

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110921\
 Data File : PD066803.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2021 11:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2021
 Supervised By : mohammad ahmed 11/10/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 05:32:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 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 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...	3.438	3.968	37133804	174.9E6	19.902	21.609
28)	SA Decachlor...	8.164	9.025	22517865	116.0E6	19.489	21.527
Target Compounds							
2)	A alpha-BHC	3.875	4.361	28207260	119.1E6	9.226	10.796
3)	MA gamma-BHC...	4.156	4.646	27614603	106.0E6	9.144	10.640
6)	B beta-BHC	4.405	4.823	12970725	53026511	10.384	11.388
12)	B 4,4'-DDE	5.580	6.304	664747	2851549	0.285m	0.362 #
14)	MA Endrin	5.971	6.672	103.7E6	343.8E6	49.527	49.951
16)	A 4,4'-DDD	6.097	6.798	1242064	6138336	0.662	0.903 #
17)	MA 4,4'-DDT	6.335	7.096	185.9E6	635.0E6	96.641	87.544
18)	B Endrin al...	6.411	7.011	2318948	4272231	1.500	0.751 #
20)	A Methoxychlor	6.882	7.558	216.5E6	756.3E6	209.639	185.641
21)	B Endrin ke...	7.114	7.707	4199526	13585114	1.925	1.615

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

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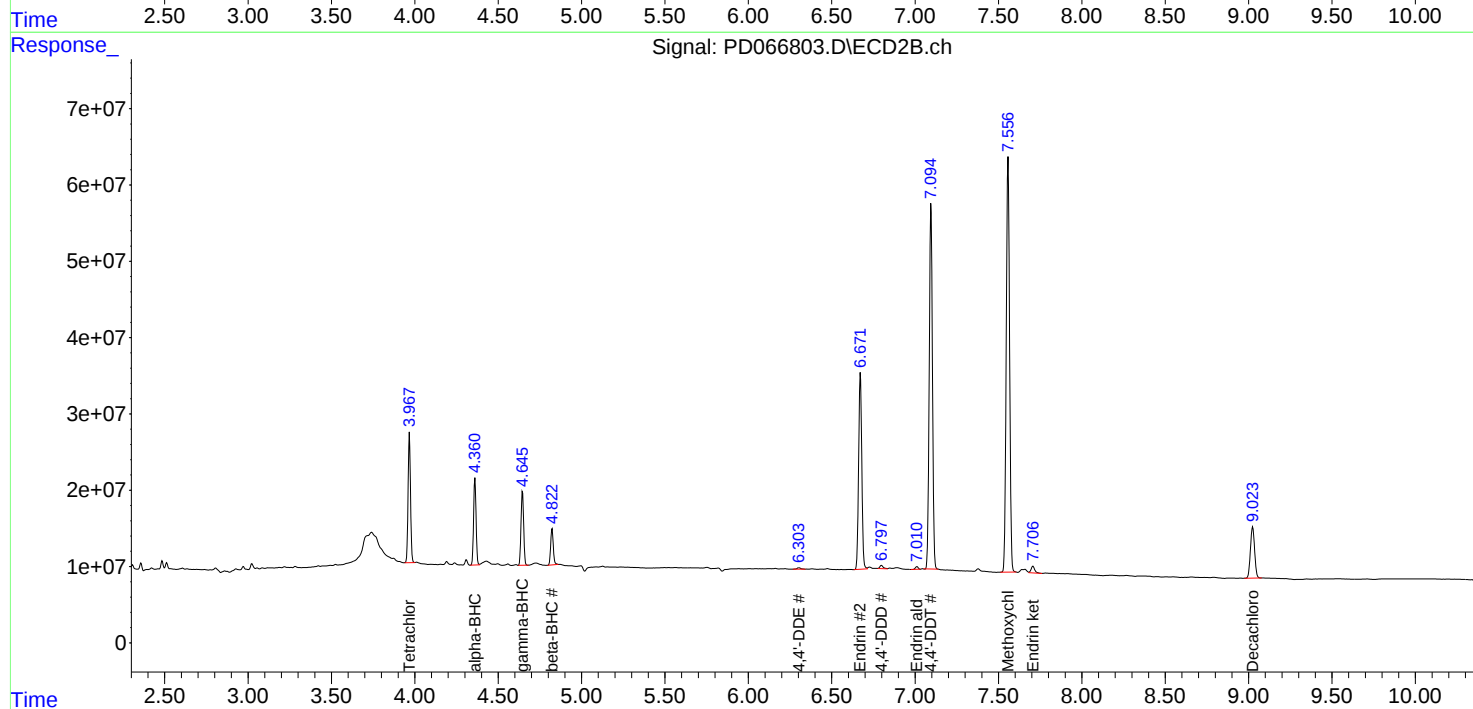
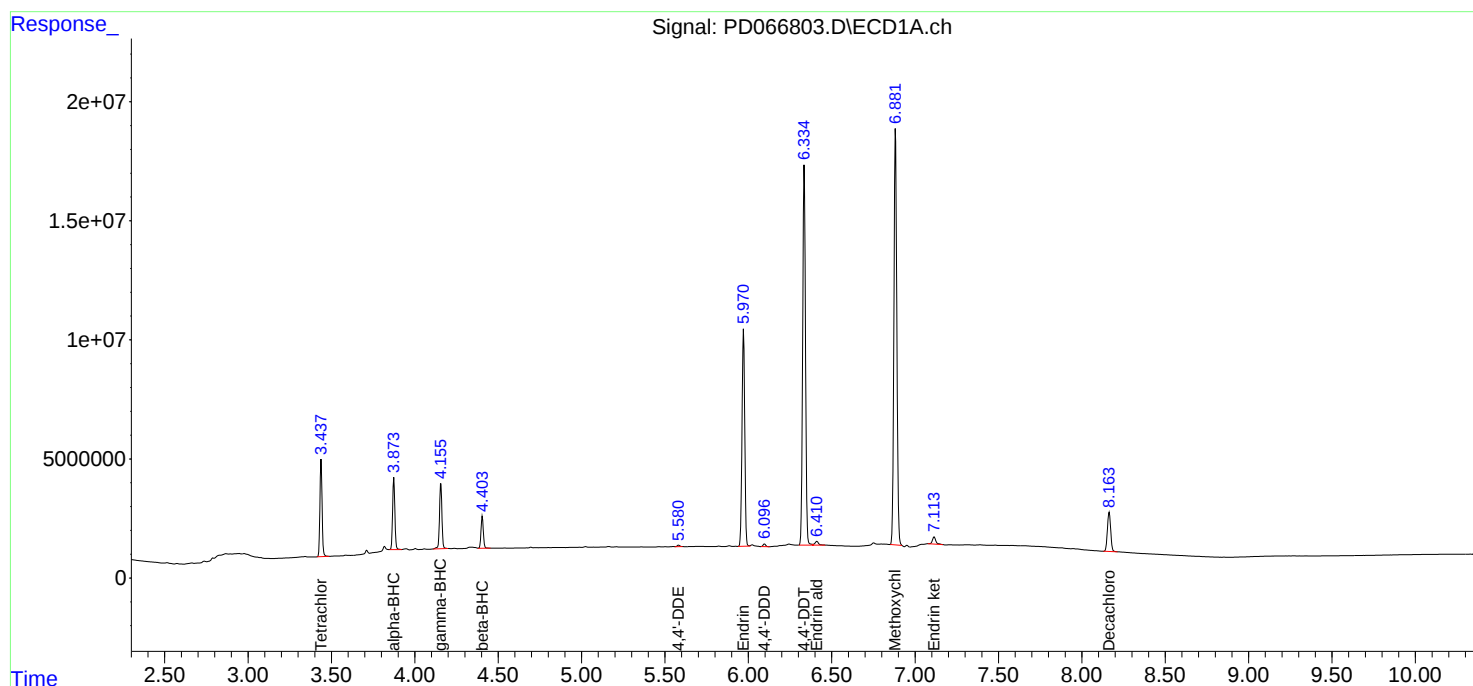
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ECD_D
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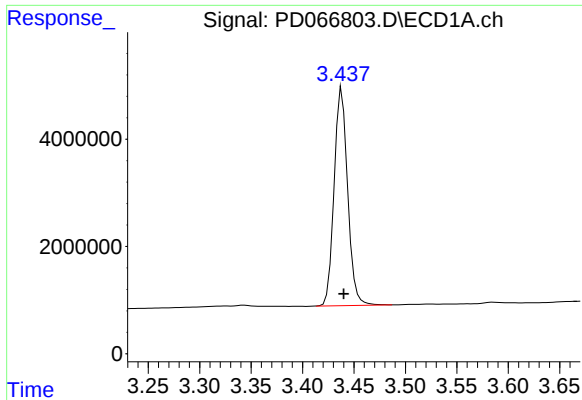
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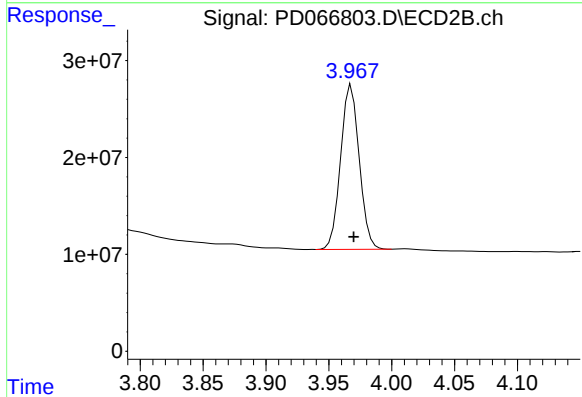
#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: -0.002 min
Response: 37133804
Conc: 19.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

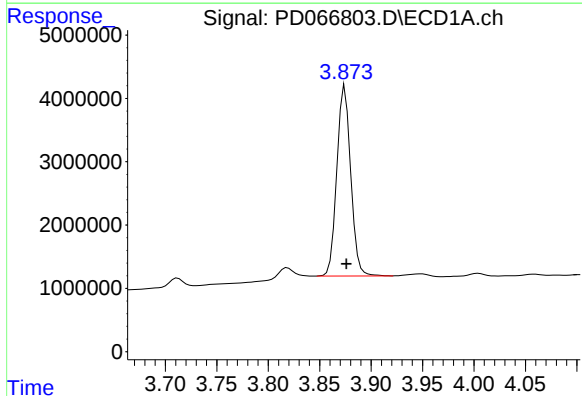
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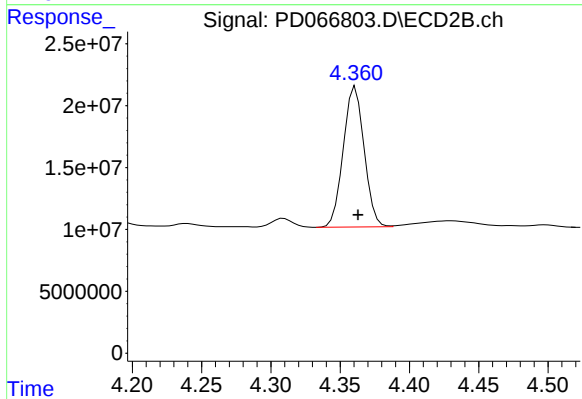
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 174864063
Conc: 21.61 ng/ml



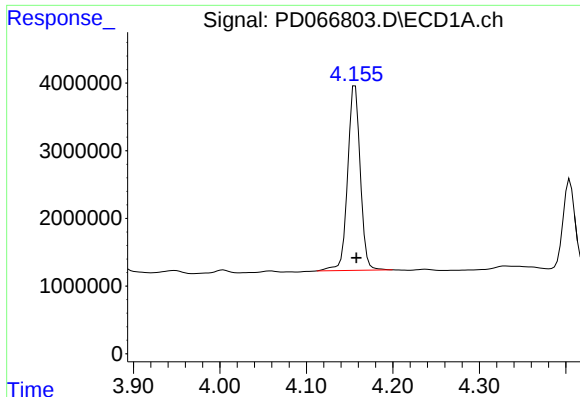
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.001 min
Response: 28207260
Conc: 9.23 ng/ml



#2 alpha-BHC

R.T.: 4.361 min
Delta R.T.: -0.002 min
Response: 119106342
Conc: 10.80 ng/ml



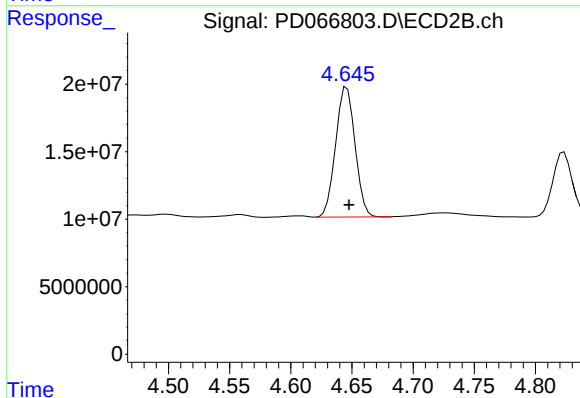
#3 gamma-BHC (Lindane)

R.T.: 4.156 min
Delta R.T.: -0.001 min
Response: 27614603
Conc: 9.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

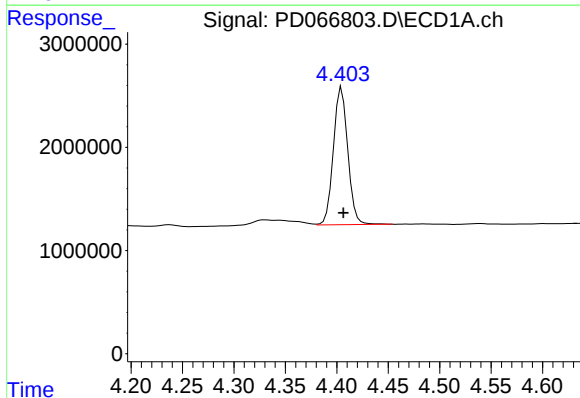
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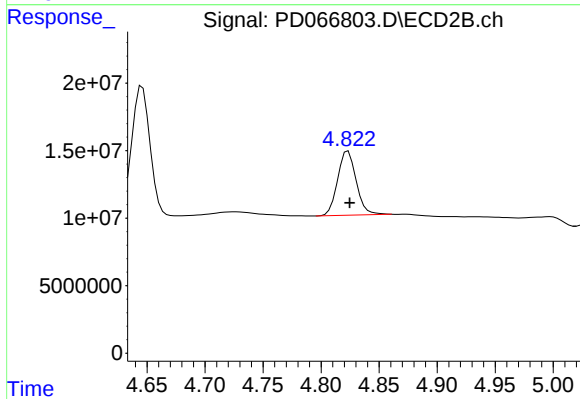
#3 gamma-BHC (Lindane)

R.T.: 4.646 min
Delta R.T.: -0.002 min
Response: 106028400
Conc: 10.64 ng/ml



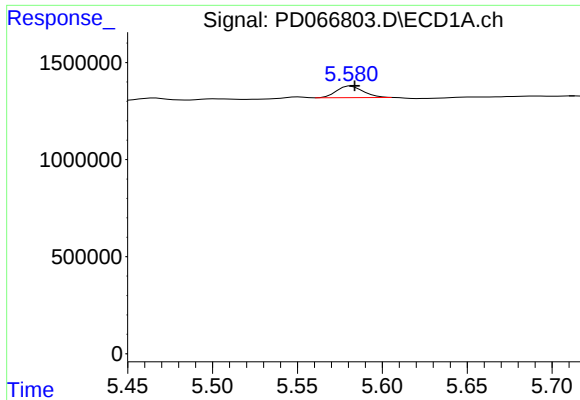
#6 beta-BHC

R.T.: 4.405 min
Delta R.T.: -0.002 min
Response: 12970725
Conc: 10.38 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 53026511
Conc: 11.39 ng/ml



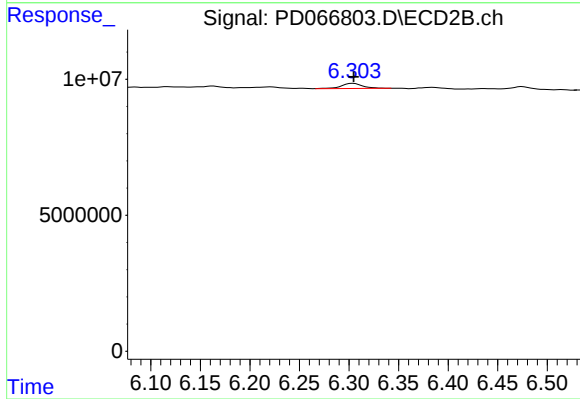
#12 4,4'-DDE

R.T.: 5.580 min
Delta R.T.: -0.004 min
Response: 664747
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

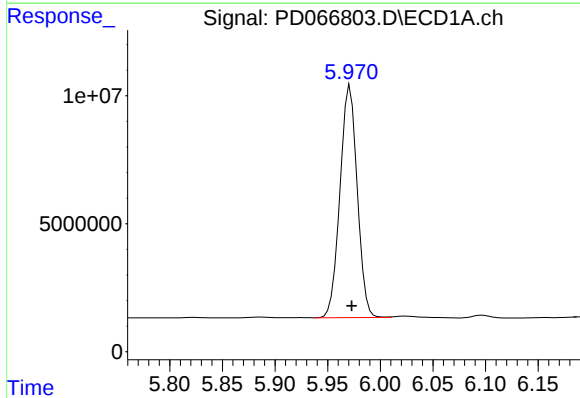
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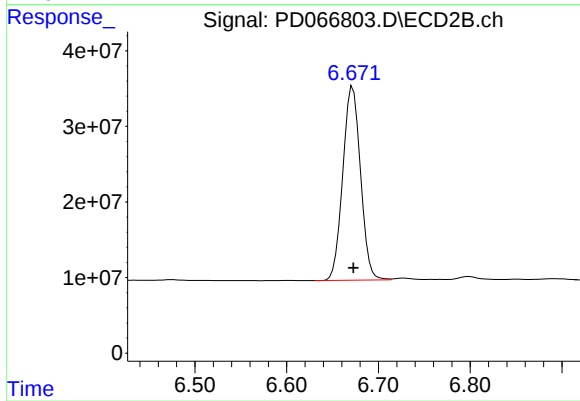
#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 2851549
Conc: 0.36 ng/ml



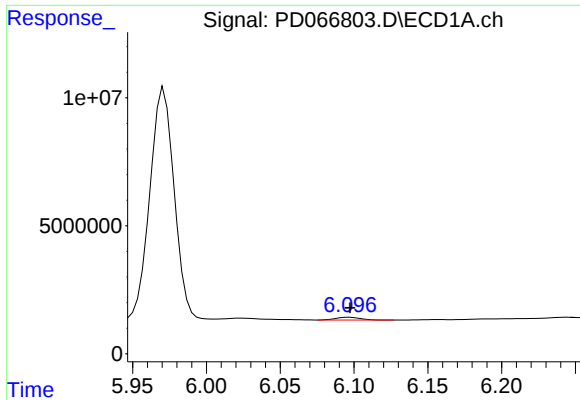
#14 Endrin

R.T.: 5.971 min
Delta R.T.: -0.002 min
Response: 103651834
Conc: 49.53 ng/ml



#14 Endrin

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 343787673
Conc: 49.95 ng/ml



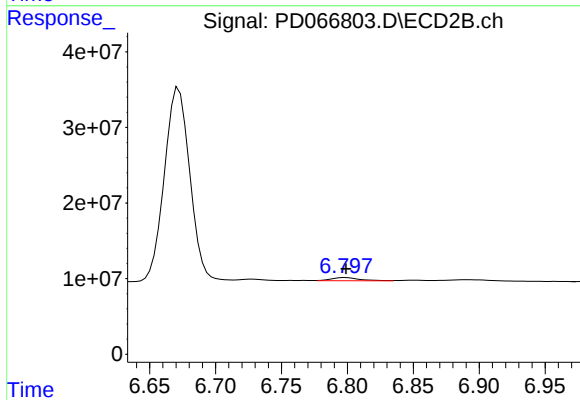
#16 4,4'-DDD

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 1242064
Conc: 0.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

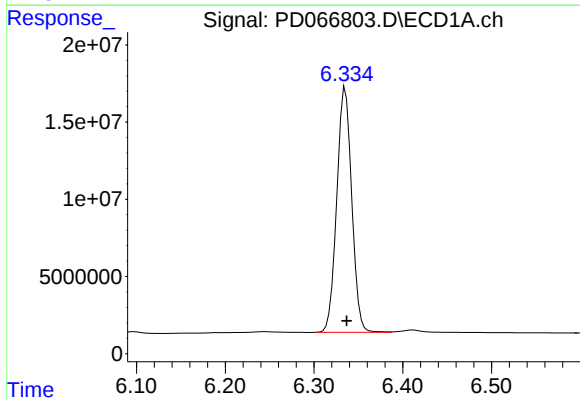
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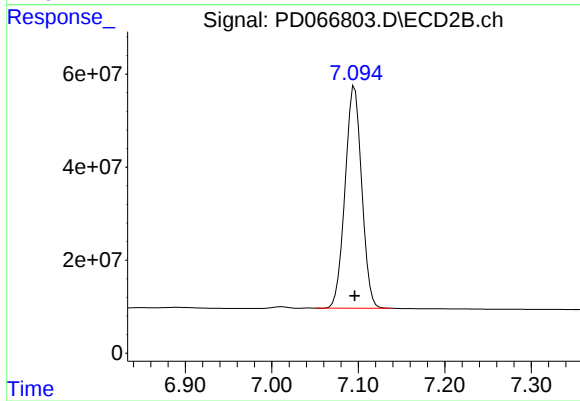
#16 4,4'-DDD

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 6138336
Conc: 0.90 ng/ml



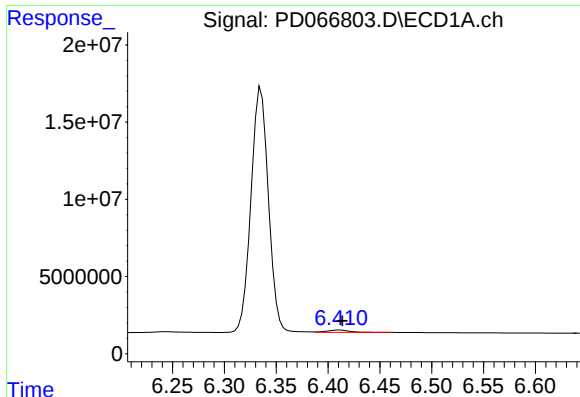
#17 4,4'-DDT

R.T.: 6.335 min
Delta R.T.: -0.001 min
Response: 185886500
Conc: 96.64 ng/ml



#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 634958755
Conc: 87.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 2318948
Conc: 1.50 ng/ml

Instrument :

ECD_D

ClientSampleId :

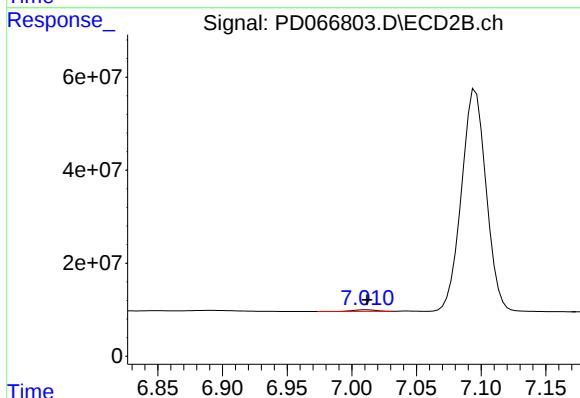
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Manual Integrations

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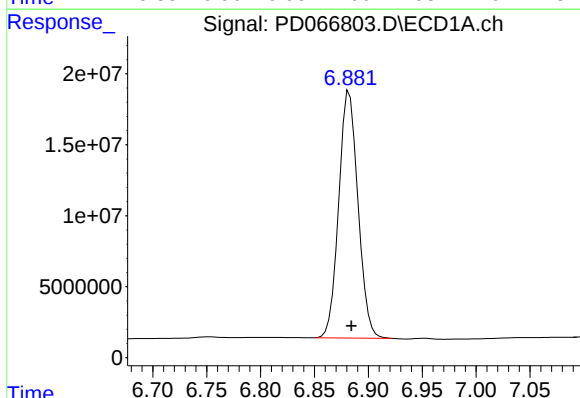
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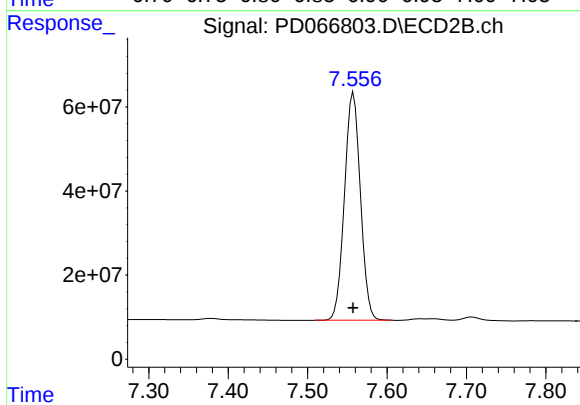
#18 Endrin aldehyde

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 4272231
Conc: 0.75 ng/ml



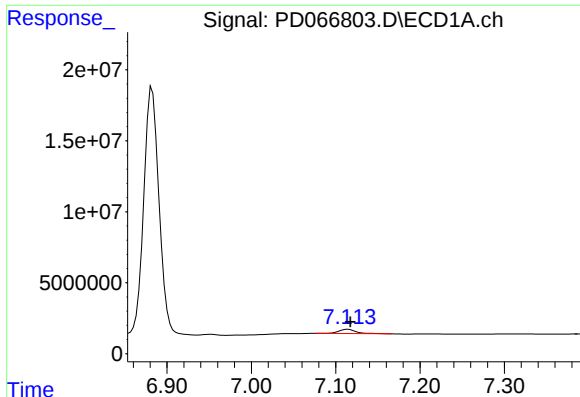
#20 Methoxychlor

R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 216493089
Conc: 209.64 ng/ml



#20 Methoxychlor

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 756257454
Conc: 185.64 ng/ml



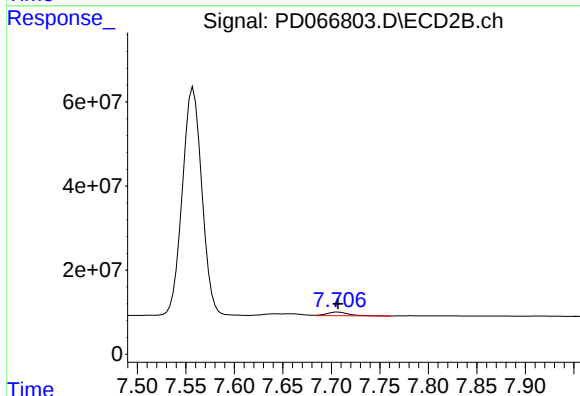
#21 Endrin ketone

R.T.: 7.114 min
Delta R.T.: -0.003 min
Response: 4199526
Conc: 1.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

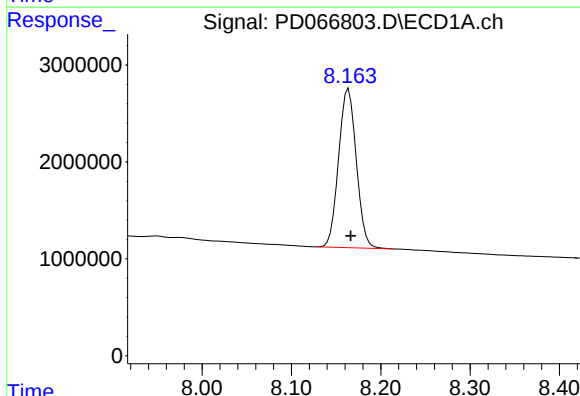
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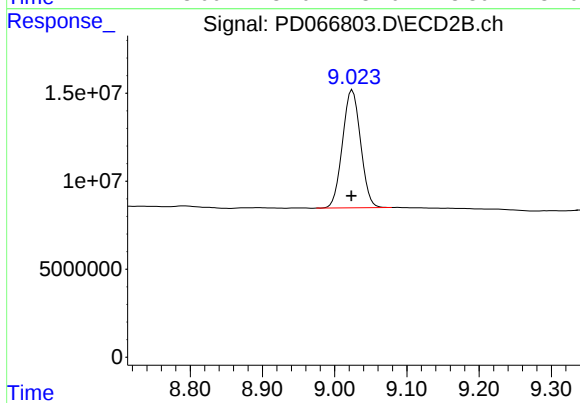
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 13585114
Conc: 1.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.164 min
Delta R.T.: -0.002 min
Response: 22517865
Conc: 19.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.002 min
Response: 115951494
Conc: 21.53 ng/ml