

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071921\
 Data File : PL068233.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2021 00:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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 7/20/2021 10:06:00 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 04:19:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 03:26:29 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...	4.645	5.571	8392232	19848337	19.554	19.451
28)	SA Decachlor...	10.425	11.493	11715039	18327775	20.830	20.547
Target Compounds							
2)	A alpha-BHC	5.353	6.151	5097280	12133702	8.707	8.924
3)	MA gamma-BHC...	5.776	6.547	5370226	11934403	9.447	9.250
6)	B beta-BHC	6.154	6.799	3273960	7474088	11.188	10.580
12)	B 4,4'-DDE	7.651	8.567	89049	138196	0.177m	0.134m
14)	MA Endrin	8.072	8.968	25867740	45401541	51.726	50.775
16)	A 4,4'-DDD	8.238	9.109	348388	666725	0.780	0.783m
17)	MA 4,4'-DDT	8.500	9.428	50593824	93597811	100.866	99.167
18)	B Endrin al...	8.580	9.336	160007	91422	0.404m	0.127m#
20)	A Methoxychlor	9.096	9.913	71580883	121.6E6	228.833	239.350
21)	B Endrin ke...	9.318	10.071	981899	701891	1.658m	0.704m#

(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

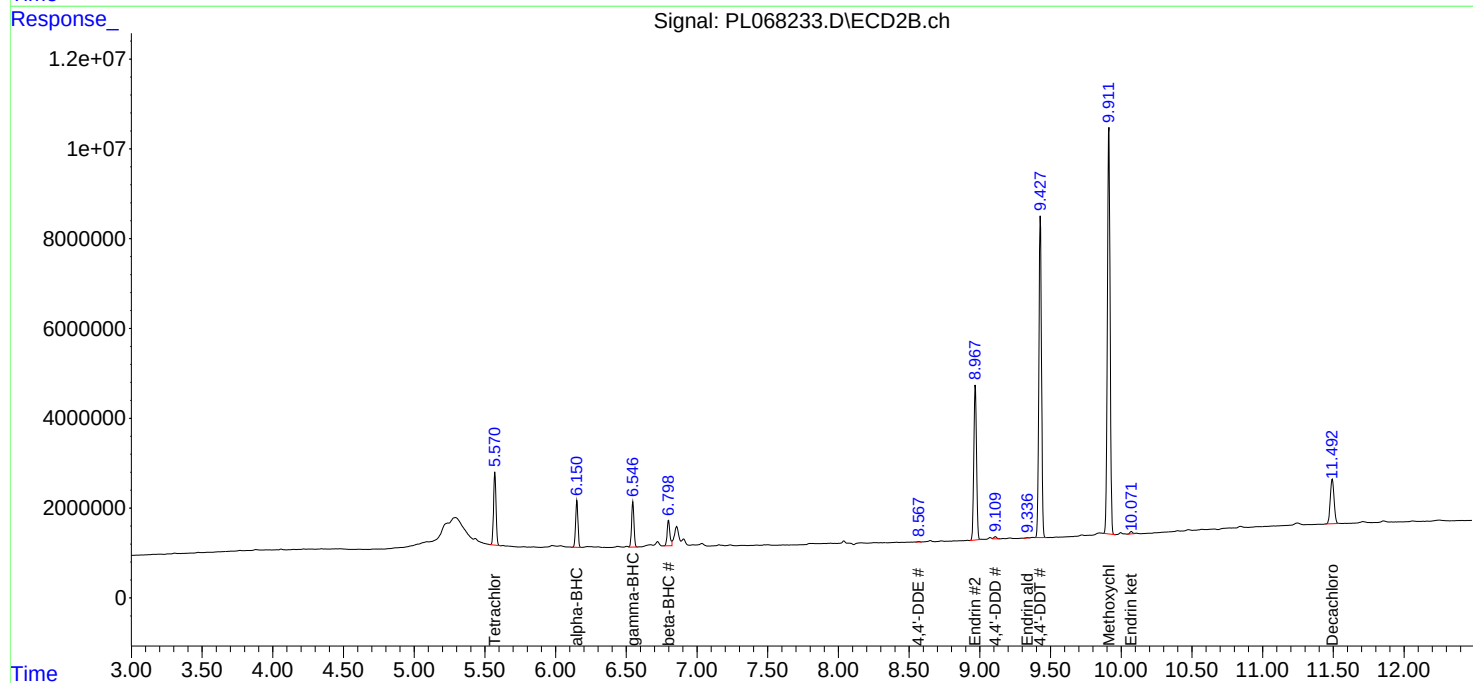
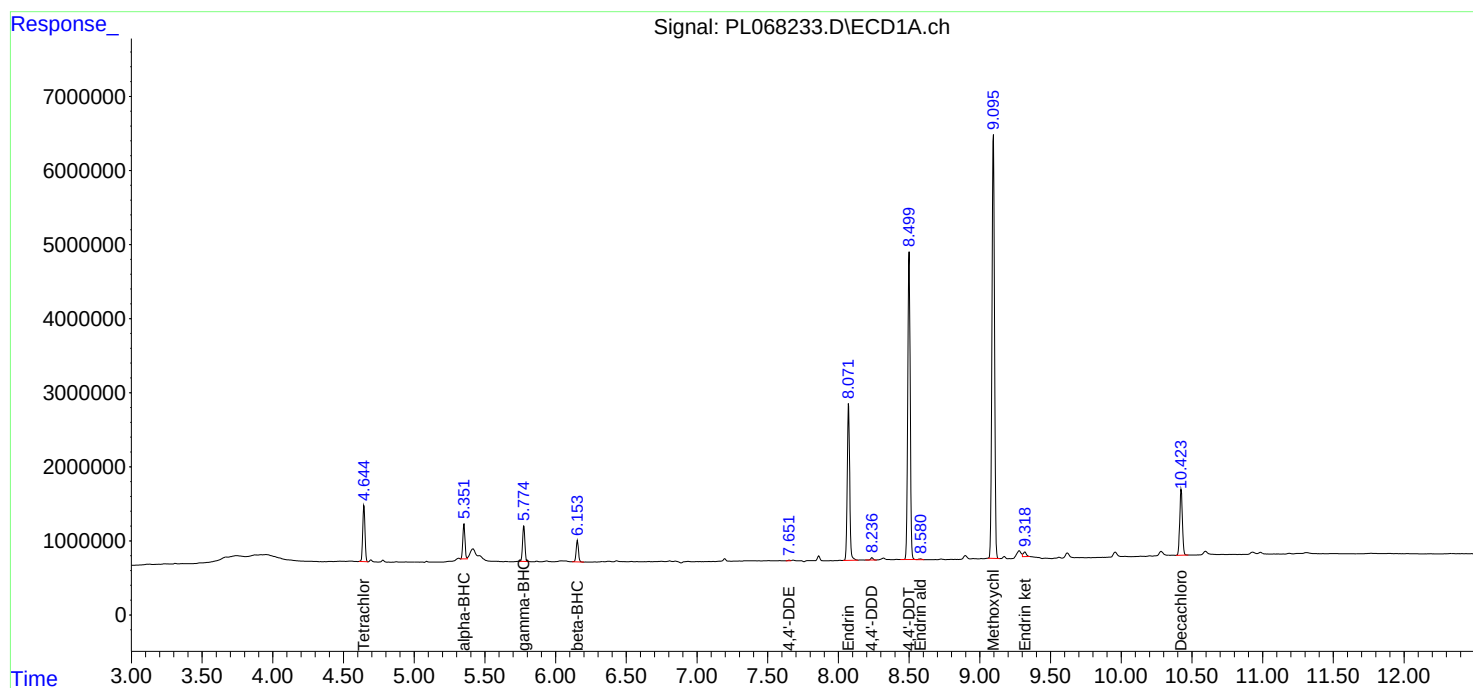
Instrument :
ECD_L
ClientSampled :
PEM

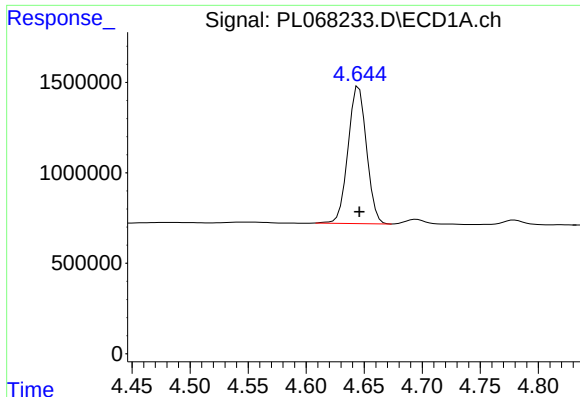
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Integration File signal 1: autoint1.e
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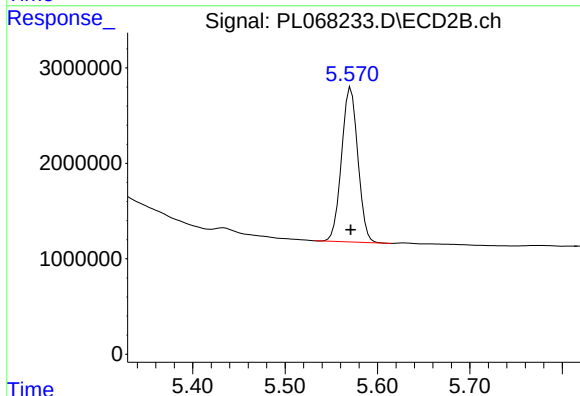
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 8392232
Conc: 19.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

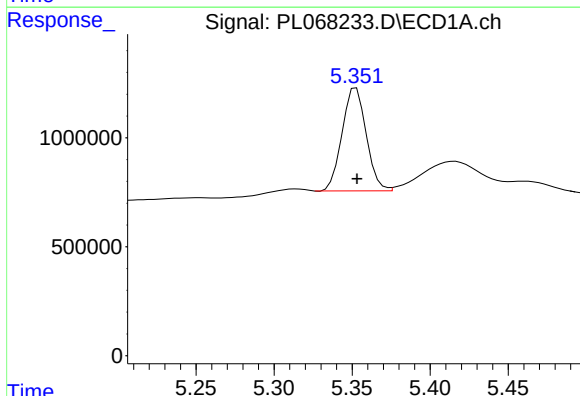
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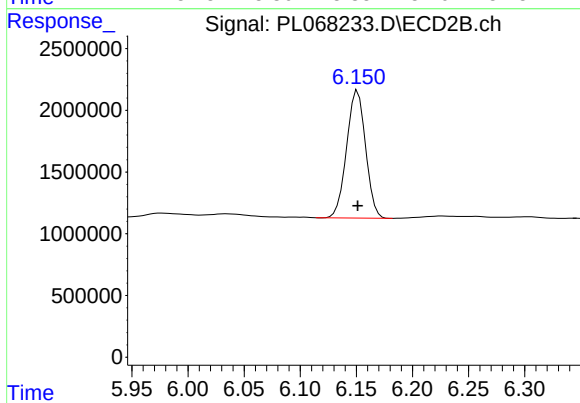
#1 Tetrachloro-m-xylene

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 19848337
Conc: 19.45 ng/ml



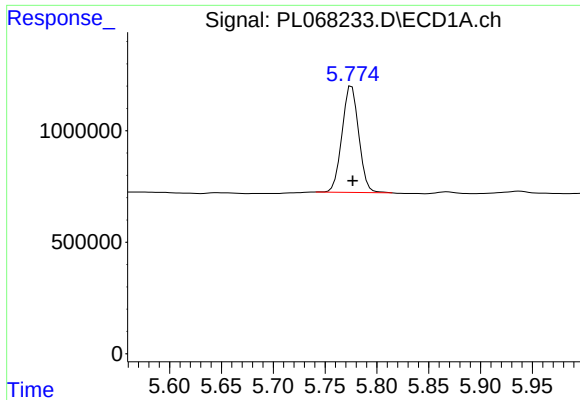
#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 5097280
Conc: 8.71 ng/ml



#2 alpha-BHC

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 12133702
Conc: 8.92 ng/ml



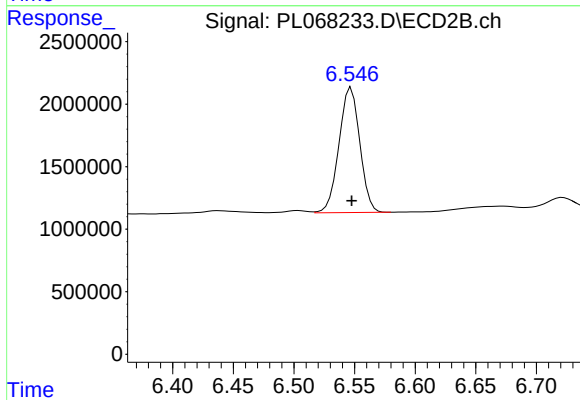
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 5370226
Conc: 9.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

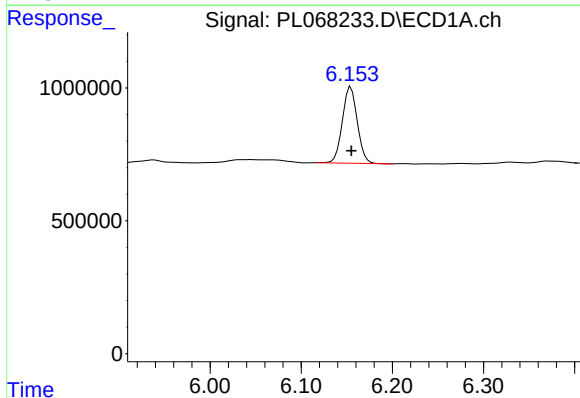
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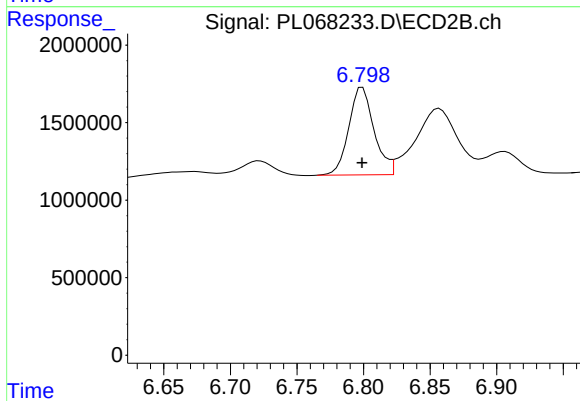
#3 gamma-BHC (Lindane)

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 11934403
Conc: 9.25 ng/ml



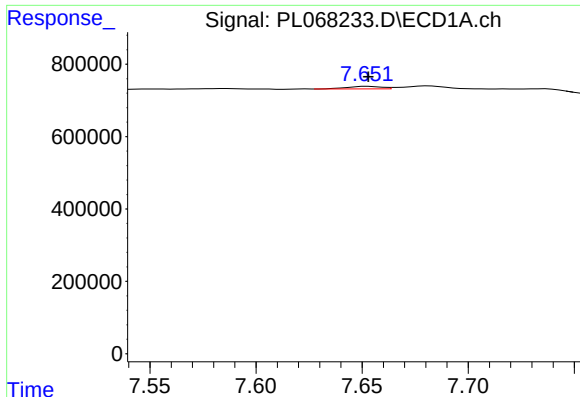
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 3273960
Conc: 11.19 ng/ml



#6 beta-BHC

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 7474088
Conc: 10.58 ng/ml



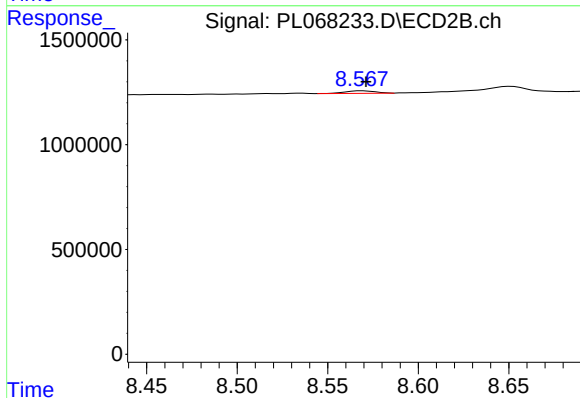
#12 4,4'-DDE

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 89049
Conc: 0.18 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

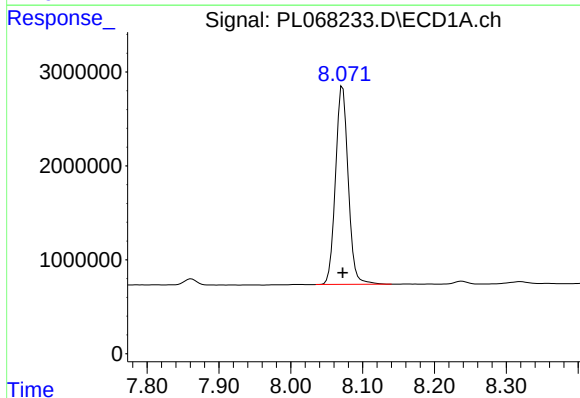
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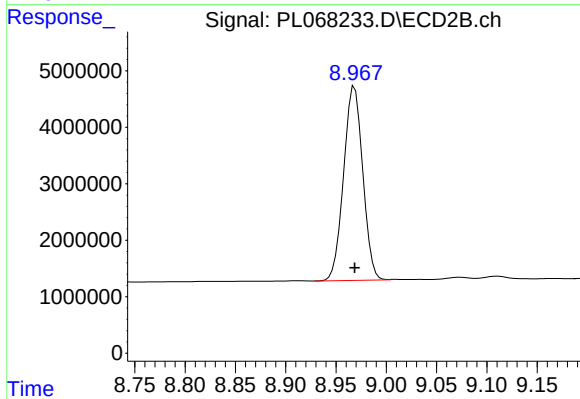
#12 4,4'-DDE

R.T.: 8.567 min
Delta R.T.: -0.004 min
Response: 138196
Conc: 0.13 ng/ml m



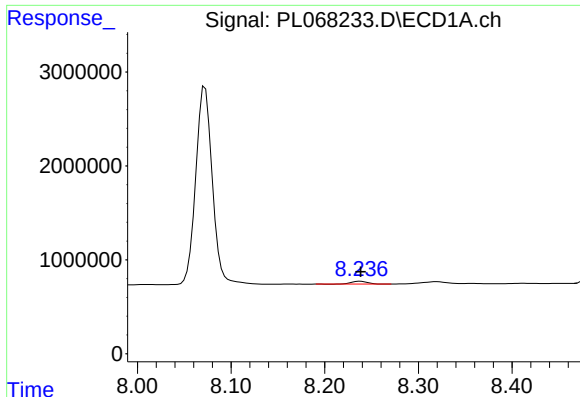
#14 Endrin

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 25867740
Conc: 51.73 ng/ml



#14 Endrin

R.T.: 8.968 min
Delta R.T.: 0.000 min
Response: 45401541
Conc: 50.78 ng/ml



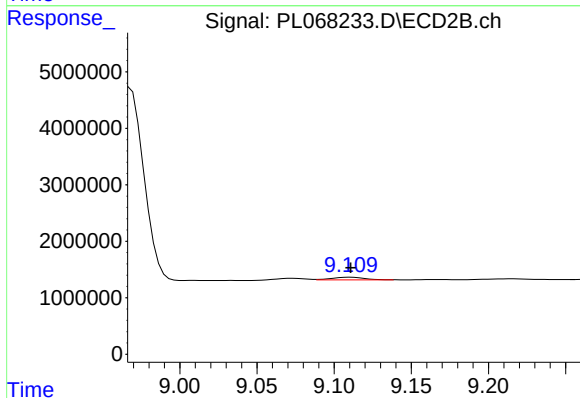
#16 4,4'-DDD

R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 348388
Conc: 0.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

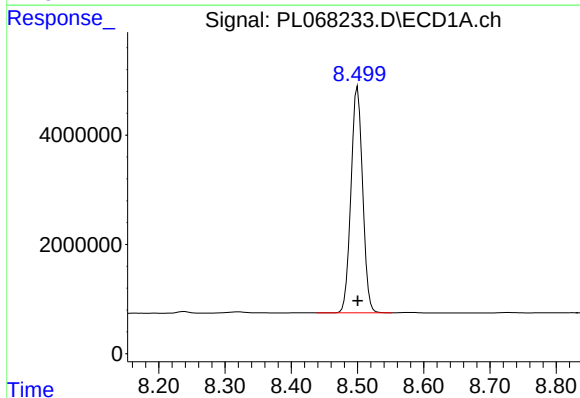
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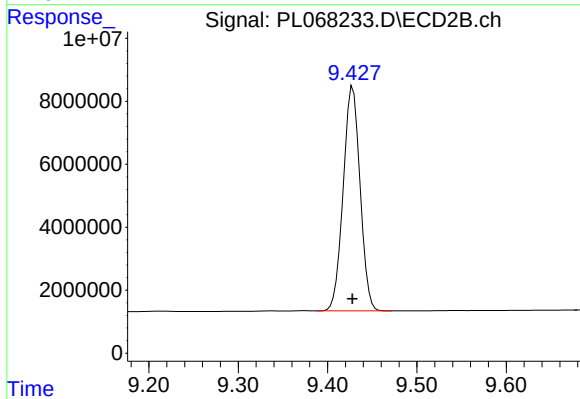
#16 4,4'-DDD

R.T.: 9.109 min
Delta R.T.: -0.002 min
Response: 666725
Conc: 0.78 ng/ml m



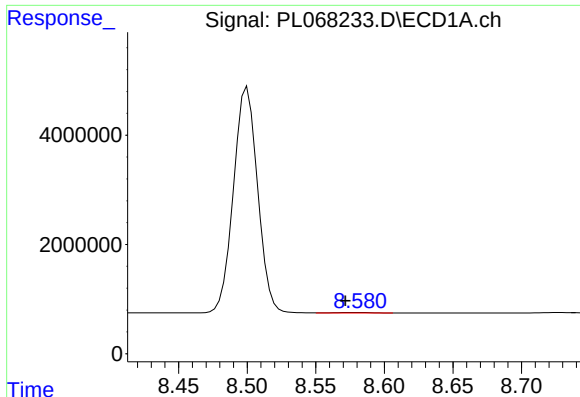
#17 4,4'-DDT

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 50593824
Conc: 100.87 ng/ml



#17 4,4'-DDT

R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 93597811
Conc: 99.17 ng/ml



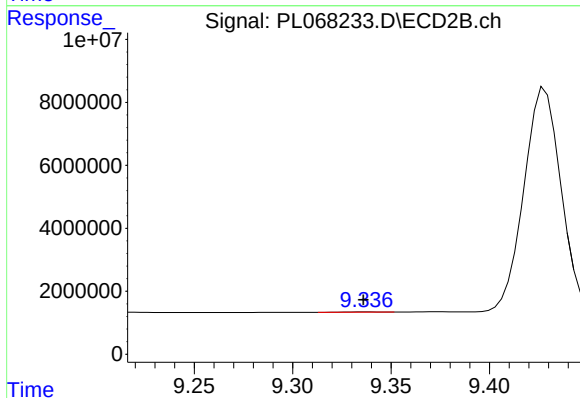
#18 Endrin aldehyde

R.T.: 8.580 min
Delta R.T.: 0.009 min
Response: 160007
Conc: 0.40 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

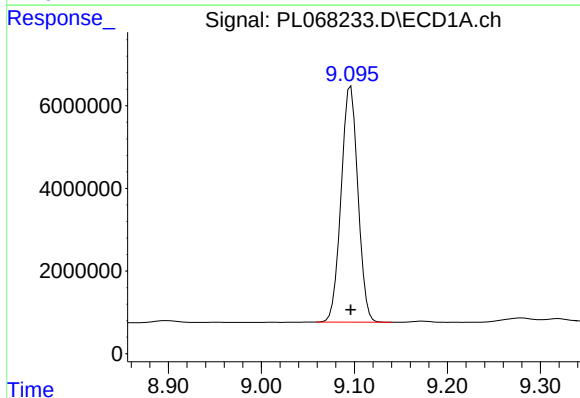
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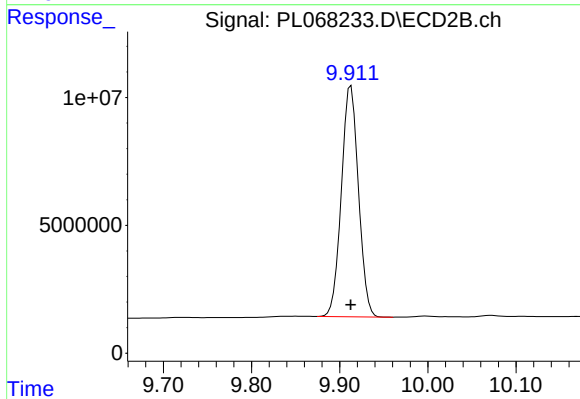
#18 Endrin aldehyde

R.T.: 9.336 min
Delta R.T.: 0.000 min
Response: 91422
Conc: 0.13 ng/ml m



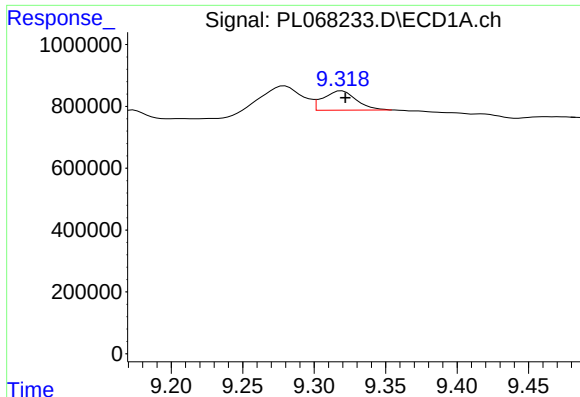
#20 Methoxychlor

R.T.: 9.096 min
Delta R.T.: 0.000 min
Response: 71580883
Conc: 228.83 ng/ml



#20 Methoxychlor

R.T.: 9.913 min
Delta R.T.: 0.000 min
Response: 121598316
Conc: 239.35 ng/ml



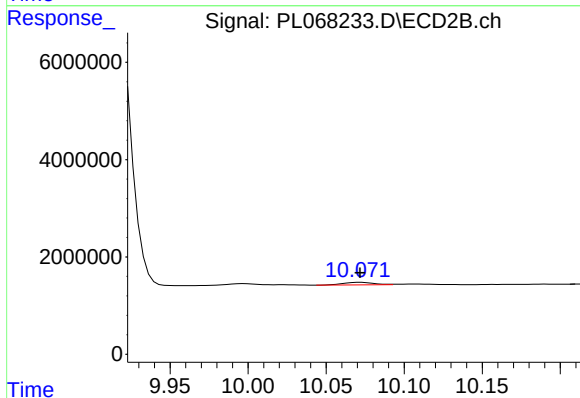
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.004 min
Response: 981899
Conc: 1.66 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

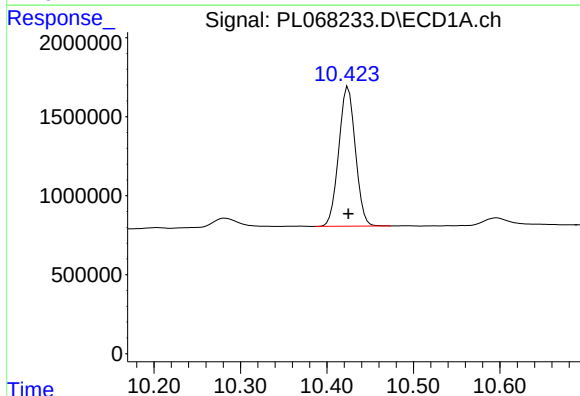
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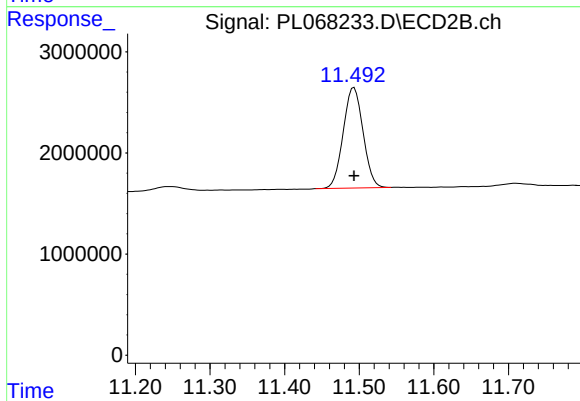
#21 Endrin ketone

R.T.: 10.071 min
Delta R.T.: -0.001 min
Response: 701891
Conc: 0.70 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: 0.000 min
Response: 11715039
Conc: 20.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.493 min
Delta R.T.: 0.000 min
Response: 18327775
Conc: 20.55 ng/ml