

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020623\
 Data File : PD073826.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 09:52
 Operator : AR\AJ
 Sample : PEM013
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM013

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/07/2023
 Supervised By : Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:17:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012523CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 25 02:23:06 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

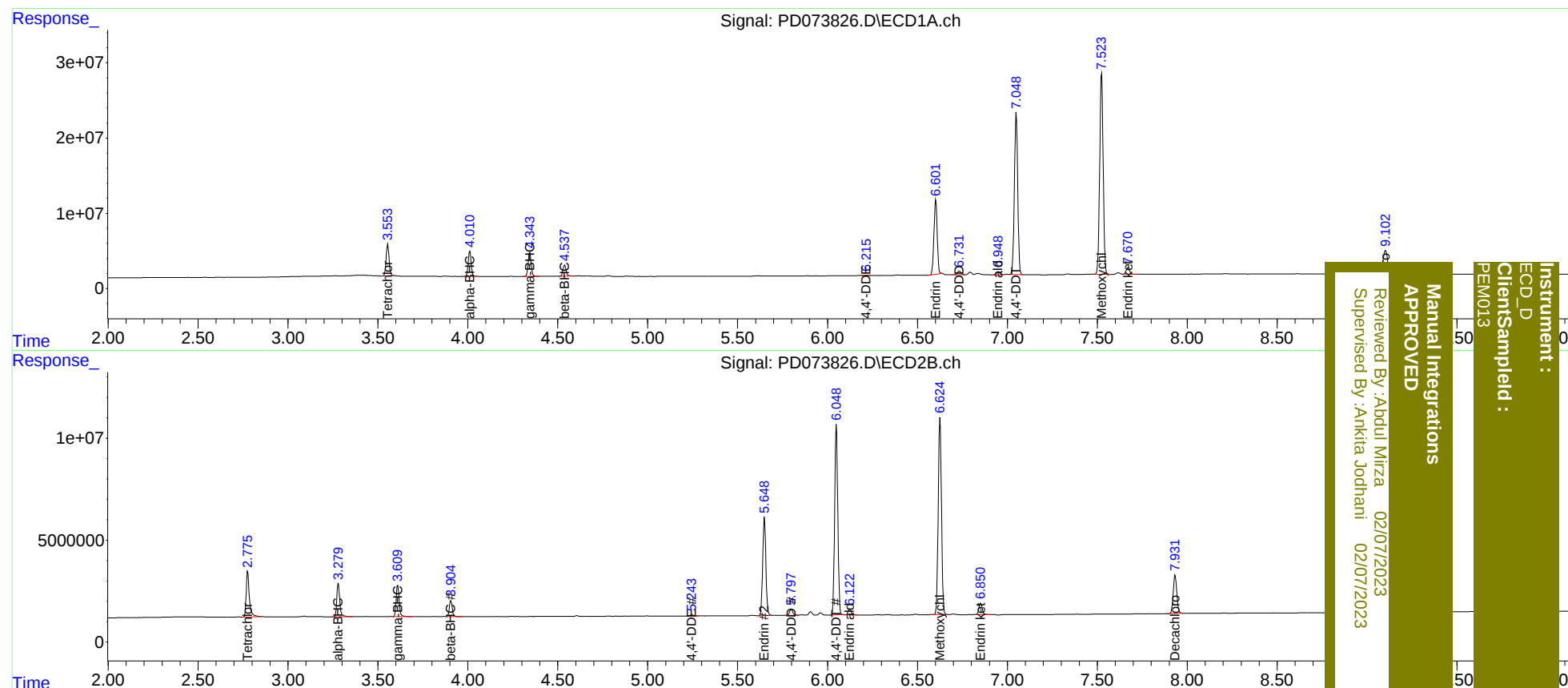
System Monitoring Compounds						
1) SA Tetrachlo...	3.555	2.776	47707835	27061499	20.146	21.319
2) SA Decachlor...	9.103	7.931	58455618	26093691	21.188	21.681m
Target Compounds						
2) A alpha-BHC	4.011	3.280	38299569	19000784	10.055	10.722
3) MA gamma-BHC...	4.345	3.610	37519566	17655069	10.301	10.502
6) B beta-BHC	4.539	3.906	17728331	8725673	10.555	10.675
12) B 4,4'-DDE	6.215	5.245	868361	739707	0.275m	0.504 #
14) MA Endrin	6.602	5.649	124.3E6	58302119	44.428	45.298
16) A 4,4'-DDD	6.733	5.798	6704915	3963449	2.635	3.286
17) MA 4,4'-DDT	7.049	6.049	277.5E6	111.7E6	101.684	94.661
18) B Endrin al...	6.949	6.122	5421333	3553213	2.267	3.255m#
20) A Methoxychlor	7.524	6.626	359.5E6	121.5E6	241.545	220.261
21) B Endrin ke...	7.671	6.852	12390744	7275686	3.887	4.837

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

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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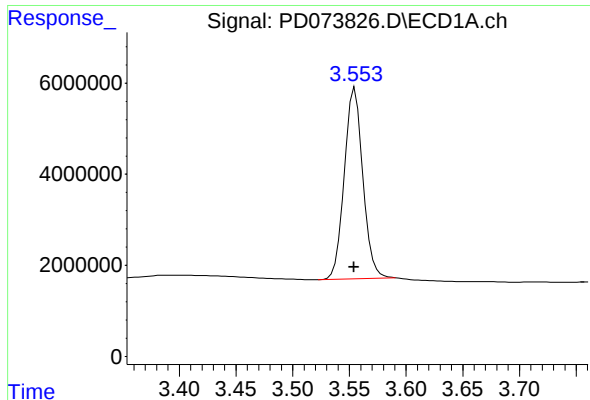
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Instrument :
ECD_D
ClientSampled :
PEM013

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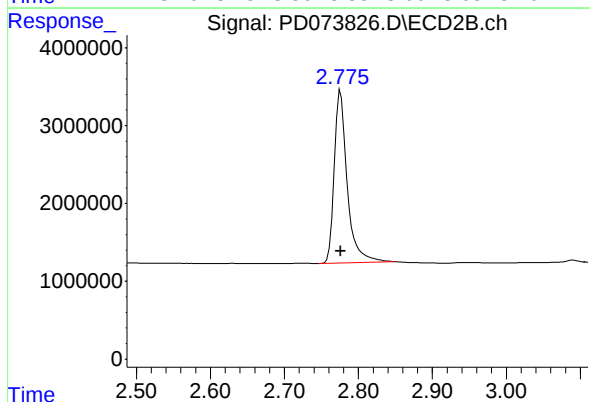
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 47707835
Conc: 20.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM013

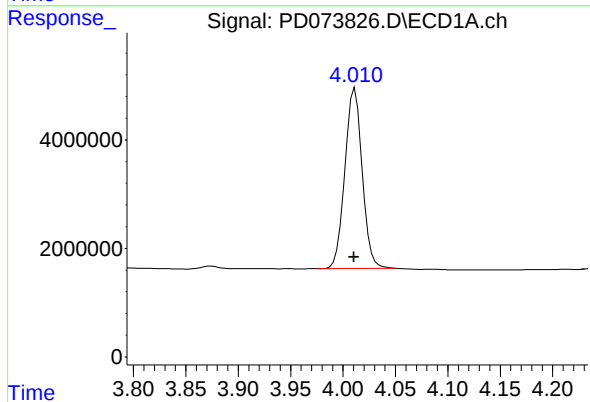
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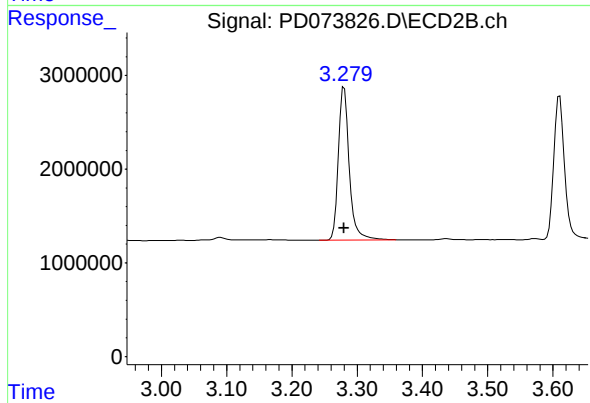
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 27061499
Conc: 21.32 ng/ml



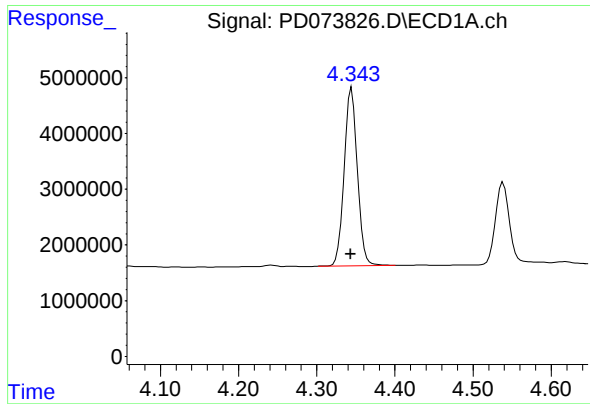
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 38299569
Conc: 10.06 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 19000784
Conc: 10.72 ng/ml



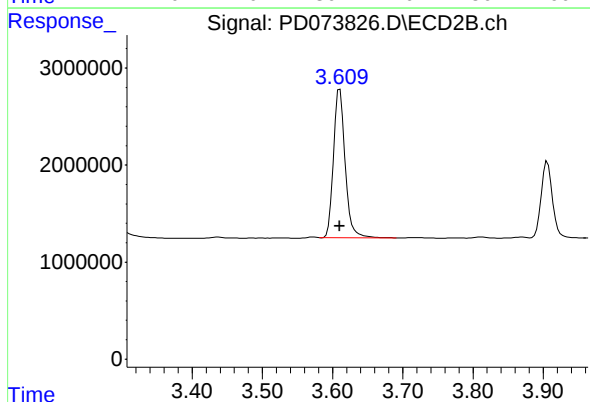
#3 gamma-BHC (Lindane)

R.T.: 4.345 min
Delta R.T.: 0.001 min
Response: 37519566
Conc: 10.30 ng/ml

Instrument :
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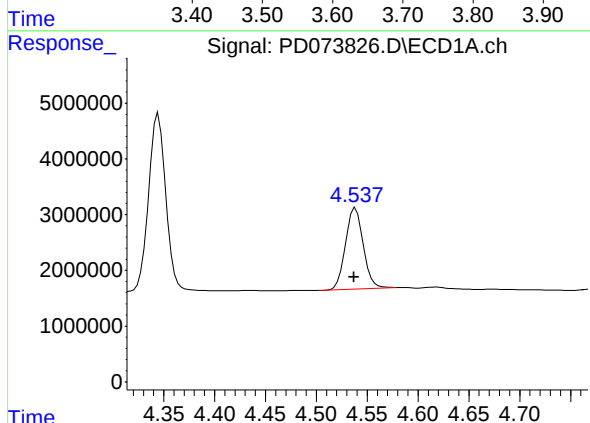
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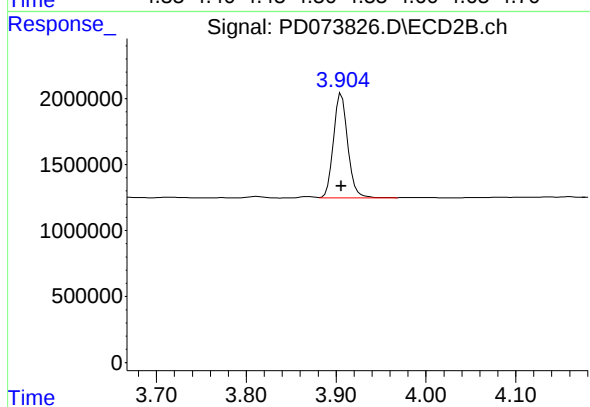
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: 0.000 min
Response: 17655069
Conc: 10.50 ng/ml



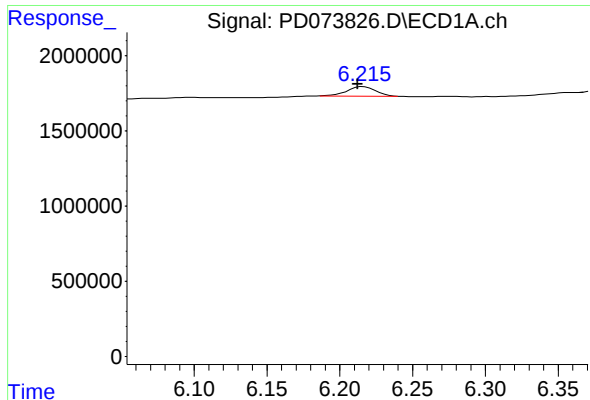
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.002 min
Response: 17728331
Conc: 10.56 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 8725673
Conc: 10.67 ng/ml



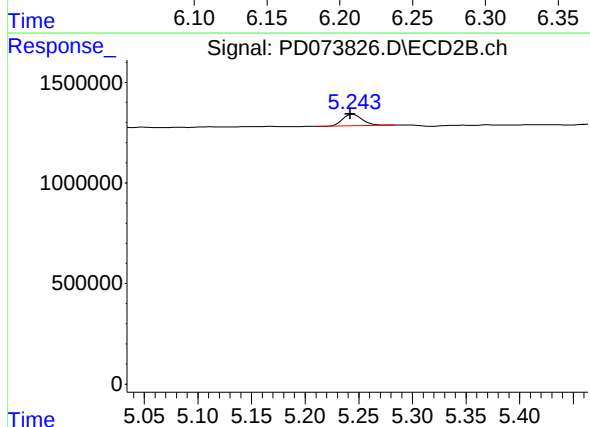
#12 4,4'-DDE

R.T.: 6.215 min
Delta R.T.: 0.003 min
Response: 868361
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
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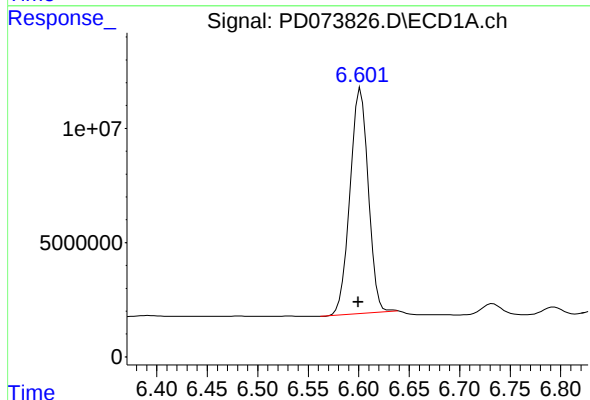
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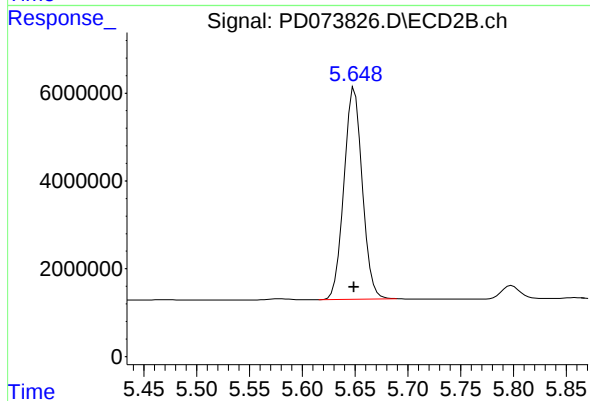
#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: 0.003 min
Response: 739707
Conc: 0.50 ng/ml



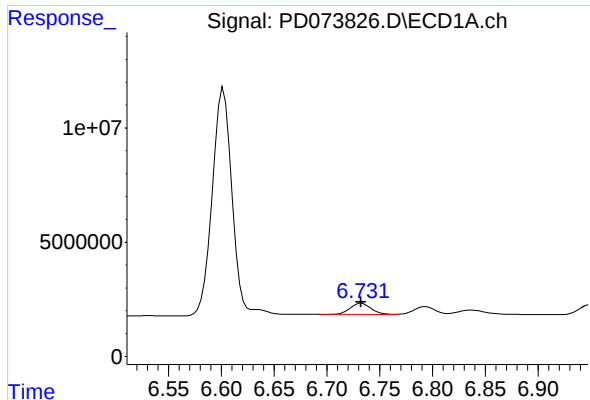
#14 Endrin

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 124299089
Conc: 44.43 ng/ml



#14 Endrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 58302119
Conc: 45.30 ng/ml



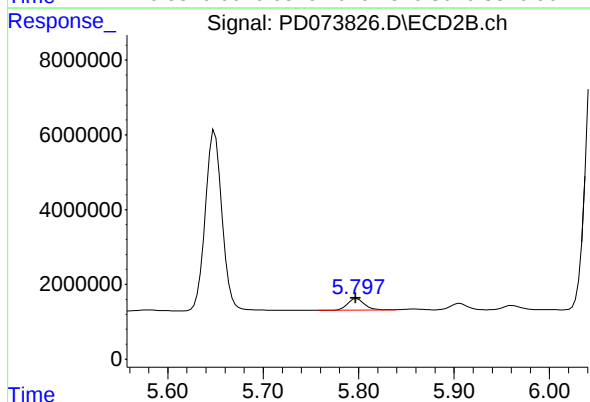
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 6704915
Conc: 2.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM013

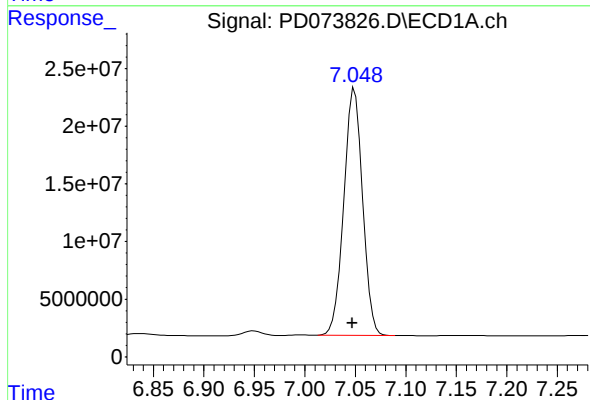
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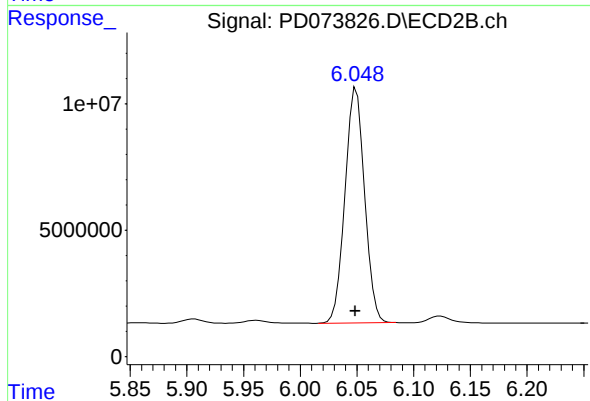
#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.001 min
Response: 3963449
Conc: 3.29 ng/ml



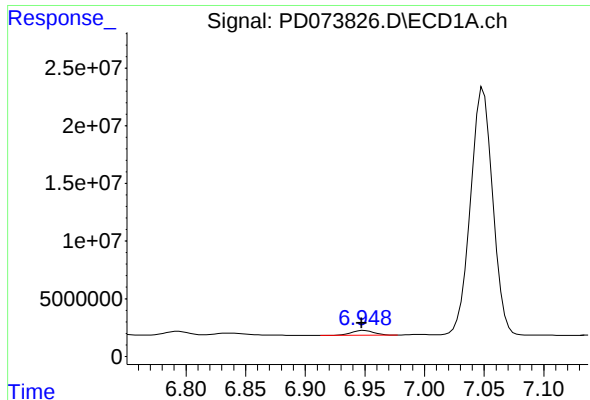
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: 0.002 min
Response: 277523121
Conc: 101.68 ng/ml



#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 111747599
Conc: 94.66 ng/ml



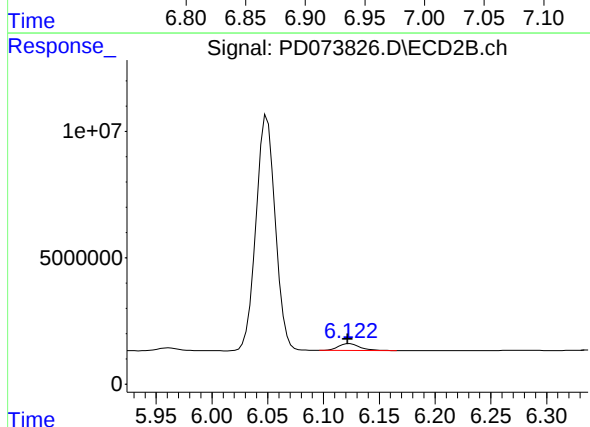
#18 Endrin aldehyde

R.T.: 6.949 min
Delta R.T.: 0.002 min
Response: 5421333
Conc: 2.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM013

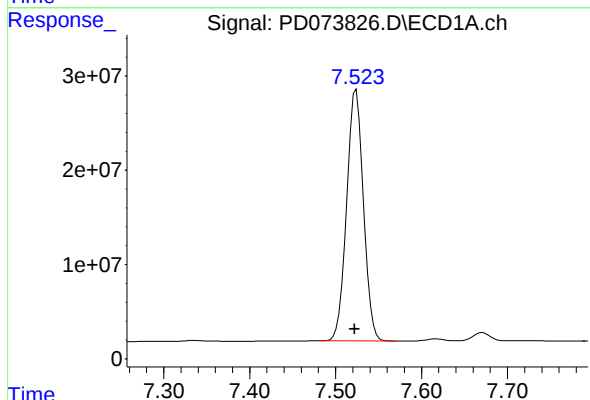
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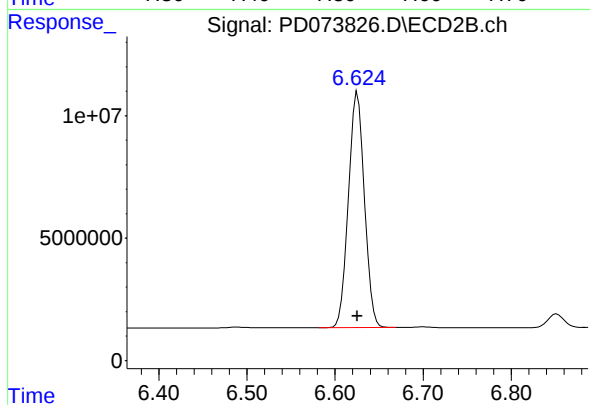
#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 3553213
Conc: 3.25 ng/ml m



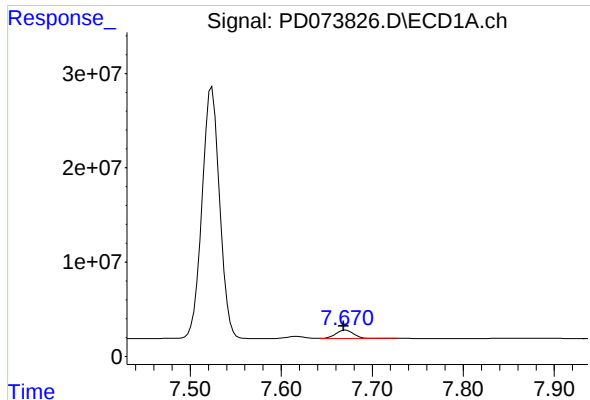
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.002 min
Response: 359510705
Conc: 241.55 ng/ml



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 121487373
Conc: 220.26 ng/ml



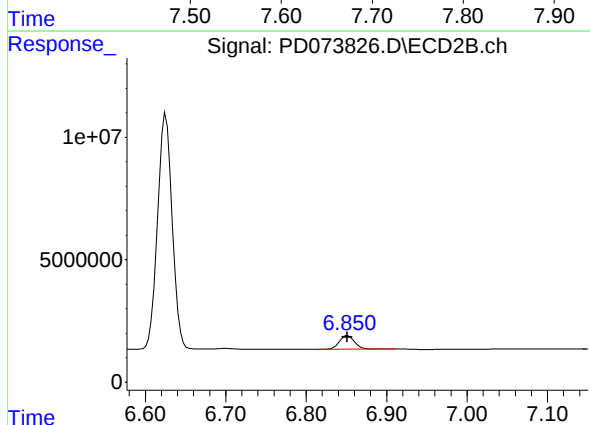
#21 Endrin ketone

R.T.: 7.671 min
Delta R.T.: 0.002 min
Response: 12390744
Conc: 3.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM013

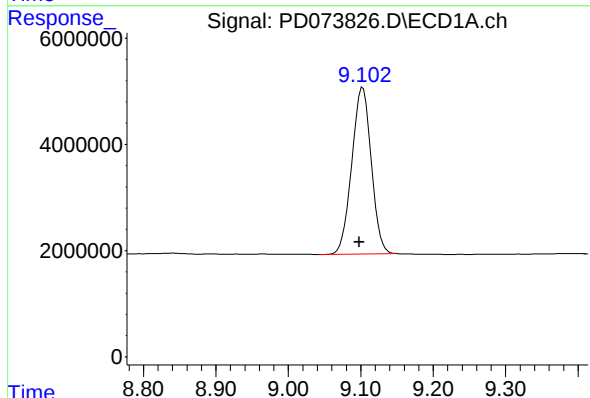
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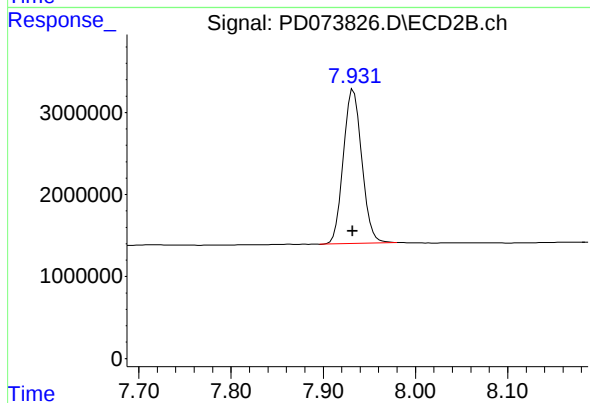
#21 Endrin ketone

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 7275686
Conc: 4.84 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.103 min
Delta R.T.: 0.005 min
Response: 58455618
Conc: 21.19 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 26093691
Conc: 21.68 ng/ml m