

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030722\
 Data File : PD068350.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2022 09:31
 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 00:43:26 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 x 0.2 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...	3.450	4.176	23619050	186.7E6	20.148	19.451
28)	SA Decachlor...	8.214	9.374	25247998	120.0E6	21.696	20.241
Target Compounds							
2)	A alpha-BHC	3.889	4.572	16817816	136.8E6	9.801	9.972
3)	MA gamma-BHC...	4.173	4.863	15524807	125.2E6	9.749	10.098
6)	B beta-BHC	4.423	5.026	7937470	57578270	11.312m	10.652
12)	B 4,4'-DDE	5.615	6.553	600551	5566231	0.440m	0.569 #
14)	MA Endrin	6.006	6.934	62272271	363.3E6	50.409	47.246
16)	A 4,4'-DDD	6.134	7.044	3488148	25809194	2.941	3.279
17)	MA 4,4'-DDT	6.375	7.347	112.3E6	576.4E6	101.797	81.470
18)	B Endrin al...	6.450	7.260	1511928	7009395	1.650	1.165m#
20)	A Methoxychlor	6.926	7.800	142.9E6	641.5E6	220.241	184.637
21)	B Endrin ke...	7.156	7.963	3035783	18035639	2.062	2.148

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

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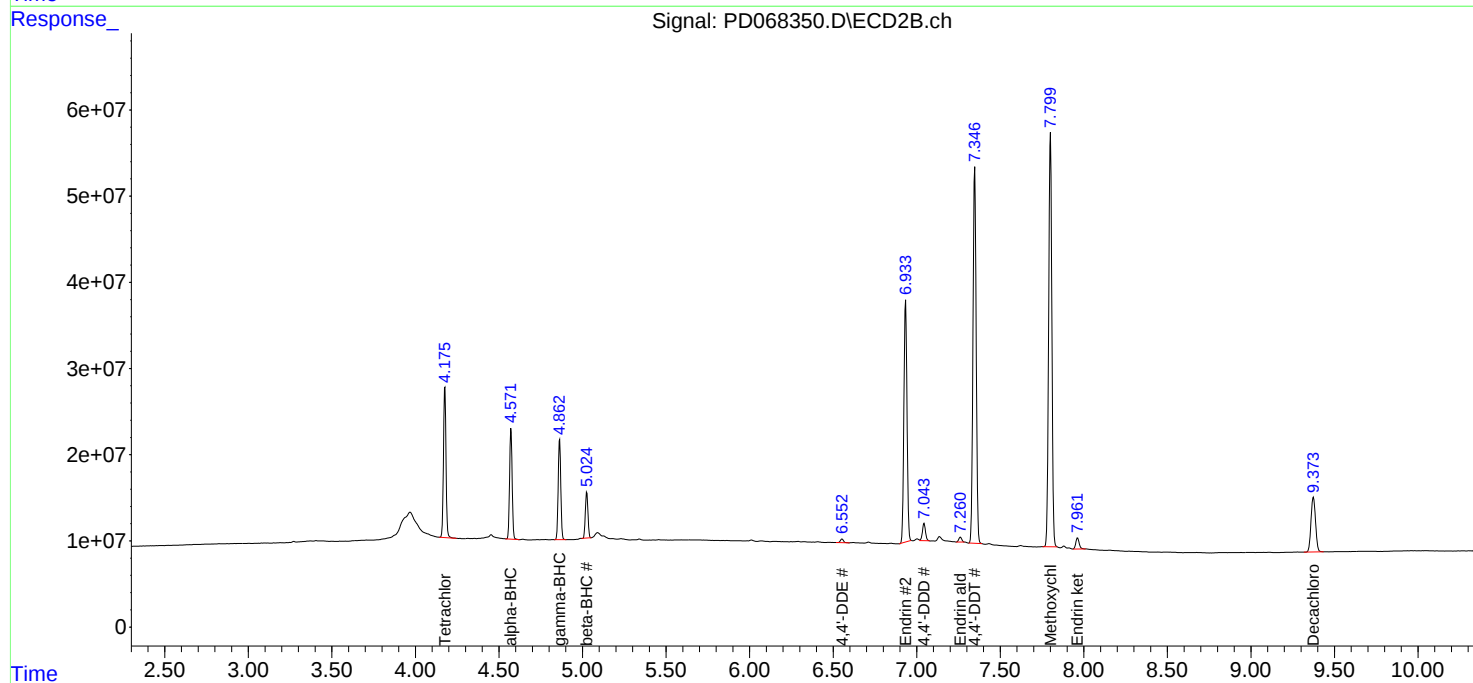
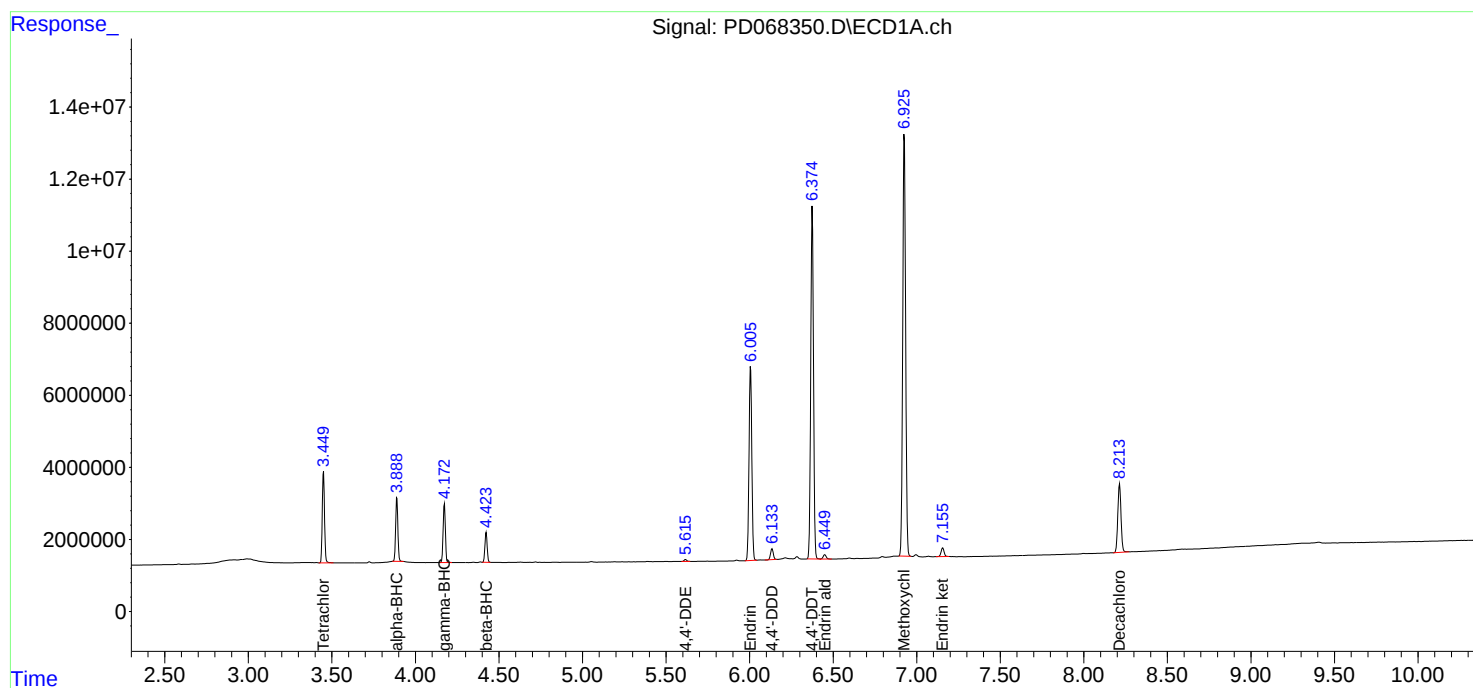
Instrument :
 ECD_D
 ClientSampleId :
 PEM

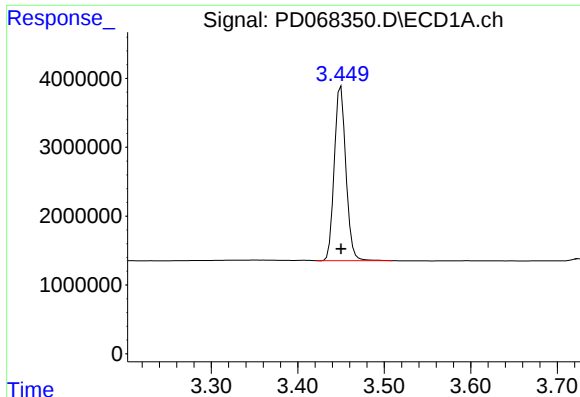
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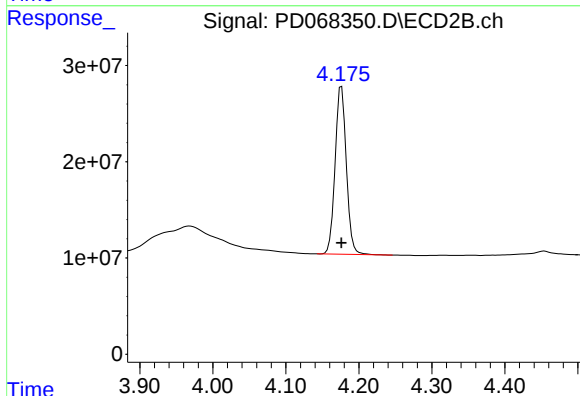
#1 Tetrachloro-m-xylene

R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 23619050
Conc: 20.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

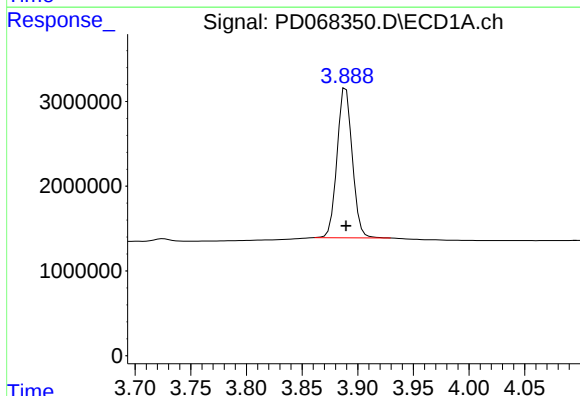
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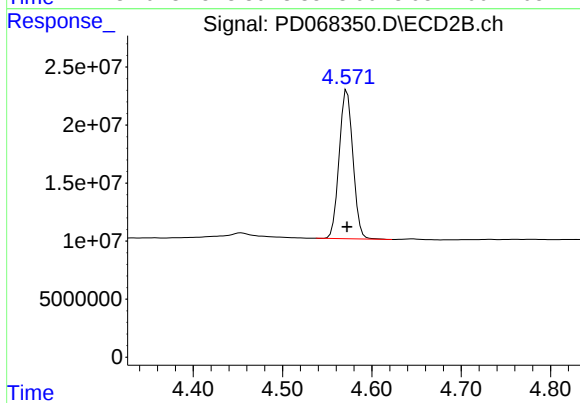
#1 Tetrachloro-m-xylene

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 186689795
Conc: 19.45 ng/ml



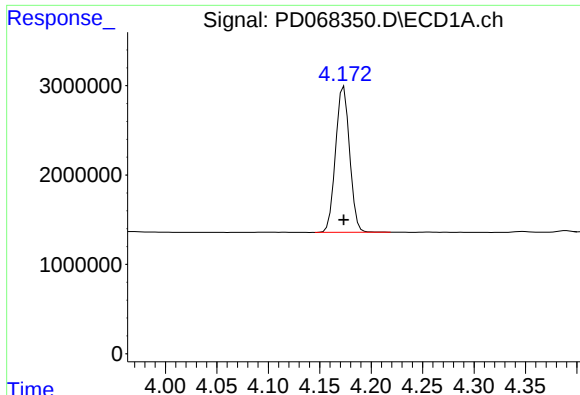
#2 alpha-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 16817816
Conc: 9.80 ng/ml



#2 alpha-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 136827571
Conc: 9.97 ng/ml



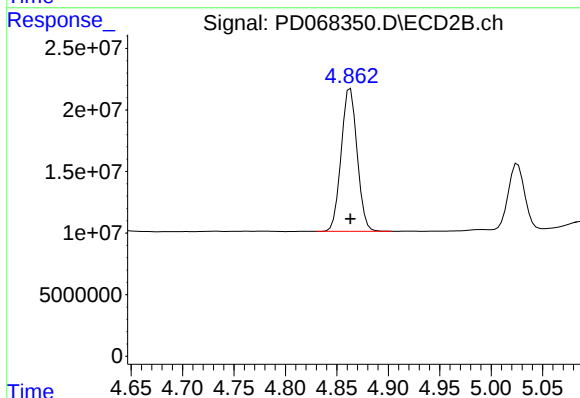
#3 gamma-BHC (Lindane)

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 15524807
Conc: 9.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

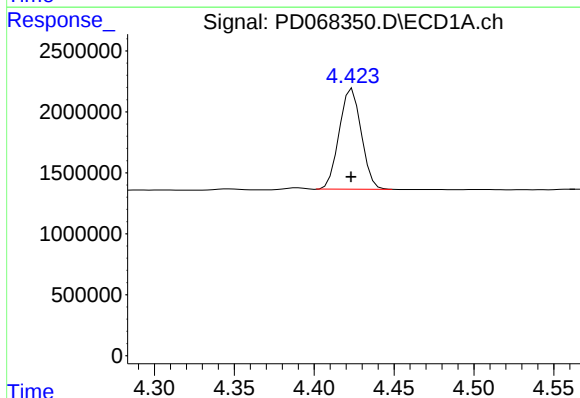
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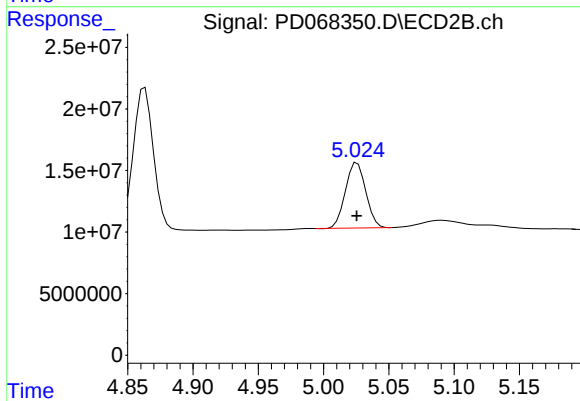
#3 gamma-BHC (Lindane)

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 125208490
Conc: 10.10 ng/ml



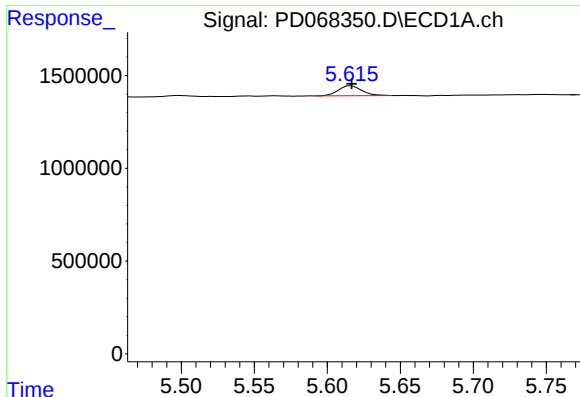
#6 beta-BHC

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 7937470
Conc: 11.31 ng/ml m



#6 beta-BHC

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 57578270
Conc: 10.65 ng/ml



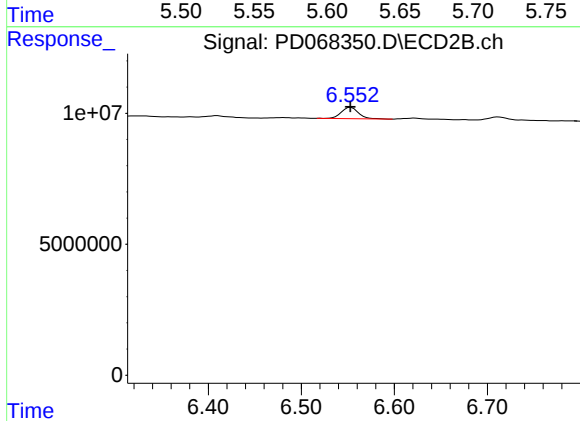
#12 4,4'-DDE

R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 600551
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

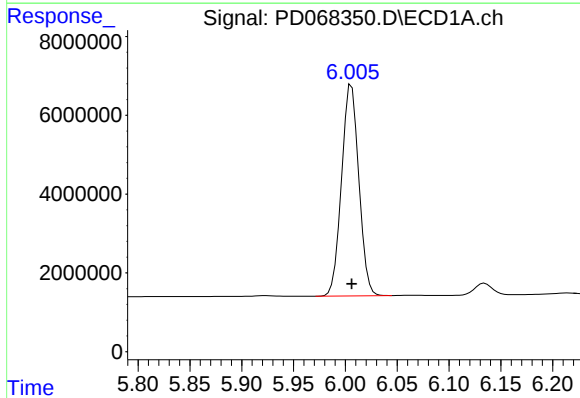
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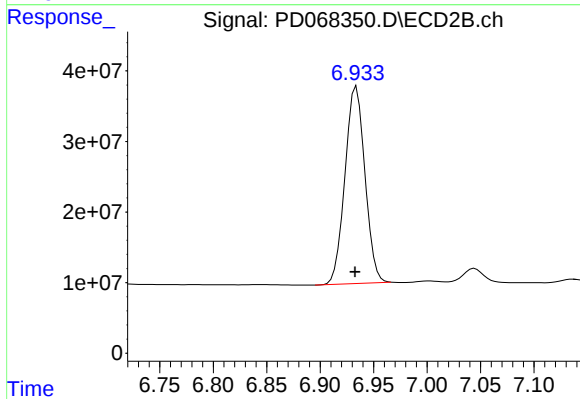
#12 4,4'-DDE

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 5566231
Conc: 0.57 ng/ml



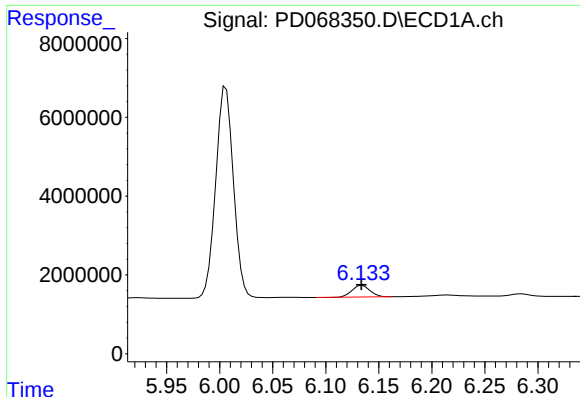
#14 Endrin

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 62272271
Conc: 50.41 ng/ml



#14 Endrin

R.T.: 6.934 min
Delta R.T.: 0.001 min
Response: 363348919
Conc: 47.25 ng/ml



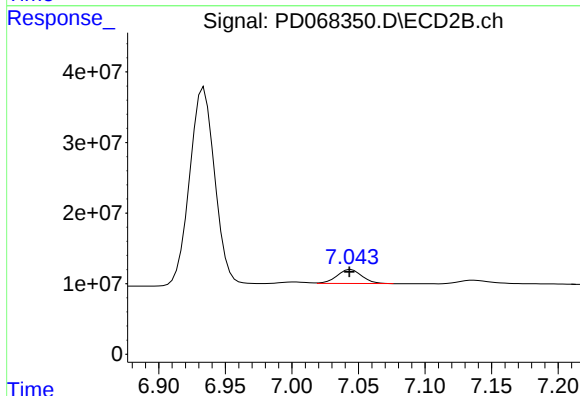
#16 4,4'-DDD

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 3488148
Conc: 2.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

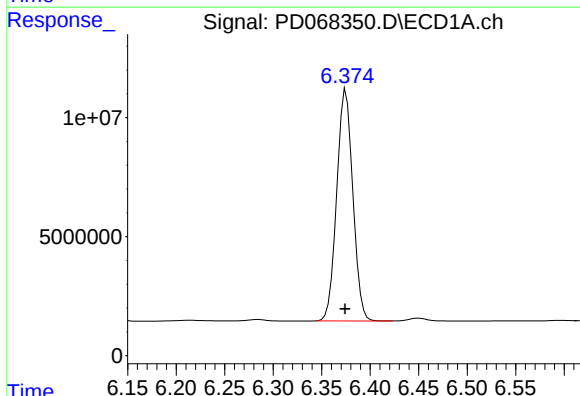
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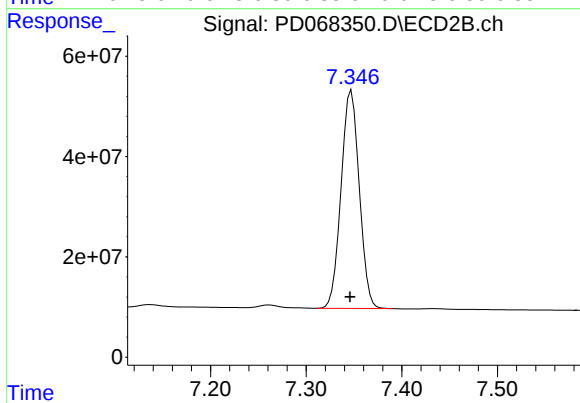
#16 4,4'-DDD

R.T.: 7.044 min
Delta R.T.: 0.001 min
Response: 25809194
Conc: 3.28 ng/ml



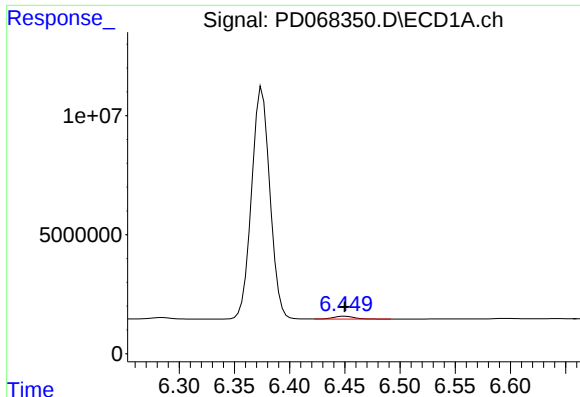
#17 4,4'-DDT

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 112259447
Conc: 101.80 ng/ml



#17 4,4'-DDT

R.T.: 7.347 min
Delta R.T.: 0.001 min
Response: 576437486
Conc: 81.47 ng/ml



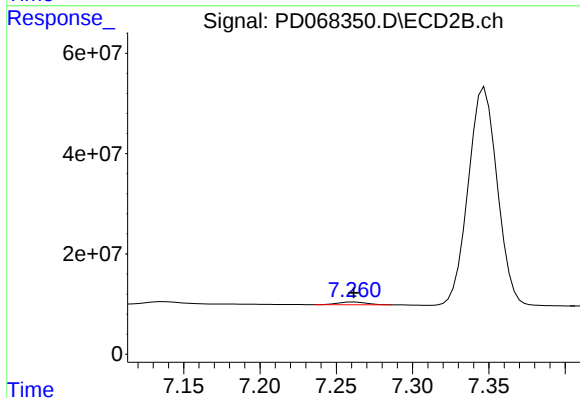
#18 Endrin aldehyde

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 1511928
Conc: 1.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

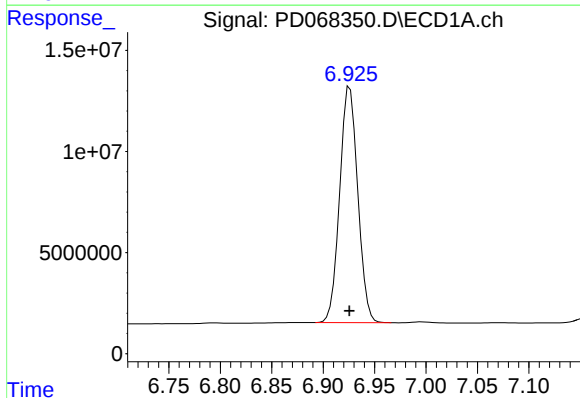
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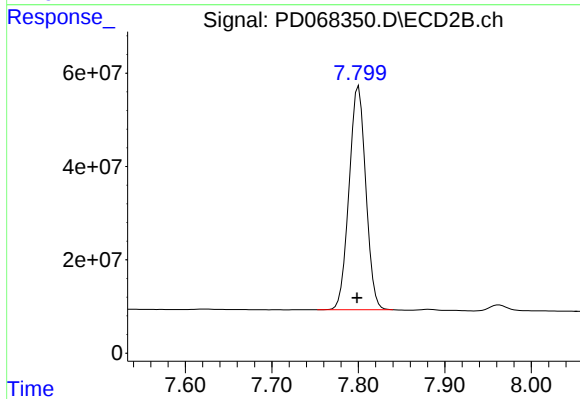
#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: -0.001 min
Response: 7009395
Conc: 1.16 ng/ml m



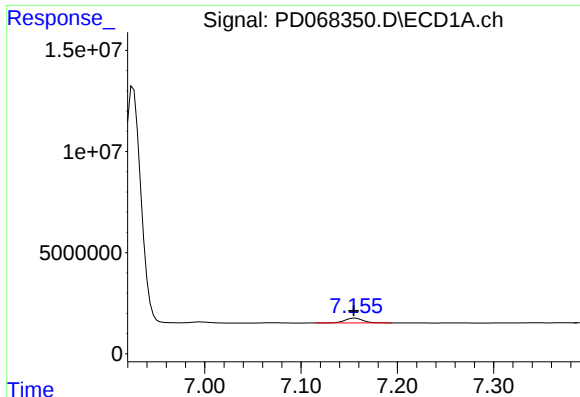
#20 Methoxychlor

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 142914107
Conc: 220.24 ng/ml



#20 Methoxychlor

R.T.: 7.800 min
Delta R.T.: 0.002 min
Response: 641510343
Conc: 184.64 ng/ml



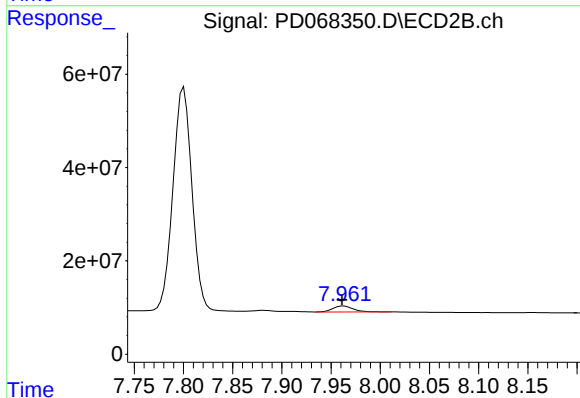
#21 Endrin ketone

R.T.: 7.156 min
Delta R.T.: 0.001 min
Response: 3035783
Conc: 2.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

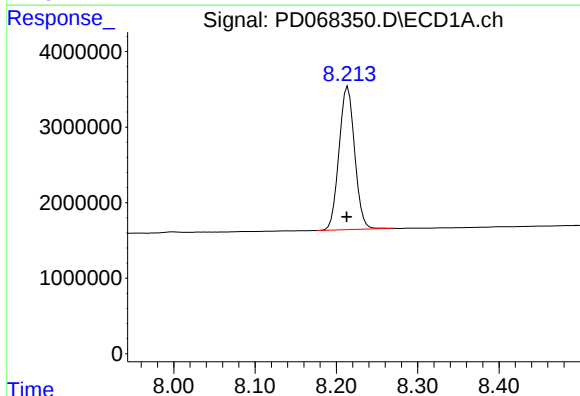
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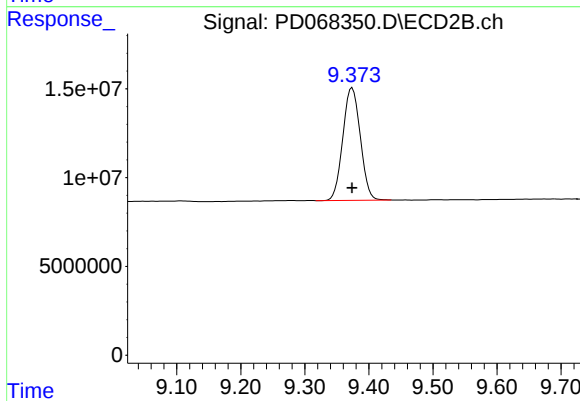
#21 Endrin ketone

R.T.: 7.963 min
Delta R.T.: 0.001 min
Response: 18035639
Conc: 2.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.214 min
Delta R.T.: 0.001 min
Response: 25247998
Conc: 21.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 120001728
Conc: 20.24 ng/ml