

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102422\
 Data File : PD072582.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2022 09:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/25/2022
 Supervised By : Ankita Jodhani 10/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 22:33:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102022.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 04:17:06 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...	2.707	3.465	48471271	552.8E6	19.454	16.621
28)	SA Decachlor...	7.840	8.921	43348454	164.6E6	19.260	18.292
Target Compounds							
2)	A alpha-BHC	3.211	3.930	37137952	389.1E6	9.431	8.498
3)	MA gamma-BHC...	3.542	4.264	33808640	316.6E6	10.363	8.604
6)	B beta-BHC	3.844	4.479	17033650	124.1E6	10.704	8.733
12)	B 4,4'-DDE	5.156	6.106	330421	2163859	0.111m	0.141 #
14)	MA Endrin	5.571	6.495	119.7E6	475.6E6	44.084	35.610
16)	A 4,4'-DDD	5.718	6.629	4843556	27085465	1.974	2.198
17)	MA 4,4'-DDT	5.967	6.937	243.2E6	928.0E6	103.855	77.847 #
18)	B Endrin al...	6.052	6.856	4623276	23216226	2.351	2.405
20)	A Methoxychlor	6.550	7.416	309.6E6	1104.2E6	230.125	186.489
21)	B Endrin ke...	6.784	7.579	12299660	48624818	4.117	3.897

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

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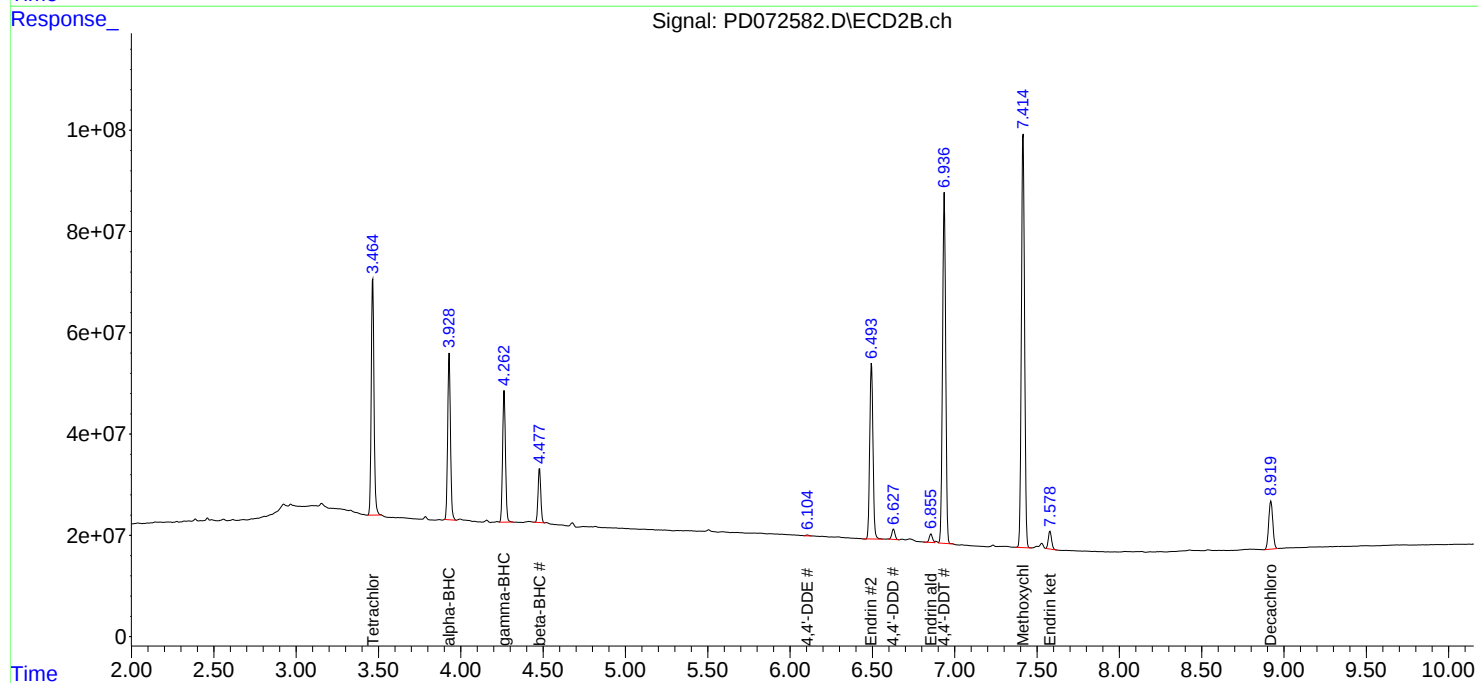
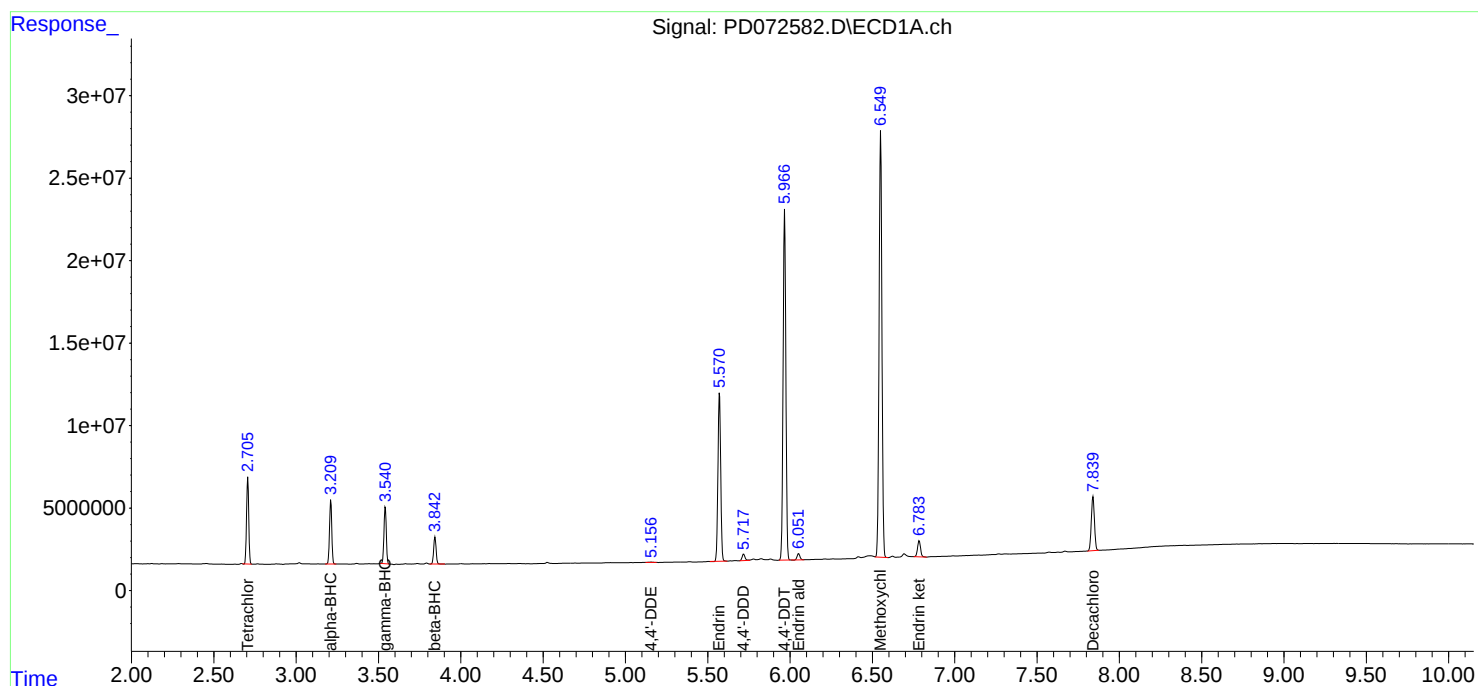
Instrument :
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ClientSampleId :
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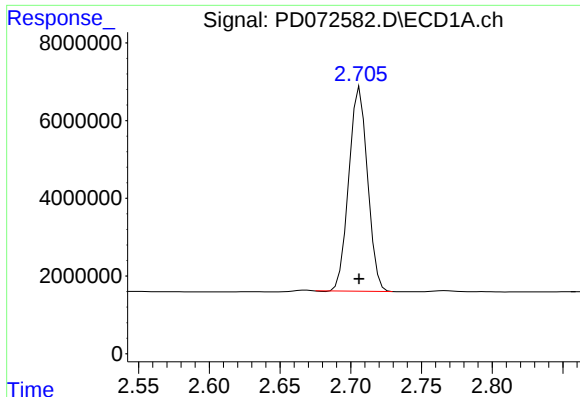
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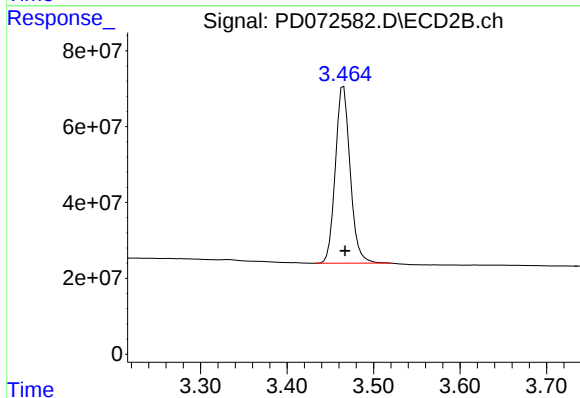
#1 Tetrachloro-m-xylene

R.T.: 2.707 min
Delta R.T.: 0.000 min
Response: 48471271
Conc: 19.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

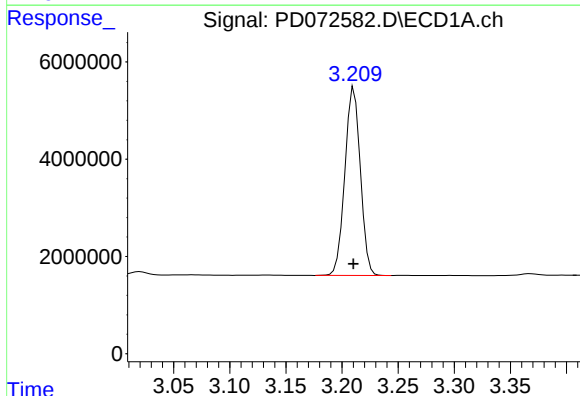
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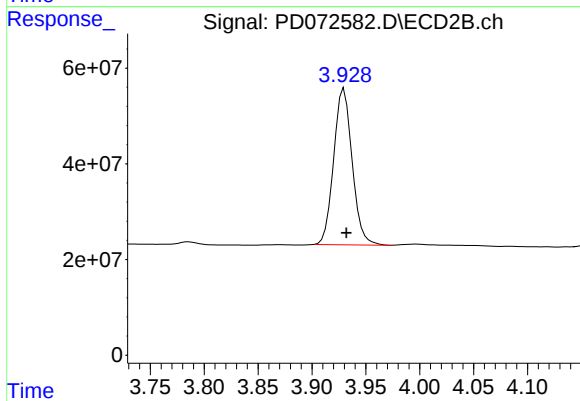
#1 Tetrachloro-m-xylene

R.T.: 3.465 min
Delta R.T.: -0.002 min
Response: 552773780
Conc: 16.62 ng/ml



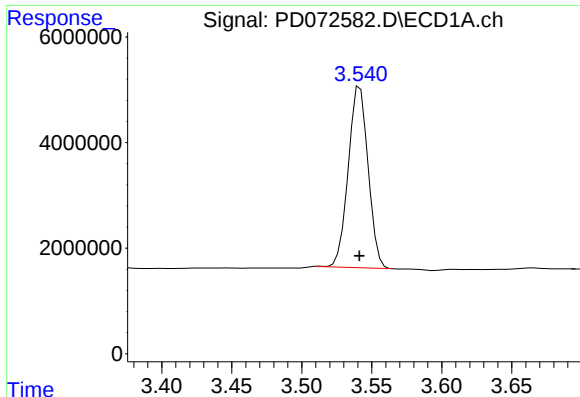
#2 alpha-BHC

R.T.: 3.211 min
Delta R.T.: 0.000 min
Response: 37137952
Conc: 9.43 ng/ml



#2 alpha-BHC

R.T.: 3.930 min
Delta R.T.: -0.002 min
Response: 389134692
Conc: 8.50 ng/ml



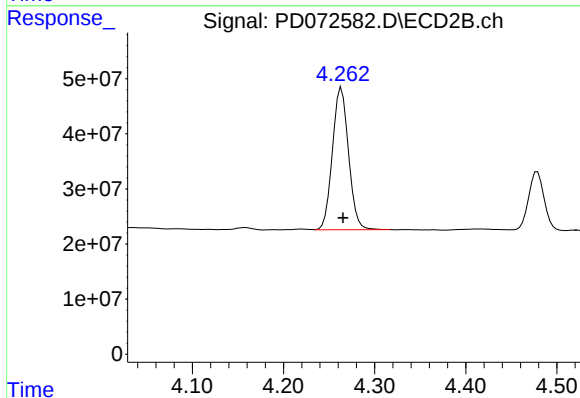
#3 gamma-BHC (Lindane)

R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 33808640
Conc: 10.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

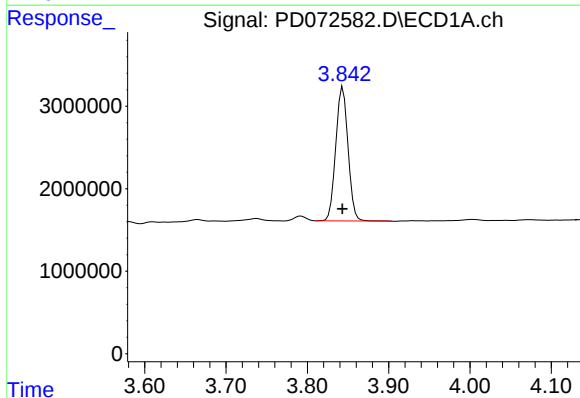
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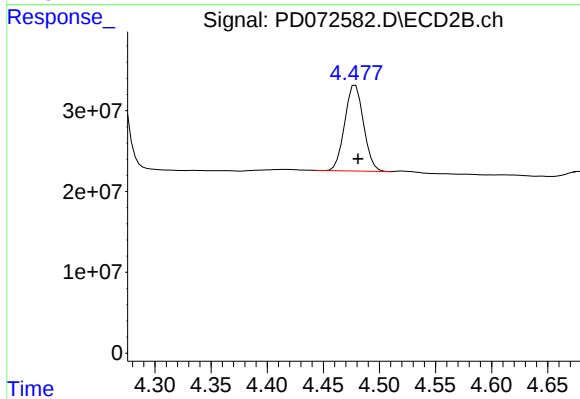
#3 gamma-BHC (Lindane)

R.T.: 4.264 min
Delta R.T.: -0.002 min
Response: 316645217
Conc: 8.60 ng/ml



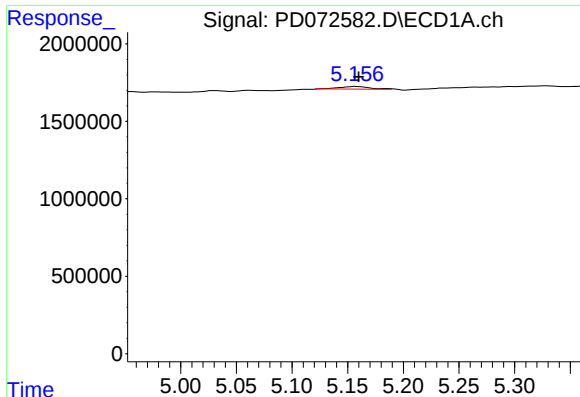
#6 beta-BHC

R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 17033650
Conc: 10.70 ng/ml



#6 beta-BHC

R.T.: 4.479 min
Delta R.T.: -0.002 min
Response: 124134718
Conc: 8.73 ng/ml



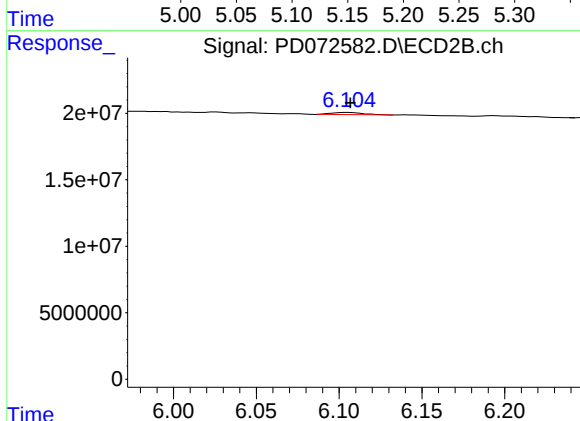
#12 4,4'-DDE

R.T.: 5.156 min
Delta R.T.: -0.004 min
Response: 330421
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

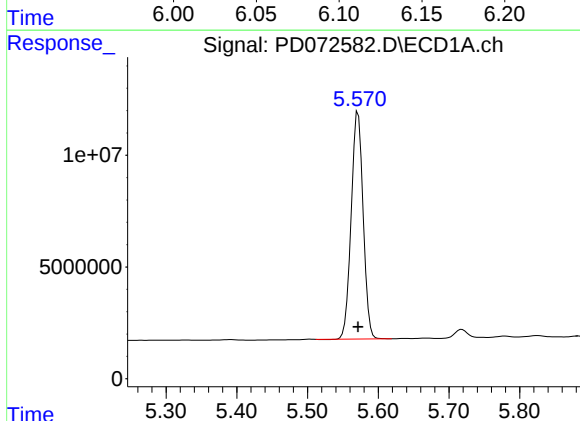
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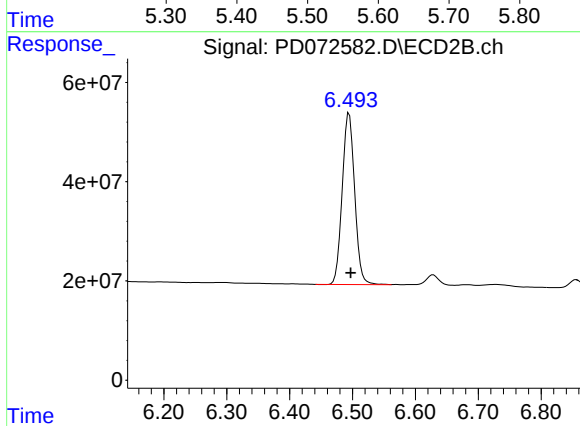
#12 4,4'-DDE

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 2163859
Conc: 0.14 ng/ml



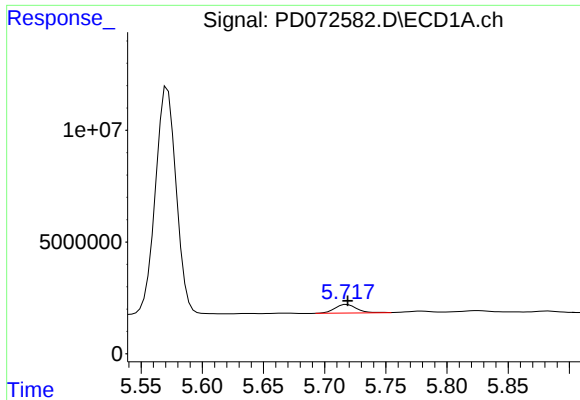
#14 Endrin

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 119697642
Conc: 44.08 ng/ml



#14 Endrin

R.T.: 6.495 min
Delta R.T.: -0.003 min
Response: 475592836
Conc: 35.61 ng/ml



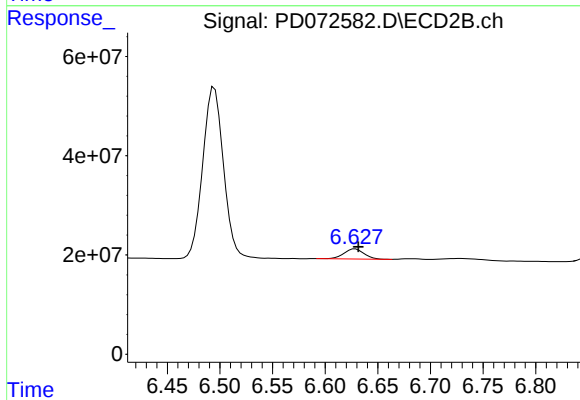
#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 4843556
Conc: 1.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

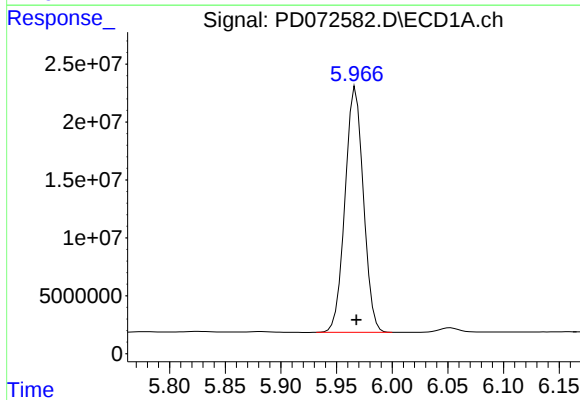
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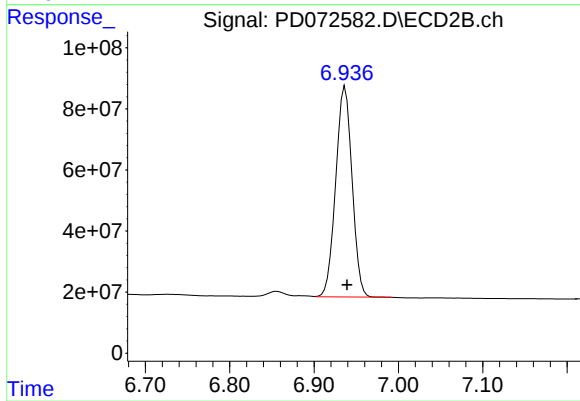
#16 4,4'-DDD

R.T.: 6.629 min
Delta R.T.: -0.003 min
Response: 27085465
Conc: 2.20 ng/ml



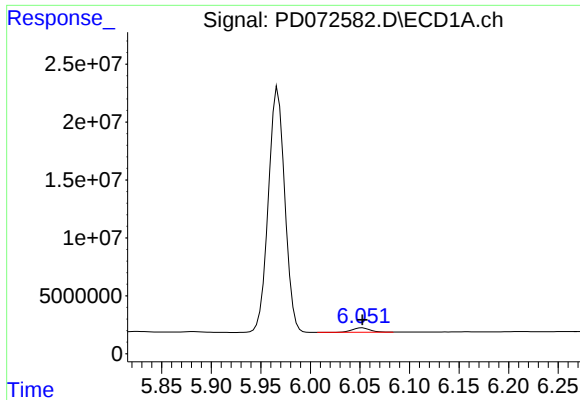
#17 4,4'-DDT

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 243246313
Conc: 103.86 ng/ml



#17 4,4'-DDT

R.T.: 6.937 min
Delta R.T.: -0.002 min
Response: 928048595
Conc: 77.85 ng/ml



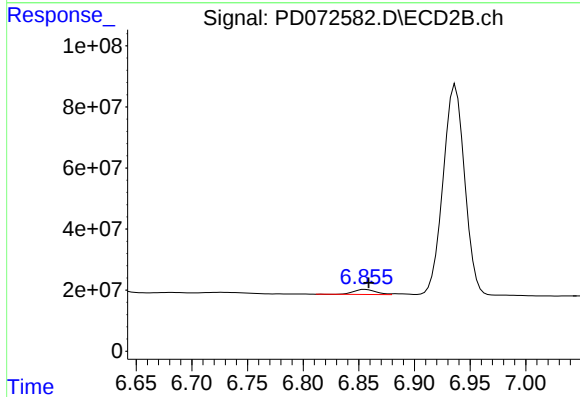
#18 Endrin aldehyde

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 4623276
Conc: 2.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

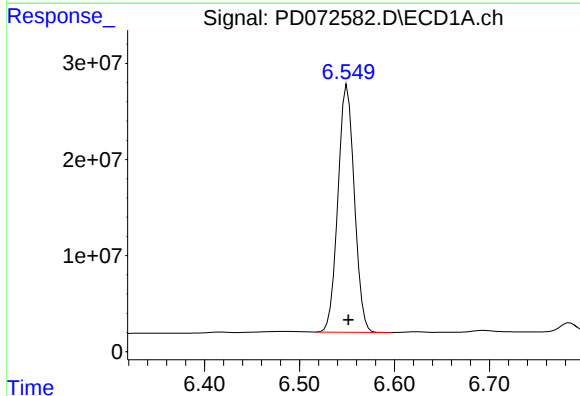
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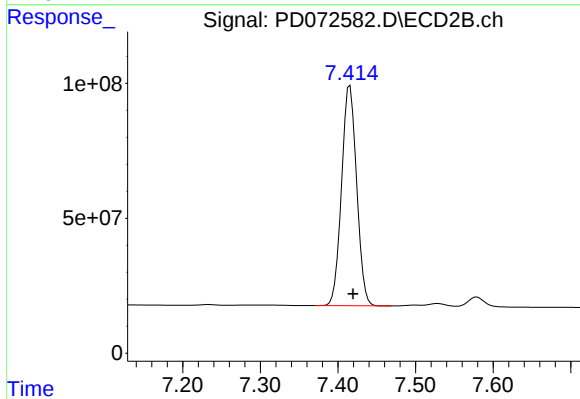
#18 Endrin aldehyde

R.T.: 6.856 min
Delta R.T.: -0.003 min
Response: 23216226
Conc: 2.41 ng/ml



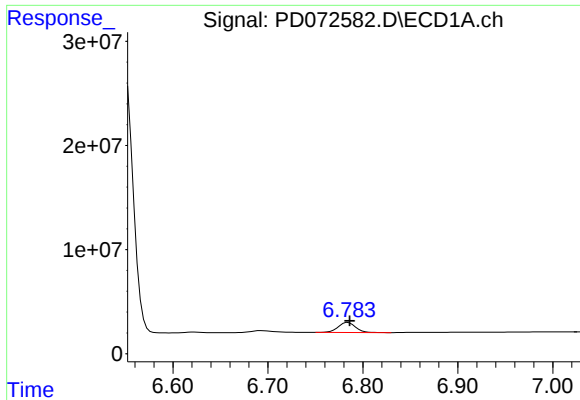
#20 Methoxychlor

R.T.: 6.550 min
Delta R.T.: -0.001 min
Response: 309583550
Conc: 230.13 ng/ml



#20 Methoxychlor

R.T.: 7.416 min
Delta R.T.: -0.004 min
Response: 1104236239
Conc: 186.49 ng/ml



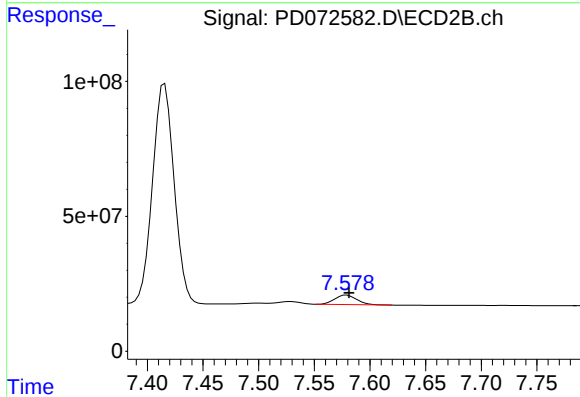
#21 Endrin ketone

R.T.: 6.784 min
Delta R.T.: -0.002 min
Response: 12299660
Conc: 4.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

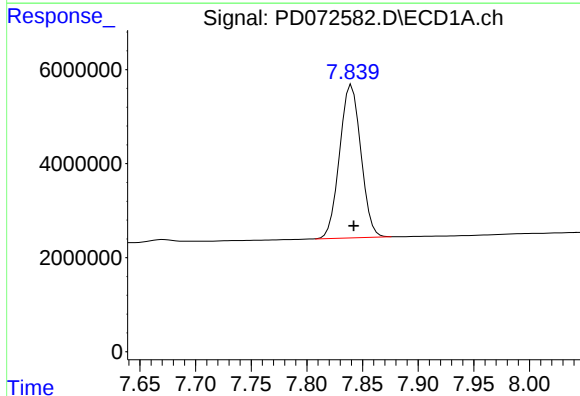
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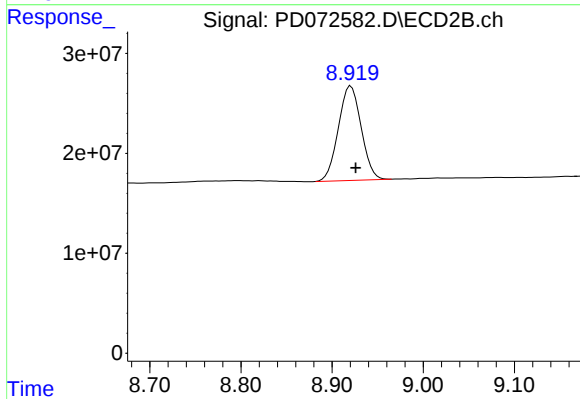
#21 Endrin ketone

R.T.: 7.579 min
Delta R.T.: -0.002 min
Response: 48624818
Conc: 3.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.840 min
Delta R.T.: -0.002 min
Response: 43348454
Conc: 19.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.921 min
Delta R.T.: -0.005 min
Response: 164570360
Conc: 18.29 ng/ml