

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\pd040222\
 Data File : PD068871.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2022 09:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/01/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 02:33:18 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...	3.447	4.174	27540655	249.4E6	22.683	26.083
28)	SA Decachlor...	8.208	9.371	29031466	150.1E6	22.979	26.485
Target Compounds							
2)	A alpha-BHC	3.887	4.570	19518897	185.3E6	10.780	13.467
3)	MA gamma-BHC...	4.171	4.861	18491212	169.0E6	11.074	13.515
6)	B beta-BHC	4.421	5.024	9274220	78091708	12.456	14.225
12)	B 4,4'-DDE	5.610	6.551	761234	8642552	0.556m	0.933 #
14)	MA Endrin	6.002	6.929	70822654	383.1E6	53.763	49.511
16)	A 4,4'-DDD	6.127	7.042	5172502	42053690	4.386m	5.694 #
17)	MA 4,4'-DDT	6.370	7.345	129.6E6	793.2E6	107.804	107.967
18)	B Endrin al...	6.445	7.260	2856703	20097653	2.878	3.321
20)	A Methoxychlor	6.921	7.798	162.2E6	888.3E6	234.095	243.675
21)	B Endrin ke...	7.151	7.959	5350469	33321747	3.634	4.300

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

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Acq On : 31 Mar 2022 09:54
Operator : AR\AJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

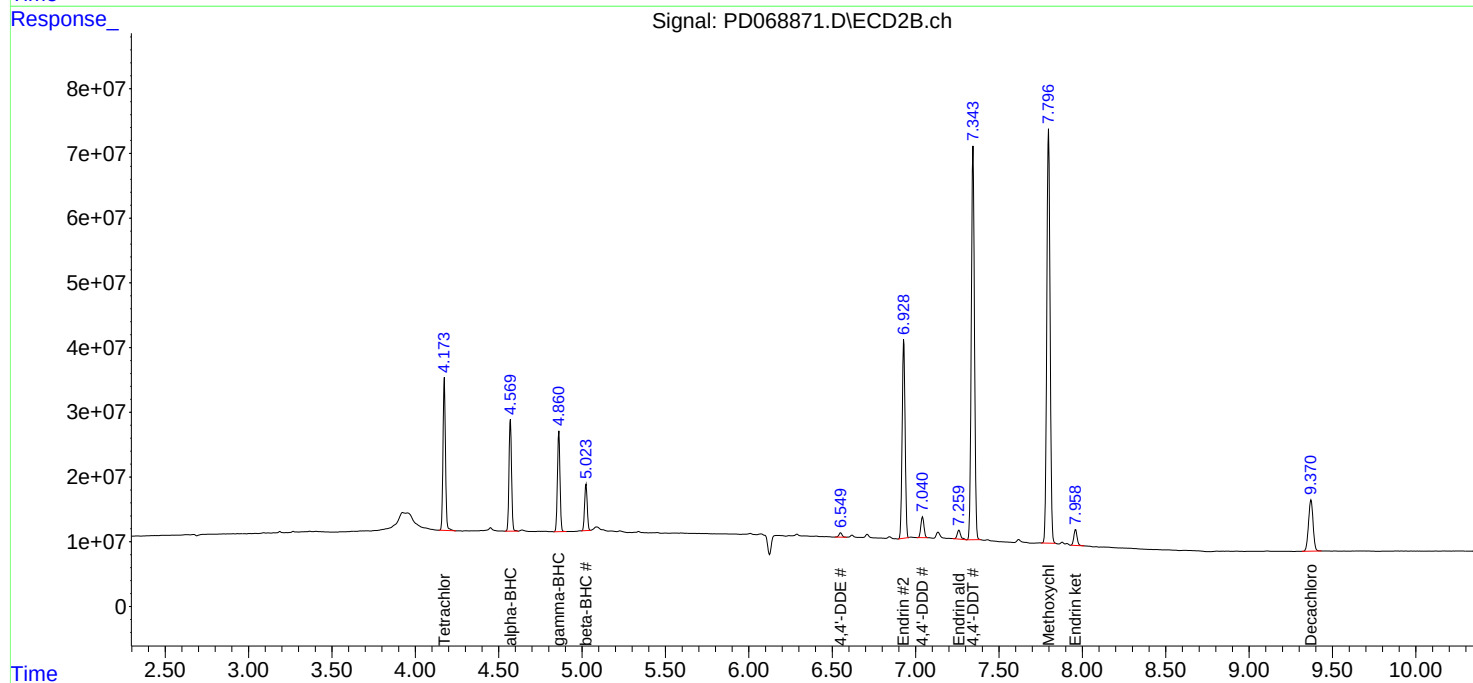
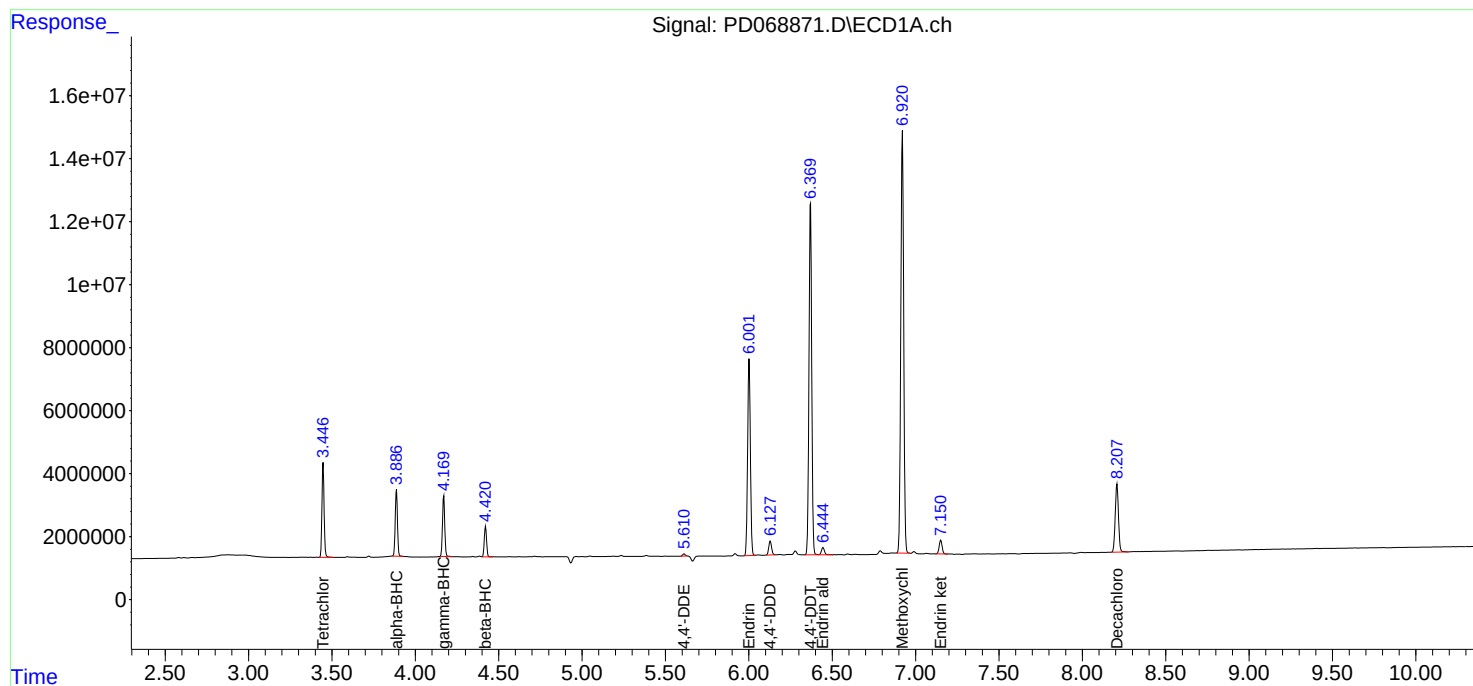
Instrument :
ECD_D
ClientSampleId :
PEM

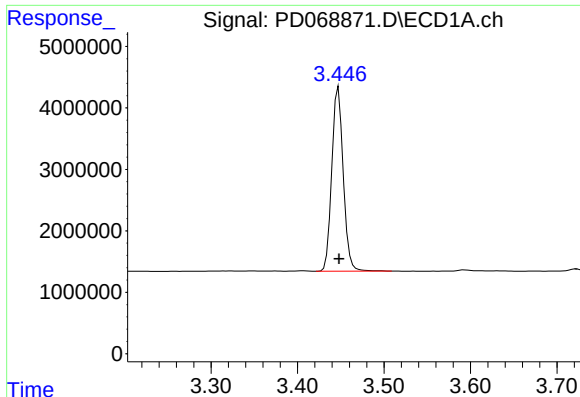
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Title : GC Extractables
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Volume Inj. : 2 µl
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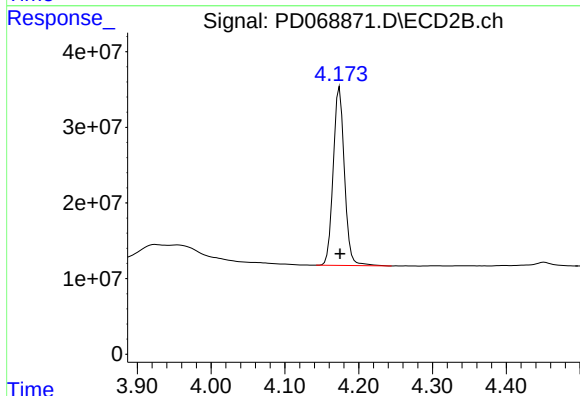
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 27540655
Conc: 22.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

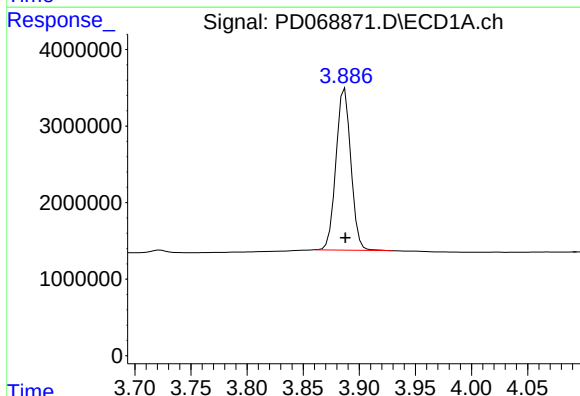
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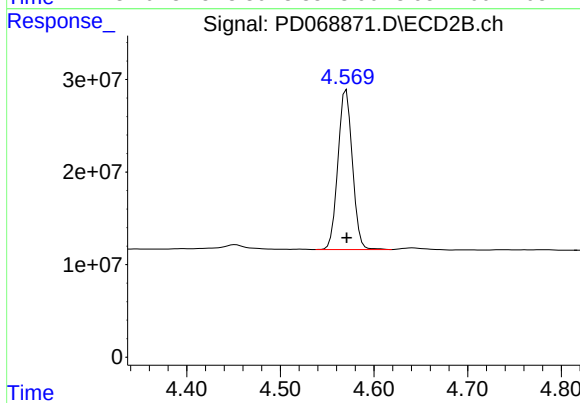
#1 Tetrachloro-m-xylene

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 249376326
Conc: 26.08 ng/ml



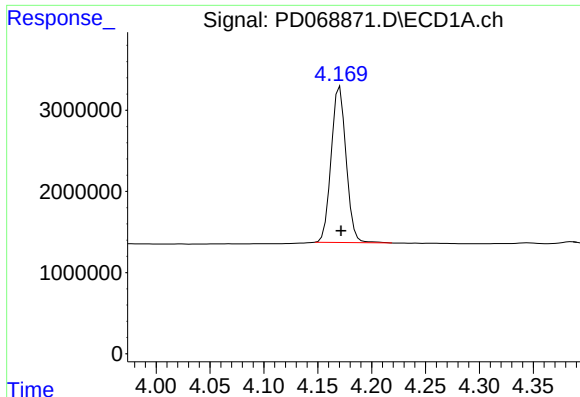
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 19518897
Conc: 10.78 ng/ml



#2 alpha-BHC

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 185348185
Conc: 13.47 ng/ml



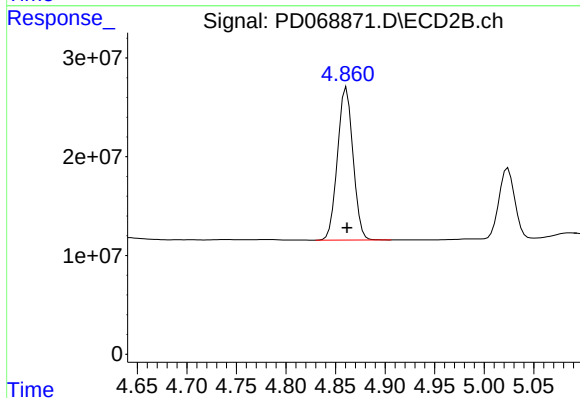
#3 gamma-BHC (Lindane)

R.T.: 4.171 min
Delta R.T.: -0.001 min
Response: 18491212
Conc: 11.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

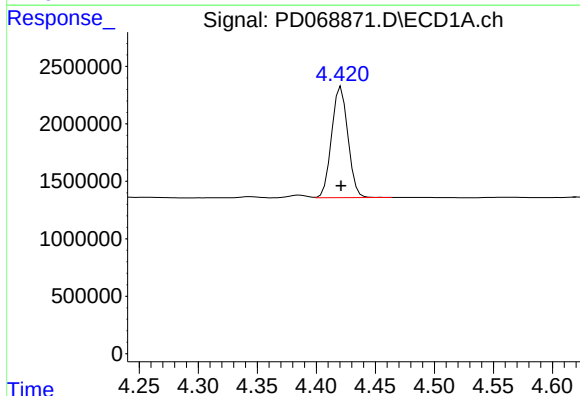
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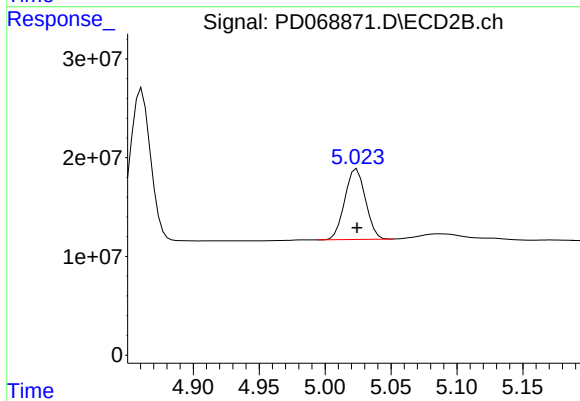
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 168975153
Conc: 13.51 ng/ml



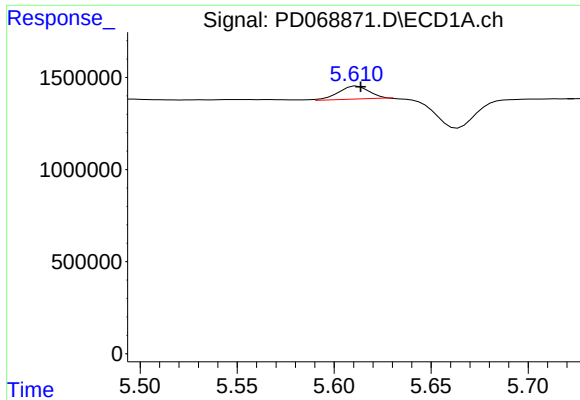
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 9274220
Conc: 12.46 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 78091708
Conc: 14.22 ng/ml



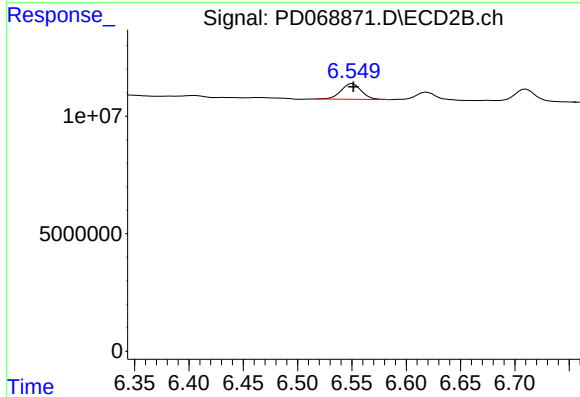
#12 4,4'-DDE

R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 761234
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

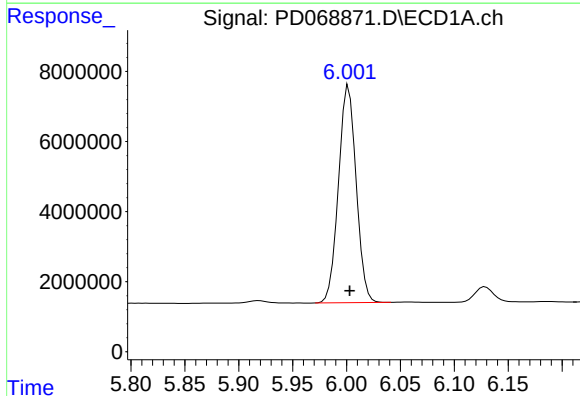
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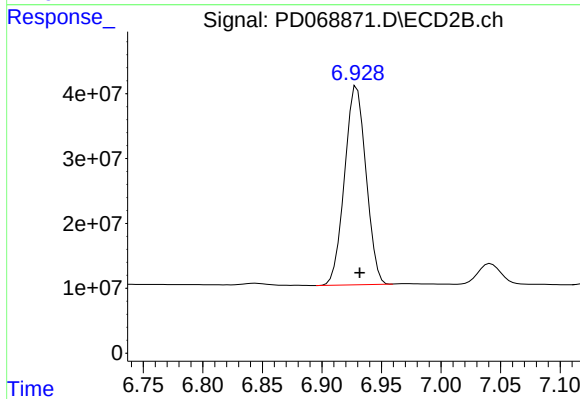
#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 8642552
Conc: 0.93 ng/ml



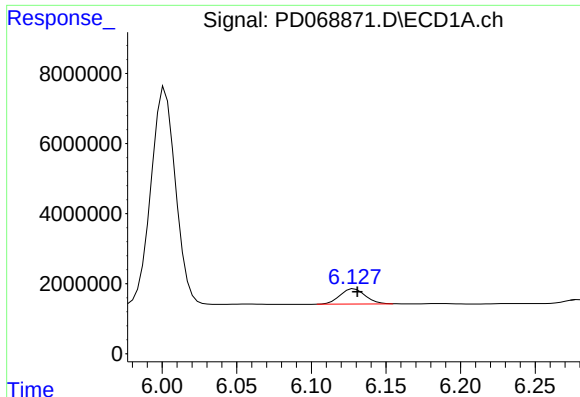
#14 Endrin

R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 70822654
Conc: 53.76 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 383090461
Conc: 49.51 ng/ml



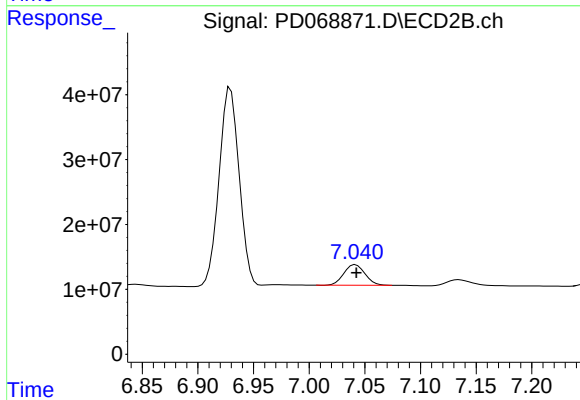
#16 4,4'-DDD

R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 5172502
Conc: 4.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

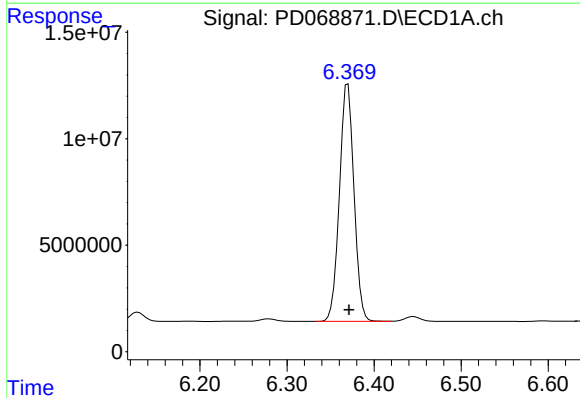
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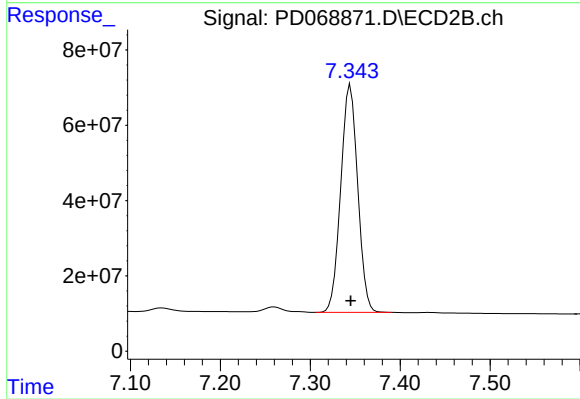
#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 42053690
Conc: 5.69 ng/ml



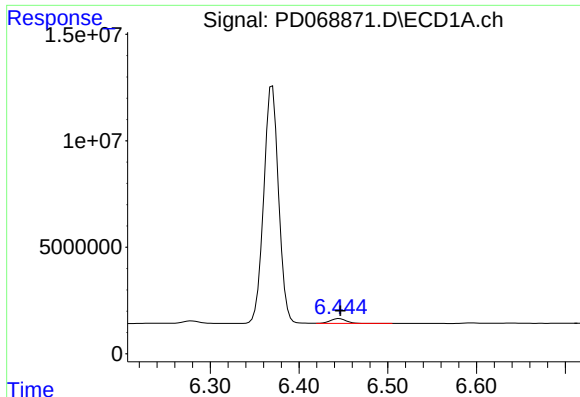
#17 4,4'-DDT

R.T.: 6.370 min
Delta R.T.: -0.001 min
Response: 129576632
Conc: 107.80 ng/ml



#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 793208340
Conc: 107.97 ng/ml



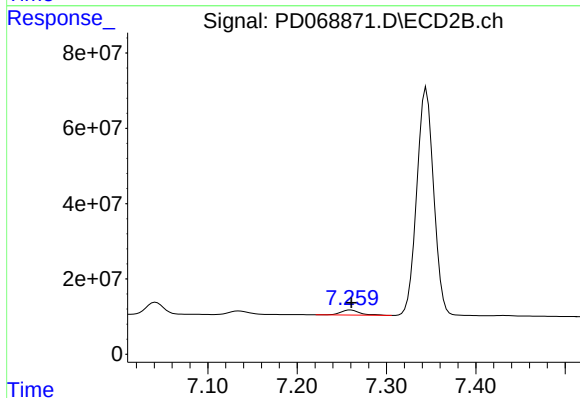
#18 Endrin aldehyde

R.T.: 6.445 min
Delta R.T.: -0.001 min
Response: 2856703
Conc: 2.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

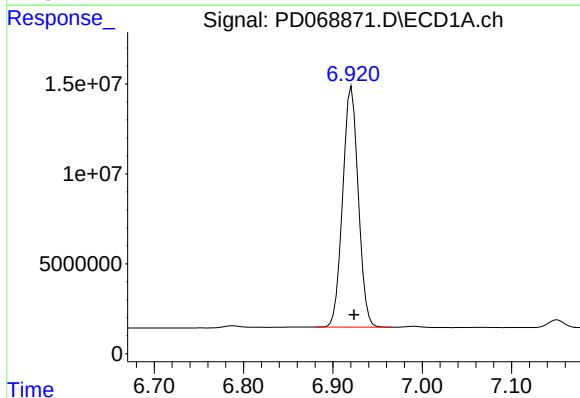
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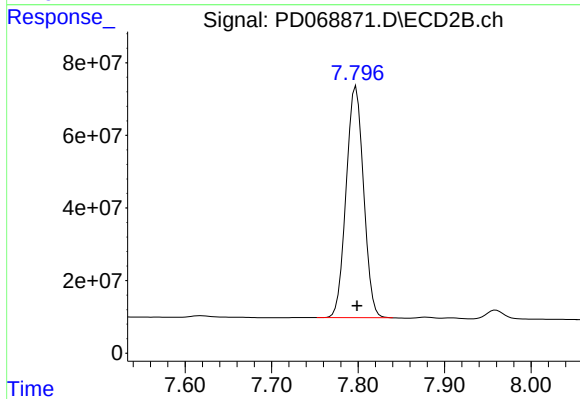
#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 20097653
Conc: 3.32 ng/ml



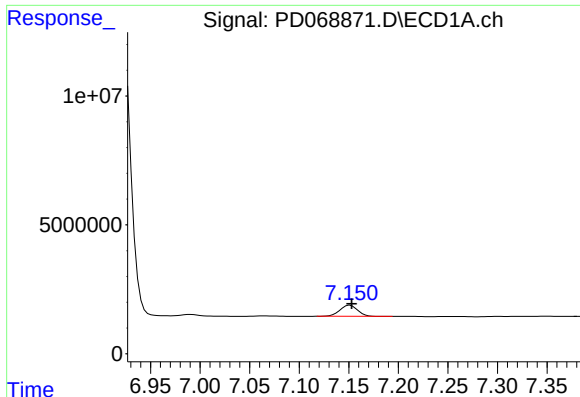
#20 Methoxychlor

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 162234542
Conc: 234.10 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: -0.001 min
Response: 888266960
Conc: 243.68 ng/ml



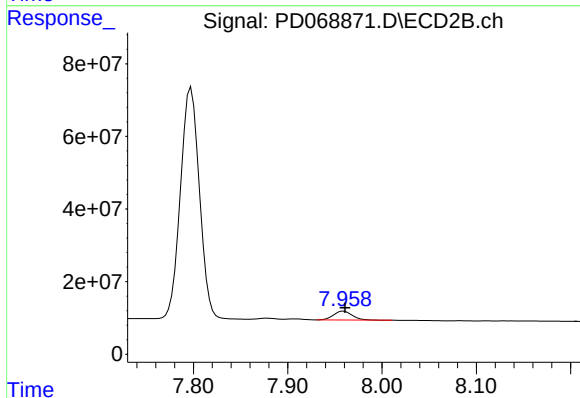
#21 Endrin ketone

R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 5350469
Conc: 3.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

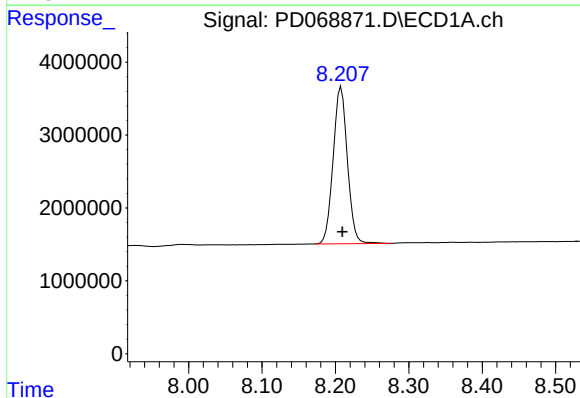
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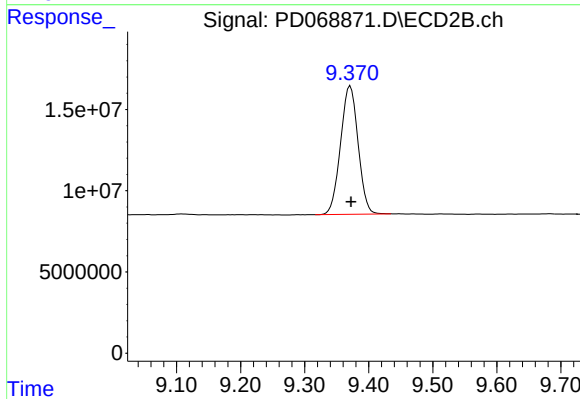
#21 Endrin ketone

R.T.: 7.959 min
Delta R.T.: -0.001 min
Response: 33321747
Conc: 4.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 29031466
Conc: 22.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 150084582
Conc: 26.49 ng/ml