

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081924\
 Data File : PD084511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2024 12:13
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/20/2024
 Supervised By :Ankita Jodhani 08/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 15:50:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081924.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 19 15:48:44 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.583	2.926	16728153	114.1E6	19.696	20.568
28)	SA Decachlor...	9.115	8.137	35467854	96409255	20.433	20.893
Target Compounds							
2)	A alpha-BHC	4.031	3.440	13952521	94022623	9.362	11.368
3)	MA gamma-BHC...	4.362	3.774	14283171	88113284	9.491	11.139m
6)	B beta-BHC	4.543	4.069	6577748	39930651	10.138	11.272
14)	MA Endrin	6.609	5.845	66572659	304.8E6	46.827	46.332
16)	A 4,4'-DDD	6.739	5.985	432796	2753492	0.369m	0.479 #
17)	MA 4,4'-DDT	7.054	6.240	138.3E6	537.0E6	100.257	90.540
18)	B Endrin al...	6.949	6.315	1444942	8793165	1.273m	1.973 #
20)	A Methoxychlor	7.525	6.812	190.9E6	586.1E6	251.244	195.256
21)	B Endrin ke...	7.665	7.051	2947327	18791280	1.837	2.971 #

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

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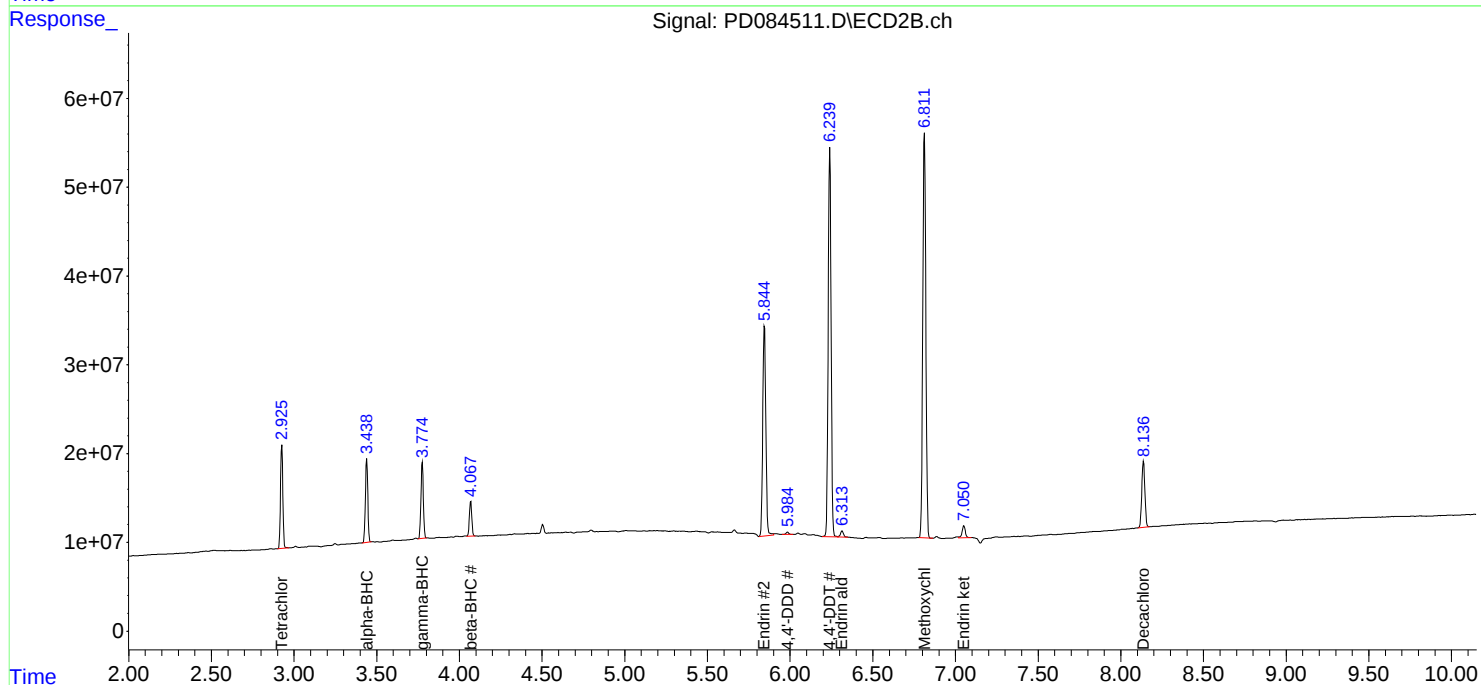
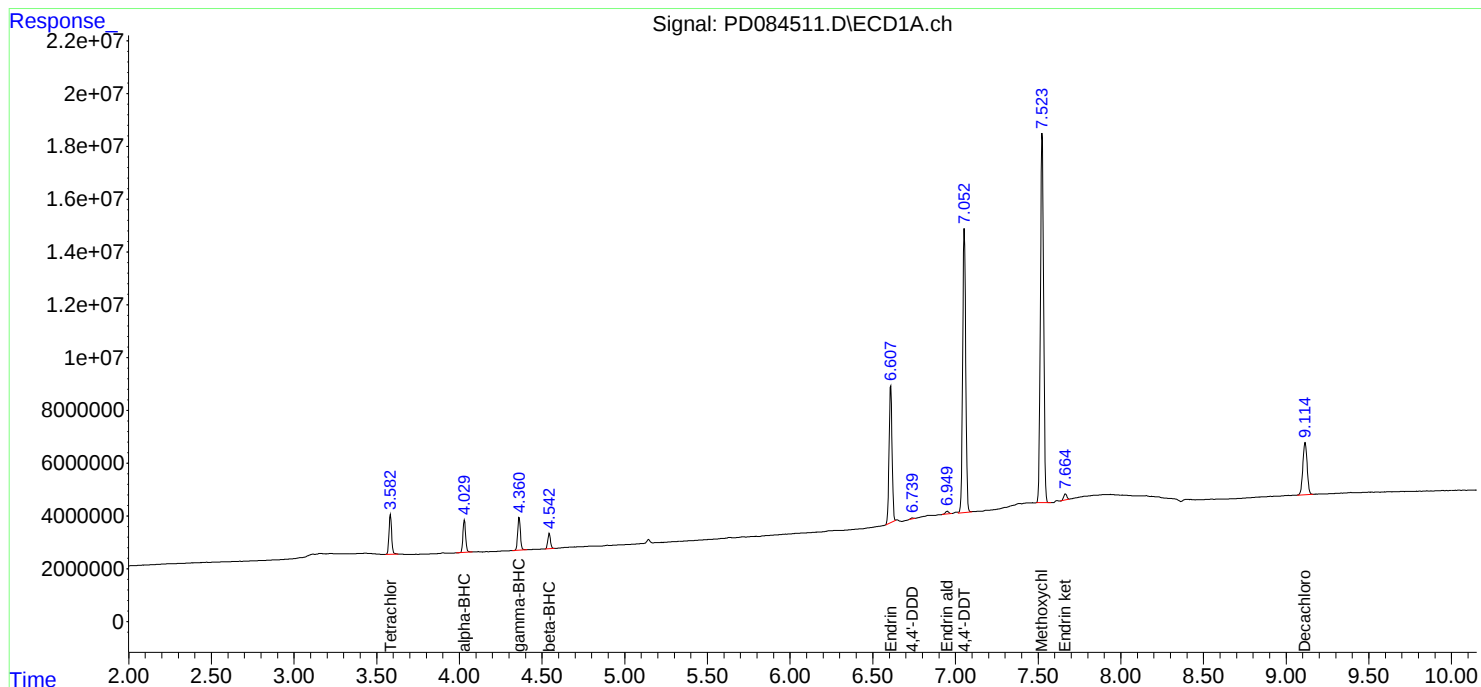
Instrument :
ECD_D
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PEM

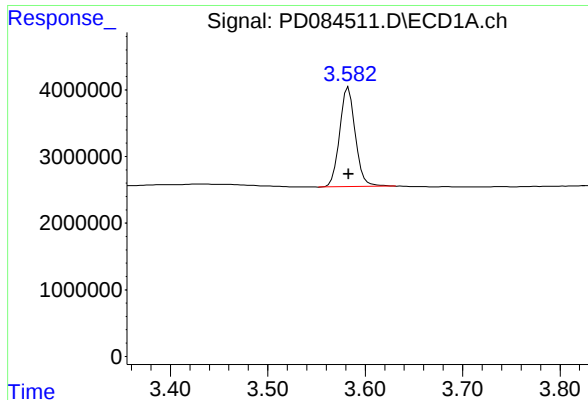
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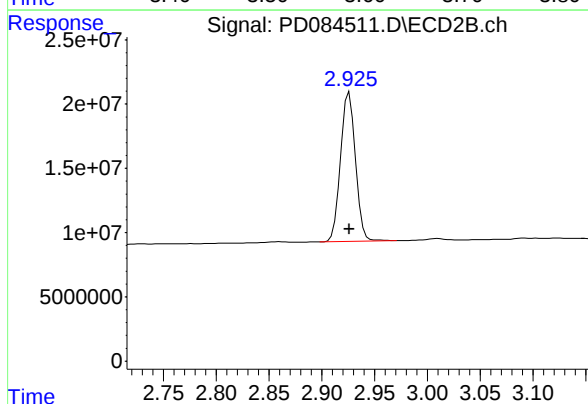
#1 Tetrachloro-m-xylene

R.T.: 3.583 min
Delta R.T.: 0.000 min
Response: 16728153
Conc: 19.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

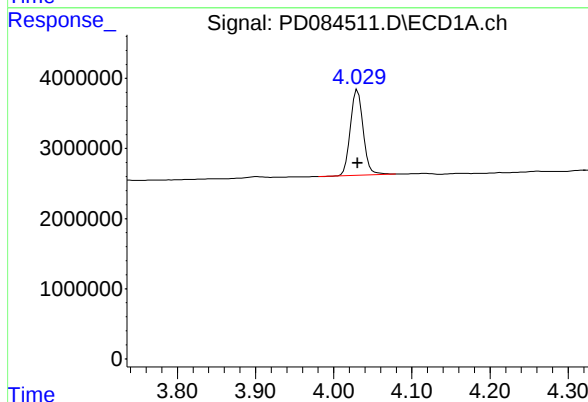
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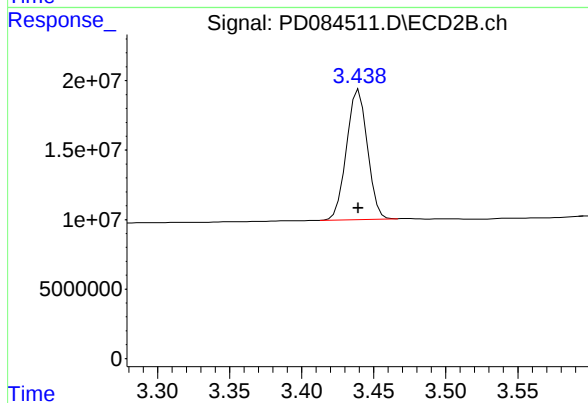
#1 Tetrachloro-m-xylene

R.T.: 2.926 min
Delta R.T.: 0.000 min
Response: 114111291
Conc: 20.57 ng/ml



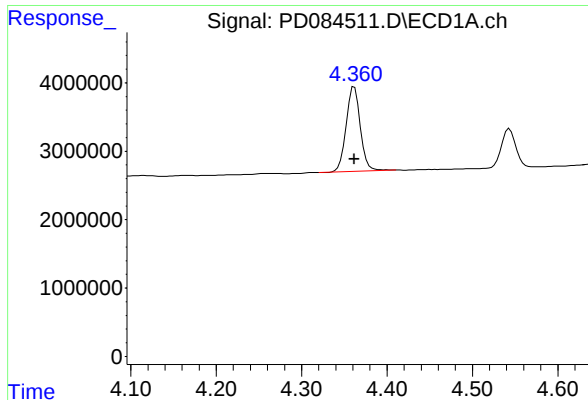
#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 13952521
Conc: 9.36 ng/ml



#2 alpha-BHC

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 94022623
Conc: 11.37 ng/ml



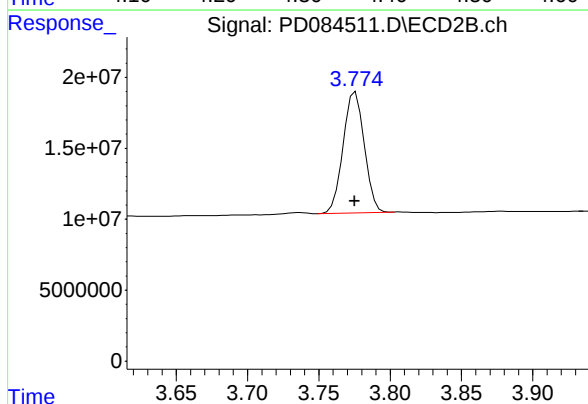
#3 gamma-BHC (Lindane)

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 14283171
Conc: 9.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

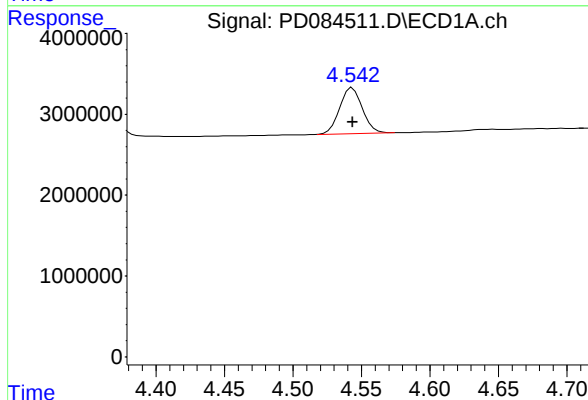
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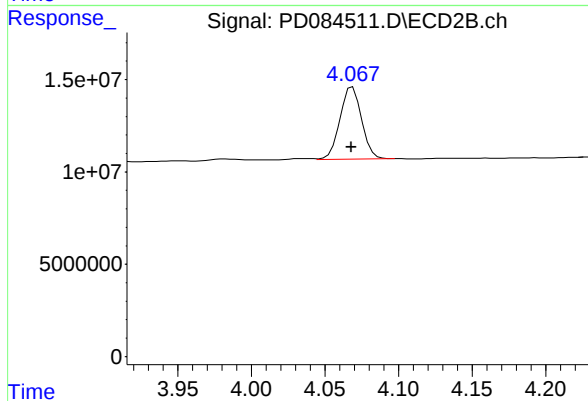
#3 gamma-BHC (Lindane)

R.T.: 3.774 min
Delta R.T.: 0.000 min
Response: 88113284
Conc: 11.14 ng/ml m



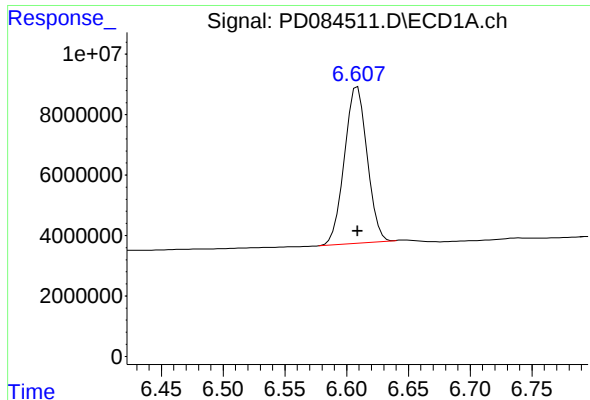
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 6577748
Conc: 10.14 ng/ml



#6 beta-BHC

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 39930651
Conc: 11.27 ng/ml



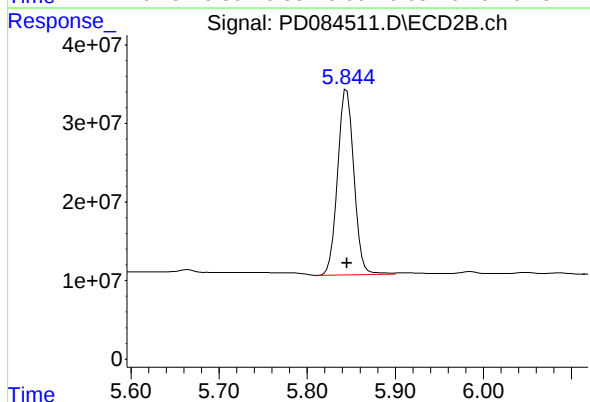
#14 Endrin

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 66572659
Conc: 46.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

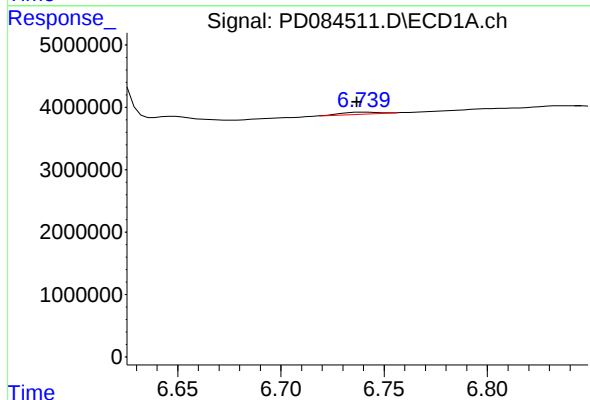
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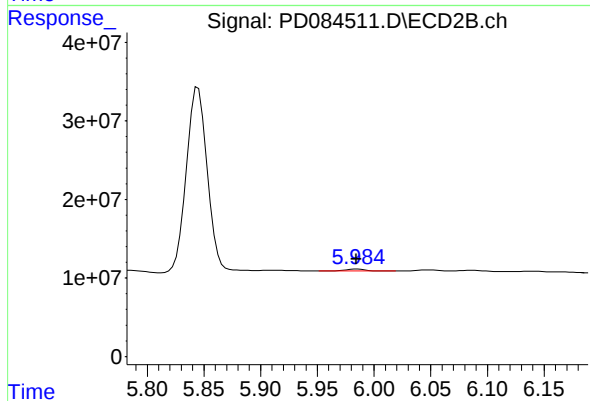
#14 Endrin

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 304754727
Conc: 46.33 ng/ml



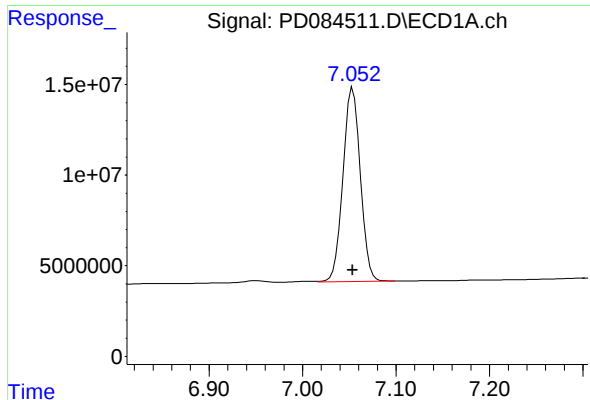
#16 4,4'-DDD

R.T.: 6.739 min
Delta R.T.: 0.002 min
Response: 432796
Conc: 0.37 ng/ml m



#16 4,4'-DDD

R.T.: 5.985 min
Delta R.T.: 0.000 min
Response: 2753492
Conc: 0.48 ng/ml



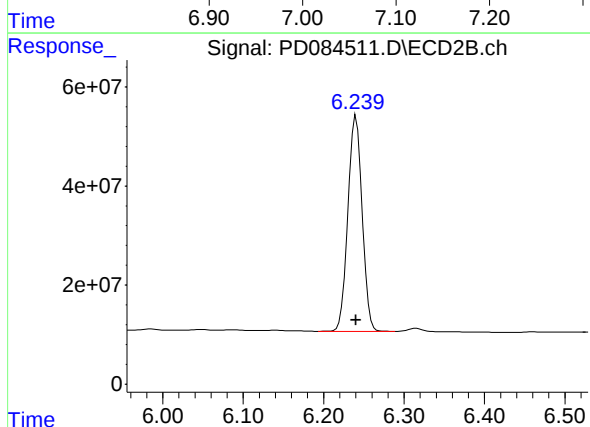
#17 4,4'-DDT

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 138325553
Conc: 100.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

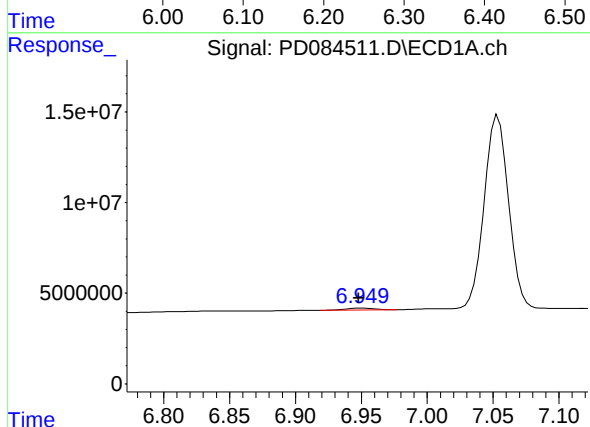
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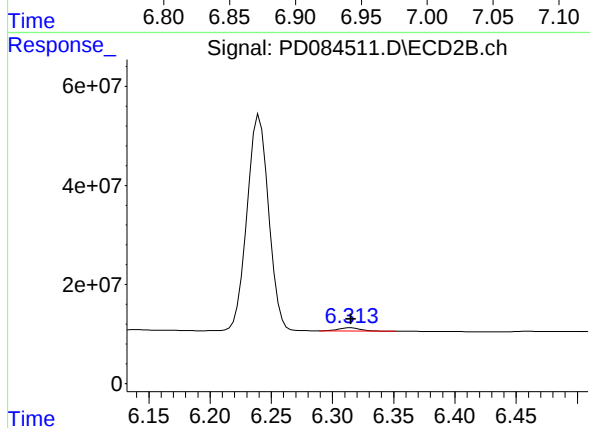
#17 4,4'-DDT

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 536996797
Conc: 90.54 ng/ml



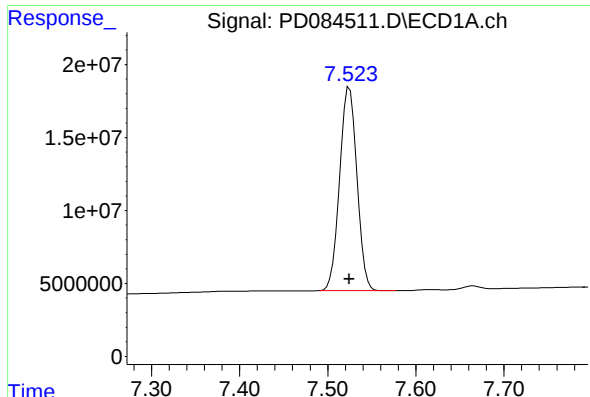
#18 Endrin aldehyde

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 1444942
Conc: 1.27 ng/ml m



#18 Endrin aldehyde

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 8793165
Conc: 1.97 ng/ml



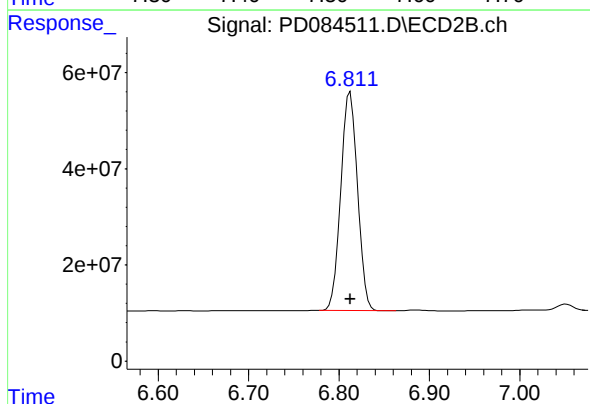
#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 190860444
Conc: 251.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

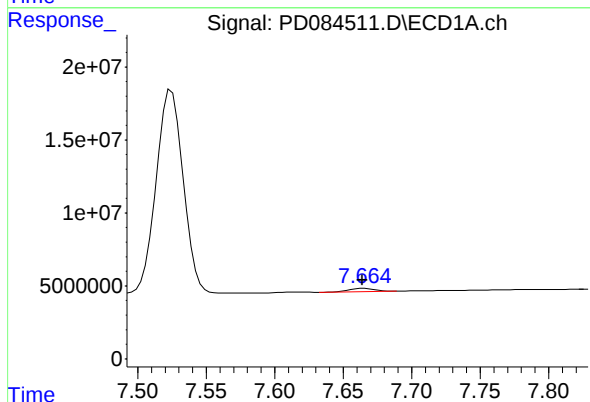
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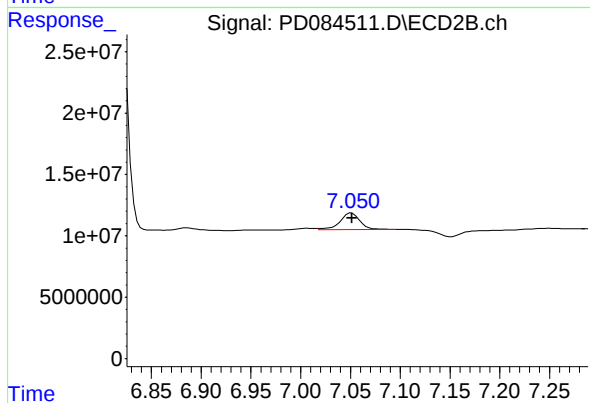
#20 Methoxychlor

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 586076222
Conc: 195.26 ng/ml



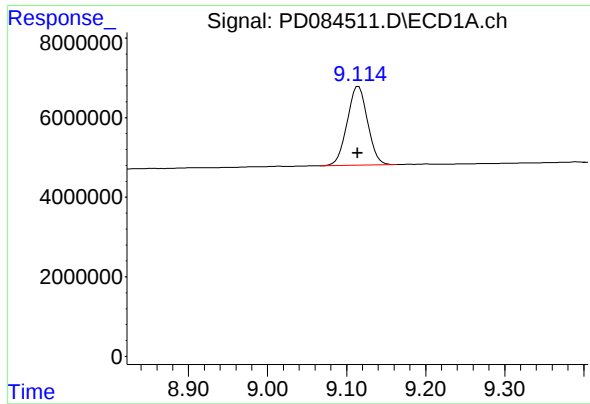
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: 0.001 min
Response: 2947327
Conc: 1.84 ng/ml



#21 Endrin ketone

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 18791280
Conc: 2.97 ng/ml



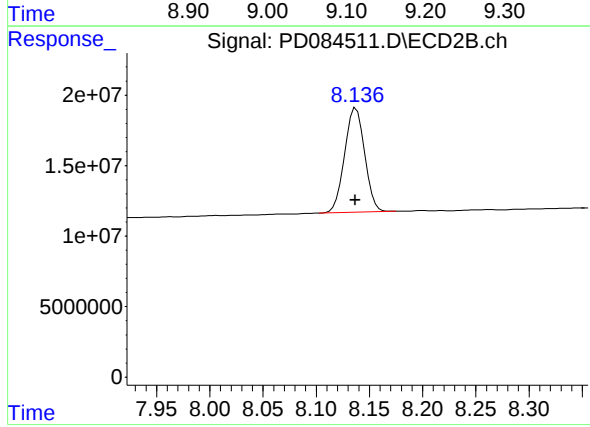
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.001 min
Response: 35467854
Conc: 20.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 96409255
Conc: 20.89 ng/ml