

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061723\
 Data File : PD075867.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2023 18:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/19/2023
 Supervised By : Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 22:12:05 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	43308020	21695076	20.331	19.997
28)	SA Decachlor...	9.088	7.913	47297109	18966999	18.670	19.398
Target Compounds							
2)	A alpha-BHC	4.002	3.270	34726675	15227941	9.406	9.519
3)	MA gamma-BHC...	4.335	3.599	32609056	13935034	9.691	9.458
6)	B beta-BHC	4.532	3.896	15415576	6987293	10.722	10.962
12)	B 4,4'-DDE	6.203	5.228	440541	147274	0.154	0.132m
14)	MA Endrin	6.590	5.634	118.0E6	54411763	44.137	44.710
16)	A 4,4'-DDD	6.724	5.782	4743183	2337116	2.084	2.652 #
17)	MA 4,4'-DDT	7.039	6.033	221.6E6	96142722	97.660	118.360
18)	B Endrin al...	6.940	6.108	2359499	1754064	1.176	2.027 #
20)	A Methoxychlor	7.516	6.608	307.0E6	128.7E6	237.162	278.070
21)	B Endrin ke...	7.662	6.836	7126864	3236574	2.558	2.664

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

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ALS Vial : 3 Sample Multiplier: 1

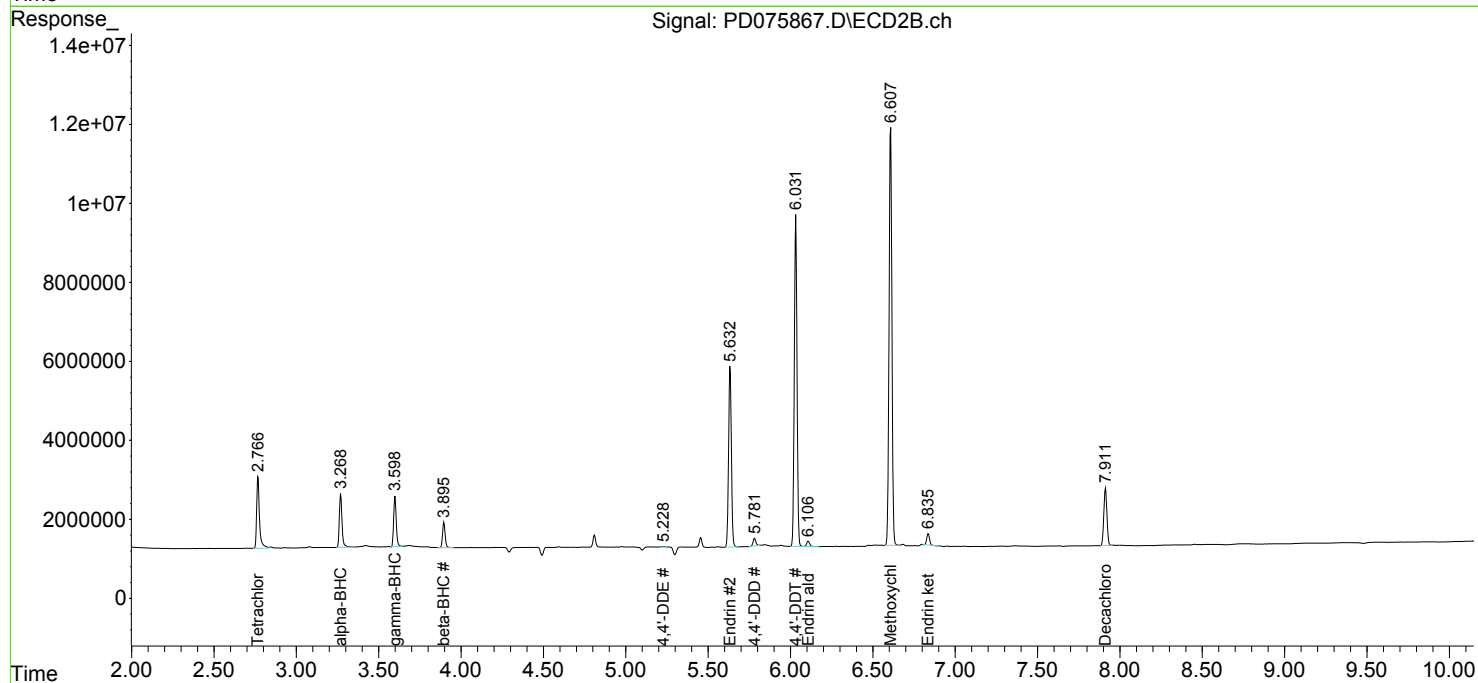
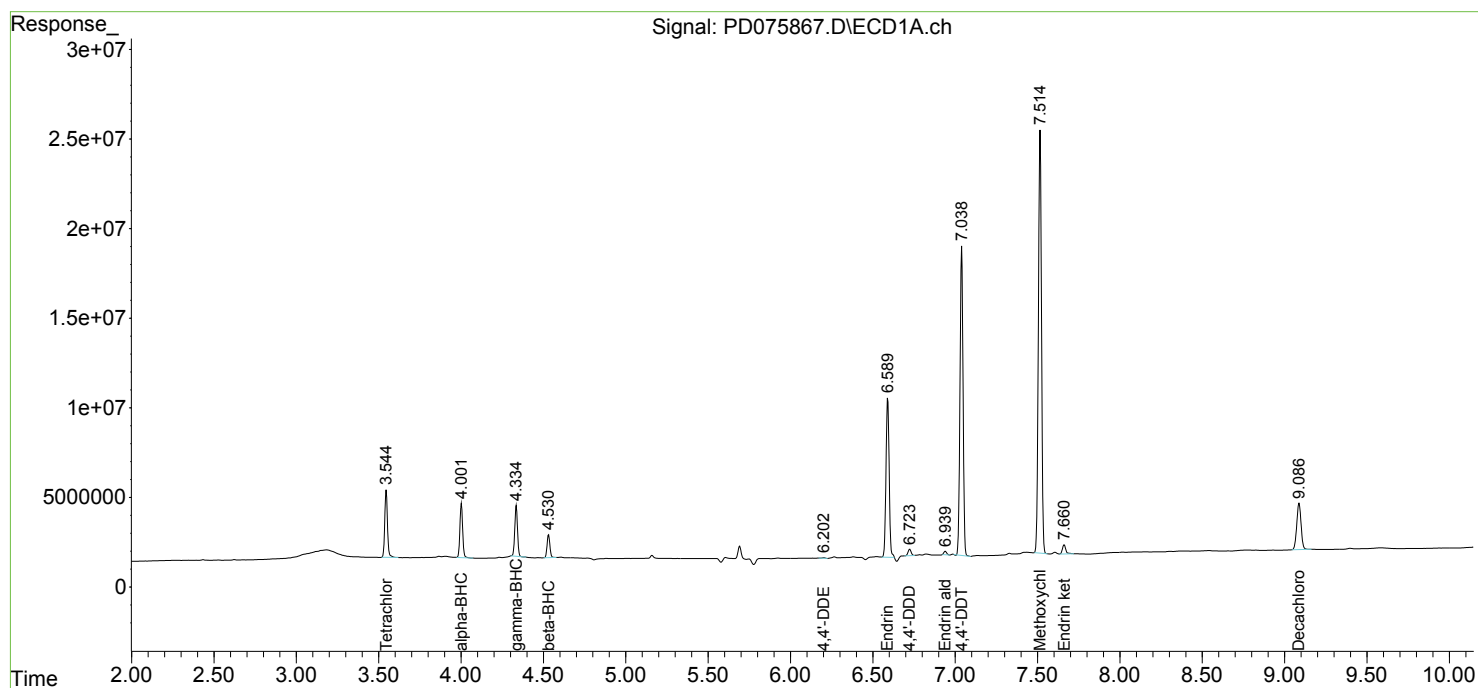
Instrument :
ECD_D
ClientSampleId :
PEM

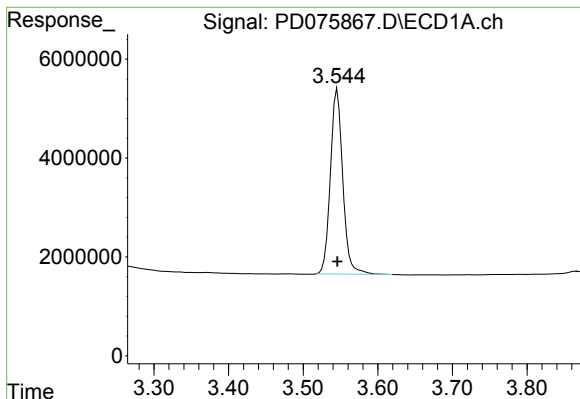
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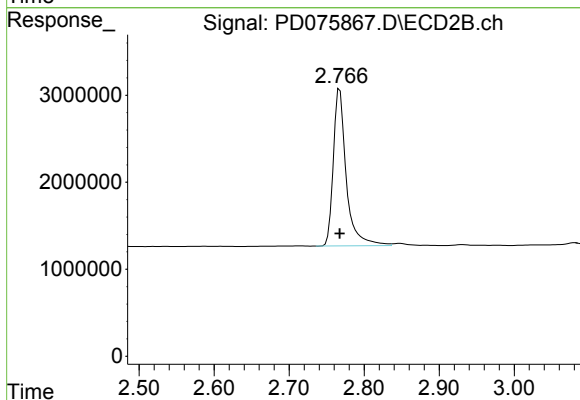
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 43308020
Conc: 20.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

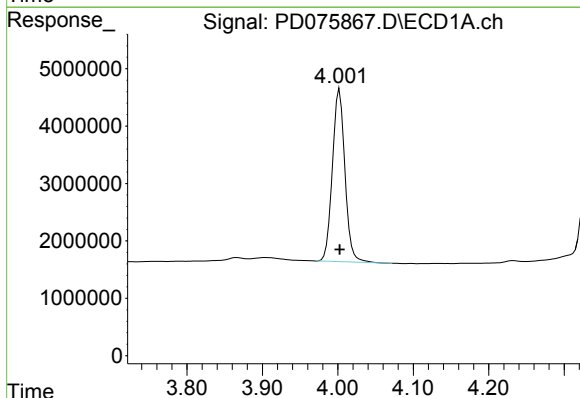
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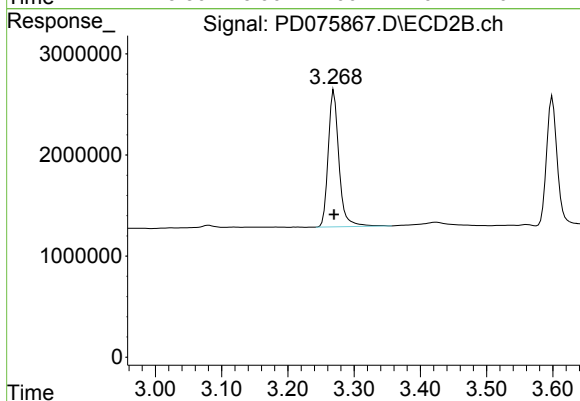
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 21695076
Conc: 20.00 ng/ml



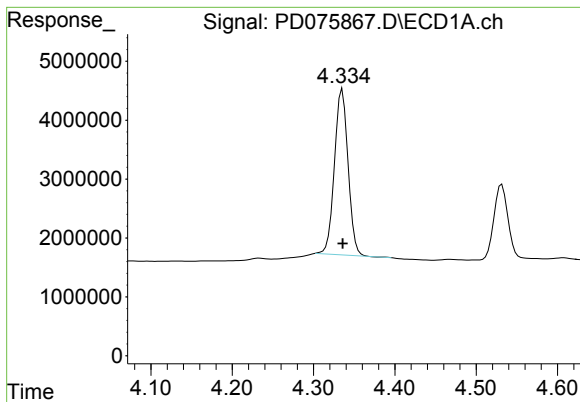
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 34726675
Conc: 9.41 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 15227941
Conc: 9.52 ng/ml



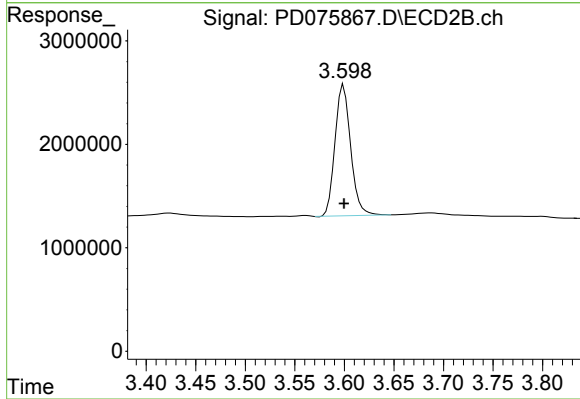
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 32609056
Conc: 9.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

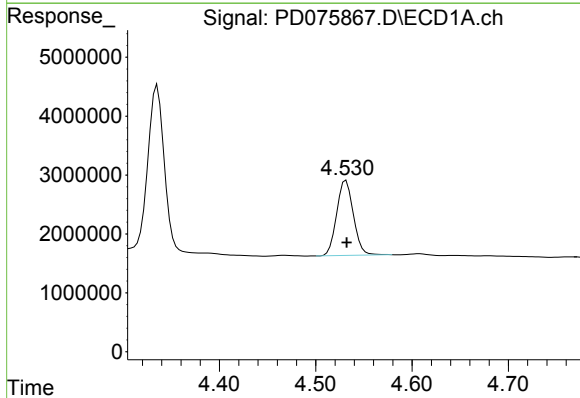
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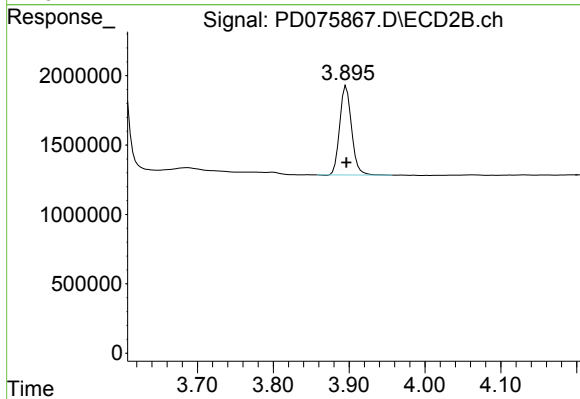
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 13935034
Conc: 9.46 ng/ml



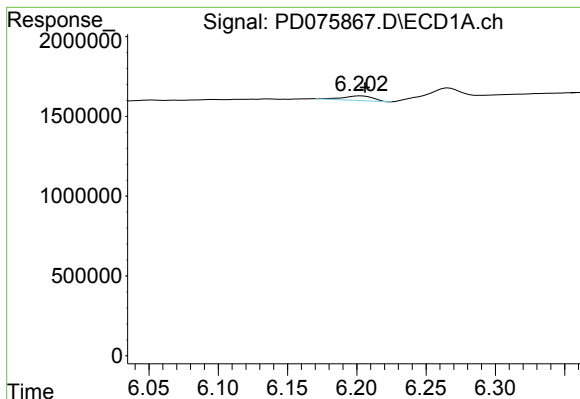
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 15415576
Conc: 10.72 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 6987293
Conc: 10.96 ng/ml



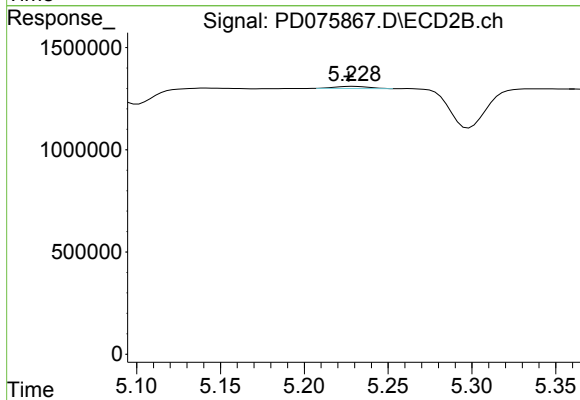
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: -0.003 min
Response: 440541
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

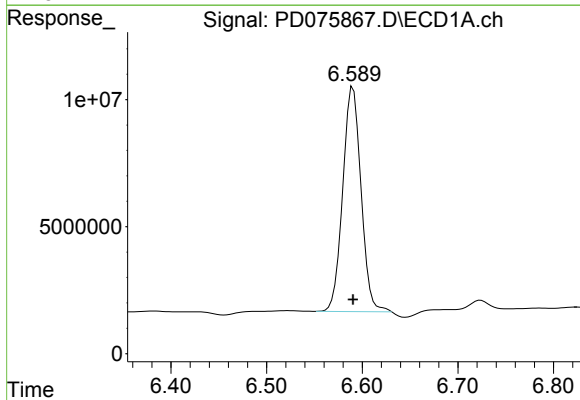
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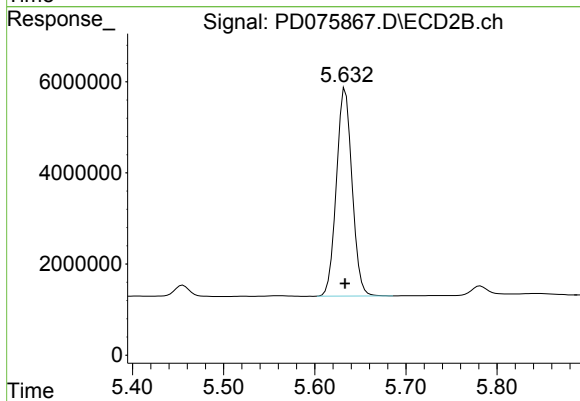
#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: 0.002 min
Response: 147274
Conc: 0.13 ng/ml m



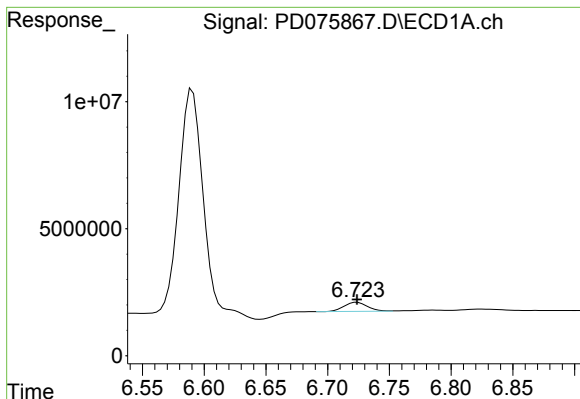
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 118038456
Conc: 44.14 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 54411763
Conc: 44.71 ng/ml



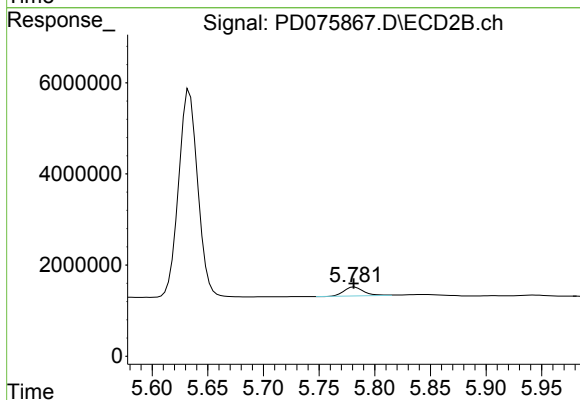
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 4743183
Conc: 2.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

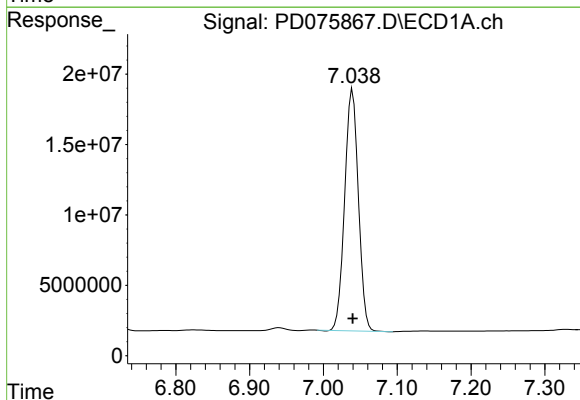
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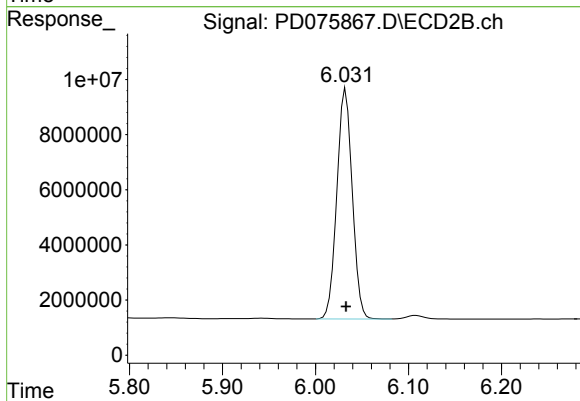
#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 2337116
Conc: 2.65 ng/ml



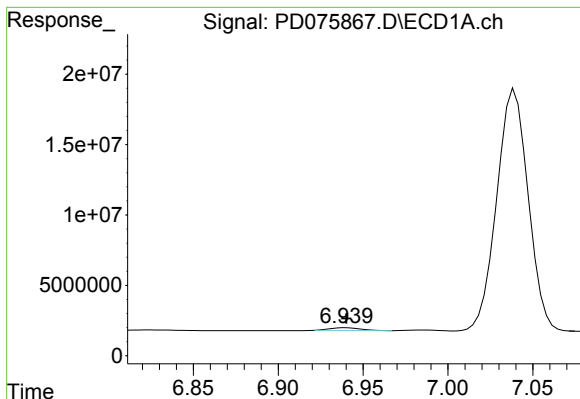
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 221617292
Conc: 97.66 ng/ml



#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 96142722
Conc: 118.36 ng/ml



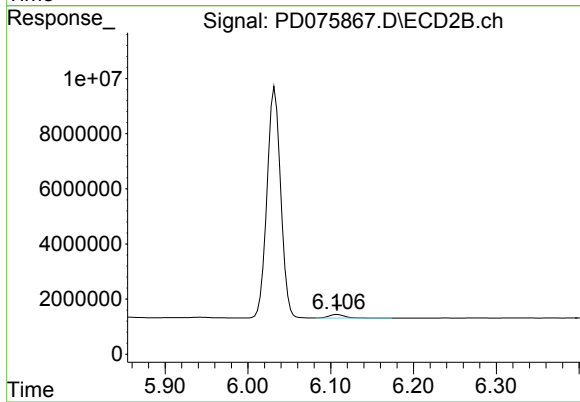
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 2359499
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

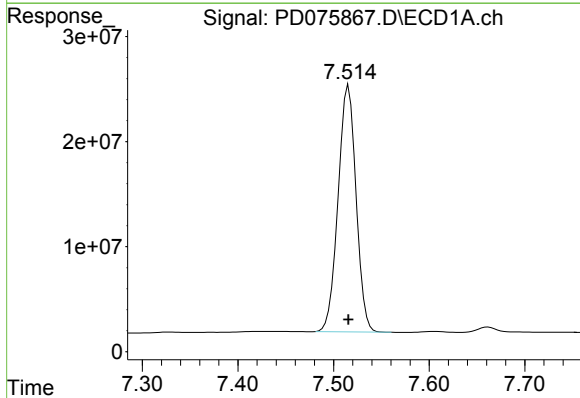
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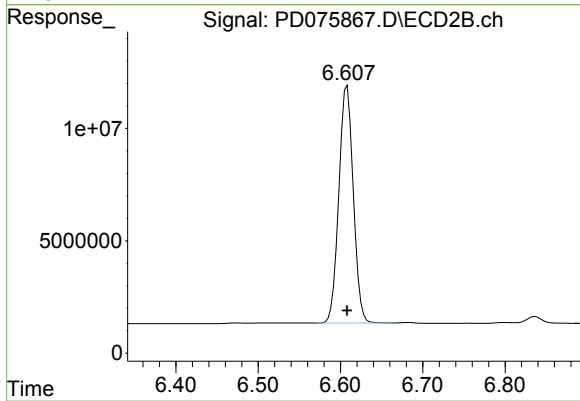
#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 1754064
Conc: 2.03 ng/ml



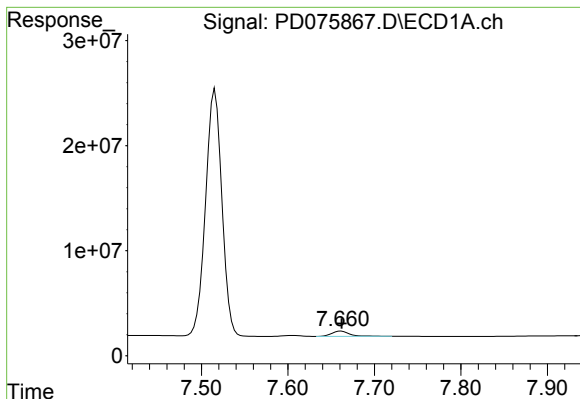
#20 Methoxychlor

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 306981001
Conc: 237.16 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 128703004
Conc: 278.07 ng/ml



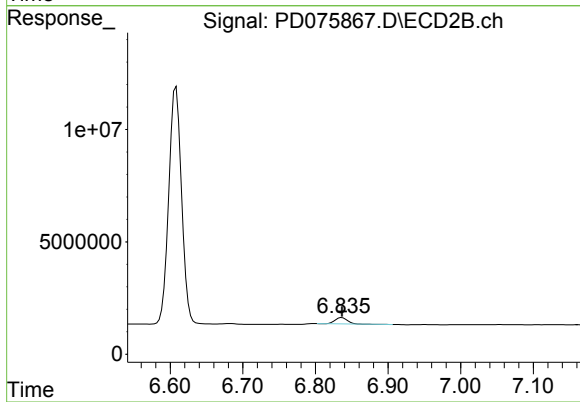
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 7126864
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

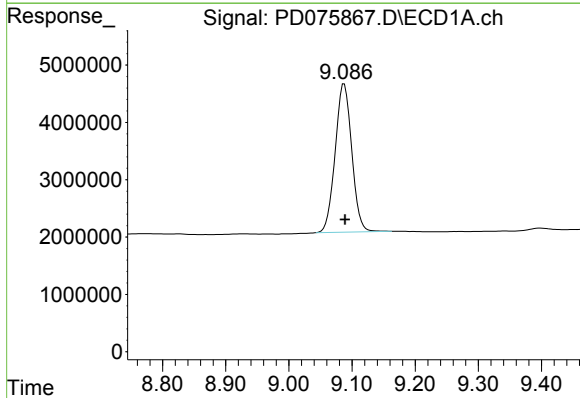
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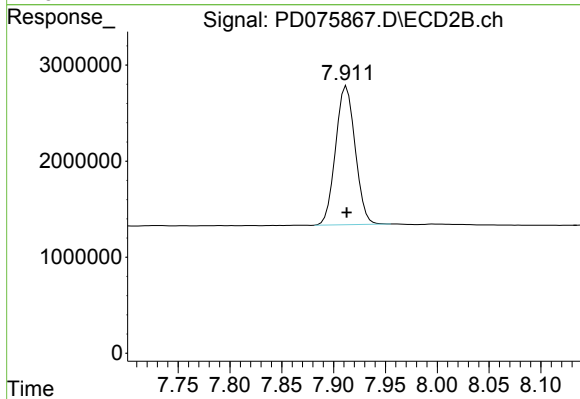
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 3236574
Conc: 2.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: -0.001 min
Response: 47297109
Conc: 18.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 18966999
Conc: 19.40 ng/ml