

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
 Data File : PD071003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 00:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/20/2022
 Supervised By : Ankita Jodhani 07/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 06:36:05 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 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...	3.474	4.126	55412991	568.5E6	19.122	19.664
28)	SA Decachlor...	8.243	9.321	60171969	230.4E6	19.694	20.203
Target Compounds							
2)	A alpha-BHC	3.915	4.530	43349813	419.6E6	9.881	11.069
3)	MA gamma-BHC...	4.199	4.824	42299784	360.4E6	9.742	12.067
6)	B beta-BHC	4.449	5.000	17448929	162.6E6	10.440	12.125
12)	B 4,4'-DDE	5.643	6.513	649652	1622628	0.184m	0.108m#
14)	MA Endrin	6.035	6.897	155.9E6	518.1E6	49.933	49.947
16)	A 4,4'-DDD	6.162	7.012	3689182	11644624	1.257	0.936m#
17)	MA 4,4'-DDT	6.403	7.314	328.4E6	1240.4E6	107.279	92.615
18)	B Endrin al...	6.476	7.235	5810901	20033084	2.423m	1.987m
20)	A Methoxychlor	6.954	7.773	408.5E6	1499.6E6	247.108	218.239
21)	B Endrin ke...	7.184	7.943	11912534	41759238	3.439	3.017

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

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Acq On : 20 Jul 2022 00:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

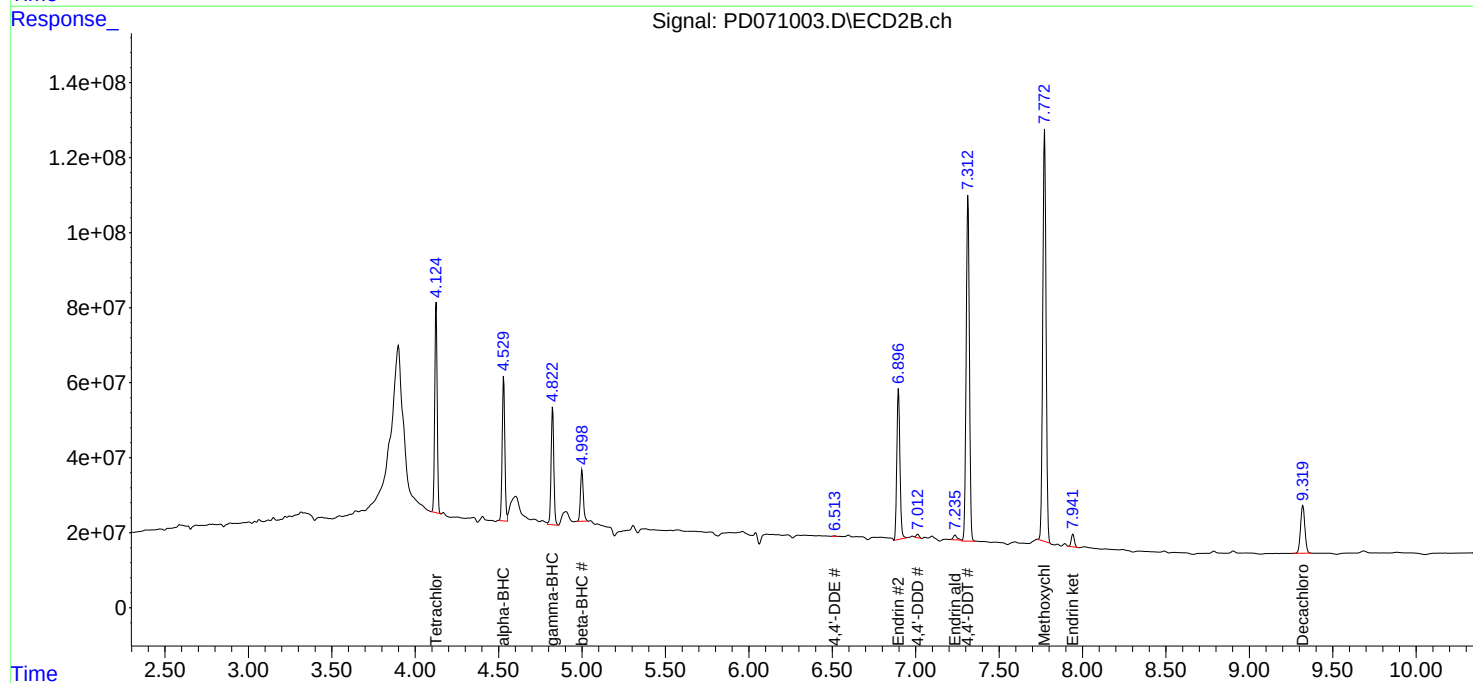
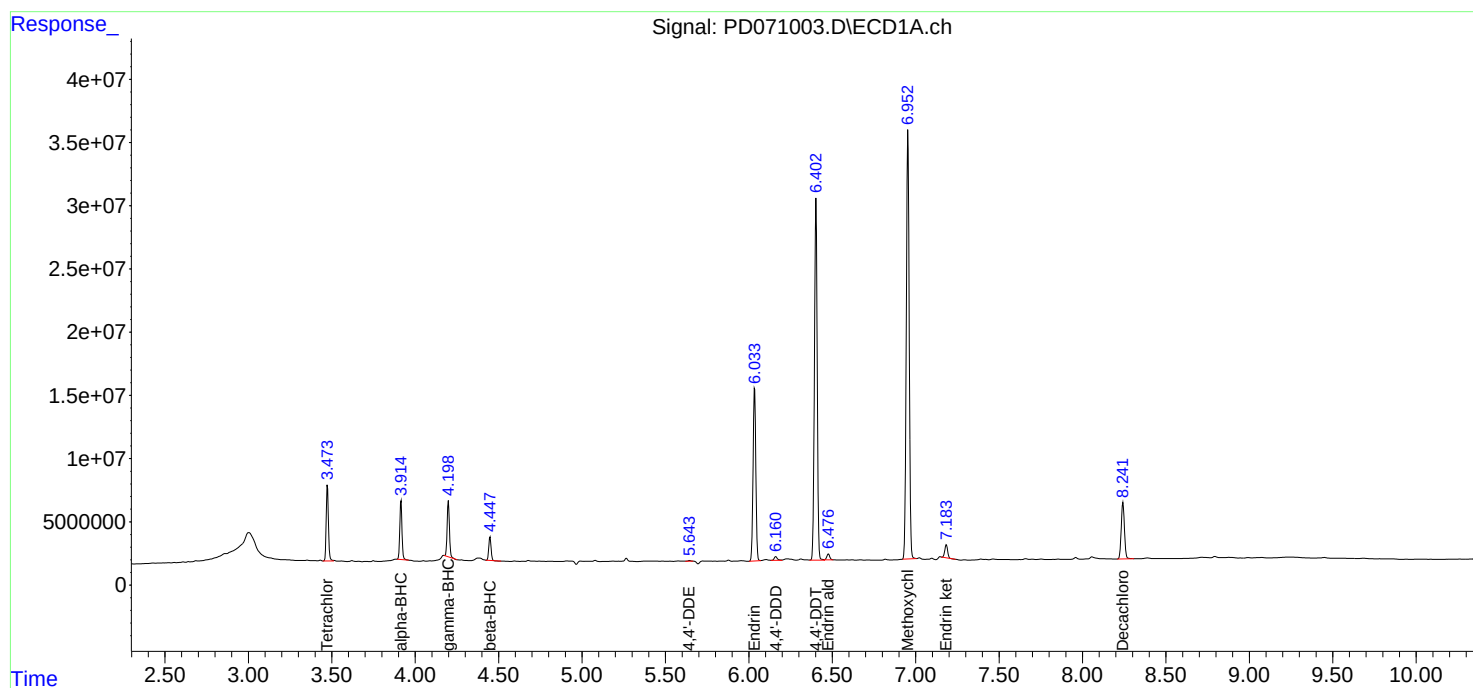
Instrument :
ECD_D
ClientSampleId :
PEM

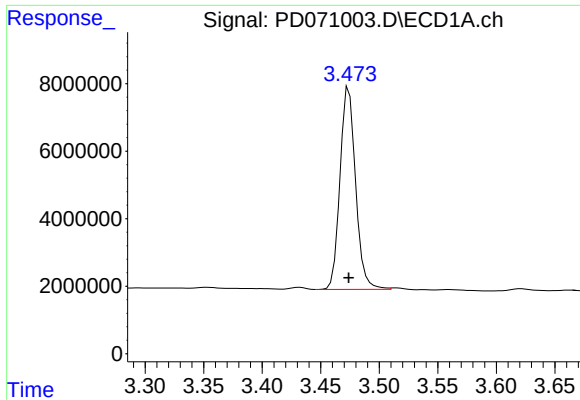
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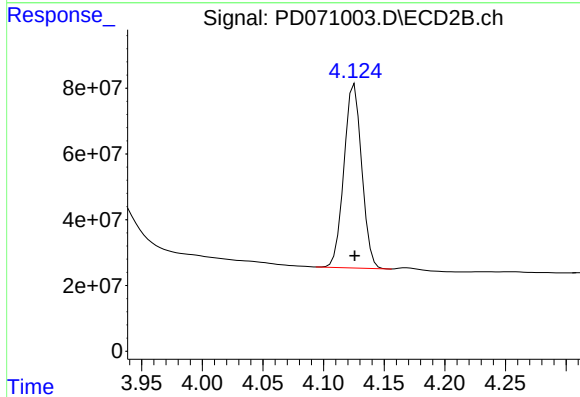
#1 Tetrachloro-m-xylene

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 55412991
Conc: 19.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

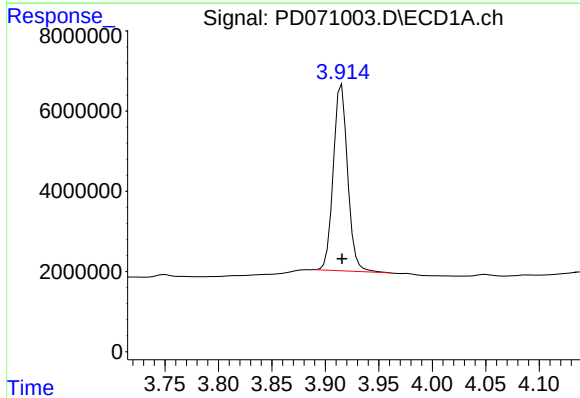
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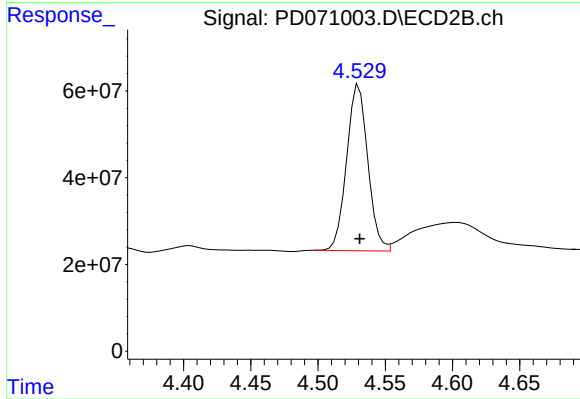
#1 Tetrachloro-m-xylene

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 568545393
Conc: 19.66 ng/ml



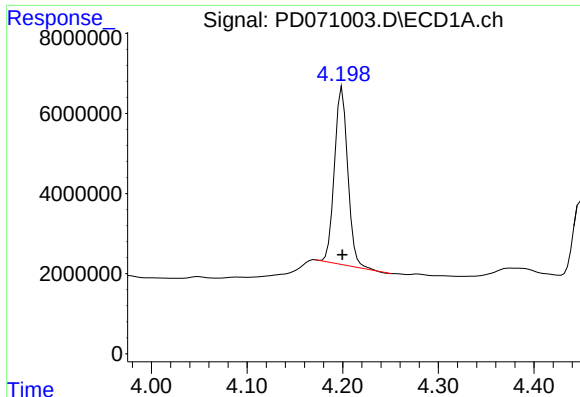
#2 alpha-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 43349813
Conc: 9.88 ng/ml



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 419565205
Conc: 11.07 ng/ml



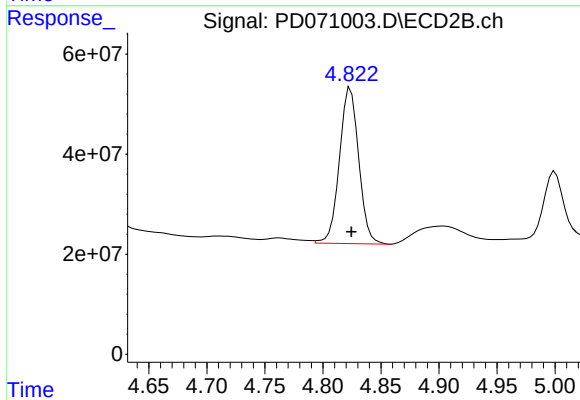
#3 gamma-BHC (Lindane)

R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 42299784
Conc: 9.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

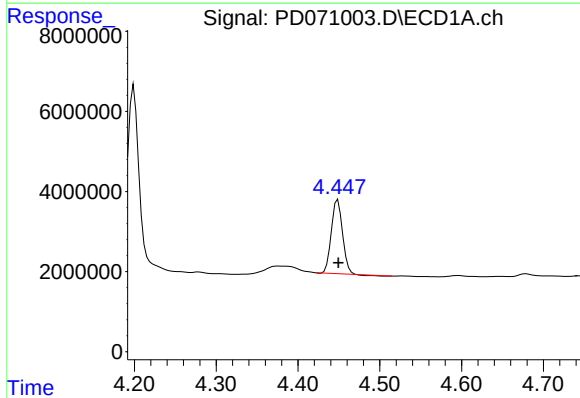
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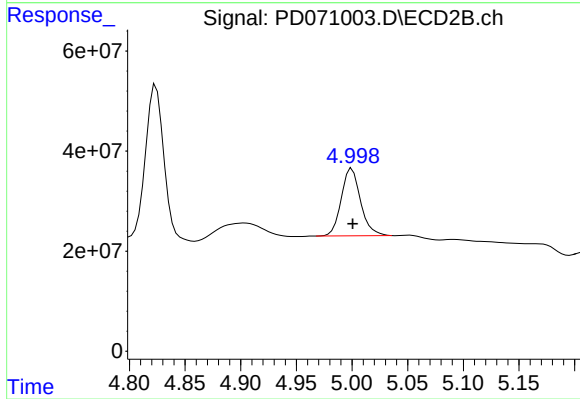
#3 gamma-BHC (Lindane)

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 360398376
Conc: 12.07 ng/ml



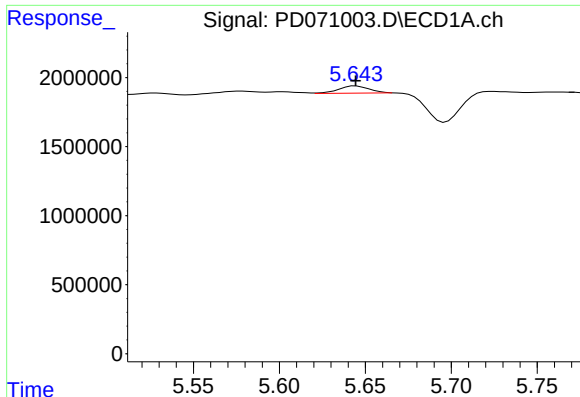
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 17448929
Conc: 10.44 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 162637393
Conc: 12.12 ng/ml



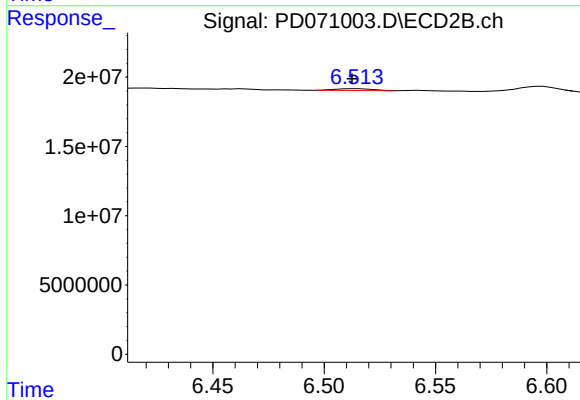
#12 4,4'-DDE

R.T.: 5.643 min
Delta R.T.: -0.001 min
Response: 649652
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

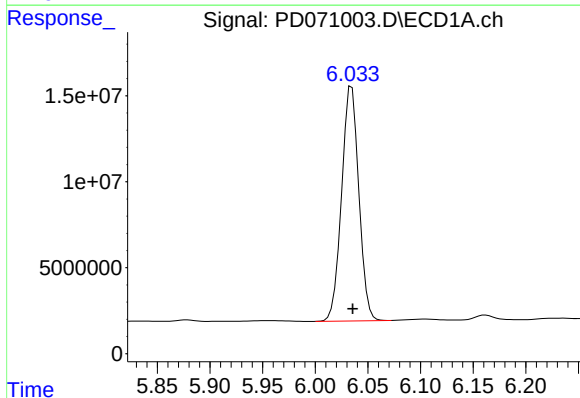
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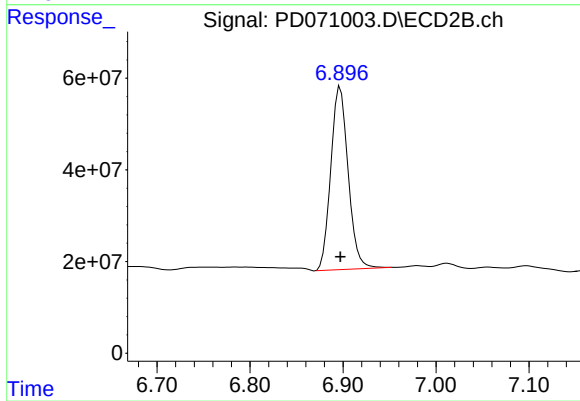
#12 4,4'-DDE

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 1622628
Conc: 0.11 ng/ml m



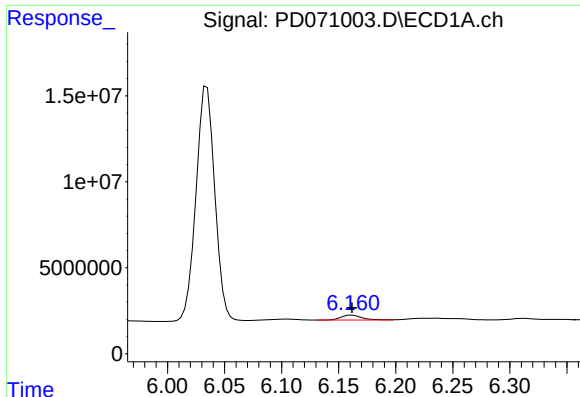
#14 Endrin

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 155928419
Conc: 49.93 ng/ml



#14 Endrin

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 518061692
Conc: 49.95 ng/ml



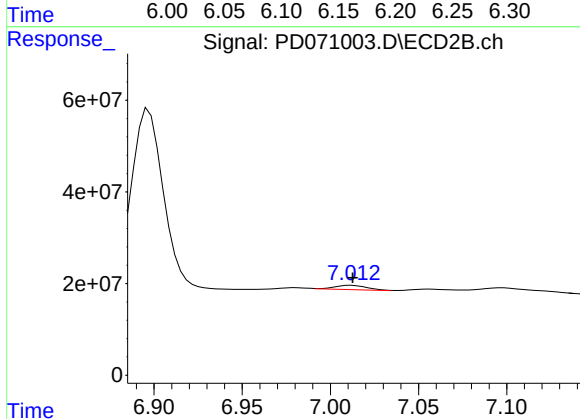
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 3689182
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

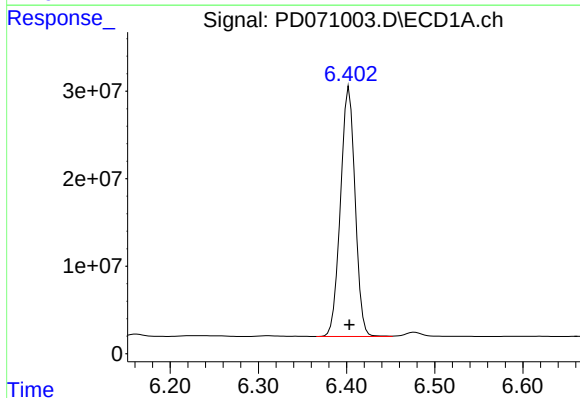
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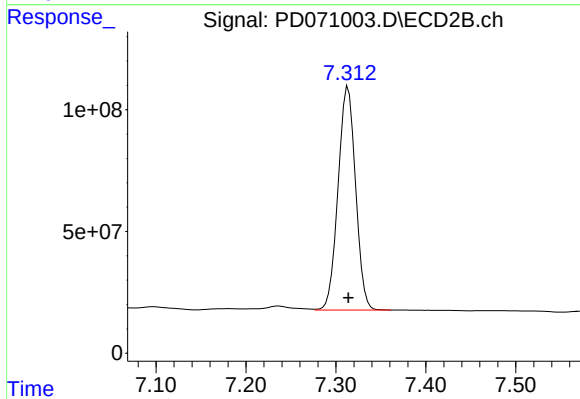
#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 11644624
Conc: 0.94 ng/ml m



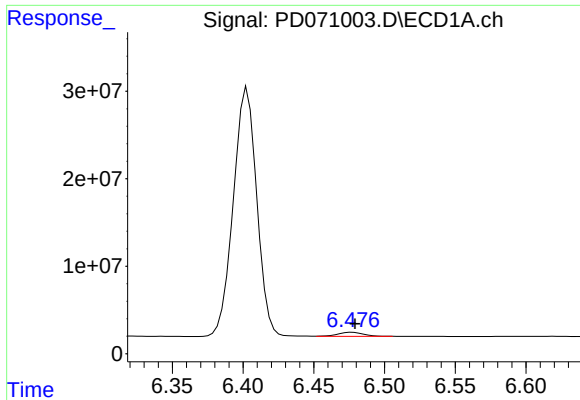
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 328396044
Conc: 107.28 ng/ml



#17 4,4'-DDT

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 1240431617
Conc: 92.61 ng/ml



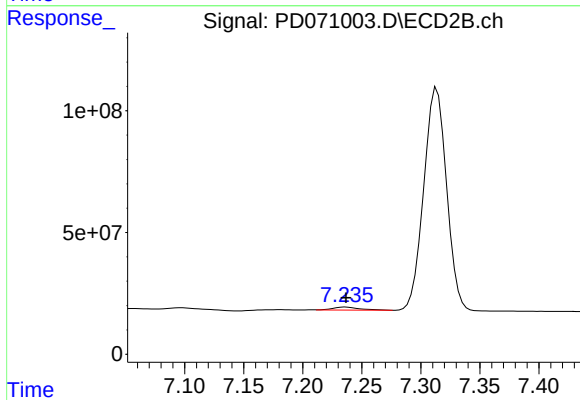
#18 Endrin aldehyde

R.T.: 6.476 min
Delta R.T.: -0.003 min
Response: 5810901
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

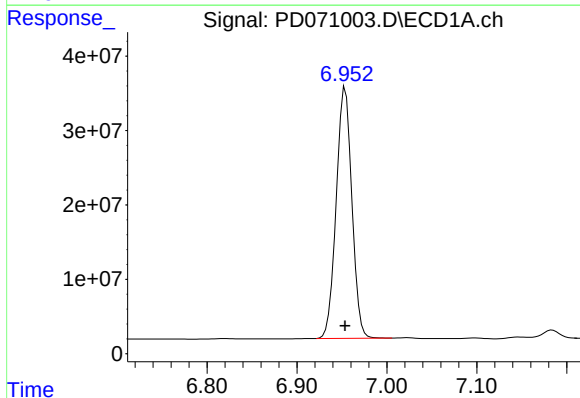
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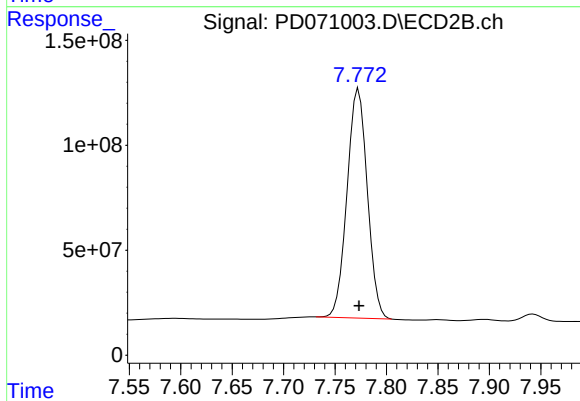
#18 Endrin aldehyde

R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 20033084
Conc: 1.99 ng/ml m



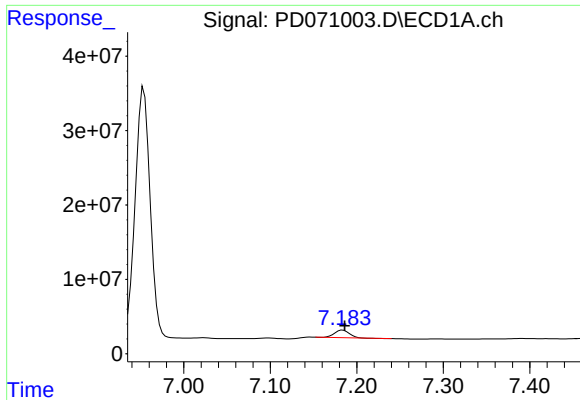
#20 Methoxychlor

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 408500817
Conc: 247.11 ng/ml



#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 1499626706
Conc: 218.24 ng/ml



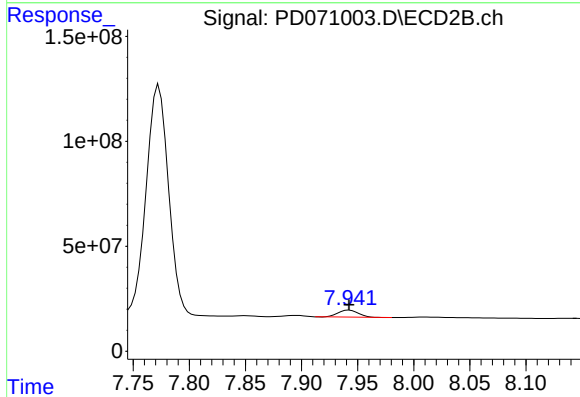
#21 Endrin ketone

R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 11912534
Conc: 3.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

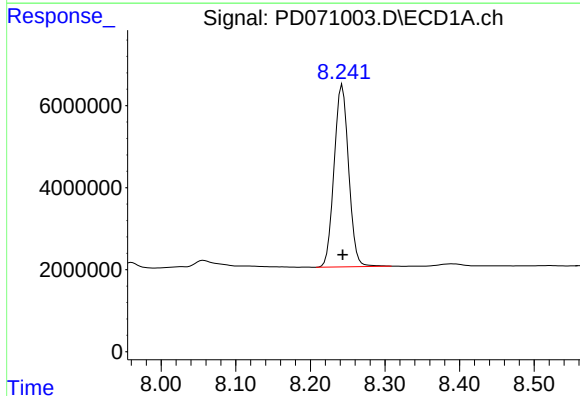
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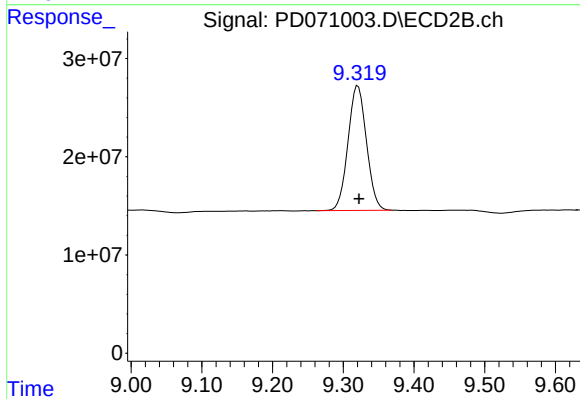
#21 Endrin ketone

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 41759238
Conc: 3.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 60171969
Conc: 19.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.321 min
Delta R.T.: -0.001 min
Response: 230414981
Conc: 20.20 ng/ml