

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD113021\
 Data File : PD067149.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 11:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/02/2021
 Supervised By : Ankita Jodhani 12/02/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 11:51:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 17:33:19 2021
 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 x 0.2 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...	3.436	3.966	39865707	144.2E6	19.293	19.864
28)	SA Decachlor...	8.161	9.021	23085388	101.9E6	20.375	20.272
Target Compounds							
2)	A alpha-BHC	3.873	4.360	30727257	102.4E6	9.148	9.840
3)	MA gamma-BHC...	4.154	4.645	30561125	93217477	9.510	9.782
6)	B beta-BHC	4.403	4.822	13905535	48026341	10.187	10.895
12)	B 4,4'-DDE	5.577	6.302	777321	2231151	0.290m	0.322m
14)	MA Endrin	5.969	6.670	102.5E6	253.8E6	44.878	45.210
16)	A 4,4'-DDD	6.094	6.797	3325847	10703092	1.583	1.830
17)	MA 4,4'-DDT	6.333	7.094	203.2E6	509.8E6	96.057	85.412
18)	B Endrin al...	6.409	7.010	5274845	10379102	3.154	2.213 #
20)	A Methoxychlor	6.879	7.556	229.8E6	631.0E6	207.195	195.915
21)	B Endrin ke...	7.112	7.705	9988398	24520444	4.409	3.390

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

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Acq On : 30 Nov 2021 11:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

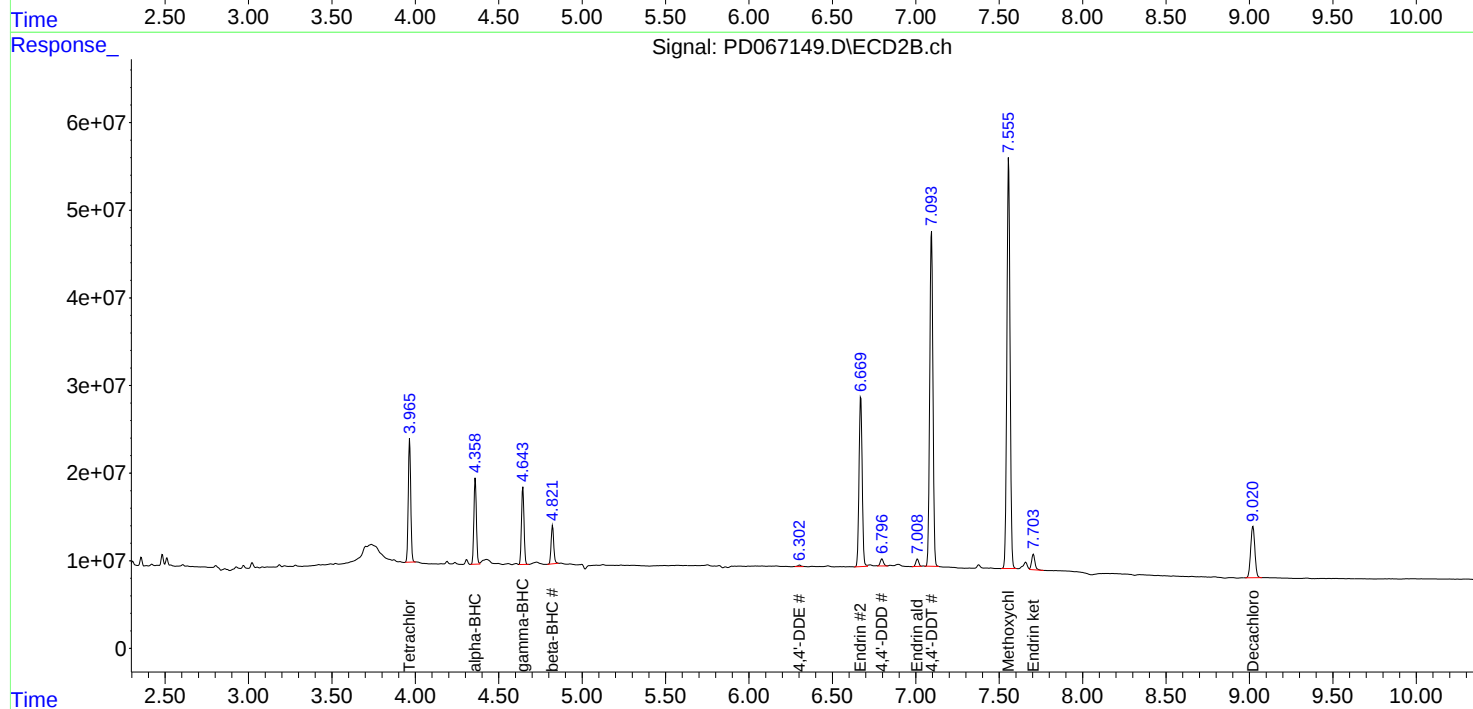
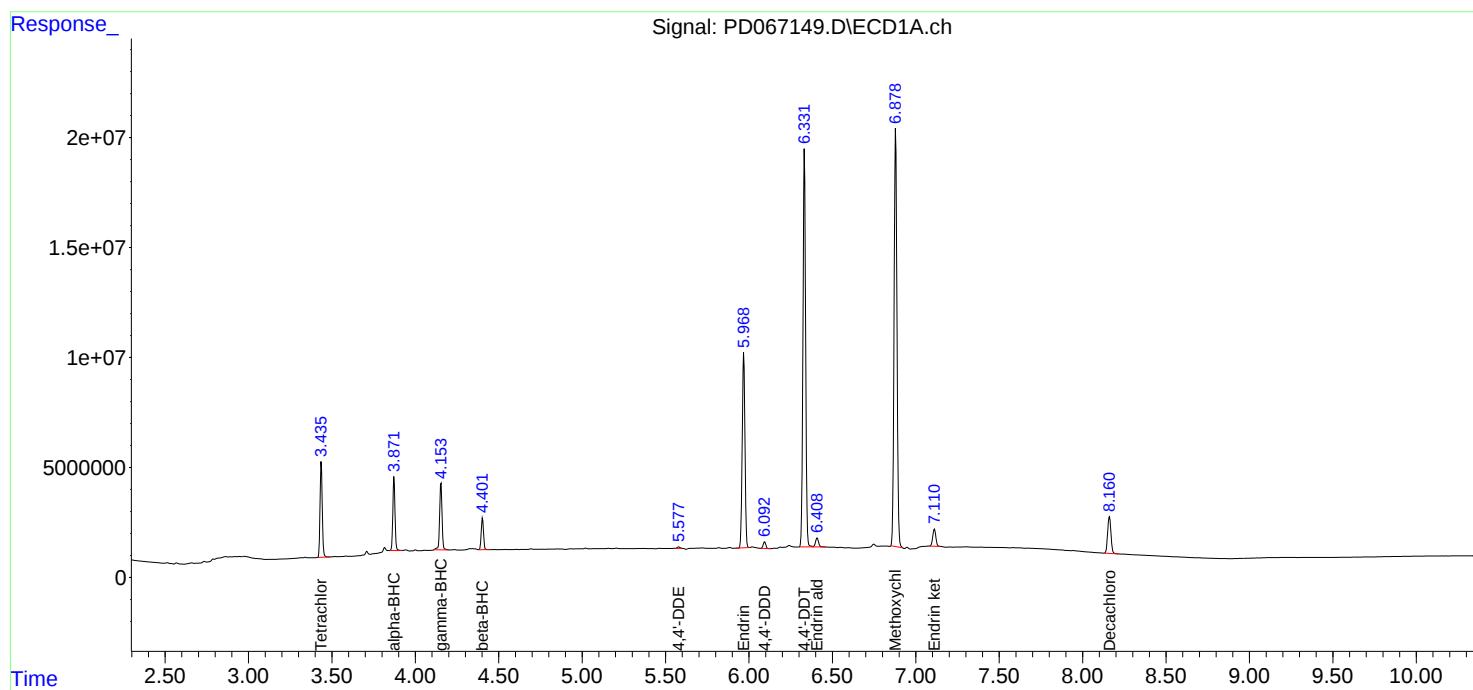
Instrument :
ECD_D
ClientSampleId :
PEM

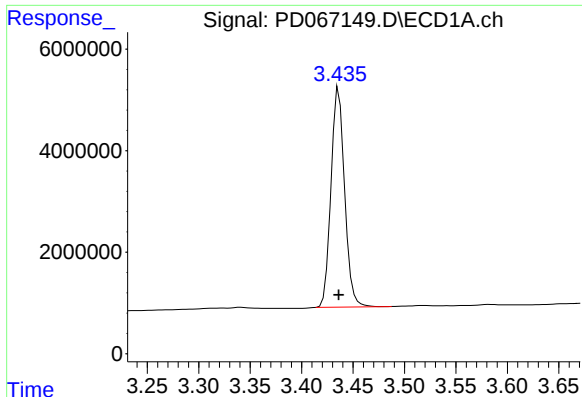
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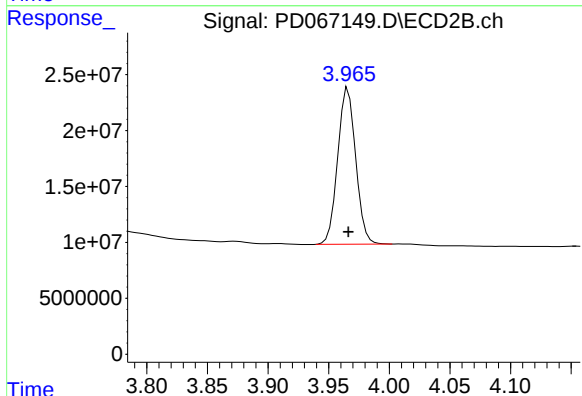
#1 Tetrachloro-m-xylene

R.T.: 3.436 min
Delta R.T.: 0.000 min
Response: 39865707
Conc: 19.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

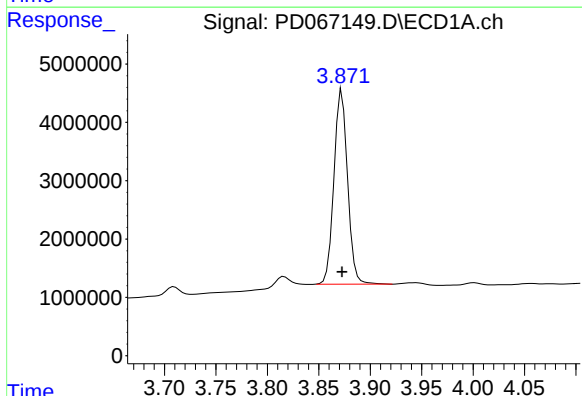
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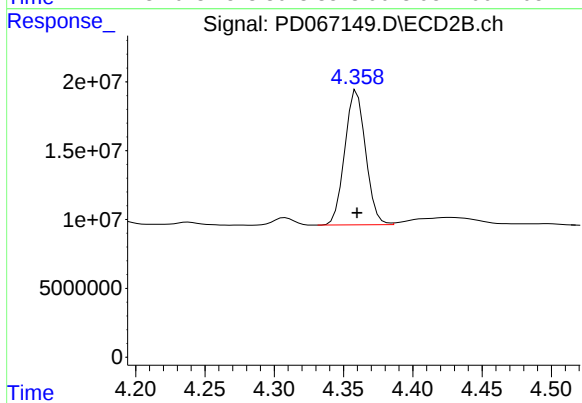
#1 Tetrachloro-m-xylene

R.T.: 3.966 min
Delta R.T.: 0.000 min
Response: 144176792
Conc: 19.86 ng/ml



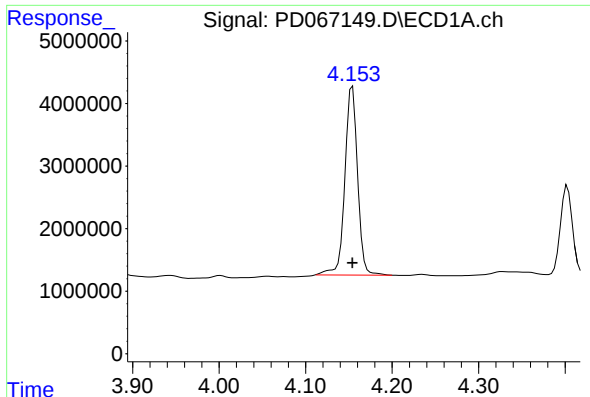
#2 alpha-BHC

R.T.: 3.873 min
Delta R.T.: 0.000 min
Response: 30727257
Conc: 9.15 ng/ml



#2 alpha-BHC

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 102403207
Conc: 9.84 ng/ml



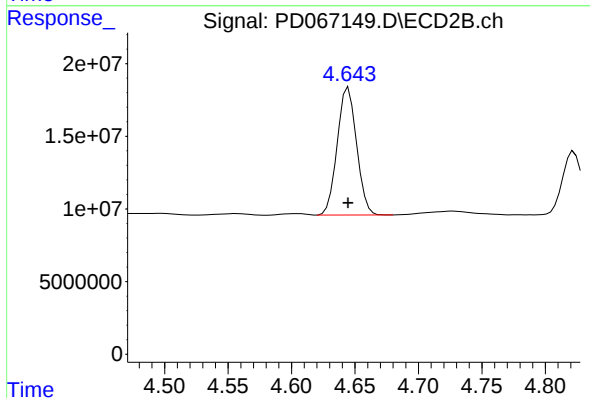
#3 gamma-BHC (Lindane)

R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 30561125
Conc: 9.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

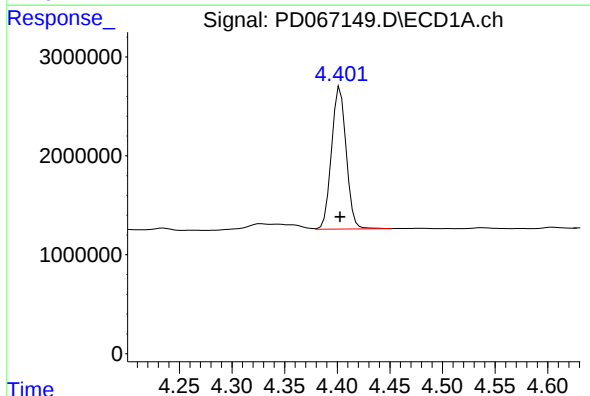
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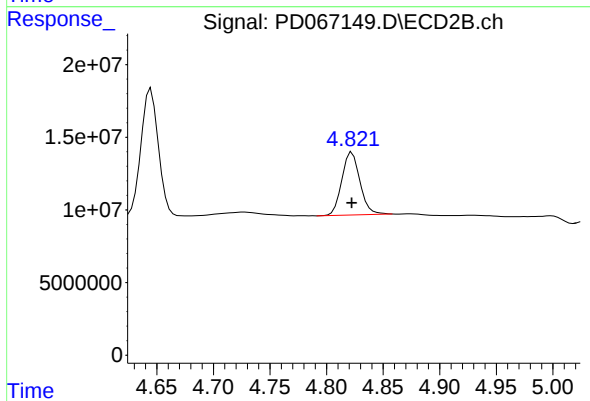
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 93217477
Conc: 9.78 ng/ml



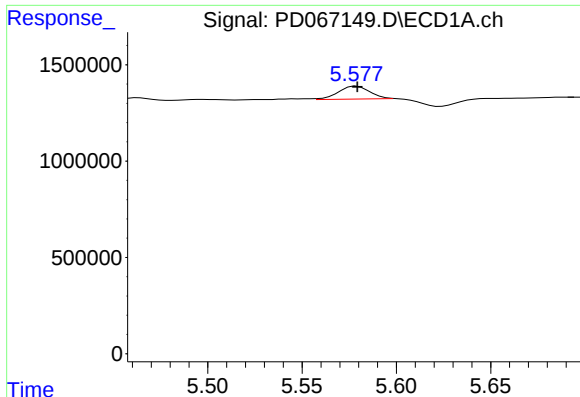
#6 beta-BHC

R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 13905535
Conc: 10.19 ng/ml



#6 beta-BHC

R.T.: 4.822 min
Delta R.T.: 0.000 min
Response: 48026341
Conc: 10.89 ng/ml



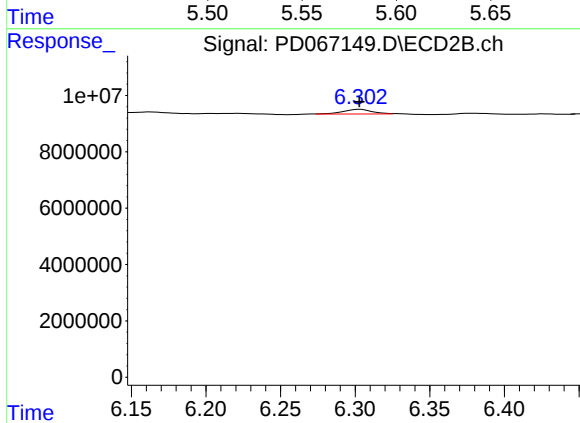
#12 4,4'-DDE

R.T.: 5.577 min
Delta R.T.: -0.002 min
Response: 777321
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

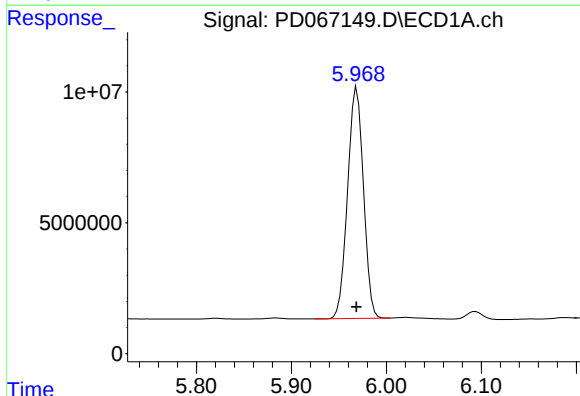
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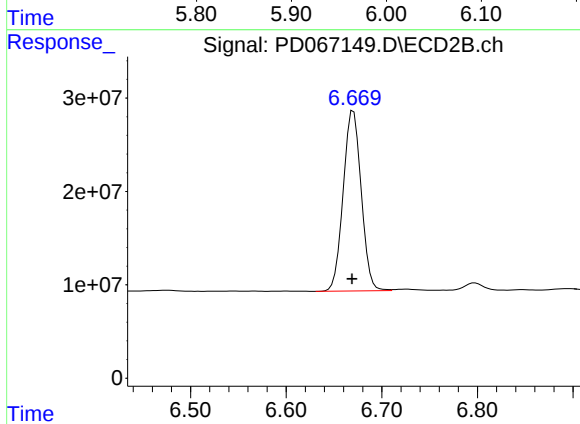
#12 4,4'-DDE

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 2231151
Conc: 0.32 ng/ml m



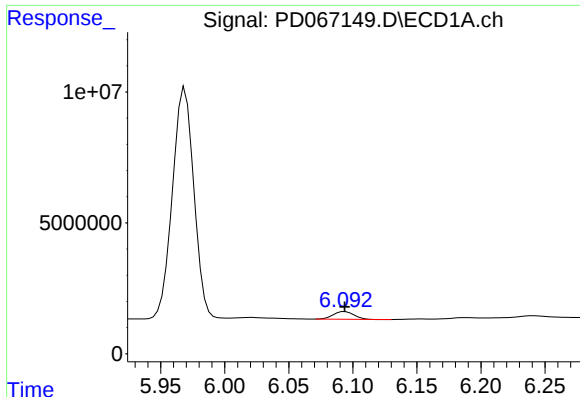
#14 Endrin

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 102467752
Conc: 44.88 ng/ml



#14 Endrin

R.T.: 6.670 min
Delta R.T.: 0.002 min
Response: 253844134
Conc: 45.21 ng/ml



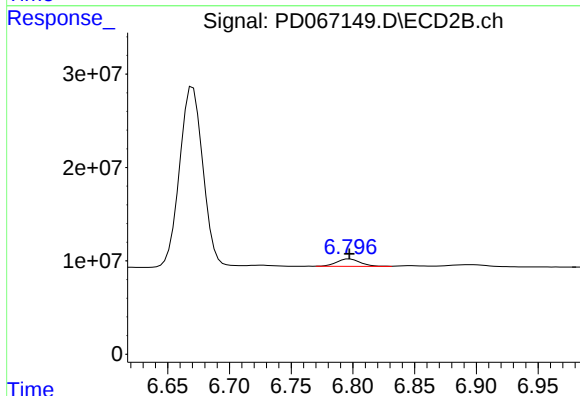
#16 4,4'-DDD

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 3325847
Conc: 1.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

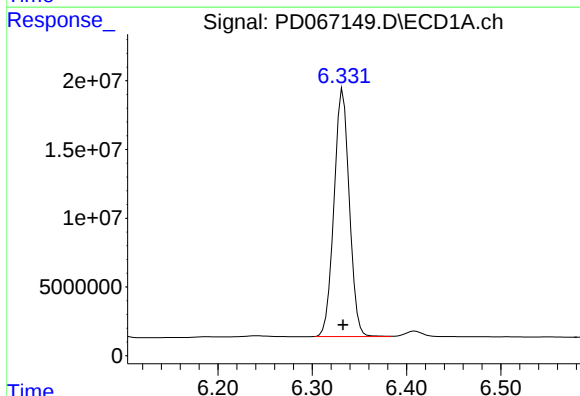
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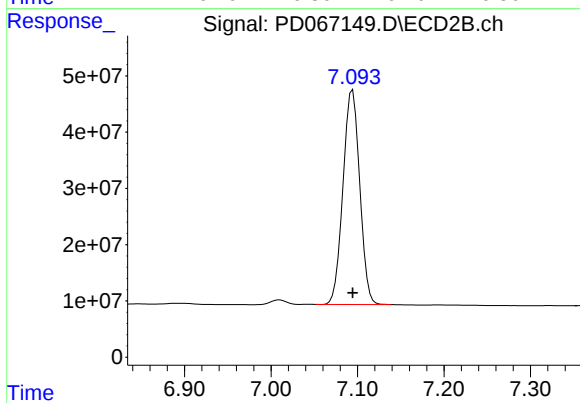
#16 4,4'-DDD

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 10703092
Conc: 1.83 ng/ml



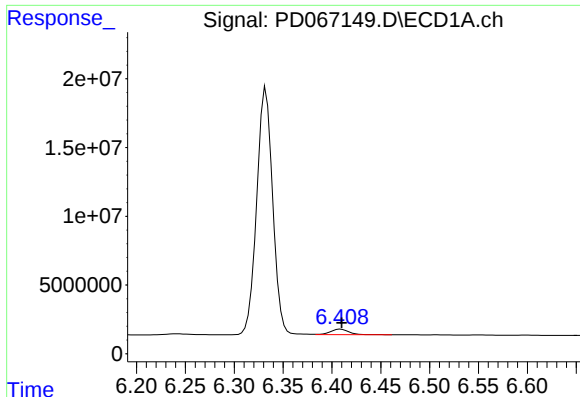
#17 4,4'-DDT

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 203244257
Conc: 96.06 ng/ml



#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 509772738
Conc: 85.41 ng/ml



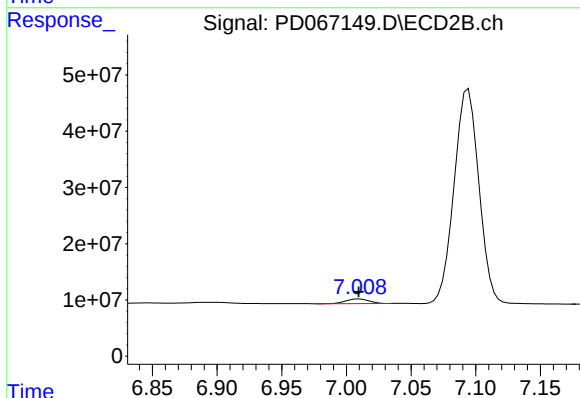
#18 Endrin aldehyde

R.T.: 6.409 min
Delta R.T.: -0.001 min
Response: 5274845
Conc: 3.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

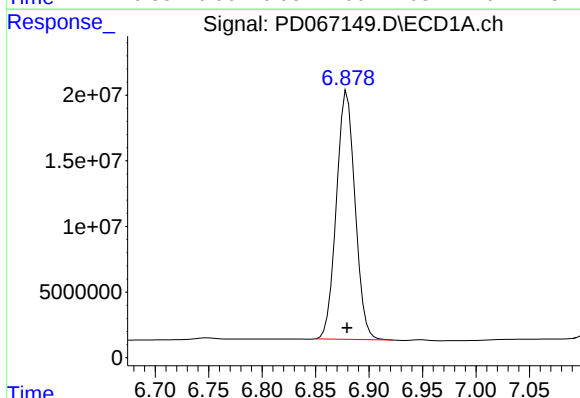
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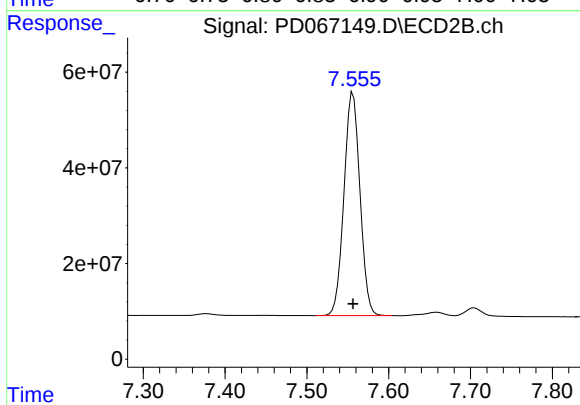
#18 Endrin aldehyde

R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 10379102
Conc: 2.21 ng/ml



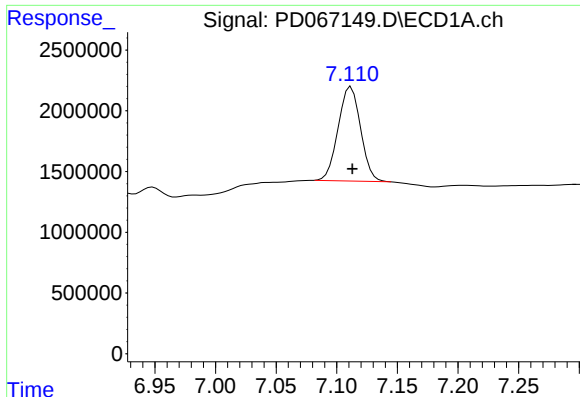
#20 Methoxychlor

R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 229825258
Conc: 207.20 ng/ml



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 631027092
Conc: 195.92 ng/ml



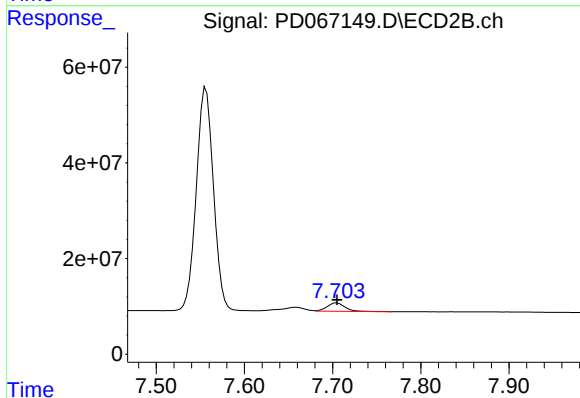
#21 Endrin ketone

R.T.: 7.112 min
Delta R.T.: -0.001 min
Response: 9988398
Conc: 4.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

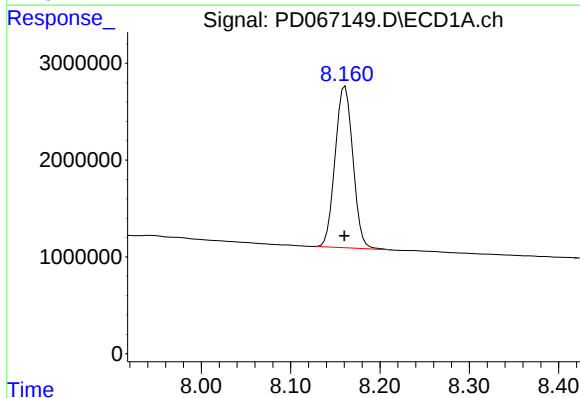
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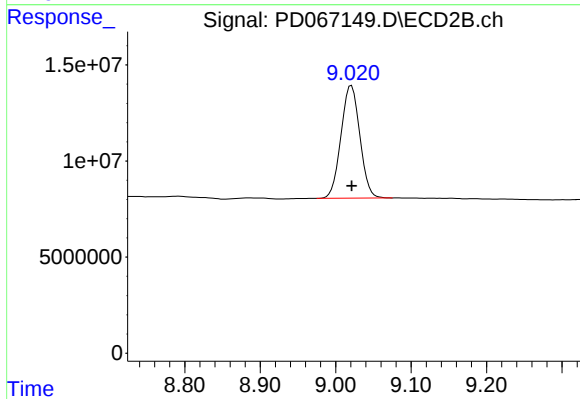
#21 Endrin ketone

R.T.: 7.705 min
Delta R.T.: 0.000 min
Response: 24520444
Conc: 3.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.161 min
Delta R.T.: 0.000 min
Response: 23085388
Conc: 20.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.000 min
Response: 101913528
Conc: 20.27 ng/ml