

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062023\
 Data File : PD075933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 08:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/21/2023
 Supervised By : Ankita Jodhani 06/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:26:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.546	2.767	48416363	23918142	22.729	22.046
28)	SA Decachlor...	9.082	7.910	51994128	21797397	20.524	22.292
Target Compounds							
2)	A alpha-BHC	4.002	3.269	38754814	16485359	10.497	10.305
3)	MA gamma-BHC...	4.335	3.599	35856833	15488879	10.656	10.512
6)	B beta-BHC	4.531	3.895	17182317	7678571	11.951	12.047
12)	B 4,4'-DDE	6.204	5.225	396191	222992	0.139	0.200 #
14)	MA Endrin	6.588	5.631	128.8E6	57531015	48.149	47.273
16)	A 4,4'-DDD	6.721	5.780	10659518	4938127	4.684	5.603
17)	MA 4,4'-DDT	7.036	6.031	253.1E6	105.7E6	111.555	130.144
18)	B Endrin al...	6.936	6.106	4635983	2519450	2.310m	2.911 #
20)	A Methoxychlor	7.512	6.606	341.6E6	138.0E6	263.874	298.135
21)	B Endrin ke...	7.658	6.833	11844513	5844251	4.252	4.810

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

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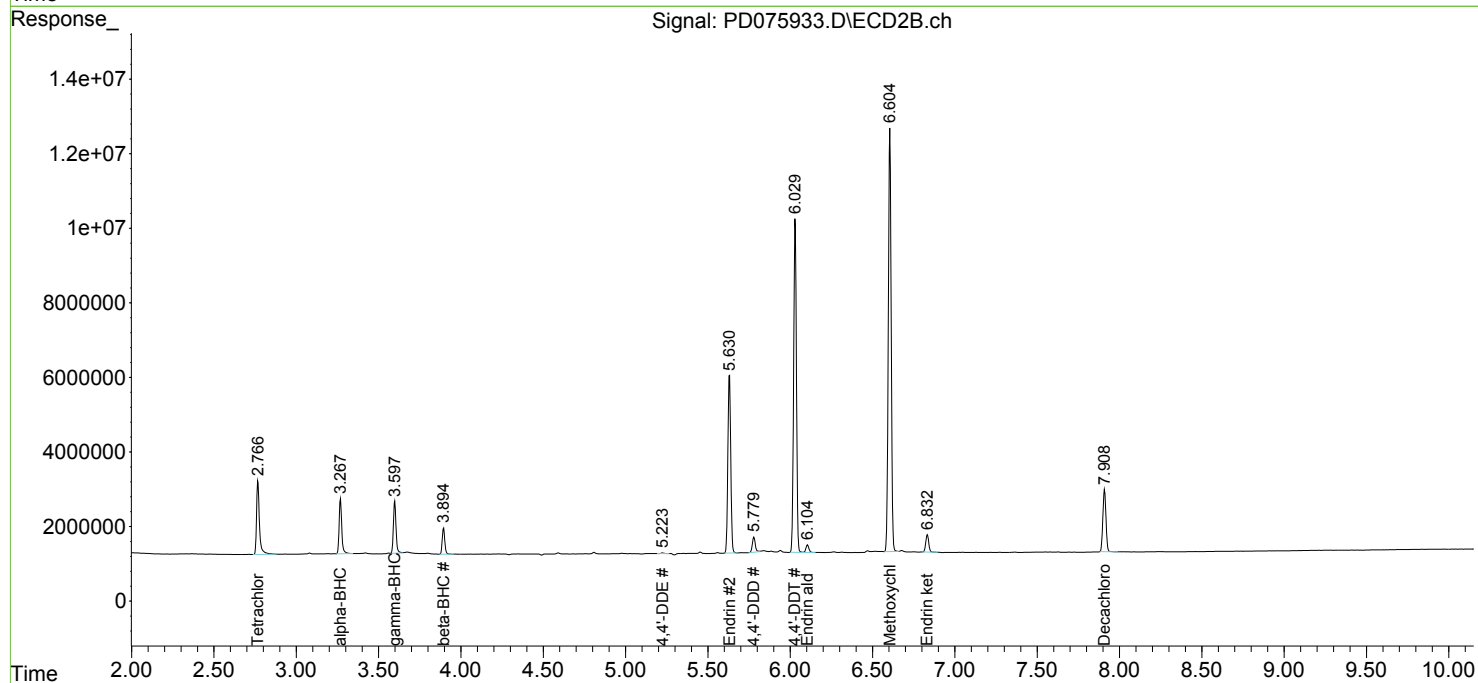
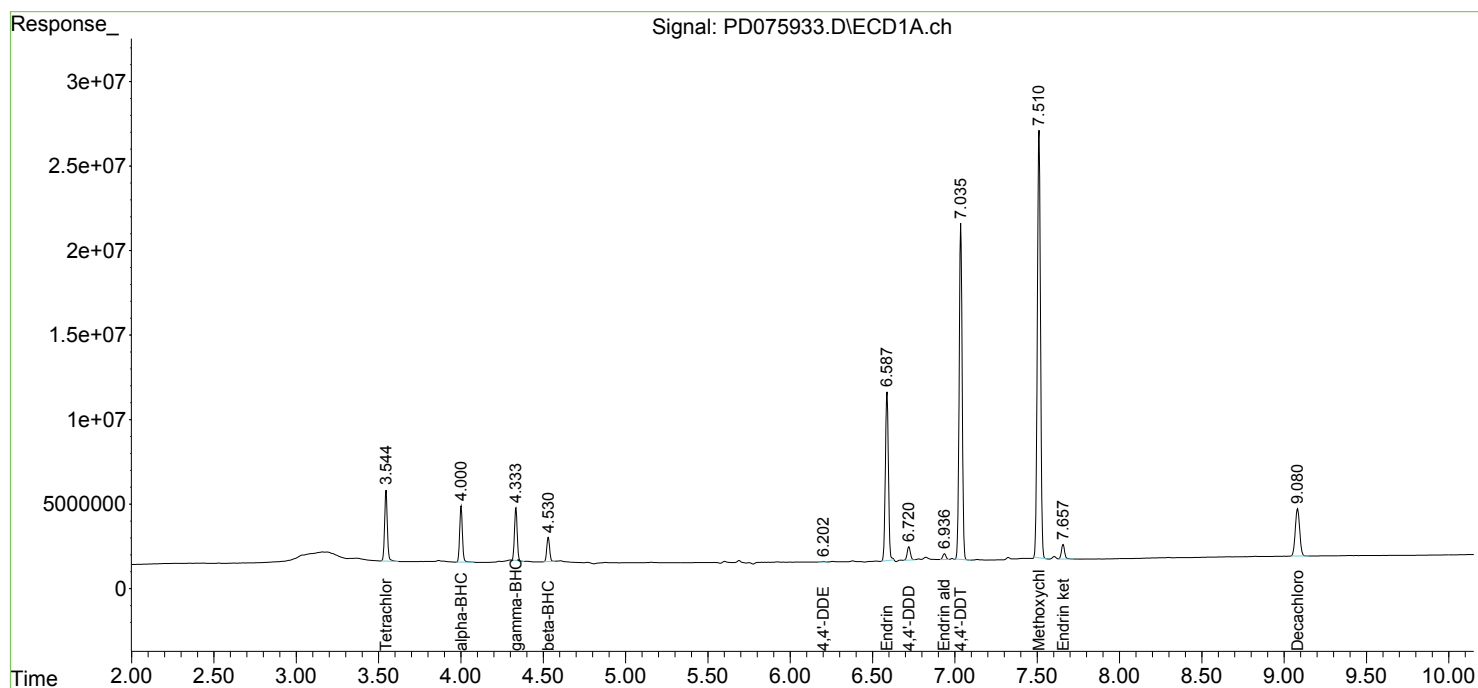
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PEM

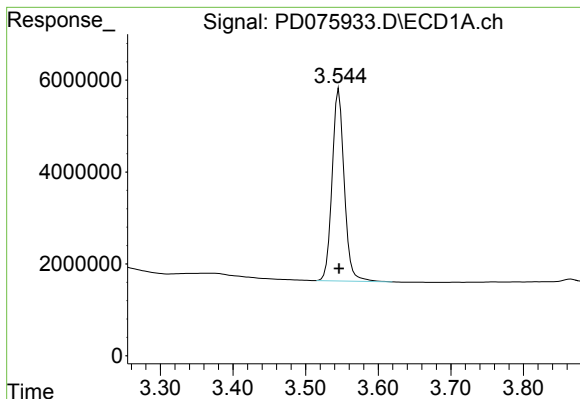
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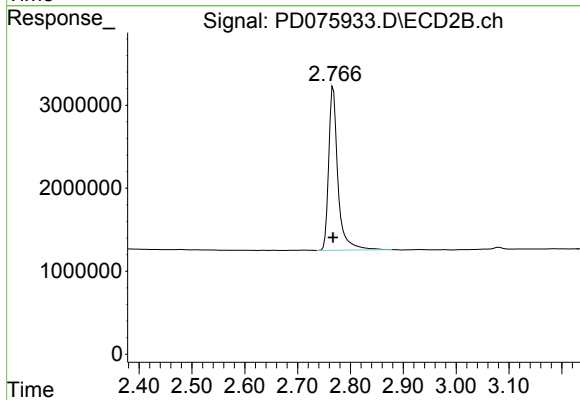
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 48416363
Conc: 22.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

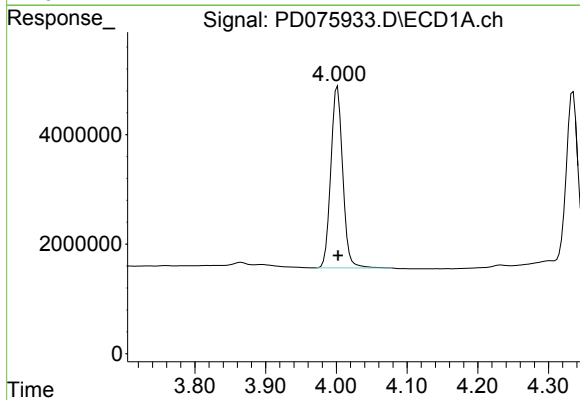
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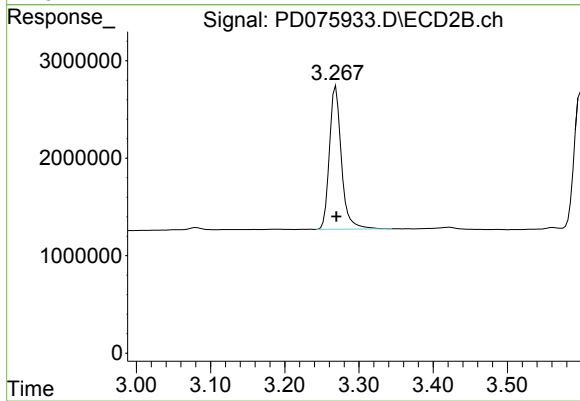
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 23918142
Conc: 22.05 ng/ml



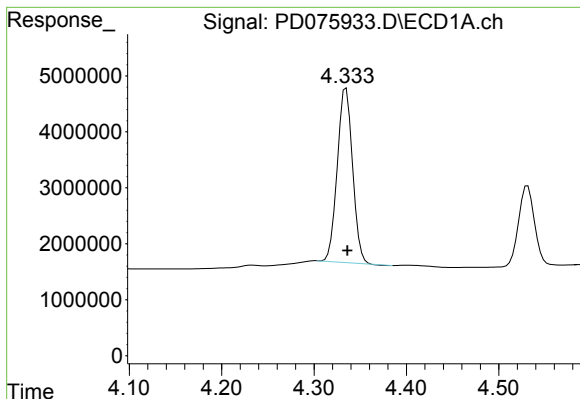
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 38754814
Conc: 10.50 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 16485359
Conc: 10.30 ng/ml



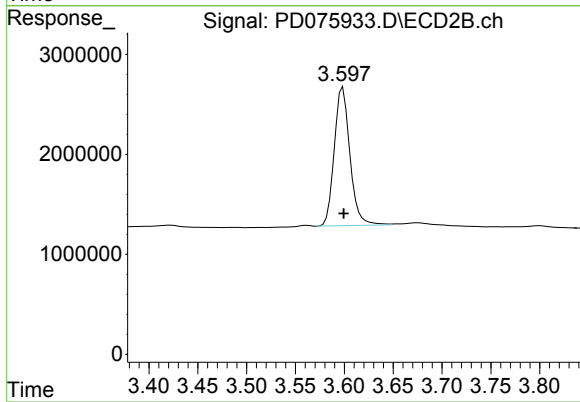
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: -0.001 min
Response: 35856833
Conc: 10.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

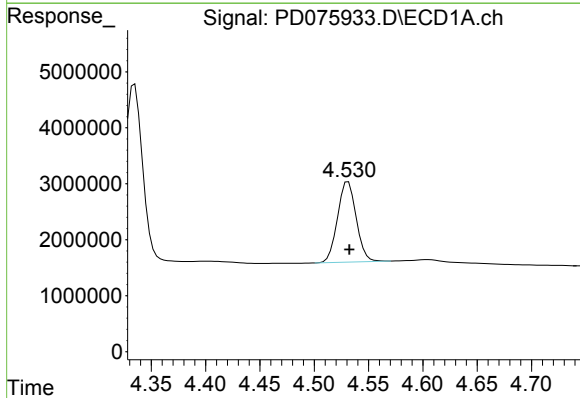
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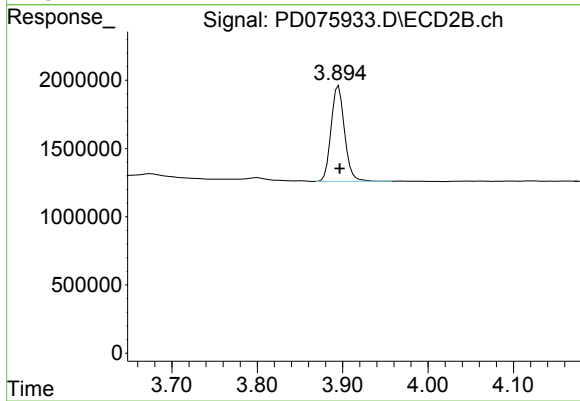
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 15488879
Conc: 10.51 ng/ml



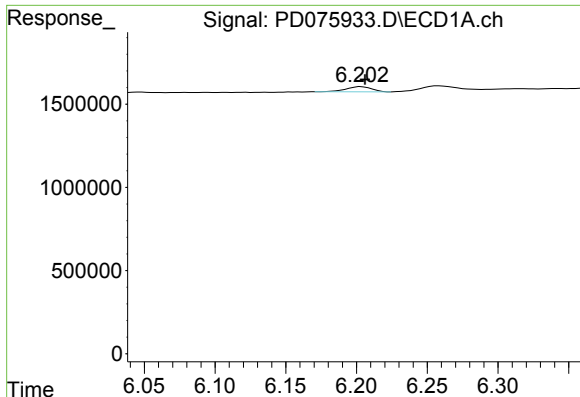
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 17182317
Conc: 11.95 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: -0.001 min
Response: 7678571
Conc: 12.05 ng/ml



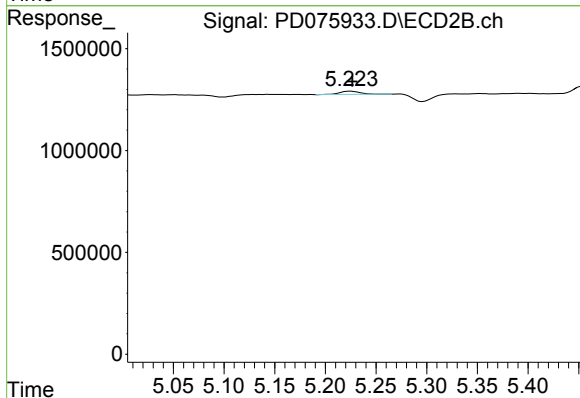
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: -0.002 min
Response: 396191
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

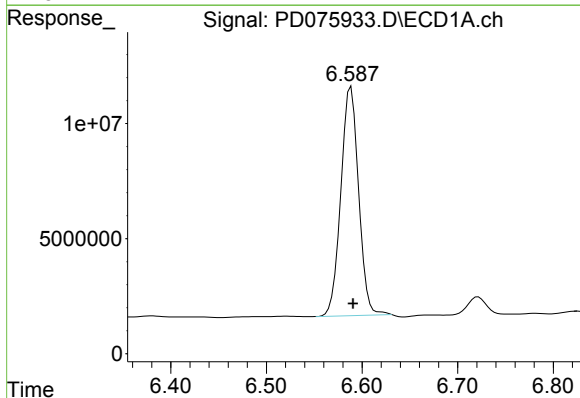
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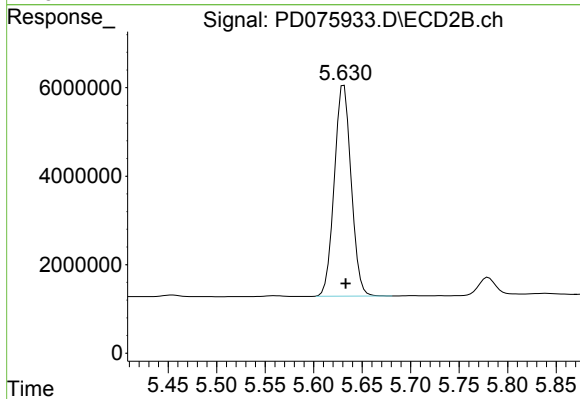
#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 222992
Conc: 0.20 ng/ml



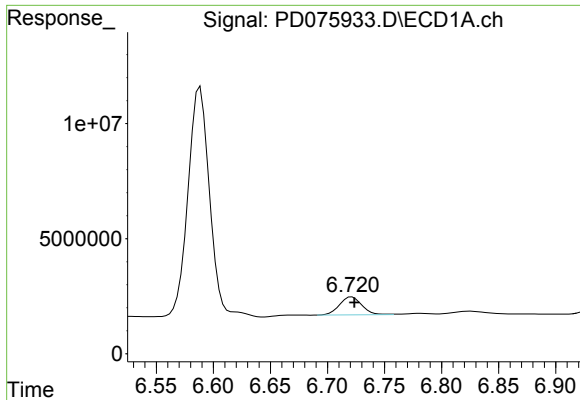
#14 Endrin

R.T.: 6.588 min
Delta R.T.: -0.002 min
Response: 128766465
Conc: 48.15 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 57531015
Conc: 47.27 ng/ml



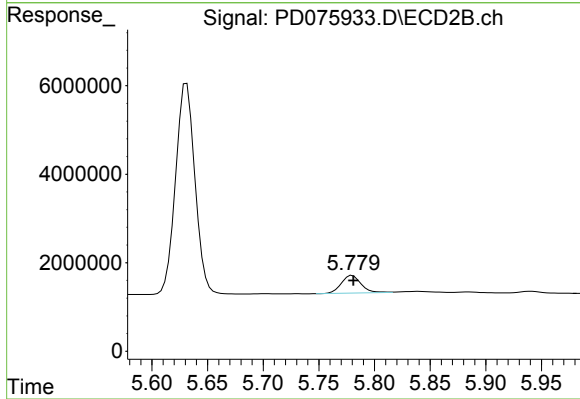
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: -0.002 min
Response: 10659518
Conc: 4.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

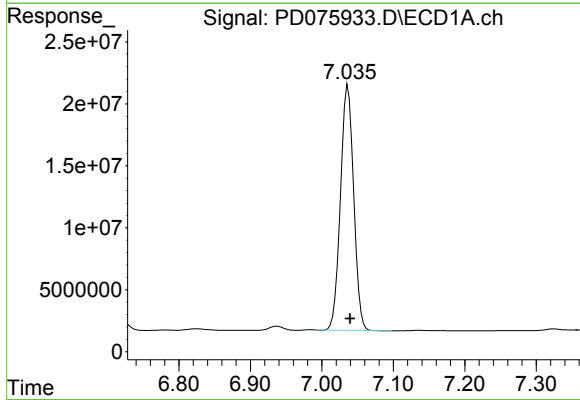
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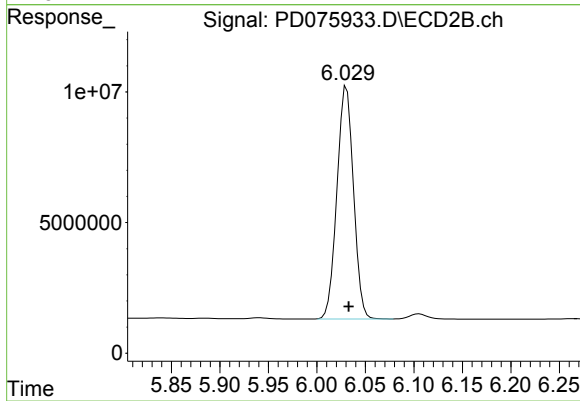
#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 4938127
Conc: 5.60 ng/ml



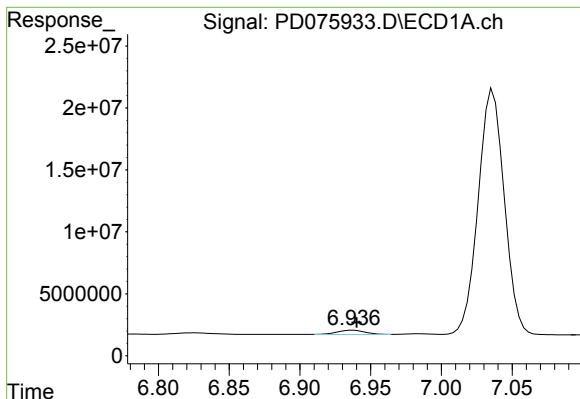
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: -0.003 min
Response: 253148297
Conc: 111.56 ng/ml



#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 105714724
Conc: 130.14 ng/ml



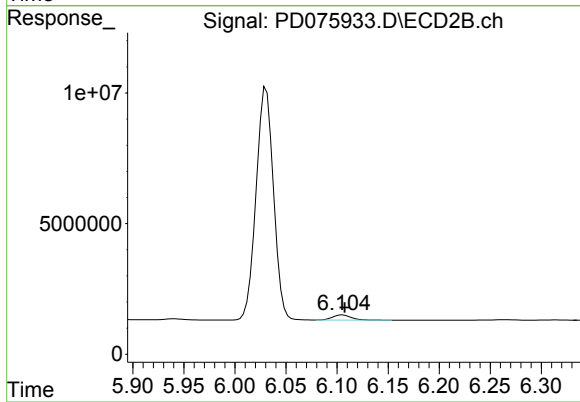
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 4635983
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

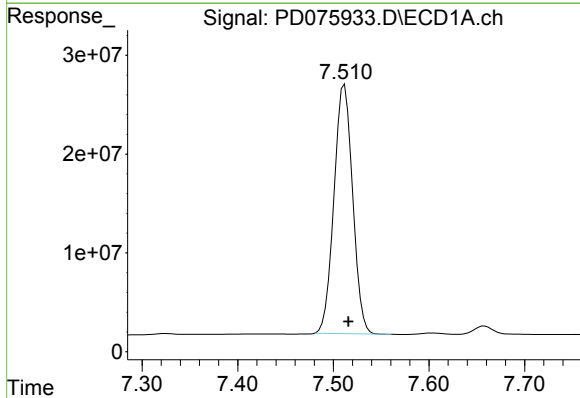
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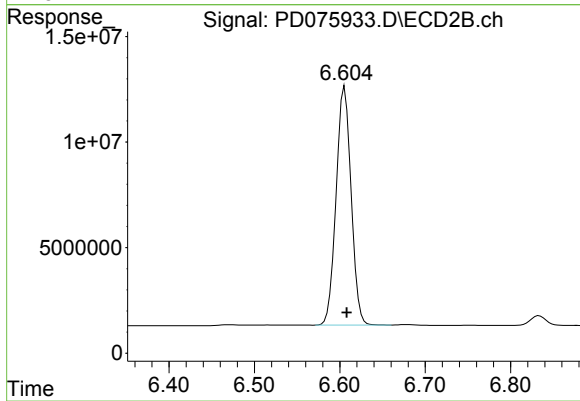
#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 2519450
Conc: 2.91 ng/ml



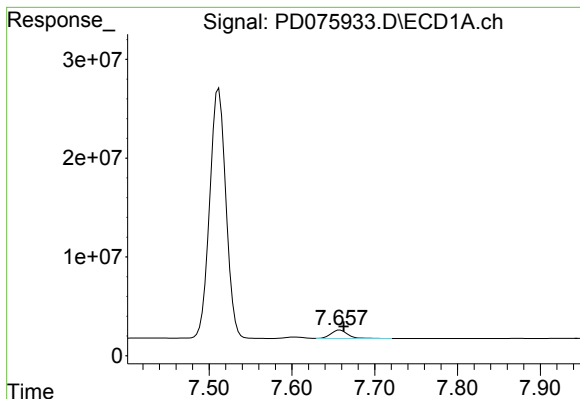
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: -0.004 min
Response: 341557049
Conc: 263.87 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.002 min
Response: 137989540
Conc: 298.13 ng/ml



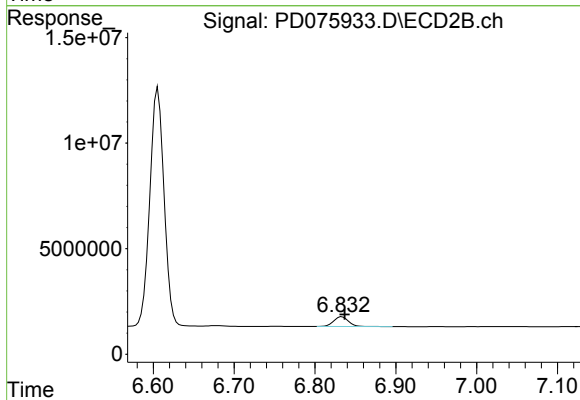
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 11844513
Conc: 4.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

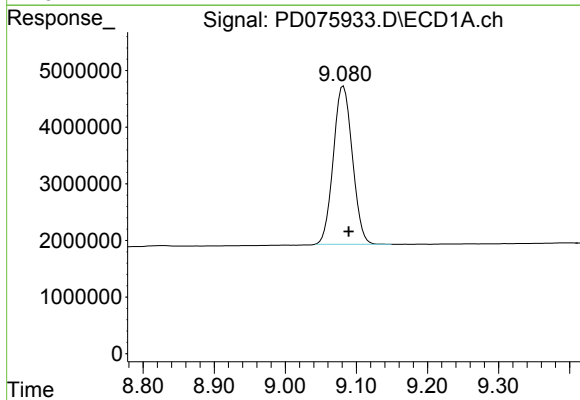
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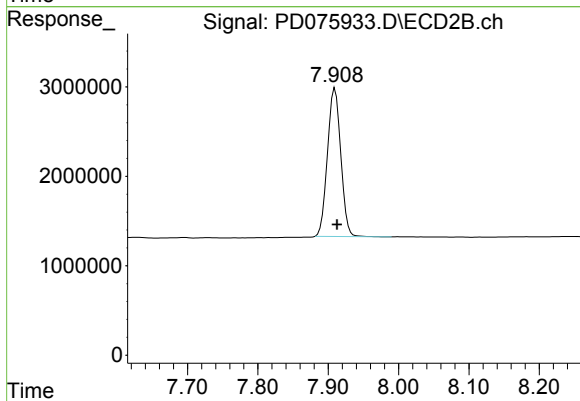
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 5844251
Conc: 4.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: -0.007 min
Response: 51994128
Conc: 20.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: -0.003 min
Response: 21797397
Conc: 22.29 ng/ml