

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102124\
 Data File : PD086136.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2024 18:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/22/2024
 Supervised By :Ankita Jodhani 10/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 07:51:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:54:57 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...	3.381	2.822	33169157	200.4E6	19.918	20.049
28)	SA Decachlor...	8.818	7.977	44542489	201.6E6	20.897	18.919
Target Compounds							
2)	A alpha-BHC	3.823	3.327	35440042	180.4E6	9.634m	10.879
3)	MA gamma-BHC...	4.152	3.657	36774737	161.6E6	10.303	10.466m
6)	B beta-BHC	4.342	3.952	13082751	70119306	10.839	11.336
12)	B 4,4'-DDE	6.010	5.292	4442233	15426800	1.755	1.152 #
14)	MA Endrin	6.376	5.704	105.8E6	604.6E6	44.722	47.197
16)	A 4,4'-DDD	6.516	5.844	11022274	30016262	5.436	2.659 #
17)	MA 4,4'-DDT	6.828	6.097	163.1E6	1092.9E6	98.741	93.593
18)	B Endrin al...	6.718	6.172	4072838	28559354	2.297	3.016 #
20)	A Methoxychlor	7.303	6.667	204.4E6	1215.7E6	239.968	209.311
21)	B Endrin ke...	7.427	6.902	7866203	49329448	3.529	3.797

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

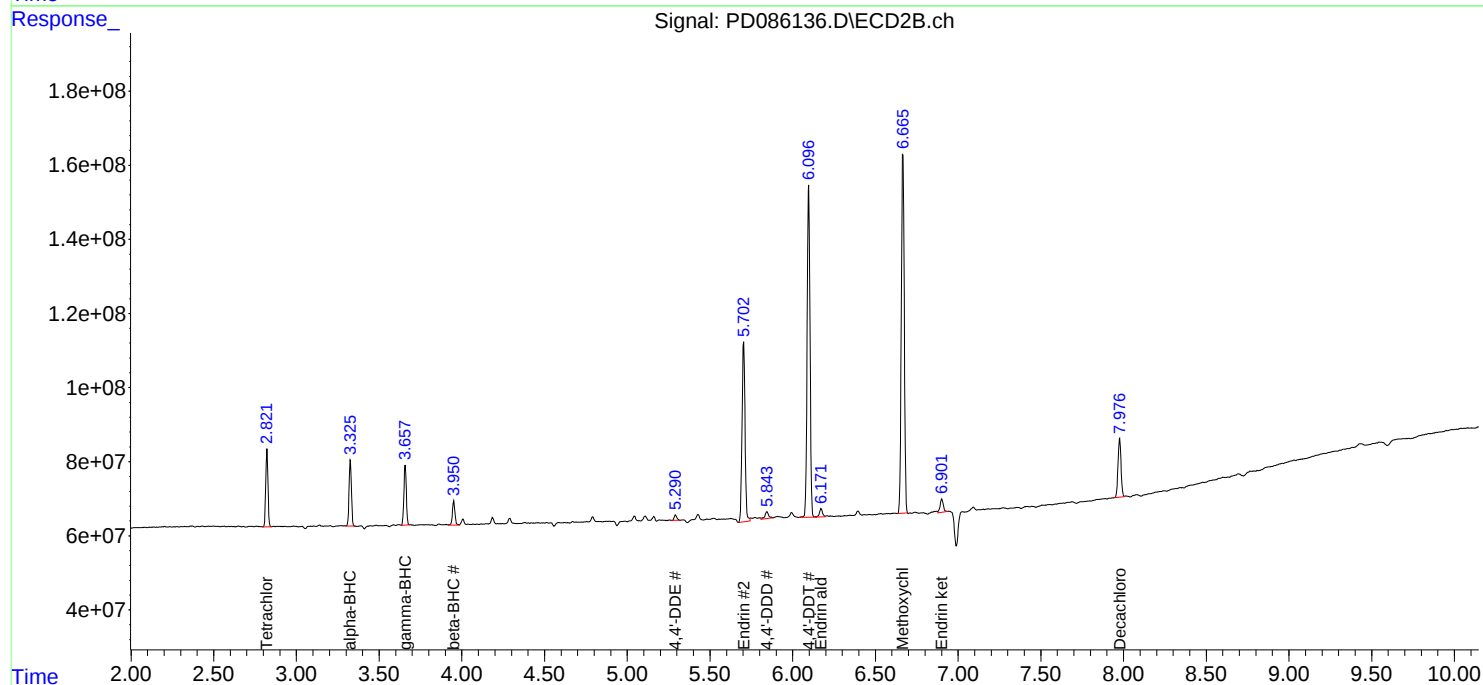
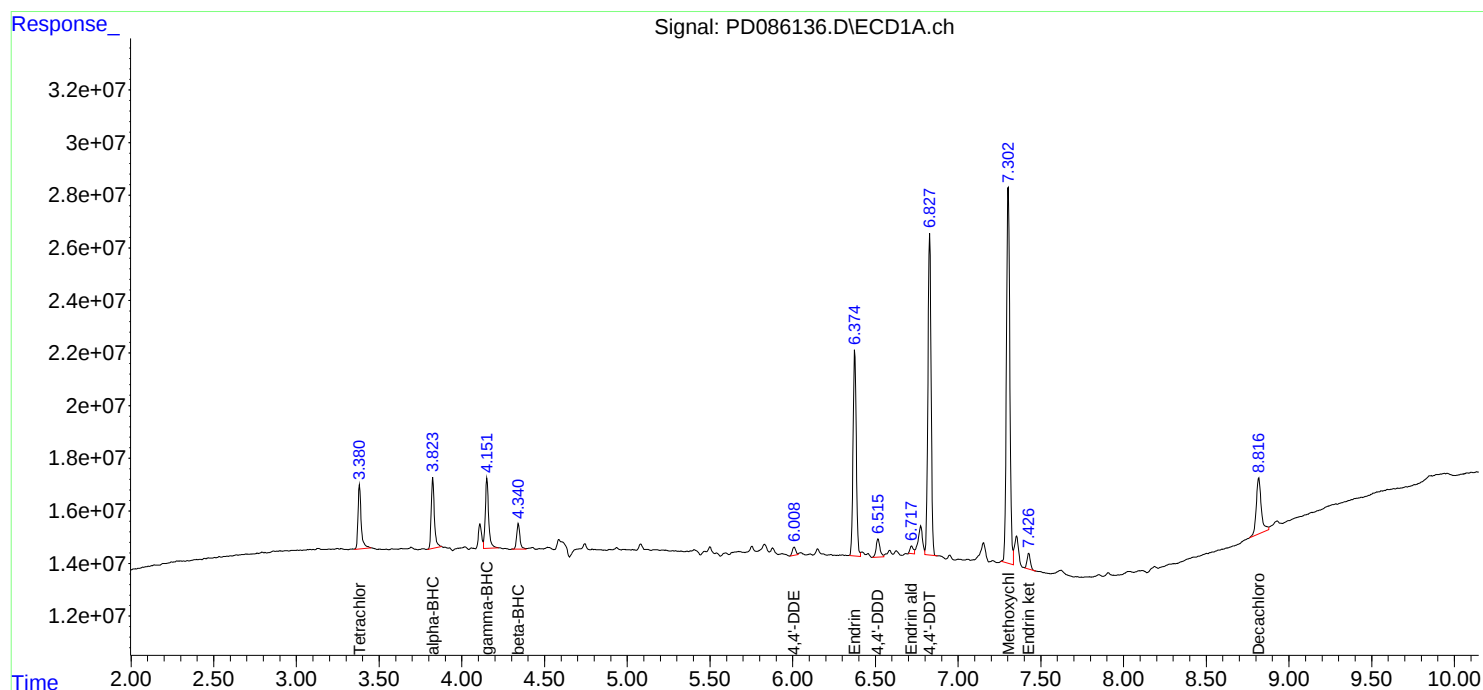
Instrument :
ECD_D
ClientSampleId :
PEM

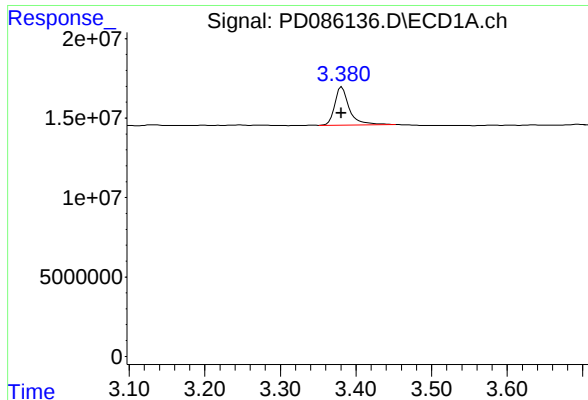
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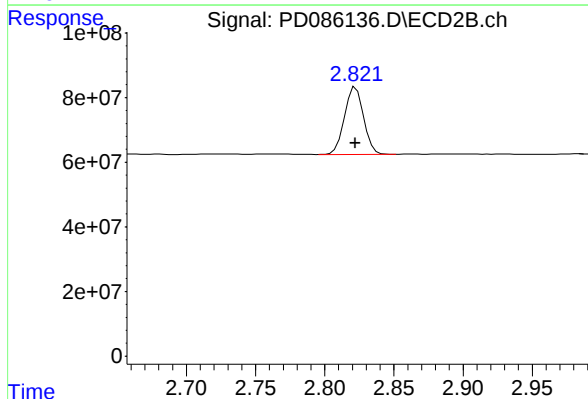
#1 Tetrachloro-m-xylene

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 33169157
Conc: 19.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

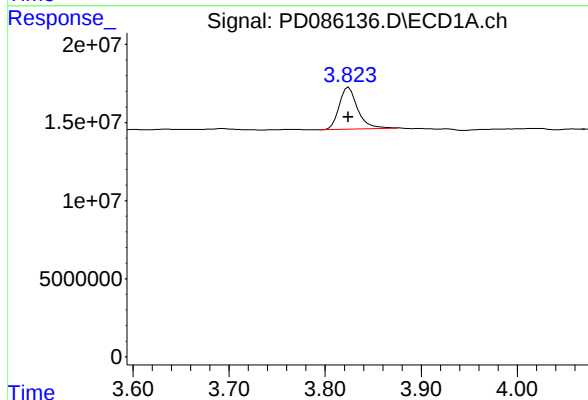
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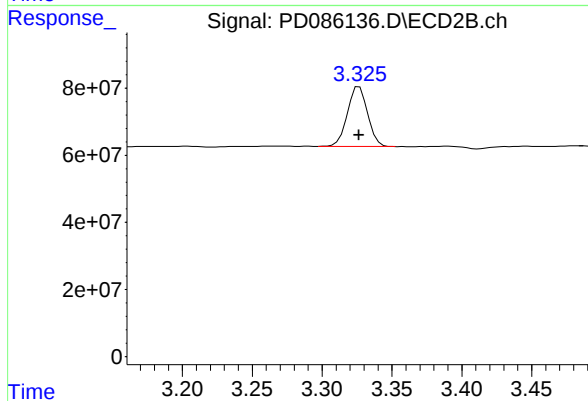
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 200357691
Conc: 20.05 ng/ml



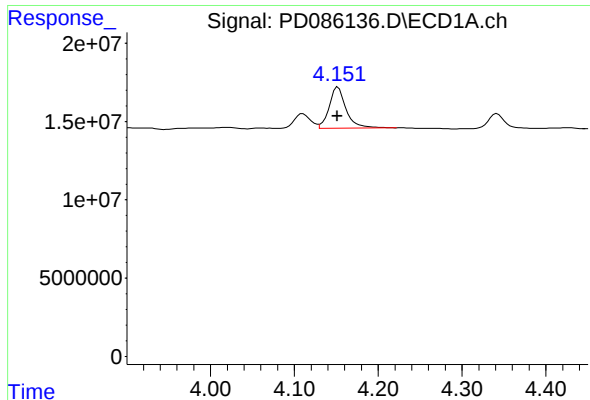
#2 alpha-BHC

R.T.: 3.823 min
Delta R.T.: 0.000 min
Response: 35440042
Conc: 9.63 ng/ml m



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 180431394
Conc: 10.88 ng/ml



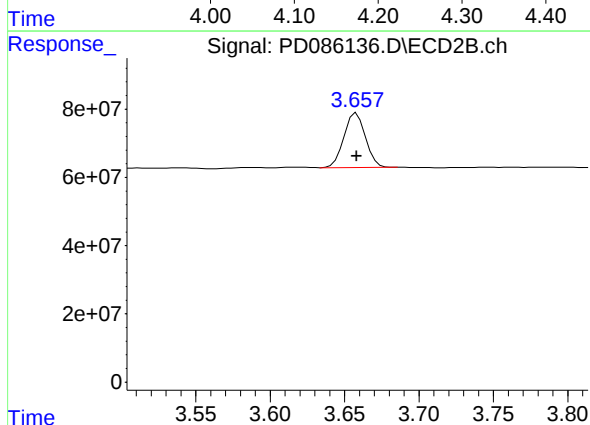
#3 gamma-BHC (Lindane)

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 36774737
Conc: 10.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

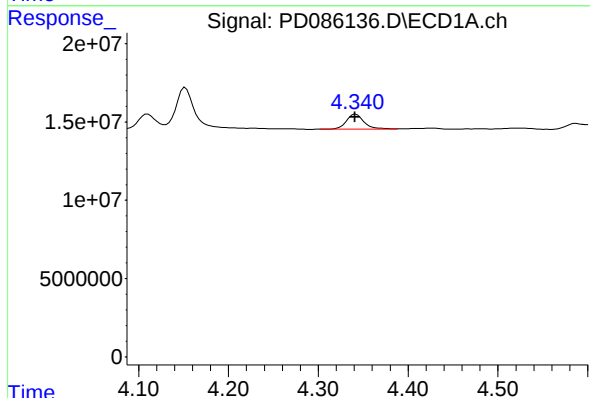
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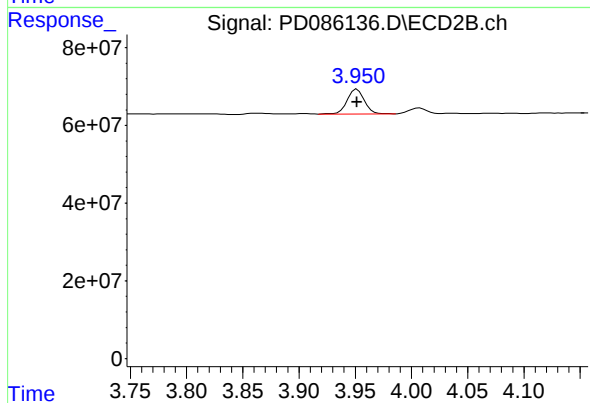
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: -0.001 min
Response: 161585563
Conc: 10.47 ng/ml



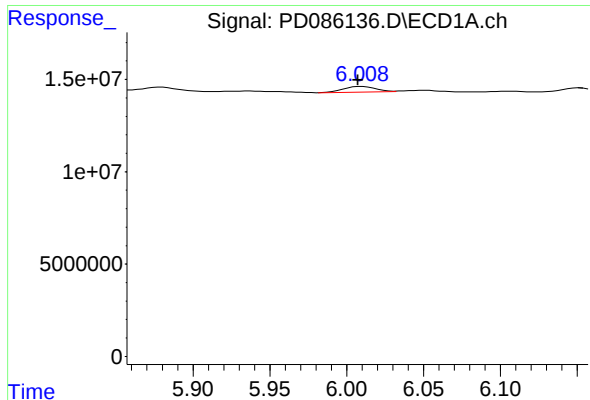
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 13082751
Conc: 10.84 ng/ml



#6 beta-BHC

R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 70119306
Conc: 11.34 ng/ml



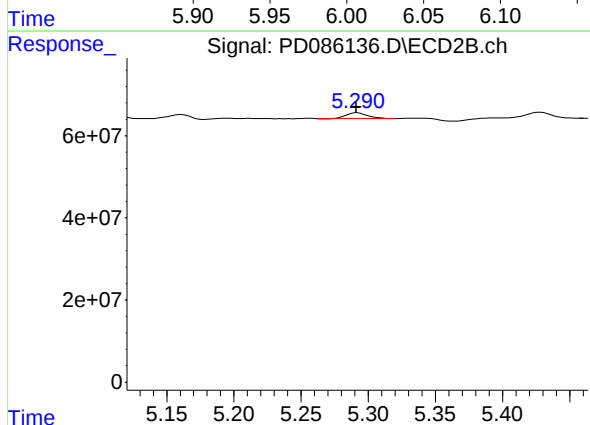
#12 4,4'-DDE

R.T.: 6.010 min
Delta R.T.: 0.002 min
Response: 4442233
Conc: 1.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

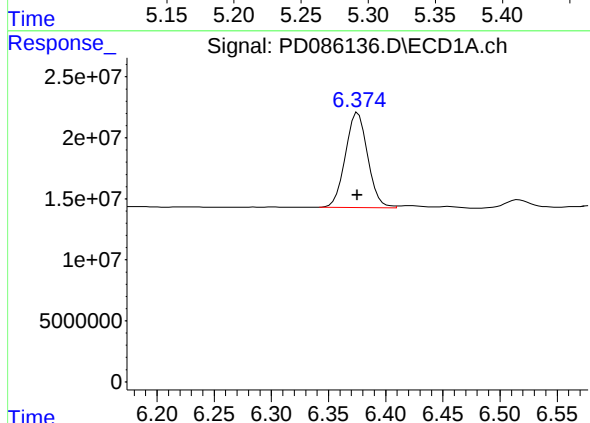
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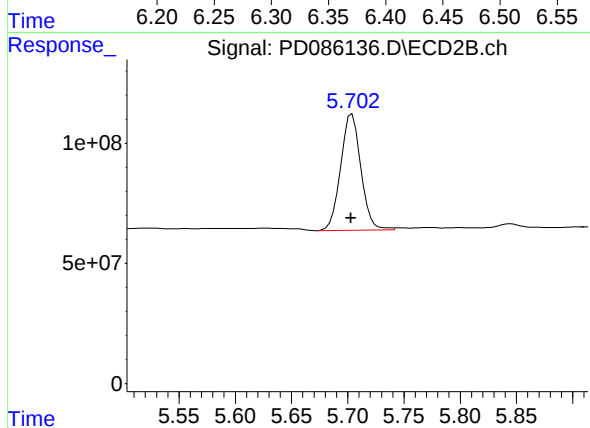
#12 4,4'-DDE

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 15426800
Conc: 1.15 ng/ml



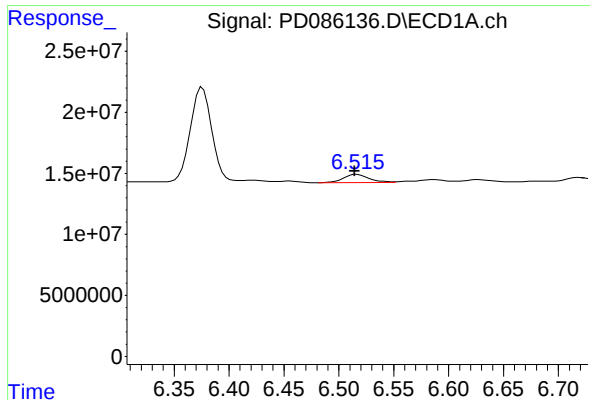
#14 Endrin

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 105789436
Conc: 44.72 ng/ml



#14 Endrin

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 604597420
Conc: 47.20 ng/ml



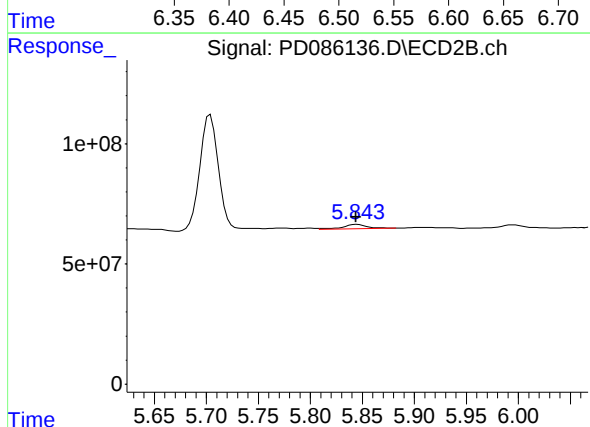
#16 4,4'-DDD

R.T.: 6.516 min
Delta R.T.: 0.002 min
Response: 11022274
Conc: 5.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

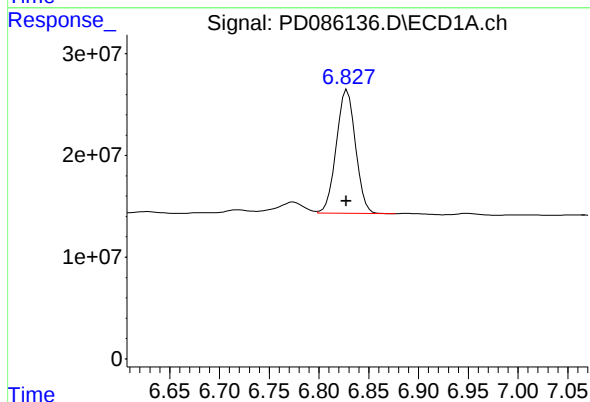
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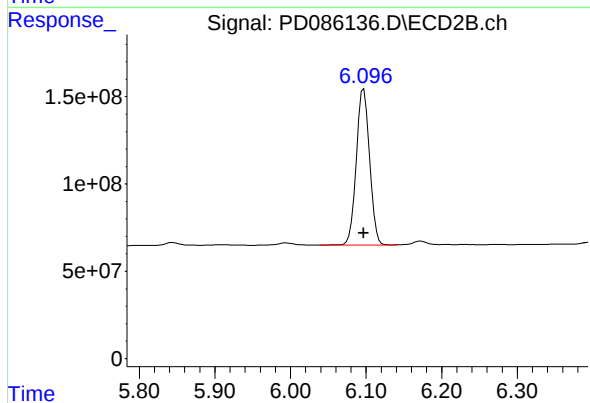
#16 4,4'-DDD

R.T.: 5.844 min
Delta R.T.: 0.000 min
Response: 30016262
Conc: 2.66 ng/ml



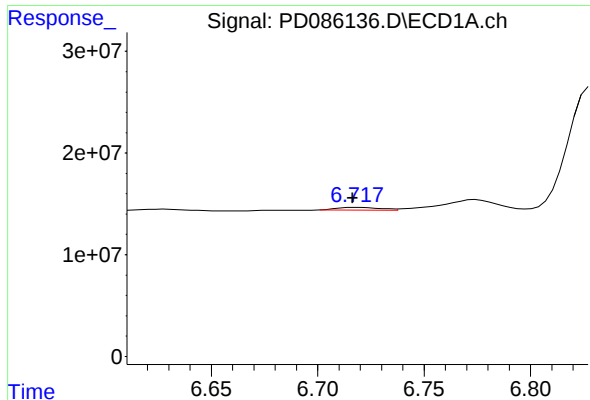
#17 4,4'-DDT

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 163137163
Conc: 98.74 ng/ml



#17 4,4'-DDT

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 1092865307
Conc: 93.59 ng/ml



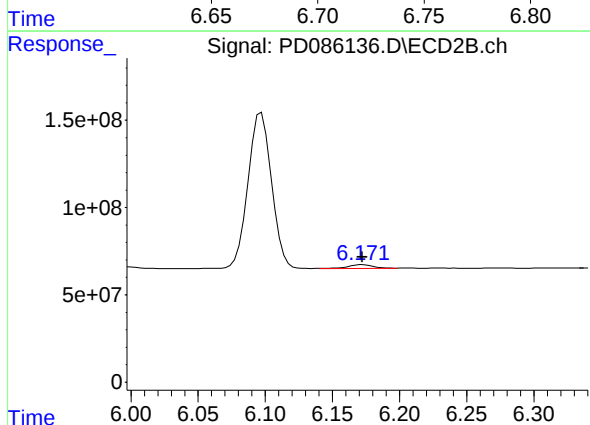
#18 Endrin aldehyde

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 4072838
Conc: 2.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

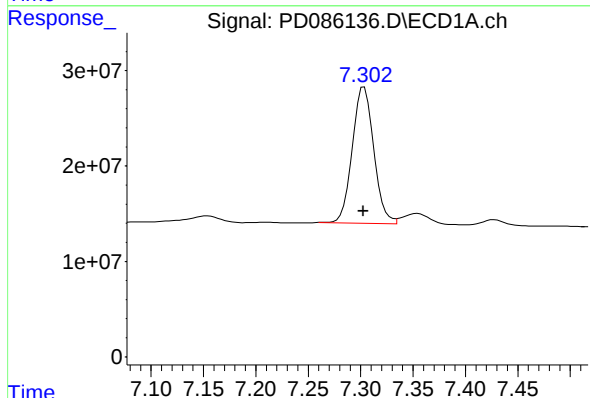
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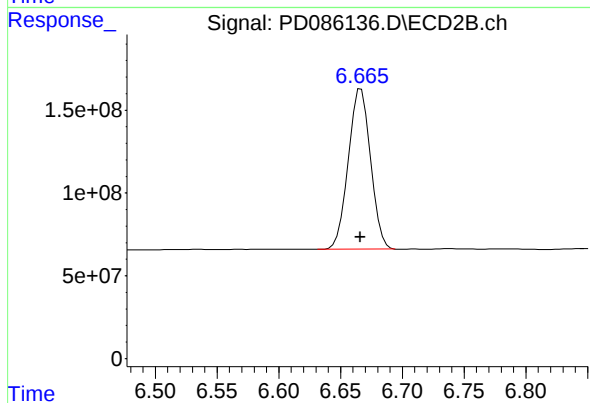
#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 28559354
Conc: 3.02 ng/ml



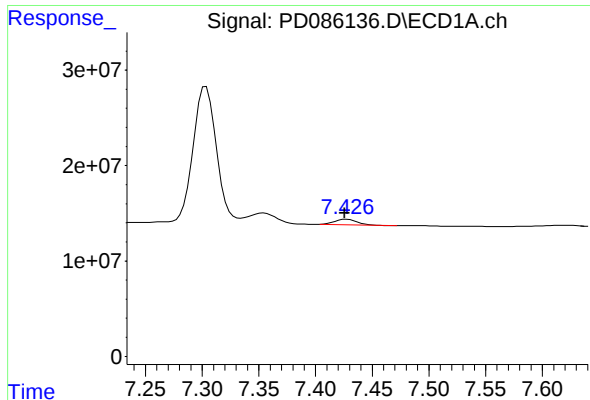
#20 Methoxychlor

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 204366671
Conc: 239.97 ng/ml



#20 Methoxychlor

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 1215721883
Conc: 209.31 ng/ml



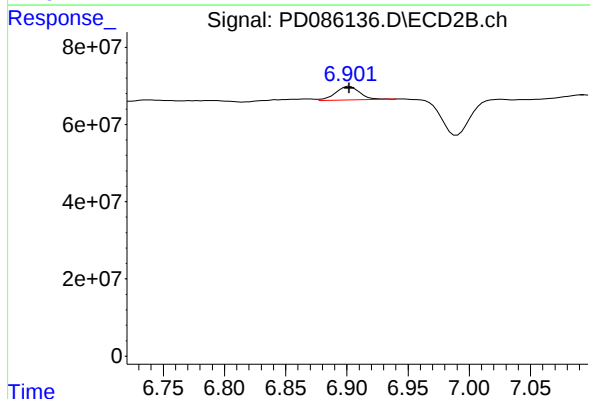
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: 0.002 min
Response: 7866203
Conc: 3.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

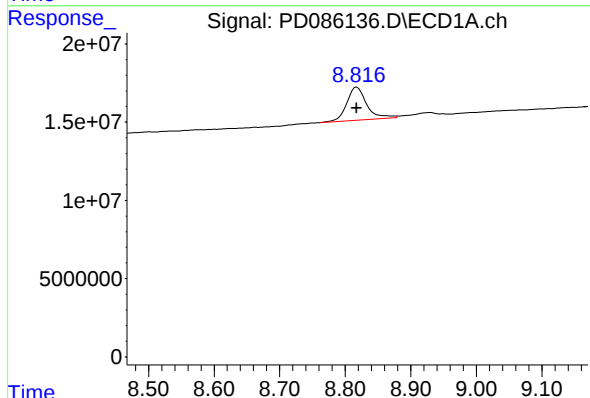
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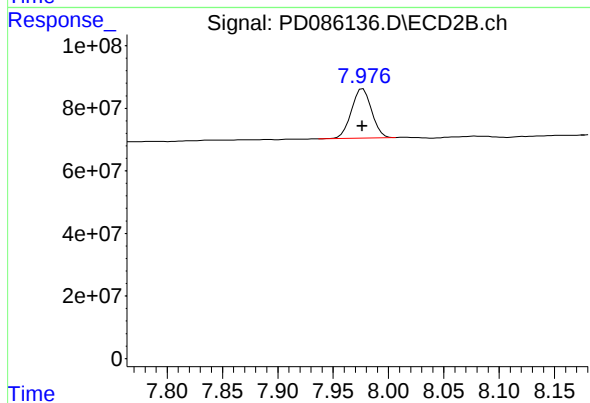
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: 0.000 min
Response: 49329448
Conc: 3.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 44542489
Conc: 20.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 201559248
Conc: 18.92 ng/ml