

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122721\
 Data File : PD067503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2021 10:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/28/2021
 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 01:05:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 04:06:22 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 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...	3.434	3.963	38755889	153.3E6	21.183	17.378
28)	SA Decachlor...	8.156	9.017	18579571	99437624	20.154	22.369
Target Compounds							
2)	A alpha-BHC	3.870	4.357	28655385	107.1E6	9.522	8.607
3)	MA gamma-BHC...	4.151	4.642	28323319	96142894	10.135	8.804
6)	B beta-BHC	4.400	4.820	13175644	49268727	10.672	10.468
12)	B 4,4'-DDE	5.573	6.299	752735	2821886	0.328m	0.420 #
14)	MA Endrin	5.965	6.668	98206150	270.6E6	45.366	44.932
16)	A 4,4'-DDD	6.089	6.794	3611704	12290361	2.037	2.283
17)	MA 4,4'-DDT	6.328	7.091	182.2E6	505.2E6	99.120	92.427
18)	B Endrin al...	6.404	7.007	3589531	8949568	2.480m	2.065
20)	A Methoxychlor	6.876	7.553	193.5E6	586.5E6	199.981	201.308
21)	B Endrin ke...	7.108	7.702	7489420	23470929	3.985	3.799

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

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Misc :
ALS Vial : 3 Sample Multiplier: 1

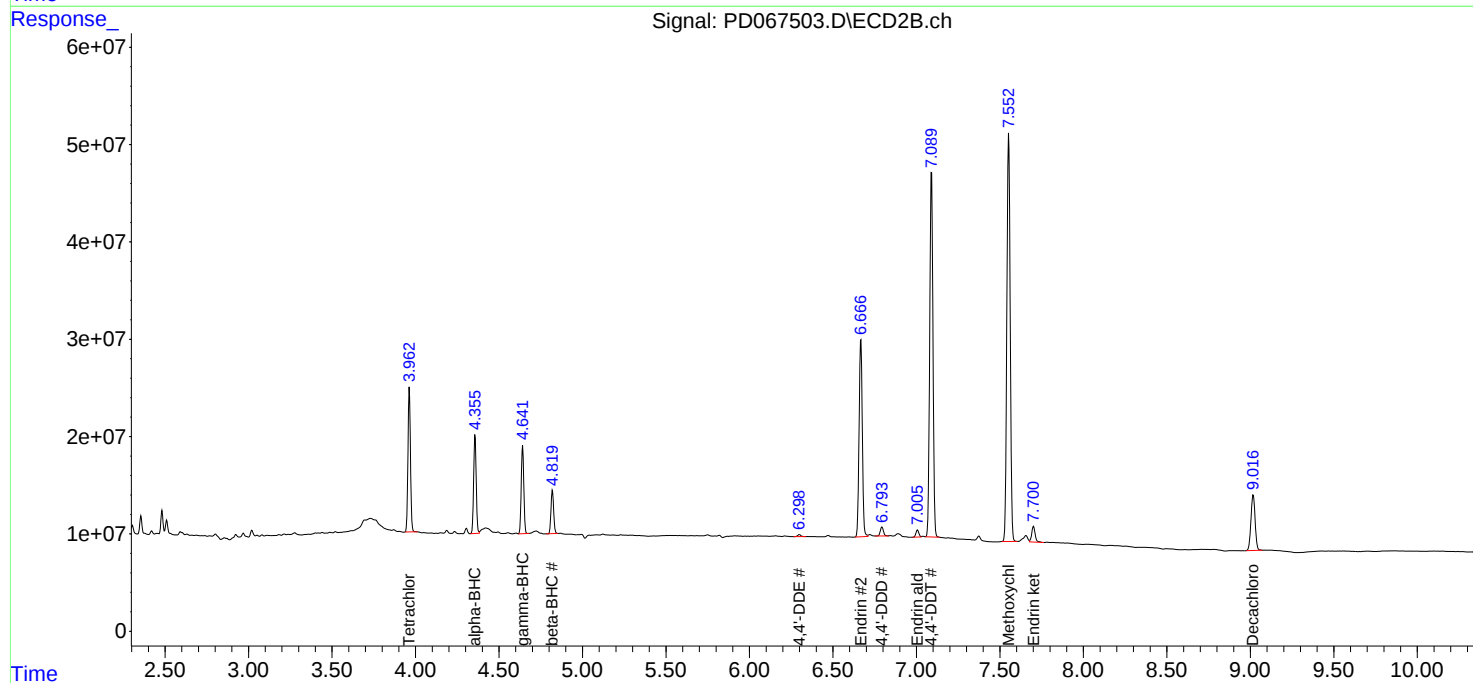
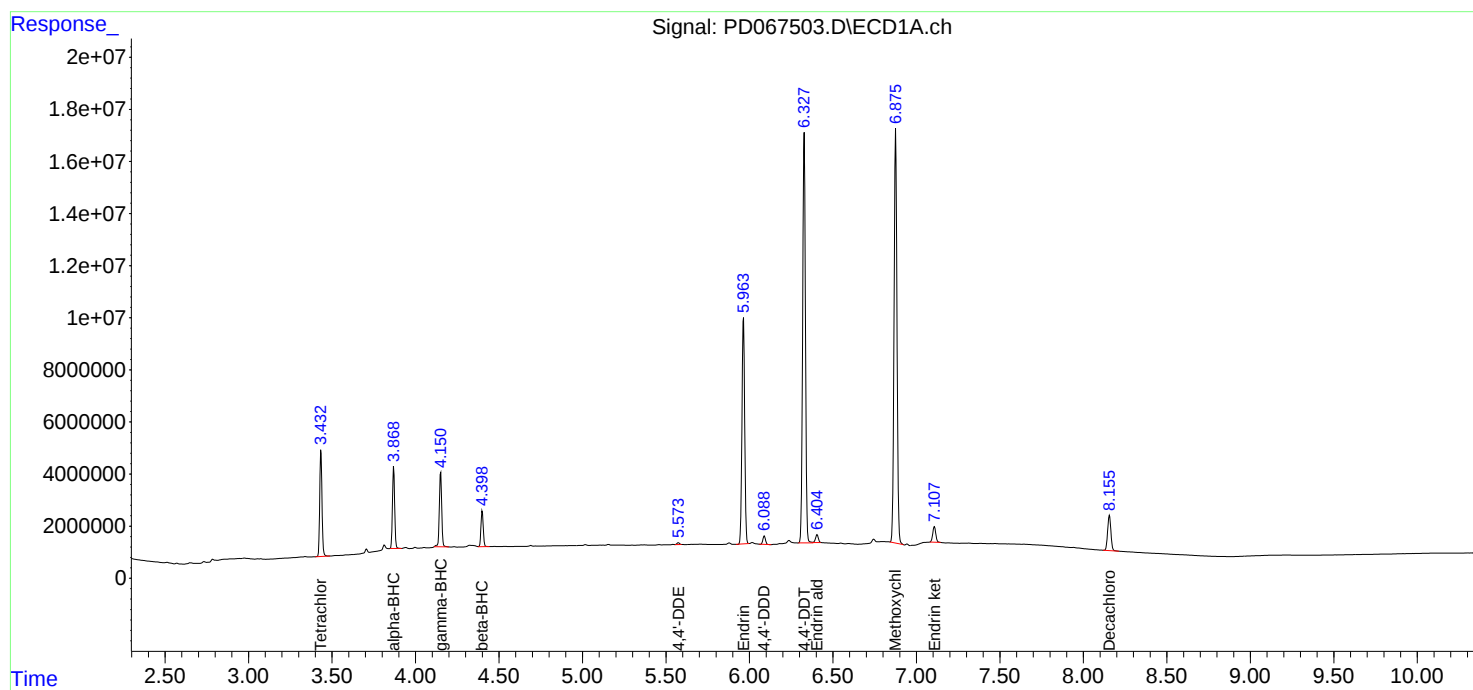
Instrument :
ECD_D
ClientSampleId :
PEM

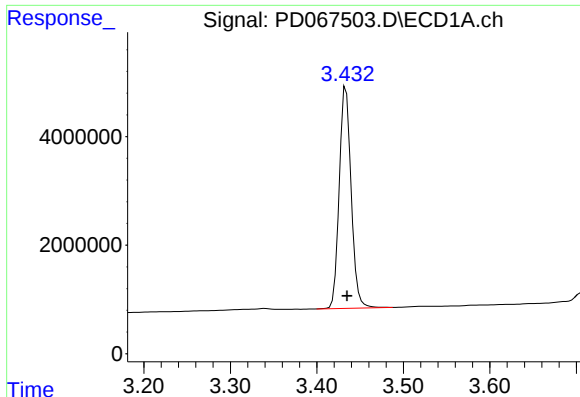
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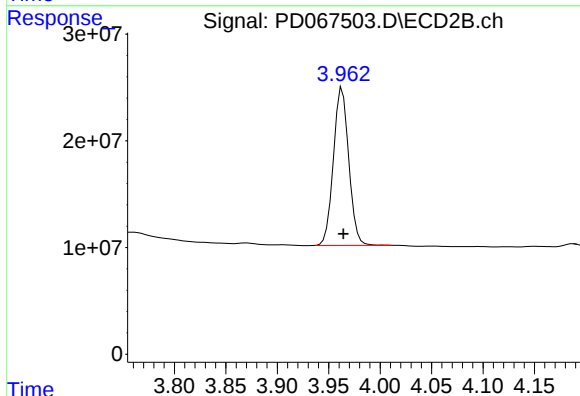
#1 Tetrachloro-m-xylene

R.T.: 3.434 min
Delta R.T.: -0.001 min
Response: 38755889
Conc: 21.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

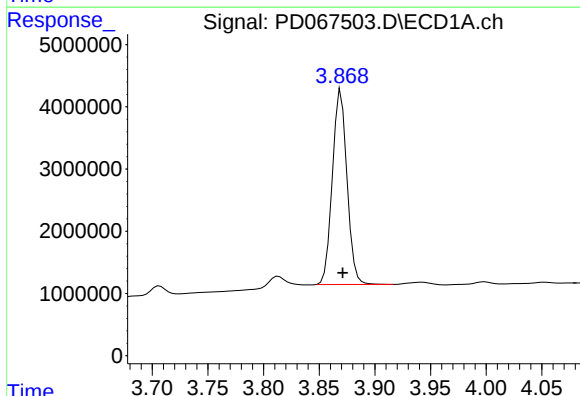
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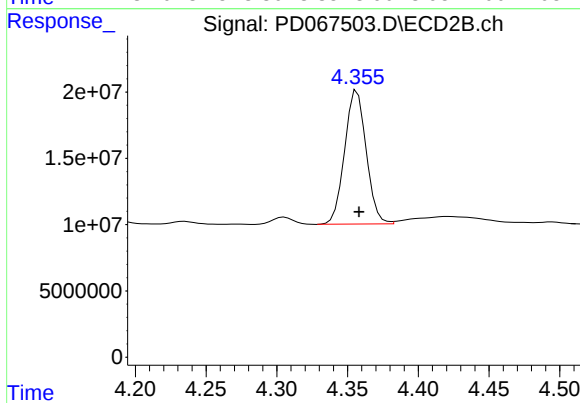
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: -0.001 min
Response: 153334351
Conc: 17.38 ng/ml



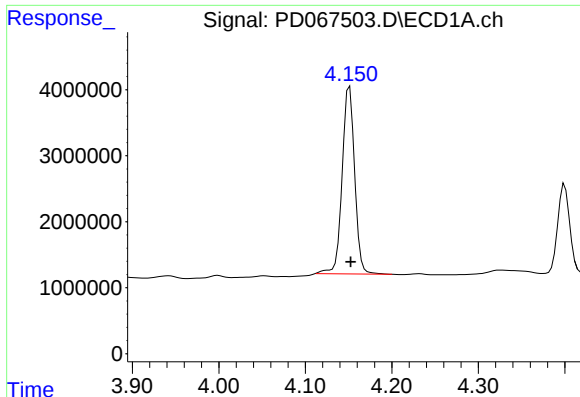
#2 alpha-BHC

R.T.: 3.870 min
Delta R.T.: -0.002 min
Response: 28655385
Conc: 9.52 ng/ml



#2 alpha-BHC

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 107144194
Conc: 8.61 ng/ml



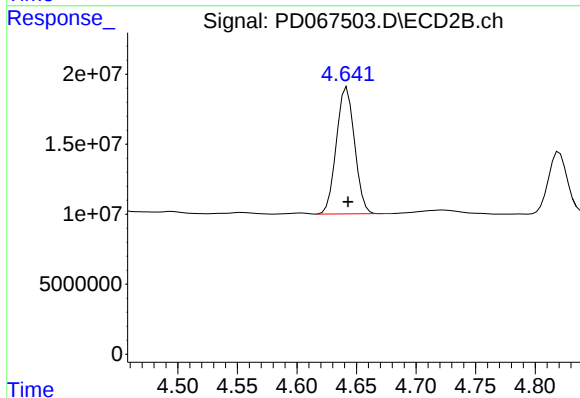
#3 gamma-BHC (Lindane)

R.T.: 4.151 min
Delta R.T.: -0.001 min
Response: 28323319
Conc: 10.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

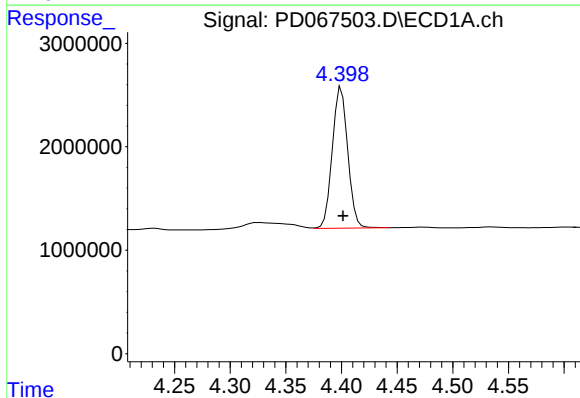
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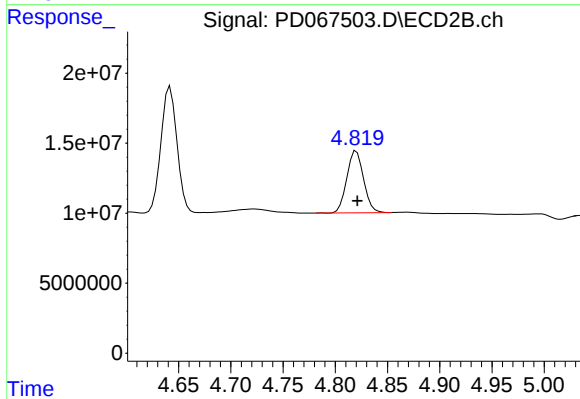
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 96142894
Conc: 8.80 ng/ml



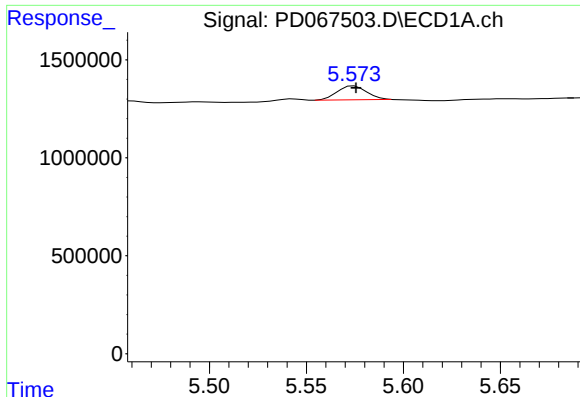
#6 beta-BHC

R.T.: 4.400 min
Delta R.T.: -0.001 min
Response: 13175644
Conc: 10.67 ng/ml



#6 beta-BHC

R.T.: 4.820 min
Delta R.T.: -0.001 min
Response: 49268727
Conc: 10.47 ng/ml



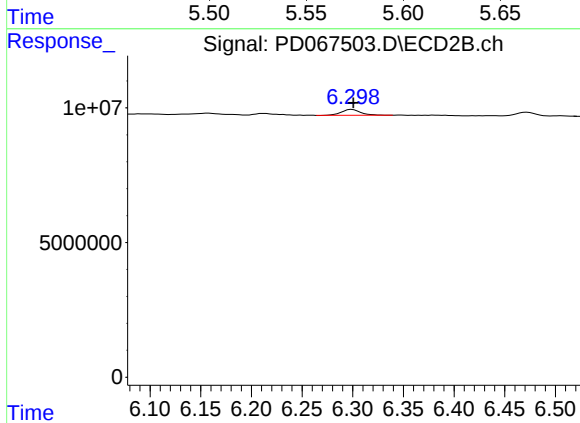
#12 4,4'-DDE

R.T.: 5.573 min
Delta R.T.: -0.002 min
Response: 752735
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

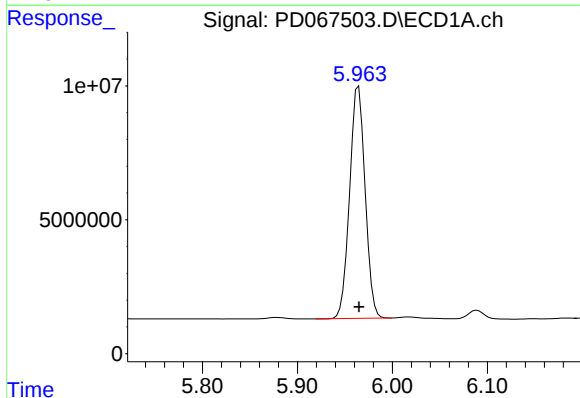
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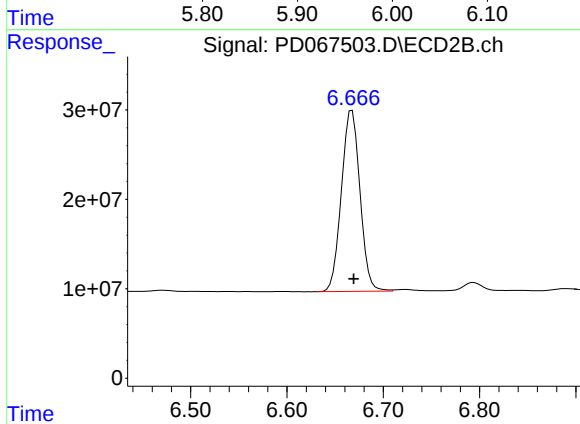
#12 4,4'-DDE

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 2821886
Conc: 0.42 ng/ml



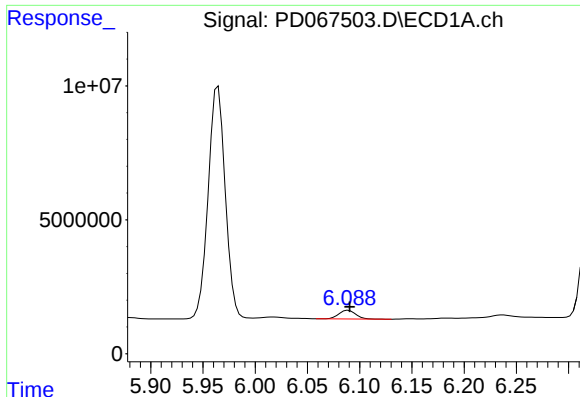
#14 Endrin

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 98206150
Conc: 45.37 ng/ml



#14 Endrin

R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 270612682
Conc: 44.93 ng/ml



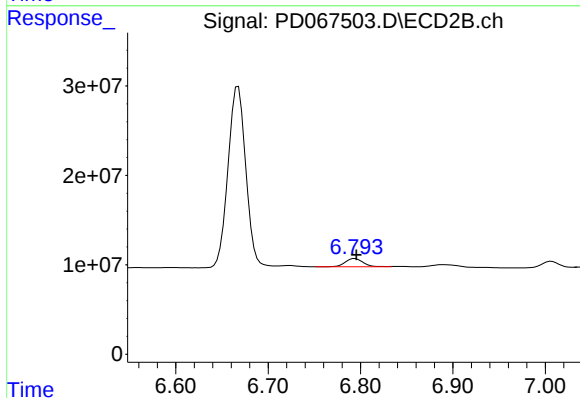
#16 4,4'-DDD

R.T.: 6.089 min
Delta R.T.: -0.001 min
Response: 3611704
Conc: 2.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

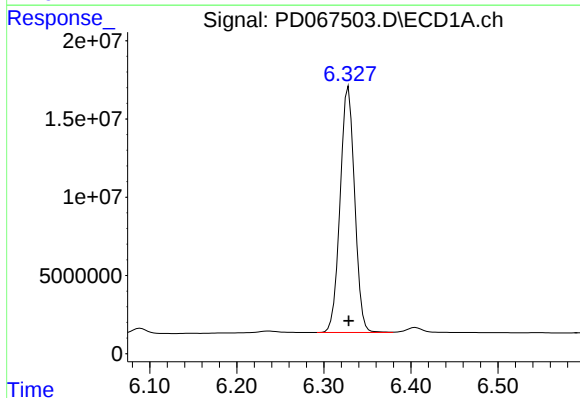
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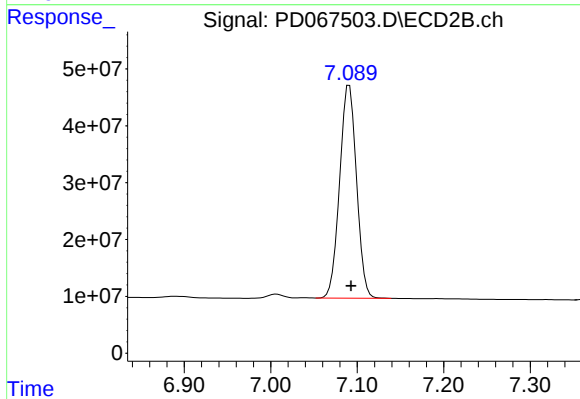
#16 4,4'-DDD

R.T.: 6.794 min
Delta R.T.: -0.001 min
Response: 12290361
Conc: 2.28 ng/ml



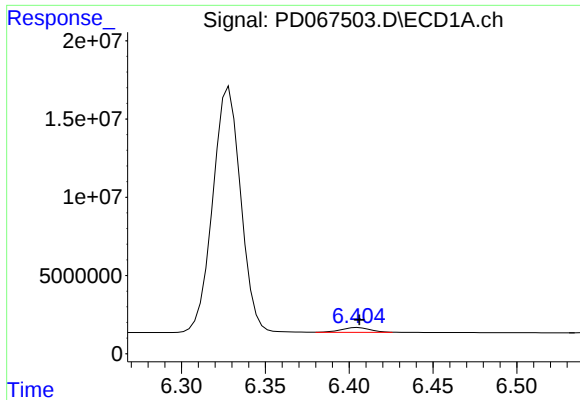
#17 4,4'-DDT

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 182236775
Conc: 99.12 ng/ml



#17 4,4'-DDT

R.T.: 7.091 min
Delta R.T.: -0.002 min
Response: 505223103
Conc: 92.43 ng/ml



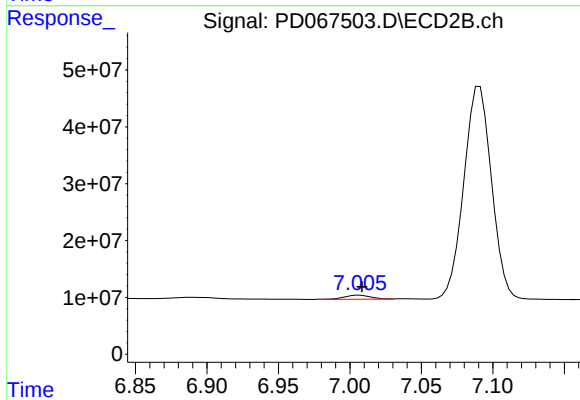
#18 Endrin aldehyde

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 3589531
Conc: 2.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

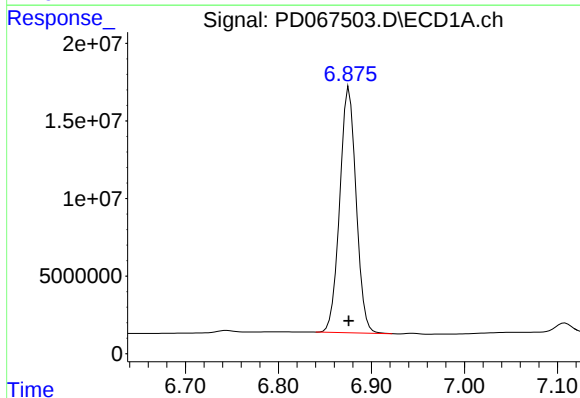
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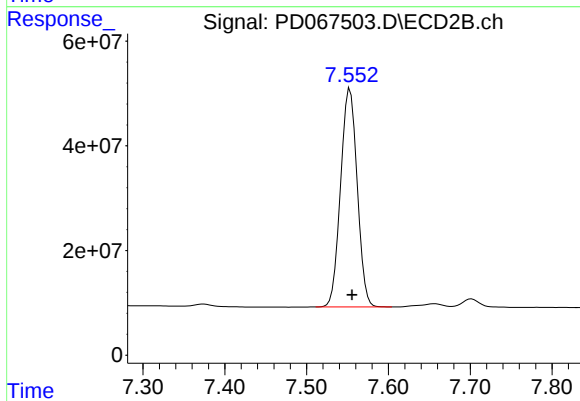
#18 Endrin aldehyde

R.T.: 7.007 min
Delta R.T.: -0.002 min
Response: 8949568
Conc: 2.07 ng/ml



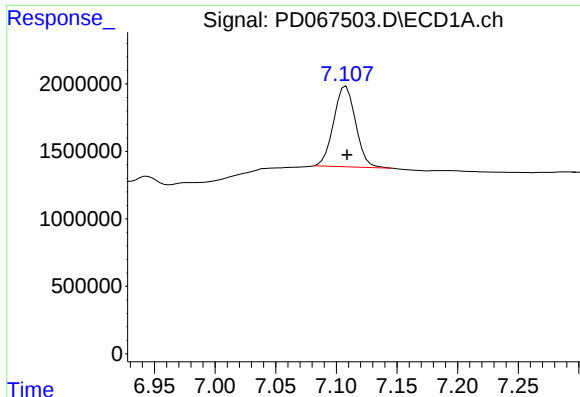
#20 Methoxychlor

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 193513964
Conc: 199.98 ng/ml



#20 Methoxychlor

R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 586498275
Conc: 201.31 ng/ml



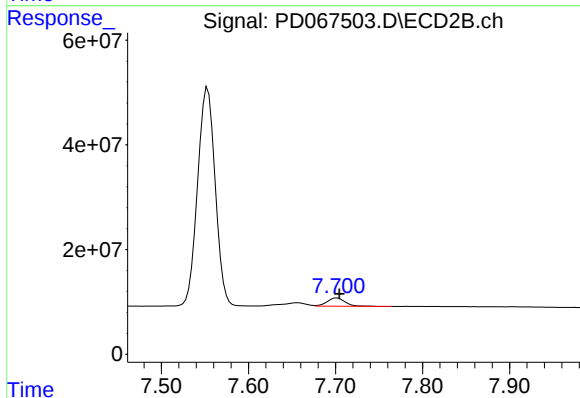
#21 Endrin ketone

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 7489420
Conc: 3.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

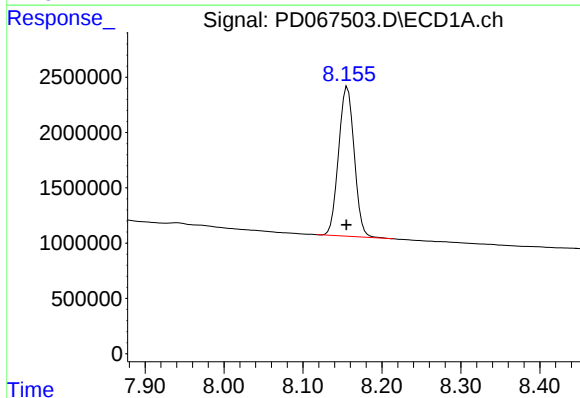
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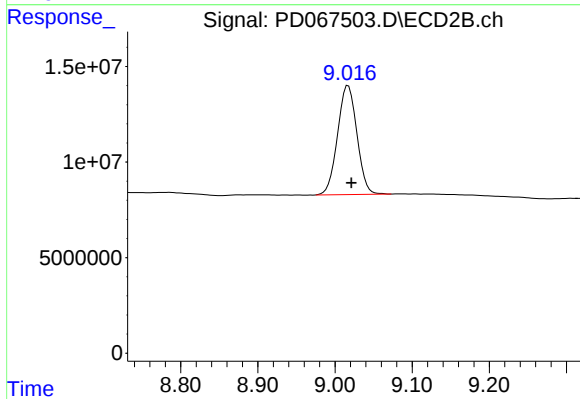
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: -0.003 min
Response: 23470929
Conc: 3.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.156 min
Delta R.T.: 0.001 min
Response: 18579571
Conc: 20.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.004 min
Response: 99437624
Conc: 22.37 ng/ml