

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081623\
 Data File : PD077195.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2023 16:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/16/2023
 Supervised By : Ankita Jodhani 08/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 00:04:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 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...	3.549	2.760	43263508	24438683	18.282	17.942
28)	SA Decachlor...	9.094	7.905	53758127	25784106	19.618	18.017
Target Compounds							
2)	A alpha-BHC	4.006	3.262	33003658	17416899	8.595	9.004
3)	MA gamma-BHC...	4.340	3.592	31508987	16185308	8.561	8.700
6)	B beta-BHC	4.538	3.890	14301043	7632554	9.503	10.005
12)	B 4,4'-DDE	6.210	5.221	340976	206390	0.115m	0.142m
14)	MA Endrin	6.596	5.627	116.2E6	63482769	41.814	43.386
16)	A 4,4'-DDD	6.730	5.775	1787139	667809	0.760	0.601
17)	MA 4,4'-DDT	7.045	6.025	239.7E6	114.5E6	98.589	103.043
18)	B Endrin al...	6.945	6.101	3180718	4461656	1.456	3.919 #
20)	A Methoxychlor	7.520	6.601	321.1E6	139.9E6	226.624	233.901
21)	B Endrin ke...	7.666	6.828	7580371	3665284	2.517	2.312m

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

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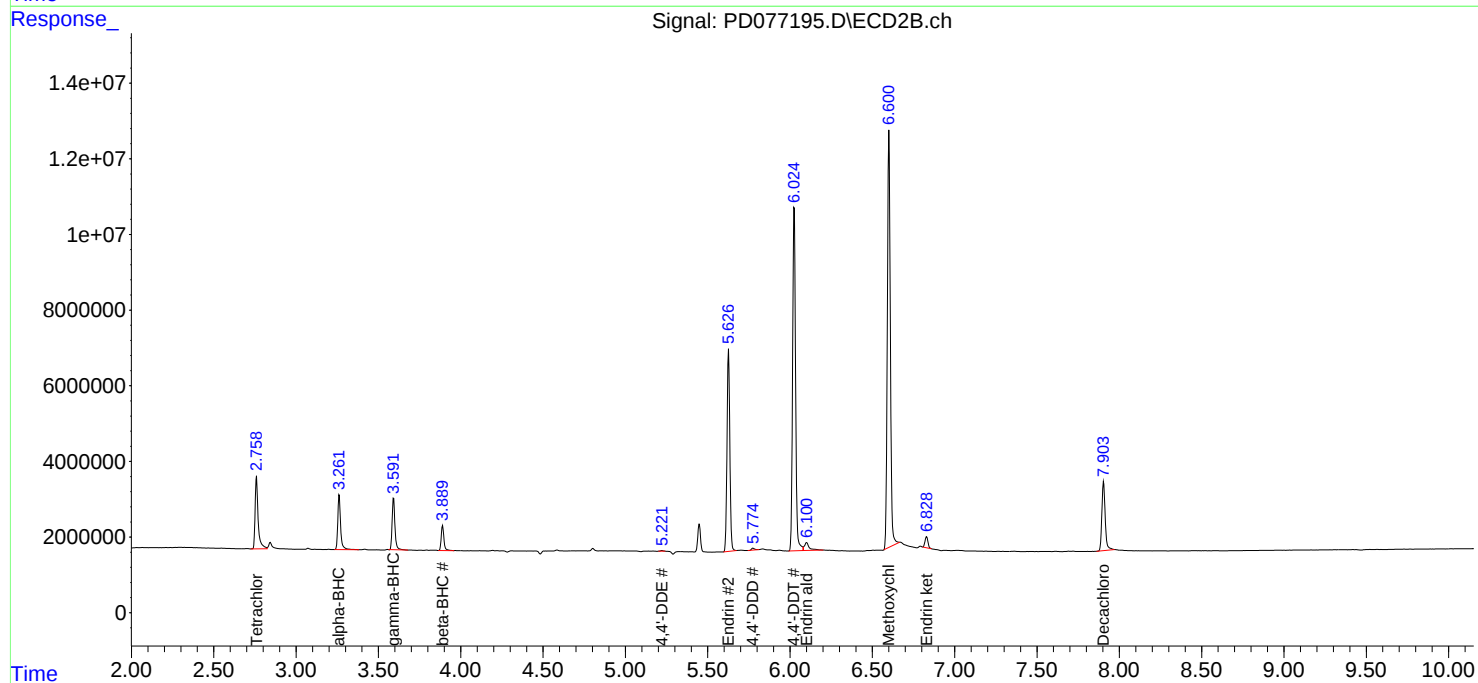
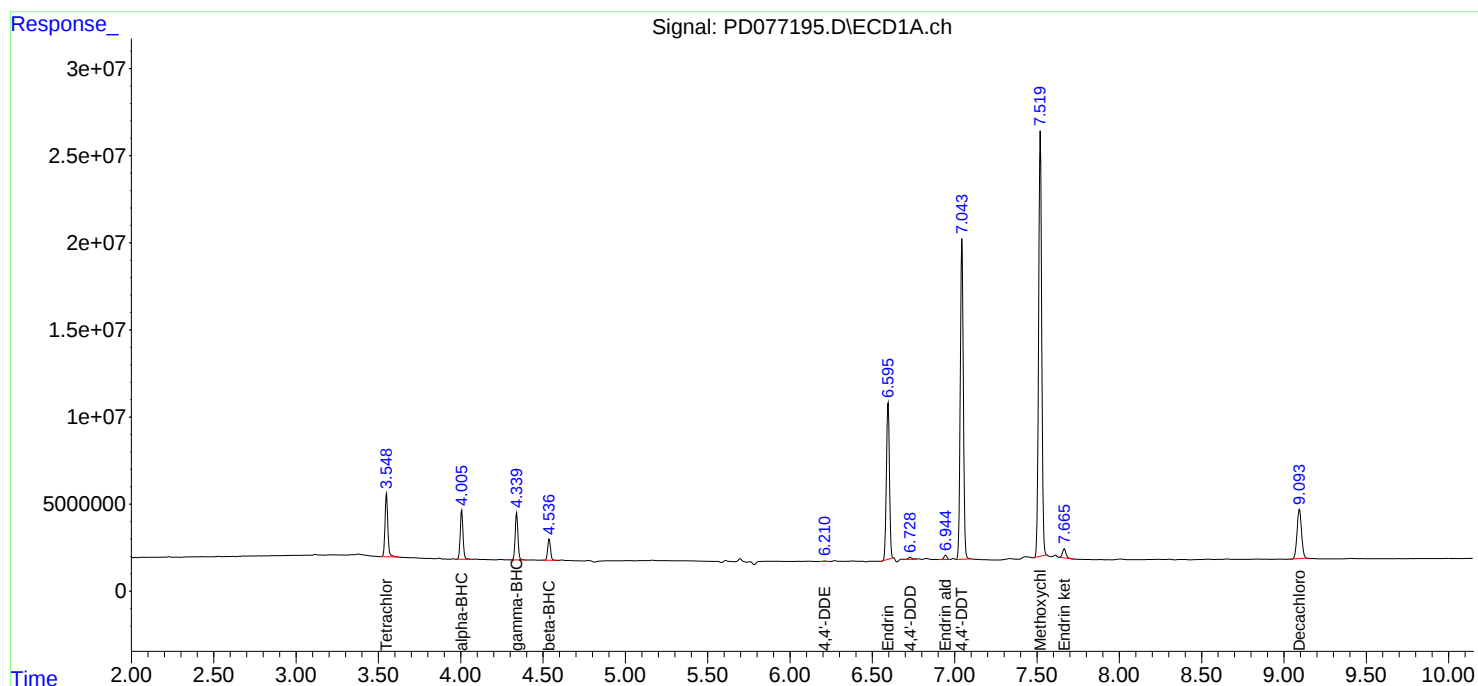
Instrument :
ECD_D
ClientSampleId :
PEM

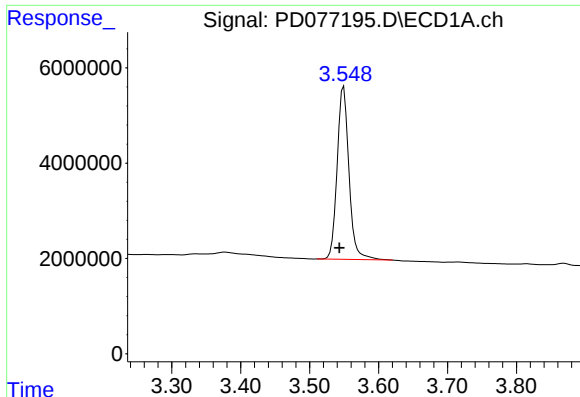
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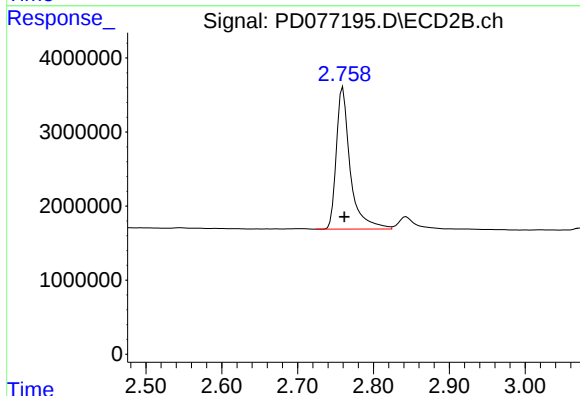
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.006 min
Response: 43263508
Conc: 18.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

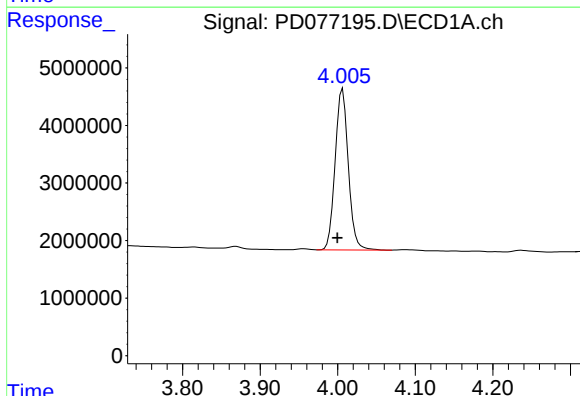
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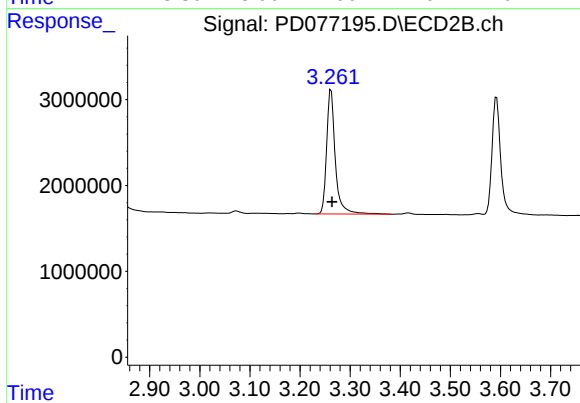
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.002 min
Response: 24438683
Conc: 17.94 ng/ml



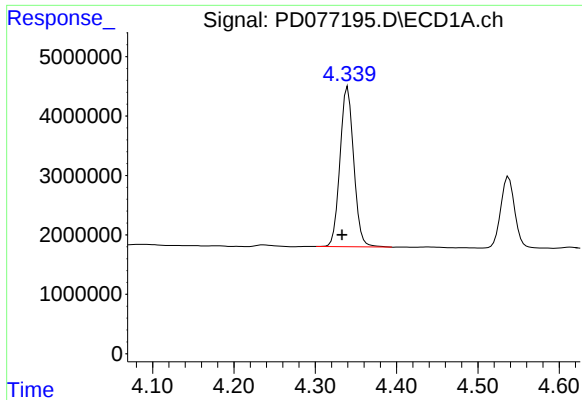
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.007 min
Response: 33003658
Conc: 8.60 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 17416899
Conc: 9.00 ng/ml



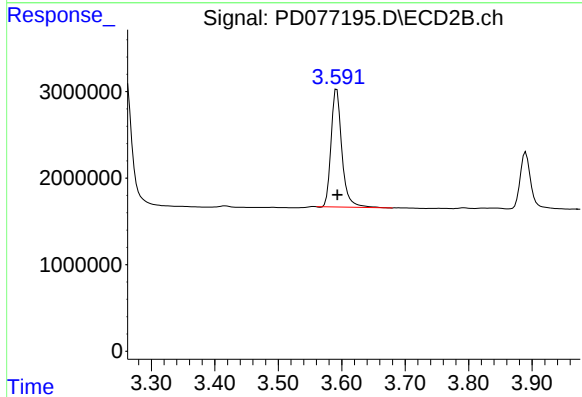
#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: 0.007 min
Response: 31508987
Conc: 8.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

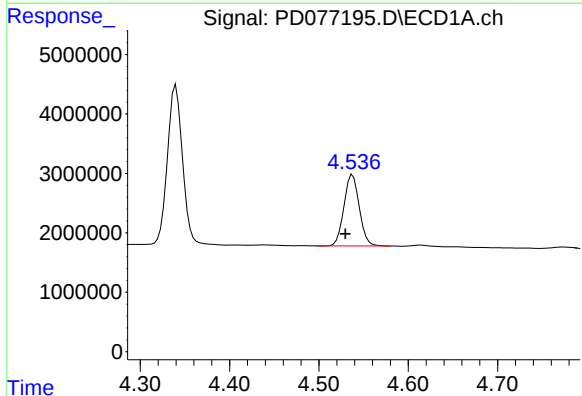
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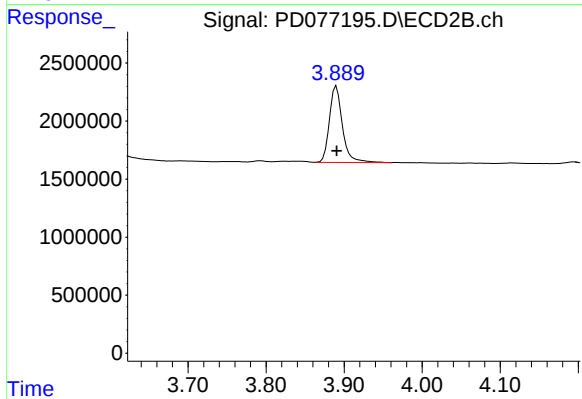
#3 gamma-BHC (Lindane)

R.T.: 3.592 min
Delta R.T.: -0.001 min
Response: 16185308
Conc: 8.70 ng/ml



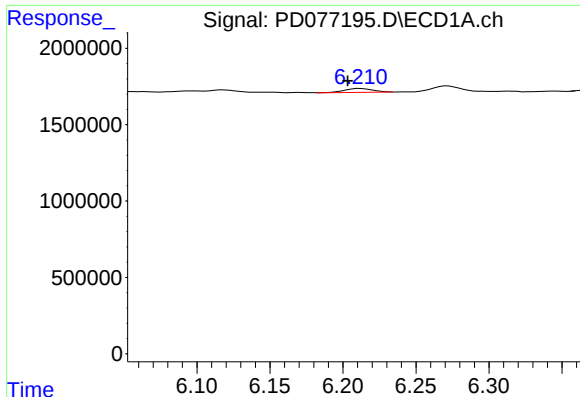
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.008 min
Response: 14301043
Conc: 9.50 ng/ml



#6 beta-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 7632554
Conc: 10.00 ng/ml



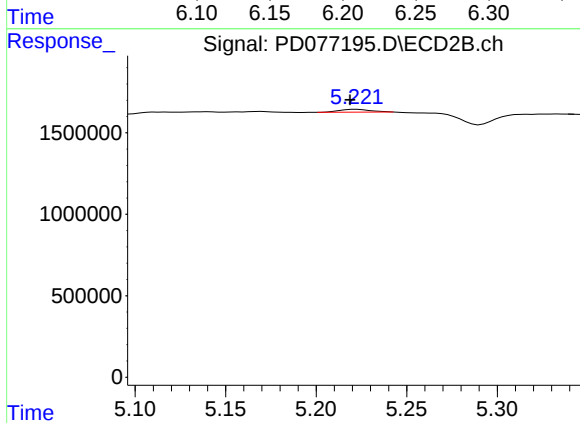
#12 4,4'-DDE

R.T.: 6.210 min
Delta R.T.: 0.007 min
Response: 340976
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

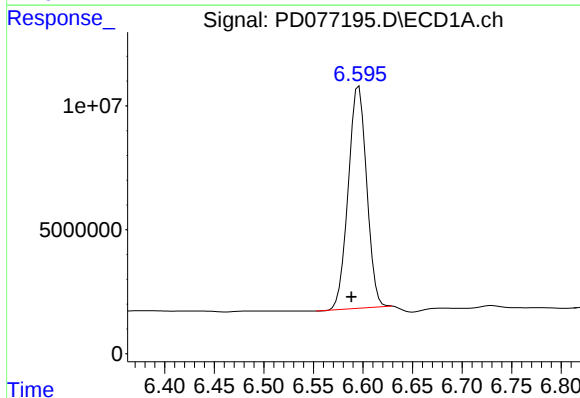
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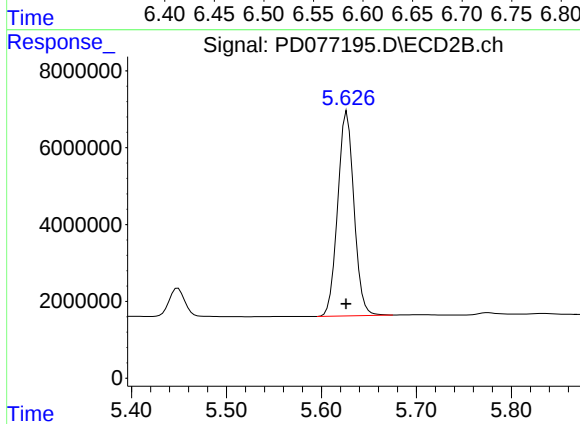
#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: 0.002 min
Response: 206390
Conc: 0.14 ng/ml m



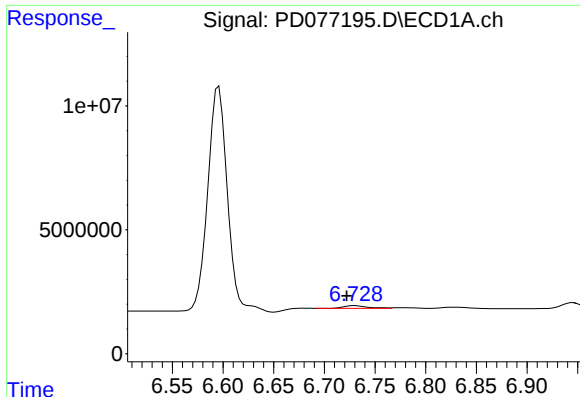
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.007 min
Response: 116187212
Conc: 41.81 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 63482769
Conc: 43.39 ng/ml



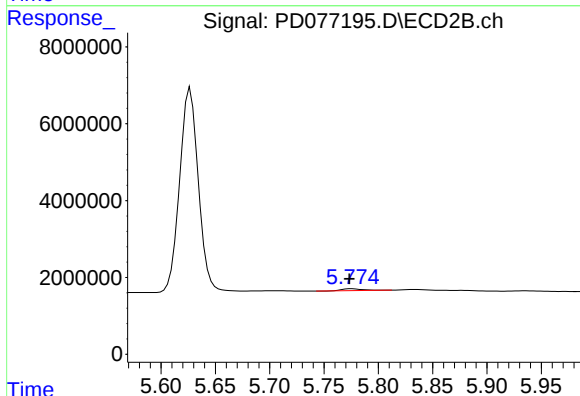
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: 0.008 min
Response: 1787139
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

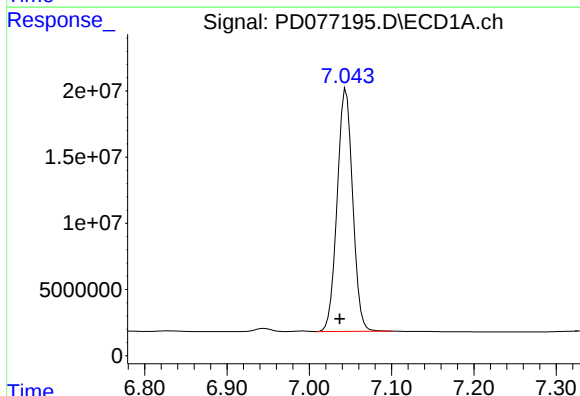
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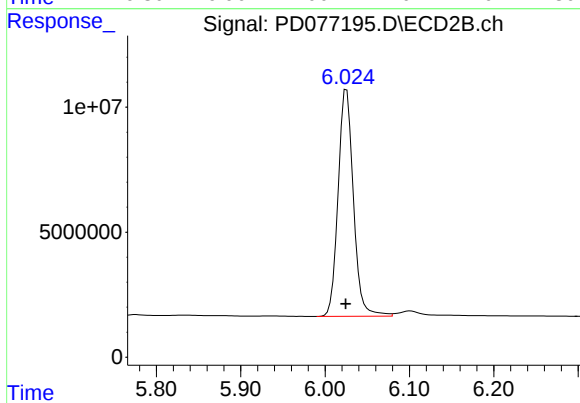
#16 4,4'-DDD

R.T.: 5.775 min
Delta R.T.: 0.002 min
Response: 667809
Conc: 0.60 ng/ml



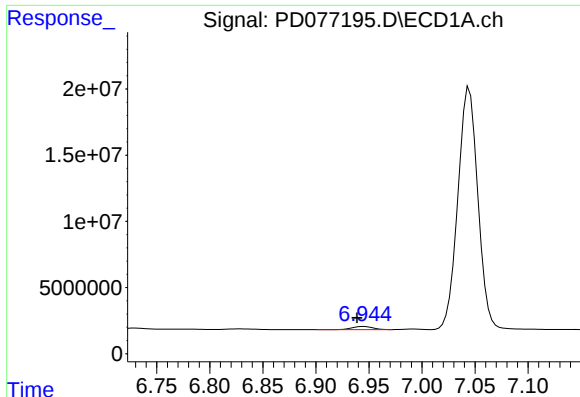
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: 0.008 min
Response: 239732563
Conc: 98.59 ng/ml



#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 114541105
Conc: 103.04 ng/ml



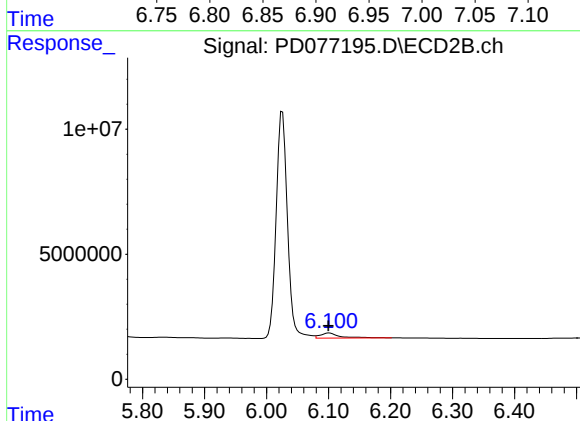
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: 0.007 min
Response: 3180718
Conc: 1.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

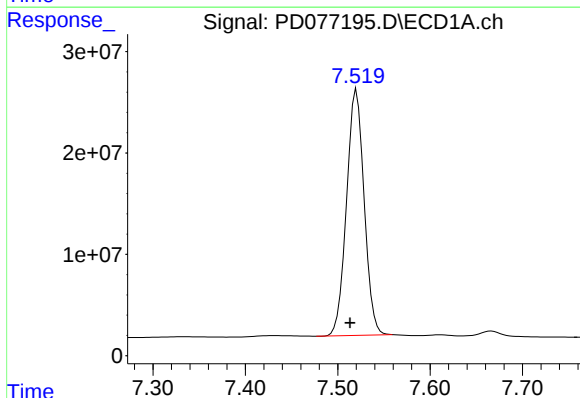
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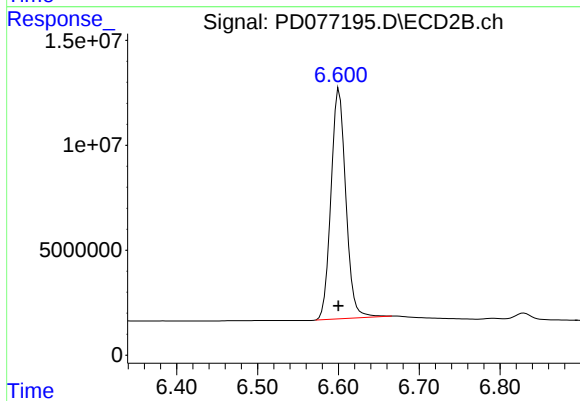
#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.001 min
Response: 4461656
Conc: 3.92 ng/ml



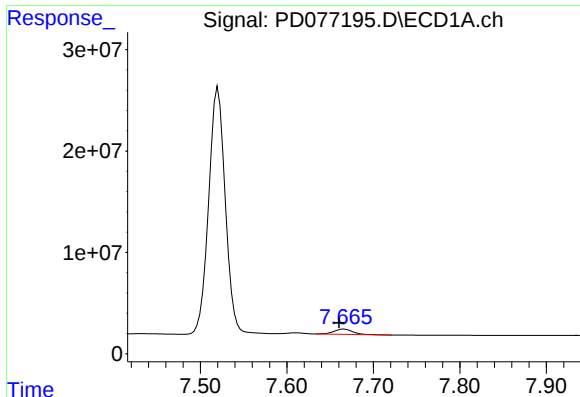
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: 0.007 min
Response: 321096529
Conc: 226.62 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 139858358
Conc: 233.90 ng/ml



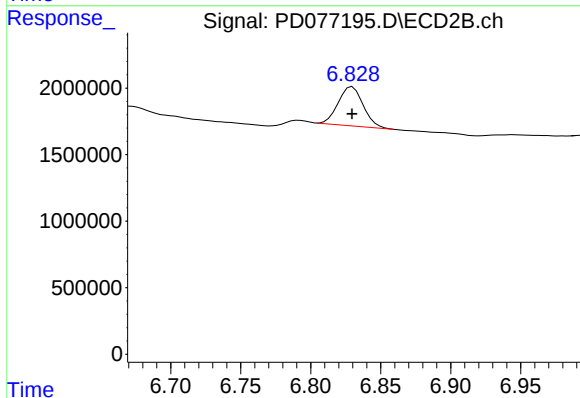
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.006 min
Response: 7580371
Conc: 2.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

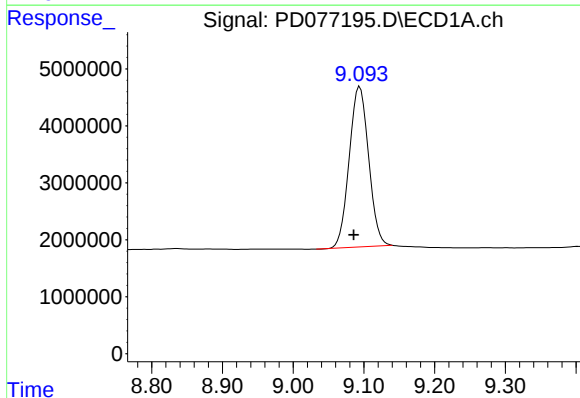
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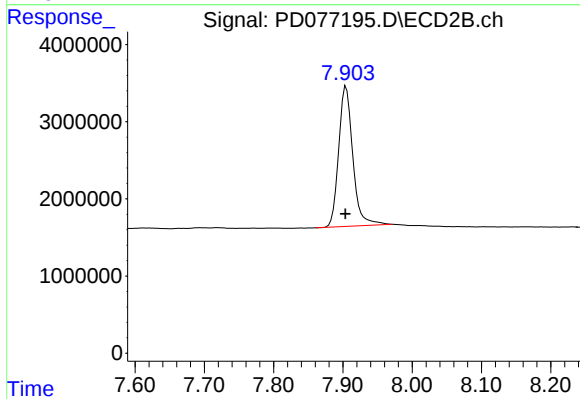
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.001 min
Response: 3665284
Conc: 2.31 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: 0.009 min
Response: 53758127
Conc: 19.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 25784106
Conc: 18.02 ng/ml