

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103024\
 Data File : PD086256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2024 12:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/01/2024
 Supervised By : Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 13:17:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 11:38:14 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 x 0.5 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...	3.561	2.889	28572961	201.1E6	19.561	20.331
2) SA Decachlor...	9.094	8.097	38632372	220.0E6	20.151	20.533
Target Compounds						
2) A alpha-BHC	4.012	3.403	25635708	160.4E6	8.946	10.570
3) MA gamma-BHC...	4.344	3.740	25974410	150.7E6	9.066	10.305
6) B beta-BHC	4.527	4.035	11526277	70397045	10.083	11.041
14) MA Endrin	6.591	5.806	96180210	545.5E6	44.621	44.461
16) A 4,4'-DDD	6.718	5.947	555916	2484039	0.308m	0.226m#
17) MA 4,4'-DDT	7.037	6.203	190.0E6	1024.6E6	103.792	88.349
18) B Endrin al...	6.930	6.276	1953369	16837182	1.181	1.796 #
20) A Methoxychlor	7.508	6.776	256.0E6	1182.9E6	236.683	187.203
21) B Endrin ke...	7.645	7.008	3868309	28436020	1.705	2.236m#

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

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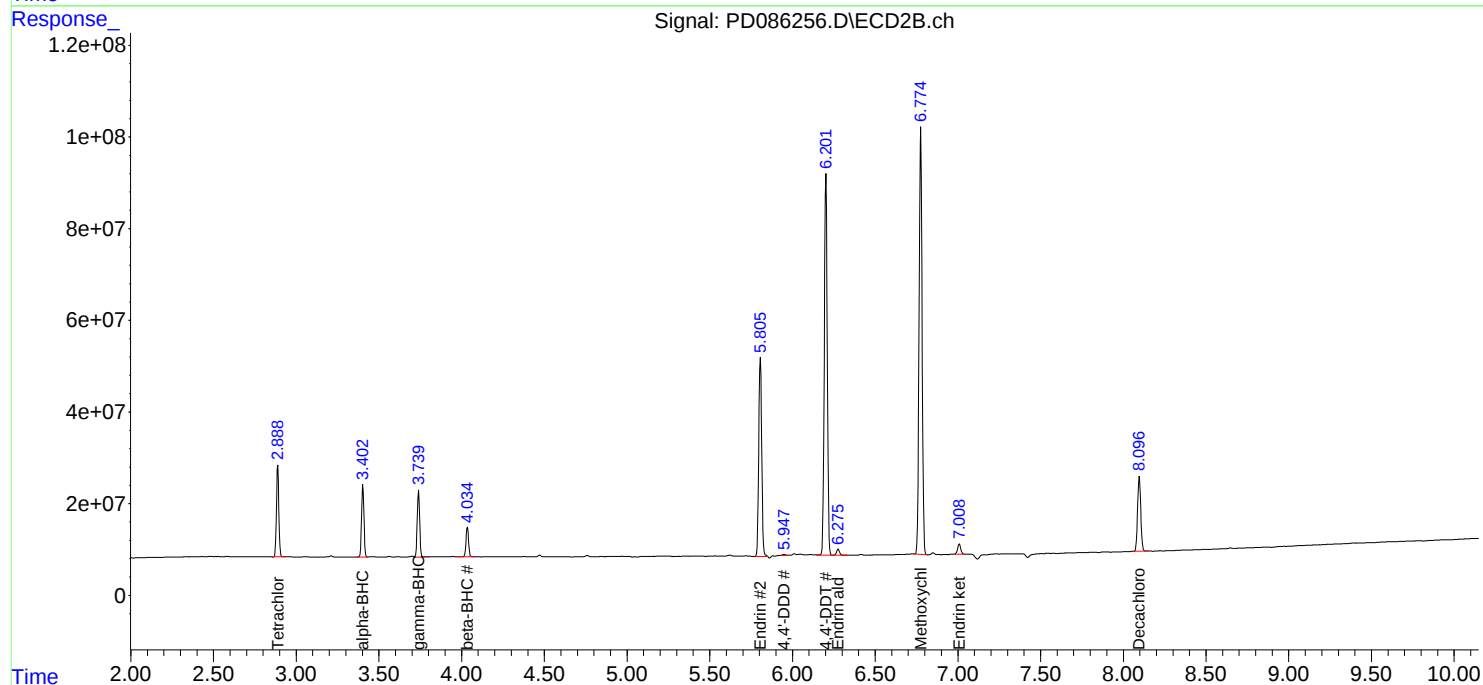
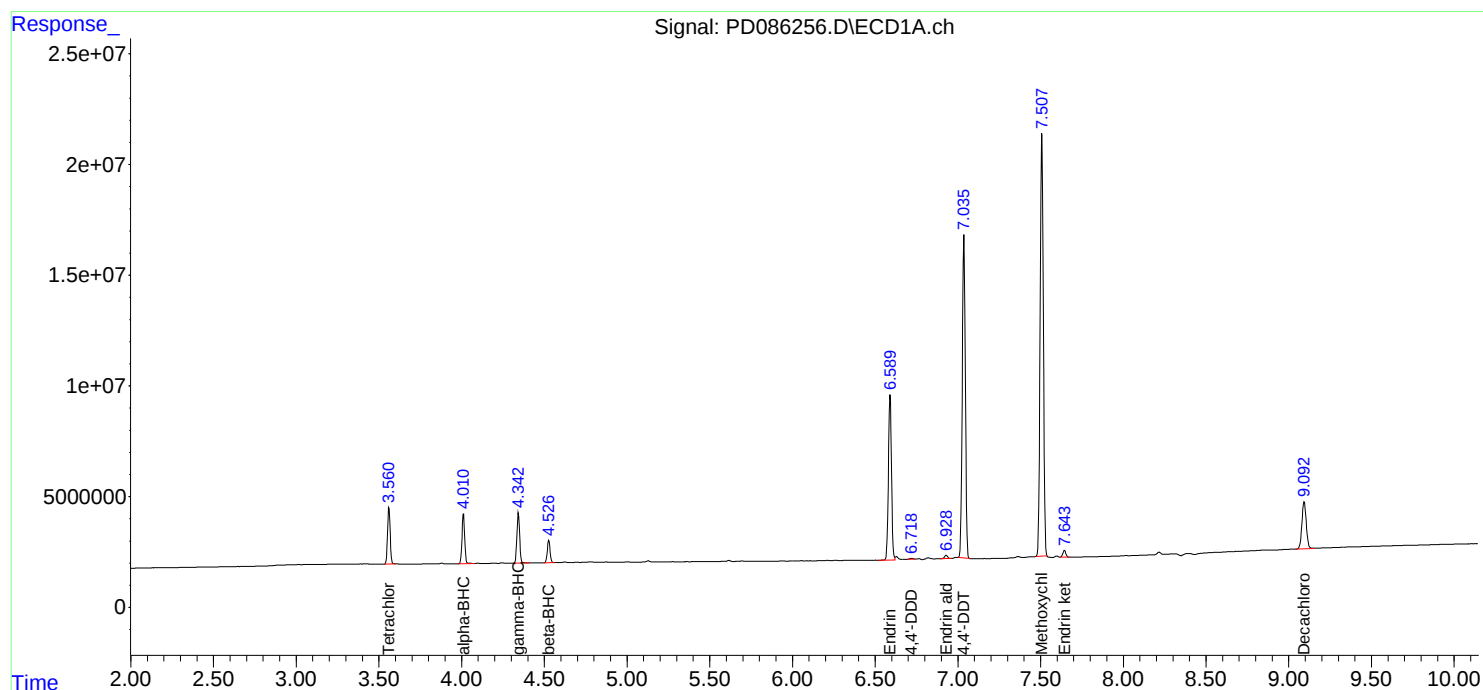
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ClientSampleId :
PEM

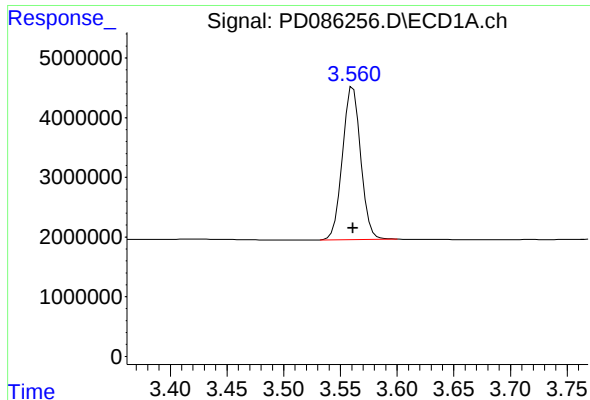
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Integration File signal 2: autoint2.e
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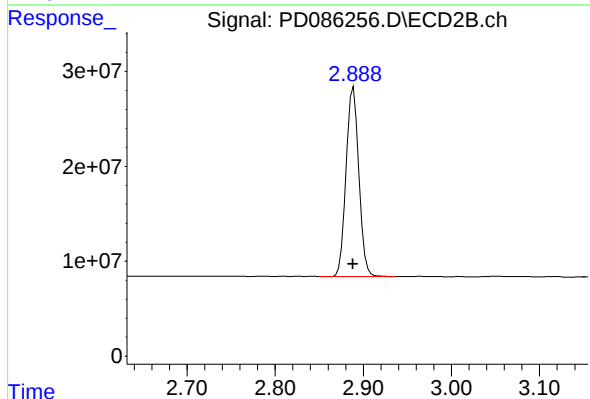
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 28572961
Conc: 19.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

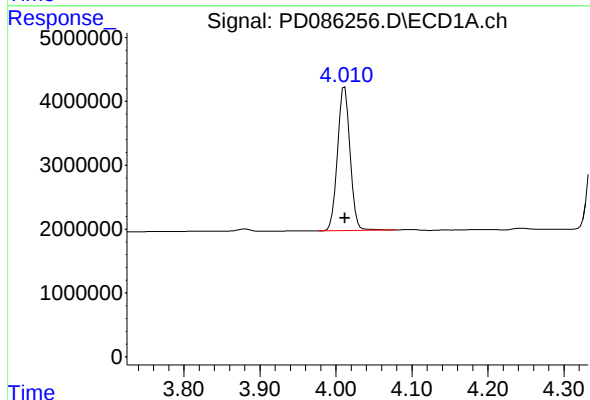
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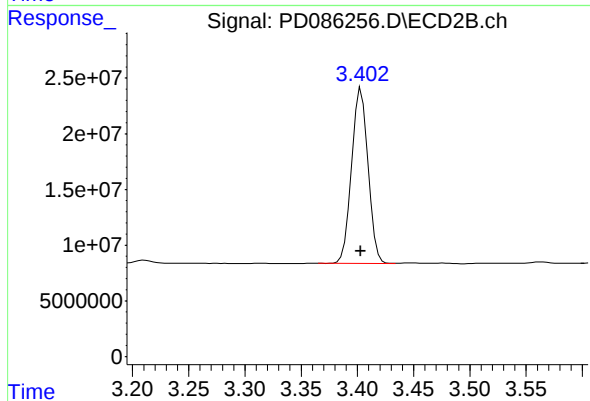
#1 Tetrachloro-m-xylene

R.T.: 2.889 min
Delta R.T.: 0.000 min
Response: 201061378
Conc: 20.33 ng/ml



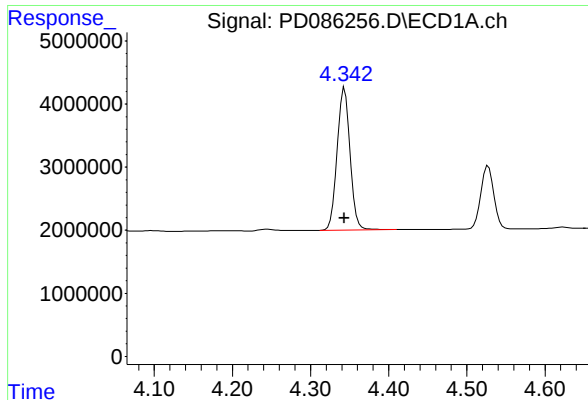
#2 alpha-BHC

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 25635708
Conc: 8.95 ng/ml



#2 alpha-BHC

R.T.: 3.403 min
Delta R.T.: 0.000 min
Response: 160409514
Conc: 10.57 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 25974410
Conc: 9.07 ng/ml

Instrument :

ECD_D

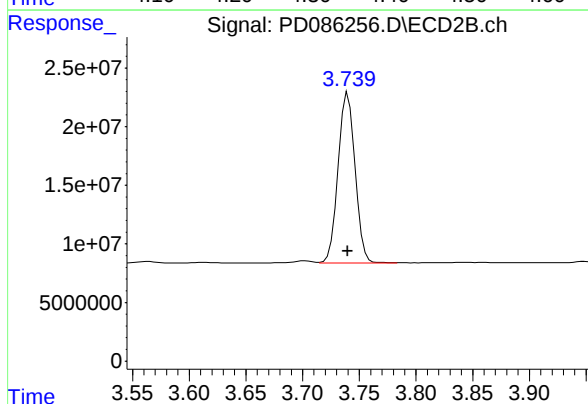
ClientSampleId :

PEM

Manual Integrations

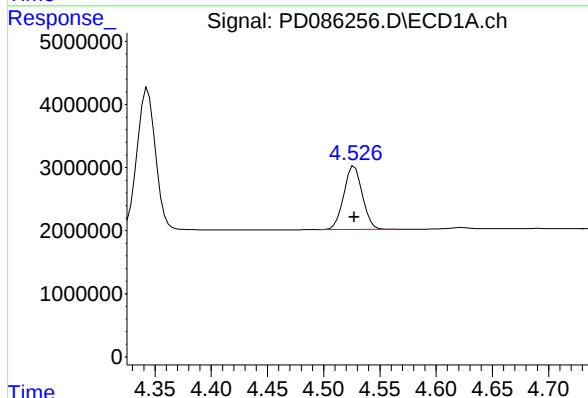
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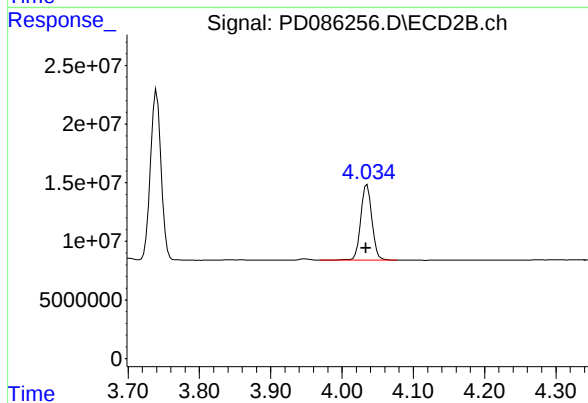
#3 gamma-BHC (Lindane)

R.T.: 3.740 min
Delta R.T.: 0.000 min
Response: 150672760
Conc: 10.31 ng/ml



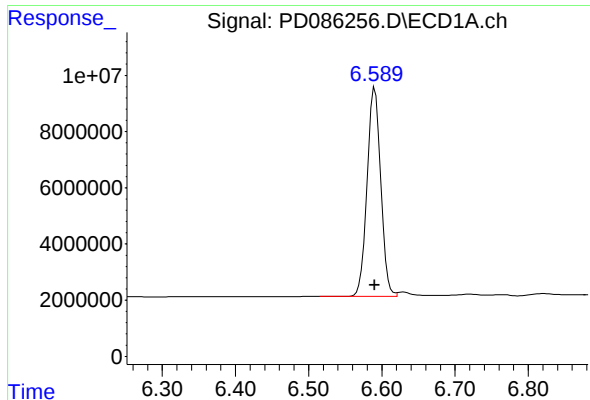
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 11526277
Conc: 10.08 ng/ml



#6 beta-BHC

R.T.: 4.035 min
Delta R.T.: 0.001 min
Response: 70397045
Conc: 11.04 ng/ml



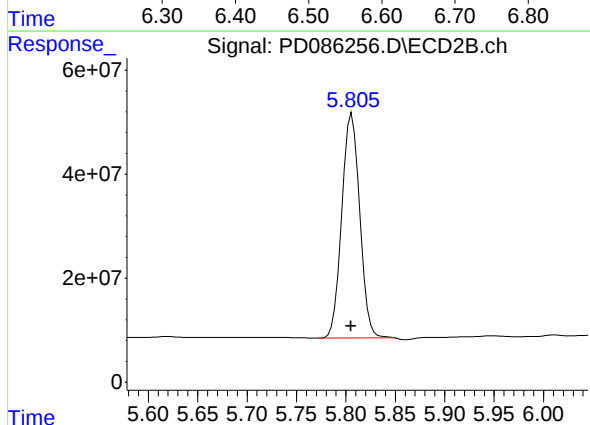
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 96180210
Conc: 44.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

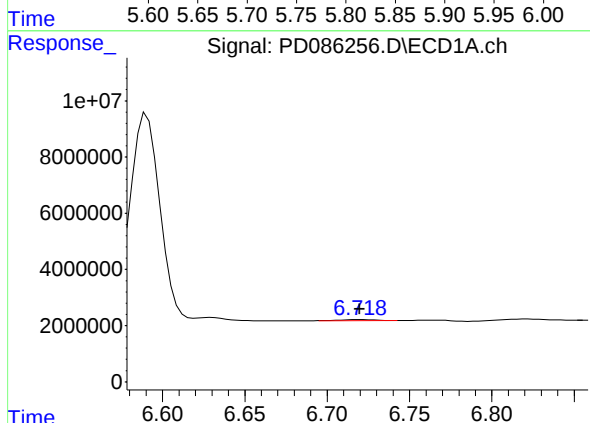
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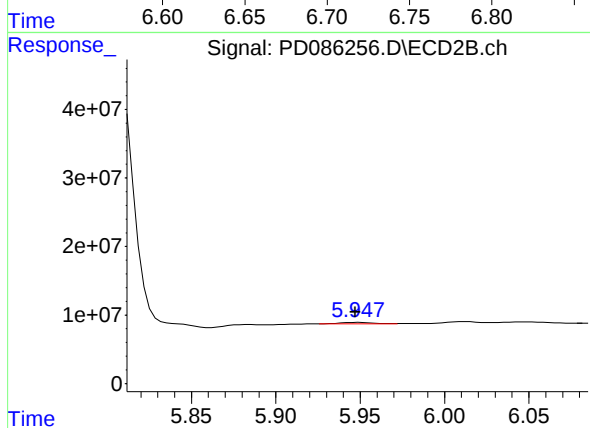
#14 Endrin

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 545524187
Conc: 44.46 ng/ml



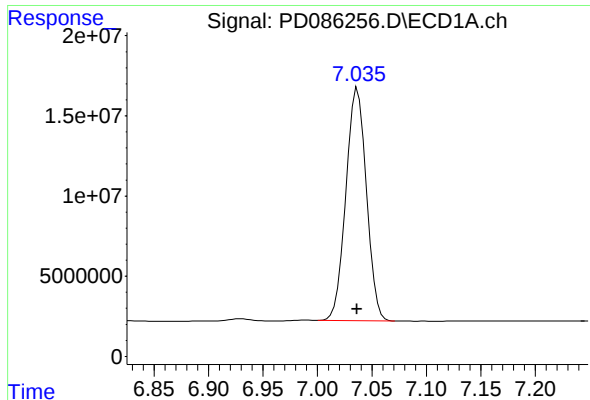
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: -0.001 min
Response: 555916
Conc: 0.31 ng/ml m



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 2484039
Conc: 0.23 ng/ml m



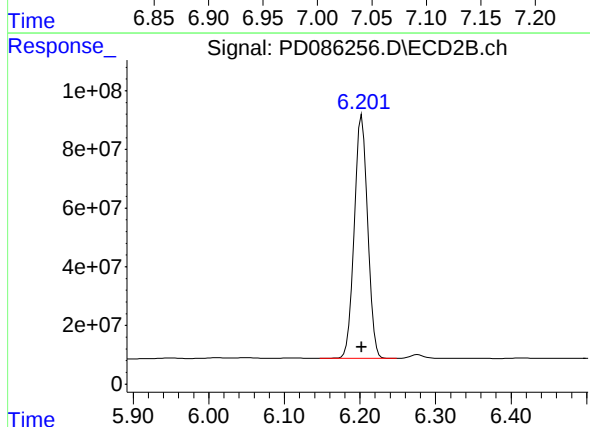
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 190018168
Conc: 103.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

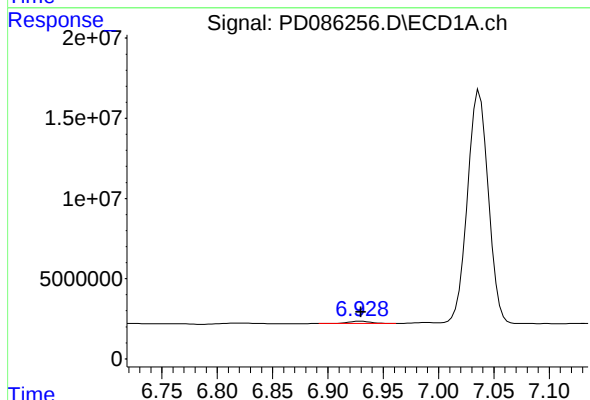
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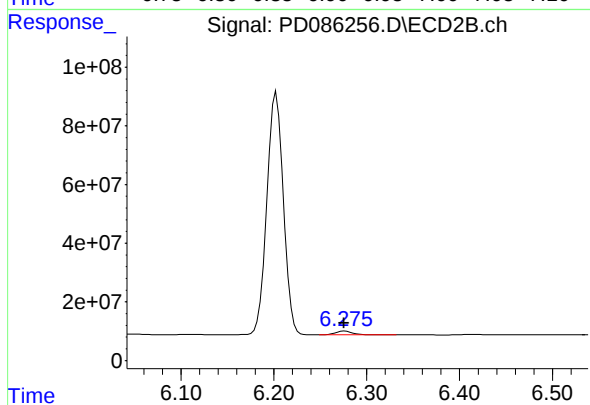
#17 4,4'-DDT

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 1024622869
Conc: 88.35 ng/ml



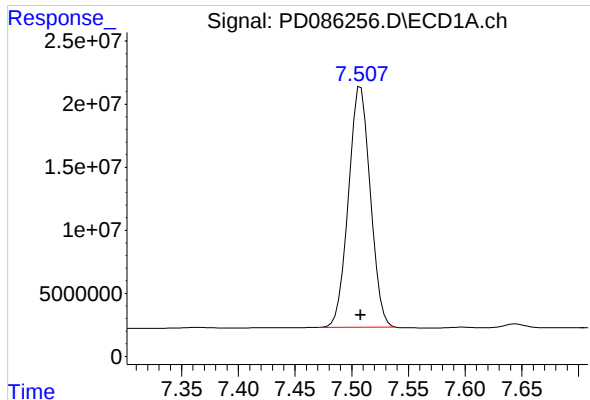
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 1953369
Conc: 1.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 16837182
Conc: 1.80 ng/ml



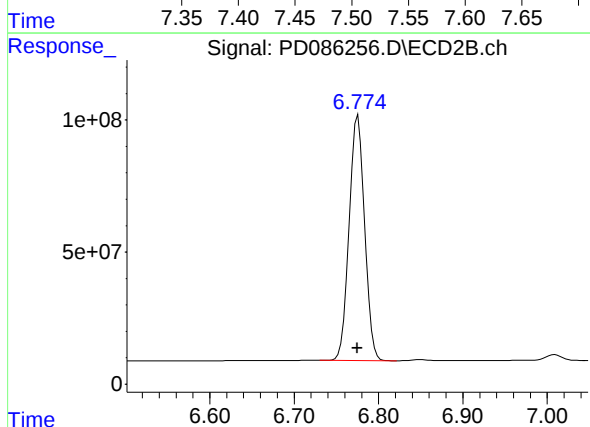
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 255961982
Conc: 236.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

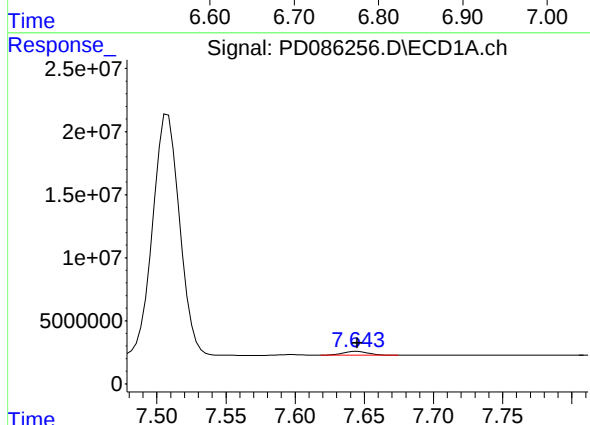
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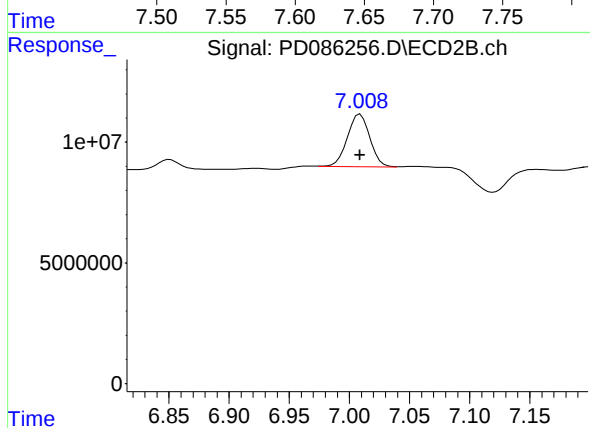
#20 Methoxychlor

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 1182883454
Conc: 187.20 ng/ml



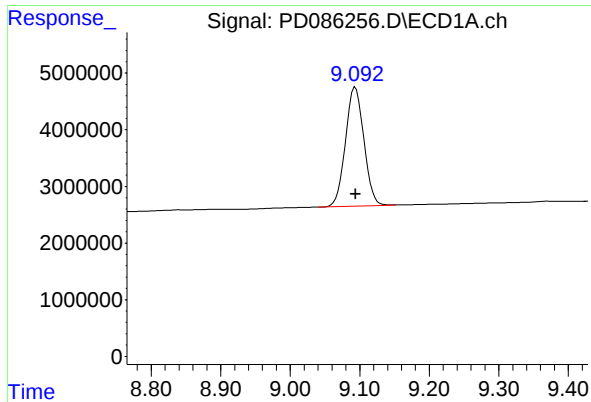
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 3868309
Conc: 1.71 ng/ml



#21 Endrin ketone

R.T.: 7.008 min
Delta R.T.: -0.001 min
Response: 28436020
Conc: 2.24 ng/ml m



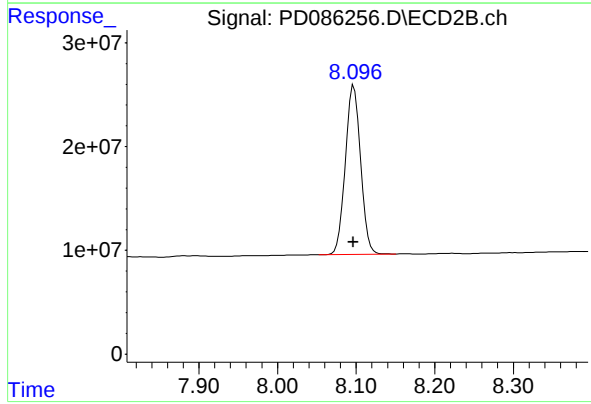
#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: 0.000 min
Response: 38632372
Conc: 20.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 219952330
Conc: 20.53 ng/ml