

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122920\
 Data File : PL063834.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Dec 2020 09:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 03:41:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122220.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 14:02:42 2020
 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...	3.438	4.110	61992941	50564978	20.678	19.806
28)	SA Decachlor...	8.176	9.265	51100684	33563346	18.547	17.023
Target Compounds							
2)	A alpha-BHC	3.872	4.511	47380669	30571006	9.491	8.486
3)	MA gamma-BHC...	4.153	4.802	41484871	28908195	9.076	8.474
6)	B beta-BHC	4.402	4.977	19844522	21533998	10.267	12.268m
12)	B 4,4'-DDE	5.590	6.480	1145537	665299	0.333m	0.269m
14)	MA Endrin	5.974	6.862	147.6E6	87165129	50.639	44.916
16)	A 4,4'-DDD	6.105	6.979	16183020	9953939	5.533	4.708
17)	MA 4,4'-DDT	6.346	7.280	267.3E6	161.4E6	100.857	82.939
18)	B Endrin al...	6.415	7.199	3033165	1564524	1.096	0.776m#
20)	A Methoxychlor	6.892	7.739	272.8E6	197.2E6	207.617m	186.872
21)	B Endrin ke...	7.113	7.903	11575785	6044677	3.330	2.451 #

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

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ALS Vial : 3 Sample Multiplier: 1

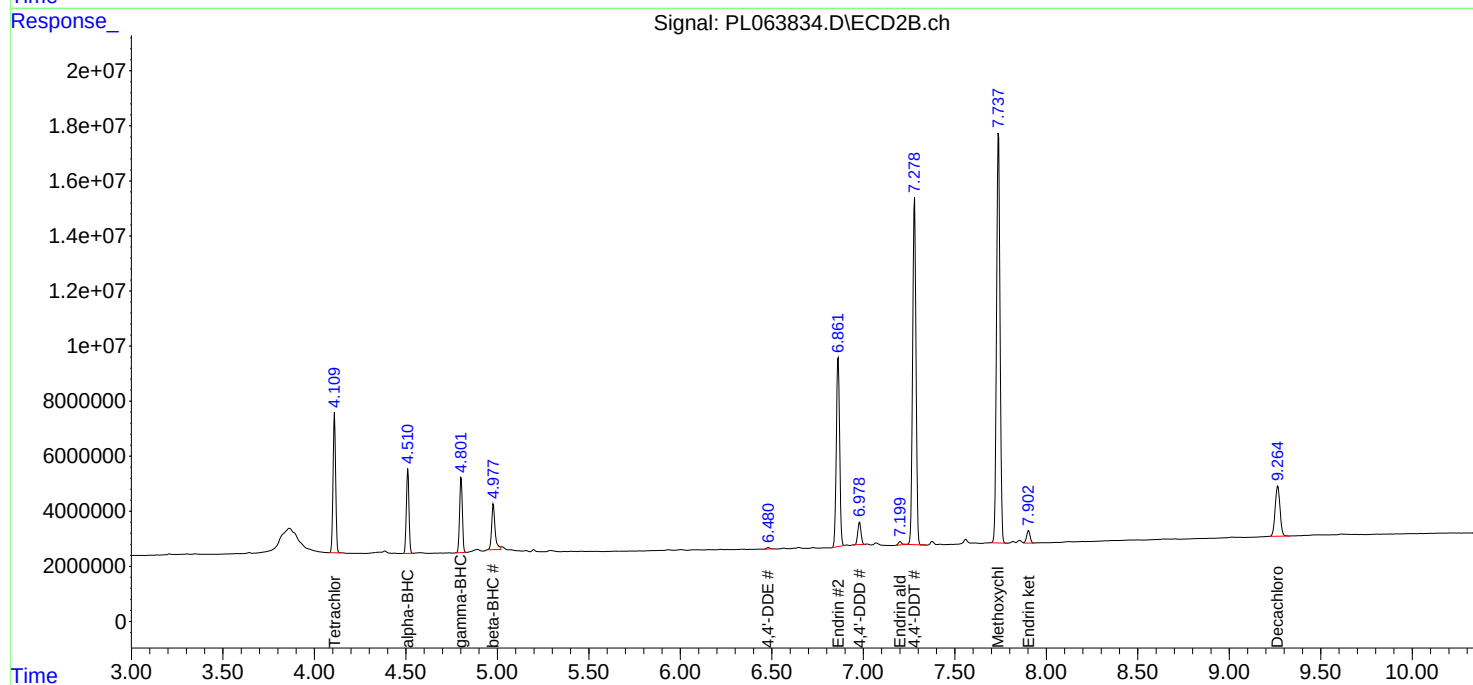
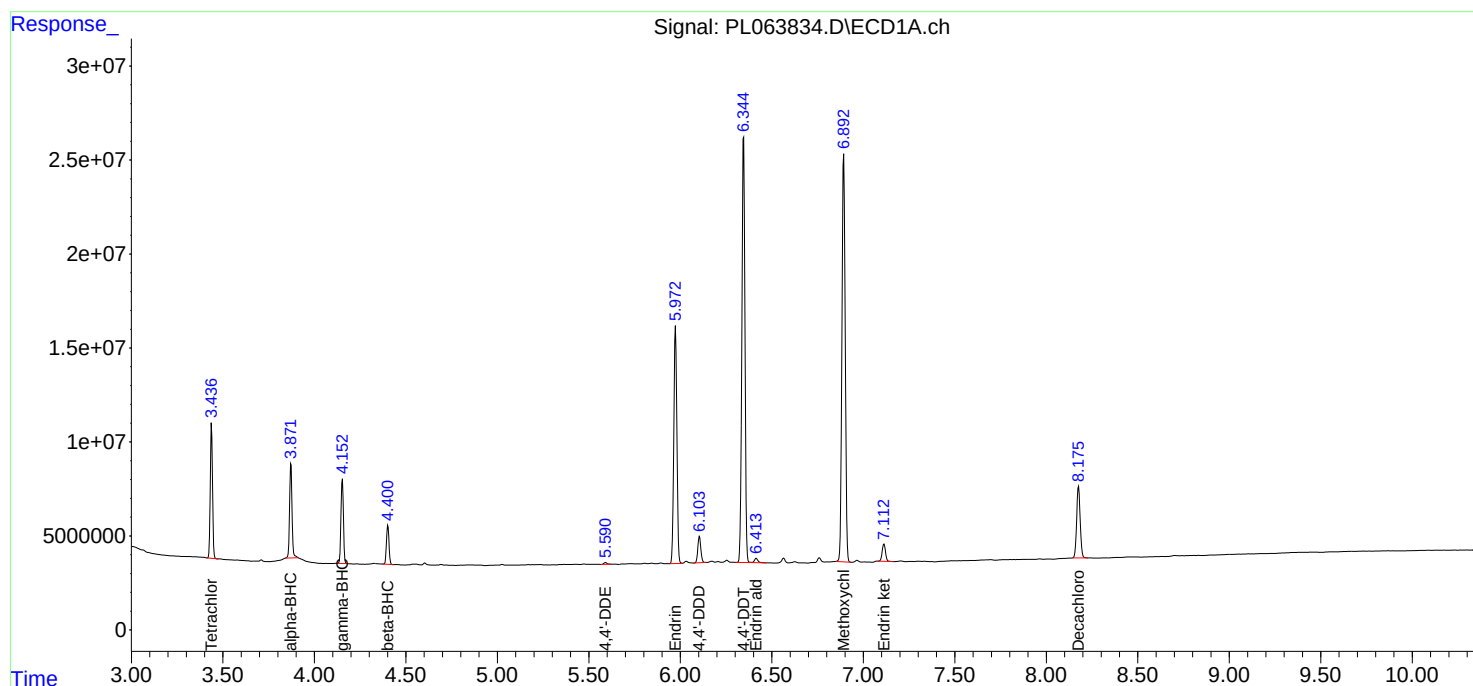
Instrument :
ECD_L
ClientSampleId :
PEM

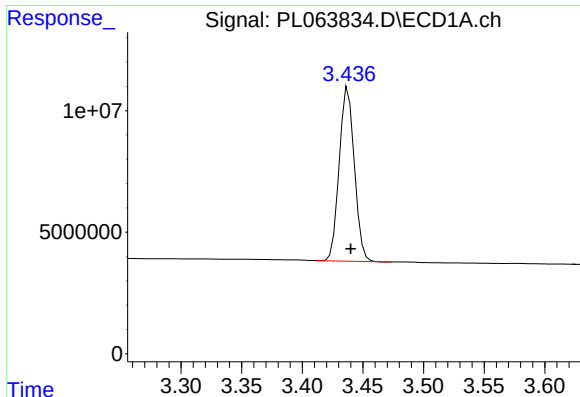
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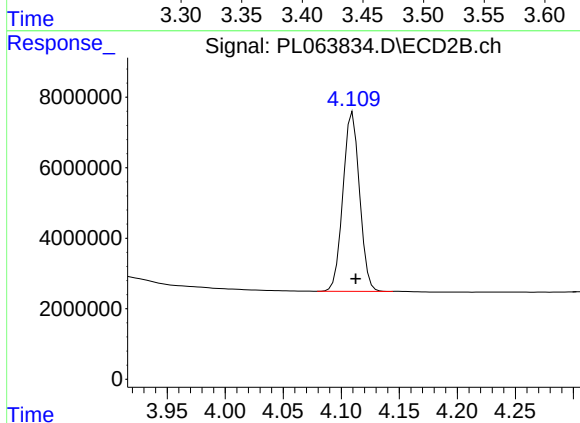
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: -0.002 min
Response: 61992941
Conc: 20.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

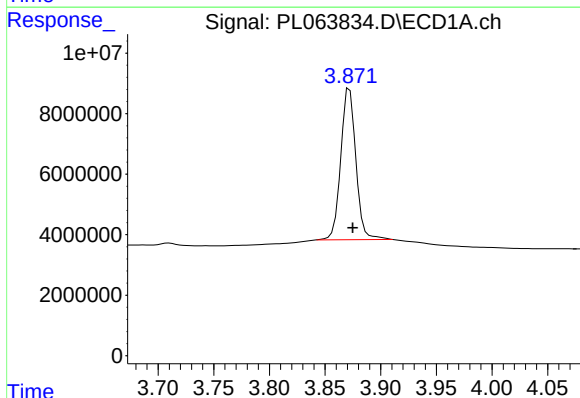
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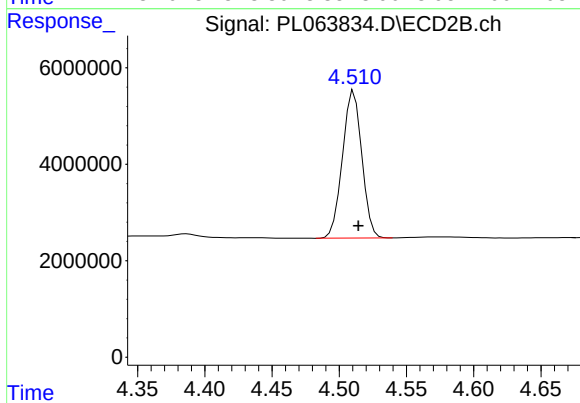
#1 Tetrachloro-m-xylene

R.T.: 4.110 min
Delta R.T.: -0.003 min
Response: 50564978
Conc: 19.81 ng/ml



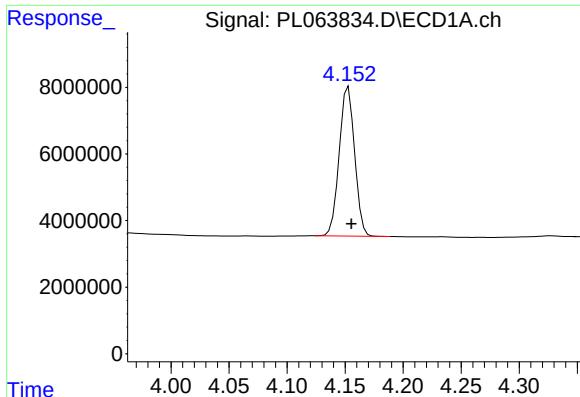
#2 alpha-BHC

R.T.: 3.872 min
Delta R.T.: -0.003 min
Response: 47380669
Conc: 9.49 ng/ml



#2 alpha-BHC

R.T.: 4.511 min
Delta R.T.: -0.003 min
Response: 30571006
Conc: 8.49 ng/ml



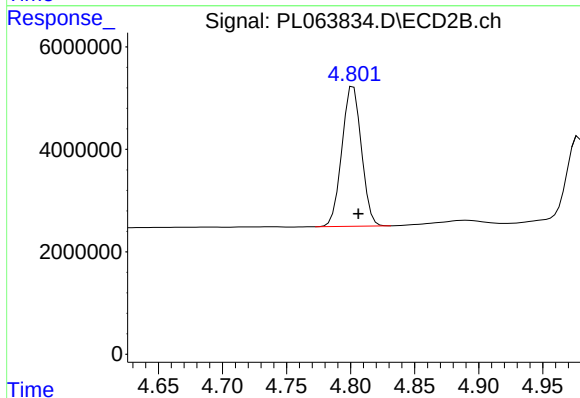
#3 gamma-BHC (Lindane)

R.T.: 4.153 min
Delta R.T.: -0.002 min
Response: 41484871
Conc: 9.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

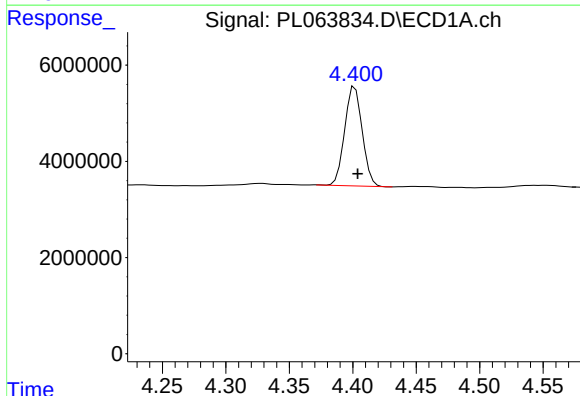
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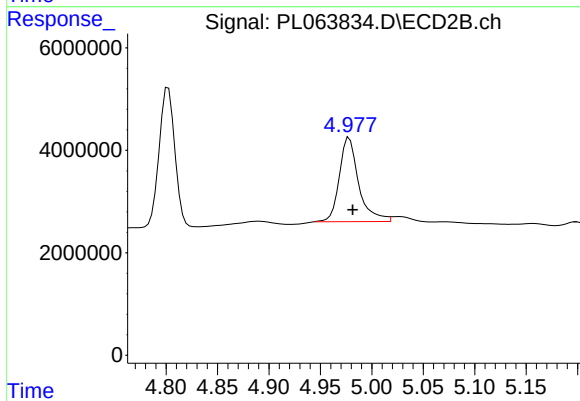
#3 gamma-BHC (Lindane)

R.T.: 4.802 min
Delta R.T.: -0.004 min
Response: 28908195
Conc: 8.47 ng/ml



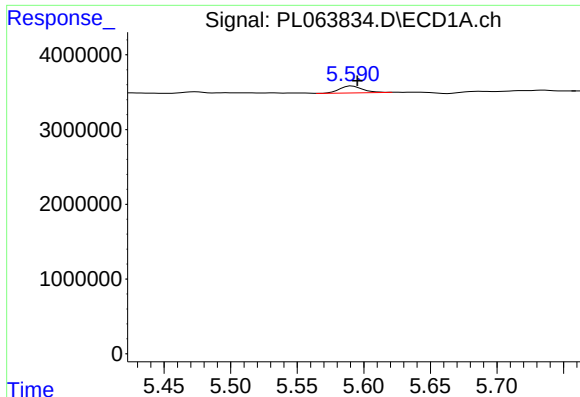
#6 beta-BHC

R.T.: 4.402 min
Delta R.T.: -0.002 min
Response: 19844522
Conc: 10.27 ng/ml



#6 beta-BHC

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 21533998
Conc: 12.27 ng/ml m



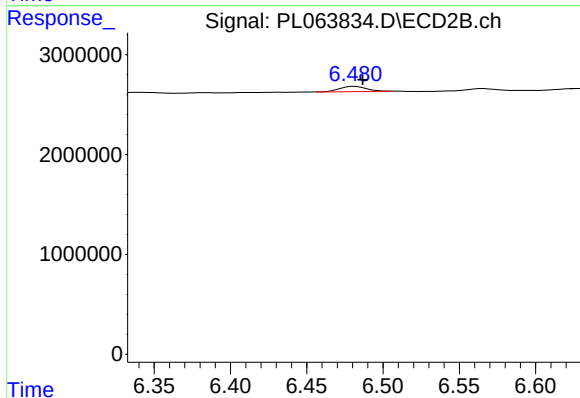
#12 4,4'-DDE

R.T.: 5.590 min
Delta R.T.: -0.005 min
Response: 1145537
Conc: 0.33 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

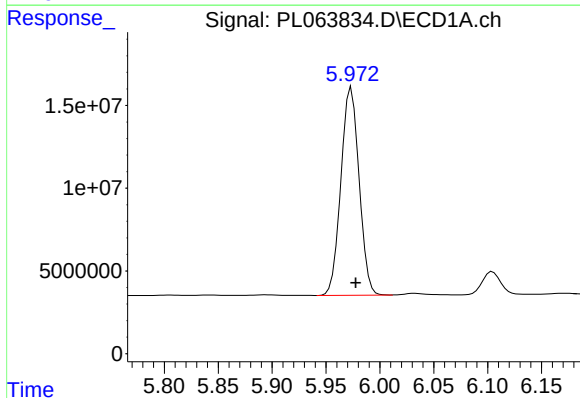
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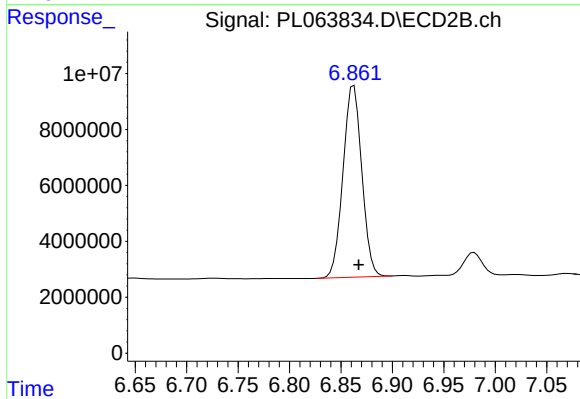
#12 4,4'-DDE

R.T.: 6.480 min
Delta R.T.: -0.007 min
Response: 665299
Conc: 0.27 ng/ml m



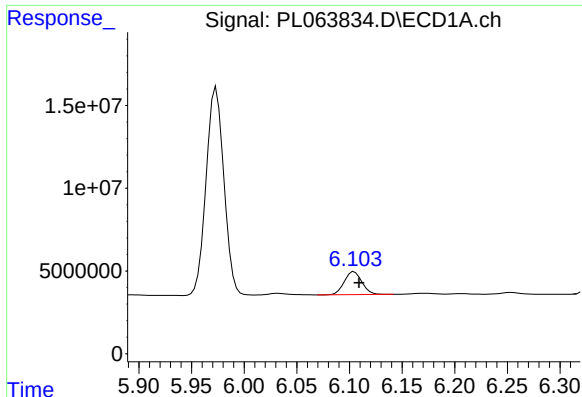
#14 Endrin

R.T.: 5.974 min
Delta R.T.: -0.004 min
Response: 147581245
Conc: 50.64 ng/ml



#14 Endrin

R.T.: 6.862 min
Delta R.T.: -0.005 min
Response: 87165129
Conc: 44.92 ng/ml



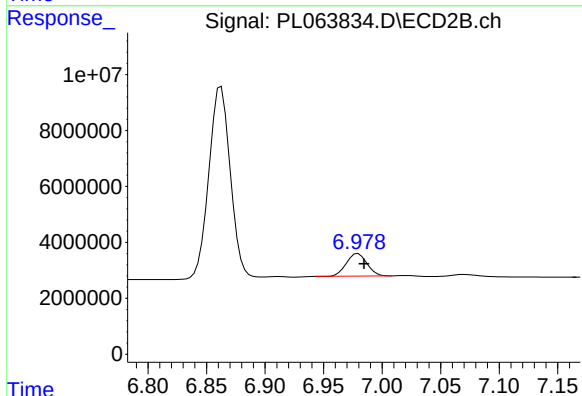
#16 4,4'-DDD

R.T.: 6.105 min
Delta R.T.: -0.005 min
Response: 16183020
Conc: 5.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

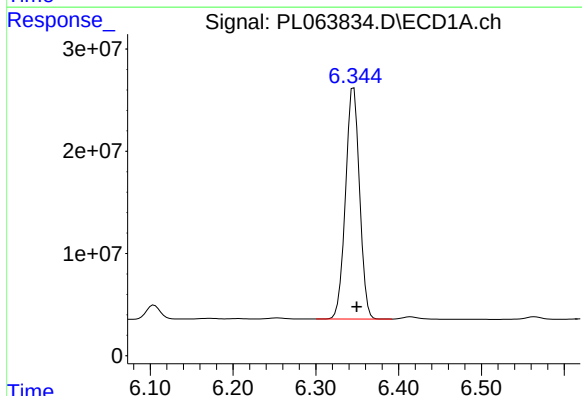
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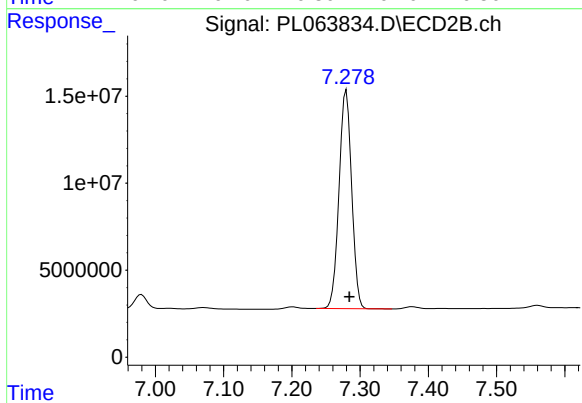
#16 4,4'-DDD

R.T.: 6.979 min
Delta R.T.: -0.005 min
Response: 9953939
Conc: 4.71 ng/ml



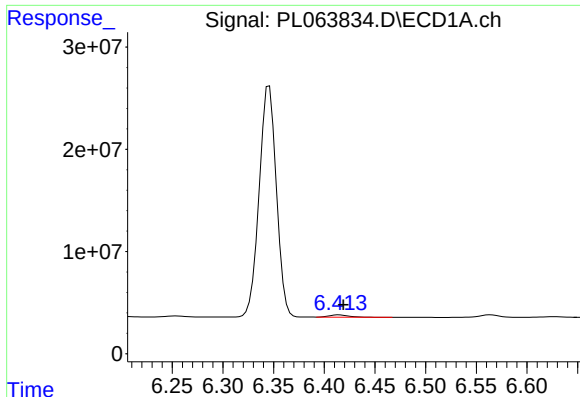
#17 4,4'-DDT

R.T.: 6.346 min
Delta R.T.: -0.004 min
Response: 267273462
Conc: 100.86 ng/ml



#17 4,4'-DDT

R.T.: 7.280 min
Delta R.T.: -0.005 min
Response: 161354686
Conc: 82.94 ng/ml



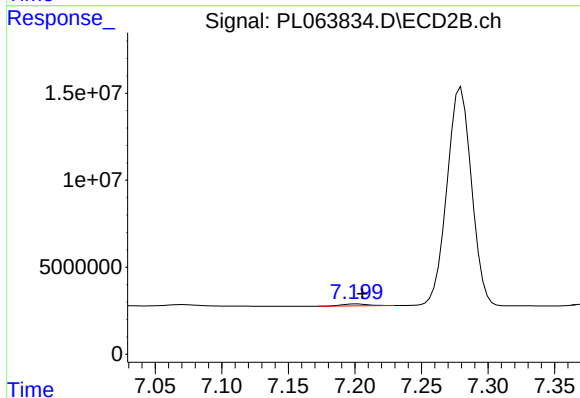
#18 Endrin aldehyde

R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 3033165
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

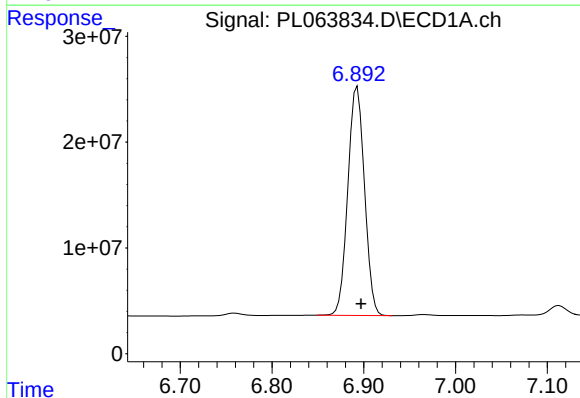
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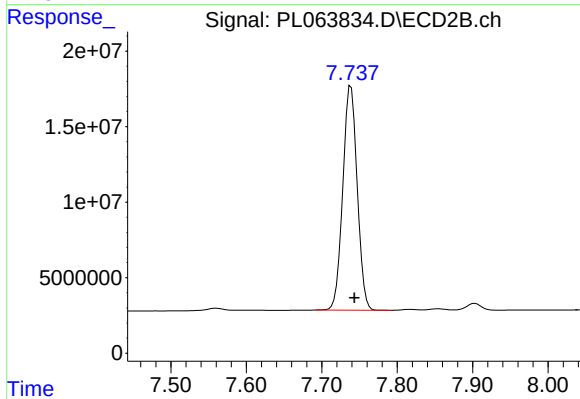
#18 Endrin aldehyde

R.T.: 7.199 min
Delta R.T.: -0.006 min
Response: 1564524
Conc: 0.78 ng/ml m



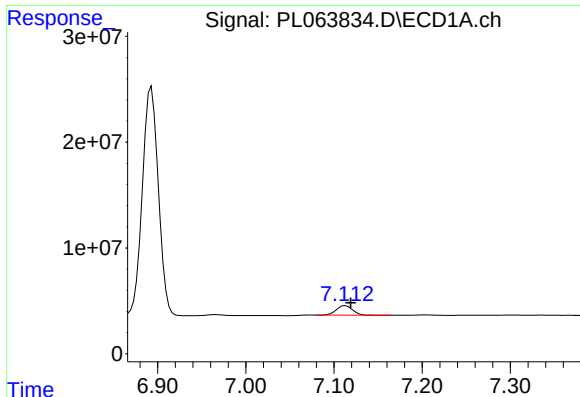
#20 Methoxychlor

R.T.: 6.892 min
Delta R.T.: -0.006 min
Response: 272763182
Conc: 207.62 ng/ml m



#20 Methoxychlor

R.T.: 7.739 min
Delta R.T.: -0.005 min
Response: 197158567
Conc: 186.87 ng/ml



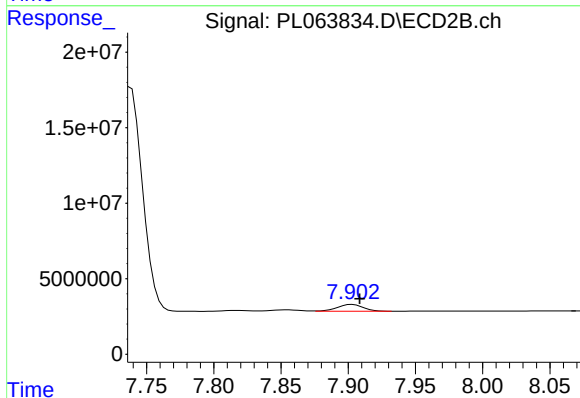
#21 Endrin ketone

R.T.: 7.113 min
Delta R.T.: -0.006 min
Response: 11575785
Conc: 3.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

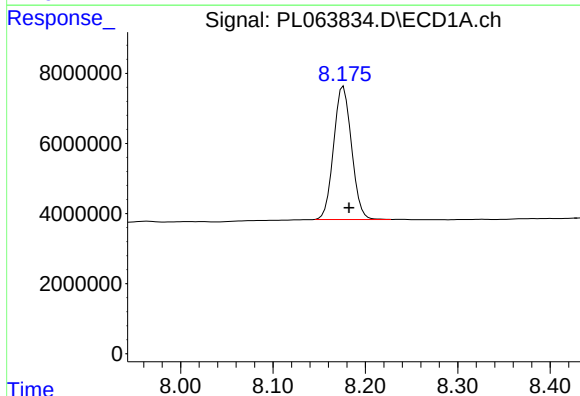
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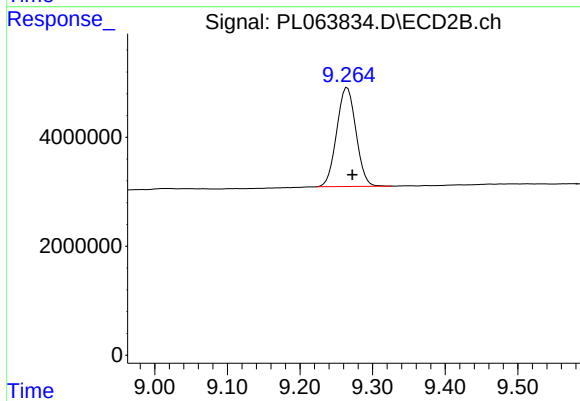
#21 Endrin ketone

R.T.: 7.903 min
Delta R.T.: -0.006 min
Response: 6044677
Conc: 2.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.176 min
Delta R.T.: -0.006 min
Response: 51100684
Conc: 18.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.265 min
Delta R.T.: -0.007 min
Response: 33563346
Conc: 17.02 ng/ml