

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010522\
 Data File : PD067593.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jan 2022 17:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/05/2022
 Supervised By : Ankita Jodhani 01/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 03:24:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.434	3.962	37434042	140.6E6	20.599	21.302
28)	SA Decachlor...	8.154	9.013	17848476	94112615	20.093	19.802
Target Compounds							
2)	A alpha-BHC	3.870	4.355	28490163	102.3E6	9.878	11.031
3)	MA gamma-BHC...	4.152	4.640	28105728	89793831	10.567	10.655
6)	B beta-BHC	4.400	4.818	12744372	48434924	11.596	12.421m
12)	B 4,4'-DDE	5.573	6.297	711627	2233461	0.321m	0.363m
14)	MA Endrin	5.964	6.665	91634692	243.1E6	43.622	43.859
16)	A 4,4'-DDD	6.089	6.792	5702799	16183617	3.319	3.233
17)	MA 4,4'-DDT	6.328	7.089	169.3E6	477.8E6	103.597	89.293
18)	B Endrin al...	6.404	7.003	4548136	11794880	2.993m	2.614m
20)	A Methoxychlor	6.875	7.551	182.8E6	582.4E6	215.375	200.741
21)	B Endrin ke...	7.108	7.698	9874475	26679841	5.770	4.252m#

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

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Data File : PD067593.D
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Acq On : 04 Jan 2022 17:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

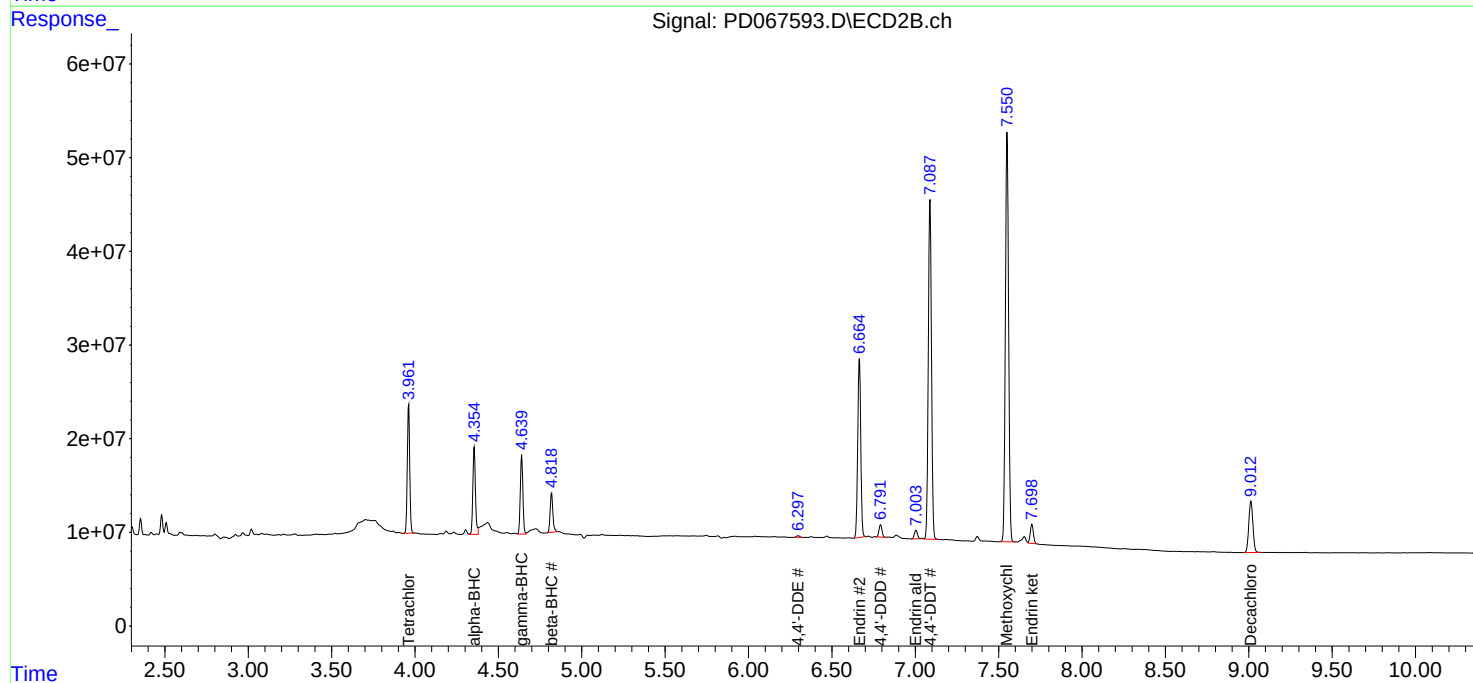
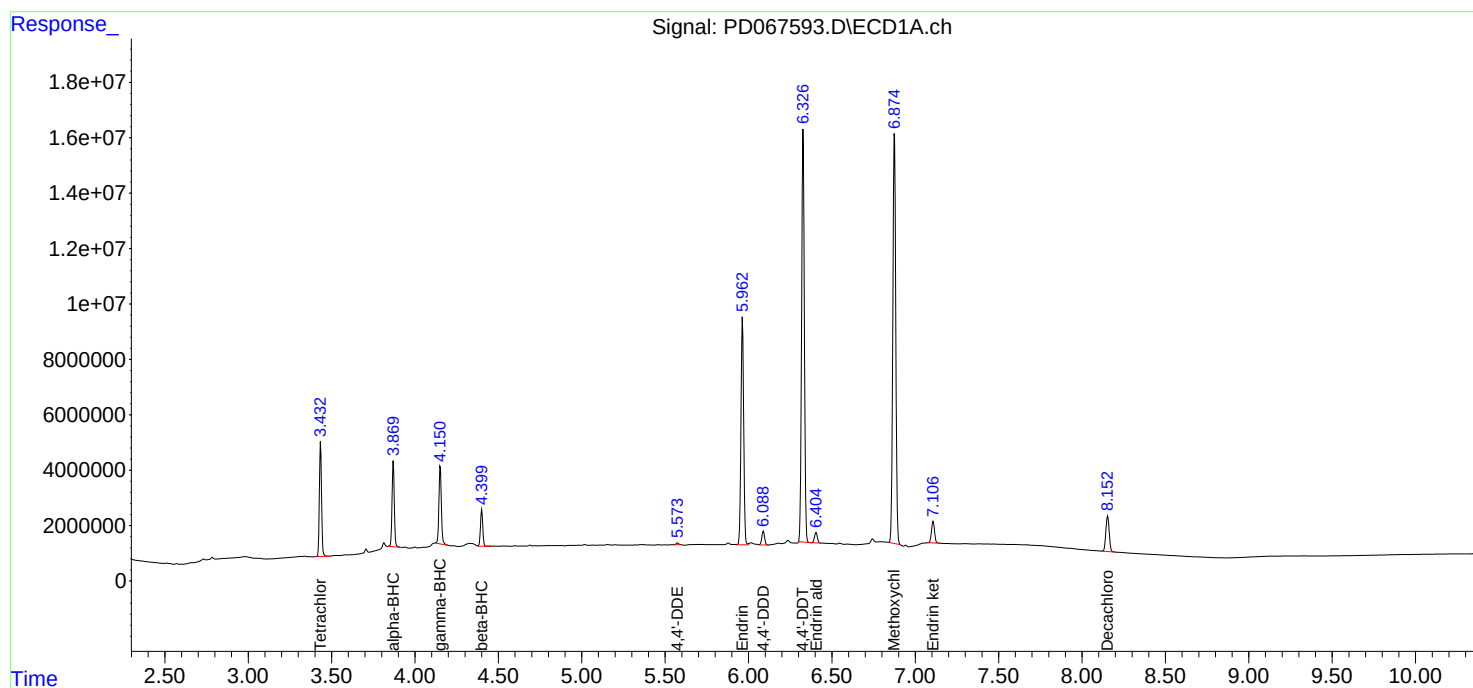
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ClientSampleId :
PEM

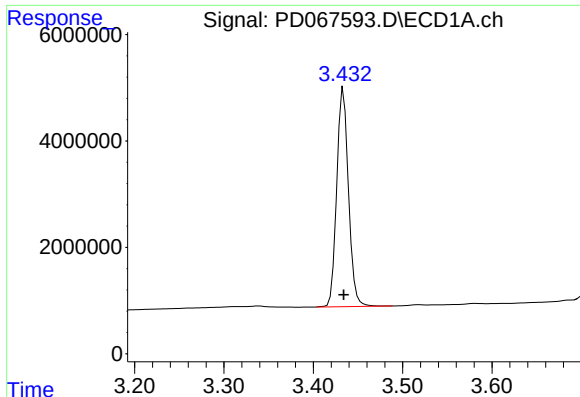
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





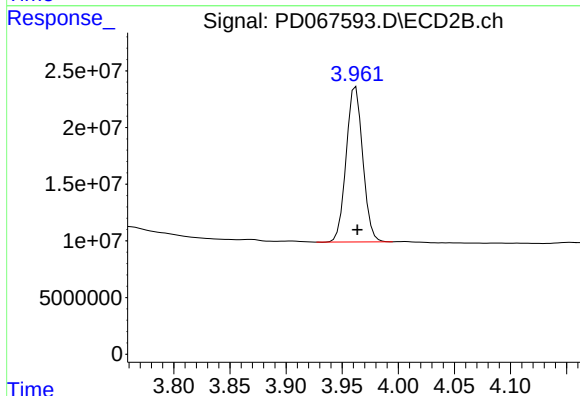
#1 Tetrachloro-m-xylene

R.T.: 3.434 min
Delta R.T.: 0.000 min
Response: 37434042
Conc: 20.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

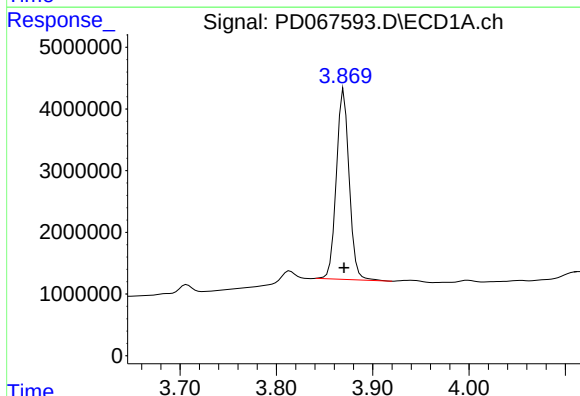
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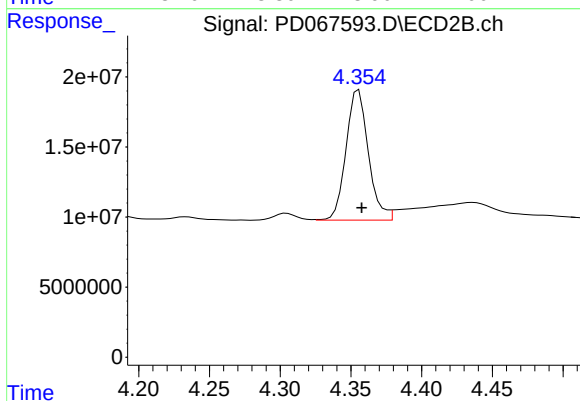
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: -0.002 min
Response: 140556552
Conc: 21.30 ng/ml



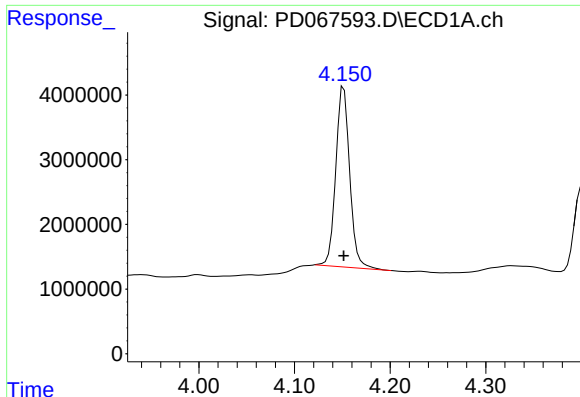
#2 alpha-BHC

R.T.: 3.870 min
Delta R.T.: 0.000 min
Response: 28490163
Conc: 9.88 ng/ml



#2 alpha-BHC

R.T.: 4.355 min
Delta R.T.: -0.002 min
Response: 102343973
Conc: 11.03 ng/ml



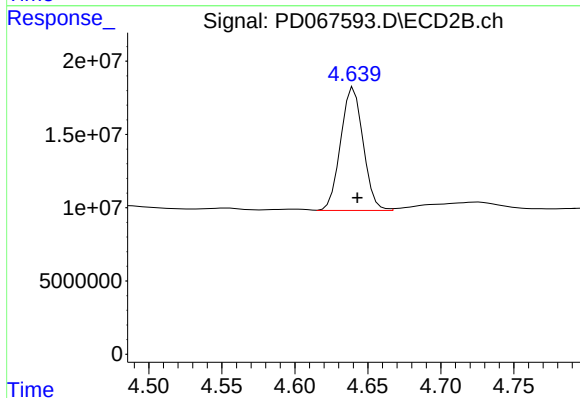
#3 gamma-BHC (Lindane)

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 28105728
Conc: 10.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

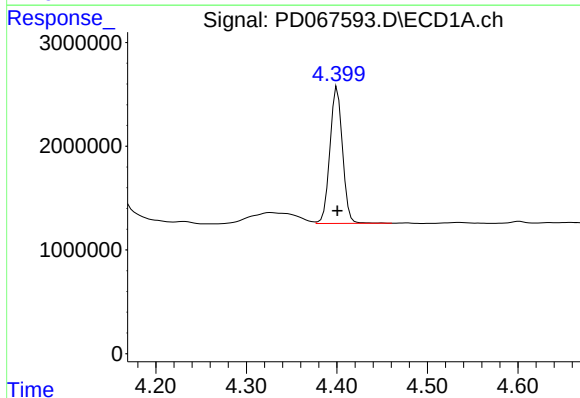
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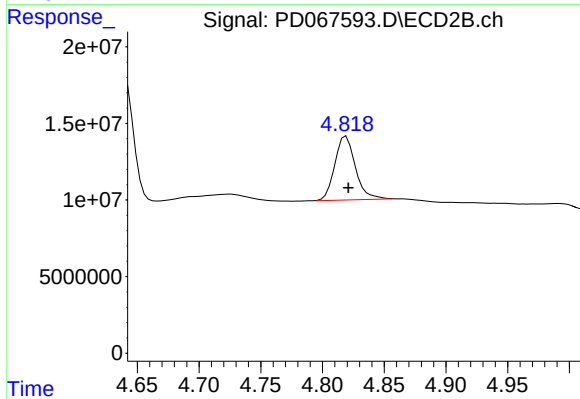
#3 gamma-BHC (Lindane)

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 89793831
Conc: 10.65 ng/ml



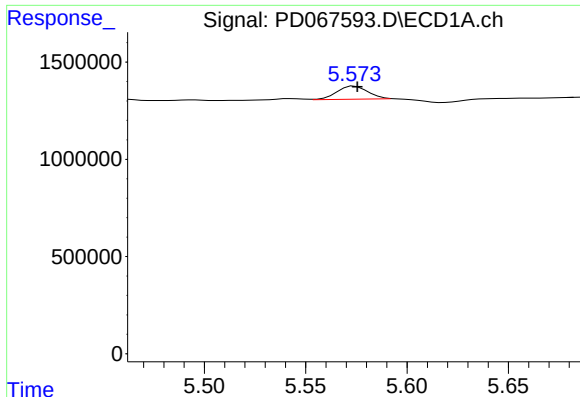
#6 beta-BHC

R.T.: 4.400 min
Delta R.T.: 0.000 min
Response: 12744372
Conc: 11.60 ng/ml



#6 beta-BHC

R.T.: 4.818 min
Delta R.T.: -0.003 min
Response: 48434924
Conc: 12.42 ng/ml m



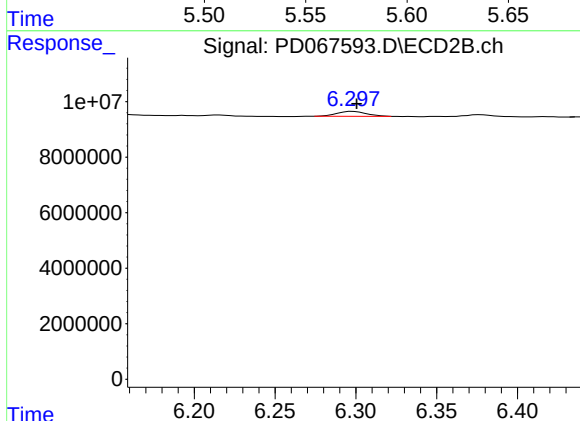
#12 4,4'-DDE

R.T.: 5.573 min
Delta R.T.: -0.003 min
Response: 711627
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

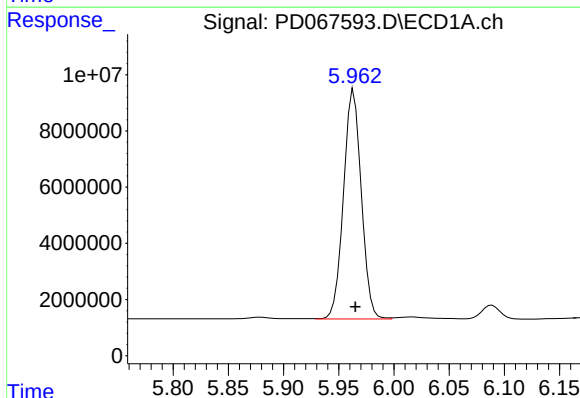
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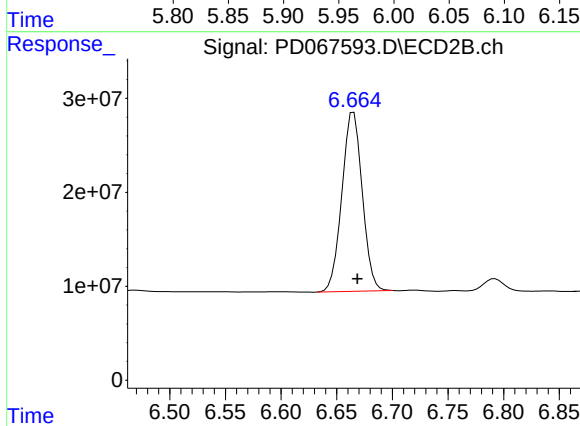
#12 4,4'-DDE

R.T.: 6.297 min
Delta R.T.: -0.004 min
Response: 2233461
Conc: 0.36 ng/ml m



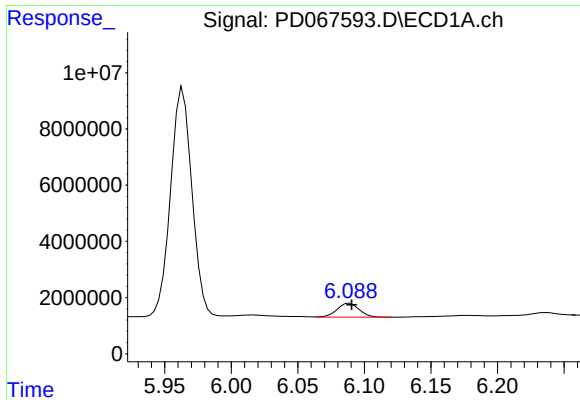
#14 Endrin

R.T.: 5.964 min
Delta R.T.: -0.001 min
Response: 91634692
Conc: 43.62 ng/ml



#14 Endrin

R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 243146444
Conc: 43.86 ng/ml



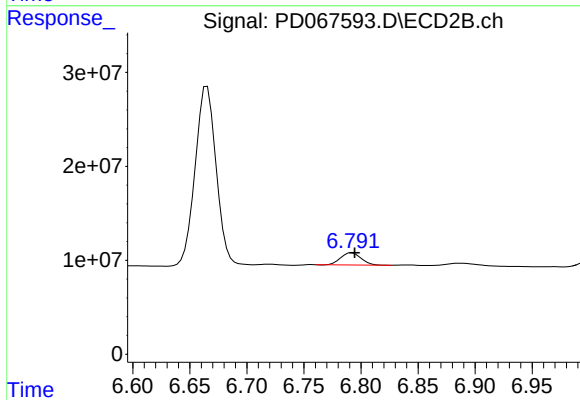
#16 4,4'-DDD

R.T.: 6.089 min
Delta R.T.: -0.002 min
Response: 5702799
Conc: 3.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

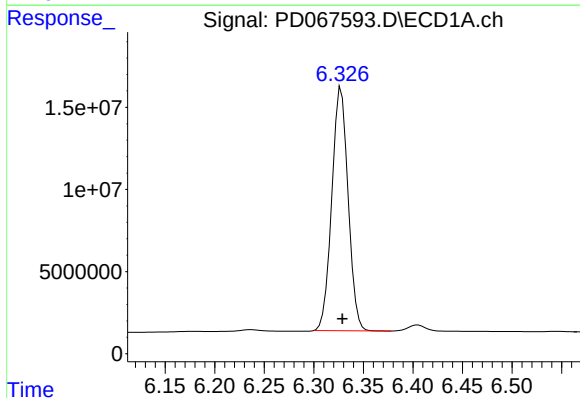
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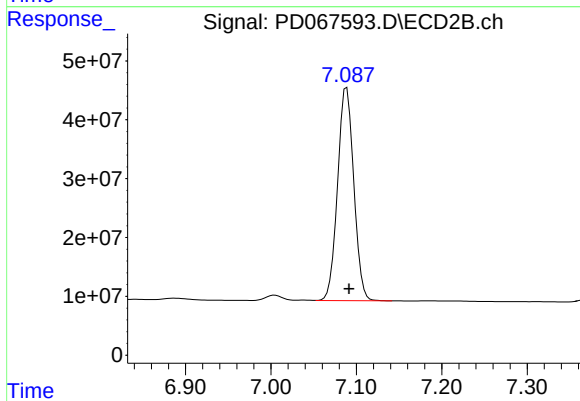
#16 4,4'-DDD

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 16183617
Conc: 3.23 ng/ml



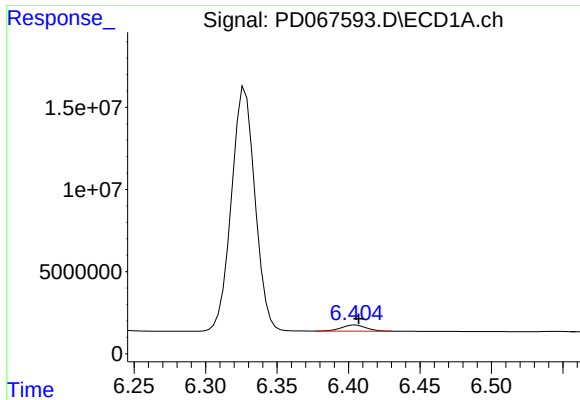
#17 4,4'-DDT

R.T.: 6.328 min
Delta R.T.: -0.001 min
Response: 169279398
Conc: 103.60 ng/ml



#17 4,4'-DDT

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 477801711
Conc: 89.29 ng/ml



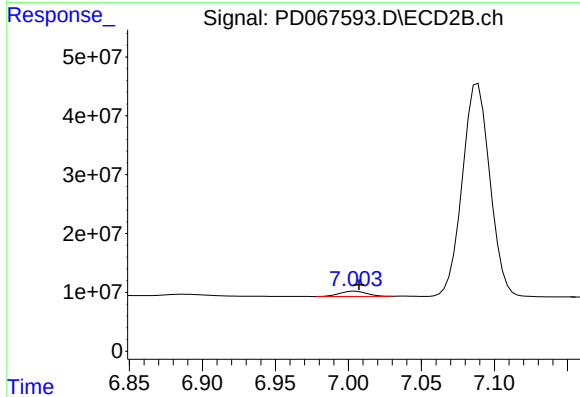
#18 Endrin aldehyde

R.T.: 6.404 min
Delta R.T.: -0.003 min
Response: 4548136
Conc: 2.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

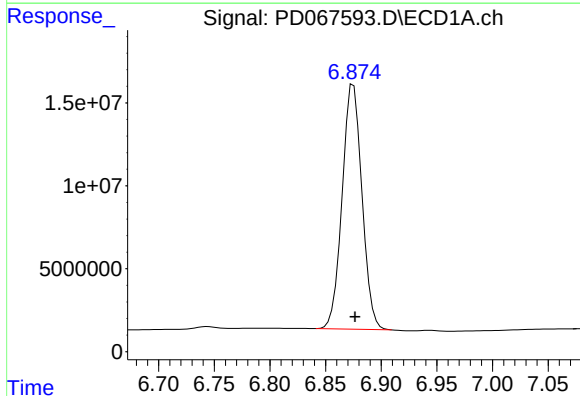
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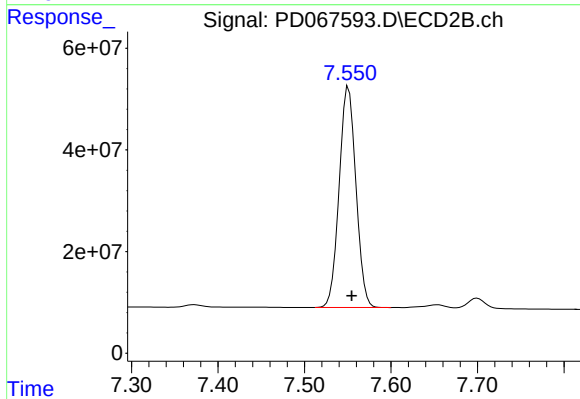
#18 Endrin aldehyde

R.T.: 7.003 min
Delta R.T.: -0.004 min
Response: 11794880
Conc: 2.61 ng/ml m



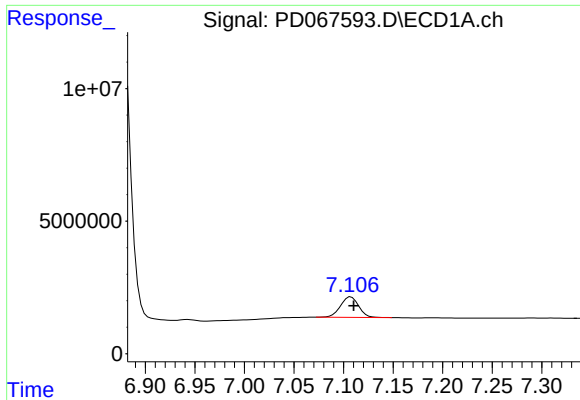
#20 Methoxychlor

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 182828031
Conc: 215.38 ng/ml



#20 Methoxychlor

R.T.: 7.551 min
Delta R.T.: -0.004 min
Response: 582439217
Conc: 200.74 ng/ml



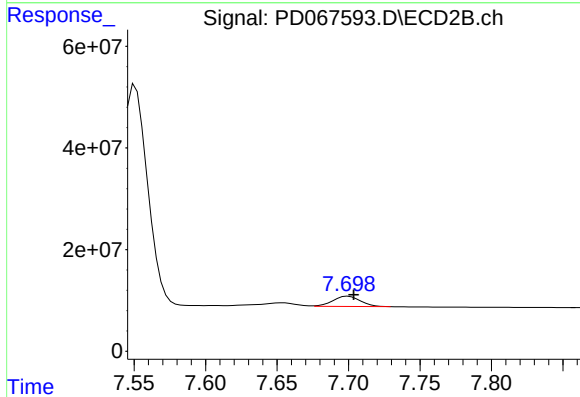
#21 Endrin ketone

R.T.: 7.108 min
Delta R.T.: -0.003 min
Response: 9874475
Conc: 5.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

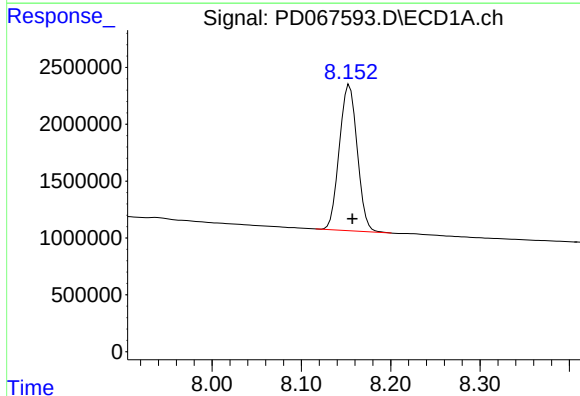
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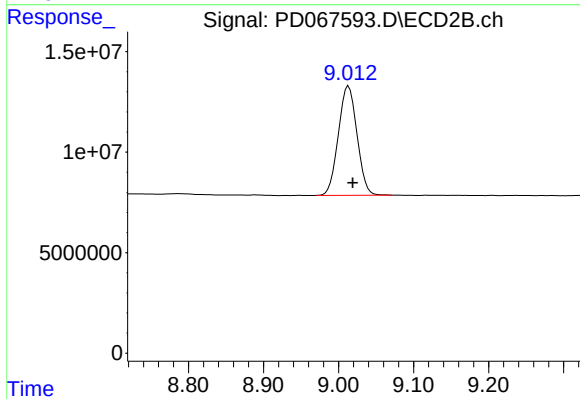
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: -0.005 min
Response: 26679841
Conc: 4.25 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.154 min
Delta R.T.: -0.003 min
Response: 17848476
Conc: 20.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.013 min
Delta R.T.: -0.005 min
Response: 94112615
Conc: 19.80 ng/ml