

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
 Data File : PD078587.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 08:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/04/2023
 Supervised By : Ankita Jodhani 10/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 13:36:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 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...	3.540	2.757	53589071	38409676	18.564	18.806
28)	SA Decachlor...	9.078	7.893	68997875	41495548	18.605	18.287
Target Compounds							
2)	A alpha-BHC	3.997	3.258	42851715	26980614	8.824	9.001
3)	MA gamma-BHC...	4.330	3.588	41309714	25014690	8.830	8.634
6)	B beta-BHC	4.528	3.885	18858933	12068209	10.154	10.442
12)	B 4,4'-DDE	6.199	5.212	500769	422064	0.125m	0.166 #
14)	MA Endrin	6.584	5.619	141.2E6	108.5E6	42.030	43.851
16)	A 4,4'-DDD	6.718	5.764	4650821	2900046	1.563	1.466m
17)	MA 4,4'-DDT	7.033	6.017	292.6E6	208.6E6	98.868	102.468
18)	B Endrin al...	6.934	6.093	3892971	3538860	1.457	1.909 #
20)	A Methoxychlor	7.509	6.591	387.6E6	264.6E6	232.250	242.550
21)	B Endrin ke...	7.655	6.821	8927150	7119723	2.485	2.713

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

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Operator : AR\AJ
Sample : PEM
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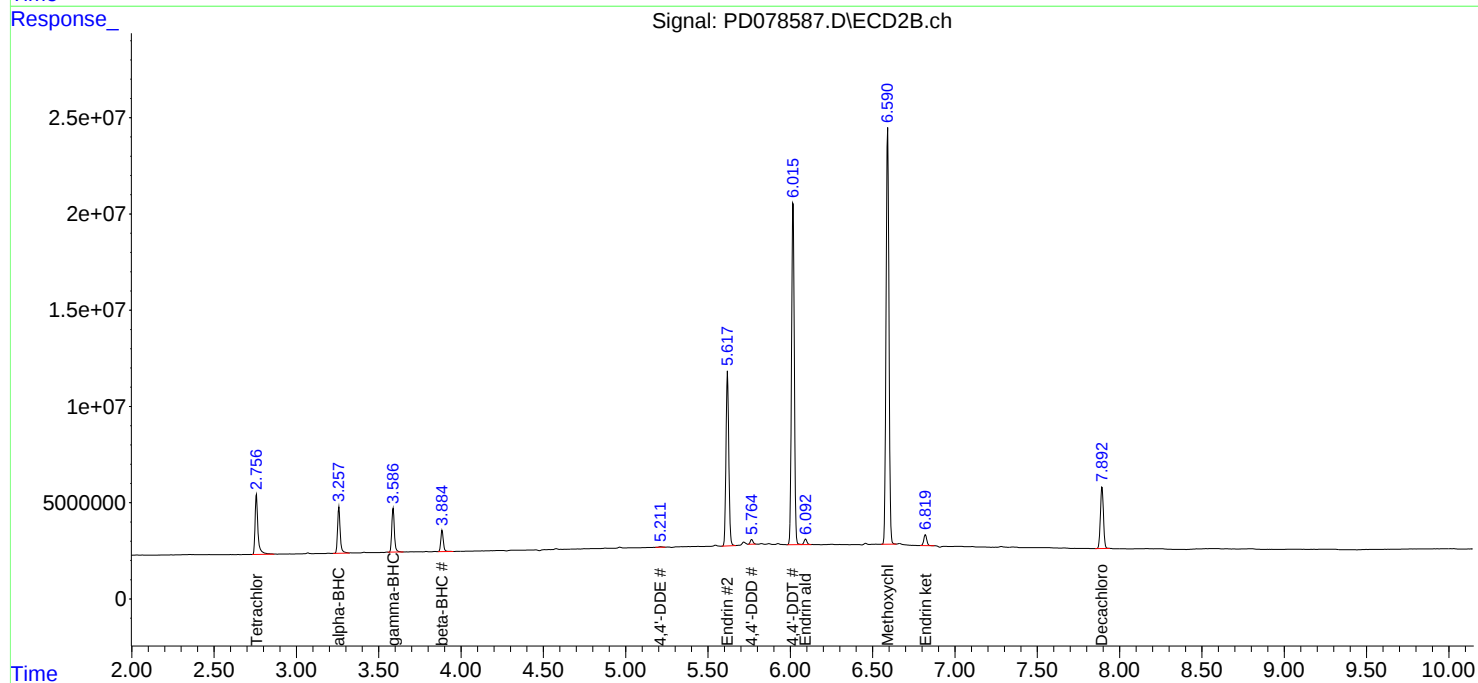
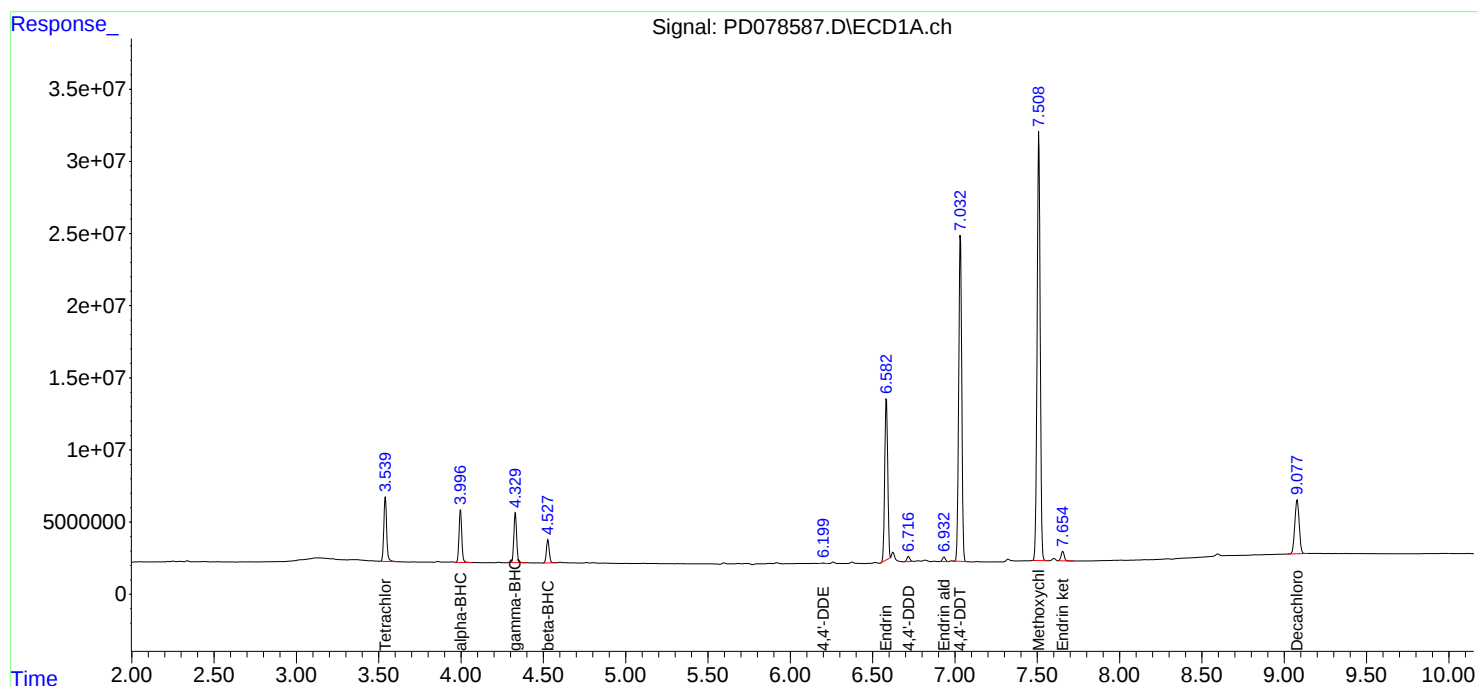
Instrument :
ECD_D
ClientSampleId :
PEM

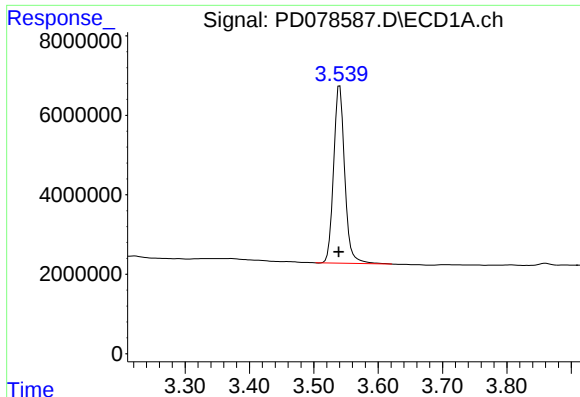
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





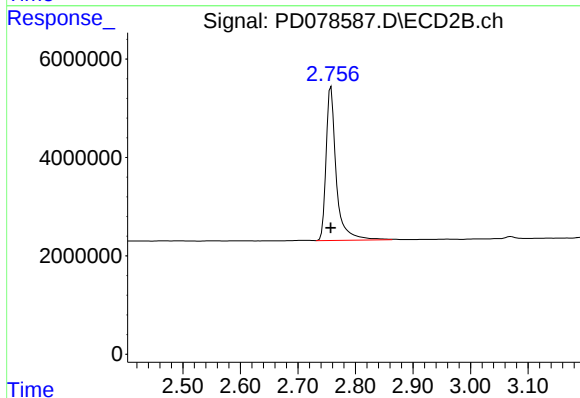
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.001 min
Response: 53589071
Conc: 18.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

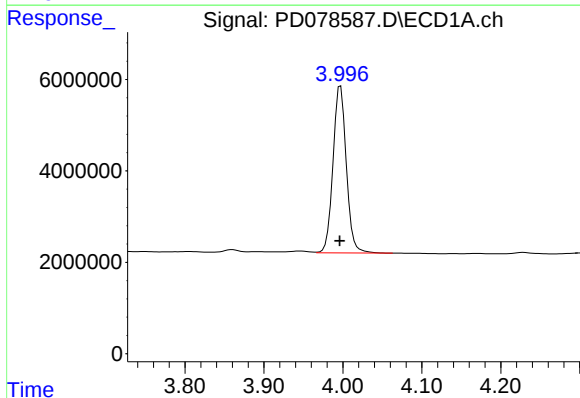
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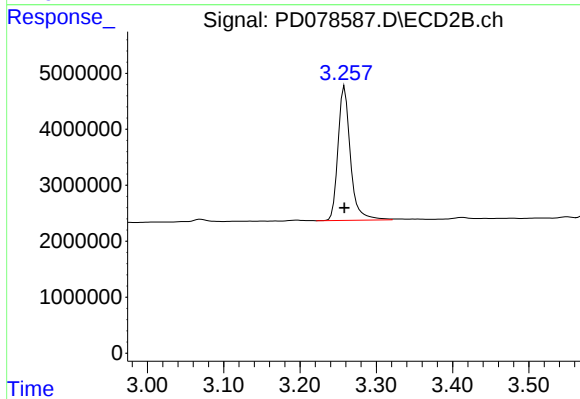
#1 Tetrachloro-m-xylene

R.T.: 2.757 min
Delta R.T.: 0.000 min
Response: 38409676
Conc: 18.81 ng/ml



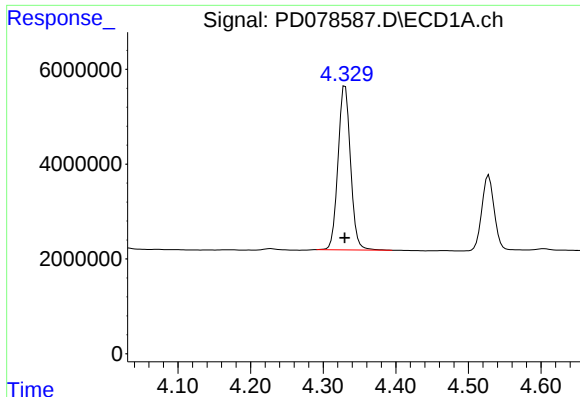
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.001 min
Response: 42851715
Conc: 8.82 ng/ml



#2 alpha-BHC

R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 26980614
Conc: 9.00 ng/ml



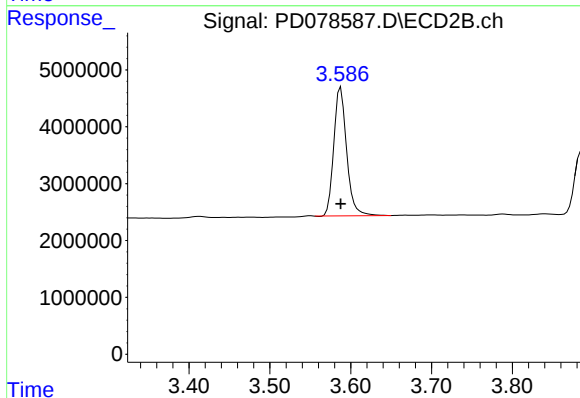
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 41309714
Conc: 8.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

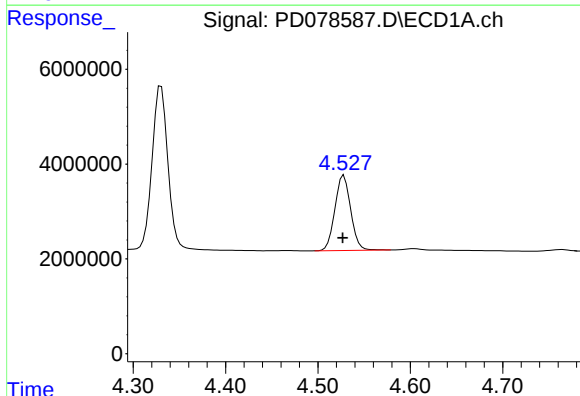
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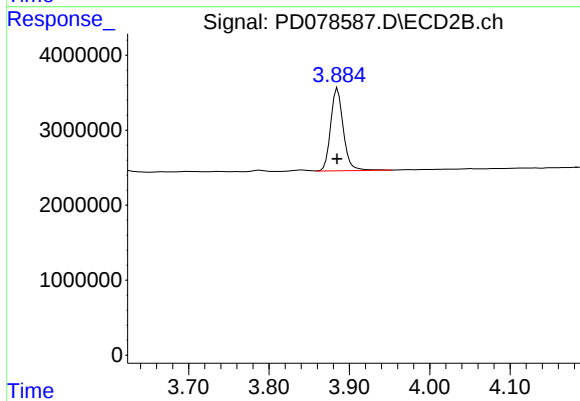
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 25014690
Conc: 8.63 ng/ml



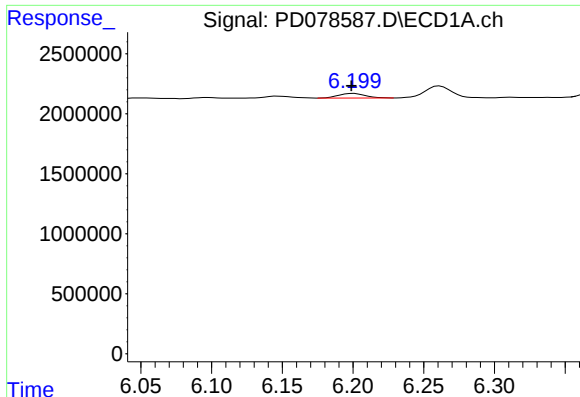
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.001 min
Response: 18858933
Conc: 10.15 ng/ml



#6 beta-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 12068209
Conc: 10.44 ng/ml



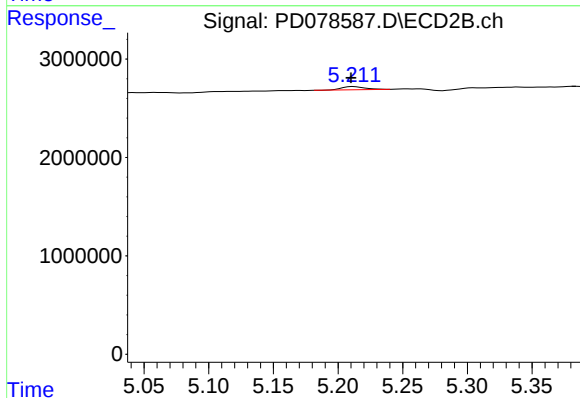
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 500769
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

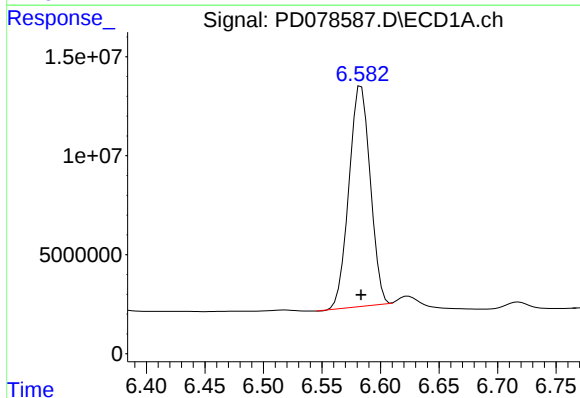
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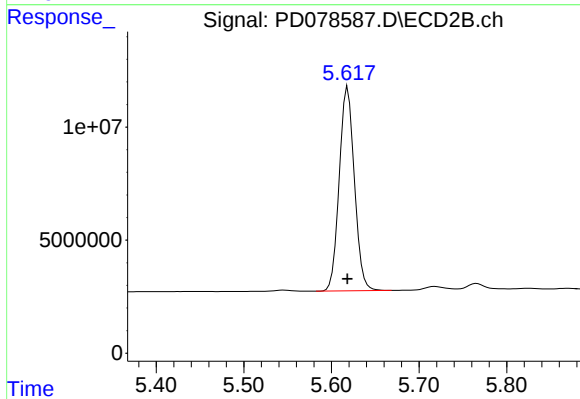
#12 4,4'-DDE

R.T.: 5.212 min
Delta R.T.: 0.002 min
Response: 422064
Conc: 0.17 ng/ml



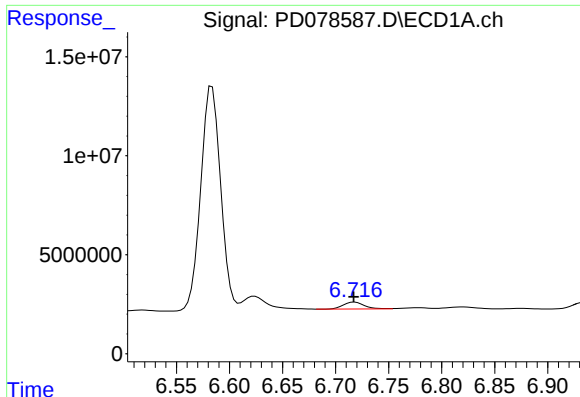
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 141150754
Conc: 42.03 ng/ml



#14 Endrin

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 108497247
Conc: 43.85 ng/ml



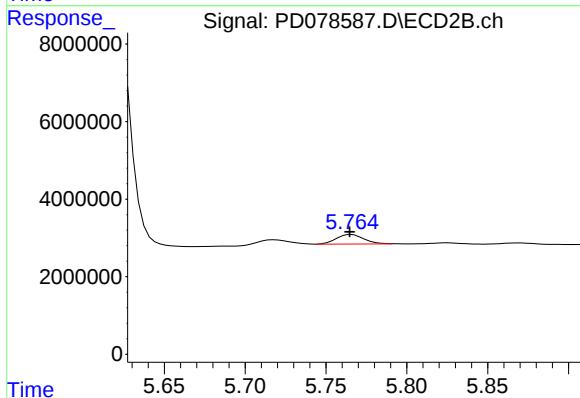
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 4650821
Conc: 1.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

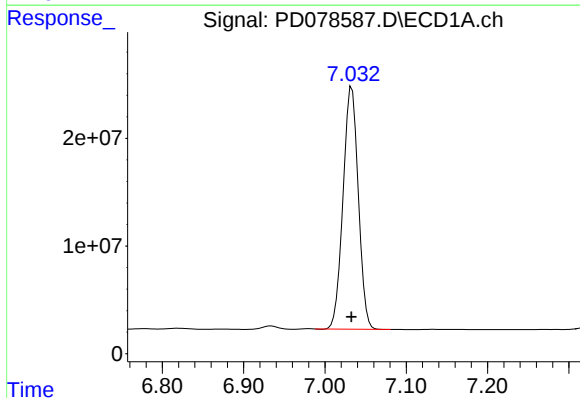
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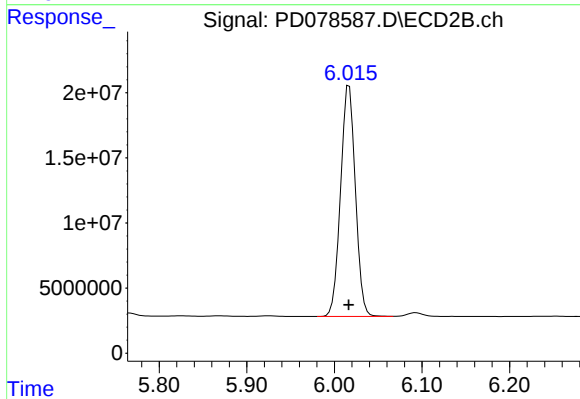
#16 4,4'-DDD

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 2900046
Conc: 1.47 ng/ml m



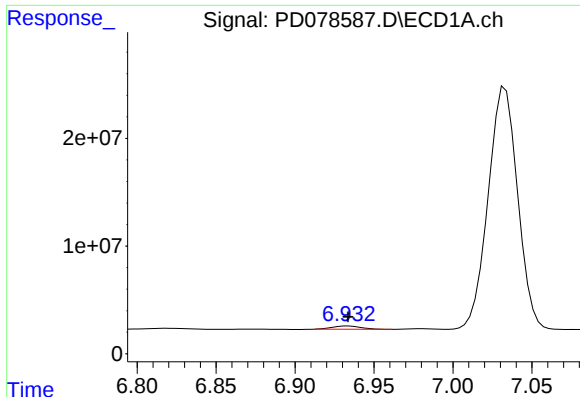
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 292579461
Conc: 98.87 ng/ml



#17 4,4'-DDT

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 208574517
Conc: 102.47 ng/ml



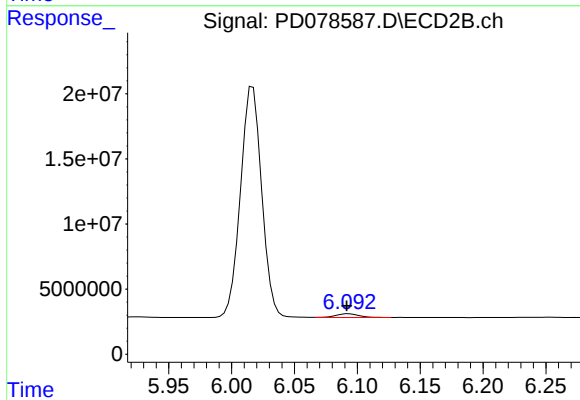
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 3892971
Conc: 1.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

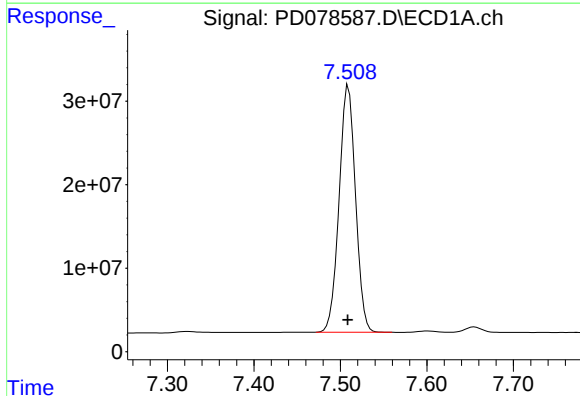
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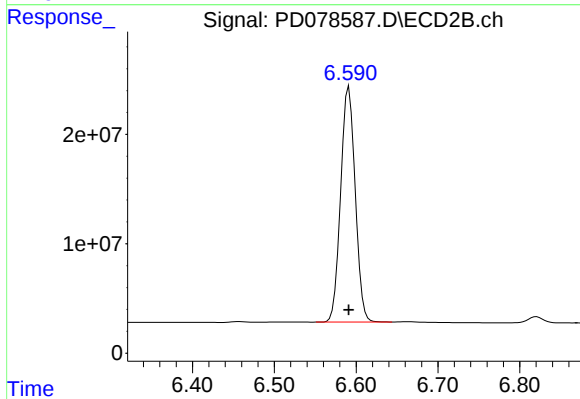
#18 Endrin aldehyde

R.T.: 6.093 min
Delta R.T.: 0.002 min
Response: 3538860
Conc: 1.91 ng/ml



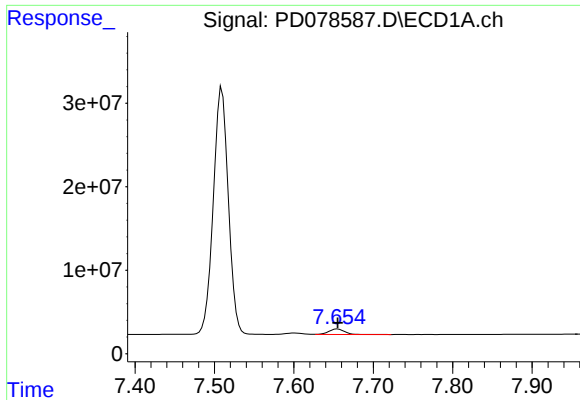
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.000 min
Response: 387608869
Conc: 232.25 ng/ml



#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 264628710
Conc: 242.55 ng/ml



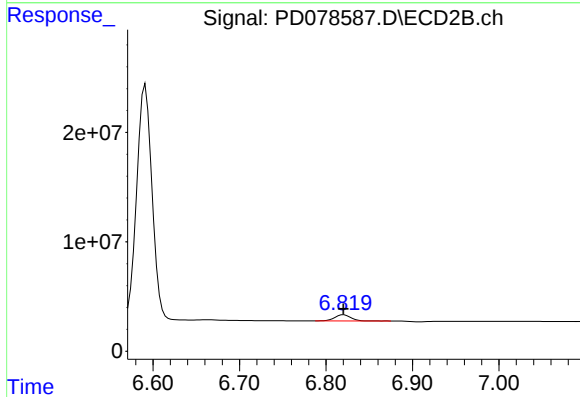
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 8927150
Conc: 2.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

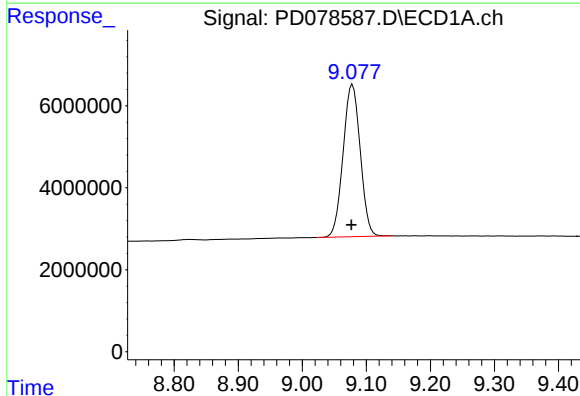
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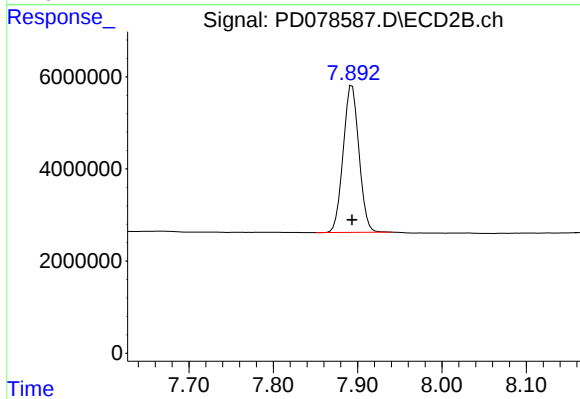
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 7119723
Conc: 2.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 68997875
Conc: 18.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 41495548
Conc: 18.29 ng/ml