

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092023\
 Data File : PD078118.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2023 19:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/20/2023
 Supervised By : Ankita Jodhani 09/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 00:18:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 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 x 0.5 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...	3.541	2.759	47388904	30228020	18.664	19.112
28) SA Decachlor...	9.081	7.896	63289638	33304451	20.776	19.300
Target Compounds						
2) A alpha-BHC	3.997	3.260	37324334	21826233	9.072	9.434
3) MA gamma-BHC...	4.331	3.590	36304579	19865784	9.177	8.887
6) B beta-BHC	4.528	3.887	16727780	9446767	10.366	10.599
12) B 4,4'-DDE	6.201	5.212	1233008	1099558	0.383	0.602m#
14) MA Endrin	6.586	5.621	136.8E6	84846375	45.117	46.842
16) A 4,4'-DDD	6.719	5.768	7143430	4452914	2.788	3.187
17) MA 4,4'-DDT	7.035	6.019	253.1E6	150.0E6	96.771	106.199
18) B Endrin al...	6.935	6.094	3196653	2677914	1.345	1.984 #
20) A Methoxychlor	7.511	6.594	339.5E6	192.7E6	219.467	248.930
21) B Endrin ke...	7.657	6.823	7111496	4356192	2.188	2.304

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

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Acq On : 19 Sep 2023 19:37
Operator : AR\AJ
Sample : PEM
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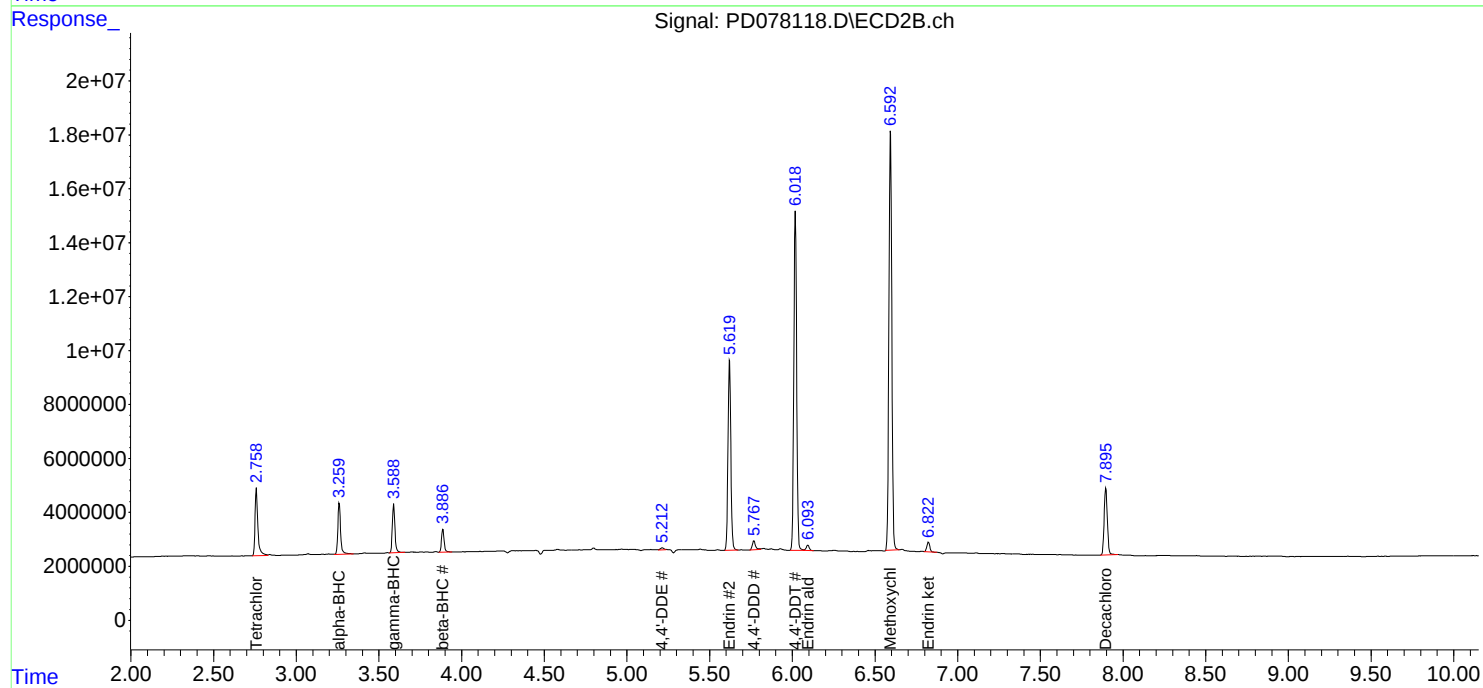
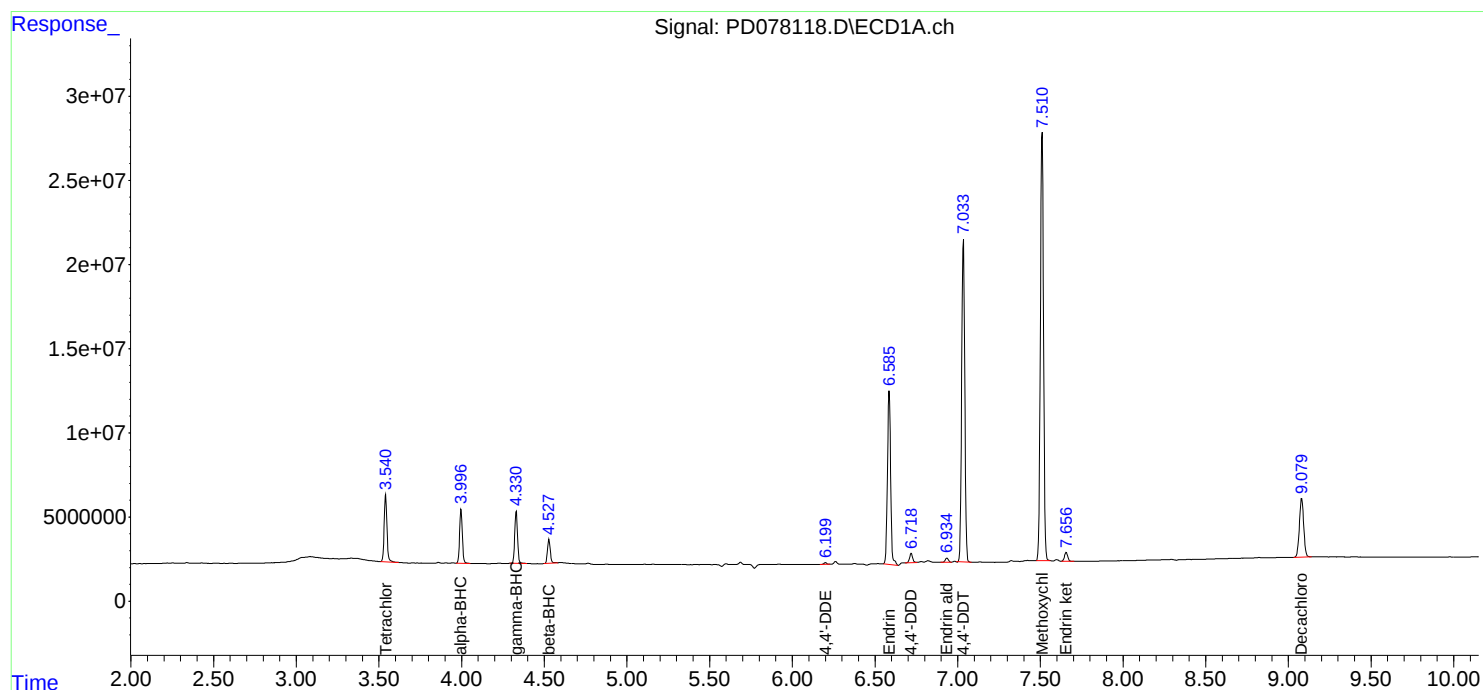
Instrument :
ECD_D
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PEM

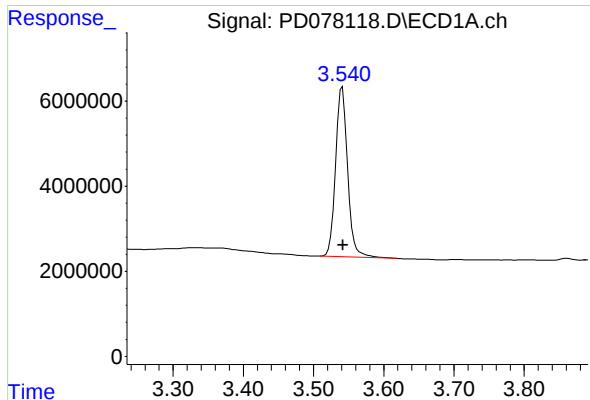
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





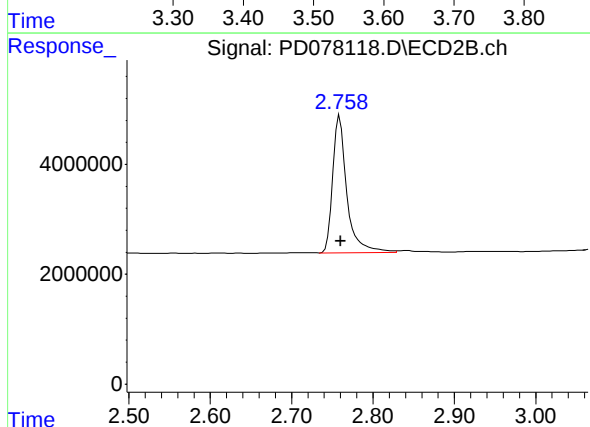
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.001 min
Response: 47388904
Conc: 18.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

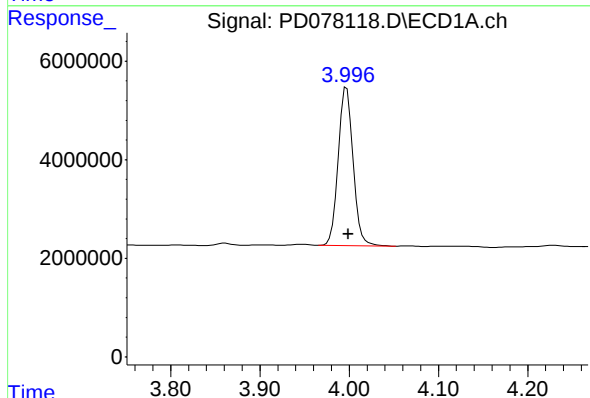
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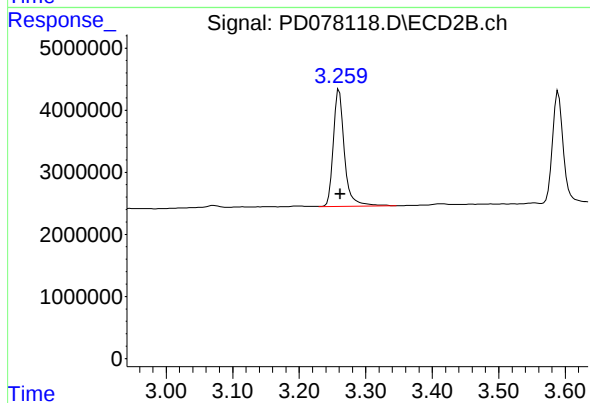
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 30228020
Conc: 19.11 ng/ml



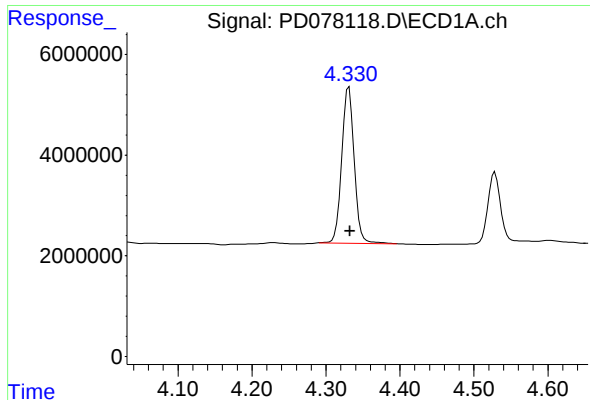
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 37324334
Conc: 9.07 ng/ml



#2 alpha-BHC

R.T.: 3.260 min
Delta R.T.: -0.002 min
Response: 21826233
Conc: 9.43 ng/ml



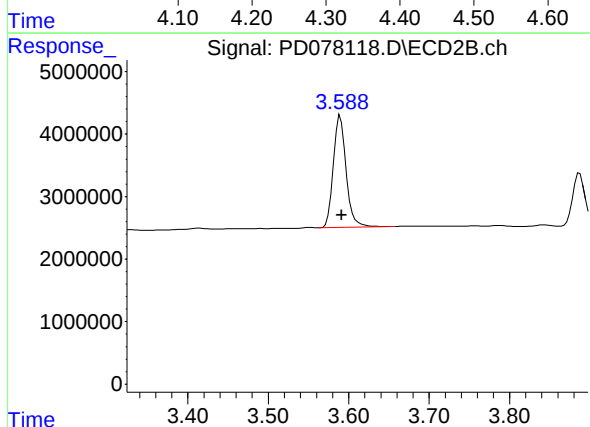
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 36304579
Conc: 9.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

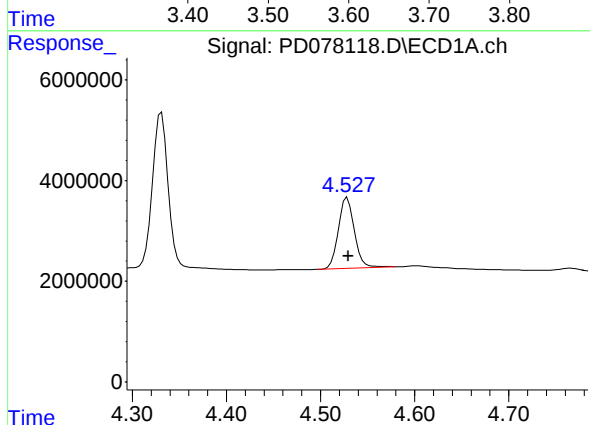
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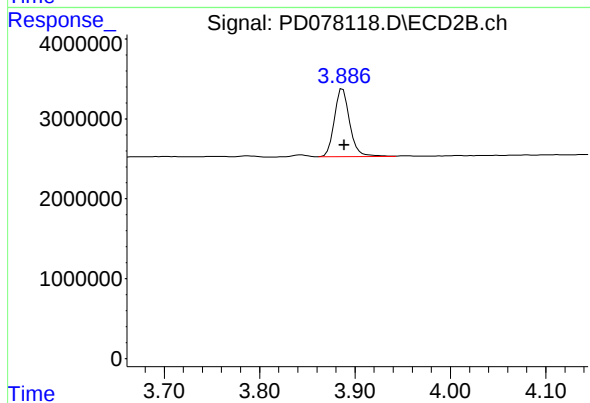
#3 gamma-BHC (Lindane)

R.T.: 3.590 min
Delta R.T.: -0.002 min
Response: 19865784
Conc: 8.89 ng/ml



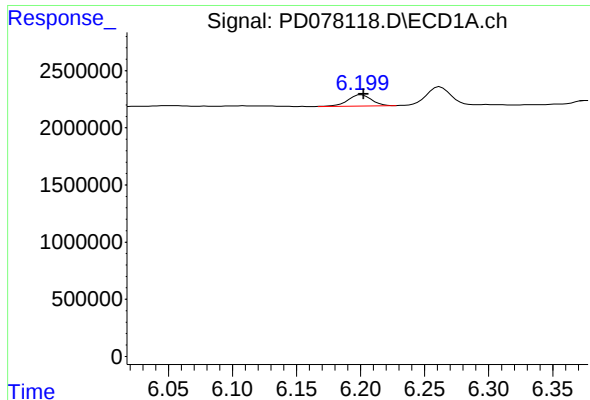
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 16727780
Conc: 10.37 ng/ml



#6 beta-BHC

R.T.: 3.887 min
Delta R.T.: -0.002 min
Response: 9446767
Conc: 10.60 ng/ml



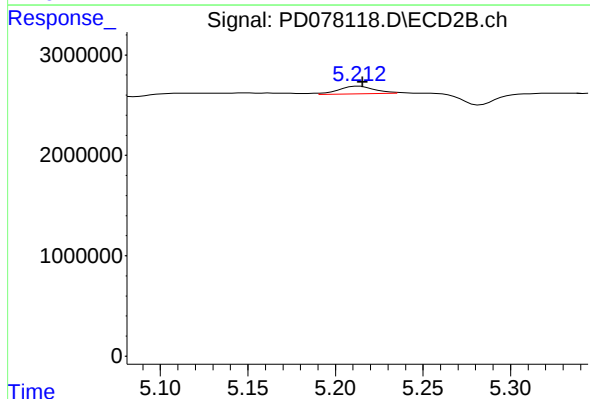
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 1233008
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

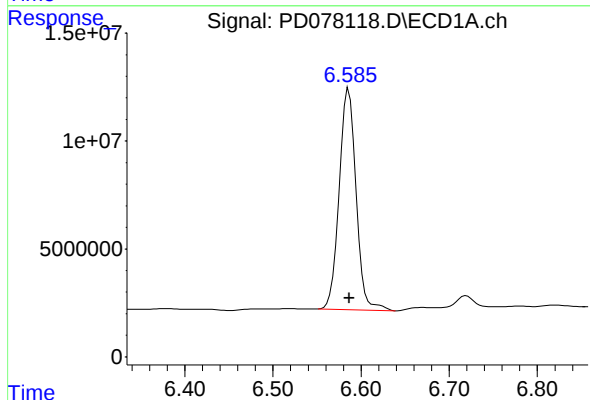
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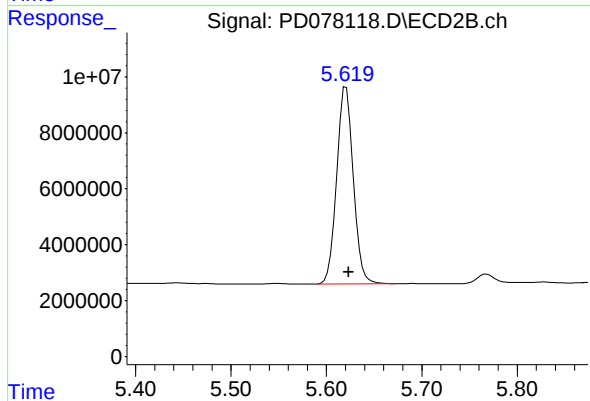
#12 4,4'-DDE

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 1099558
Conc: 0.60 ng/ml



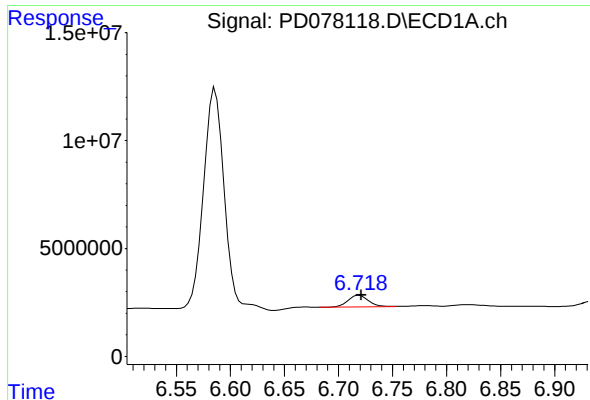
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 136847065
Conc: 45.12 ng/ml



#14 Endrin

R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 84846375
Conc: 46.84 ng/ml



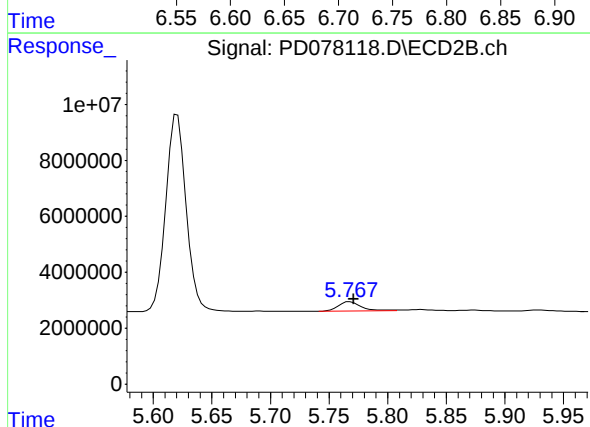
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: -0.002 min
Response: 7143430
Conc: 2.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

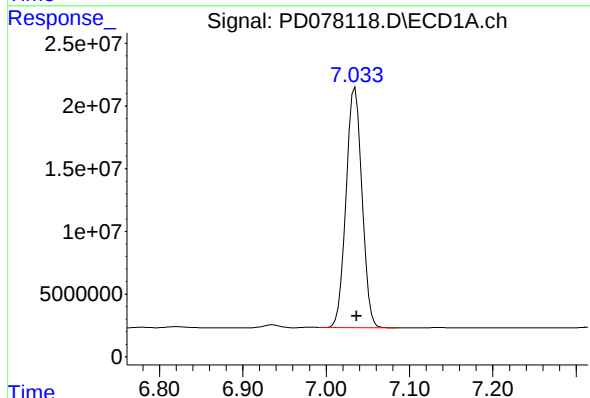
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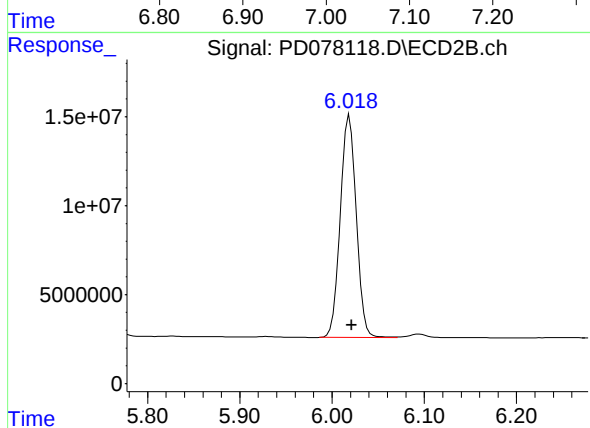
#16 4,4'-DDD

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 4452914
Conc: 3.19 ng/ml



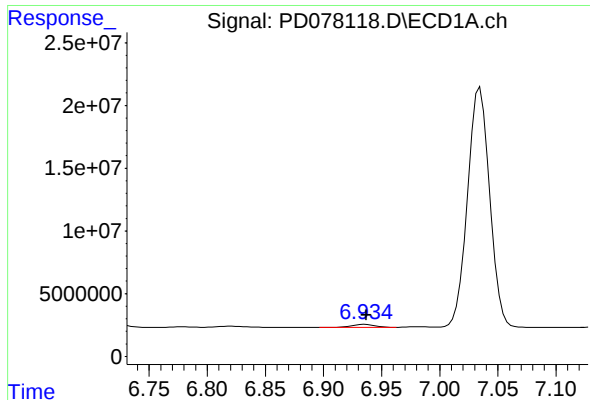
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: -0.002 min
Response: 253085913
Conc: 96.77 ng/ml



#17 4,4'-DDT

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 150042104
Conc: 106.20 ng/ml



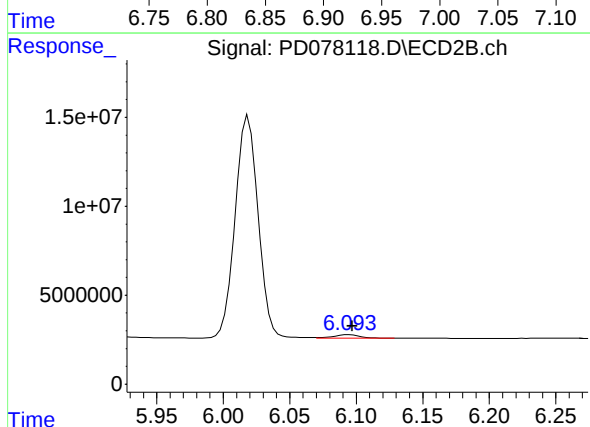
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: -0.001 min
Response: 3196653
Conc: 1.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

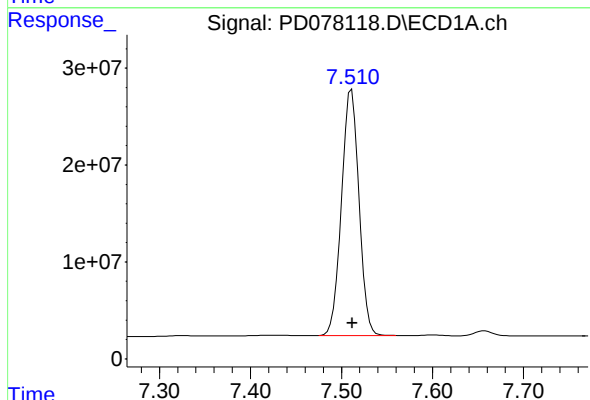
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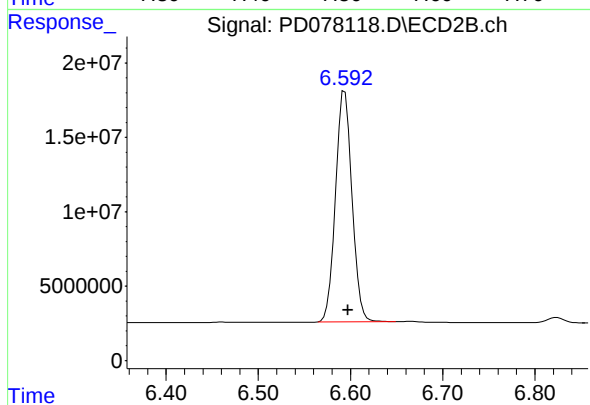
#18 Endrin aldehyde

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 2677914
Conc: 1.98 ng/ml



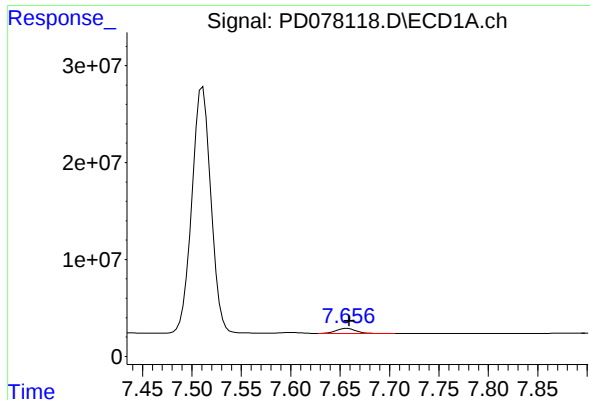
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 339461758
Conc: 219.47 ng/ml



#20 Methoxychlor

R.T.: 6.594 min
Delta R.T.: -0.003 min
Response: 192730709
Conc: 248.93 ng/ml



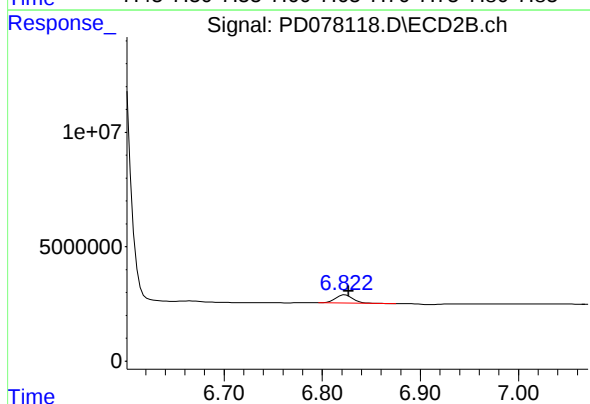
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 7111496
Conc: 2.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

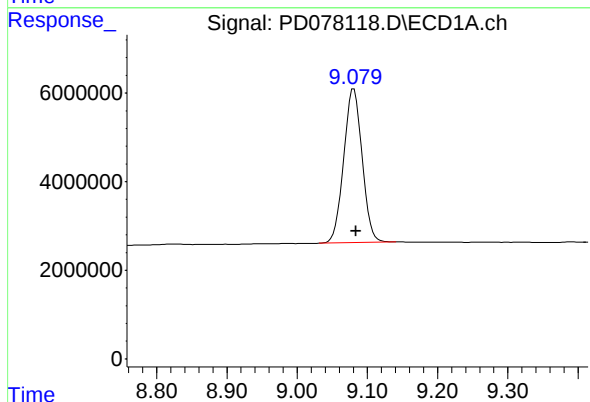
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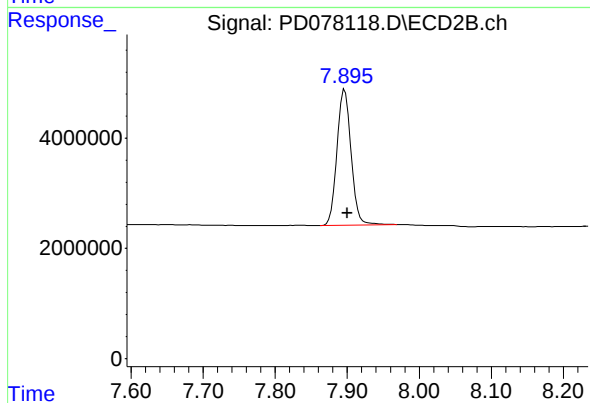
#21 Endrin ketone

R.T.: 6.823 min
Delta R.T.: -0.003 min
Response: 4356192
Conc: 2.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.003 min
Response: 63289638
Conc: 20.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.896 min
Delta R.T.: -0.004 min
Response: 33304451
Conc: 19.30 ng/ml