

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032622\
 Data File : PD068771.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2022 10:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/28/2022
 Supervised By : mohammad ahmed 03/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 00:01:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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 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...	3.448	4.175	23983442	208.5E6	19.753	21.806
28)	SA Decachlor...	8.210	9.372	26406435	126.8E6	20.901	22.375
Target Compounds							
2)	A alpha-BHC	3.888	4.571	17162690	153.7E6	9.479	11.168
3)	MA gamma-BHC...	4.172	4.862	15889585	140.2E6	9.516	11.216
6)	B beta-BHC	4.422	5.025	8310155	63871935	11.161	11.634
12)	B 4,4'-DDE	5.613	6.550	624877	4948340	0.457	0.534m
14)	MA Endrin	6.003	6.932	67562531	403.2E6	51.288	52.105
16)	A 4,4'-DDD	6.130	7.044	1598048	12038300	1.355m	1.630
17)	MA 4,4'-DDT	6.372	7.346	123.1E6	706.6E6	102.392	96.184
18)	B Endrin al...	6.447	7.260	791485	2452039	0.797	0.405m#
20)	A Methoxychlor	6.922	7.799	162.8E6	831.4E6	234.916	228.082
21)	B Endrin ke...	7.153	7.962	1311375	8057122	0.891	1.040

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

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Acq On : 25 Mar 2022 10:12
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

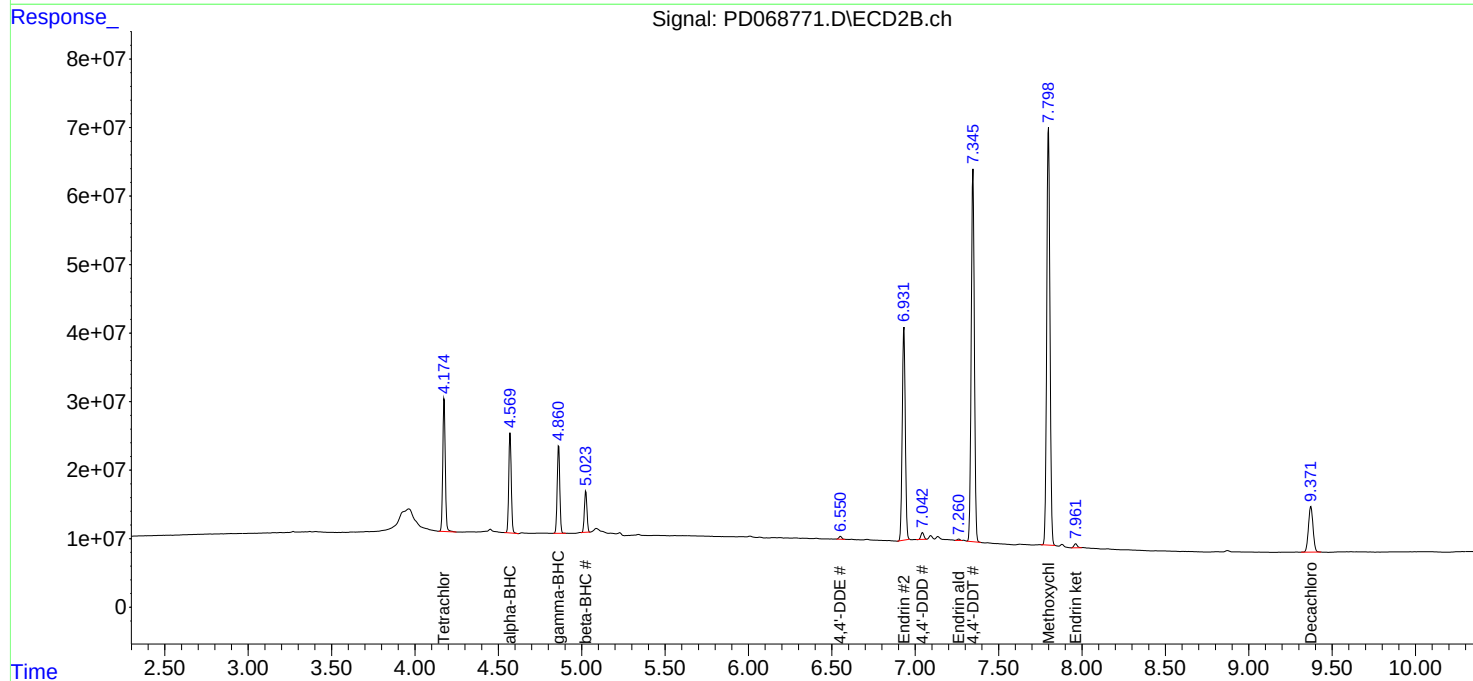
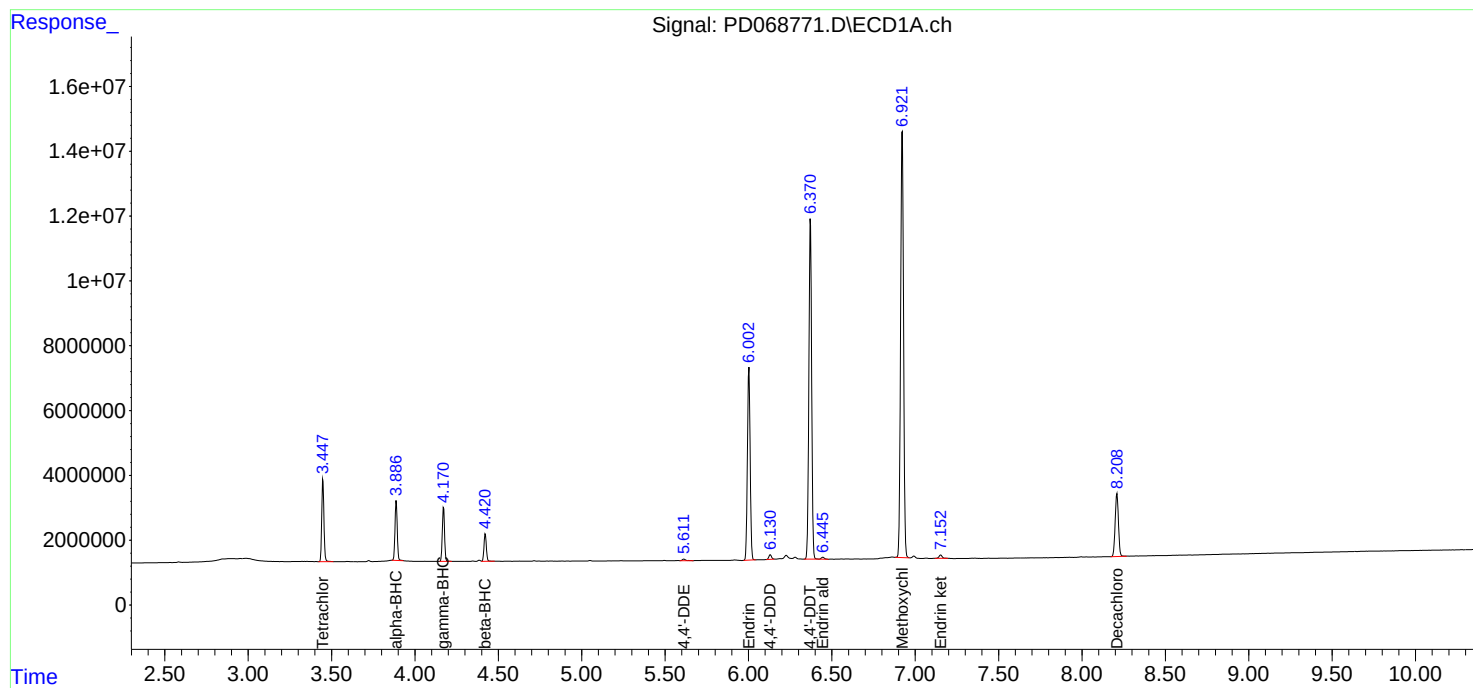
Instrument :
ECD_D
ClientSampleId :
PEM

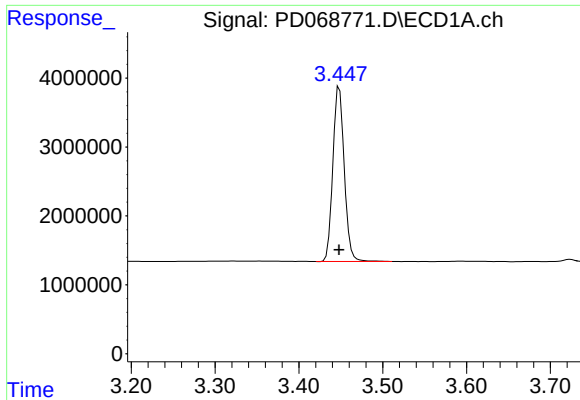
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
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Volume 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





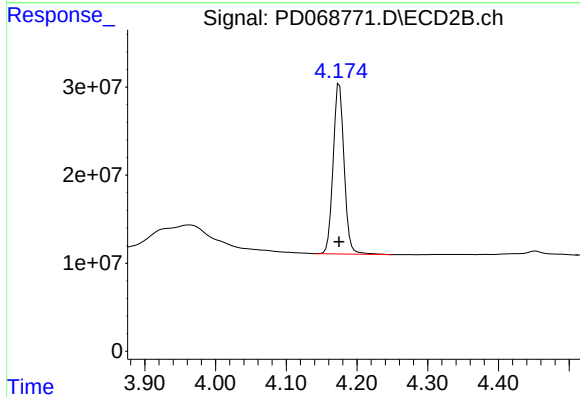
#1 Tetrachloro-m-xylene

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 23983442
Conc: 19.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

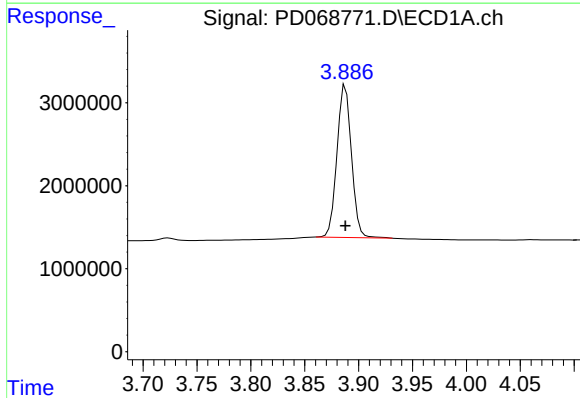
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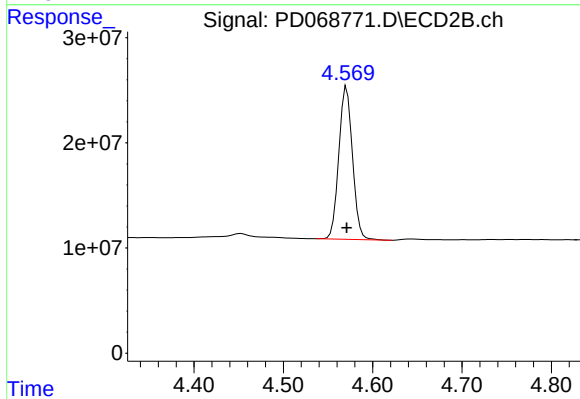
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 208484088
Conc: 21.81 ng/ml



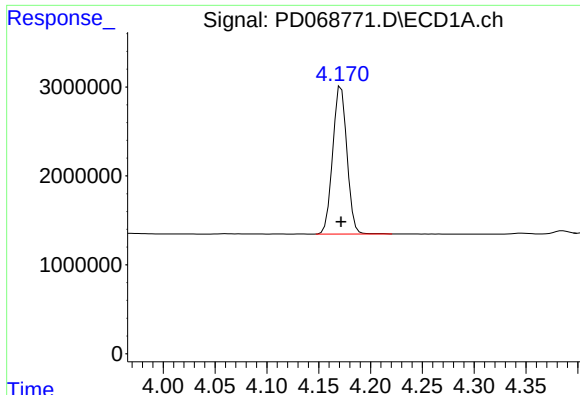
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 17162690
Conc: 9.48 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 153708713
Conc: 11.17 ng/ml



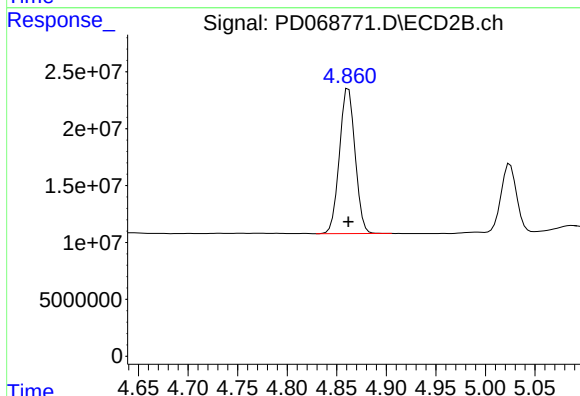
#3 gamma-BHC (Lindane)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 15889585
Conc: 9.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

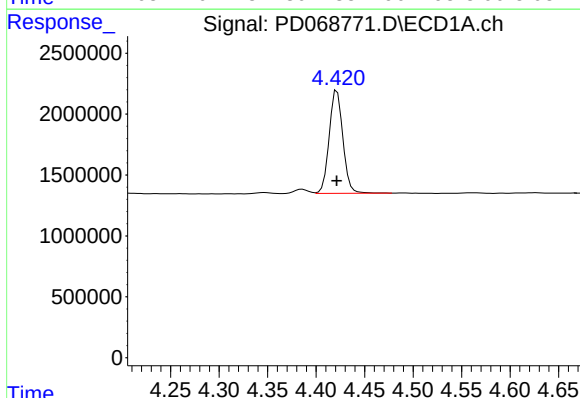
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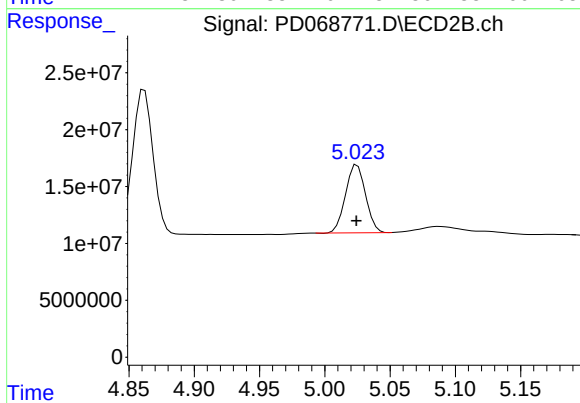
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 140230786
Conc: 11.22 ng/ml



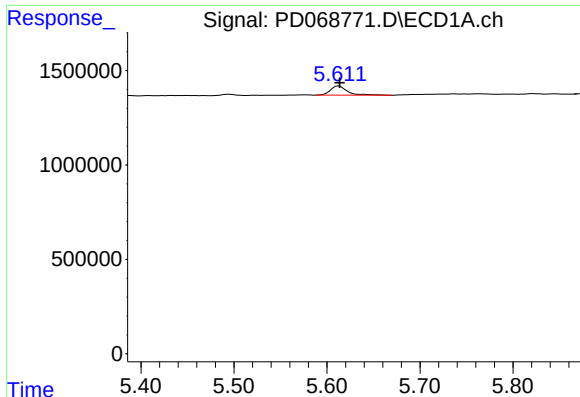
#6 beta-BHC

R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 8310155
Conc: 11.16 ng/ml



#6 beta-BHC

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 63871935
Conc: 11.63 ng/ml



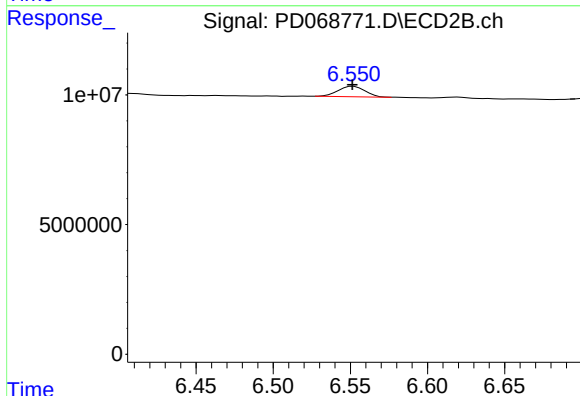
#12 4,4'-DDE

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 624877
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

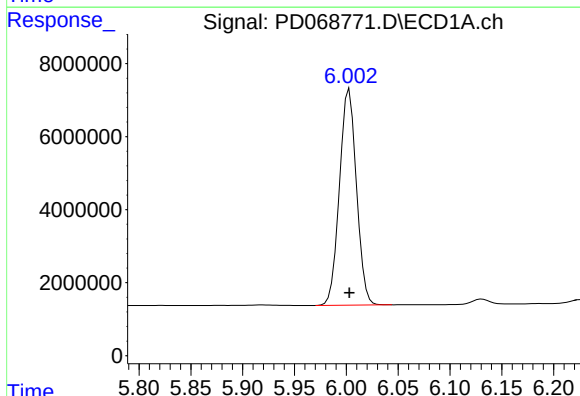
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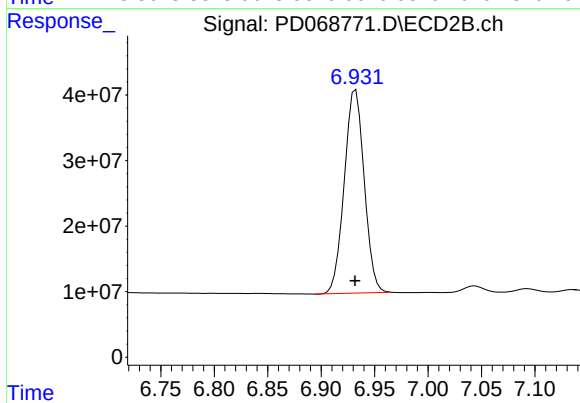
#12 4,4'-DDE

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 4948340
Conc: 0.53 ng/ml m



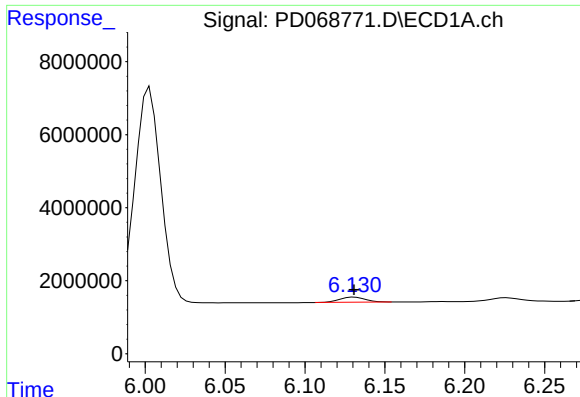
#14 Endrin

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 67562531
Conc: 51.29 ng/ml



#14 Endrin

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 403163661
Conc: 52.11 ng/ml



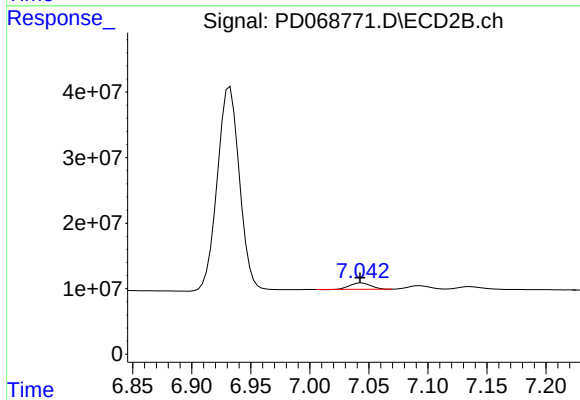
#16 4,4'-DDD

R.T.: 6.130 min
Delta R.T.: -0.001 min
Response: 1598048
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

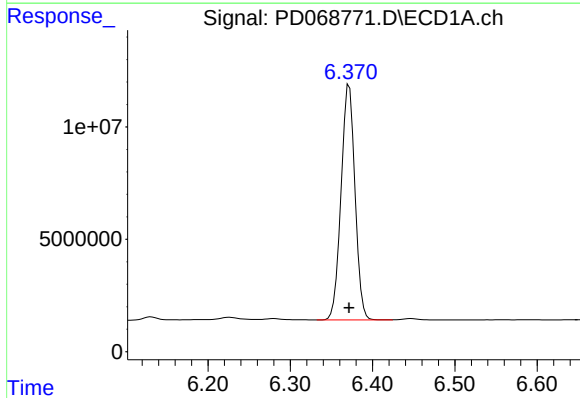
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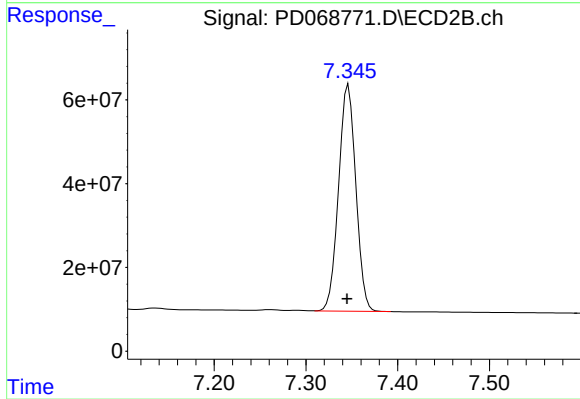
#16 4,4'-DDD

R.T.: 7.044 min
Delta R.T.: 0.001 min
Response: 12038300
Conc: 1.63 ng/ml



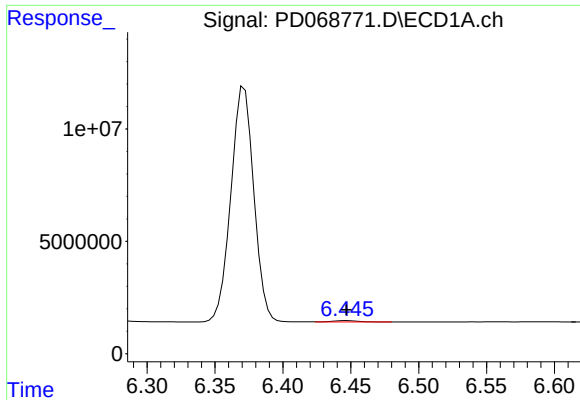
#17 4,4'-DDT

R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 123071272
Conc: 102.39 ng/ml



#17 4,4'-DDT

R.T.: 7.346 min
Delta R.T.: 0.002 min
Response: 706644968
Conc: 96.18 ng/ml



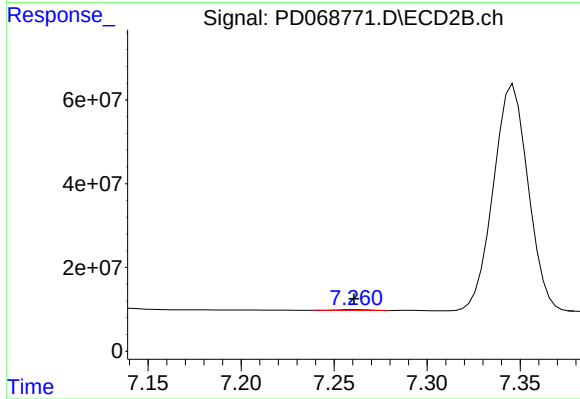
#18 Endrin aldehyde

R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 791485
Conc: 0.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

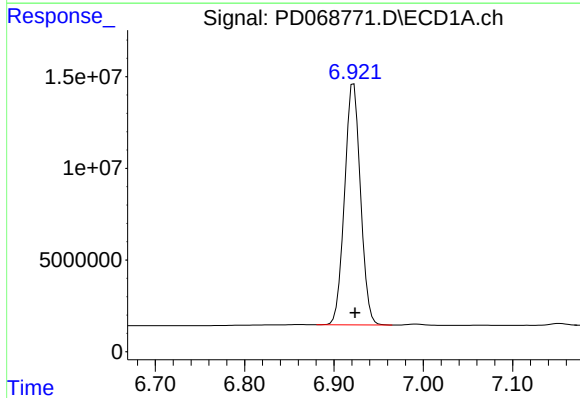
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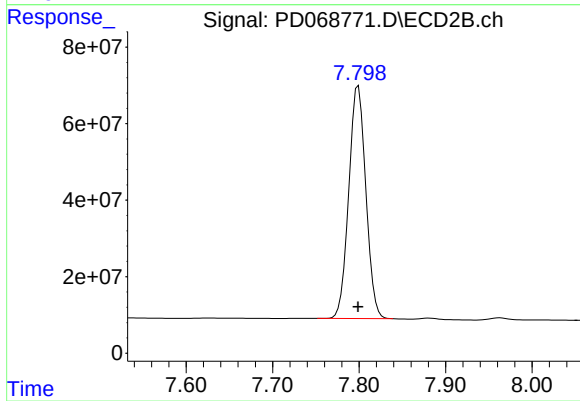
#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 2452039
Conc: 0.41 ng/ml m



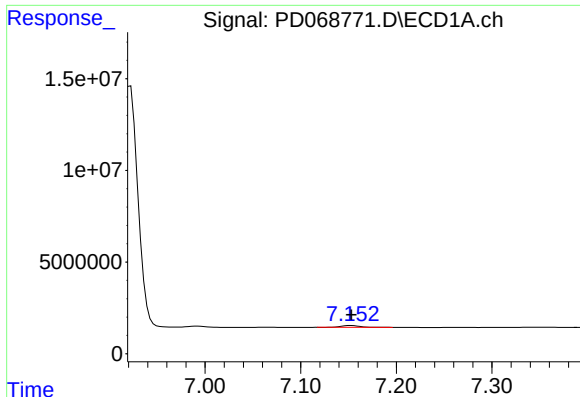
#20 Methoxychlor

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 162803107
Conc: 234.92 ng/ml



#20 Methoxychlor

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 831424736
Conc: 228.08 ng/ml



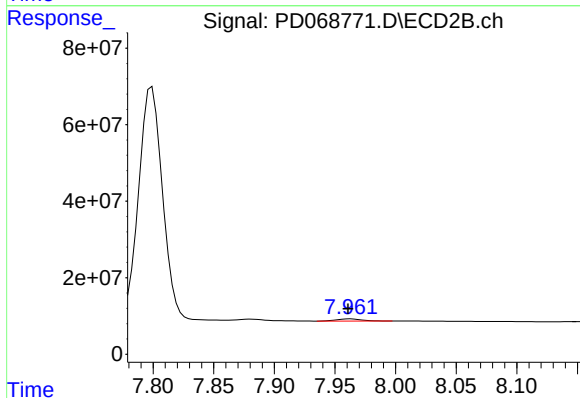
#21 Endrin ketone

R.T.: 7.153 min
Delta R.T.: 0.000 min
Response: 1311375
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

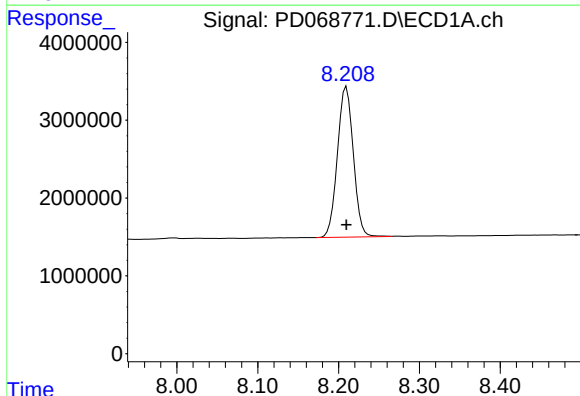
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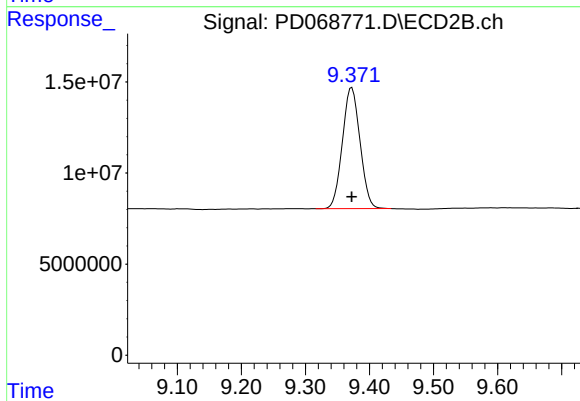
#21 Endrin ketone

R.T.: 7.962 min
Delta R.T.: 0.002 min
Response: 8057122
Conc: 1.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 26406435
Conc: 20.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 126794553
Conc: 22.38 ng/ml