

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
 Data File : PD075885.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 09:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/20/2023
 Supervised By : Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 13:22:08 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...	3.547	2.767	48901316	25143527	22.957	23.175
28)	SA Decachlor...	9.090	7.914	52648869	22476261	20.782	22.987
Target Compounds							
2)	A alpha-BHC	4.003	3.269	38850595	17302557	10.523	10.816
3)	MA gamma-BHC...	4.337	3.599	36985994	16061753	10.992	10.901
6)	B beta-BHC	4.533	3.896	17681479	8038475	12.298	12.611
12)	B 4,4'-DDE	6.207	5.226	289573	220256	0.101	0.197m#
14)	MA Endrin	6.592	5.634	129.3E6	59634294	48.331	49.001
16)	A 4,4'-DDD	6.725	5.782	7094626	3446170	3.118	3.910 #
17)	MA 4,4'-DDT	7.040	6.033	259.7E6	107.1E6	114.433m	131.907
18)	B Endrin al...	6.940	6.107	3778561	2227830	1.883m	2.574m#
20)	A Methoxychlor	7.517	6.608	349.1E6	130.4E6	269.698	281.838
21)	B Endrin ke...	7.663	6.836	9500464	5144617	3.410	4.234m

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

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Acq On : 19 Jun 2023 09:05
Operator : AR\AJ
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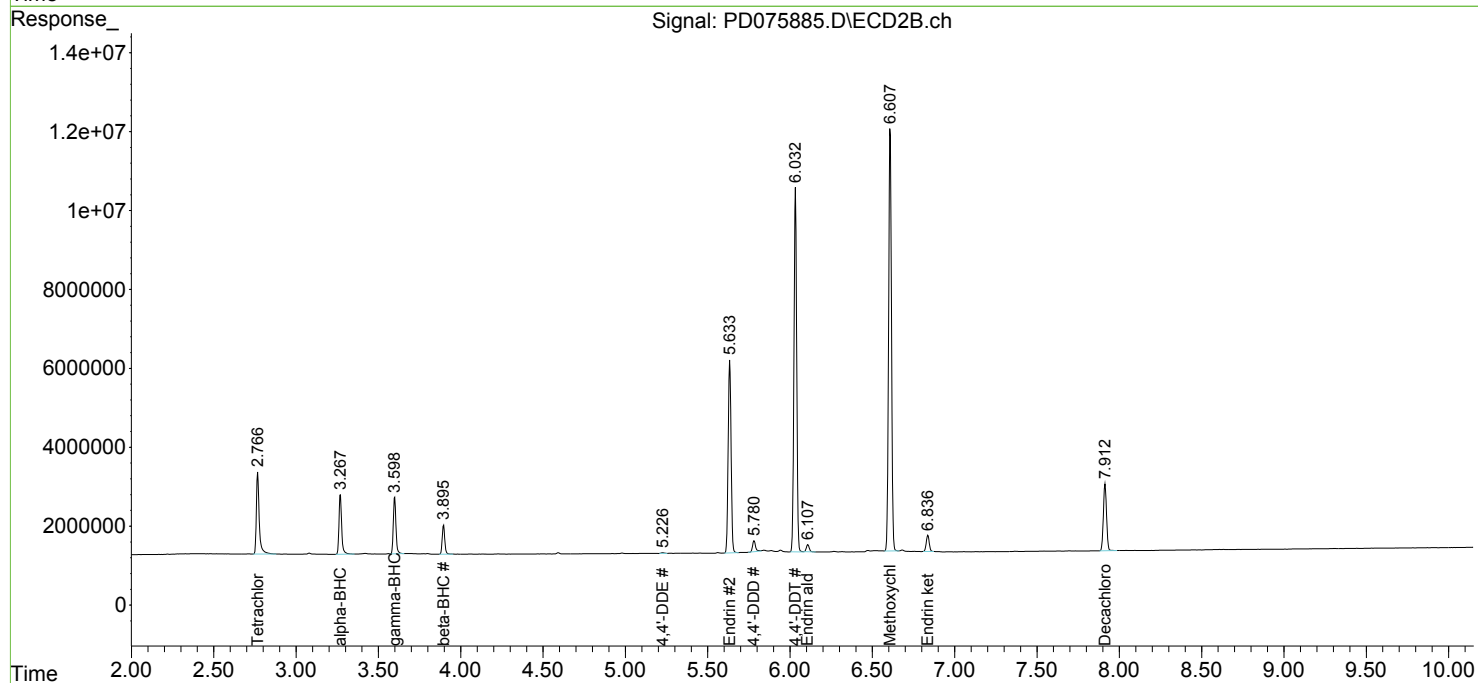
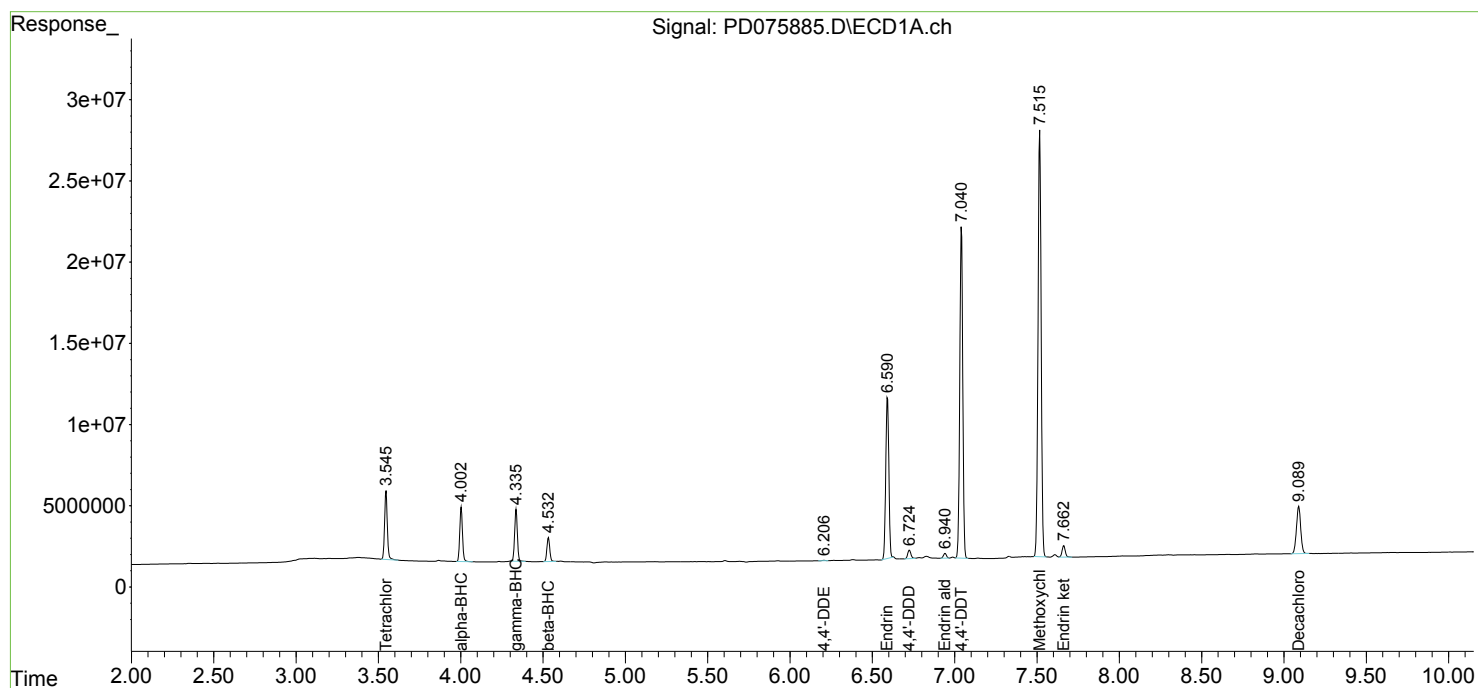
Instrument :
ECD_D
ClientSampleId :
PEM

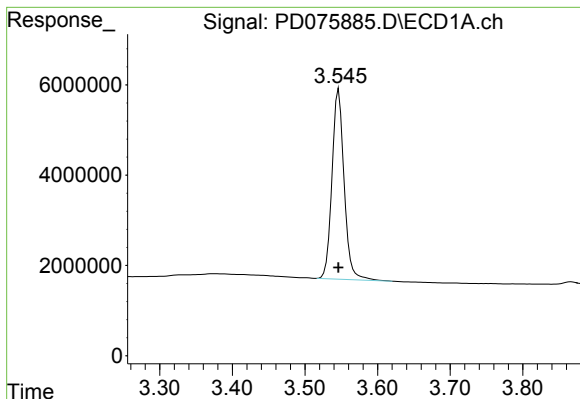
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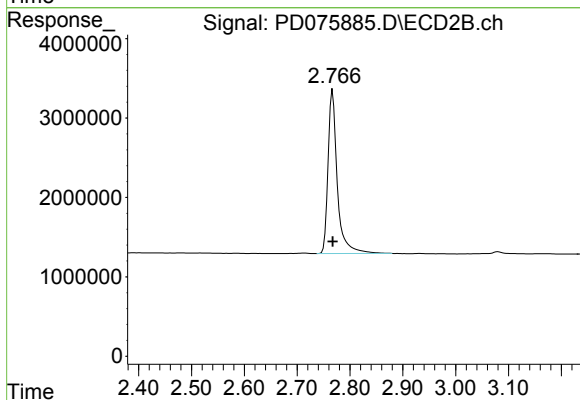
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 48901316
Conc: 22.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

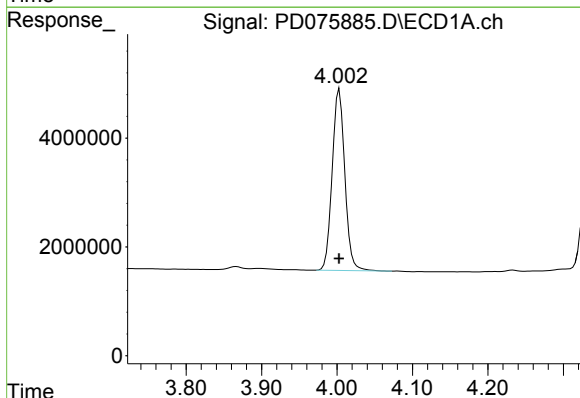
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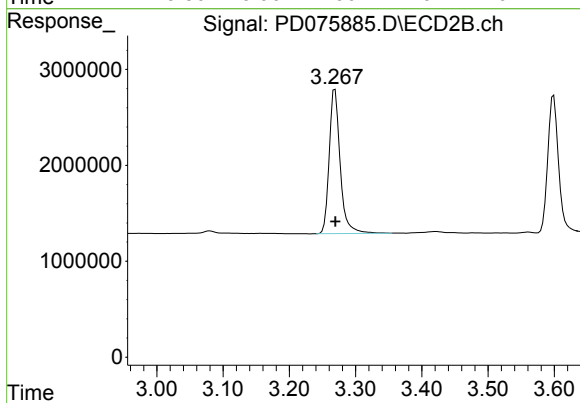
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 25143527
Conc: 23.18 ng/ml



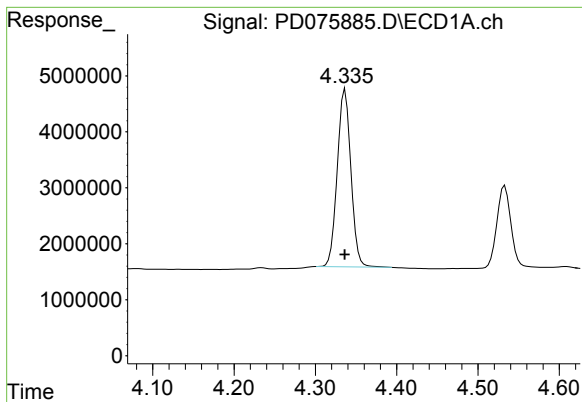
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 38850595
Conc: 10.52 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 17302557
Conc: 10.82 ng/ml



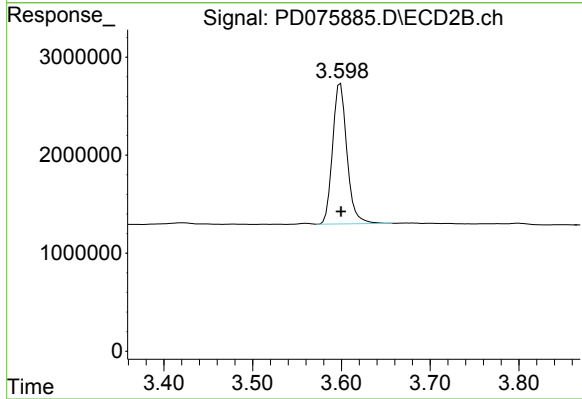
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 36985994
Conc: 10.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

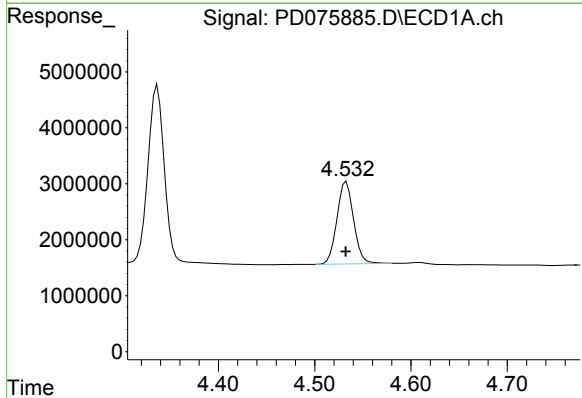
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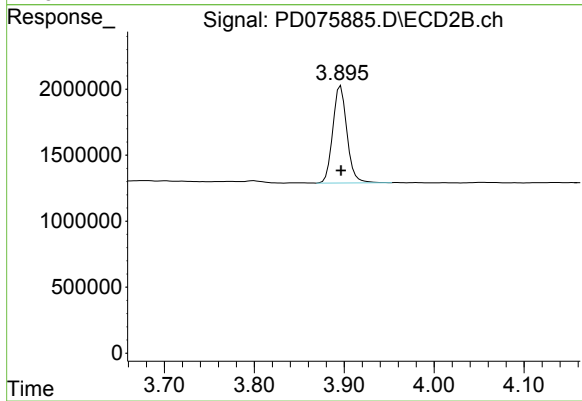
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 16061753
Conc: 10.90 ng/ml



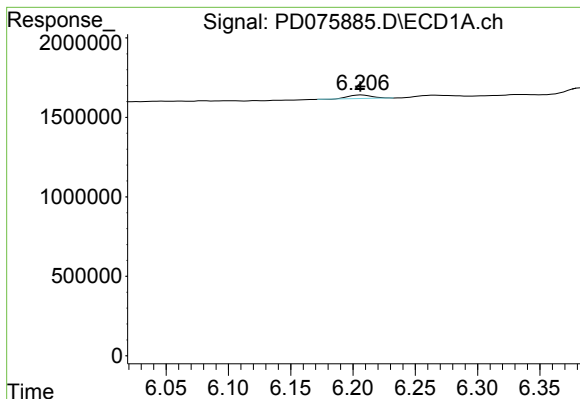
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 17681479
Conc: 12.30 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 8038475
Conc: 12.61 ng/ml



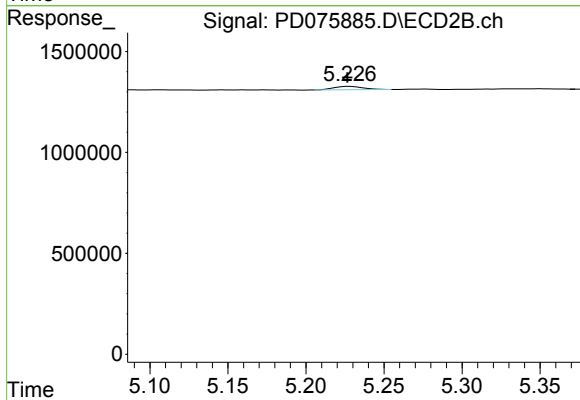
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.001 min
Response: 289573
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

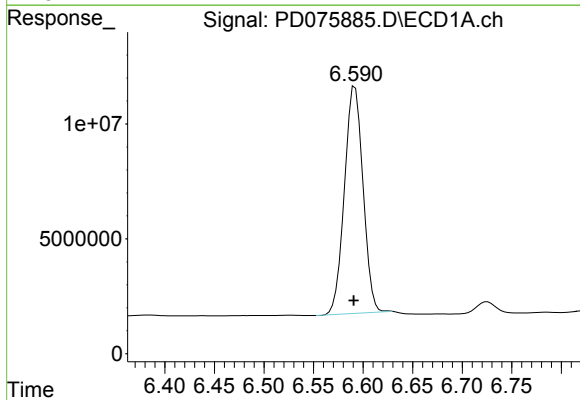
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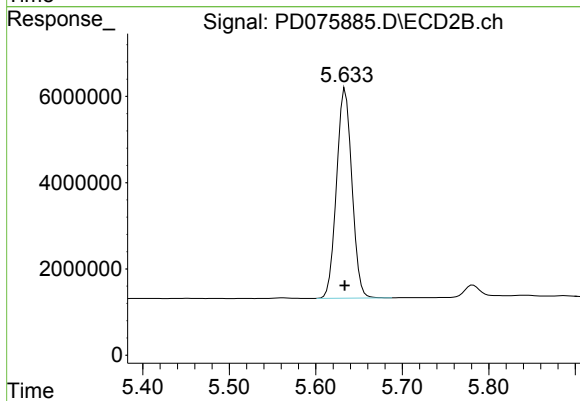
#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 220256
Conc: 0.20 ng/ml m



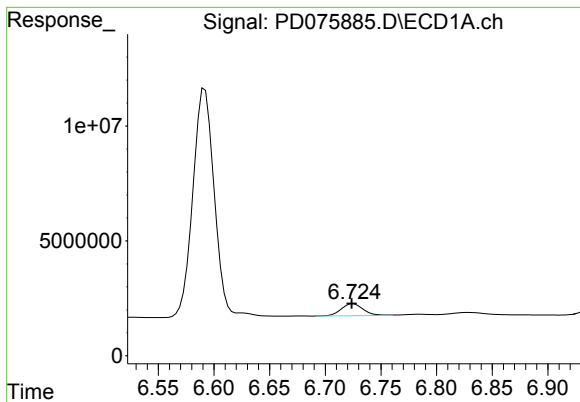
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.001 min
Response: 129253428
Conc: 48.33 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 59634294
Conc: 49.00 ng/ml



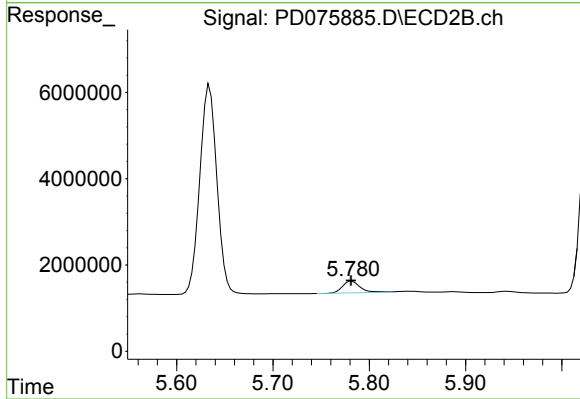
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.002 min
Response: 7094626
Conc: 3.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

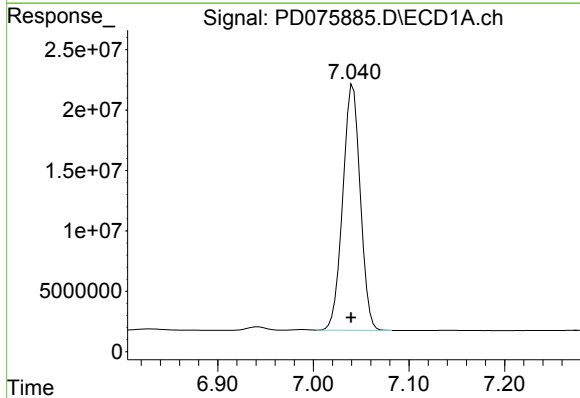
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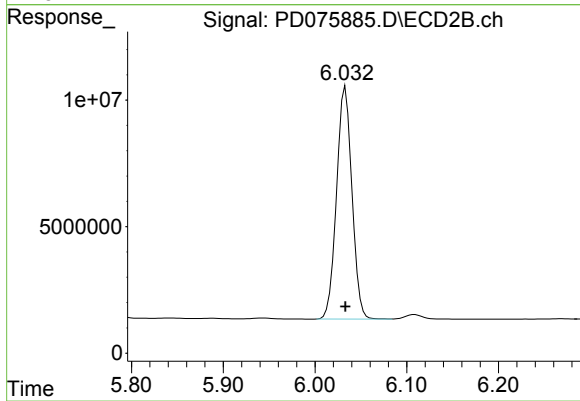
#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 3446170
Conc: 3.91 ng/ml



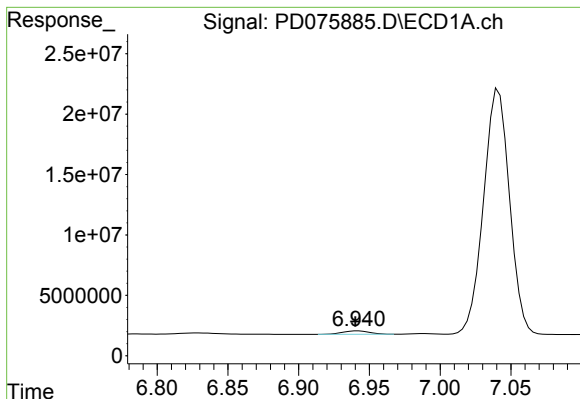
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 259678001
Conc: 114.43 ng/ml m



#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 107147158
Conc: 131.91 ng/ml



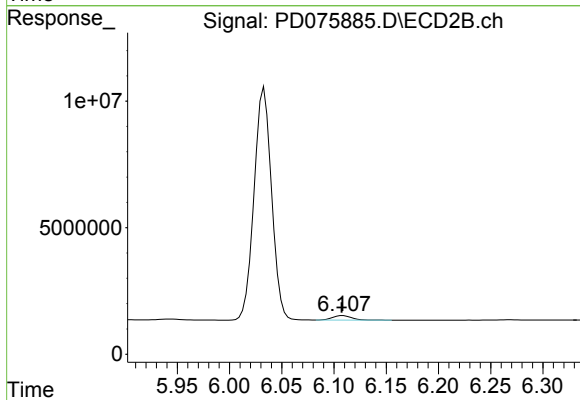
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 3778561
Conc: 1.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

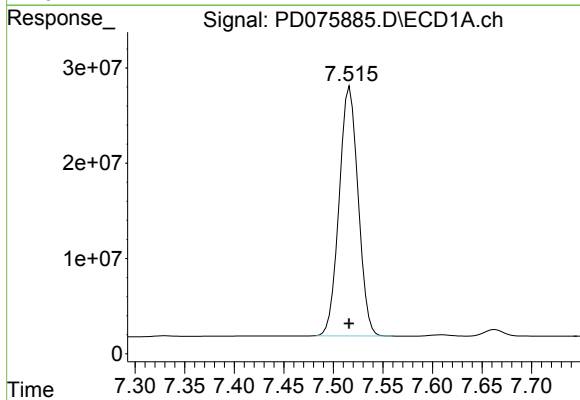
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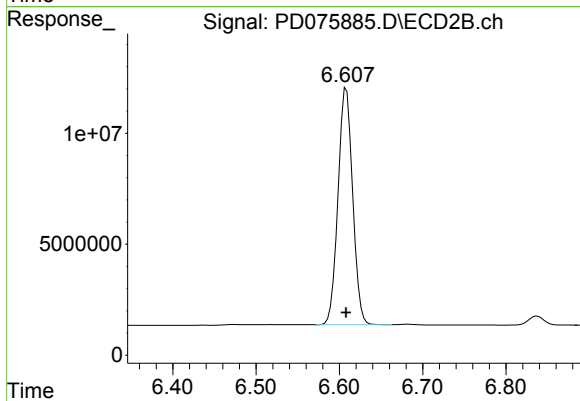
#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 2227830
Conc: 2.57 ng/ml m



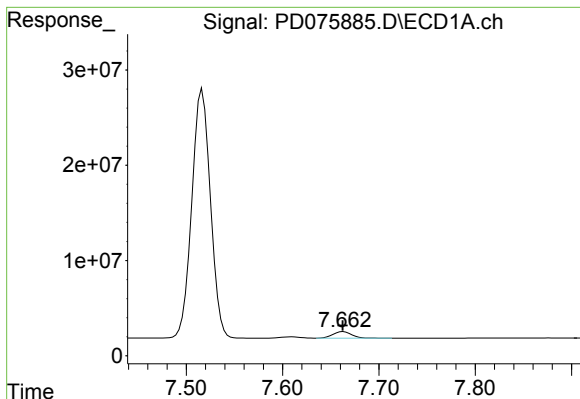
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.001 min
Response: 349095834
Conc: 269.70 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 130446799
Conc: 281.84 ng/ml



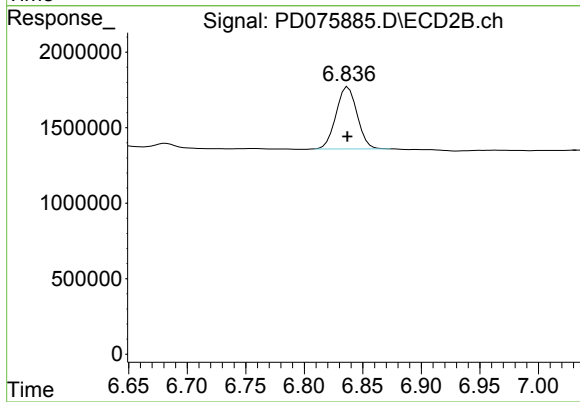
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 9500464
Conc: 3.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

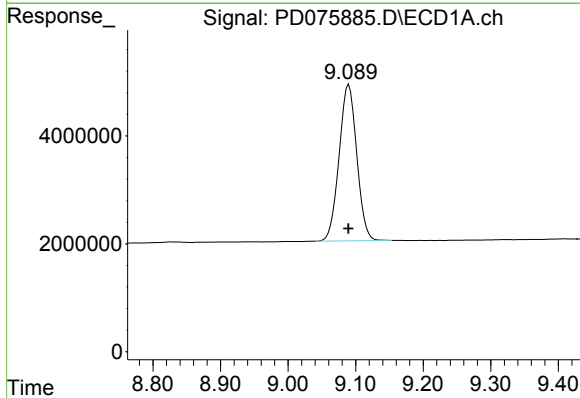
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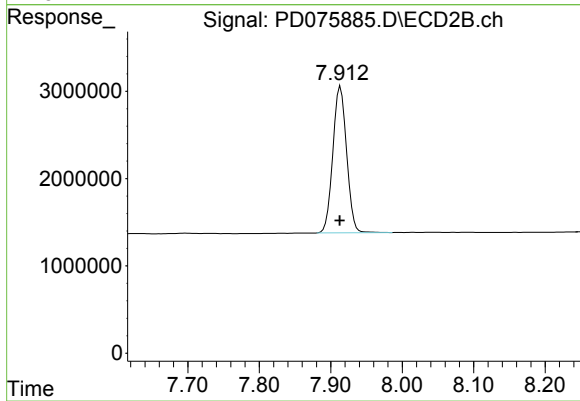
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 5144617
Conc: 4.23 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.001 min
Response: 52648869
Conc: 20.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.001 min
Response: 22476261
Conc: 22.99 ng/ml