m	0.281m#
20)	A Methoxychlor	9.091	9.912	78996147	118.6E6	252.539	233.444
21)	B Endrin ke...	9.314	10.071	1378436	971983	2.328m	0.975 #

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

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ALS Vial : 3 Sample Multiplier: 1

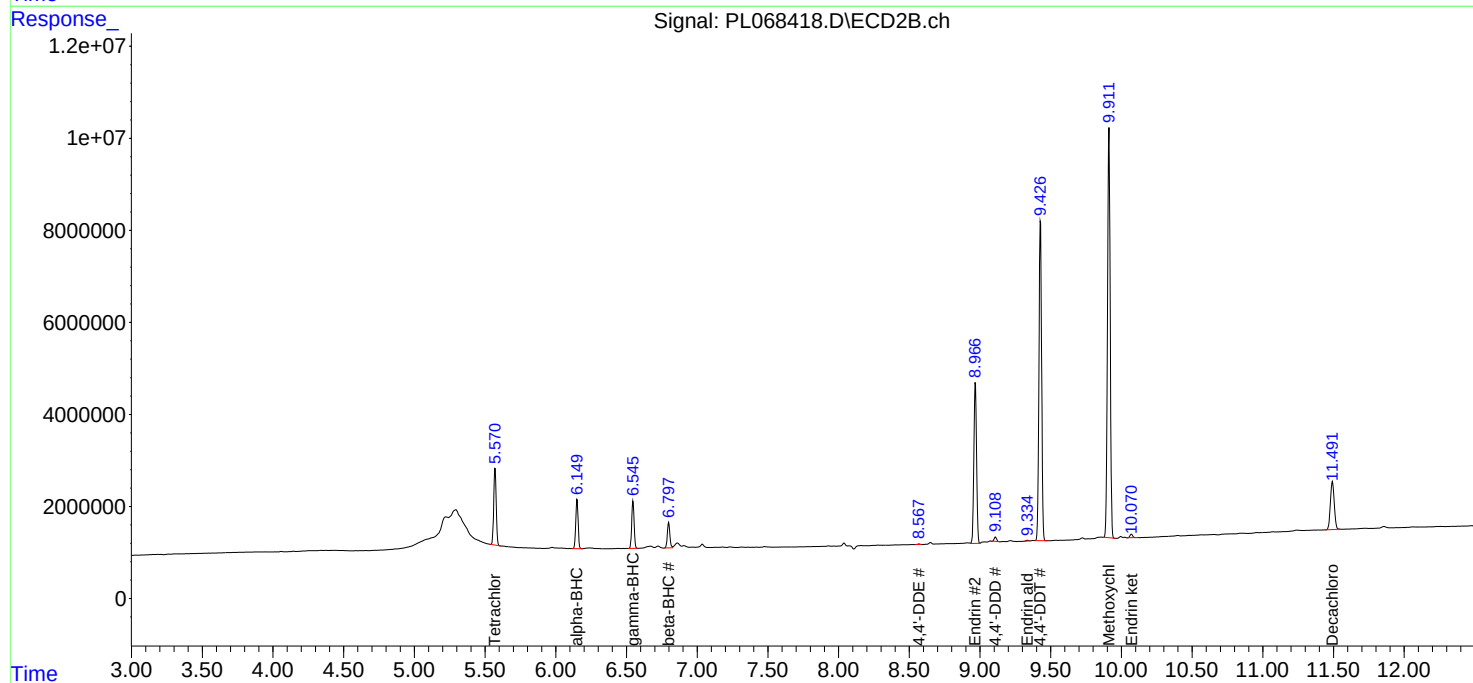
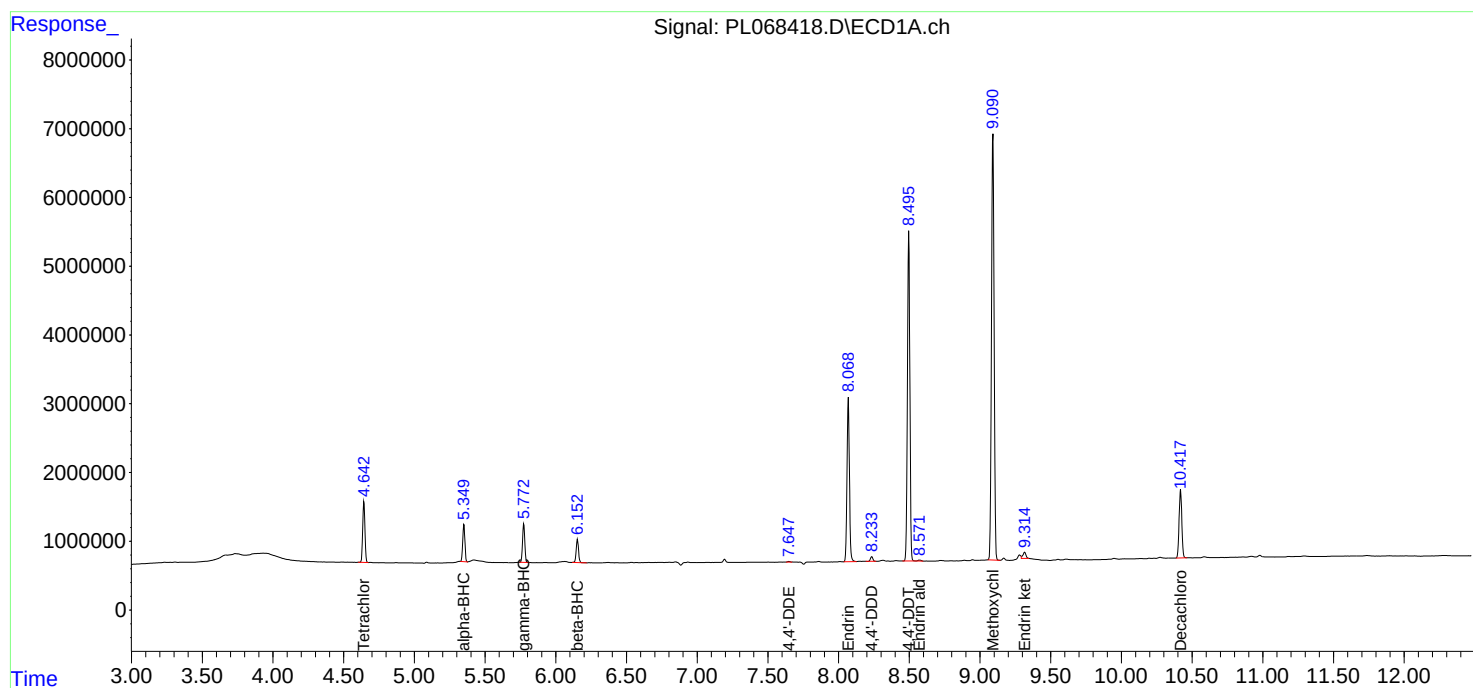
Instrument :
ECD_L
ClientSampleId :
PEM

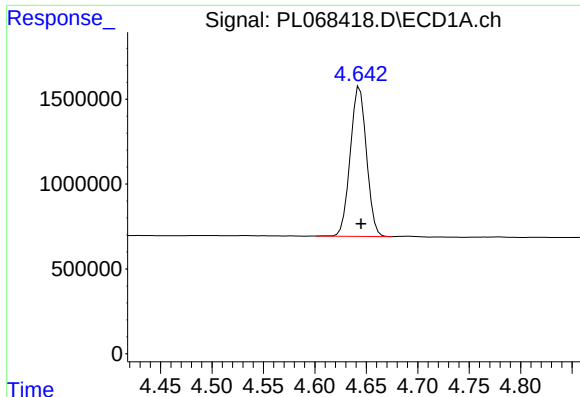
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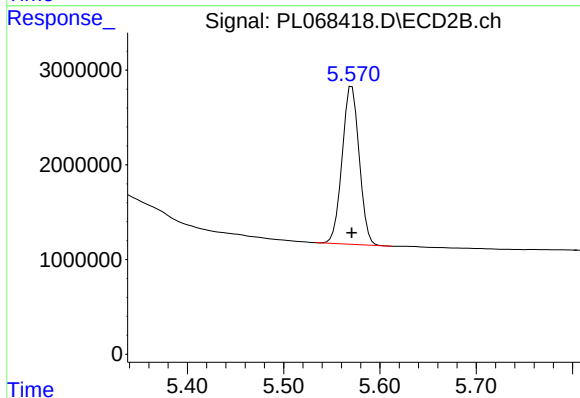
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: -0.001 min
Response: 9681127
Conc: 22.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

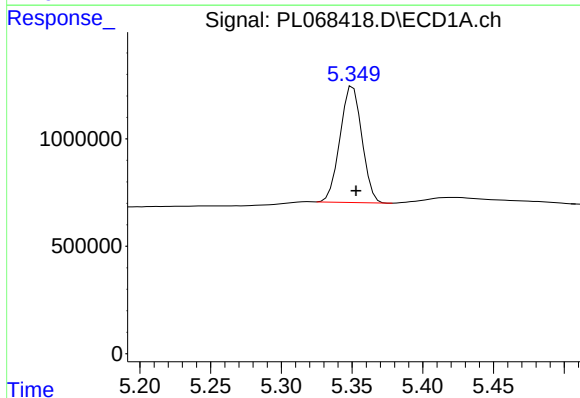
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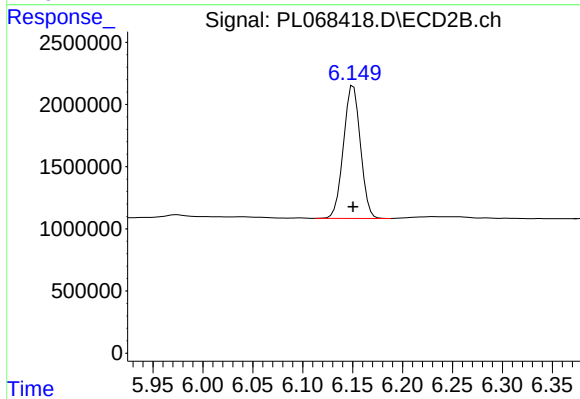
#1 Tetrachloro-m-xylene

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 20427898
Conc: 20.02 ng/ml



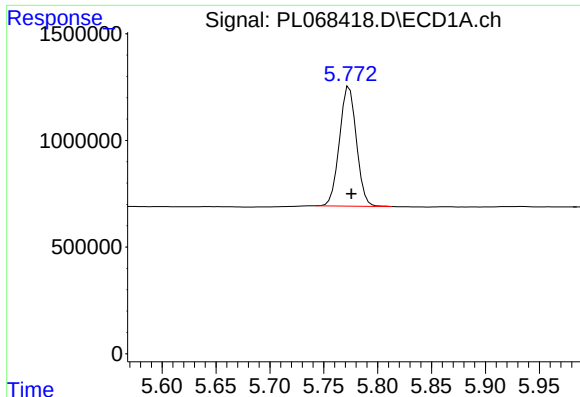
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: -0.002 min
Response: 5841158
Conc: 9.98 ng/ml



#2 alpha-BHC

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 12618505
Conc: 9.28 ng/ml



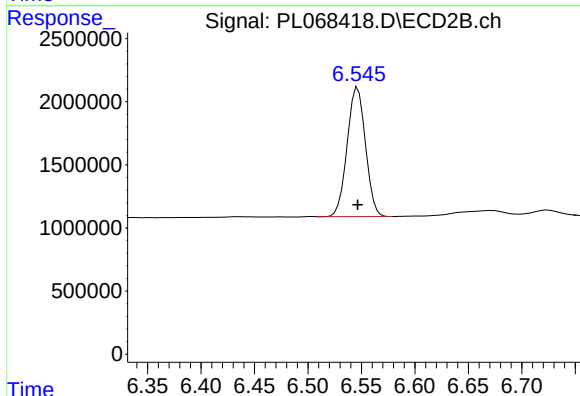
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.002 min
Response: 6134379
Conc: 10.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

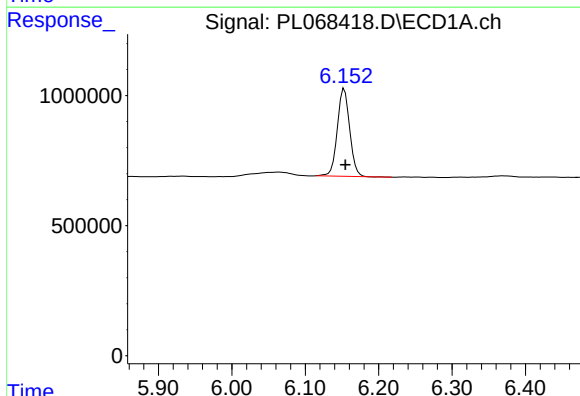
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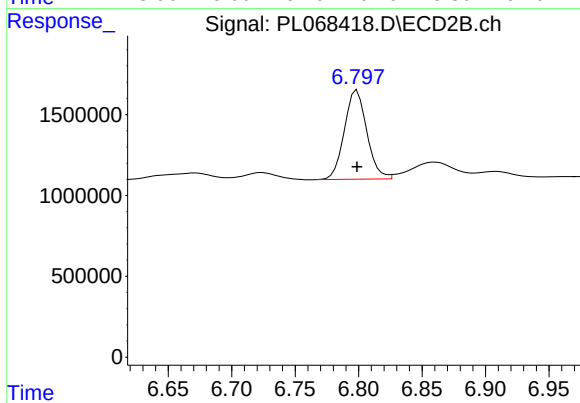
#3 gamma-BHC (Lindane)

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 12201278
Conc: 9.46 ng/ml



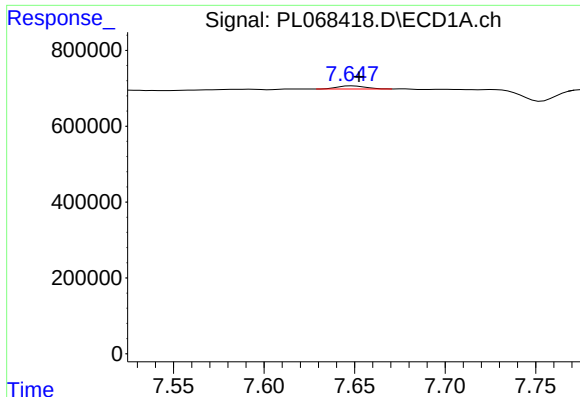
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 3941749
Conc: 13.47 ng/ml



#6 beta-BHC

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 6767751
Conc: 9.58 ng/ml



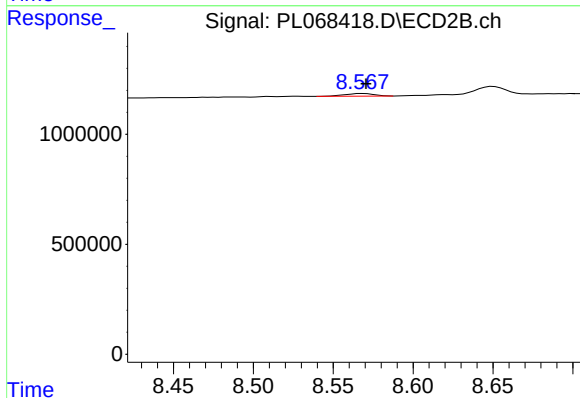
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.005 min
Response: 88999
Conc: 0.18 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

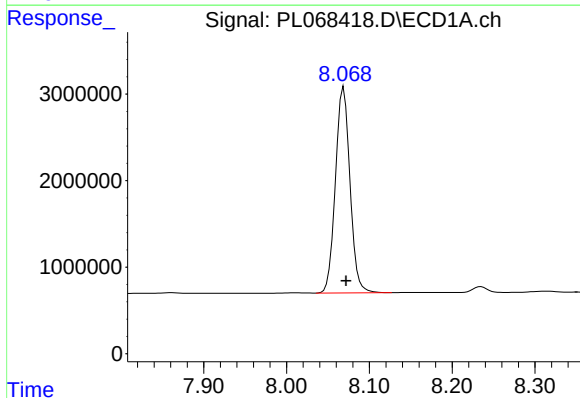
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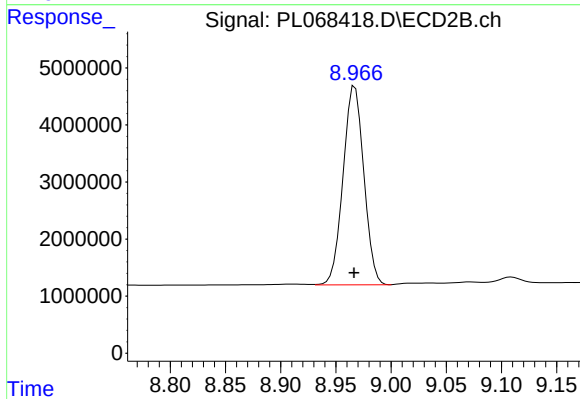
#12 4,4'-DDE

R.T.: 8.567 min
Delta R.T.: -0.004 min
Response: 152206
Conc: 0.15 ng/ml m



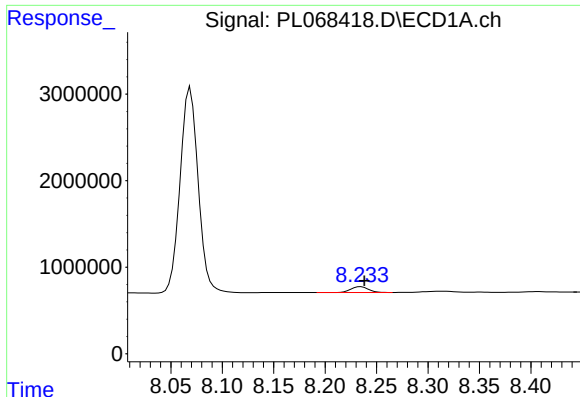
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.003 min
Response: 29084626
Conc: 58.16 ng/ml



#14 Endrin

R.T.: 8.967 min
Delta R.T.: 0.000 min
Response: 45606217
Conc: 51.00 ng/ml



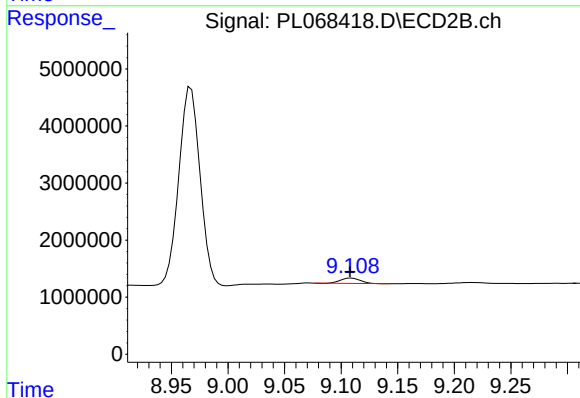
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.003 min
Response: 795792
Conc: 1.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

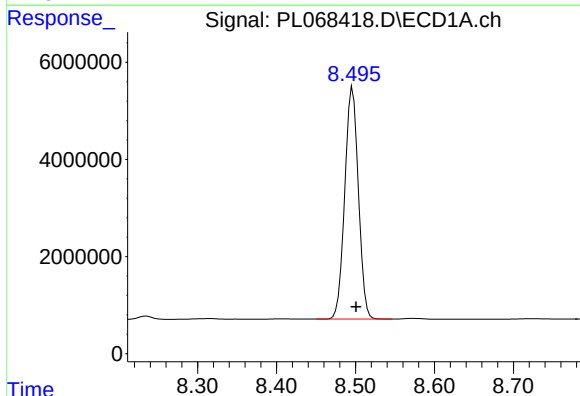
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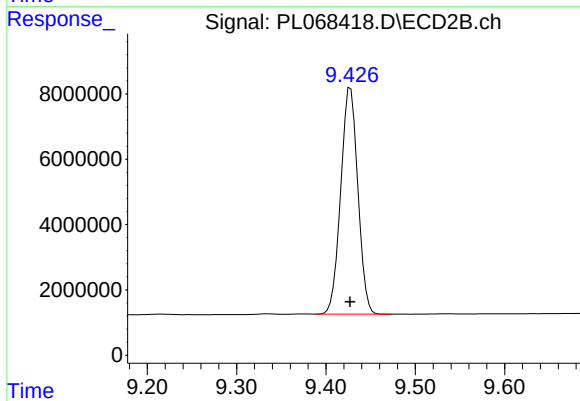
#16 4,4'-DDD

R.T.: 9.109 min
Delta R.T.: 0.001 min
Response: 1114933
Conc: 1.31 ng/ml



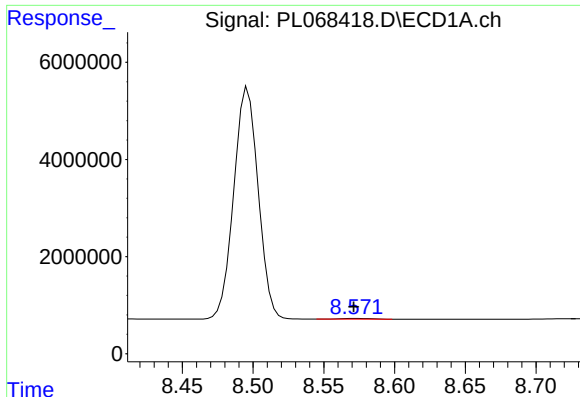
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 57290121
Conc: 114.22 ng/ml



#17 4,4'-DDT

R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 92316515
Conc: 97.81 ng/ml



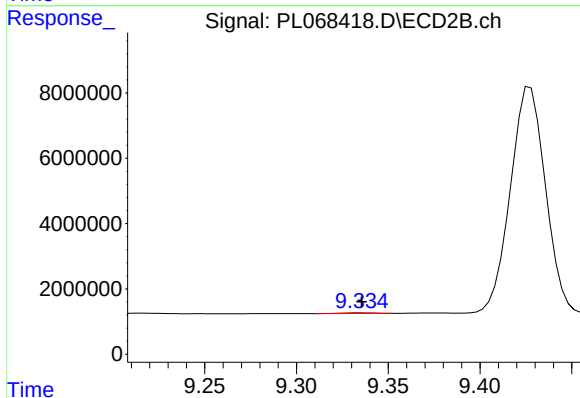
#18 Endrin aldehyde

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 216546
Conc: 0.55 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

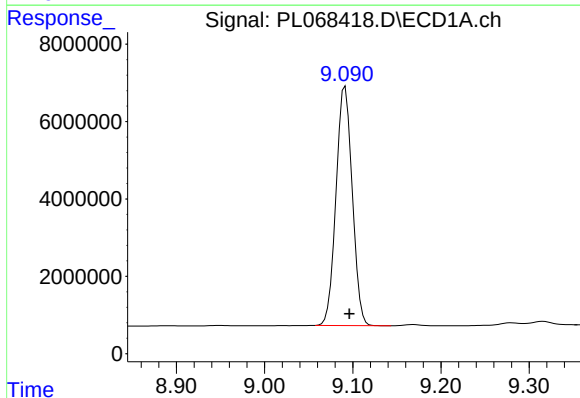
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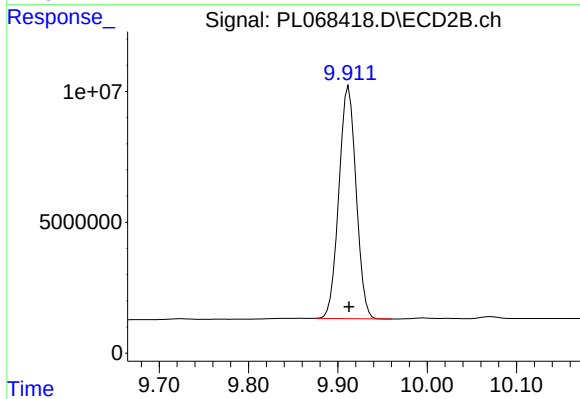
#18 Endrin aldehyde

R.T.: 9.334 min
Delta R.T.: -0.001 min
Response: 202495
Conc: 0.28 ng/ml m



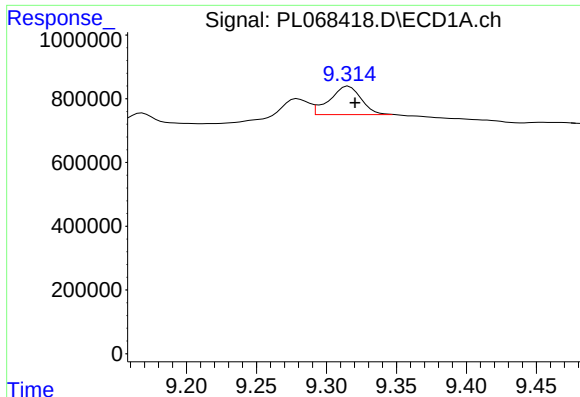
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.005 min
Response: 78996147
Conc: 252.54 ng/ml



#20 Methoxychlor

R.T.: 9.912 min
Delta R.T.: 0.000 min
Response: 118598001
Conc: 233.44 ng/ml



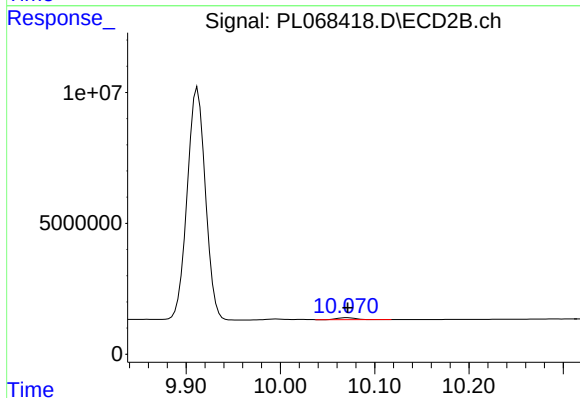
#21 Endrin ketone

R.T.: 9.314 min
Delta R.T.: -0.006 min
Response: 1378436
Conc: 2.33 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

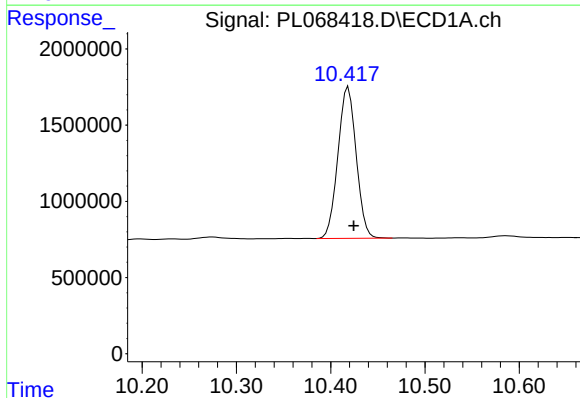
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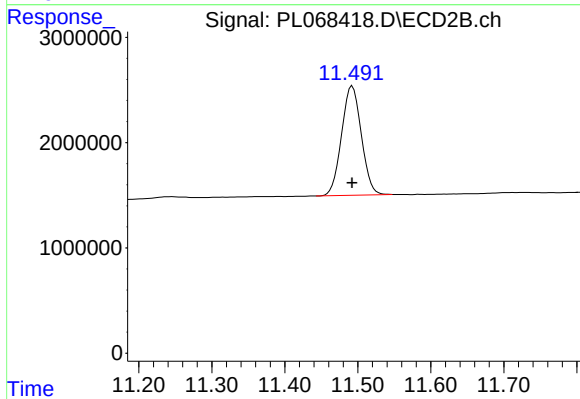
#21 Endrin ketone

R.T.: 10.071 min
Delta R.T.: 0.000 min
Response: 971983
Conc: 0.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: -0.006 min
Response: 13379694
Conc: 23.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.492 min
Delta R.T.: 0.000 min
Response: 19511541
Conc: 21.87 ng/ml