

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071621\
 Data File : PL068174.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2021 09:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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 7/16/2021 9:22:24 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 04:17:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071521.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 15 04:04:16 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...	4.655	5.586	8059291	20504060	19.993	19.882
28)	SA Decachlor...	10.432	11.510	9752241	18493639	23.633	20.555
Target Compounds							
2)	A alpha-BHC	5.362	6.165	4789294	12570408	8.884	9.179
3)	MA gamma-BHC...	5.785	6.561	5012183	12206709	9.652	9.452
6)	B beta-BHC	6.164	6.813	3010509	7513168	11.577	10.795
12)	B 4,4'-DDE	7.659	8.580	80151	141888	0.185m	0.140m
14)	MA Endrin	8.082	8.982	21962139	45012106	50.989	50.766
16)	A 4,4'-DDD	8.247	9.123	626734	1724296	1.704	2.012
17)	MA 4,4'-DDT	8.509	9.441	41062170	88576512	101.522	93.933
18)	B Endrin al...	8.588	9.350	120925	135477	0.388m	0.186m#
20)	A Methoxychlor	9.104	9.926	58836909	117.8E6	248.257	230.806
21)	B Endrin ke...	9.329	10.086	395326	712924	0.866	0.721

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

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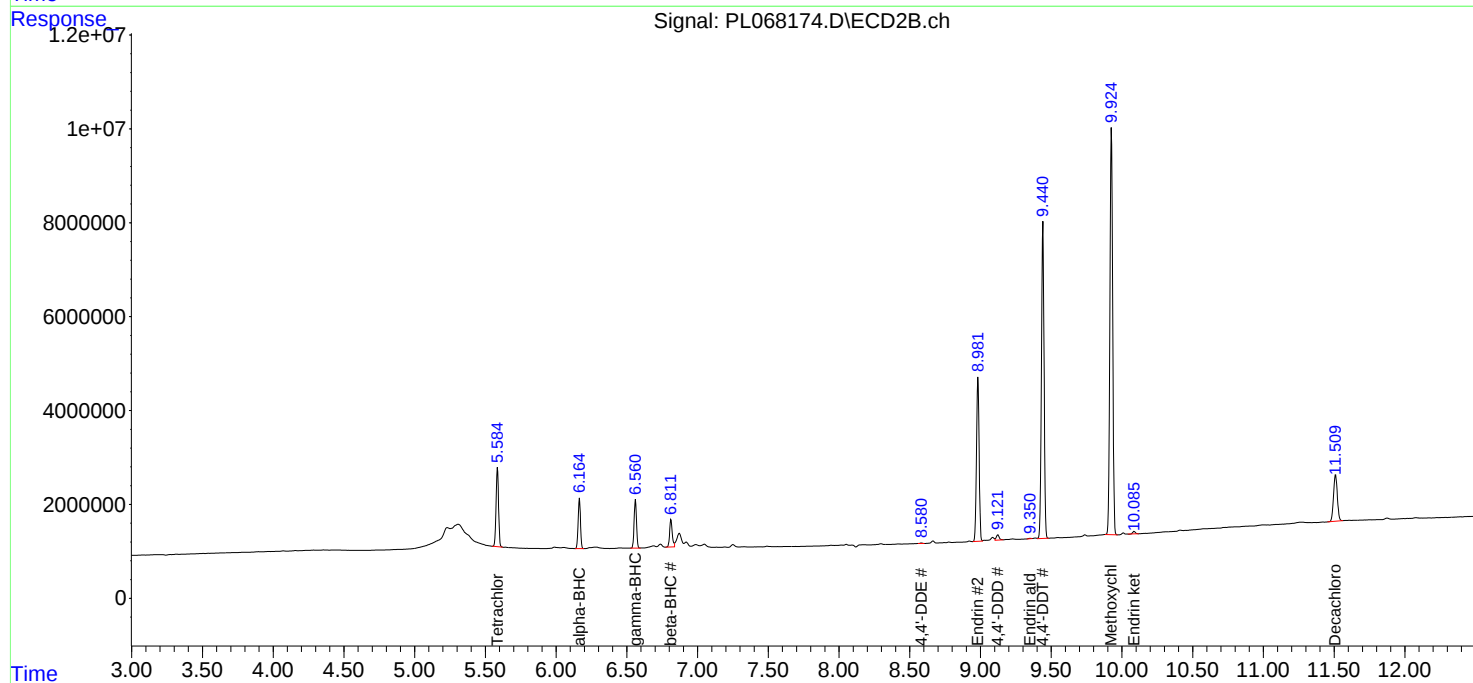
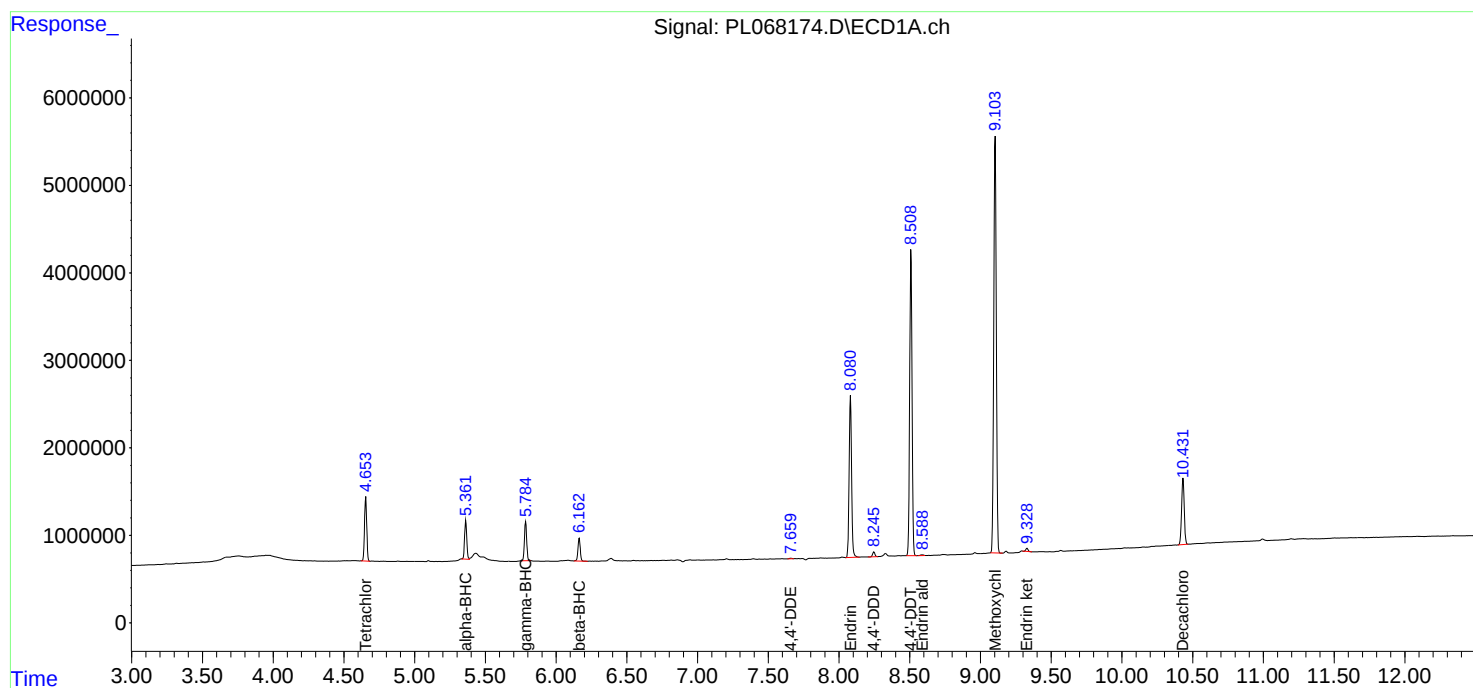
Instrument :
ECD_L
ClientSampled :
PEM

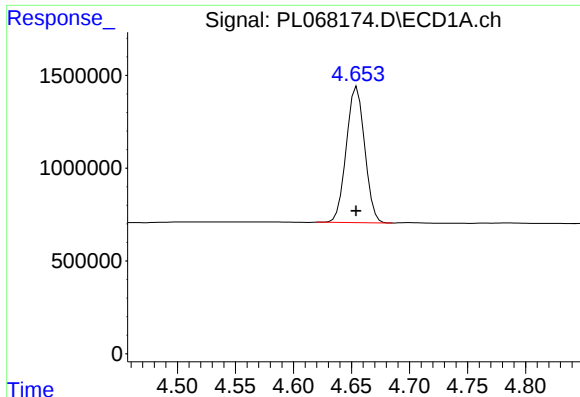
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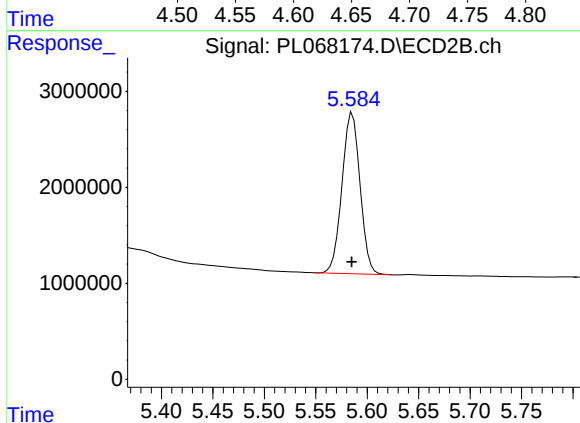
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 8059291
Conc: 19.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

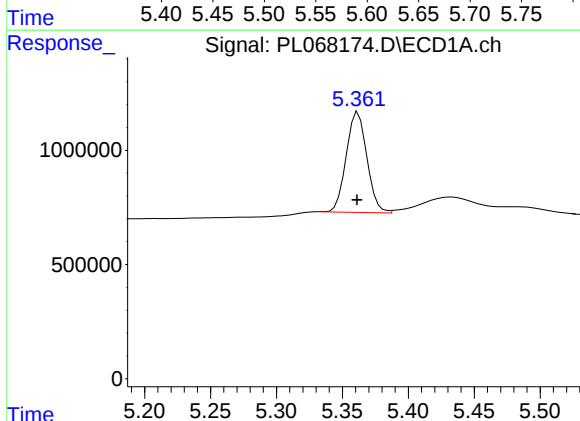
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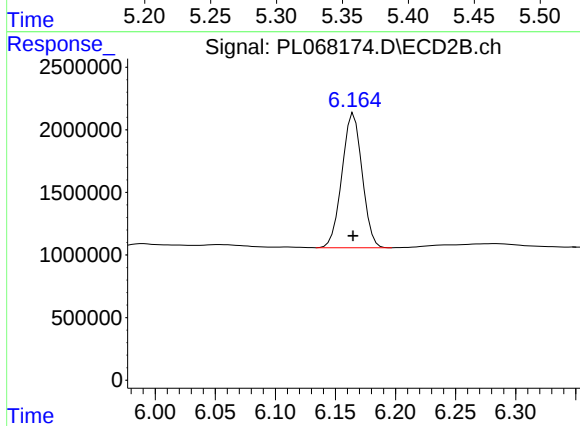
#1 Tetrachloro-m-xylene

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 20504060
Conc: 19.88 ng/ml



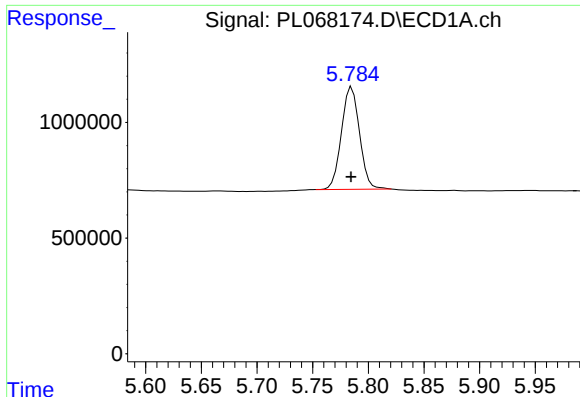
#2 alpha-BHC

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 4789294
Conc: 8.88 ng/ml



#2 alpha-BHC

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 12570408
Conc: 9.18 ng/ml



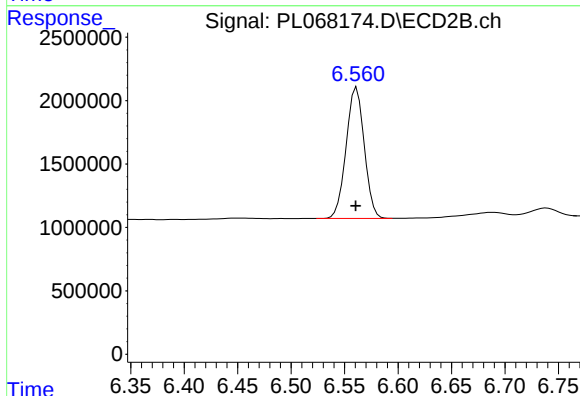
#3 gamma-BHC (Lindane)

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 5012183
Conc: 9.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

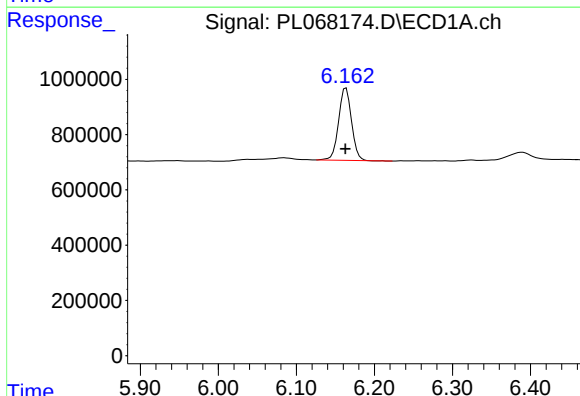
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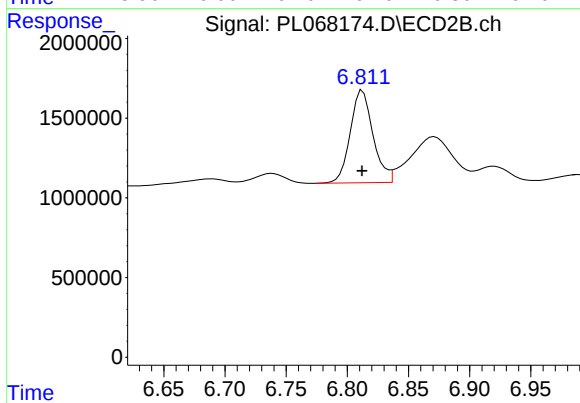
#3 gamma-BHC (Lindane)

R.T.: 6.561 min
Delta R.T.: 0.001 min
Response: 12206709
Conc: 9.45 ng/ml



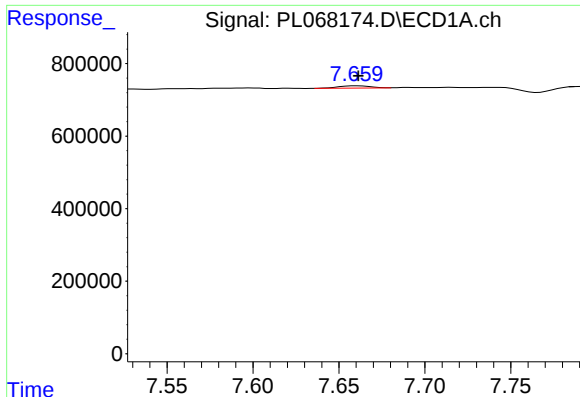
#6 beta-BHC

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 3010509
Conc: 11.58 ng/ml



#6 beta-BHC

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 7513168
Conc: 10.80 ng/ml



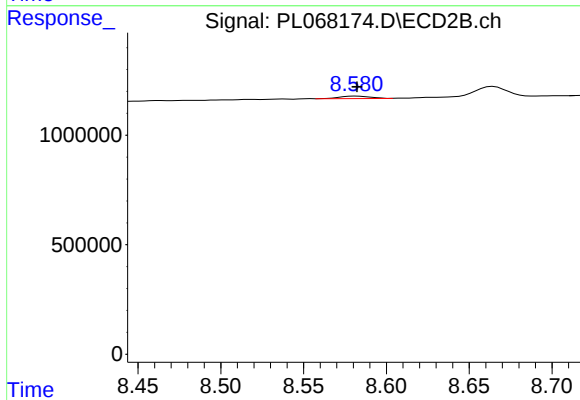
#12 4,4'-DDE

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 80151
Conc: 0.19 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

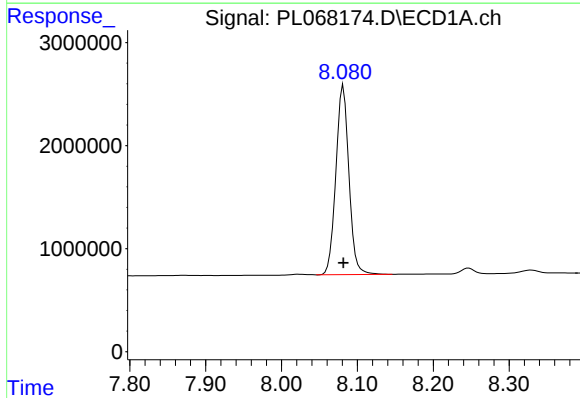
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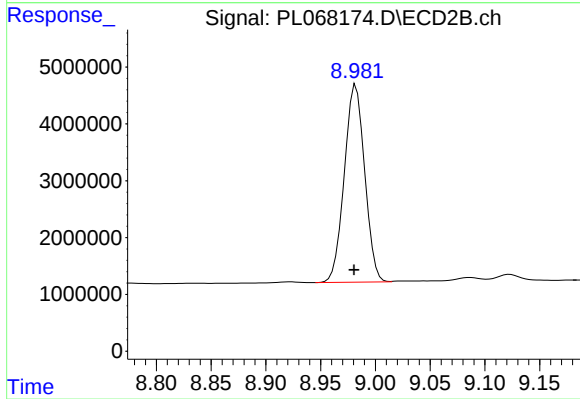
#12 4,4'-DDE

R.T.: 8.580 min
Delta R.T.: -0.002 min
Response: 141888
Conc: 0.14 ng/ml m



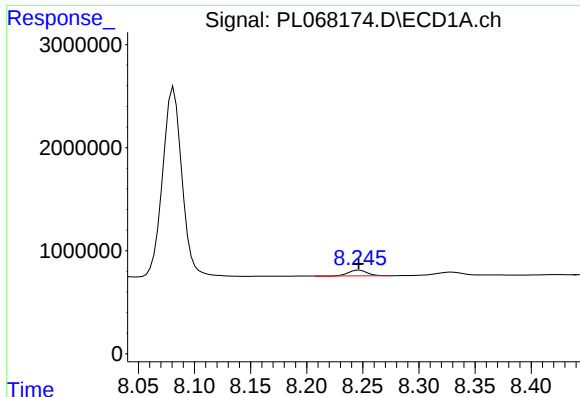
#14 Endrin

R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 21962139
Conc: 50.99 ng/ml



#14 Endrin

R.T.: 8.982 min
Delta R.T.: 0.002 min
Response: 45012106
Conc: 50.77 ng/ml



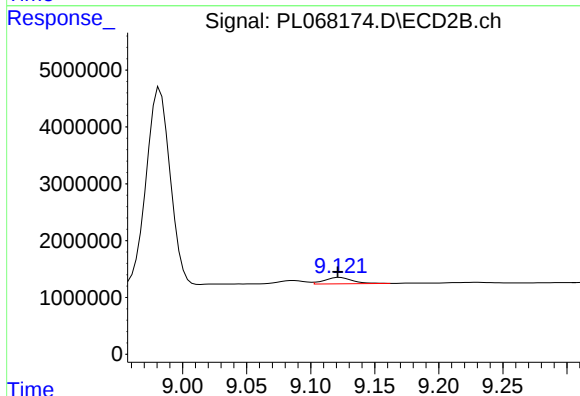
#16 4,4'-DDD

R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 626734
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

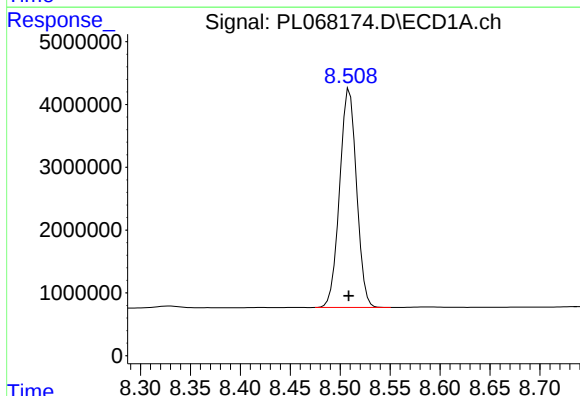
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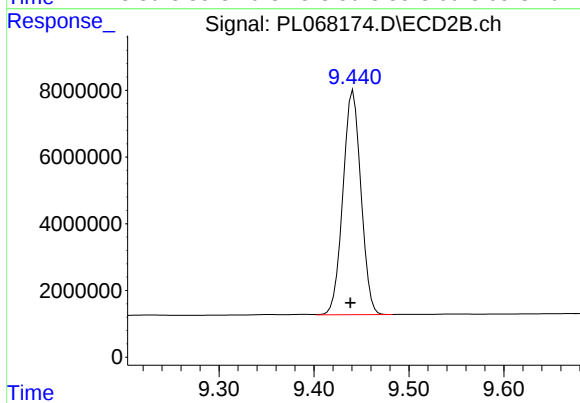
#16 4,4'-DDD

R.T.: 9.123 min
Delta R.T.: 0.002 min
Response: 1724296
Conc: 2.01 ng/ml



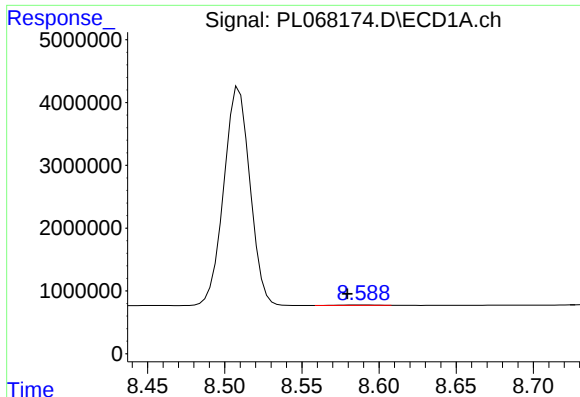
#17 4,4'-DDT

R.T.: 8.509 min
Delta R.T.: 0.000 min
Response: 41062170
Conc: 101.52 ng/ml



#17 4,4'-DDT

R.T.: 9.441 min
Delta R.T.: 0.003 min
Response: 88576512
Conc: 93.93 ng/ml



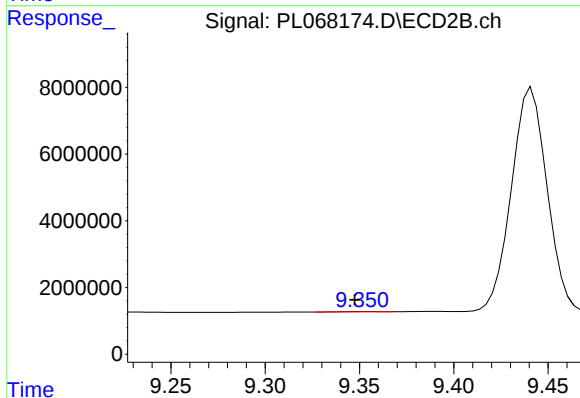
#18 Endrin aldehyde

R.T.: 8.588 min
Delta R.T.: 0.009 min
Response: 120925
Conc: 0.39 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

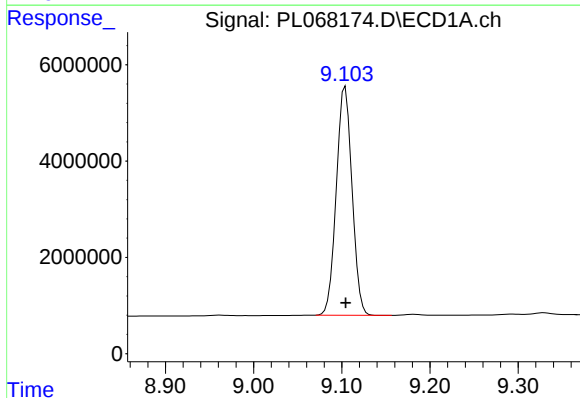
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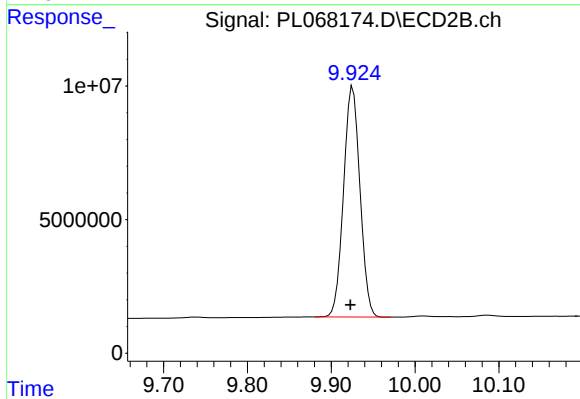
#18 Endrin aldehyde

R.T.: 9.350 min
Delta R.T.: 0.002 min
Response: 135477
Conc: 0.19 ng/ml m



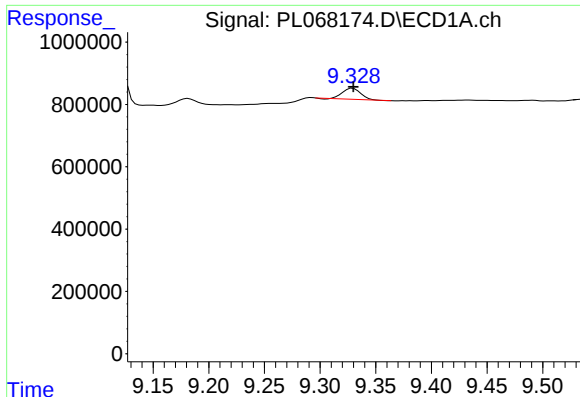
#20 Methoxychlor

R.T.: 9.104 min
Delta R.T.: 0.000 min
Response: 58836909
Conc: 248.26 ng/ml



#20 Methoxychlor

R.T.: 9.926 min
Delta R.T.: 0.003 min
Response: 117793686
Conc: 230.81 ng/ml



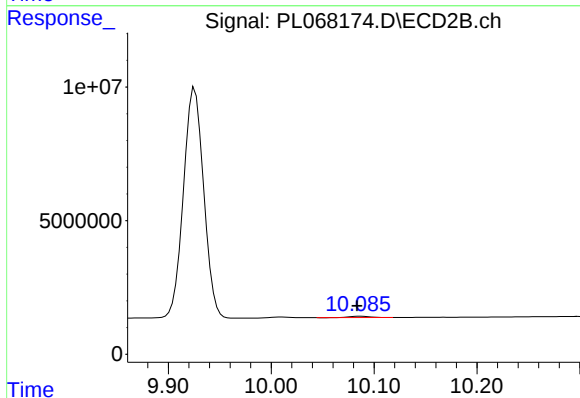
#21 Endrin ketone

R.T.: 9.329 min
Delta R.T.: 0.000 min
Response: 395326
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

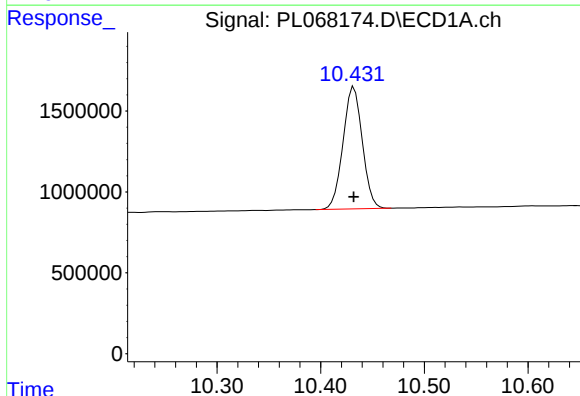
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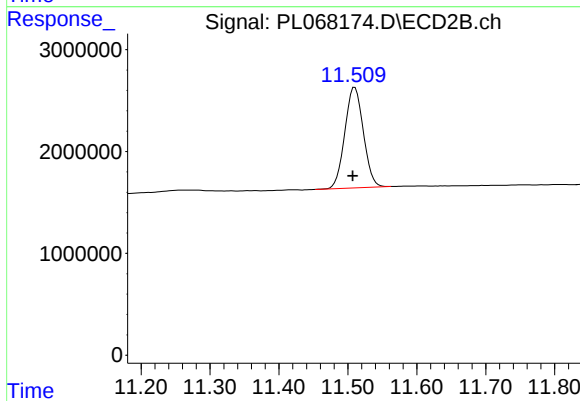
#21 Endrin ketone

R.T.: 10.086 min
Delta R.T.: 0.003 min
Response: 712924
Conc: 0.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 9752241
Conc: 23.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.510 min
Delta R.T.: 0.003 min
Response: 18493639
Conc: 20.56 ng/ml