

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102022\
 Data File : PD072552.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2022 22:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/21/2022
 Supervised By : Ankita Jodhani 10/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 04:10:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102022.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 02:43:40 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	2.705	3.466	49517307	682.8E6	19.874	20.538
28)	SA Decachlor...	7.840	8.923	46031638	184.2E6	20.452	20.478
Target Compounds							
2)	A alpha-BHC	3.210	3.931	37142936	498.5E6	9.435	10.886
3)	MA gamma-BHC...	3.541	4.265	32757098	416.3E6	10.040	11.362
6)	B beta-BHC	3.843	4.480	17098268	162.5E6	10.752	11.411
14)	MA Endrin	5.571	6.496	126.1E6	585.8E6	46.450	44.174
16)	A 4,4'-DDD	5.718	6.631	3136862	23489557	1.278	1.906 #
17)	MA 4,4'-DDT	5.967	6.938	246.9E6	1102.8E6	105.395	92.504
18)	B Endrin al...	6.051	6.856	4199973	19647722	2.137	2.036m
20)	A Methoxychlor	6.550	7.418	326.6E6	1308.3E6	241.426	220.945
21)	B Endrin ke...	6.784	7.581	11585909	42822325	3.878	3.432

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

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

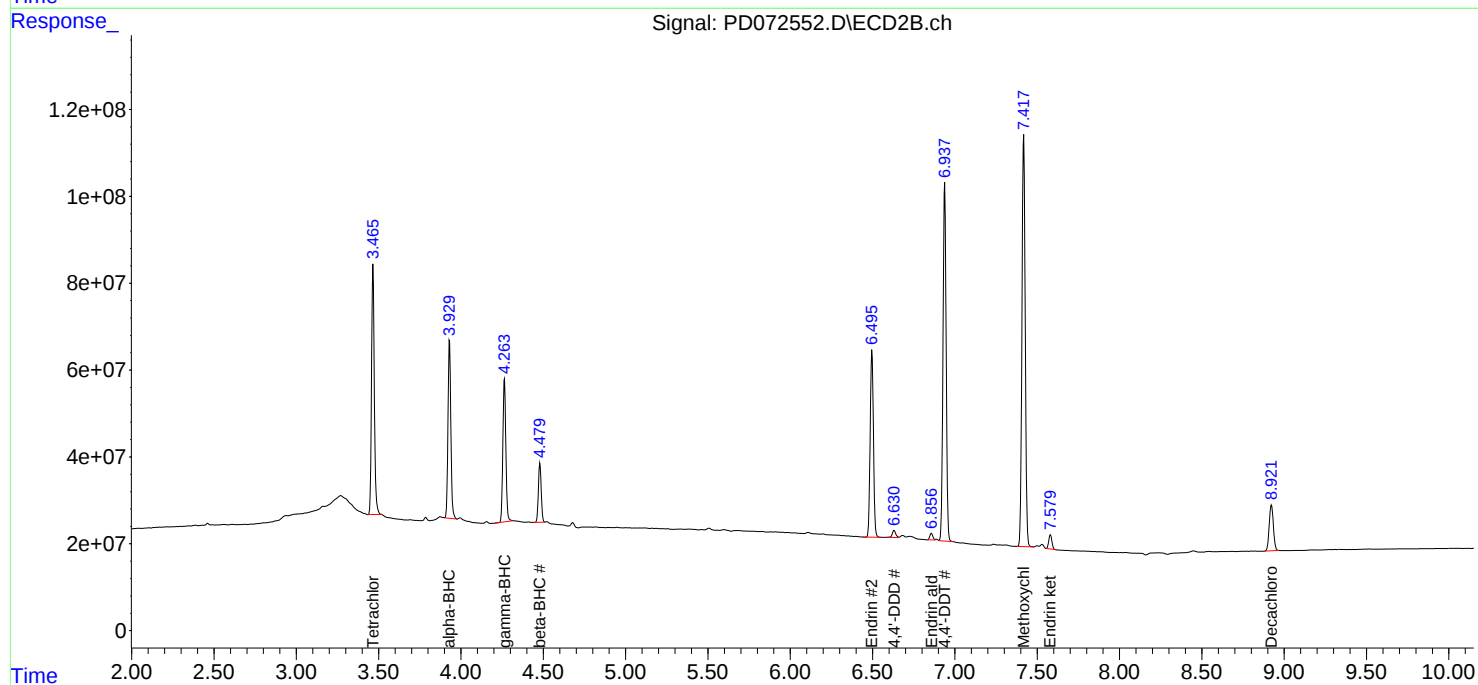
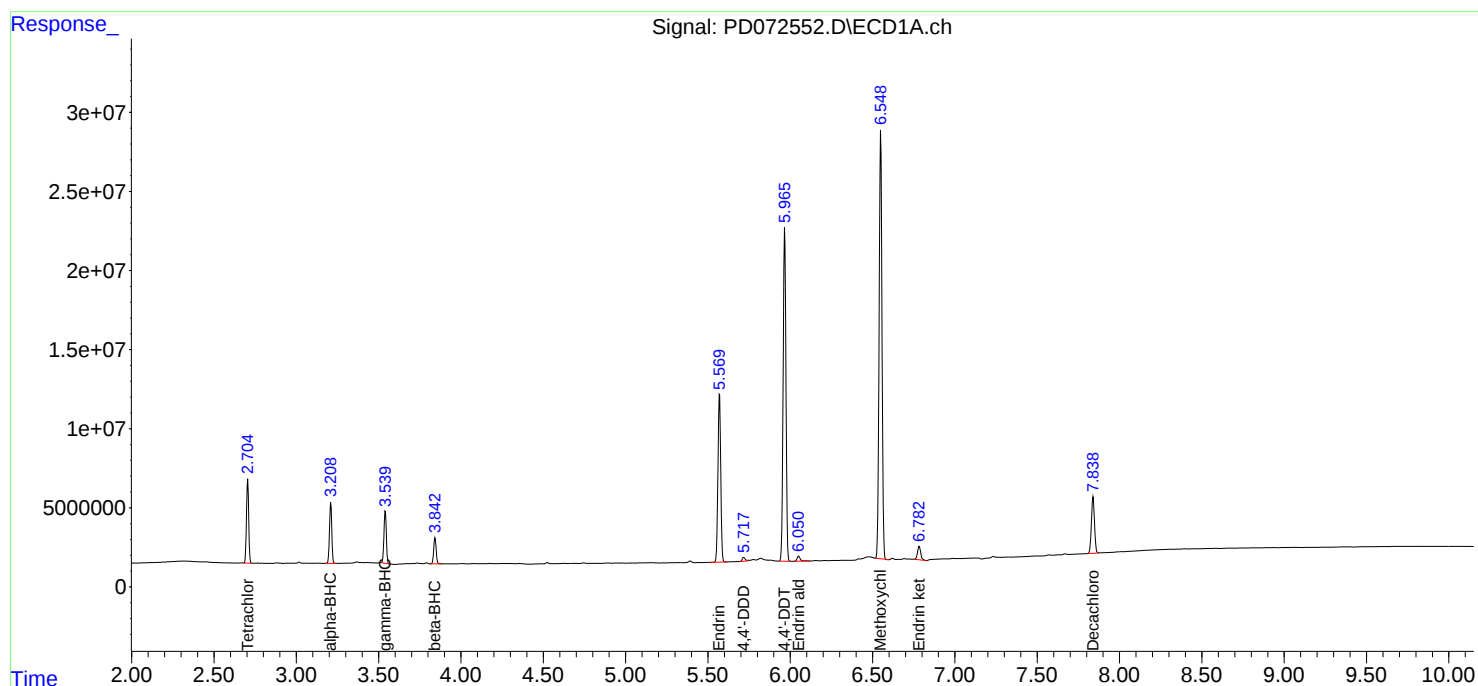
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PEM

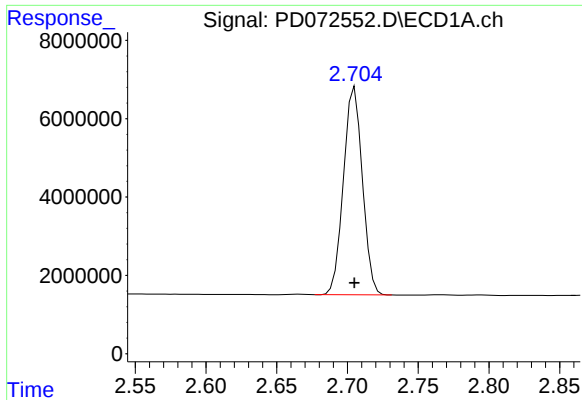
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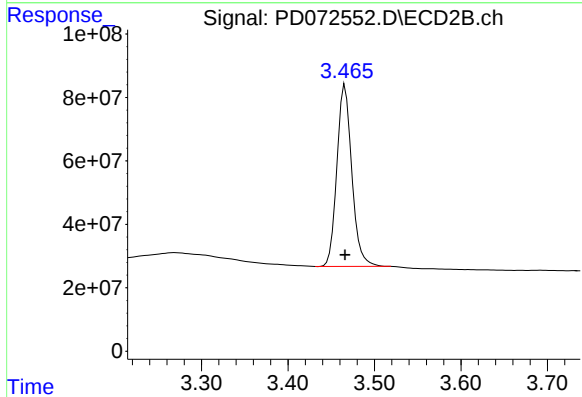
#1 Tetrachloro-m-xylene

R.T.: 2.705 min
Delta R.T.: 0.000 min
Response: 49517307
Conc: 19.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

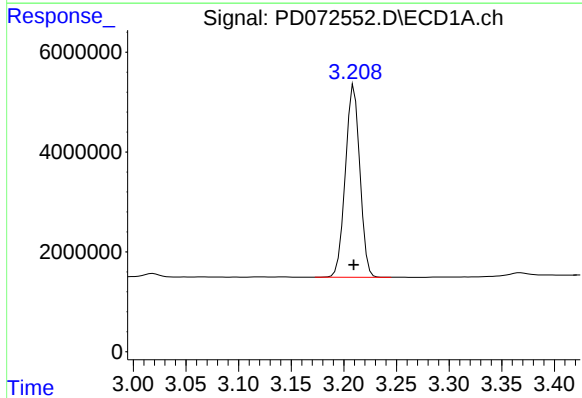
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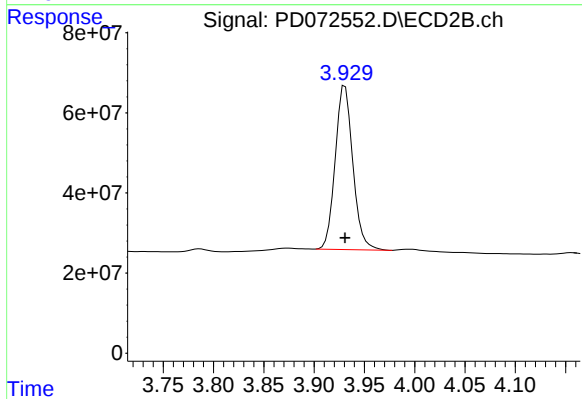
#1 Tetrachloro-m-xylene

R.T.: 3.466 min
Delta R.T.: 0.000 min
Response: 682810742
Conc: 20.54 ng/ml



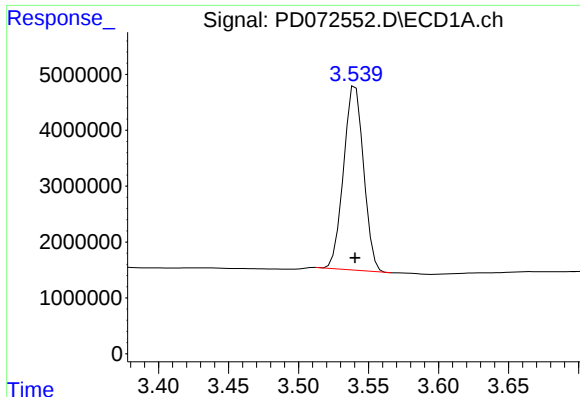
#2 alpha-BHC

R.T.: 3.210 min
Delta R.T.: 0.000 min
Response: 37142936
Conc: 9.44 ng/ml



#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 498455386
Conc: 10.89 ng/ml



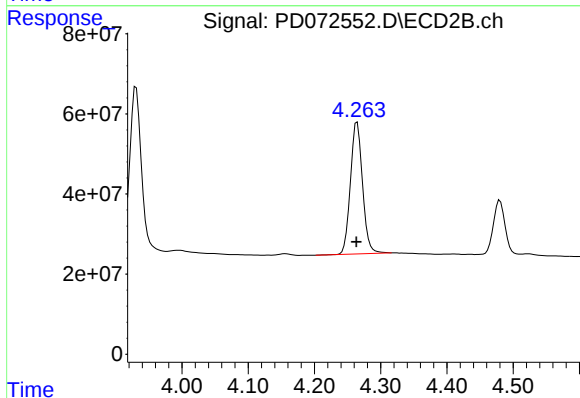
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 32757098
Conc: 10.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

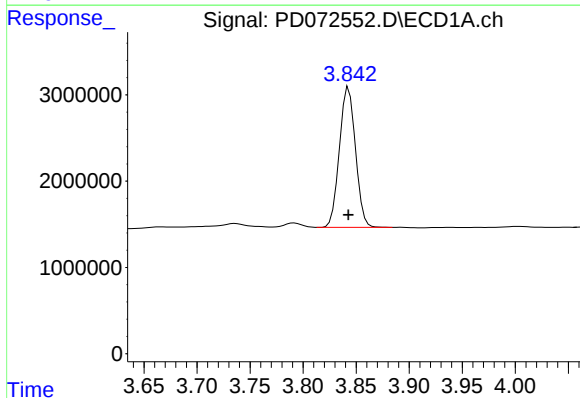
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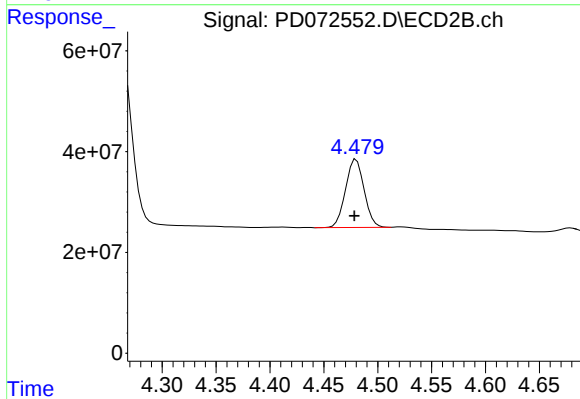
#3 gamma-BHC (Lindane)

R.T.: 4.265 min
Delta R.T.: 0.001 min
Response: 416308094
Conc: 11.36 ng/ml



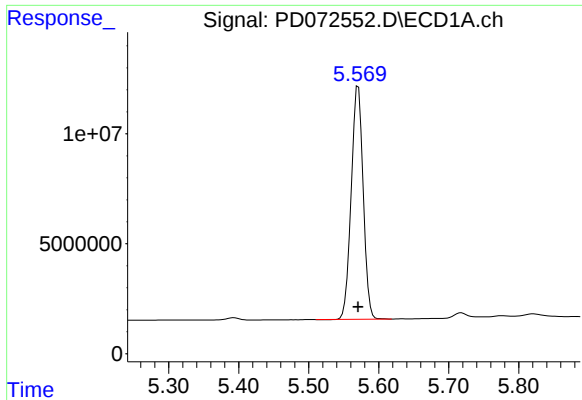
#6 beta-BHC

R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 17098268
Conc: 10.75 ng/ml



#6 beta-BHC

R.T.: 4.480 min
Delta R.T.: 0.002 min
Response: 162527506
Conc: 11.41 ng/ml



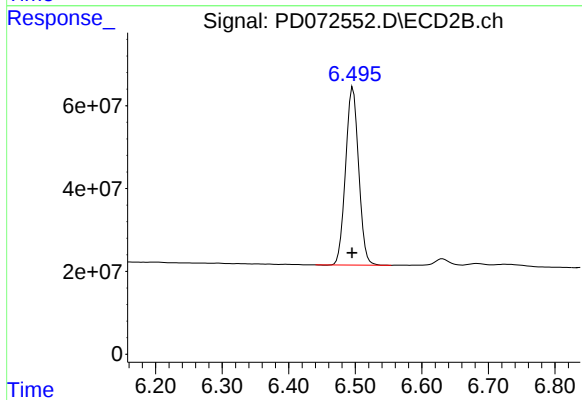
#14 Endrin

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 126121780
Conc: 46.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

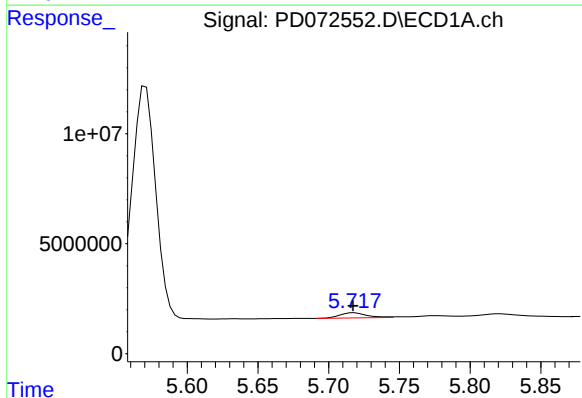
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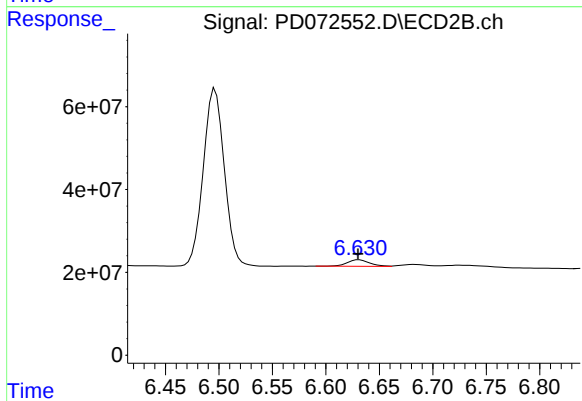
#14 Endrin

R.T.: 6.496 min
Delta R.T.: 0.001 min
Response: 585838615
Conc: 44.17 ng/ml



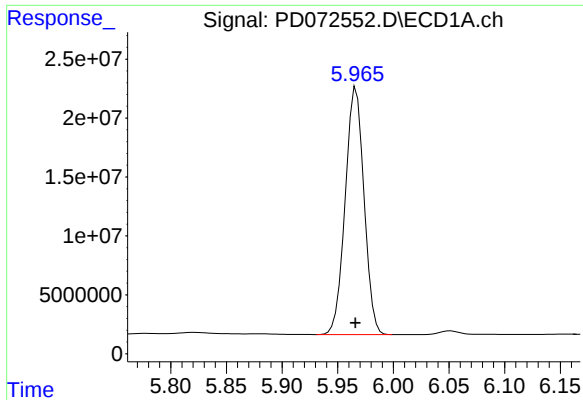
#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 3136862
Conc: 1.28 ng/ml



#16 4,4'-DDD

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 23489557
Conc: 1.91 ng/ml



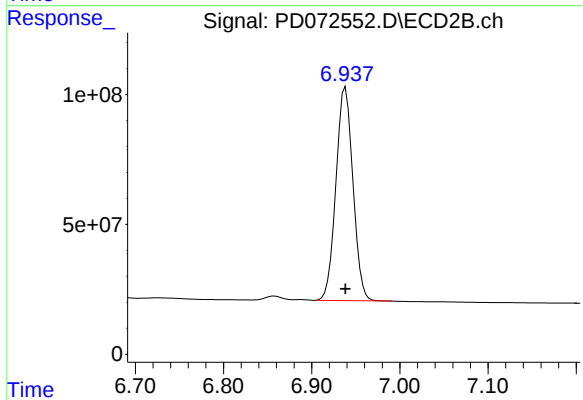
#17 4,4'-DDT

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 246853708
Conc: 105.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

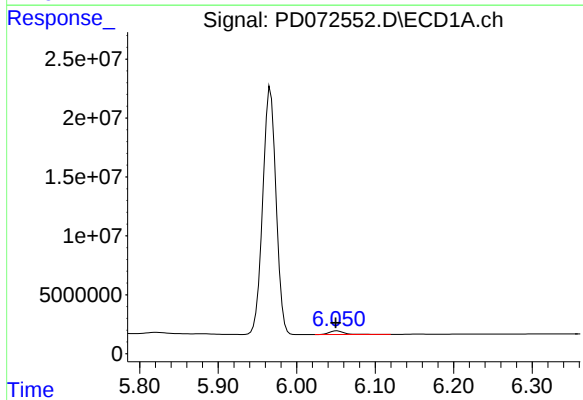
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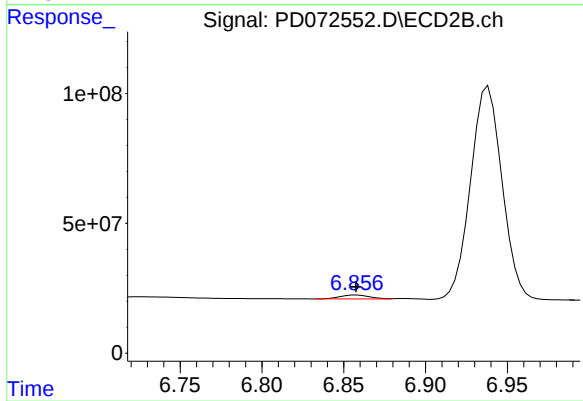
#17 4,4'-DDT

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 1102779693
Conc: 92.50 ng/ml



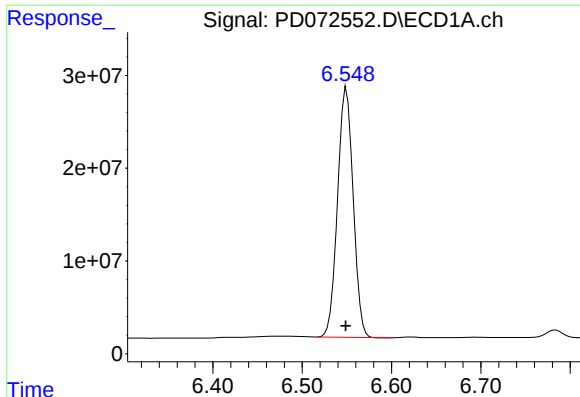
#18 Endrin aldehyde

R.T.: 6.051 min
Delta R.T.: 0.002 min
Response: 4199973
Conc: 2.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.856 min
Delta R.T.: -0.001 min
Response: 19647722
Conc: 2.04 ng/ml m



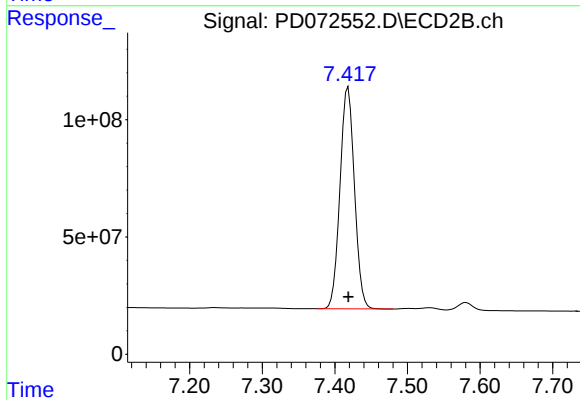
#20 Methoxychlor

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 326639205
Conc: 241.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

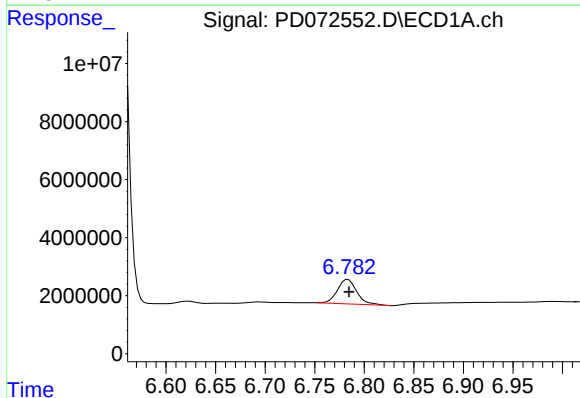
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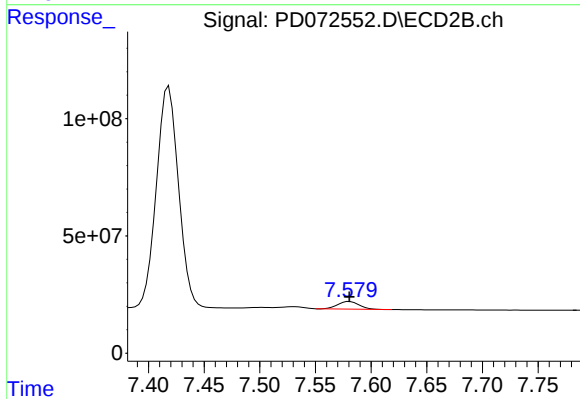
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 1308260011
Conc: 220.95 ng/ml



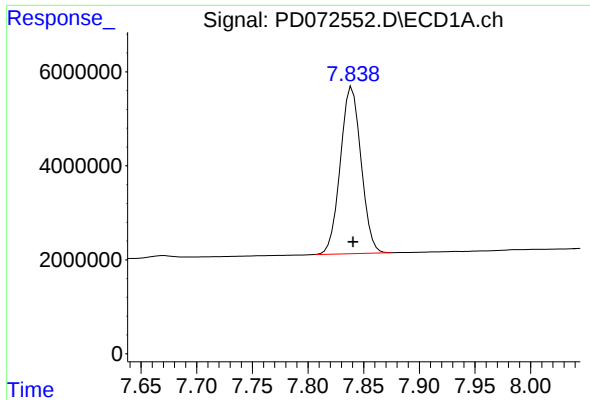
#21 Endrin ketone

R.T.: 6.784 min
Delta R.T.: -0.001 min
Response: 11585909
Conc: 3.88 ng/ml



#21 Endrin ketone

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 42822325
Conc: 3.43 ng/ml



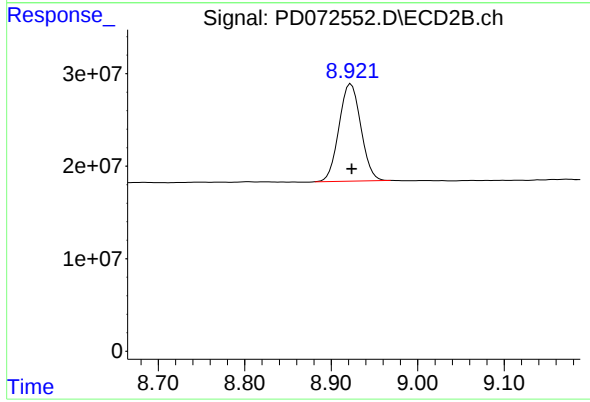
#28 Decachlorobiphenyl

R.T.: 7.840 min
Delta R.T.: 0.000 min
Response: 46031638
Conc: 20.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.923 min
Delta R.T.: 0.000 min
Response: 184234590
Conc: 20.48 ng/ml