

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031523\
 Data File : PD074234.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 12:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/16/2023
 Supervised By : Ankita Jodhani 03/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 17:54:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.551	2.771	48267101	24286928	20.692	19.956
28)	SA Decachlor...	9.098	7.926	53935511	25705687	20.166	20.951
Target Compounds							
2)	A alpha-BHC	4.007	3.275	37798106	17634710	9.740	9.489
3)	MA gamma-BHC...	4.341	3.605	35979093	16540730	10.255	9.655
6)	B beta-BHC	4.535	3.901	17075113	8357529	11.554	11.068
12)	B 4,4'-DDE	6.213	5.237	626604	598974	0.227	0.424m#
14)	MA Endrin	6.598	5.642	117.2E6	62221082	47.177	47.607
16)	A 4,4'-DDD	6.729	5.792	3860687	2588254	1.721m	2.217 #
17)	MA 4,4'-DDT	7.047	6.043	251.4E6	126.9E6	98.620	103.340
18)	B Endrin al...	6.945	6.116	4449517	3083058	2.226m	3.036m#
20)	A Methoxychlor	7.522	6.619	337.5E6	158.0E6	241.206	233.492
21)	B Endrin ke...	7.668	6.845	9401881	5215629	3.377	3.536

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

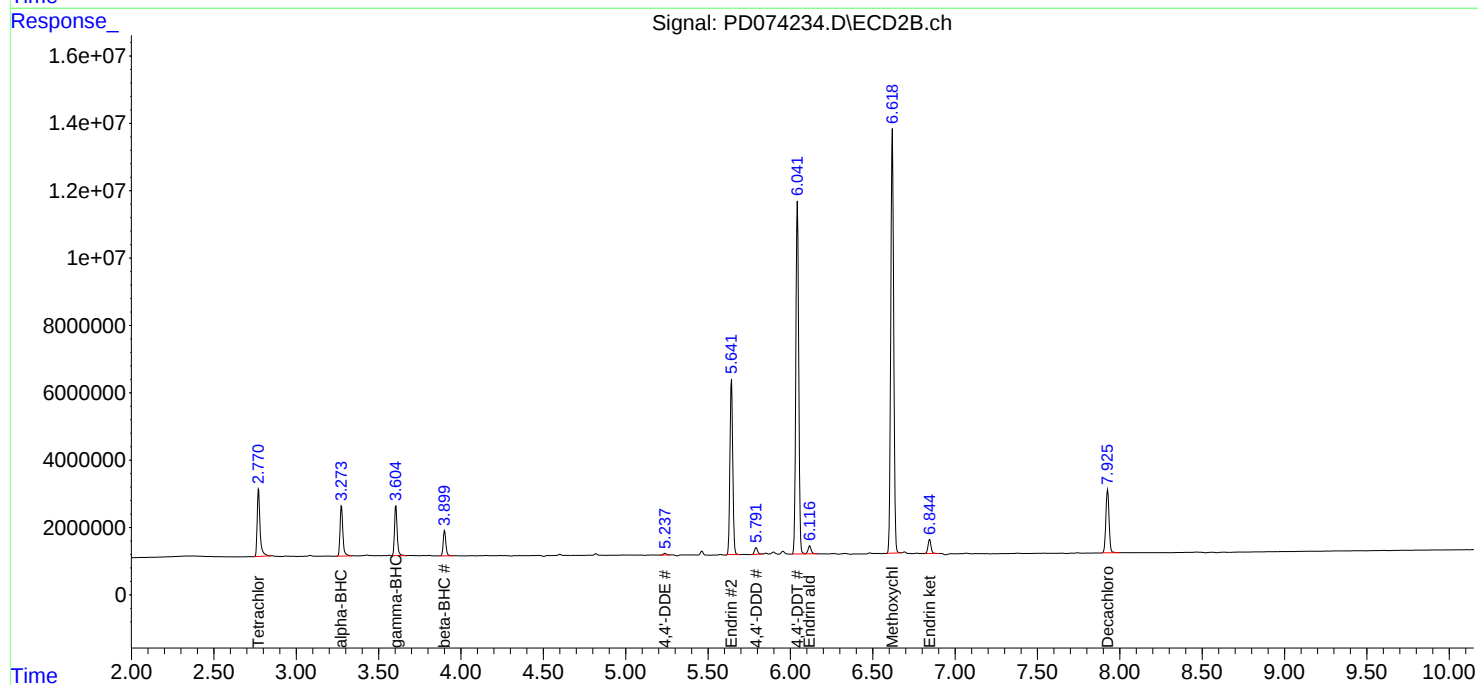
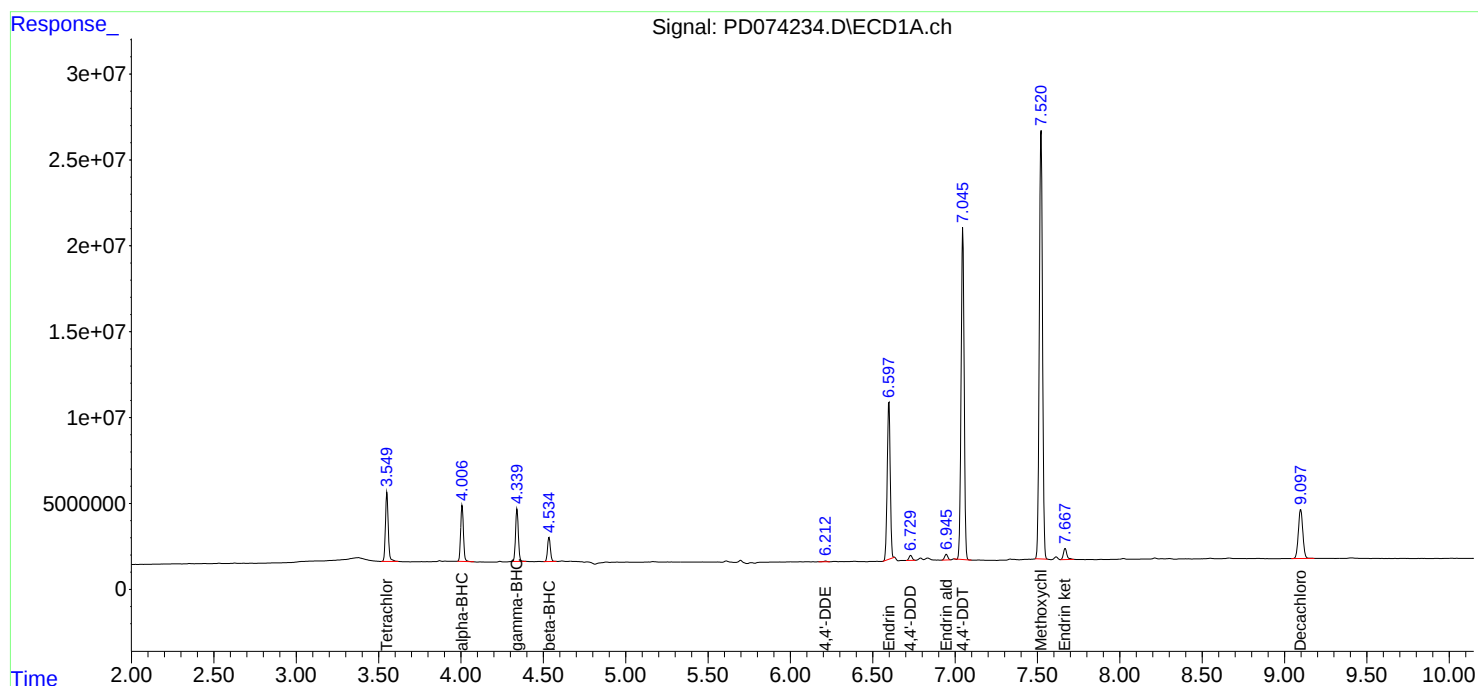
Instrument :
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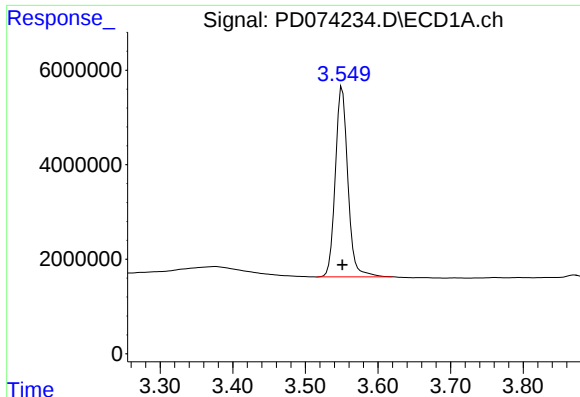
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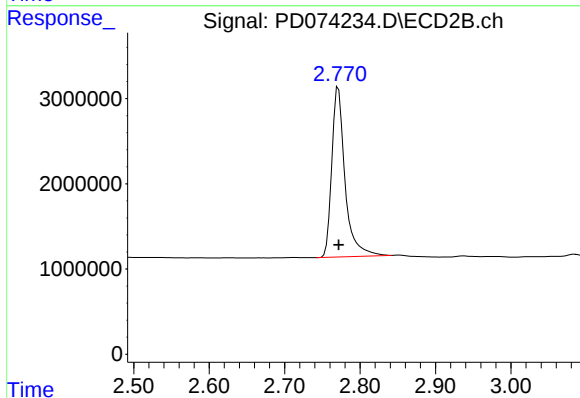
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 48267101
Conc: 20.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

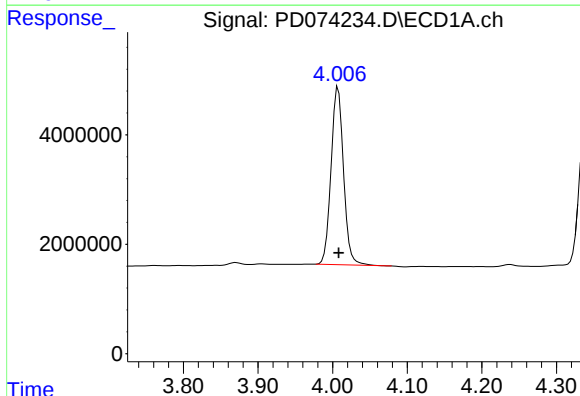
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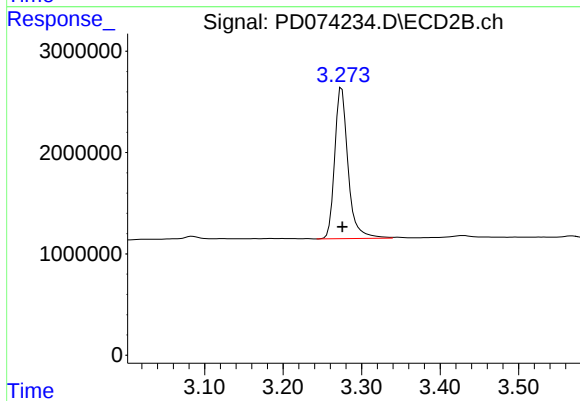
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 24286928
Conc: 19.96 ng/ml



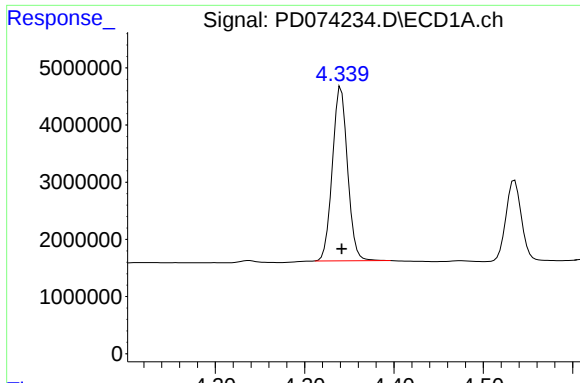
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 37798106
Conc: 9.74 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: -0.001 min
Response: 17634710
Conc: 9.49 ng/ml



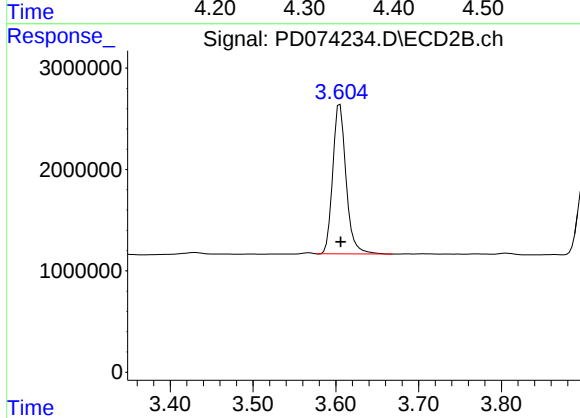
#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 35979093
Conc: 10.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

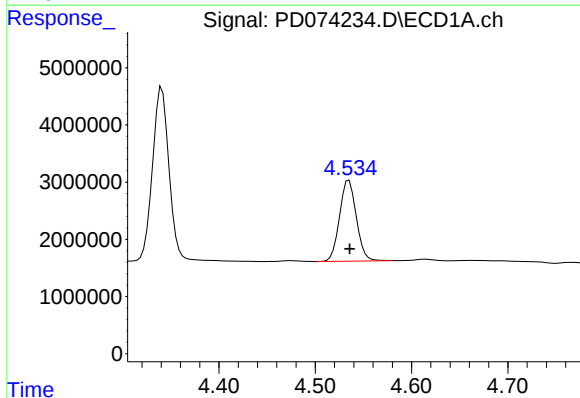
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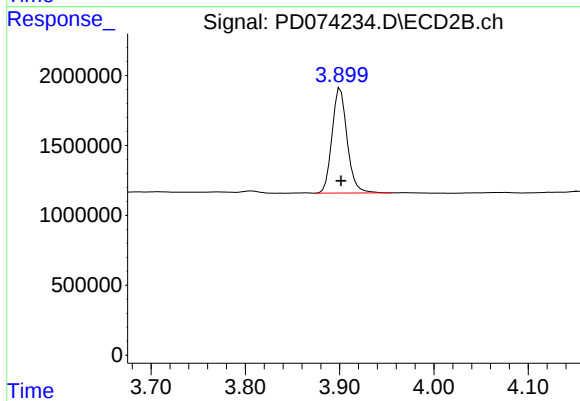
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 16540730
Conc: 9.65 ng/ml



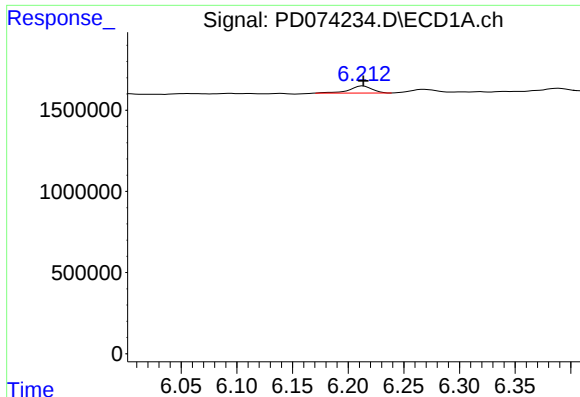
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 17075113
Conc: 11.55 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 8357529
Conc: 11.07 ng/ml



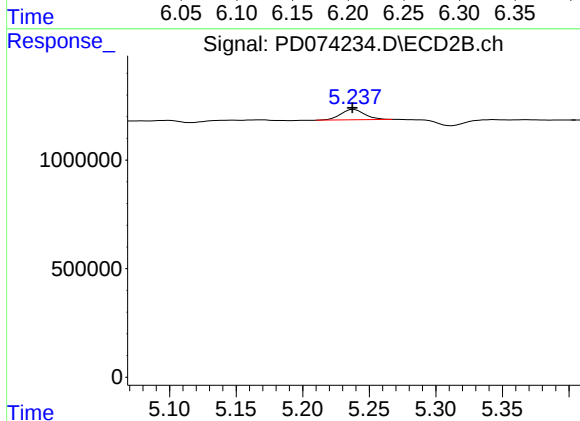
#12 4,4'-DDE

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 626604
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#12 4,4'-DDE

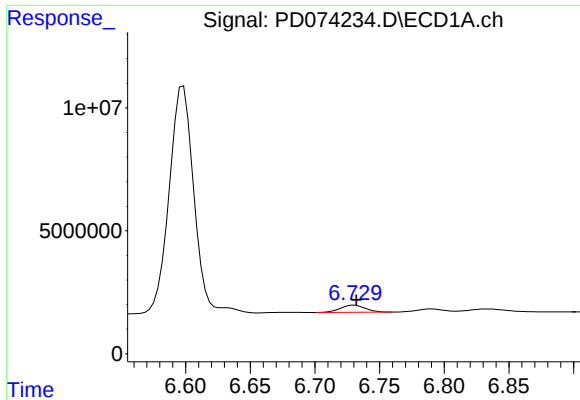
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 598974
Conc: 0.42 ng/ml m

#14 Endrin

R.T.: 6.598 min
Delta R.T.: -0.002 min
Response: 117239432
Conc: 47.18 ng/ml

#14 Endrin

R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 62221082
Conc: 47.61 ng/ml



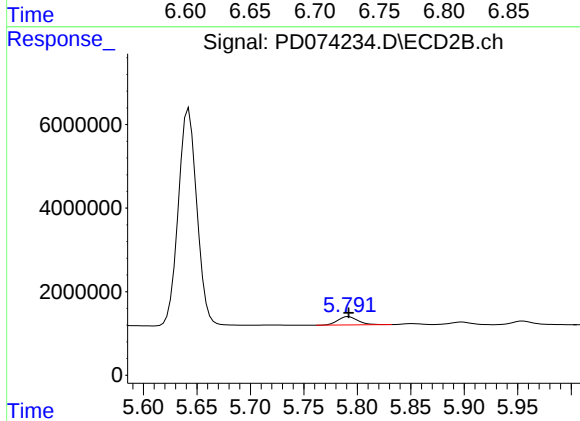
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 3860687
Conc: 1.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

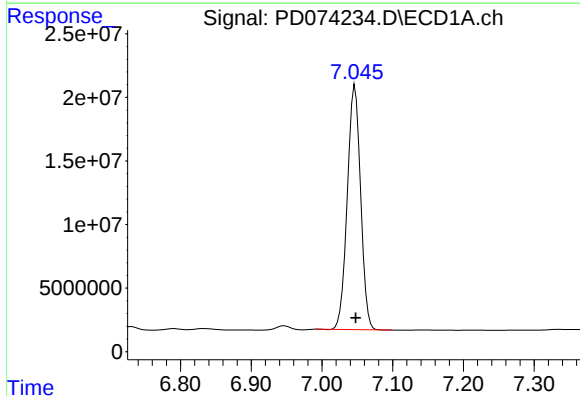
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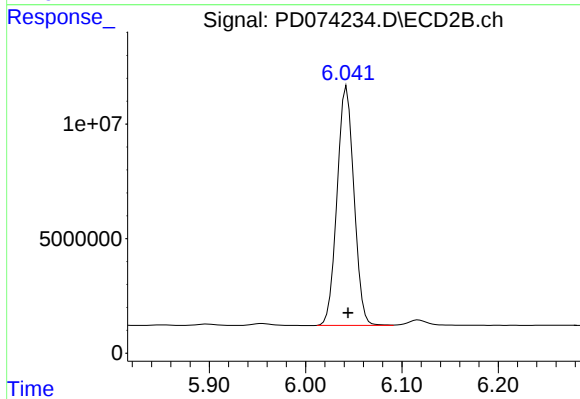
#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 2588254
Conc: 2.22 ng/ml



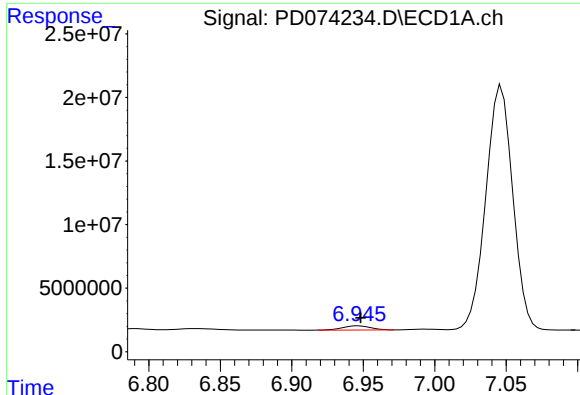
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.001 min
Response: 251388879
Conc: 98.62 ng/ml



#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.001 min
Response: 126903361
Conc: 103.34 ng/ml



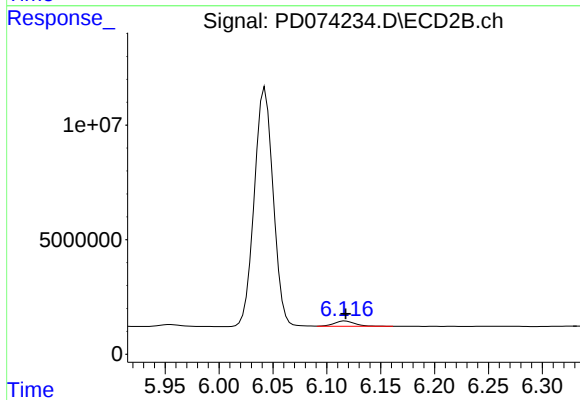
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 4449517
Conc: 2.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

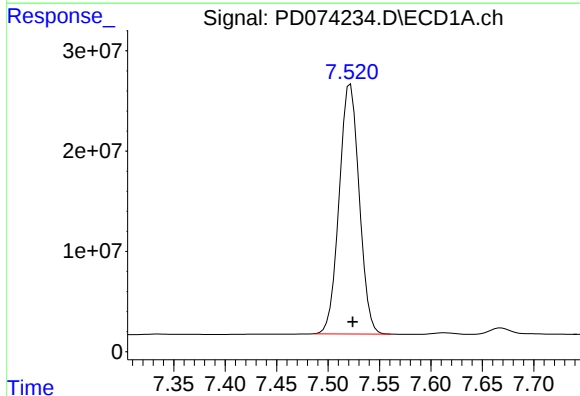
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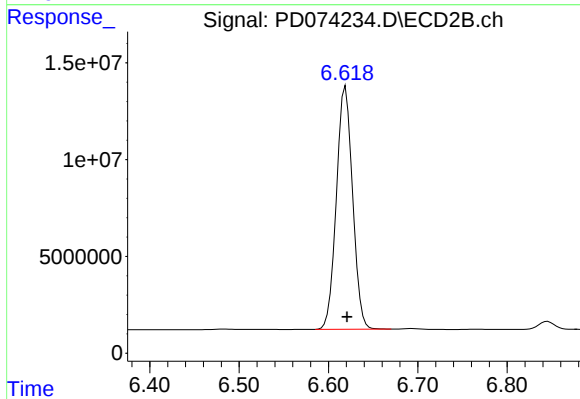
#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: -0.002 min
Response: 3083058
Conc: 3.04 ng/ml m



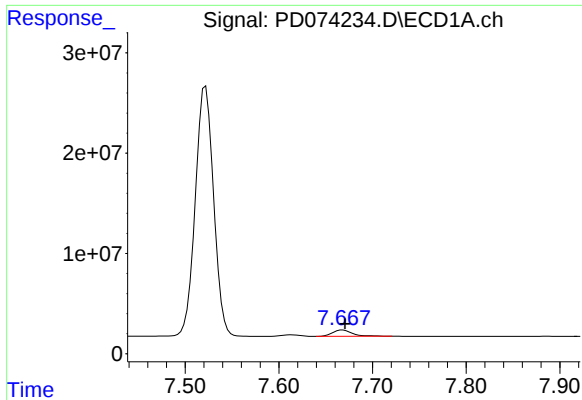
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: -0.002 min
Response: 337492472
Conc: 241.21 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 157987116
Conc: 233.49 ng/ml



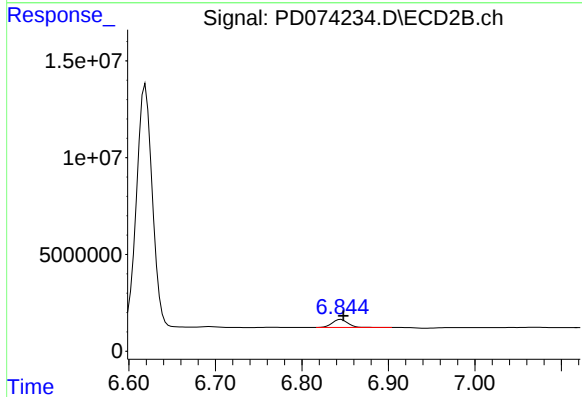
#21 Endrin ketone

R.T.: 7.668 min
Delta R.T.: -0.003 min
Response: 9401881
Conc: 3.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

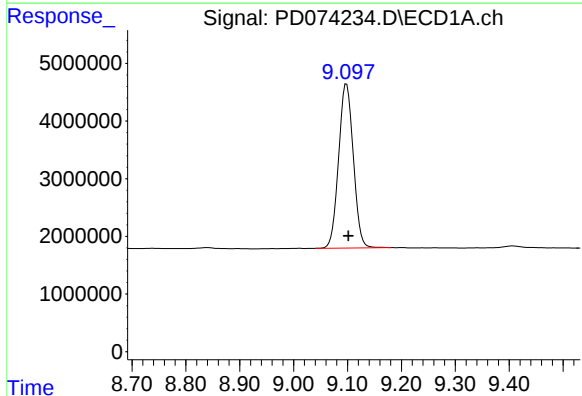
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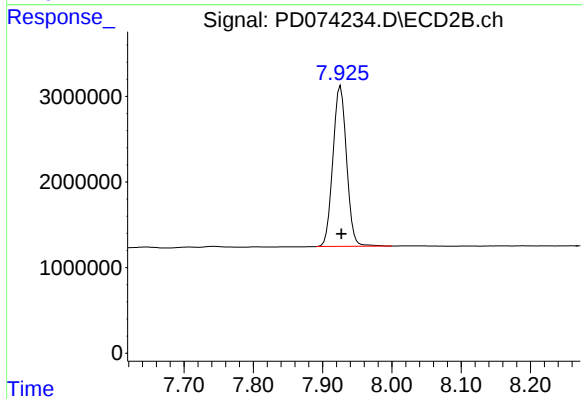
#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 5215629
Conc: 3.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.003 min
Response: 53935511
Conc: 20.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: -0.001 min
Response: 25705687
Conc: 20.95 ng/ml