

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102921\
 Data File : PD066617.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2021 17:54
 Operator : AJ\MA
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/29/2021
 Supervised By : mohammad ahmed 10/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 02:04:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 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...	3.439	3.969	38053576	171.5E6	20.395	21.189
28)	SA Decachlor...	8.165	9.023	24675467	117.7E6	21.356	21.844
Target Compounds							
2)	A alpha-BHC	3.876	4.362	29728194	120.8E6	9.724	10.946
3)	MA gamma-BHC...	4.158	4.647	30577521	108.6E6	10.125	10.898
6)	B beta-BHC	4.407	4.824	15297306	54448635	12.246	11.693
12)	B 4,4'-DDE	5.583	6.305	670149	2741273	0.288m	0.348
14)	MA Endrin	5.973	6.673	100.5E6	321.8E6	48.000	46.751
16)	A 4,4'-DDD	6.098	6.799	3479000	13393617	1.856	1.971
17)	MA 4,4'-DDT	6.337	7.095	193.3E6	634.2E6	100.481	87.433
18)	B Endrin al...	6.414	7.011	4303125	10263965	2.784	1.804 #
20)	A Methoxychlor	6.885	7.557	228.0E6	805.5E6	220.788	197.726
21)	B Endrin ke...	7.116	7.707	8587546	25836929	3.936	3.072

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

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ALS Vial : 3 Sample Multiplier: 1

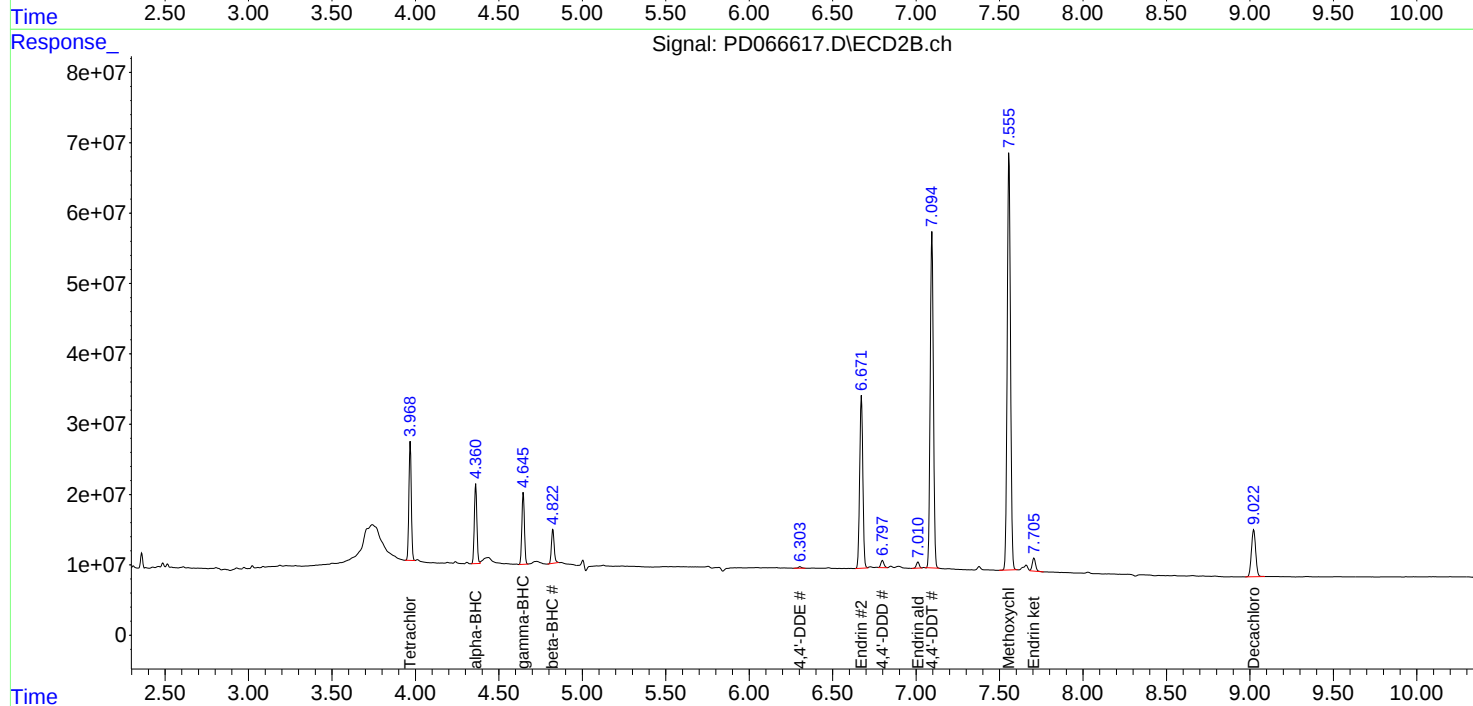
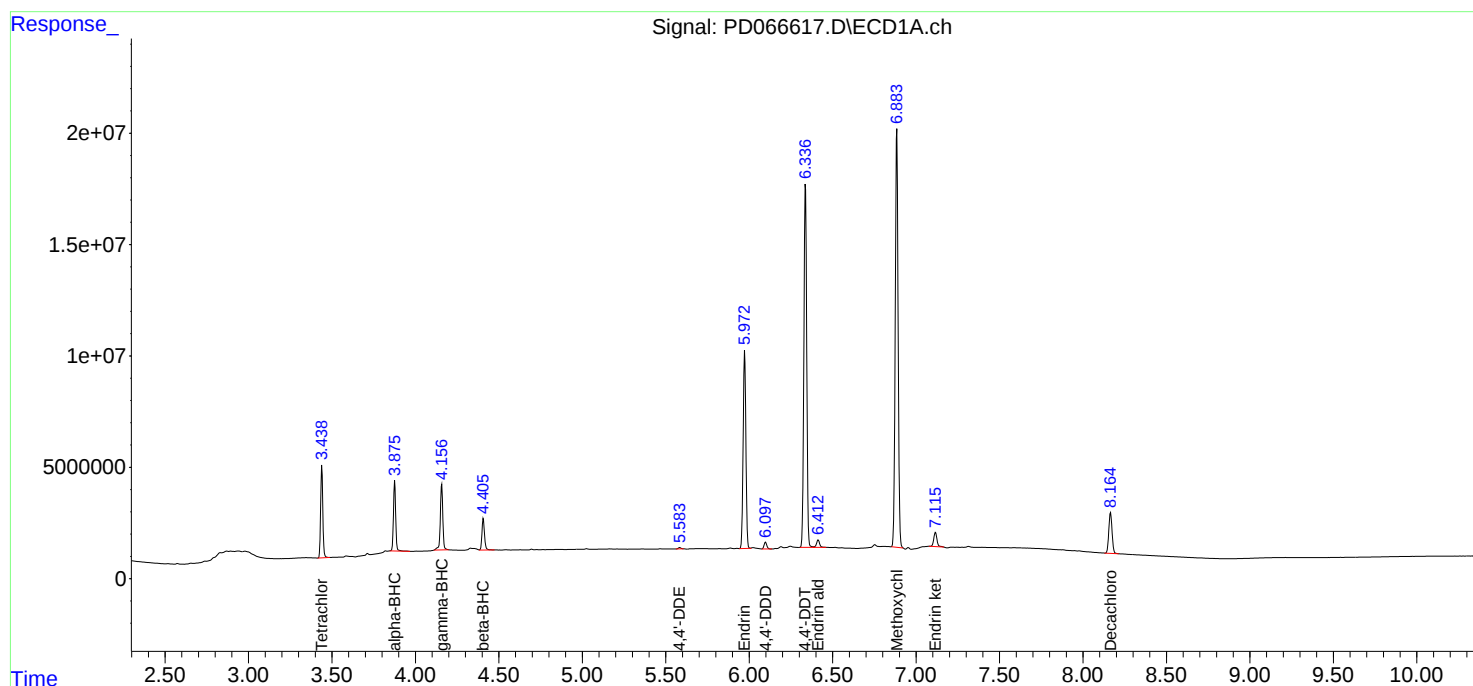
Instrument :
ECD_D
ClientSampleId :
PEM

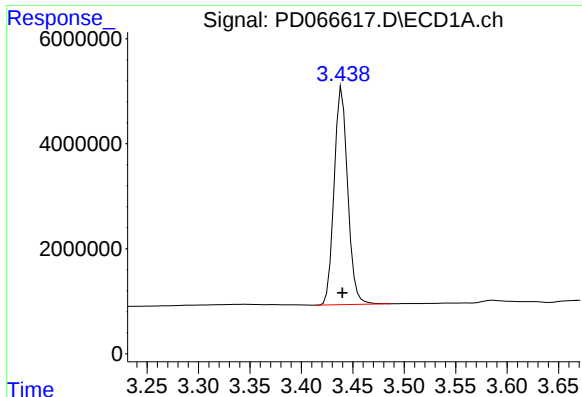
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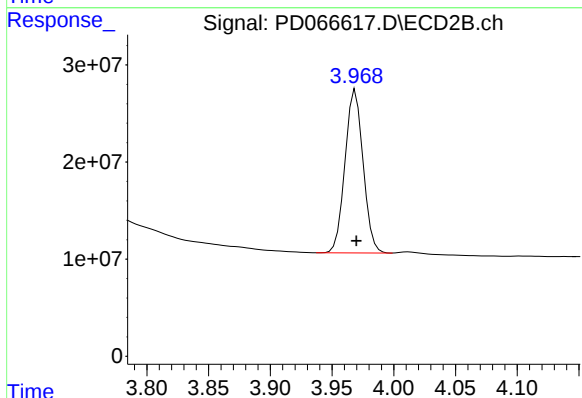
#1 Tetrachloro-m-xylene

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 38053576
Conc: 20.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

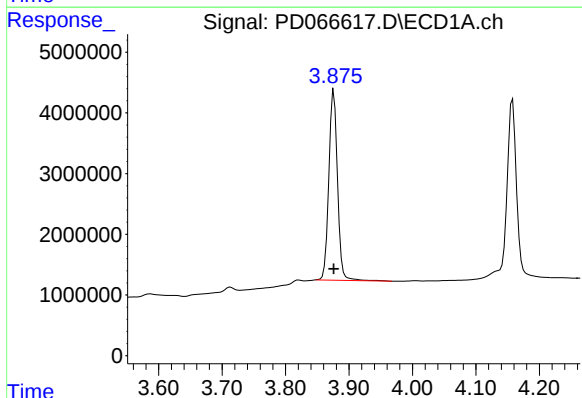
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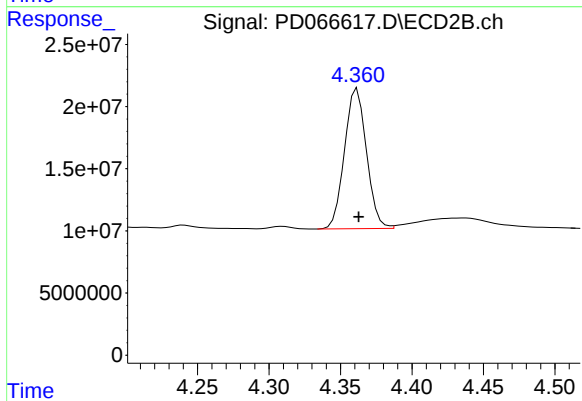
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 171462779
Conc: 21.19 ng/ml



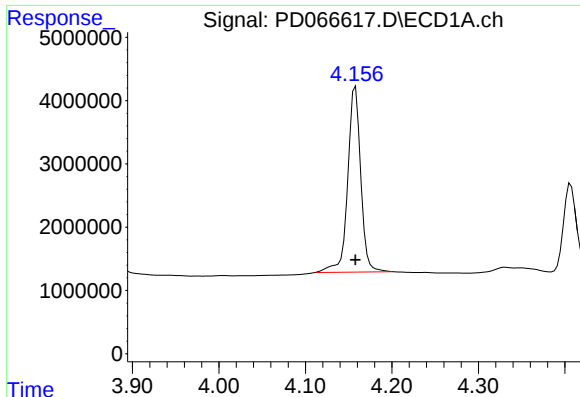
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 29728194
Conc: 9.72 ng/ml



#2 alpha-BHC

R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 120765747
Conc: 10.95 ng/ml



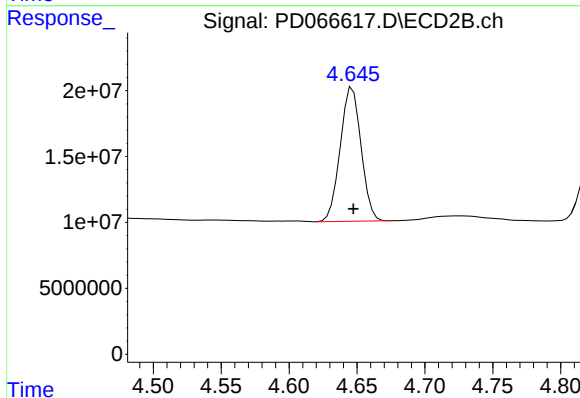
#3 gamma-BHC (Lindane)

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 30577521
Conc: 10.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

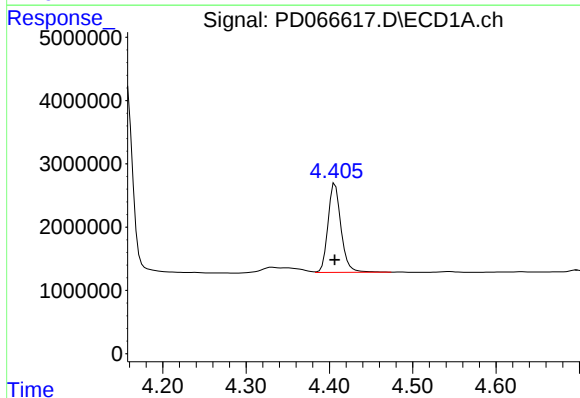
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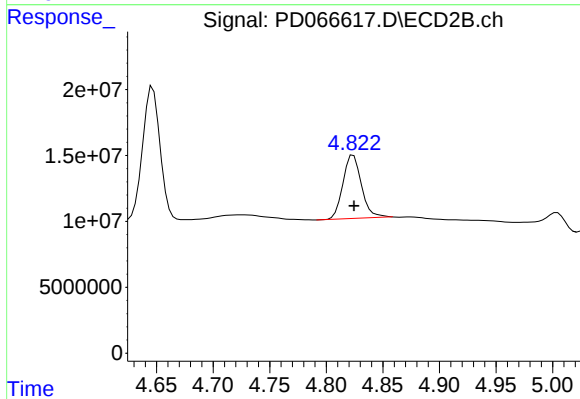
#3 gamma-BHC (Lindane)

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 108599086
Conc: 10.90 ng/ml



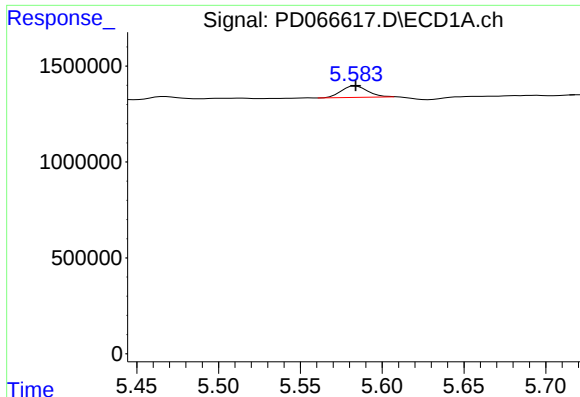
#6 beta-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 15297306
Conc: 12.25 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 54448635
Conc: 11.69 ng/ml



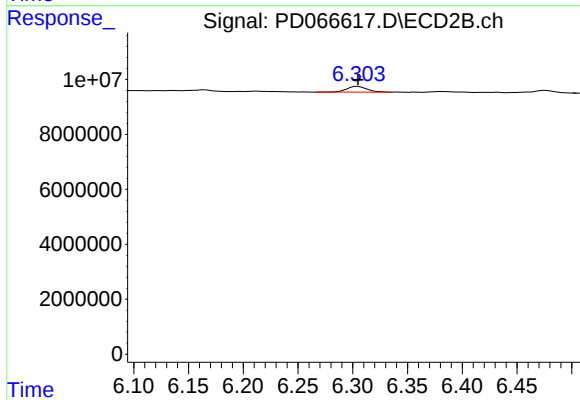
#12 4,4'-DDE

R.T.: 5.583 min
Delta R.T.: -0.001 min
Response: 670149
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

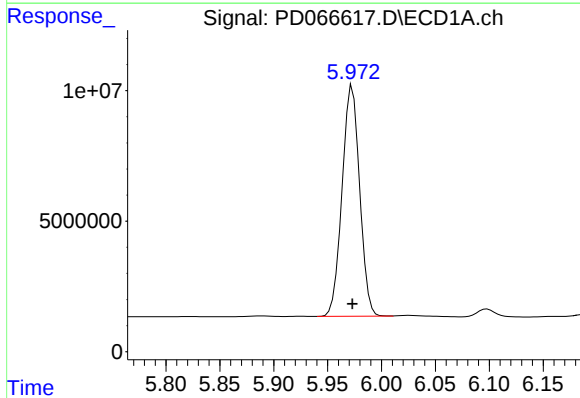
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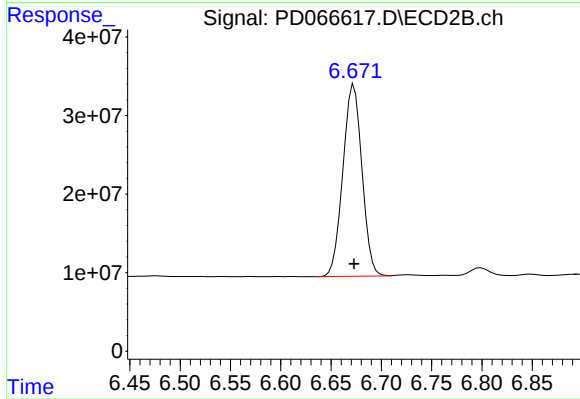
#12 4,4'-DDE

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 2741273
Conc: 0.35 ng/ml



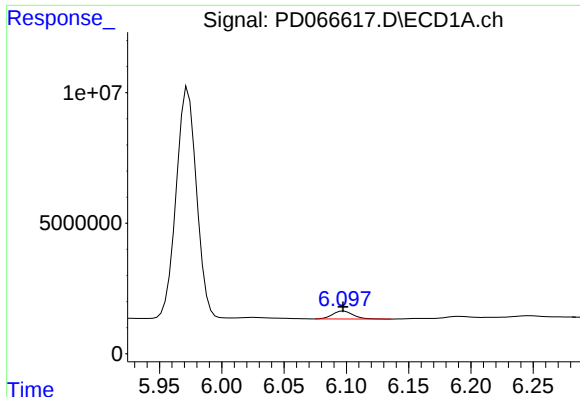
#14 Endrin

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 100455902
Conc: 48.00 ng/ml



#14 Endrin

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 321768985
Conc: 46.75 ng/ml



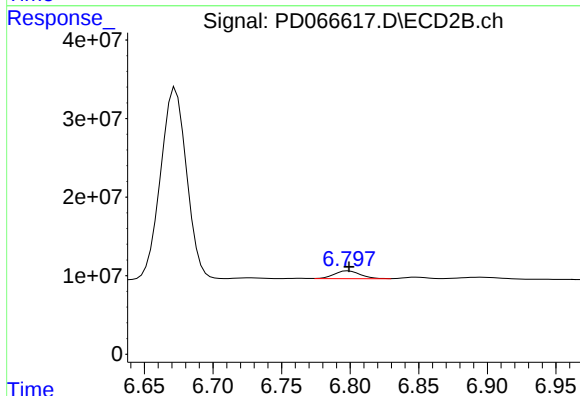
#16 4,4'-DDD

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 3479000
Conc: 1.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

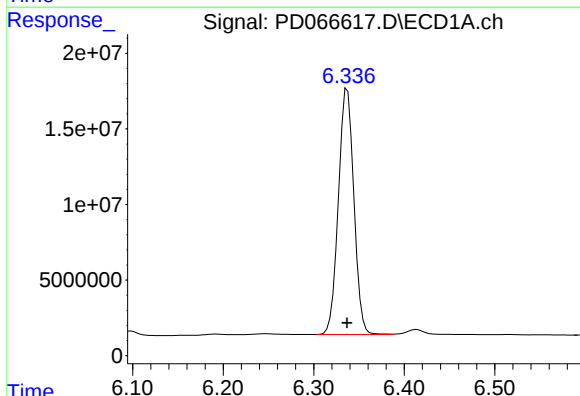
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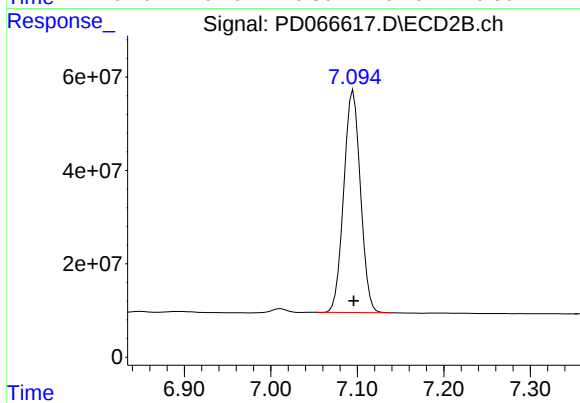
#16 4,4'-DDD

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 13393617
Conc: 1.97 ng/ml



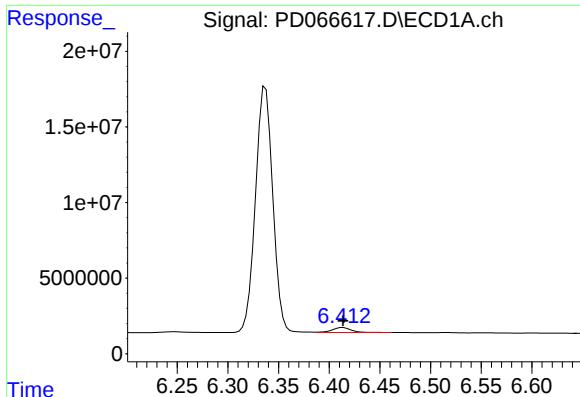
#17 4,4'-DDT

R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 193271076
Conc: 100.48 ng/ml



#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 634151894
Conc: 87.43 ng/ml



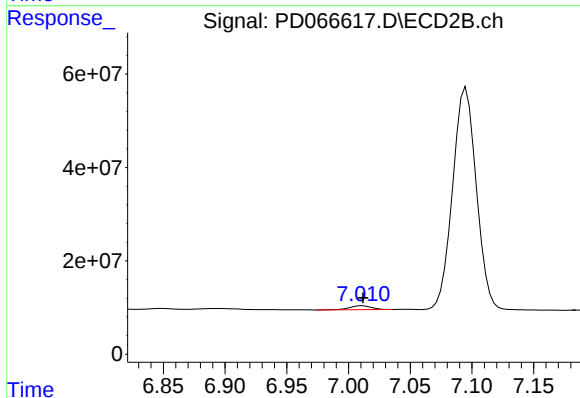
#18 Endrin aldehyde

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 4303125
Conc: 2.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

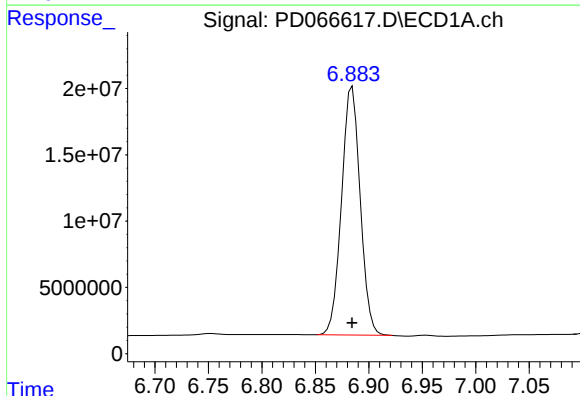
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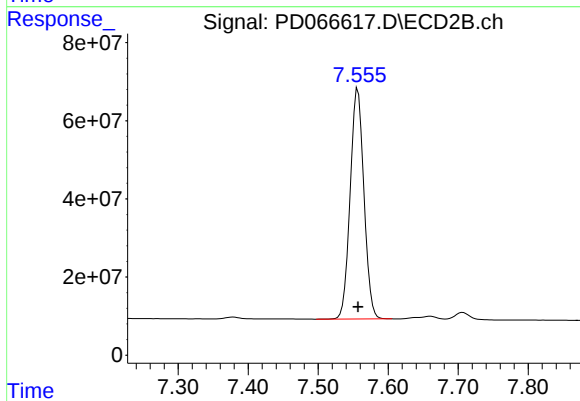
#18 Endrin aldehyde

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 10263965
Conc: 1.80 ng/ml



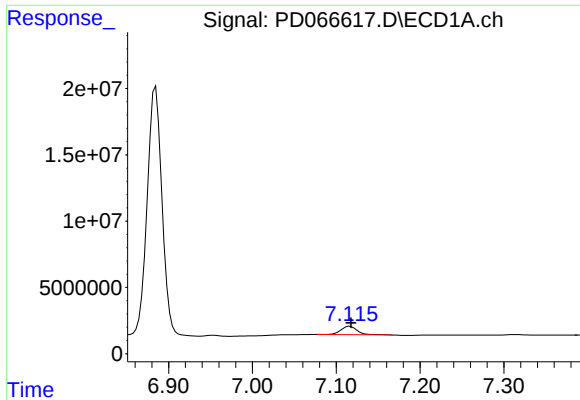
#20 Methoxychlor

R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 228007015
Conc: 220.79 ng/ml



#20 Methoxychlor

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 805490065
Conc: 197.73 ng/ml



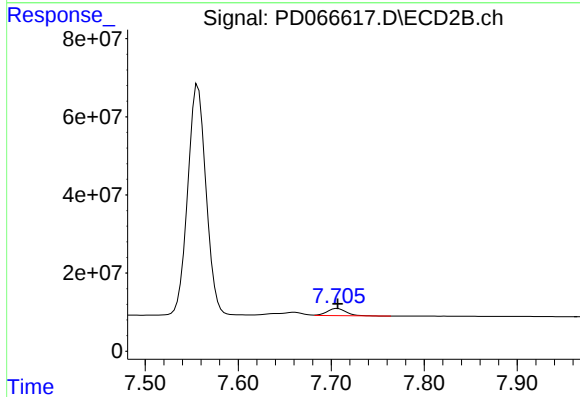
#21 Endrin ketone

R.T.: 7.116 min
Delta R.T.: -0.001 min
Response: 8587546
Conc: 3.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

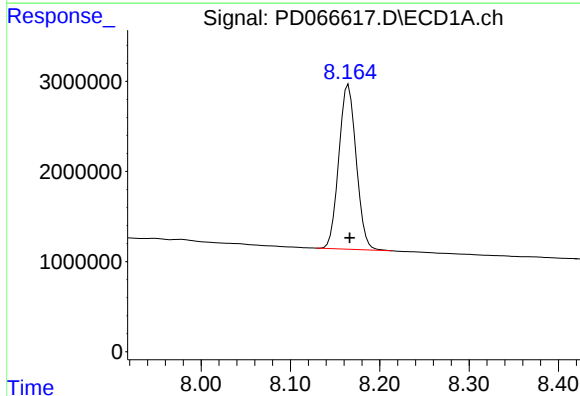
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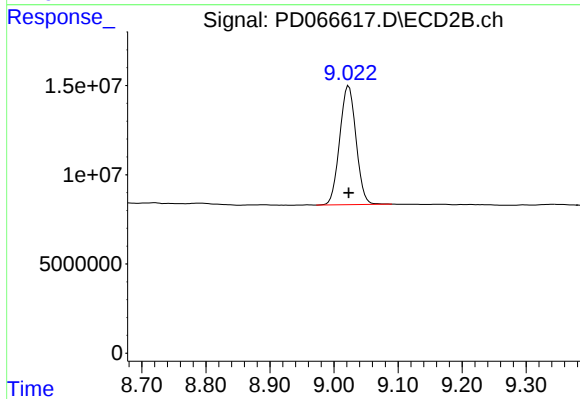
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 25836929
Conc: 3.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.165 min
Delta R.T.: -0.001 min
Response: 24675467
Conc: 21.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 117662827
Conc: 21.84 ng/ml