

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072222\
 Data File : PD071076.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 11:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/22/2022
 Supervised By : Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 23:46:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 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...	3.472	4.125	55134314	545.5E6	19.026m	18.867
28)	SA Decachlor...	8.241	9.321	59212197	231.5E6	19.380	20.301
Target Compounds							
2)	A alpha-BHC	3.913	4.530	43058630	402.5E6	9.815m	10.620
3)	MA gamma-BHC...	4.198	4.823	44407499	361.5E6	10.227	12.103
6)	B beta-BHC	4.448	5.000	21255606	163.1E6	12.717	12.156
12)	B 4,4'-DDE	5.639	6.508	1084024	5143836	0.308m	0.343m
14)	MA Endrin	6.034	6.897	167.2E6	585.5E6	53.541	56.445
16)	A 4,4'-DDD	6.159	7.011	3051433	7645158	1.040m	0.615m#
17)	MA 4,4'-DDT	6.402	7.314	337.5E6	1282.7E6	110.242	95.774
18)	B Endrin al...	6.475	7.235	4773414	15548342	1.990m	1.542m
20)	A Methoxychlor	6.951	7.773	430.1E6	1560.9E6	260.151m	227.159
21)	B Endrin ke...	7.182	7.942	10455579	22682926	3.018m	1.639m#

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

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Sample : PEM
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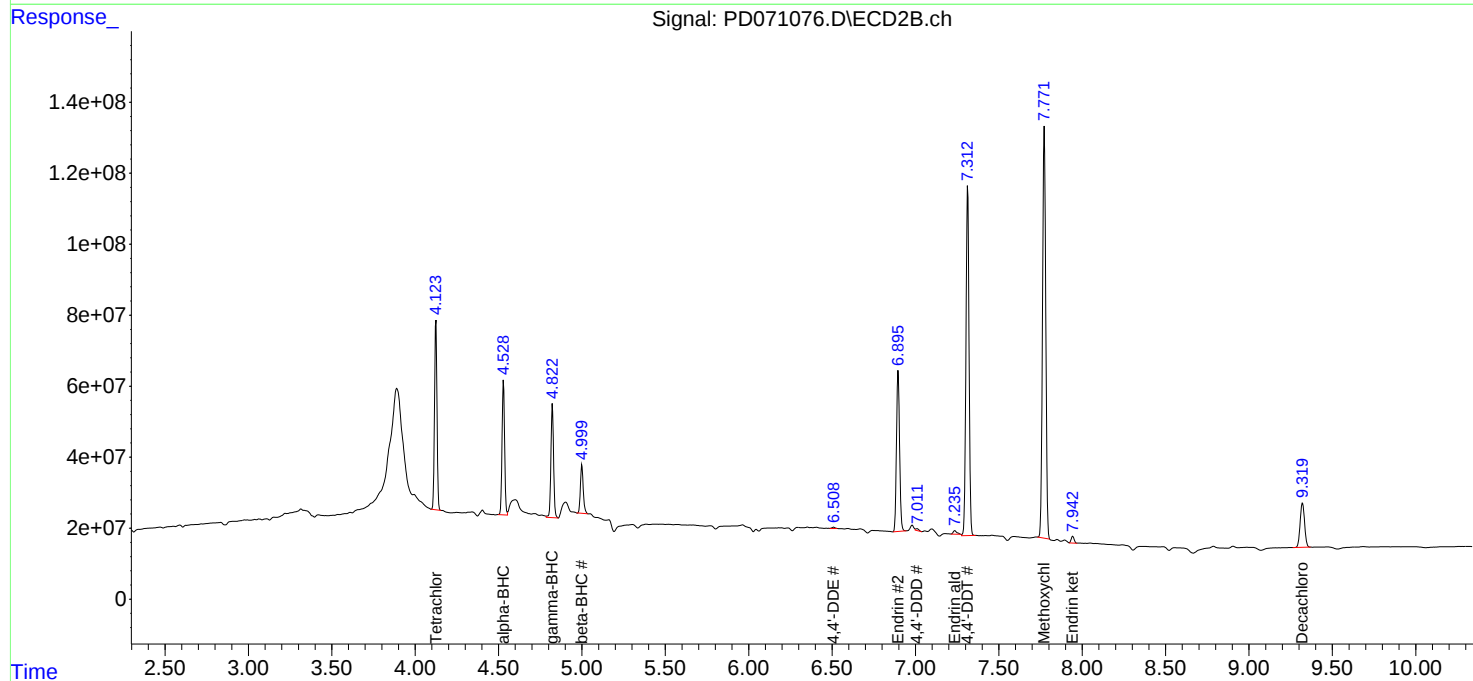
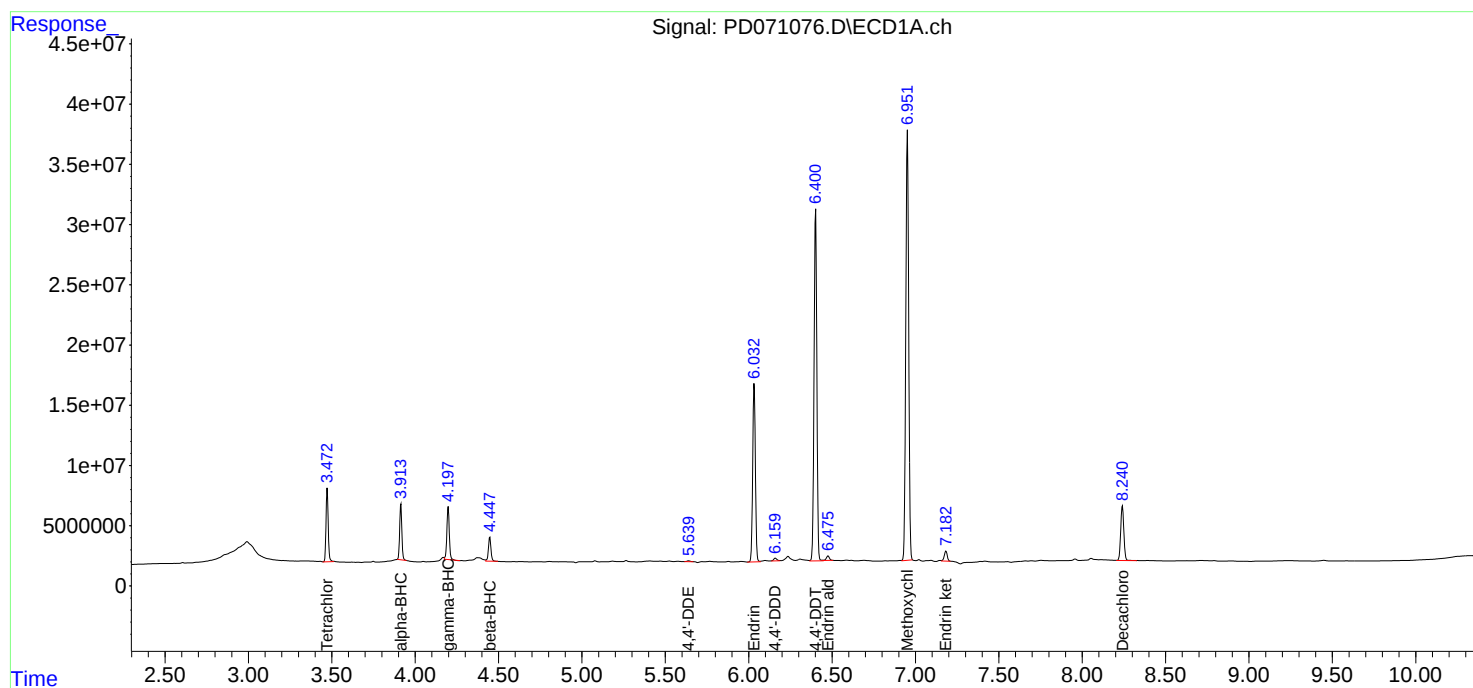
Instrument :
ECD_D
ClientSampleId :
PEM

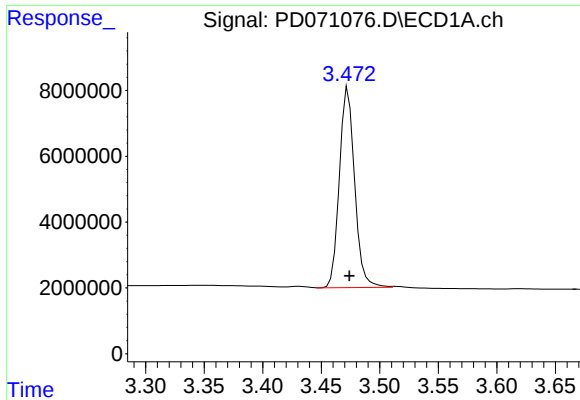
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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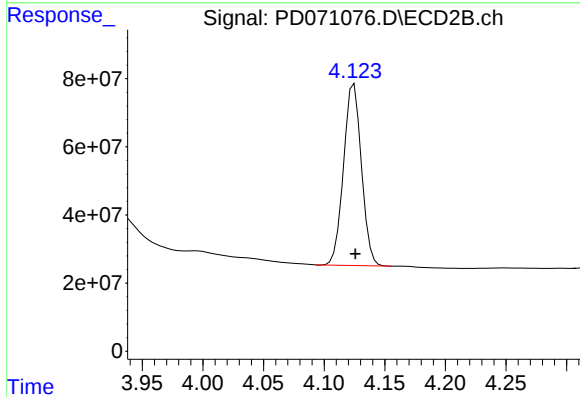
#1 Tetrachloro-m-xylene

R.T.: 3.472 min
Delta R.T.: -0.002 min
Response: 55134314
Conc: 19.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

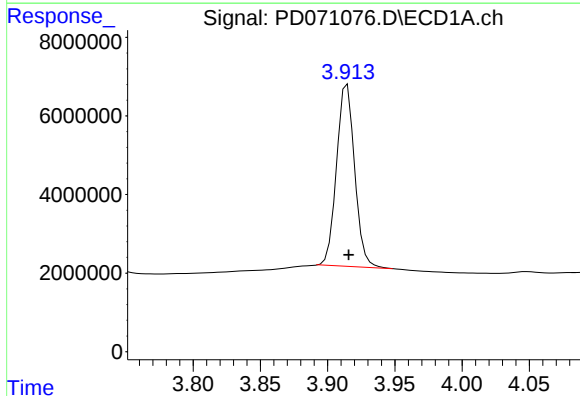
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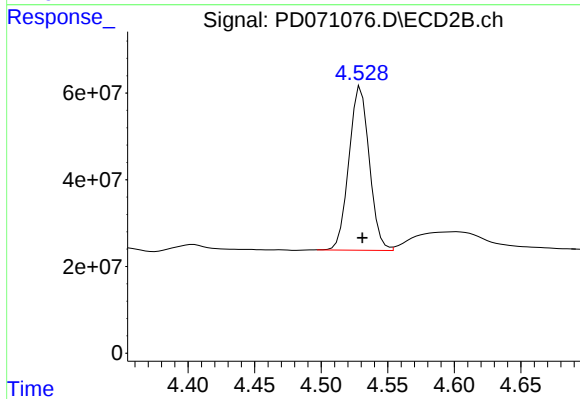
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 545487931
Conc: 18.87 ng/ml



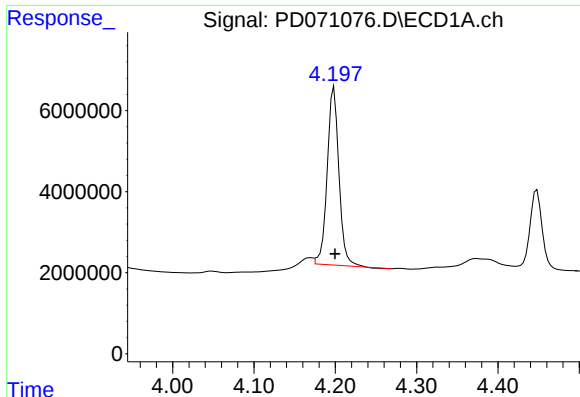
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 43058630
Conc: 9.81 ng/ml m



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 402514678
Conc: 10.62 ng/ml



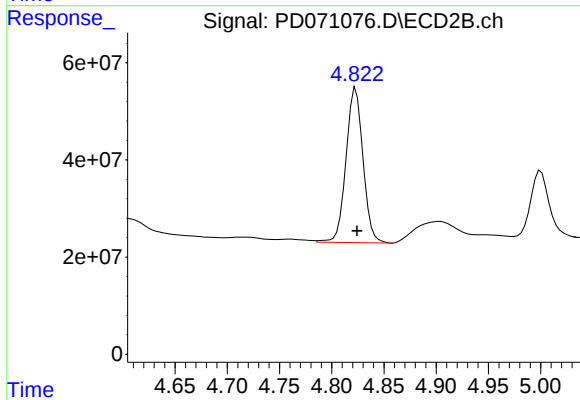
#3 gamma-BHC (Lindane)

R.T.: 4.198 min
Delta R.T.: -0.001 min
Response: 44407499
Conc: 10.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

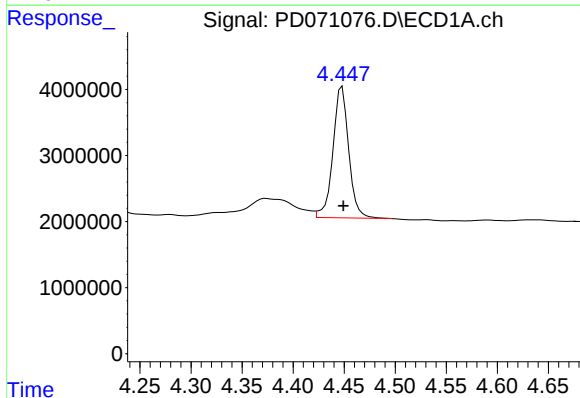
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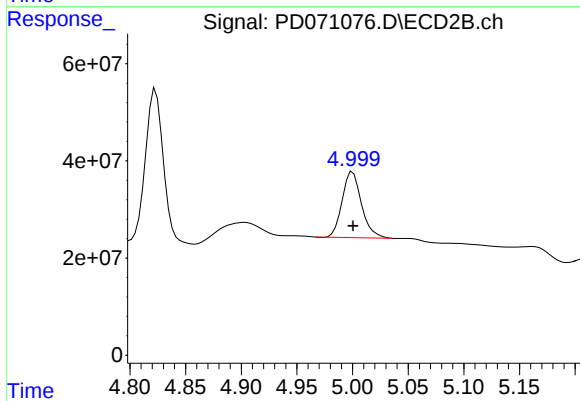
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 361489992
Conc: 12.10 ng/ml



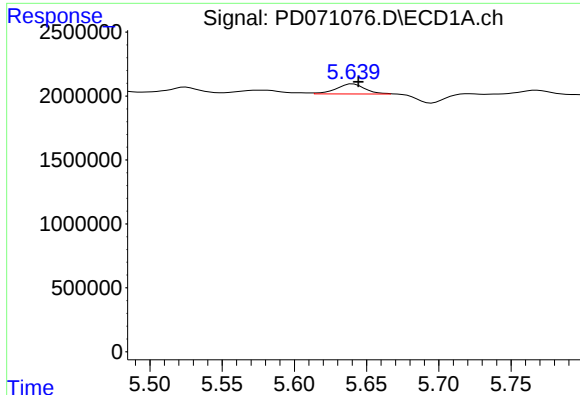
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: -0.001 min
Response: 21255606
Conc: 12.72 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 163054128
Conc: 12.16 ng/ml



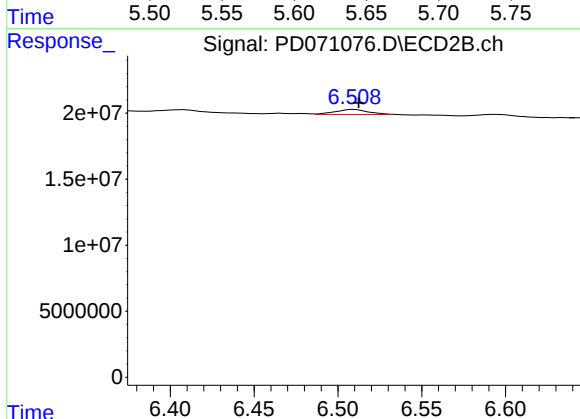
#12 4,4'-DDE

R.T.: 5.639 min
Delta R.T.: -0.005 min
Response: 1084024
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

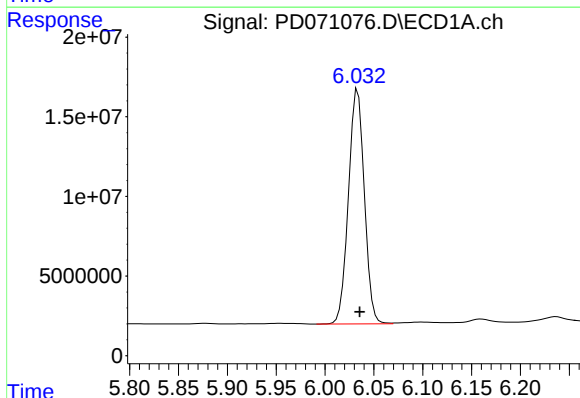
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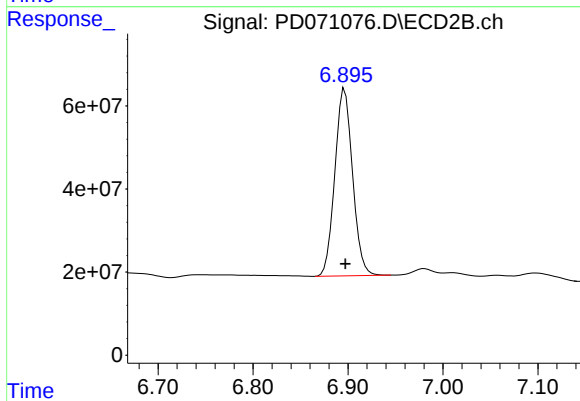
#12 4,4'-DDE

R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 5143836
Conc: 0.34 ng/ml m



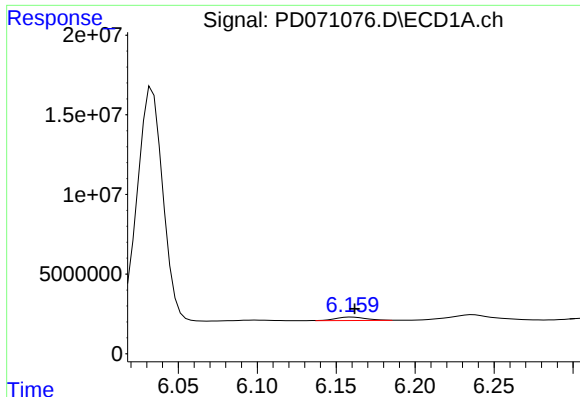
#14 Endrin

R.T.: 6.034 min
Delta R.T.: -0.002 min
Response: 167195492
Conc: 53.54 ng/ml



#14 Endrin

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 585461711
Conc: 56.45 ng/ml



#16 4,4'-DDD

R.T.: 6.159 min
Delta R.T.: -0.003 min
Response: 3051433
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#16 4,4'-DDD

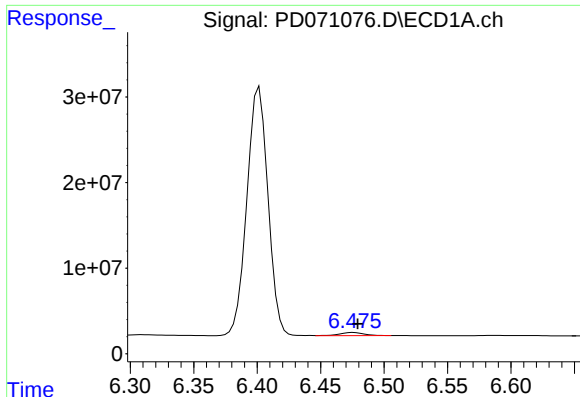
R.T.: 7.011 min
Delta R.T.: -0.001 min
Response: 7645158
Conc: 0.61 ng/ml m

#17 4,4'-DDT

R.T.: 6.402 min
Delta R.T.: -0.002 min
Response: 337467244
Conc: 110.24 ng/ml

#17 4,4'-DDT

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 1282736252
Conc: 95.77 ng/ml



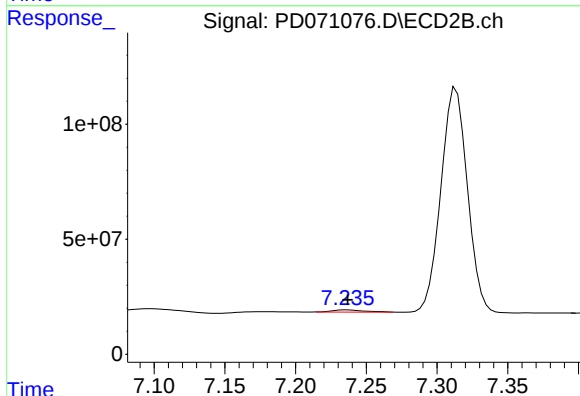
#18 Endrin aldehyde

R.T.: 6.475 min
Delta R.T.: -0.005 min
Response: 4773414
Conc: 1.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

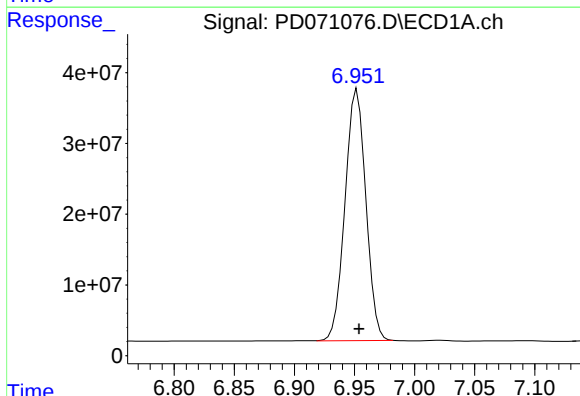
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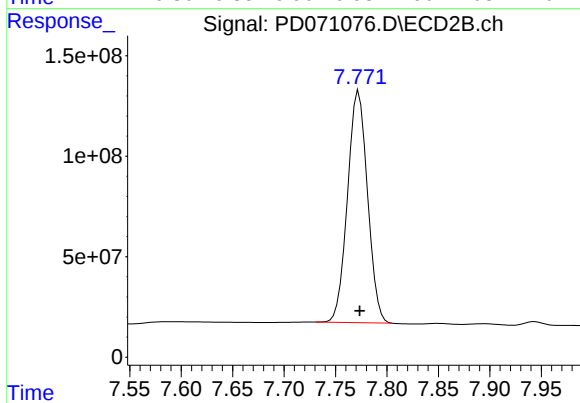
#18 Endrin aldehyde

R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 15548342
Conc: 1.54 ng/ml m



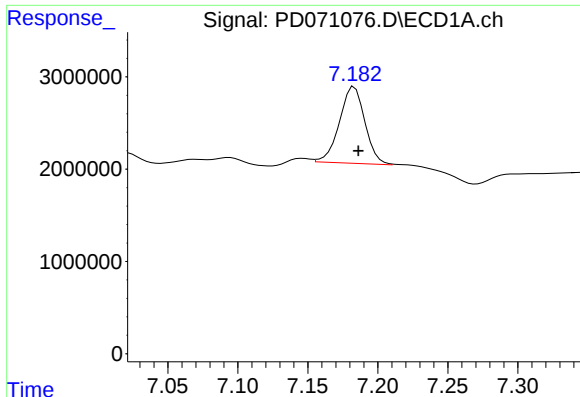
#20 Methoxychlor

R.T.: 6.951 min
Delta R.T.: -0.003 min
Response: 430062631
Conc: 260.15 ng/ml m



#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 1560921912
Conc: 227.16 ng/ml



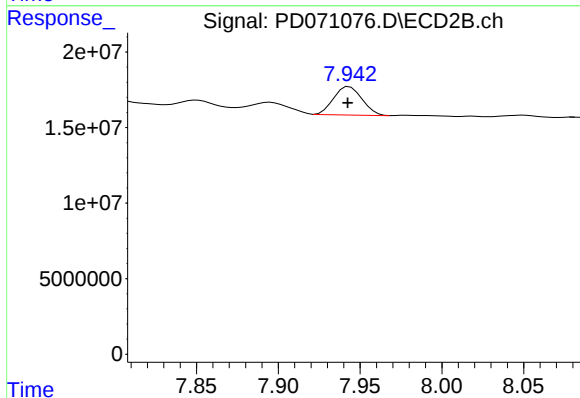
#21 Endrin ketone

R.T.: 7.182 min
Delta R.T.: -0.004 min
Response: 10455579
Conc: 3.02 ng/ml

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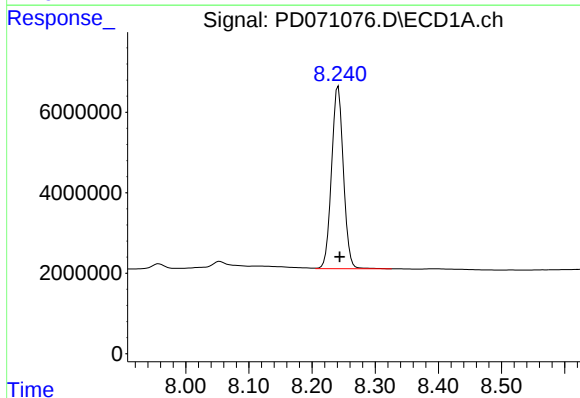
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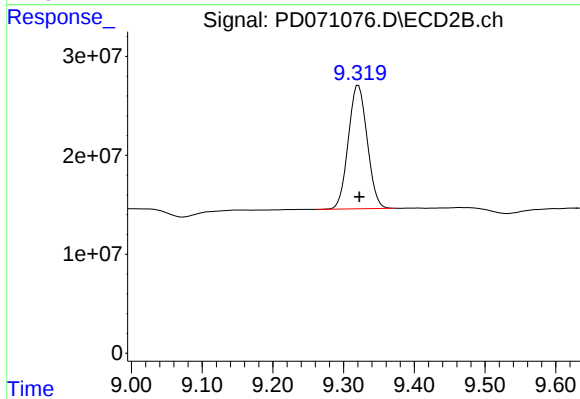
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 22682926
Conc: 1.64 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.241 min
Delta R.T.: -0.002 min
Response: 59212197
Conc: 19.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.321 min
Delta R.T.: -0.001 min
Response: 231529419
Conc: 20.30 ng/ml