

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030822\
 Data File : PD068381.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2022 09:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/09/2022
 Supervised By : Ankita Jodhani 03/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 23:49:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 06:48:49 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...	3.449	4.175	25018828	201.5E6	21.343	20.992
28)	SA Decachlor...	8.212	9.370	25308225	121.7E6	21.748	20.522
Target Compounds							
2)	A alpha-BHC	3.889	4.571	17646552	149.0E6	10.284	10.857
3)	MA gamma-BHC...	4.172	4.862	16438348	134.5E6	10.323	10.849
6)	B beta-BHC	4.422	5.024	8327002	63100762	11.868	11.674
12)	B 4,4'-DDE	5.614	6.551	492173	4341830	0.361m	0.444
14)	MA Endrin	6.005	6.930	65386475	323.9E6	52.930	42.116
16)	A 4,4'-DDD	6.131	7.042	4346568	32401018	3.665m	4.117
17)	MA 4,4'-DDT	6.373	7.345	118.5E6	624.0E6	107.437	88.197
18)	B Endrin al...	6.448	7.259	1403509	7813321	1.531	1.298m
20)	A Methoxychlor	6.924	7.797	152.6E6	729.0E6	235.192	209.811
21)	B Endrin ke...	7.153	7.960	3380384	20534992	2.296m	2.446

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

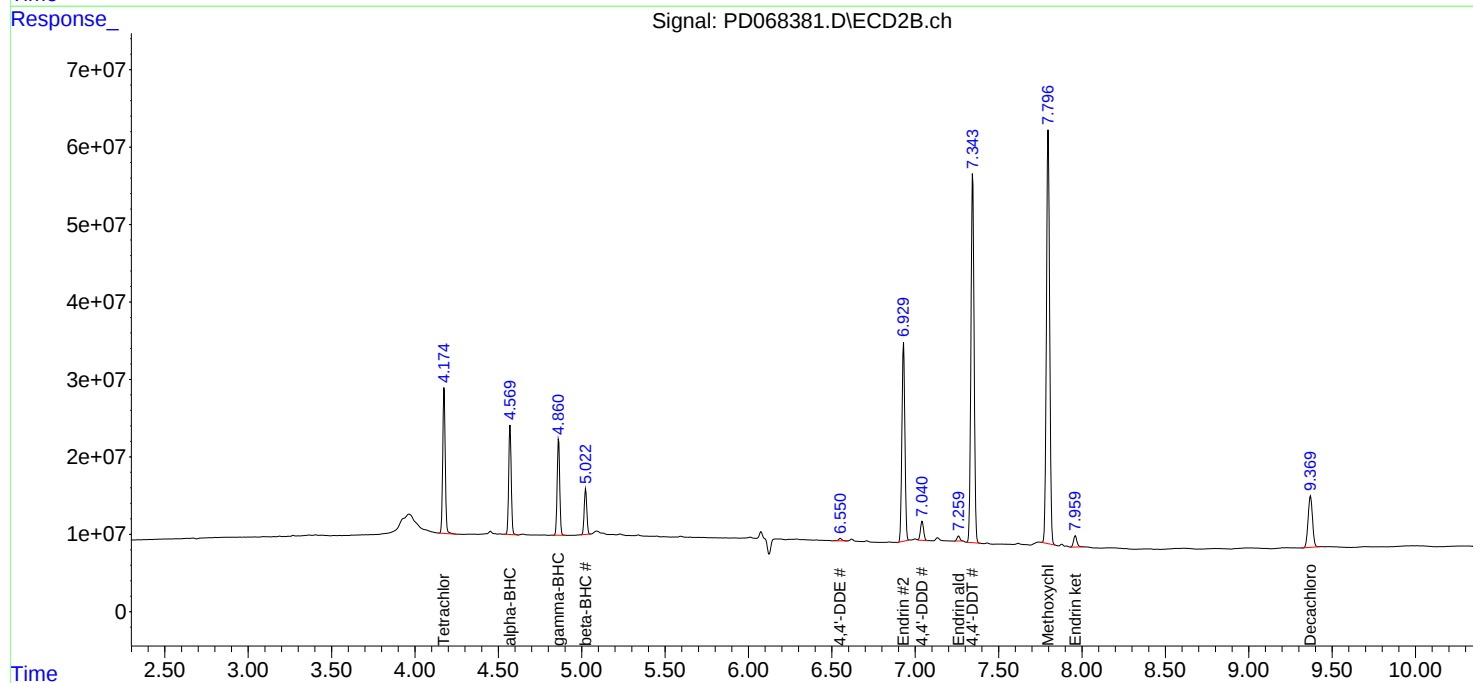
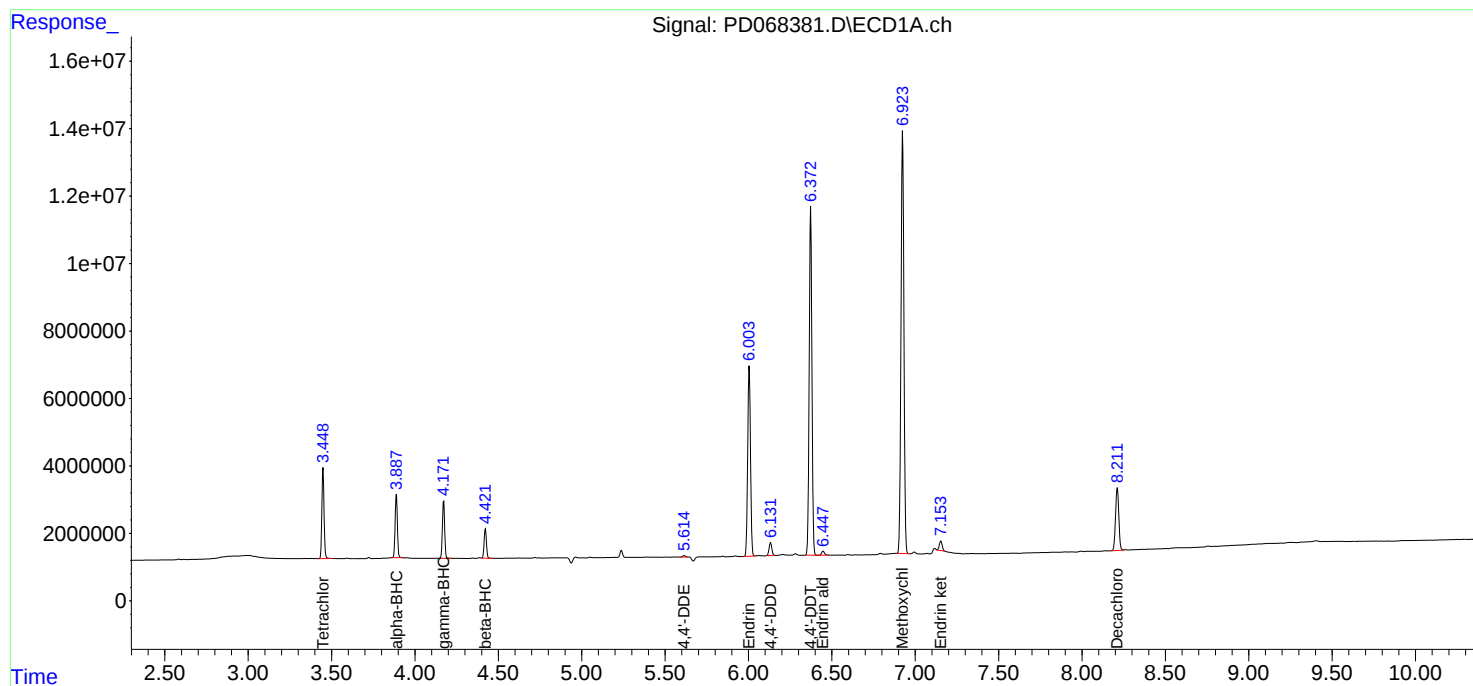
Instrument :
ECD_D
ClientSampleId :
PEM

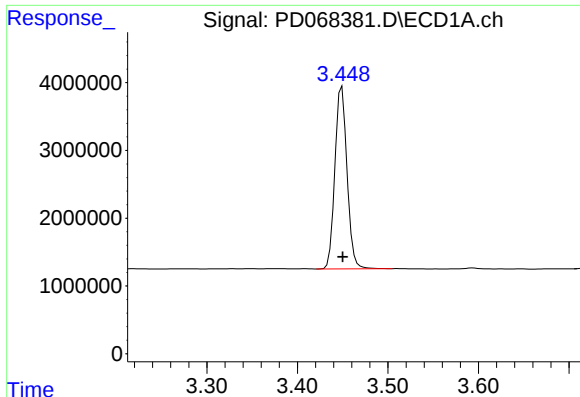
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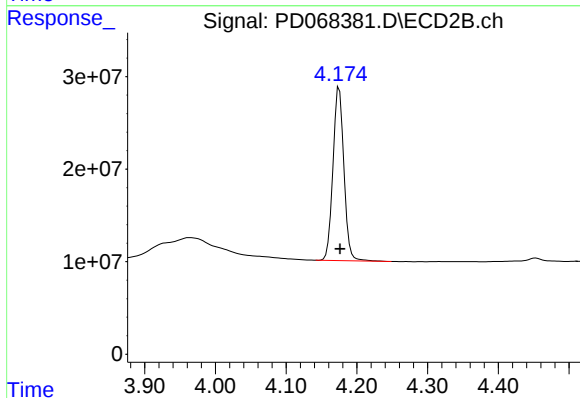
#1 Tetrachloro-m-xylene

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 25018828
Conc: 21.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

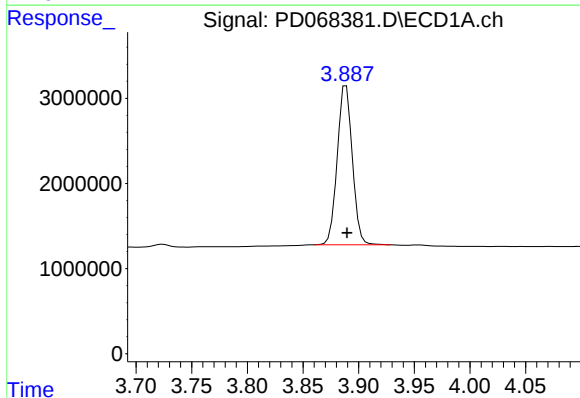
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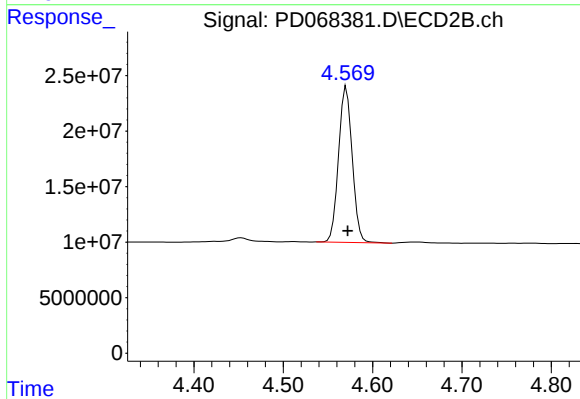
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 201478490
Conc: 20.99 ng/ml



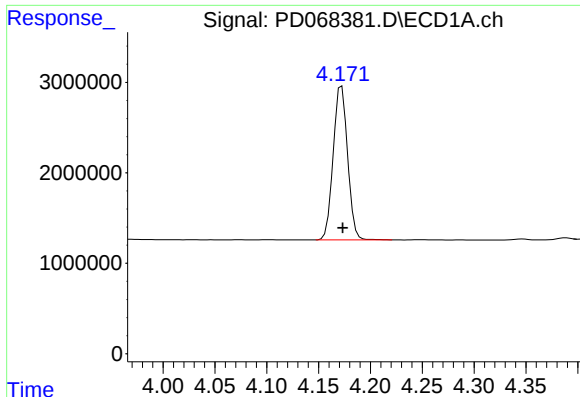
#2 alpha-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 17646552
Conc: 10.28 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 148973319
Conc: 10.86 ng/ml



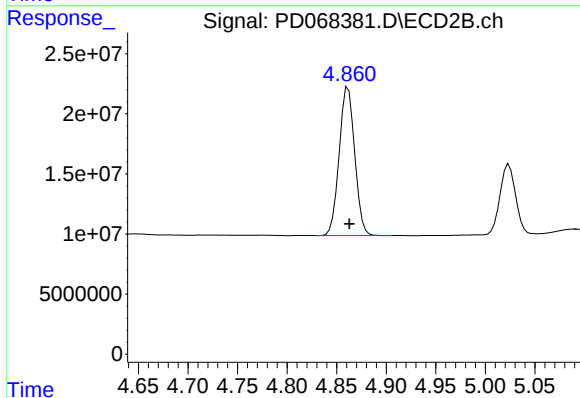
#3 gamma-BHC (Lindane)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 16438348
Conc: 10.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

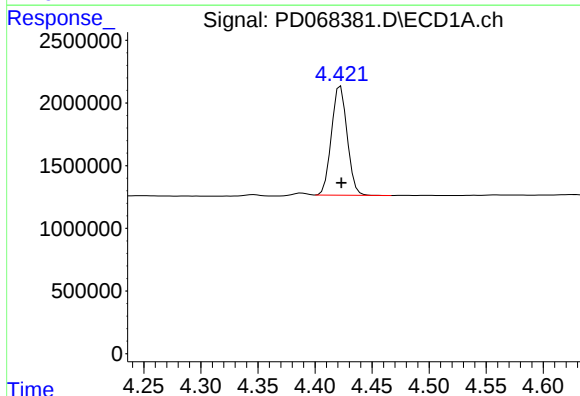
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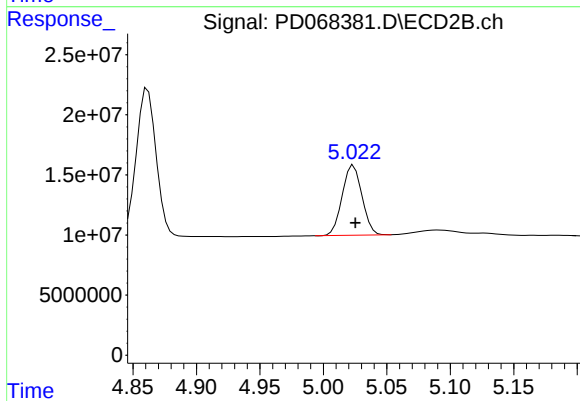
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 134527821
Conc: 10.85 ng/ml



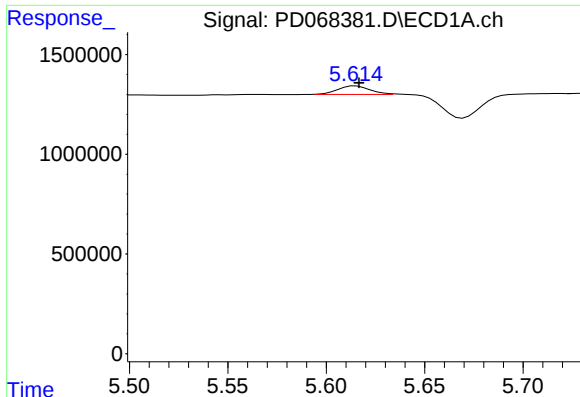
#6 beta-BHC

R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 8327002
Conc: 11.87 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: -0.001 min
Response: 63100762
Conc: 11.67 ng/ml



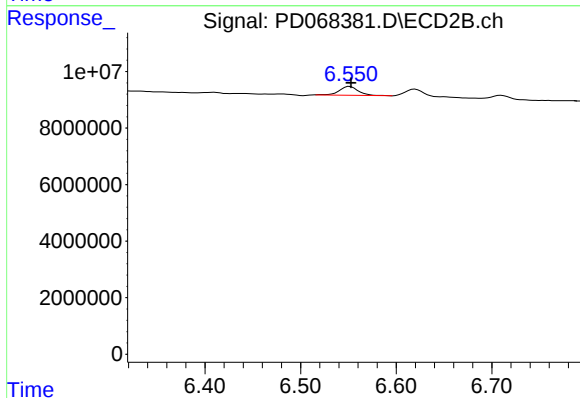
#12 4,4'-DDE

R.T.: 5.614 min
Delta R.T.: -0.003 min
Response: 492173
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

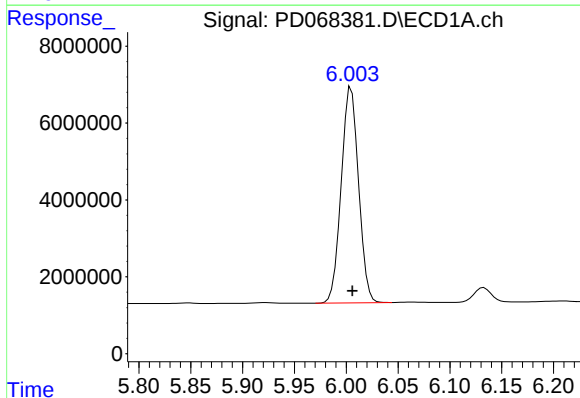
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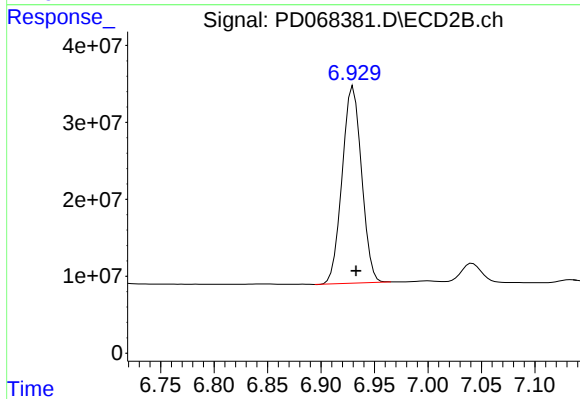
#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: -0.001 min
Response: 4341830
Conc: 0.44 ng/ml



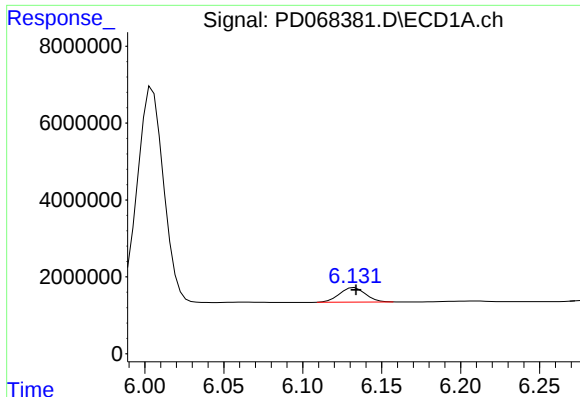
#14 Endrin

R.T.: 6.005 min
Delta R.T.: -0.001 min
Response: 65386475
Conc: 52.93 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: -0.003 min
Response: 323893930
Conc: 42.12 ng/ml



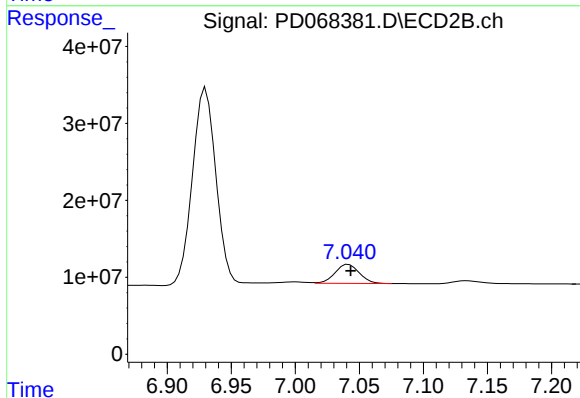
#16 4,4'-DDD

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 4346568
Conc: 3.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

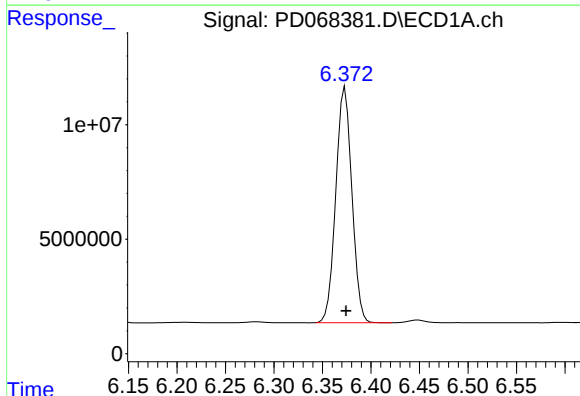
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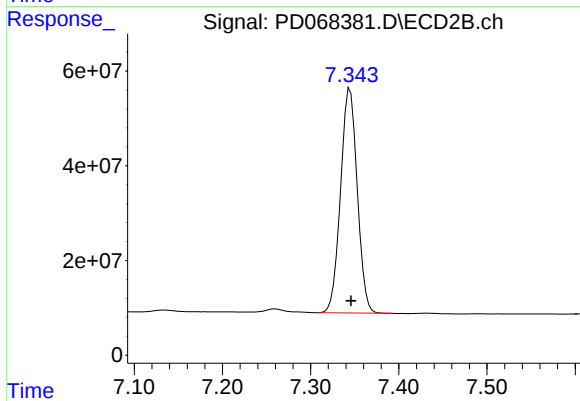
#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: -0.002 min
Response: 32401018
Conc: 4.12 ng/ml



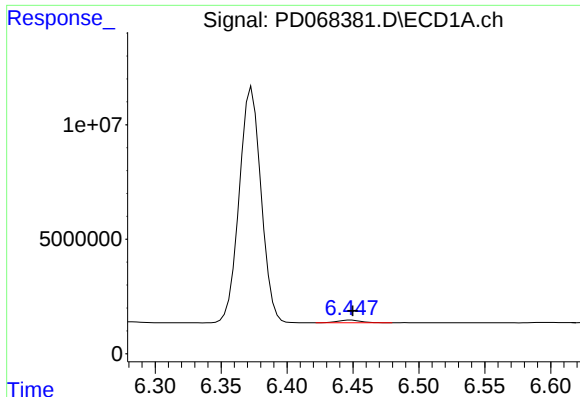
#17 4,4'-DDT

R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 118478476
Conc: 107.44 ng/ml



#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: -0.001 min
Response: 624040316
Conc: 88.20 ng/ml



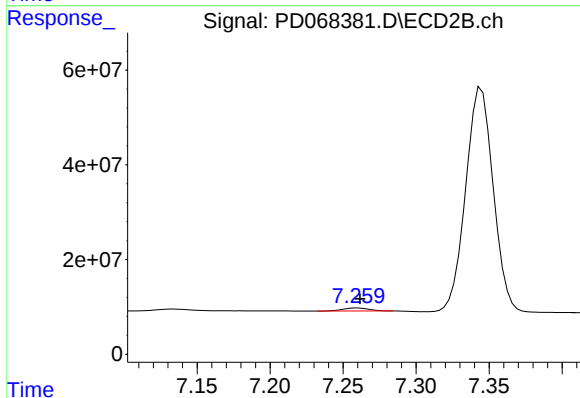
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: -0.001 min
Response: 1403509
Conc: 1.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

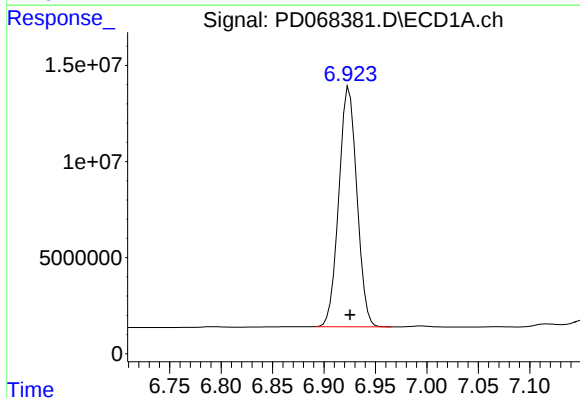
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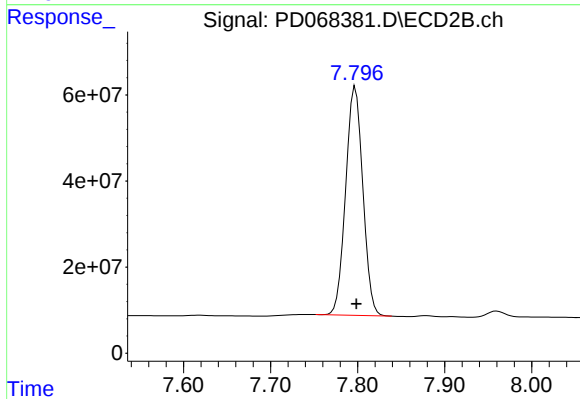
#18 Endrin aldehyde

R.T.: 7.259 min
Delta R.T.: -0.003 min
Response: 7813321
Conc: 1.30 ng/ml m



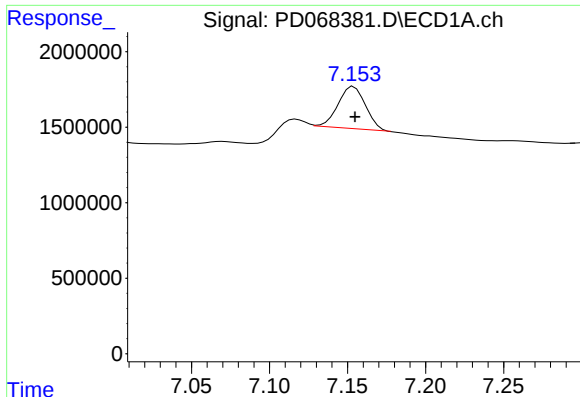
#20 Methoxychlor

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 152615689
Conc: 235.19 ng/ml



#20 Methoxychlor

R.T.: 7.797 min
Delta R.T.: -0.001 min
Response: 728977172
Conc: 209.81 ng/ml



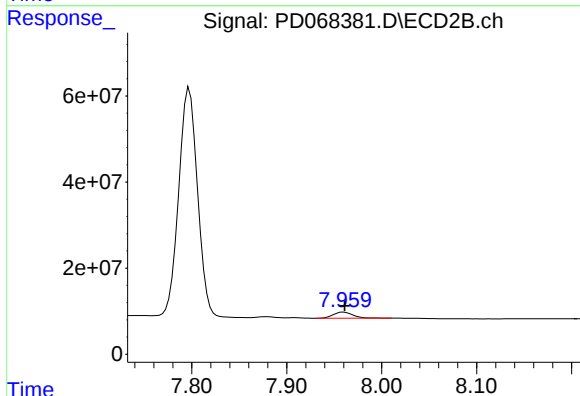
#21 Endrin ketone

R.T.: 7.153 min
Delta R.T.: -0.002 min
Response: 3380384
Conc: 2.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

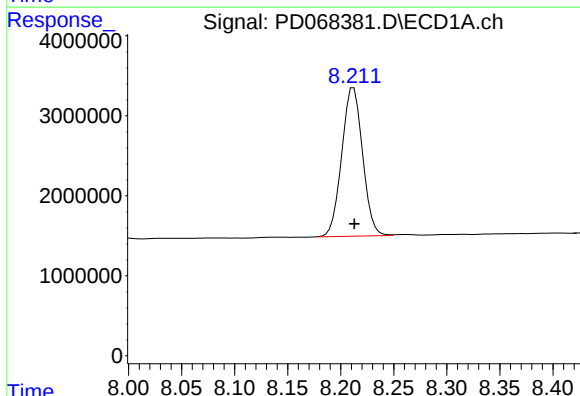
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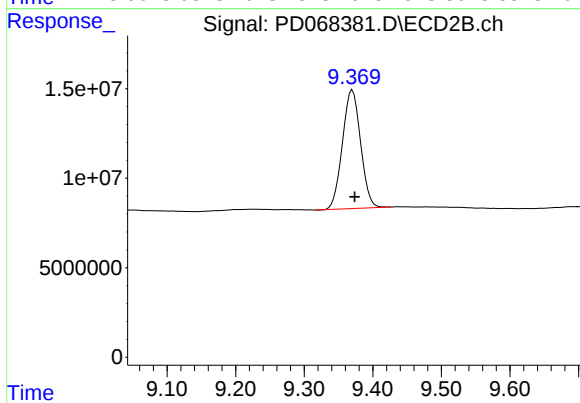
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: -0.001 min
Response: 20534992
Conc: 2.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 25308225
Conc: 21.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.370 min
Delta R.T.: -0.003 min
Response: 121669773
Conc: 20.52 ng/ml