

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061523\
 Data File : PD075813.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jun 2023 20:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/16/2023
 Supervised By : Ankita Jodhani 06/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 03:51:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 03:47:52 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	44958402	22867919	21.106	21.078
28)	SA Decachlor...	9.088	7.914	54248717	20686172	21.414	21.156
Target Compounds							
2)	A alpha-BHC	4.003	3.270	36805732	15930048	9.969	9.958
3)	MA gamma-BHC...	4.336	3.599	33957611	14716797	10.092	9.988
6)	B beta-BHC	4.532	3.897	15673692	7298175	10.902	11.450
12)	B 4,4'-DDE	6.209	5.230	317933	319024	0.111	0.286m#
14)	MA Endrin	6.591	5.634	129.8E6	58478969	50.053	48.052
16)	A 4,4'-DDD	6.725	5.784	1835882	849285	0.807	0.964
17)	MA 4,4'-DDT	7.040	6.033	256.8E6	98658613	113.170	121.457
18)	B Endrin al...	6.940	6.107	2627372	1894252	1.309	2.189m#
20)	A Methoxychlor	7.515	6.609	346.7E6	126.3E6	267.877	272.895
21)	B Endrin ke...	7.662	6.837	7014656	3324672	2.518	2.736

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

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Acq On : 15 Jun 2023 20:29
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

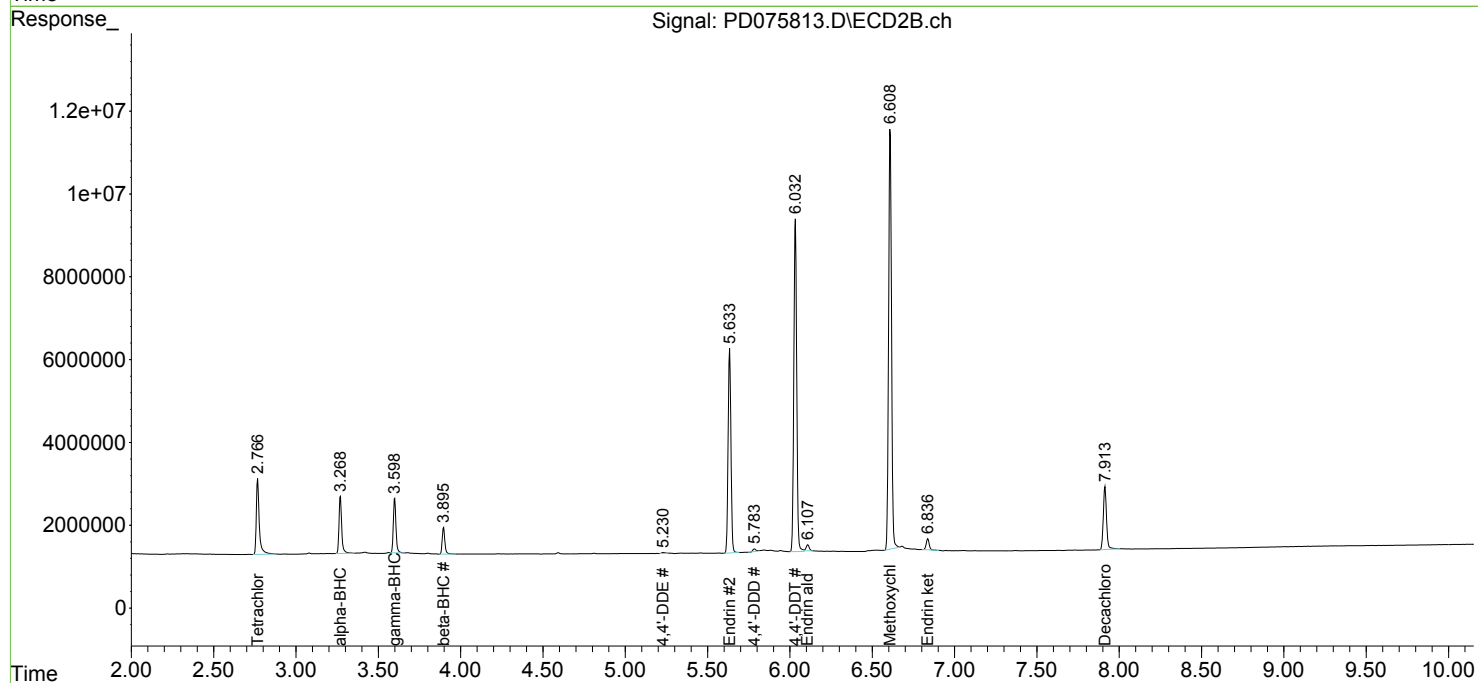
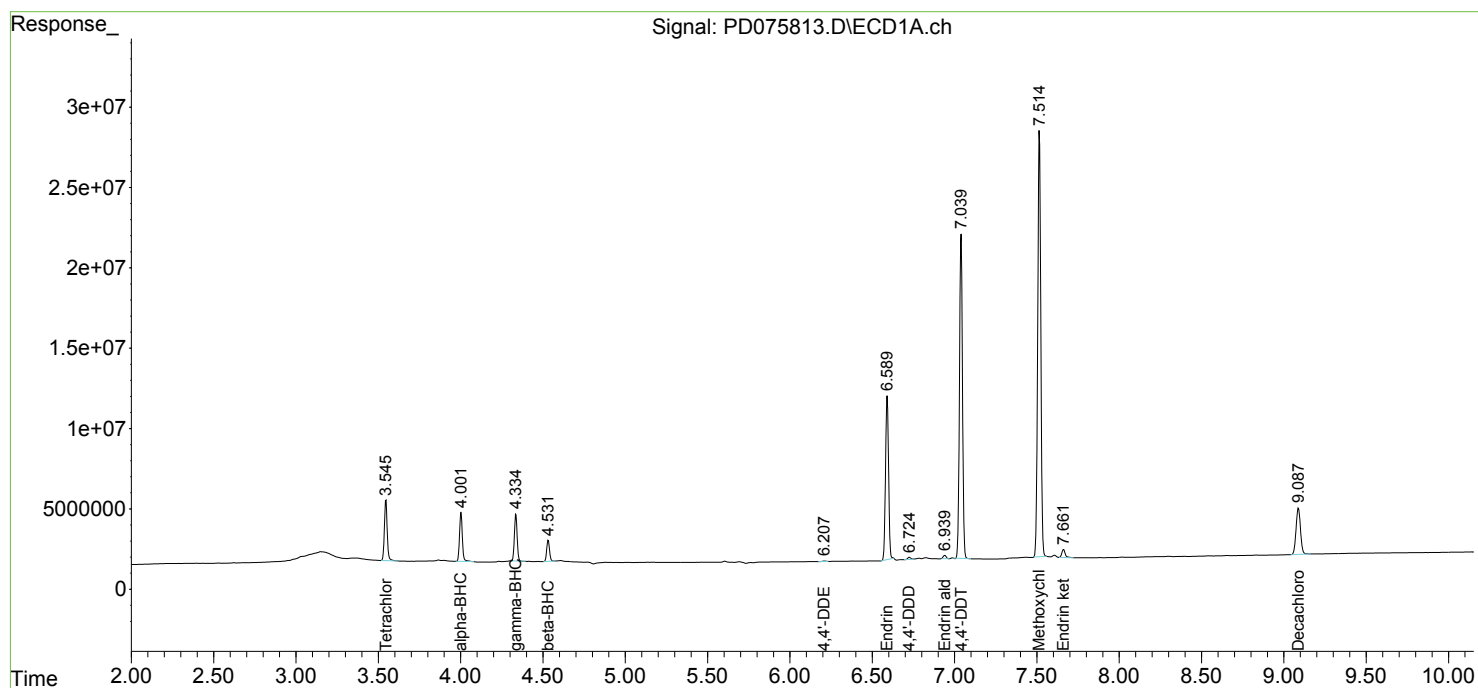
Instrument :
ECD_D
ClientSampleId :
PEM

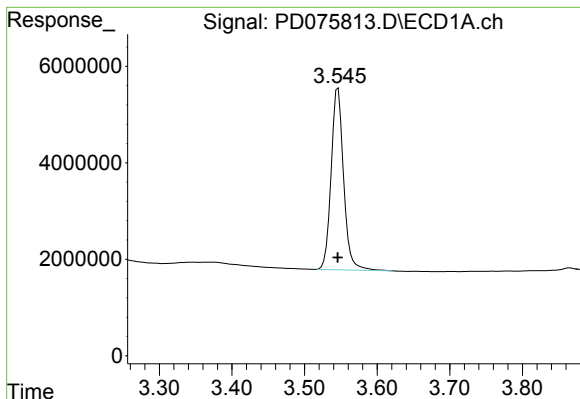
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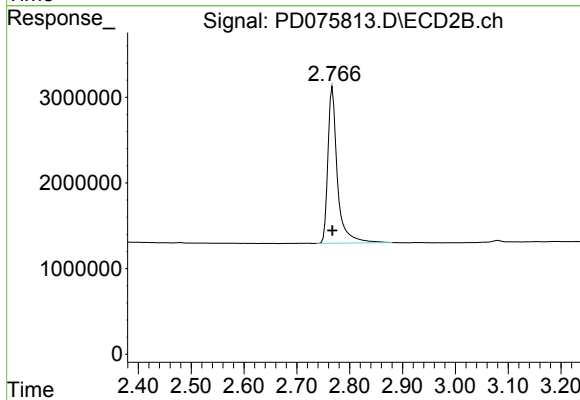
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 44958402
Conc: 21.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

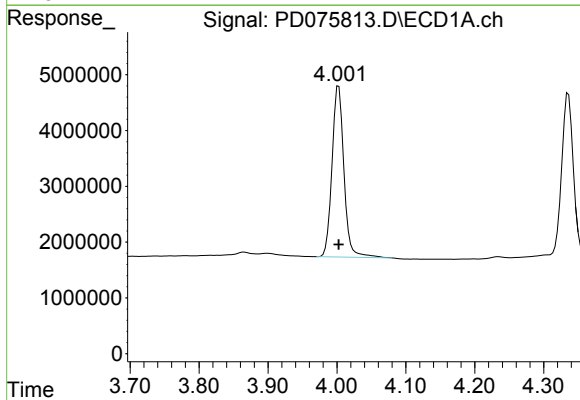
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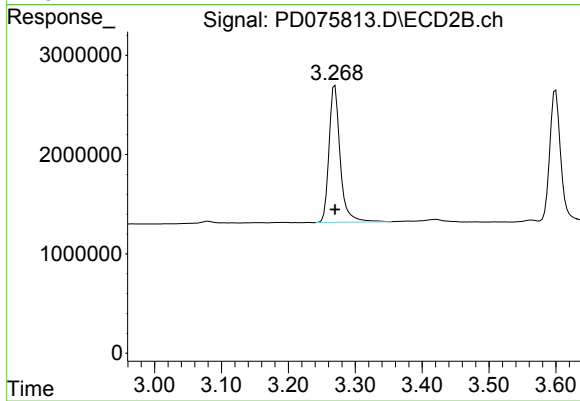
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 22867919
Conc: 21.08 ng/ml



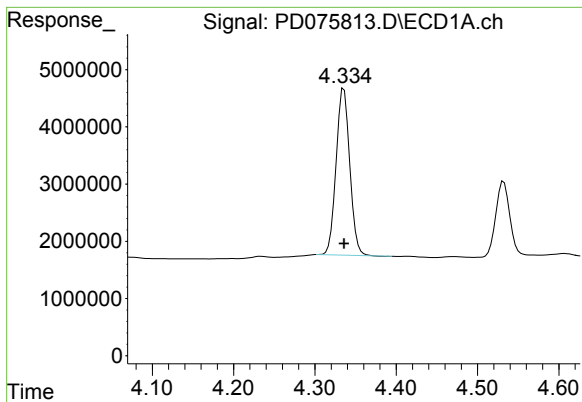
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 36805732
Conc: 9.97 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 15930048
Conc: 9.96 ng/ml



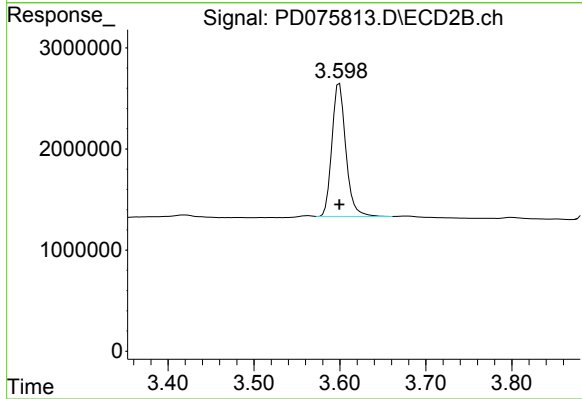
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 33957611
Conc: 10.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

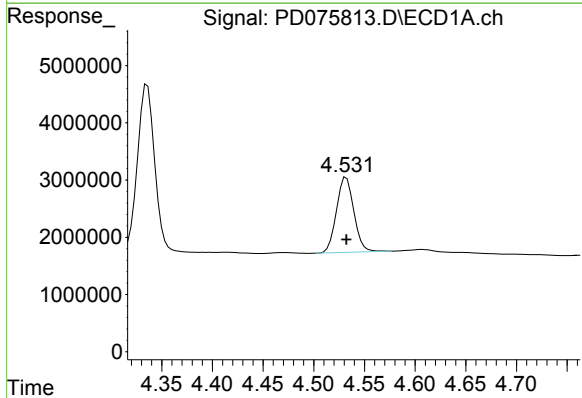
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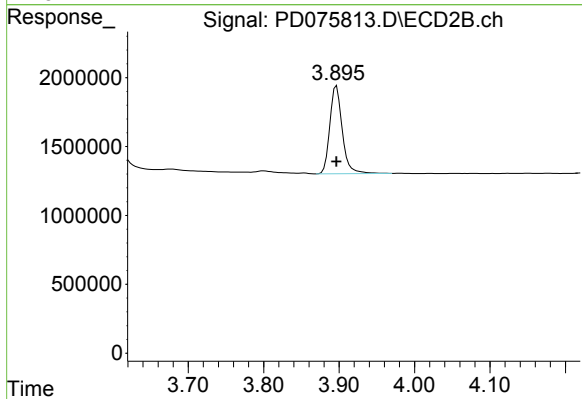
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 14716797
Conc: 9.99 ng/ml



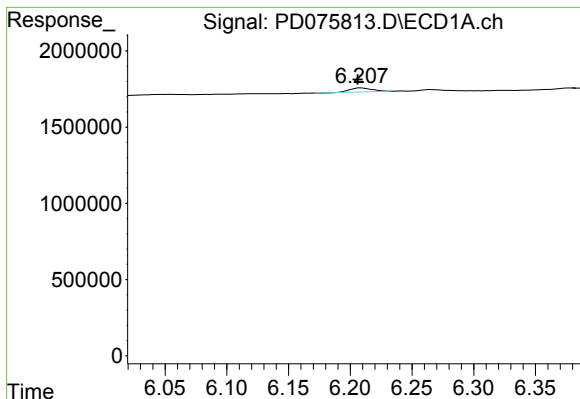
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 15673692
Conc: 10.90 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 7298175
Conc: 11.45 ng/ml



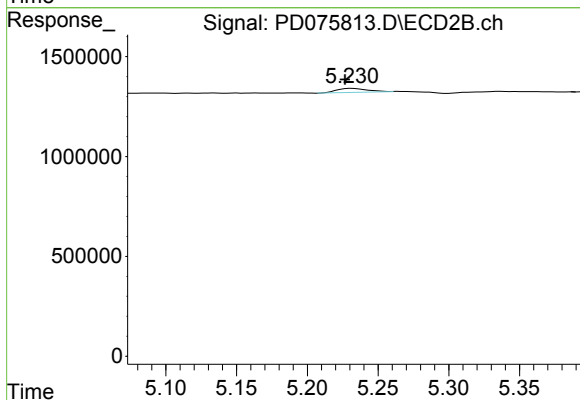
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: 0.003 min
Response: 317933
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

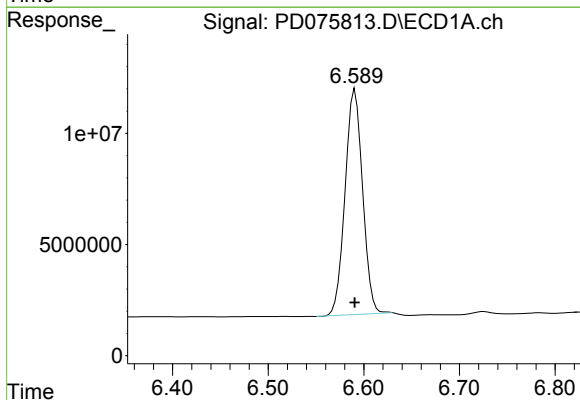
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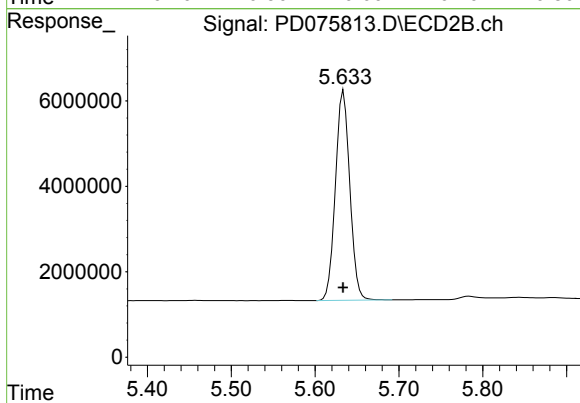
#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.003 min
Response: 319024
Conc: 0.29 ng/ml m



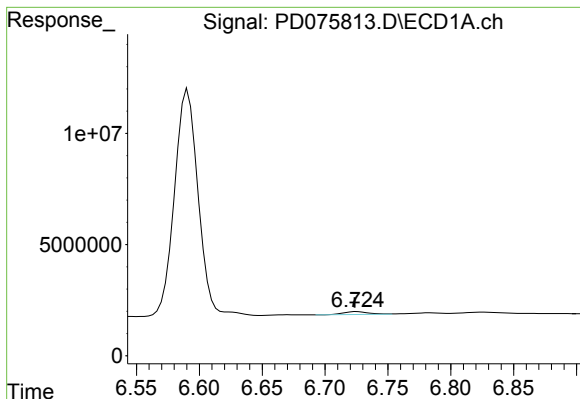
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 129843807
Conc: 50.05 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 58478969
Conc: 48.05 ng/ml



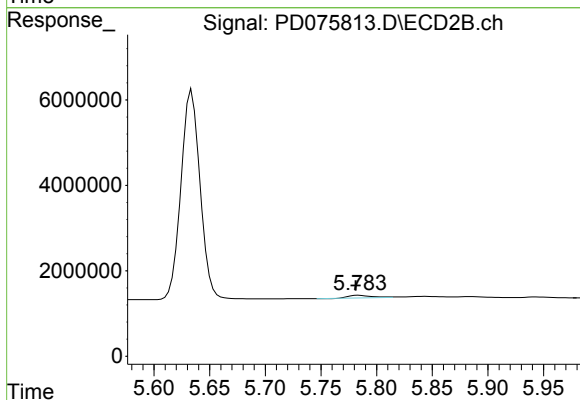
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.002 min
Response: 1835882
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

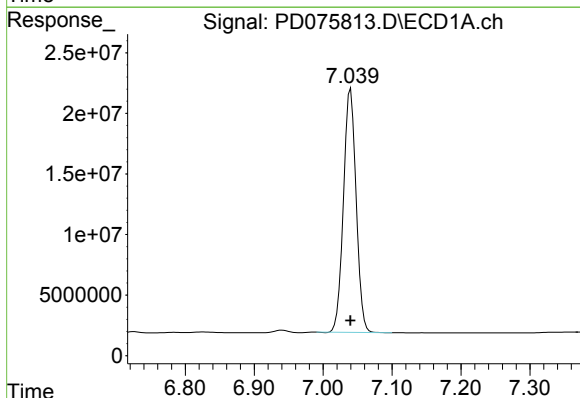
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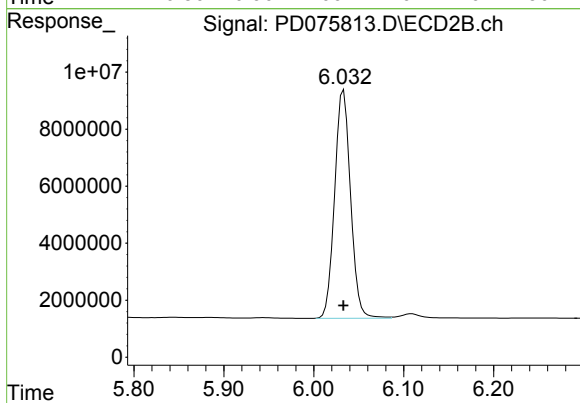
#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.003 min
Response: 849285
Conc: 0.96 ng/ml



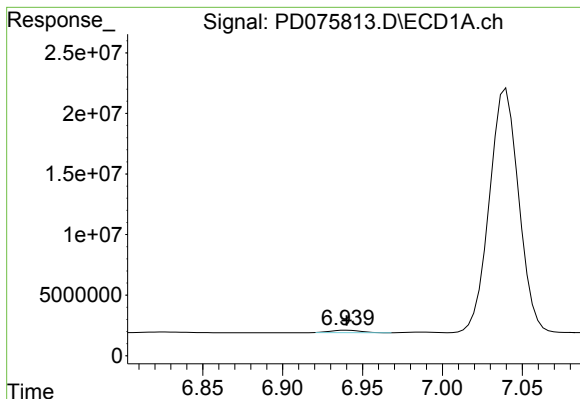
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 256813380
Conc: 113.17 ng/ml



#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 98658613
Conc: 121.46 ng/ml



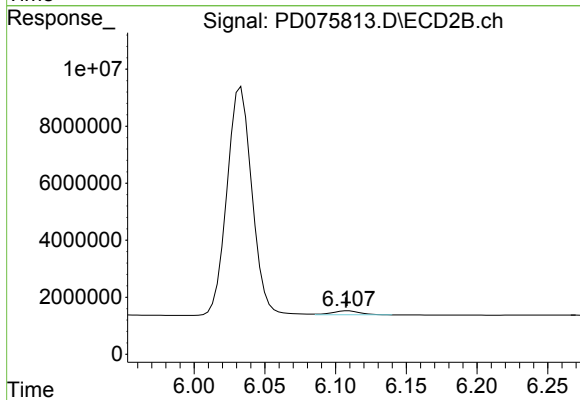
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 2627372
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

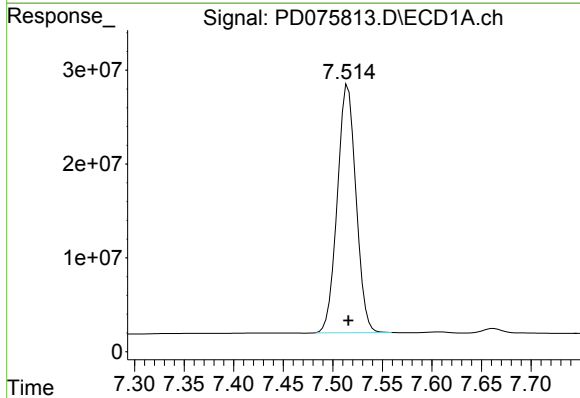
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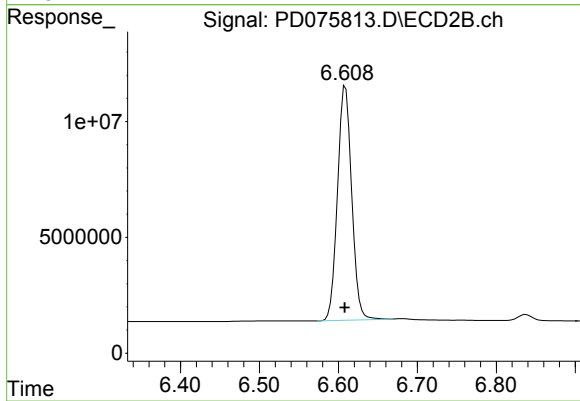
#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 1894252
Conc: 2.19 ng/ml m



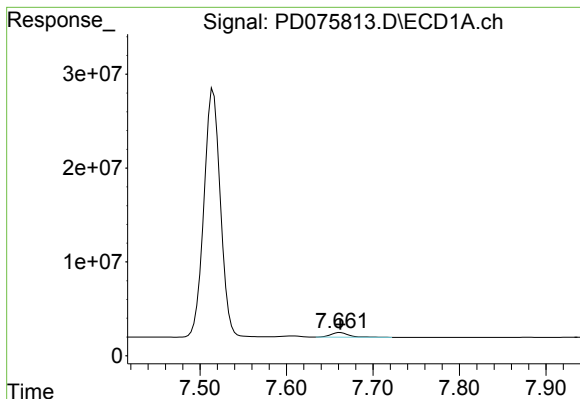
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 346738726
Conc: 267.88 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 126307776
Conc: 272.90 ng/ml



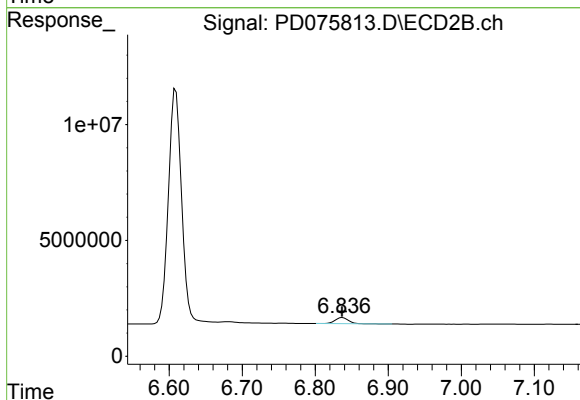
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 7014656
Conc: 2.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

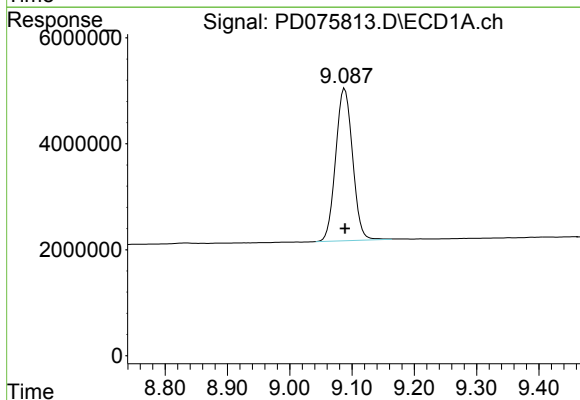
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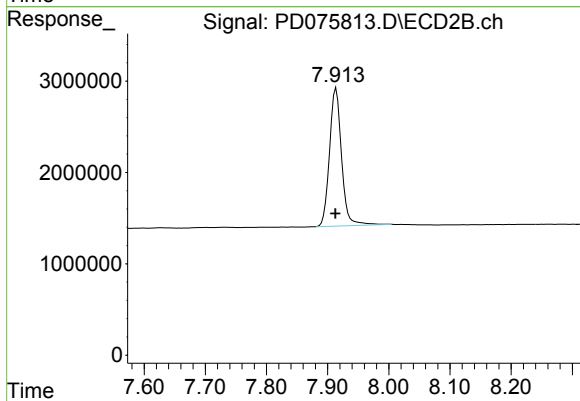
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 3324672
Conc: 2.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 54248717
Conc: 21.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.001 min
Response: 20686172
Conc: 21.16 ng/ml