

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060622\
 Data File : PD070116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2022 13:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/07/2022
 Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 06:28:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 06:00:04 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...	3.440	4.167	21658252	201.1E6	19.949	20.605
28)	SA Decachlor...	8.191	9.359	22706096	126.8E6	20.417	20.621
Target Compounds							
2)	A alpha-BHC	3.879	4.564	15376761	152.2E6	9.401	10.446
3)	MA gamma-BHC...	4.162	4.854	15127068	142.4E6	9.824	10.556
6)	B beta-BHC	4.411	5.018	8005917	64843005	11.128m	10.651
12)	B 4,4'-DDE	5.597	6.542	250397	3295089	0.200m	0.314m#
14)	MA Endrin	5.988	6.922	59634730	403.6E6	49.519	48.077
16)	A 4,4'-DDD	6.116	7.033	1545565	12631964	1.423	1.502m
17)	MA 4,4'-DDT	6.356	7.337	108.7E6	773.4E6	102.420	90.112
18)	B Endrin al...	6.431	7.250	727671	2867162	0.786	0.418m#
20)	A Methoxychlor	6.905	7.791	145.8E6	911.9E6	236.522	216.270
21)	B Endrin ke...	7.135	7.953	1652500	10171359	1.228m	1.172

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

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Data File : PD070116.D
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Acq On : 06 Jun 2022 13:02
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

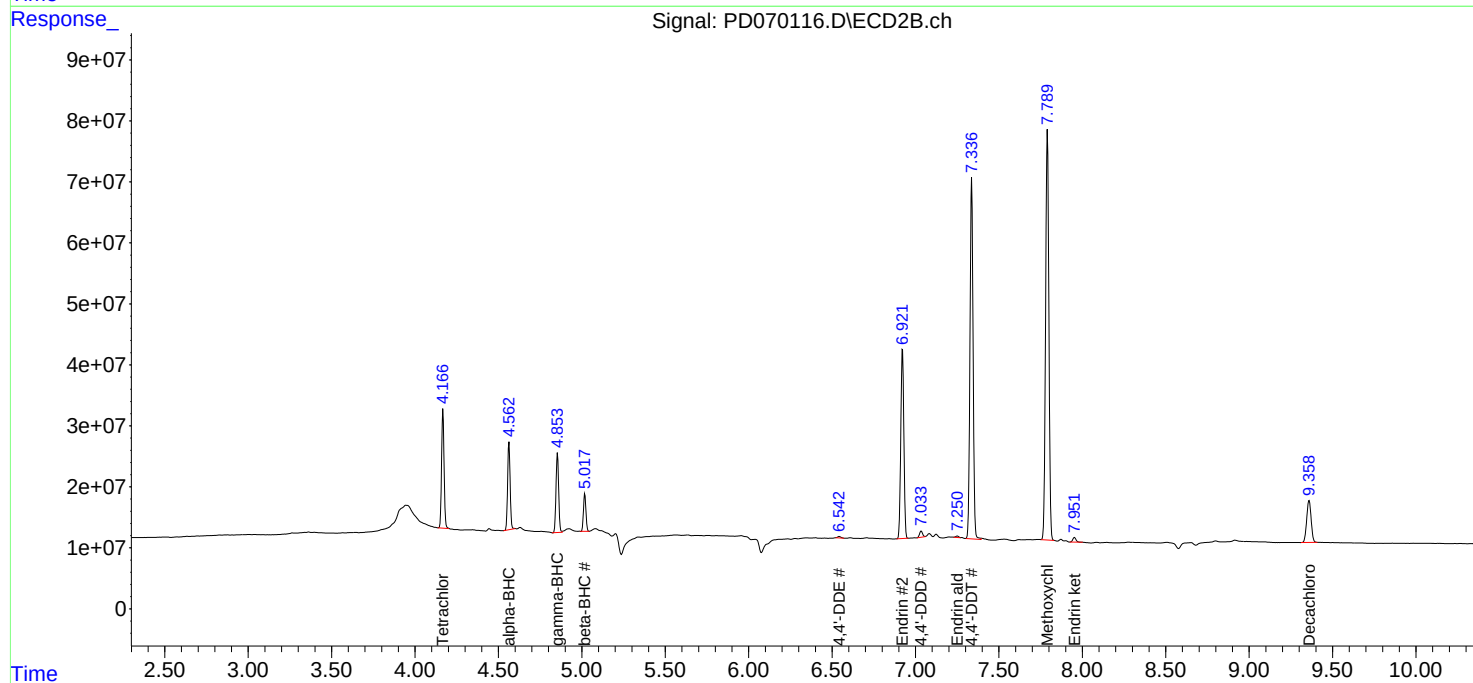
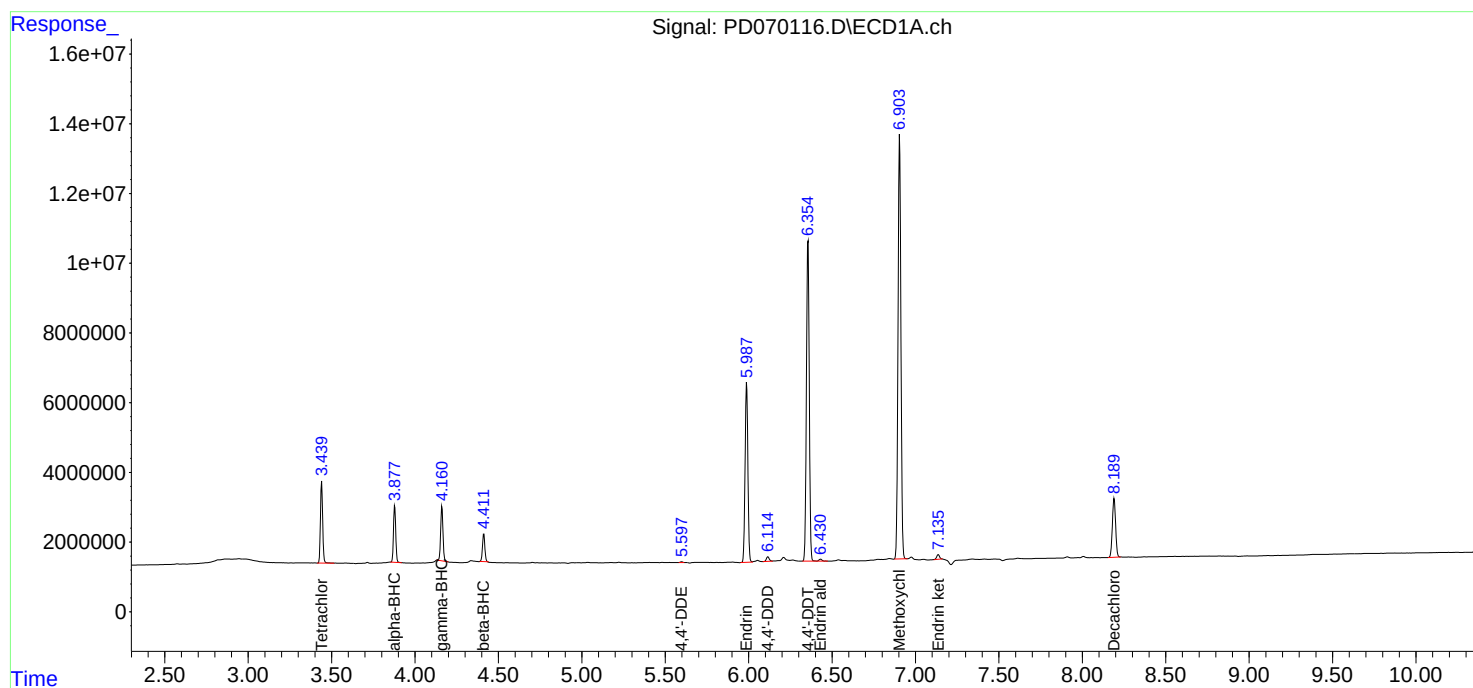
Instrument :
ECD_D
ClientSampleId :
PEM

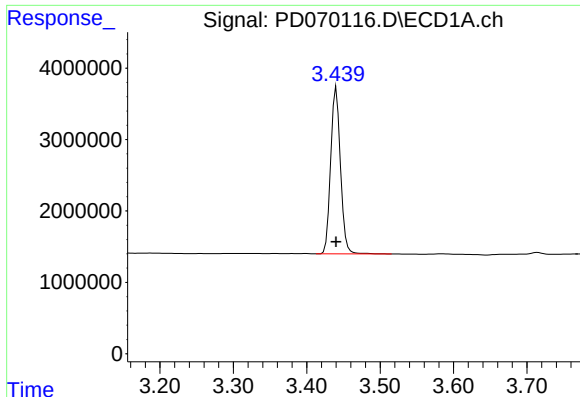
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
Quant Title : GC Extractables
QLast Update : Tue Jun 07 06:00:04 2022
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





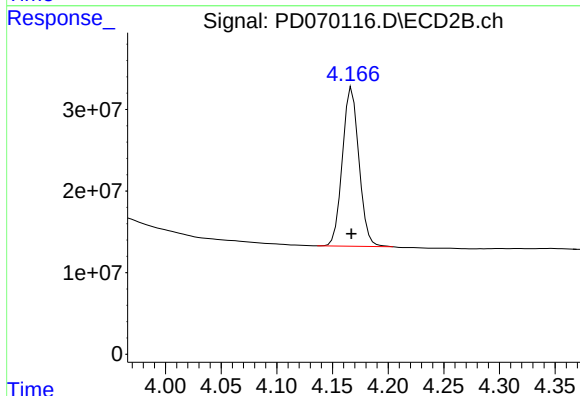
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 21658252
Conc: 19.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

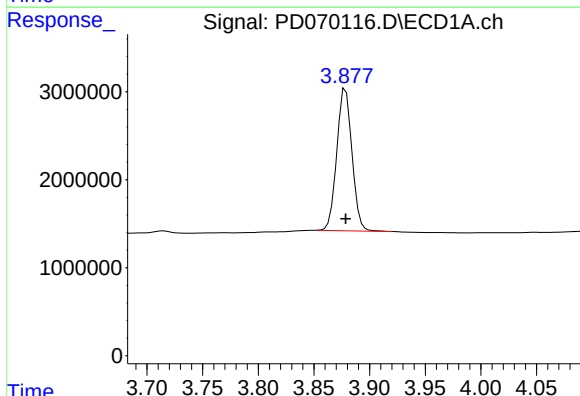
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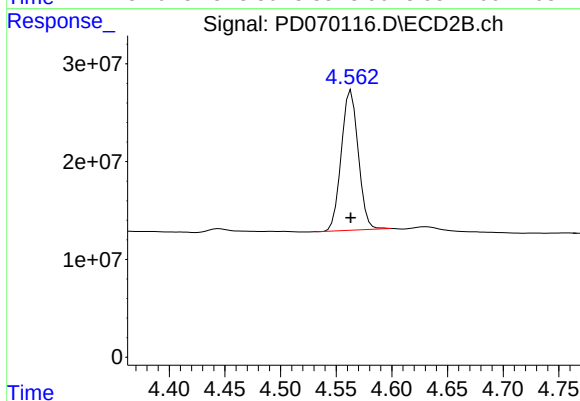
#1 Tetrachloro-m-xylene

R.T.: 4.167 min
Delta R.T.: 0.000 min
Response: 201135613
Conc: 20.61 ng/ml



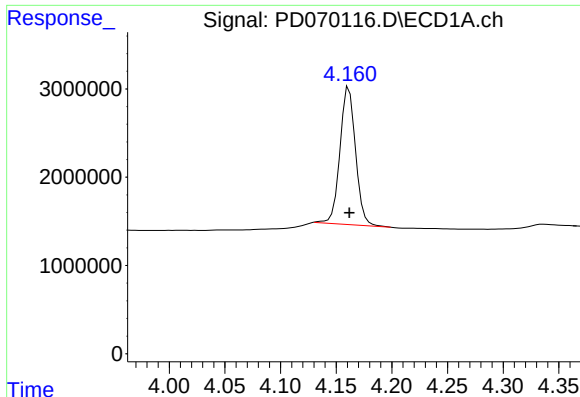
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: 0.000 min
Response: 15376761
Conc: 9.40 ng/ml



#2 alpha-BHC

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 152234833
Conc: 10.45 ng/ml



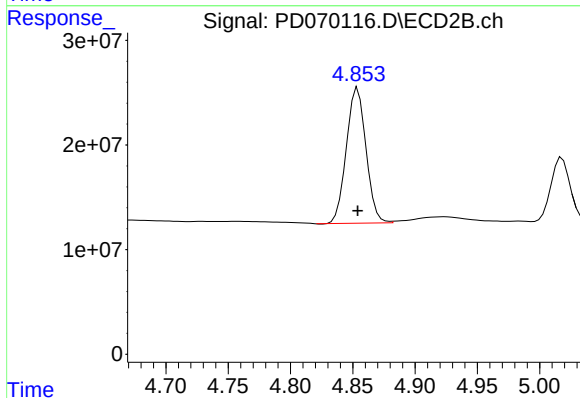
#3 gamma-BHC (Lindane)

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 15127068
Conc: 9.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

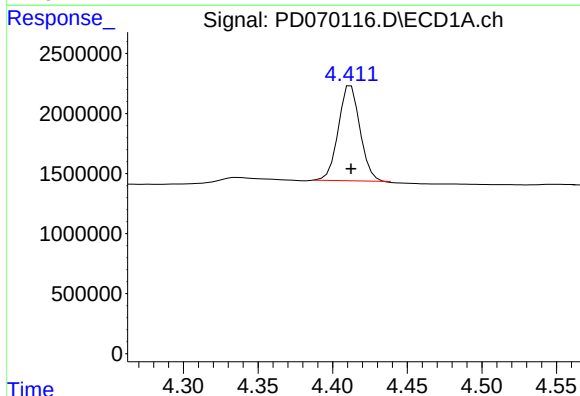
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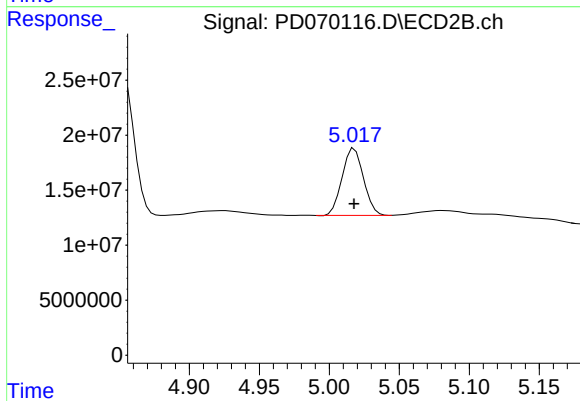
#3 gamma-BHC (Lindane)

R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 142445269
Conc: 10.56 ng/ml



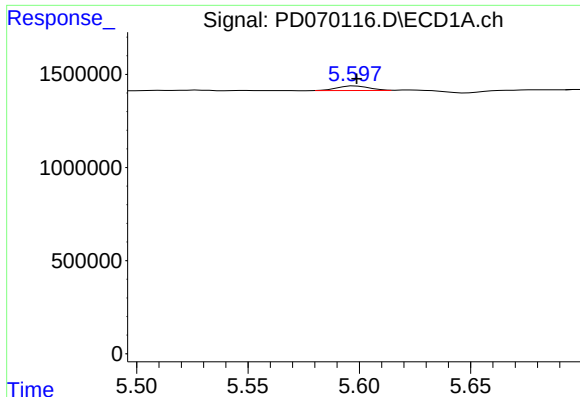
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.001 min
Response: 8005917
Conc: 11.13 ng/ml m



#6 beta-BHC

R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 64843005
Conc: 10.65 ng/ml



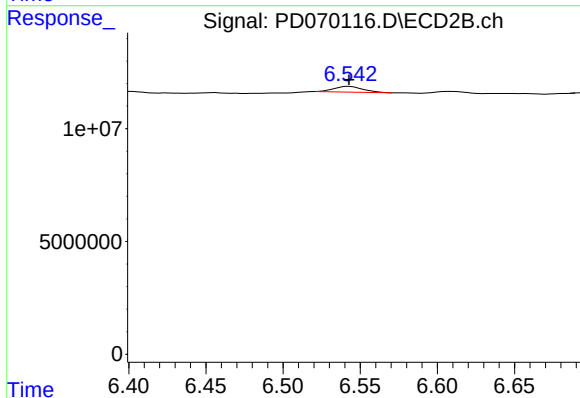
#12 4,4'-DDE

R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 250397
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

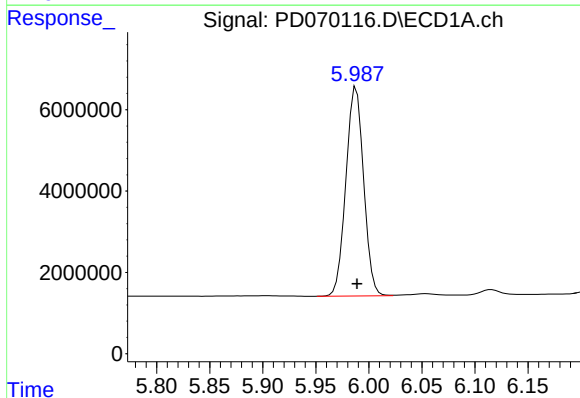
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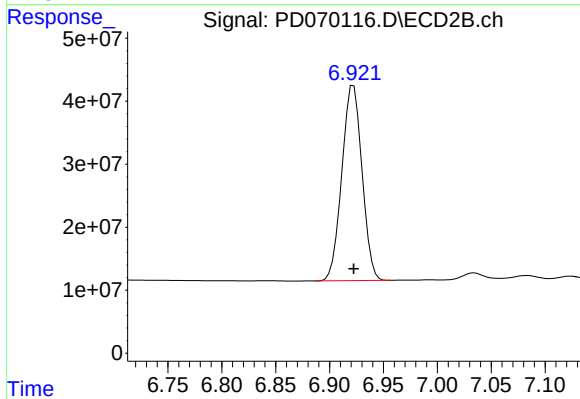
#12 4,4'-DDE

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 3295089
Conc: 0.31 ng/ml m



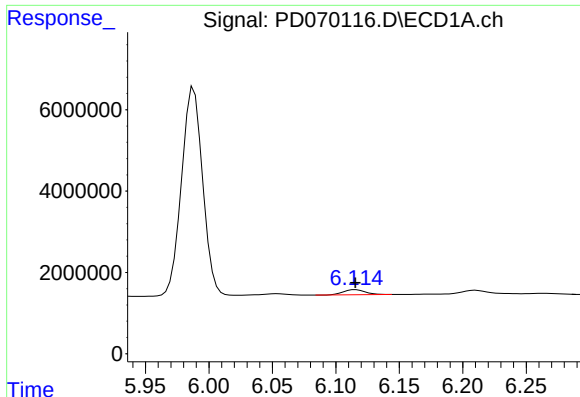
#14 Endrin

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 59634730
Conc: 49.52 ng/ml



#14 Endrin

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 403558162
Conc: 48.08 ng/ml



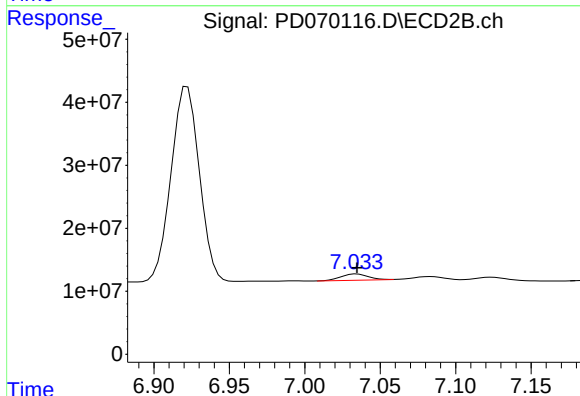
#16 4,4'-DDD

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 1545565
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

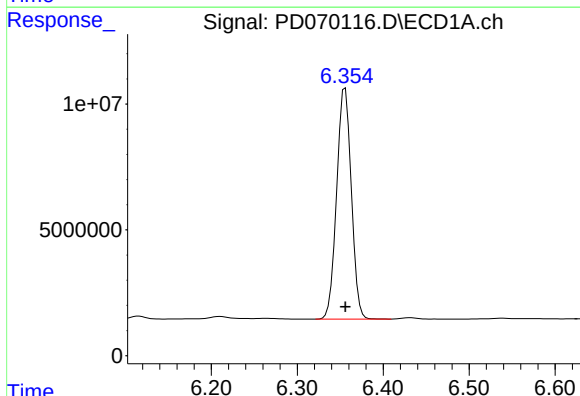
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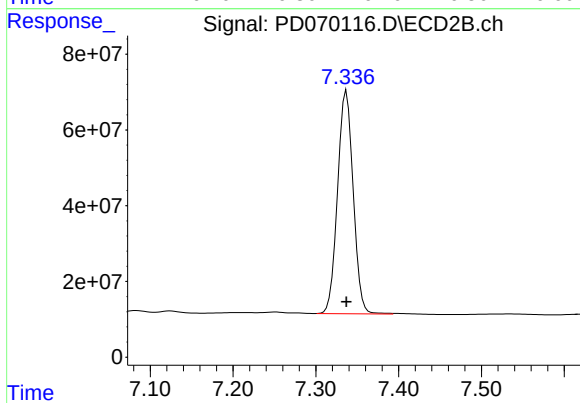
#16 4,4'-DDD

R.T.: 7.033 min
Delta R.T.: -0.002 min
Response: 12631964
Conc: 1.50 ng/ml m



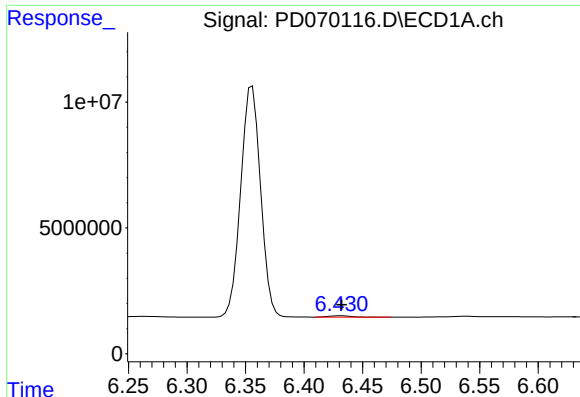
#17 4,4'-DDT

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 108657688
Conc: 102.42 ng/ml



#17 4,4'-DDT

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 773435468
Conc: 90.11 ng/ml



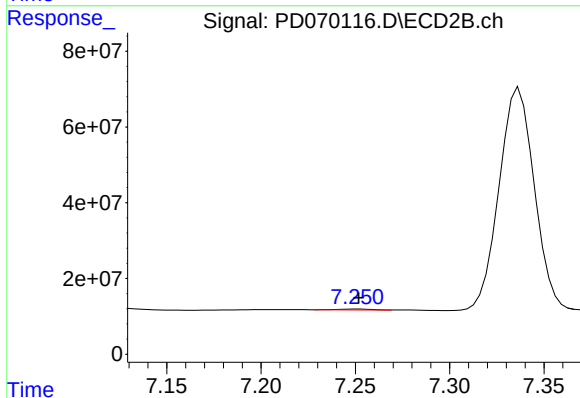
#18 Endrin aldehyde

R.T.: 6.431 min
Delta R.T.: -0.001 min
Response: 727671
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

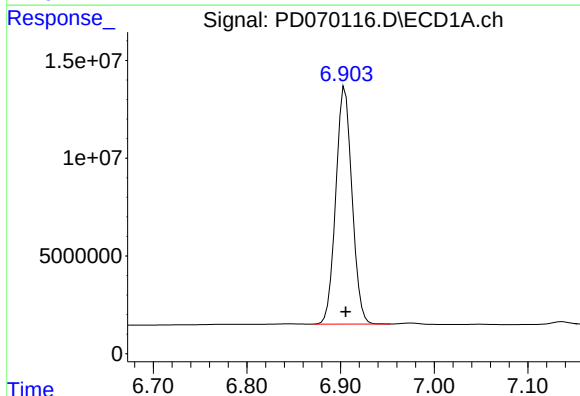
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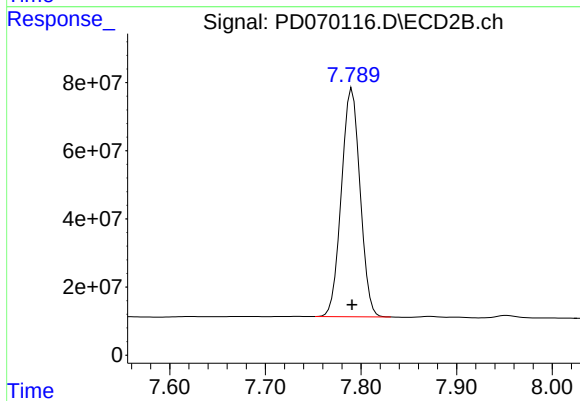
#18 Endrin aldehyde

R.T.: 7.250 min
Delta R.T.: -0.002 min
Response: 2867162
Conc: 0.42 ng/ml m



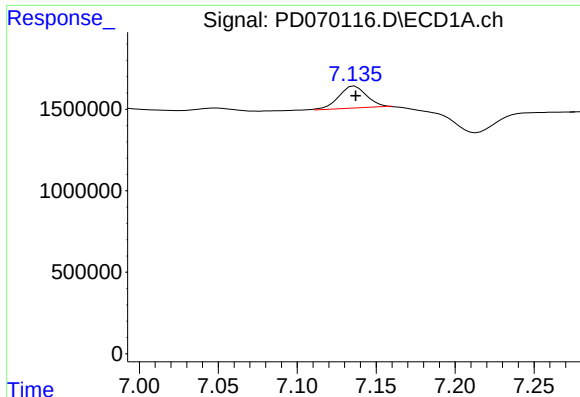
#20 Methoxychlor

R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 145822290
Conc: 236.52 ng/ml



#20 Methoxychlor

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 911924486
Conc: 216.27 ng/ml



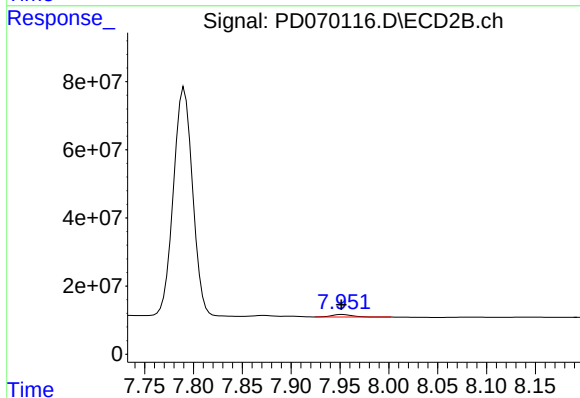
#21 Endrin ketone

R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 1652500
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

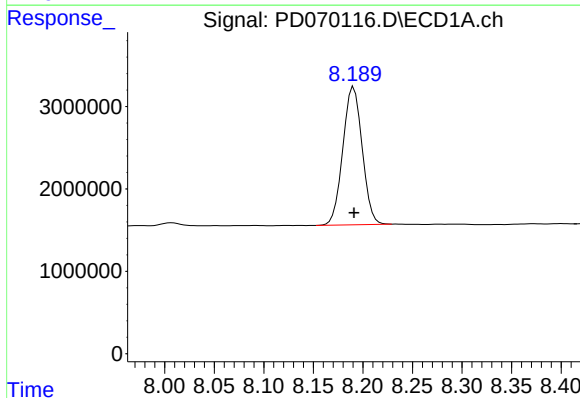
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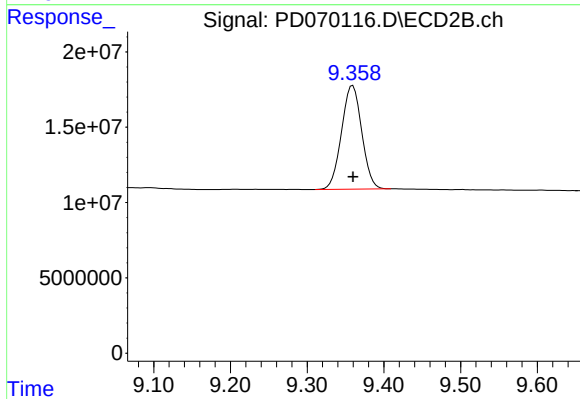
#21 Endrin ketone

R.T.: 7.953 min
Delta R.T.: 0.001 min
Response: 10171359
Conc: 1.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 22706096
Conc: 20.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.359 min
Delta R.T.: 0.000 min
Response: 126829079
Conc: 20.62 ng/ml