

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121622\
 Data File : PD073329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2022 10:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/19/2022
 Supervised By : Ankita Jodhani 12/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 16:59:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 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 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...	2.703	3.457	41777351	1967.0E6	19.934	20.001
28)	SA Decachlor...	7.832	8.912	52307988	387.8E6	21.604	22.000
Target Compounds							
2)	A alpha-BHC	3.206	3.921	26944995	1384.9E6	7.790	10.362 #
3)	MA gamma-BHC...	3.537	4.255	26232759	1103.8E6	9.540	11.187
6)	B beta-BHC	3.838	4.471	14219037	255.7E6	11.197	7.547 #
14)	MA Endrin	5.564	6.487	120.3E6	1248.7E6	46.859	38.009
17)	MA 4,4'-DDT	5.959	6.929	250.6E6	2926.8E6	113.126	96.853
18)	B Endrin al...	6.044	6.846	3140765	22676111	1.669	0.967m#
20)	A Methoxychlor	6.542	7.409	345.3E6	3206.8E6	259.073	236.919
21)	B Endrin ke...	6.776	7.571	8549630	61709010	3.146	2.248 #

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

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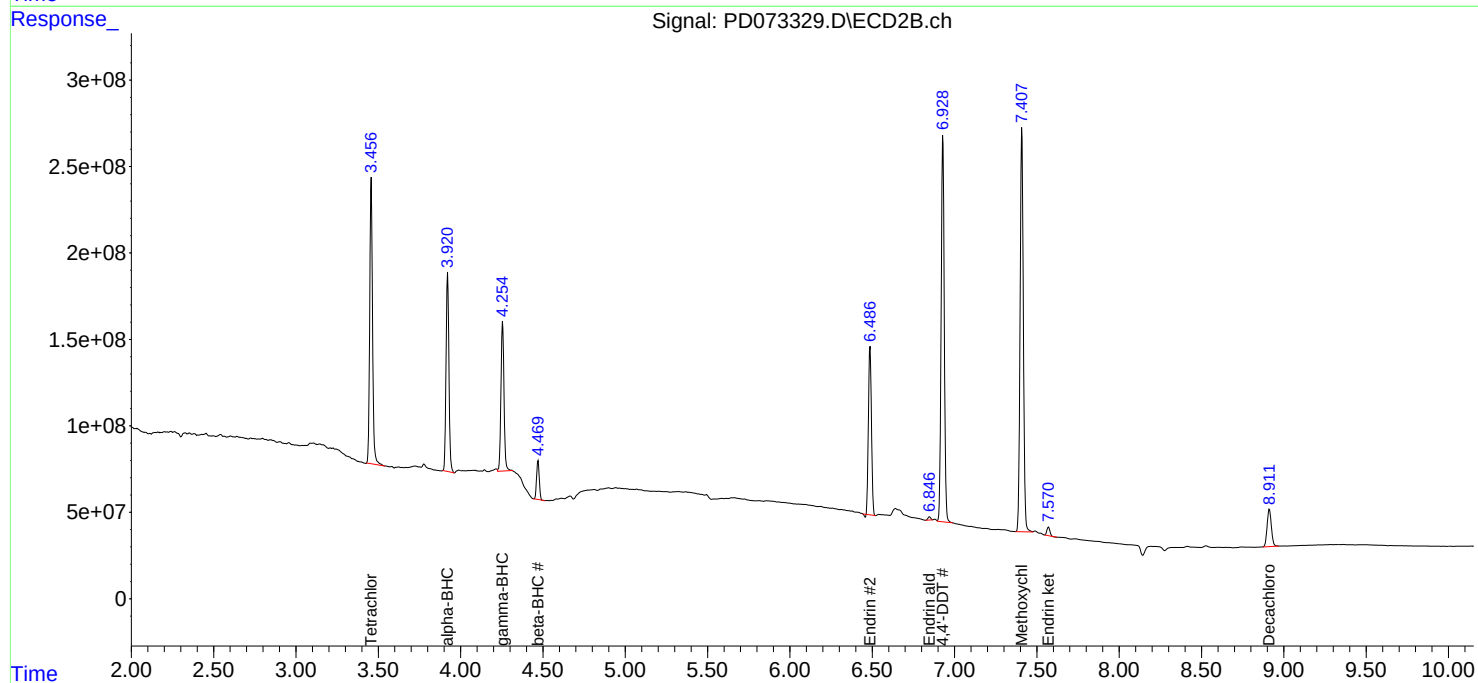
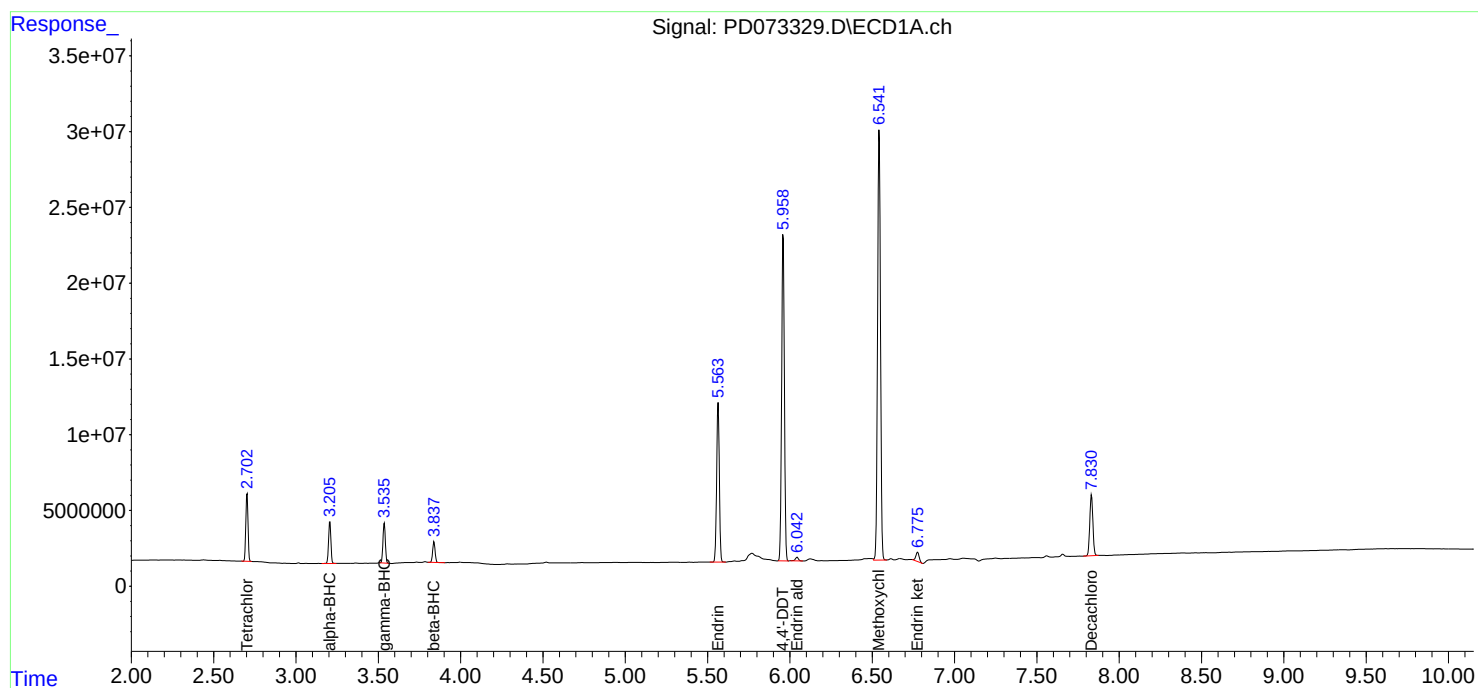
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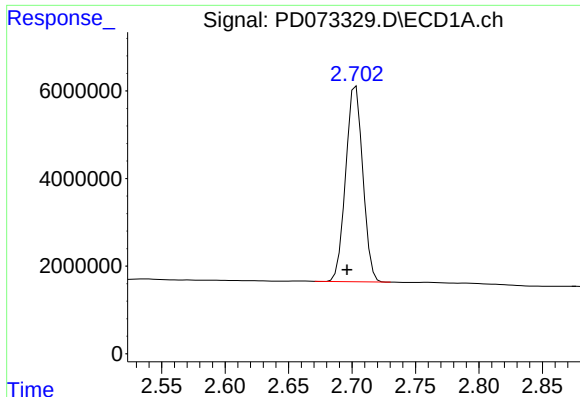
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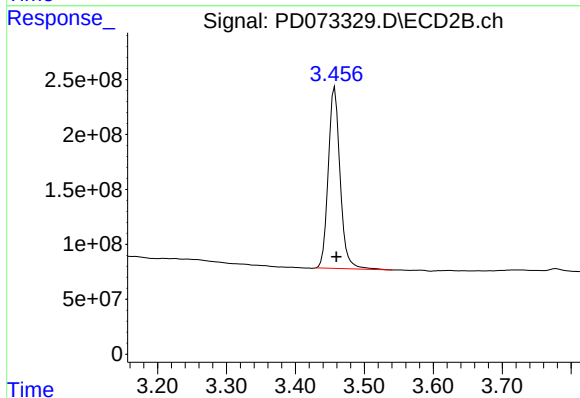
#1 Tetrachloro-m-xylene

R.T.: 2.703 min
Delta R.T.: 0.007 min
Response: 41777351
Conc: 19.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

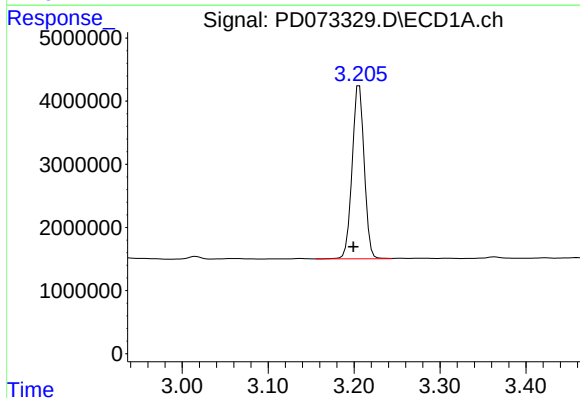
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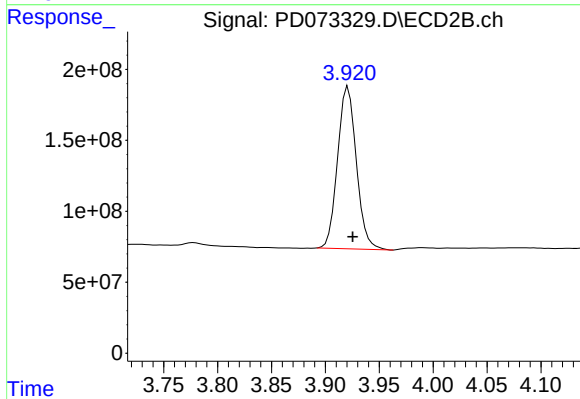
#1 Tetrachloro-m-xylene

R.T.: 3.457 min
Delta R.T.: -0.002 min
Response: 1967016262
Conc: 20.00 ng/ml



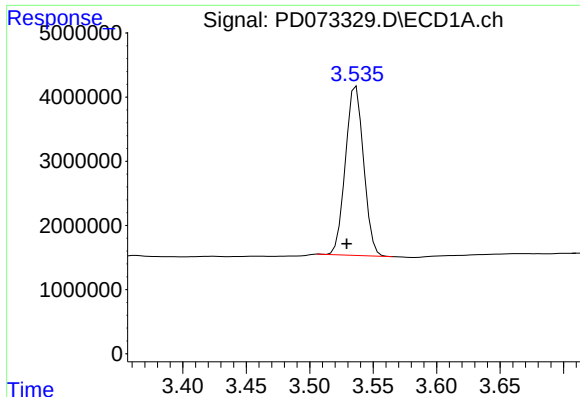
#2 alpha-BHC

R.T.: 3.206 min
Delta R.T.: 0.007 min
Response: 26944995
Conc: 7.79 ng/ml



#2 alpha-BHC

R.T.: 3.921 min
Delta R.T.: -0.004 min
Response: 1384906546
Conc: 10.36 ng/ml



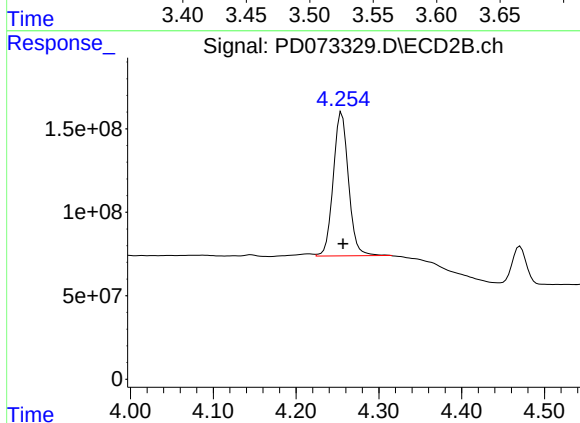
#3 gamma-BHC (Lindane)

R.T.: 3.537 min
Delta R.T.: 0.007 min
Response: 26232759
Conc: 9.54 ng/ml

Instrument :
ECD_D
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PEM

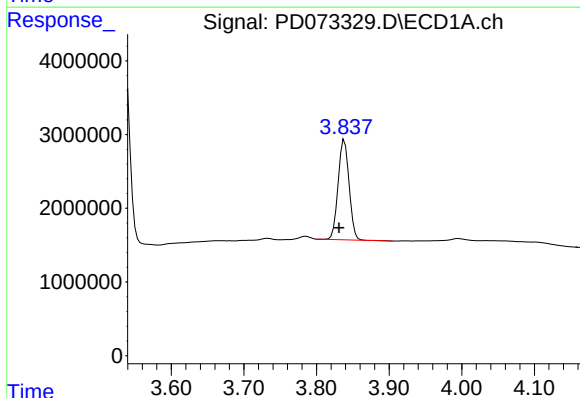
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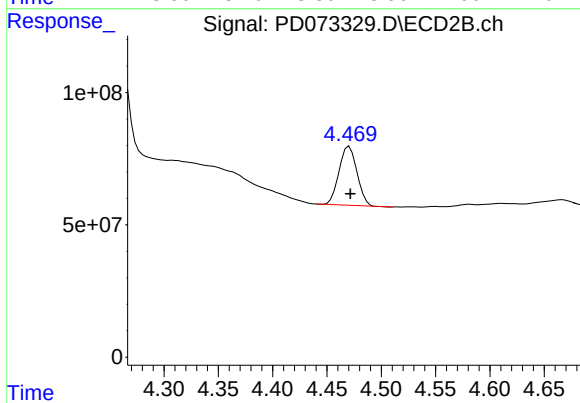
#3 gamma-BHC (Lindane)

R.T.: 4.255 min
Delta R.T.: -0.002 min
Response: 1103826582
Conc: 11.19 ng/ml



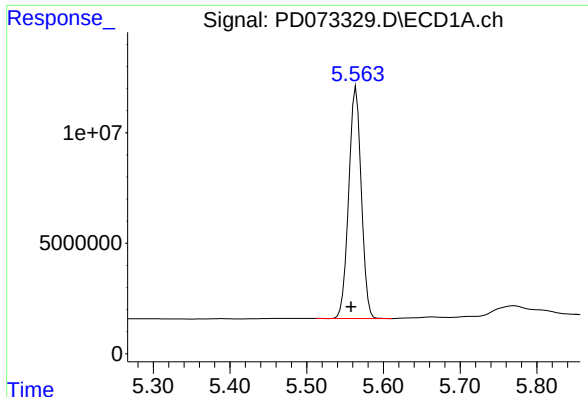
#6 beta-BHC

R.T.: 3.838 min
Delta R.T.: 0.007 min
Response: 14219037
Conc: 11.20 ng/ml



#6 beta-BHC

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 255734116
Conc: 7.55 ng/ml



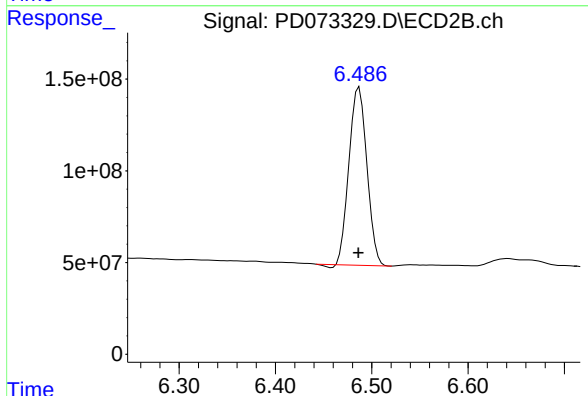
#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.007 min
Response: 120317223
Conc: 46.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

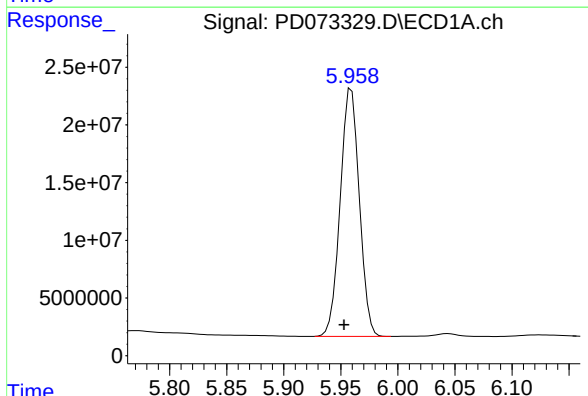
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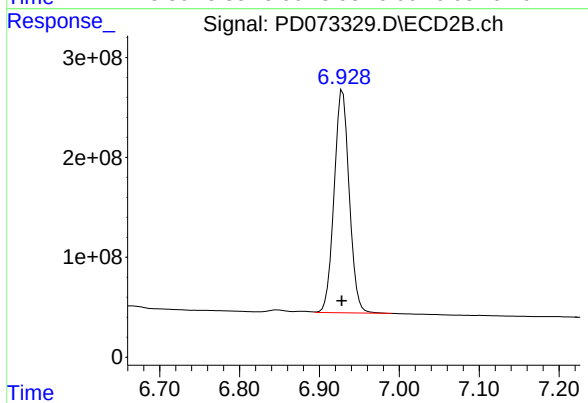
#14 Endrin

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 1248719143
Conc: 38.01 ng/ml



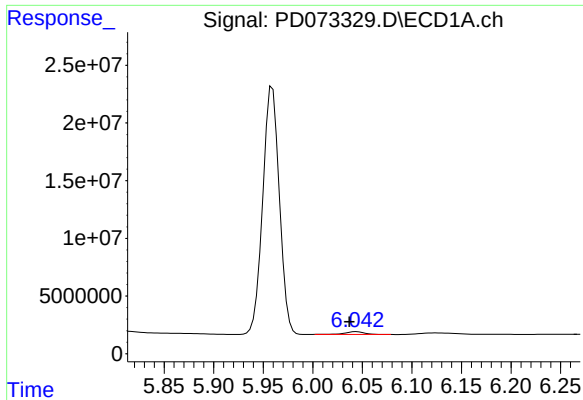
#17 4,4'-DDT

R.T.: 5.959 min
Delta R.T.: 0.006 min
Response: 250592800
Conc: 113.13 ng/ml



#17 4,4'-DDT

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 2926842563
Conc: 96.85 ng/ml



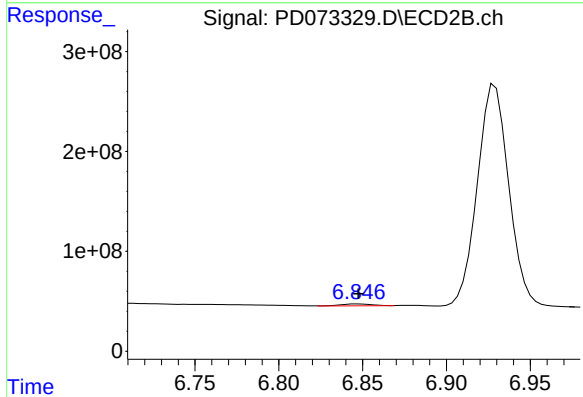
#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: 0.007 min
Response: 3140765
Conc: 1.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

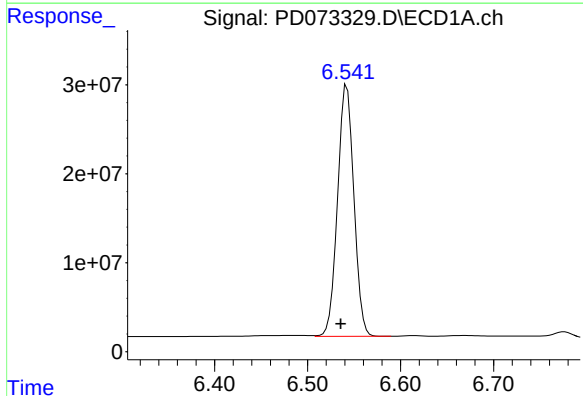
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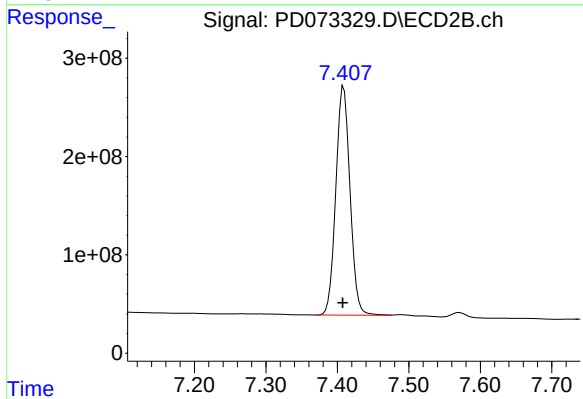
#18 Endrin aldehyde

R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 22676111
Conc: 0.97 ng/ml m



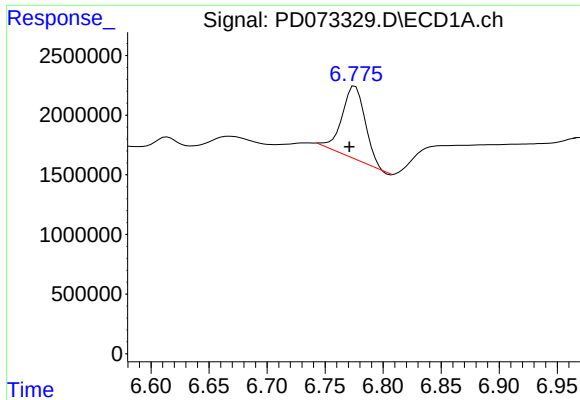
#20 Methoxychlor

R.T.: 6.542 min
Delta R.T.: 0.007 min
Response: 345295561
Conc: 259.07 ng/ml



#20 Methoxychlor

R.T.: 7.409 min
Delta R.T.: 0.001 min
Response: 3206787471
Conc: 236.92 ng/ml



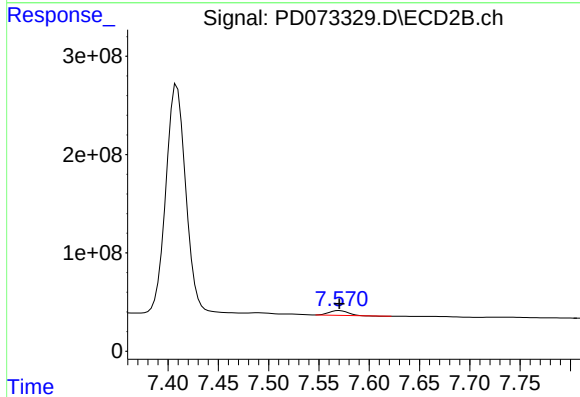
#21 Endrin ketone

R.T.: 6.776 min
Delta R.T.: 0.005 min
Response: 8549630
Conc: 3.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

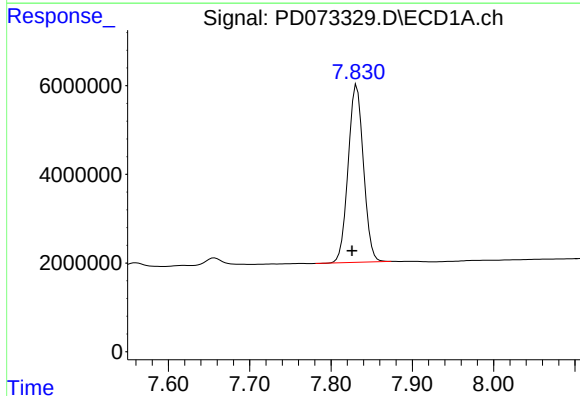
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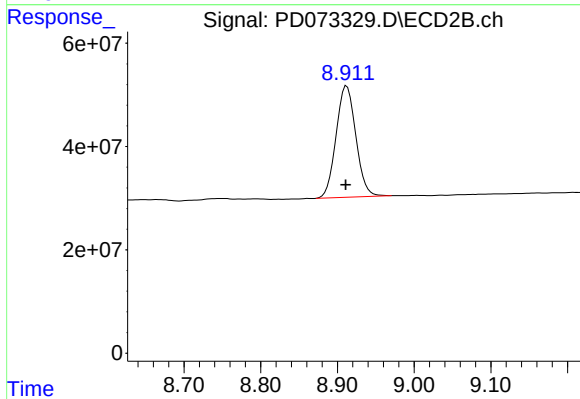
#21 Endrin ketone

R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 61709010
Conc: 2.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: 0.006 min
Response: 52307988
Conc: 21.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.912 min
Delta R.T.: 0.001 min
Response: 387806581
Conc: 22.00 ng/ml