

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
 Data File : PD082772.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2024 08:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 21:48:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.566	2.776	34620204	88697853	22.362	22.380
28)	SA Decachlor...	9.123	7.906	44150714	86349416	22.109	22.339
Target Compounds							
2)	A alpha-BHC	4.023	3.276	28263901	67410635	10.318	10.806
3)	MA gamma-BHC...	4.357	3.604	27064731	60897971	10.239	10.304
6)	B beta-BHC	4.553	3.900	12103193	28182307	11.556	11.801
14)	MA Endrin	6.616	5.633	96438899	225.4E6	51.256	51.541
16)	A 4,4'-DDD	6.748	5.780	464510	1253537	0.290m	0.333m
17)	MA 4,4'-DDT	7.064	6.030	187.1E6	440.7E6	110.806	114.937
18)	B Endrin al...	6.965	6.106	1982957	6495361	1.416	2.081 #
20)	A Methoxychlor	7.540	6.605	233.4E6	495.4E6	254.602	243.824
21)	B Endrin ke...	7.688	6.833	4244118	10566170	2.208	2.324

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

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Acq On : 14 May 2024 08:39
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

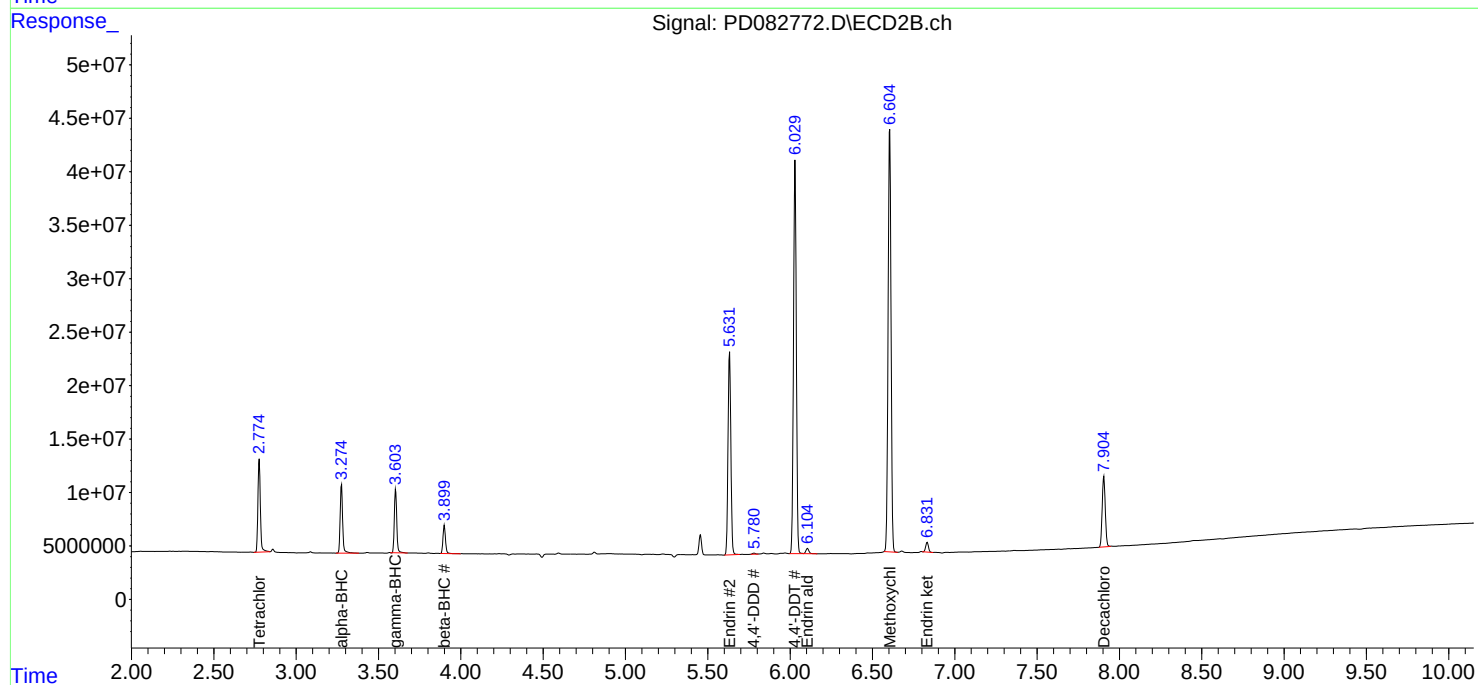
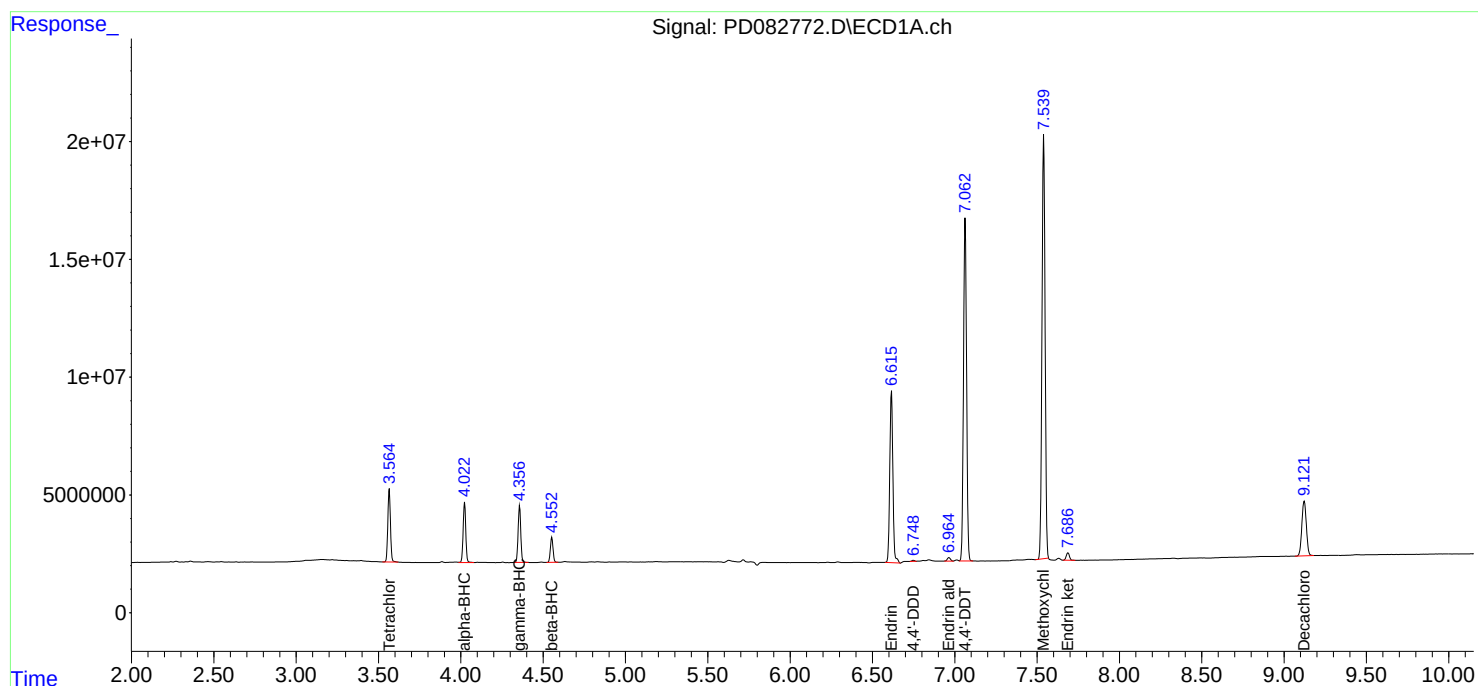
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ECD_D
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PEM

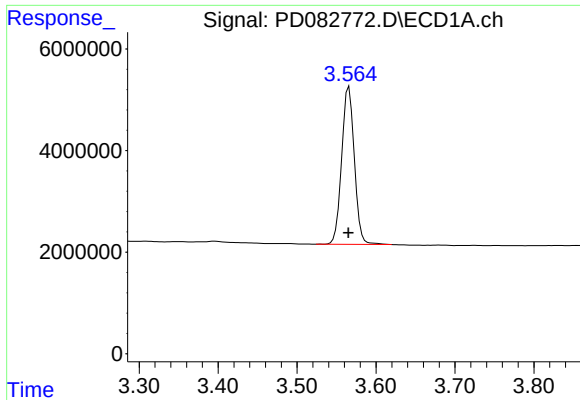
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Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
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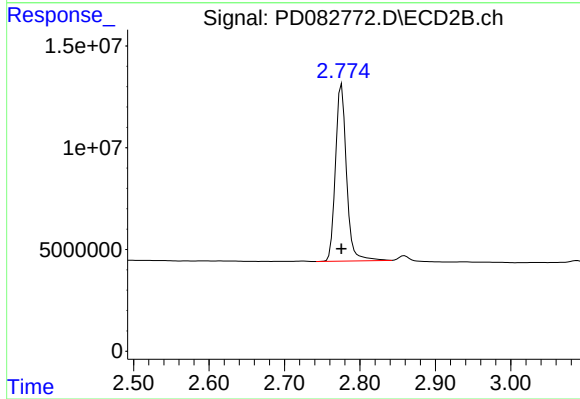
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 34620204
Conc: 22.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

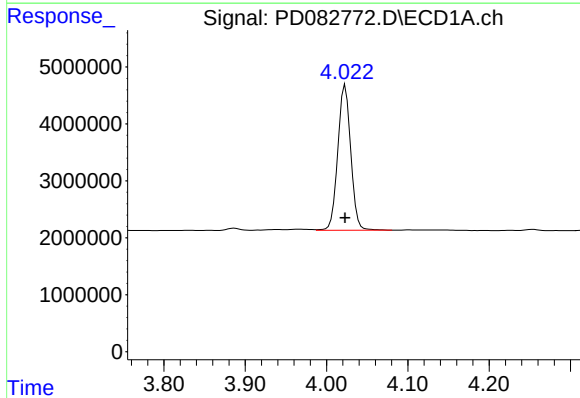
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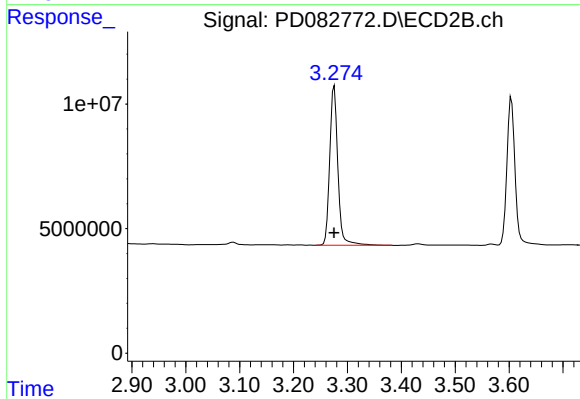
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 88697853
Conc: 22.38 ng/ml



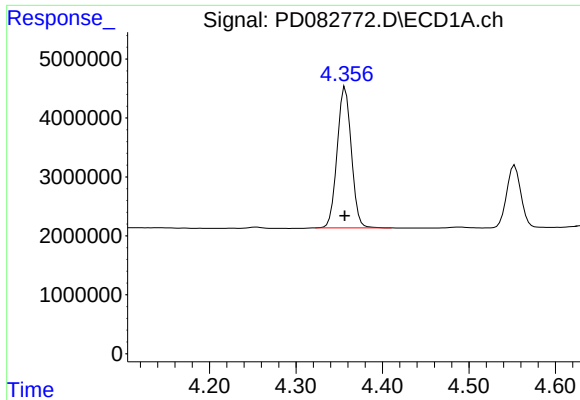
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 28263901
Conc: 10.32 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 67410635
Conc: 10.81 ng/ml



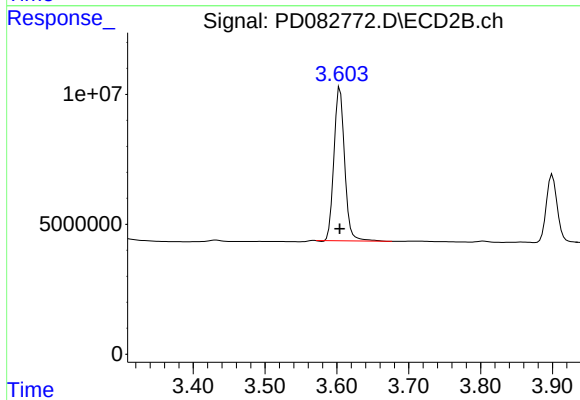
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 27064731
Conc: 10.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

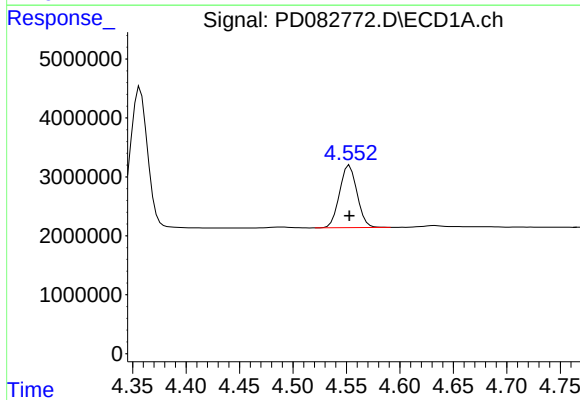
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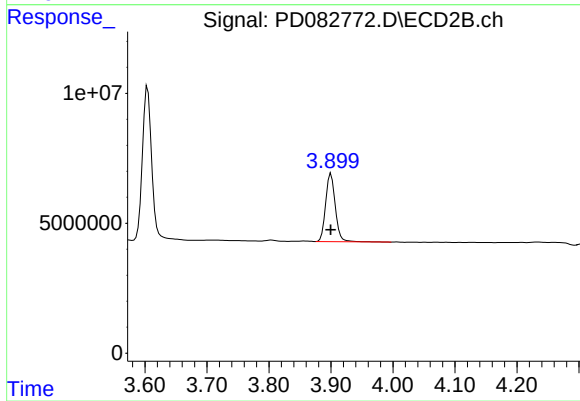
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 60897971
Conc: 10.30 ng/ml



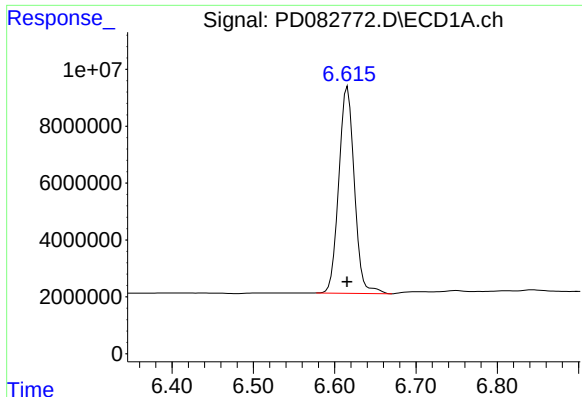
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 12103193
Conc: 11.56 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 28182307
Conc: 11.80 ng/ml



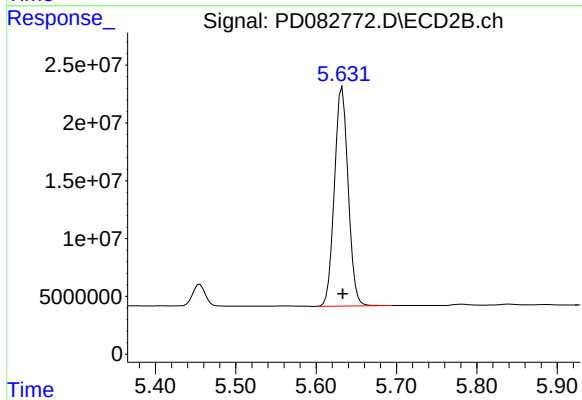
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 96438899
Conc: 51.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

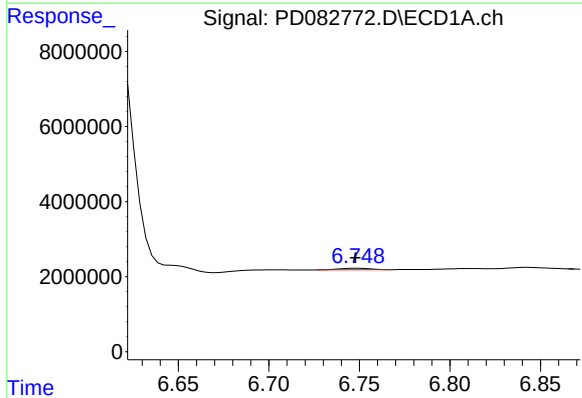
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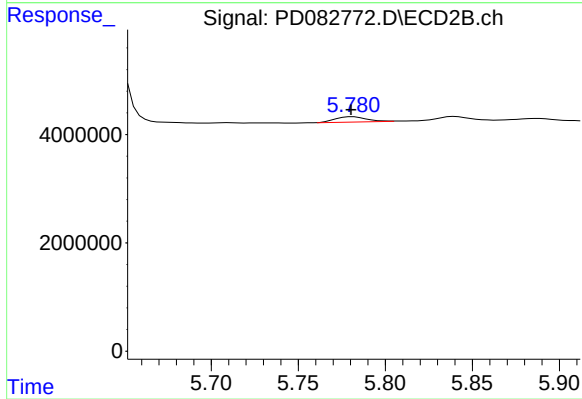
#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 225377267
Conc: 51.54 ng/ml



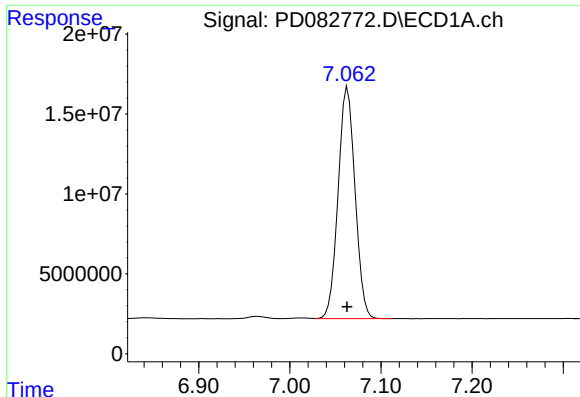
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 464510
Conc: 0.29 ng/ml m



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 1253537
Conc: 0.33 ng/ml m



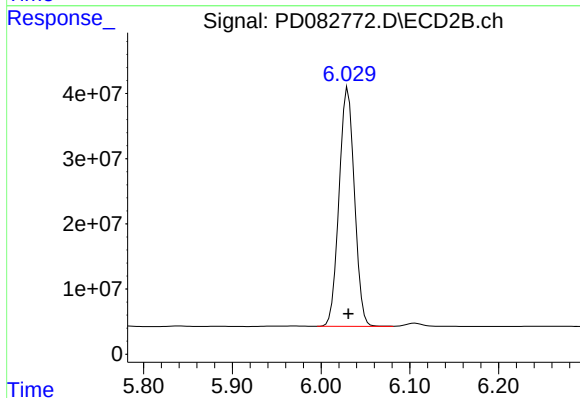
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 187050322
Conc: 110.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

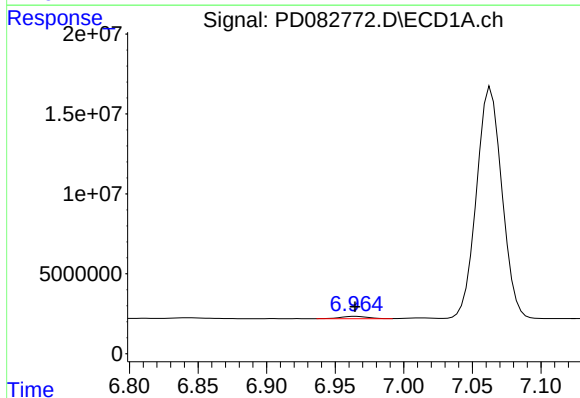
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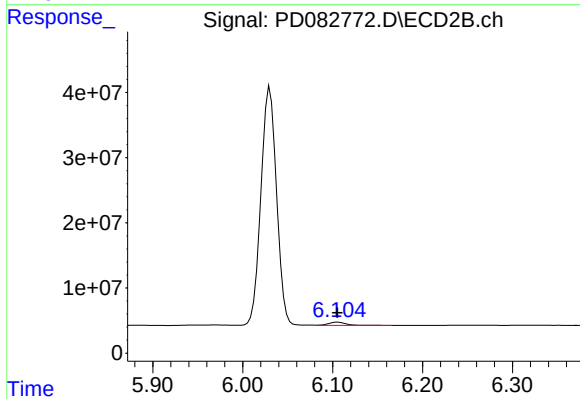
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 440745725
Conc: 114.94 ng/ml



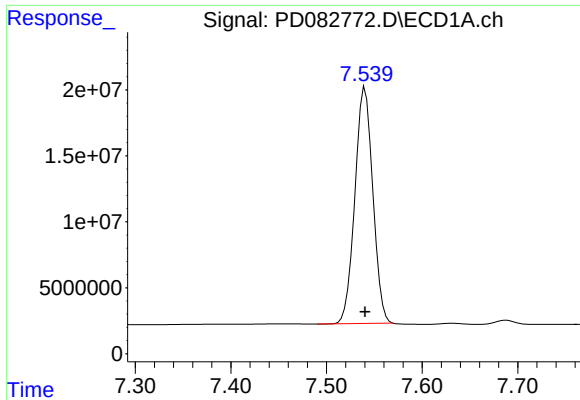
#18 Endrin aldehyde

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 1982957
Conc: 1.42 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 6495361
Conc: 2.08 ng/ml



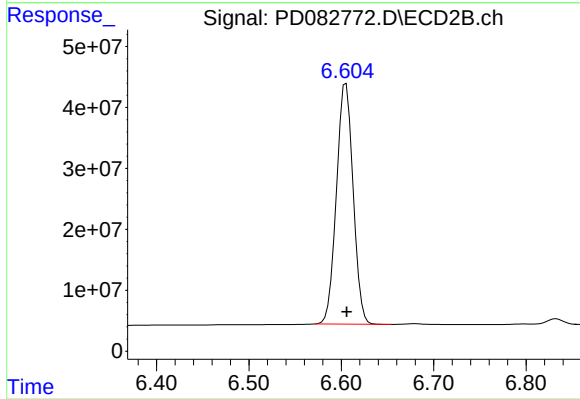
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 233382658
Conc: 254.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

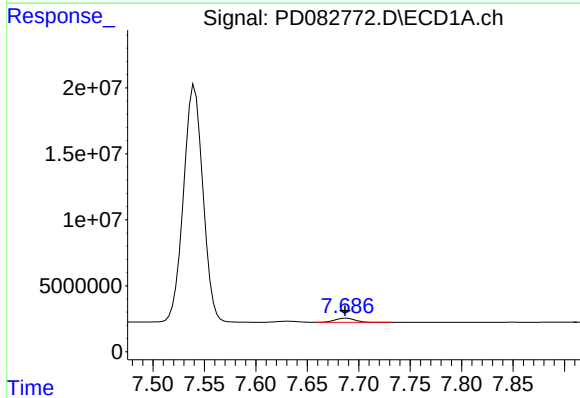
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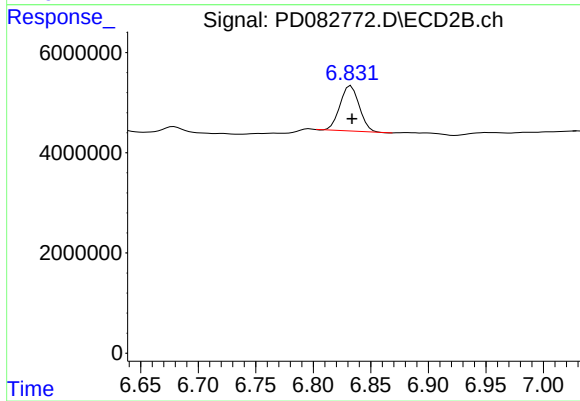
#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 495437569
Conc: 243.82 ng/ml



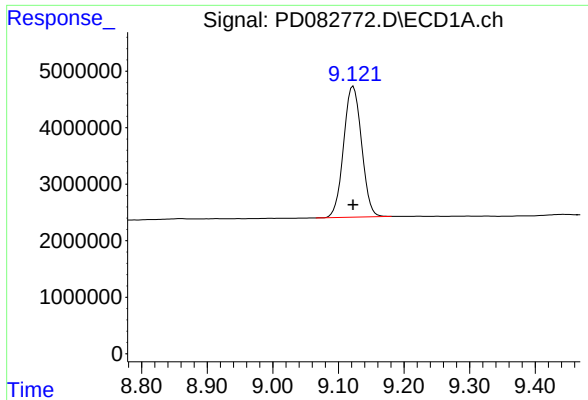
#21 Endrin ketone

R.T.: 7.688 min
Delta R.T.: 0.001 min
Response: 4244118
Conc: 2.21 ng/ml



#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 10566170
Conc: 2.32 ng/ml



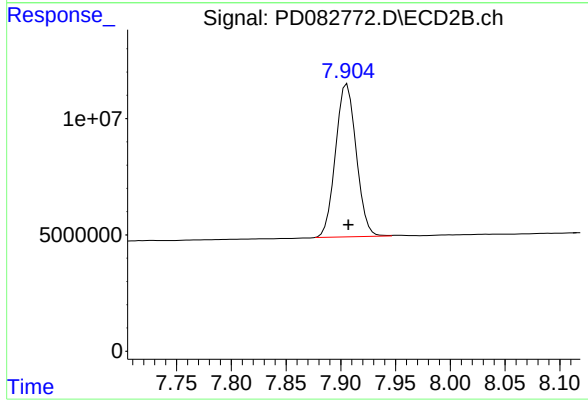
#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: 0.000 min
Response: 44150714
Conc: 22.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.001 min
Response: 86349416
Conc: 22.34 ng/ml