

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121922\
 Data File : PD073351.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2022 09:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/20/2022
 Supervised By : Ankita Jodhani 12/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 20:16:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	2.696	3.457	44311081	1974.0E6	21.143	20.072
28)	SA Decachlor...	7.823	8.906	51002277	401.3E6	21.065	22.768
Target Compounds							
2)	A alpha-BHC	3.199	3.921	34339007	1393.8E6	9.928	10.428
3)	MA gamma-BHC...	3.529	4.254	31416190	1062.6E6	11.425	10.769
6)	B beta-BHC	3.831	4.470	15652244	393.1E6	12.326	11.602
14)	MA Endrin	5.555	6.484	128.3E6	1720.1E6	49.960	52.356
16)	A 4,4'-DDD	5.701	6.618	703145	22568479	0.312m	0.722m#
17)	MA 4,4'-DDT	5.949	6.925	244.4E6	3054.5E6	110.330m	101.077
18)	B Endrin al...	6.035	6.844	3209839	34820796	1.705	1.485m
20)	A Methoxychlor	6.533	7.405	321.8E6	3239.3E6	241.443	239.324
21)	B Endrin ke...	6.767	7.567	7353469	72658201	2.706	2.646

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

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Acq On : 19 Dec 2022 09:28
Operator : AR\AJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

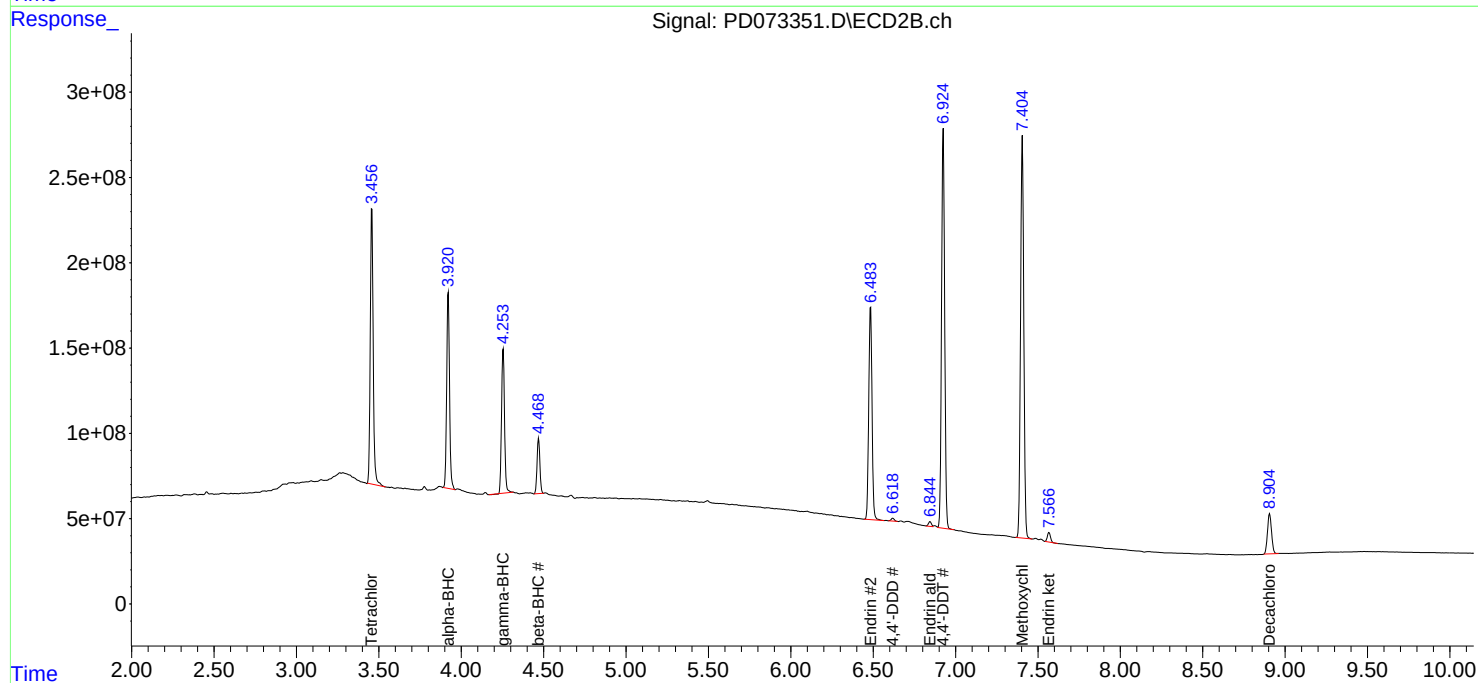
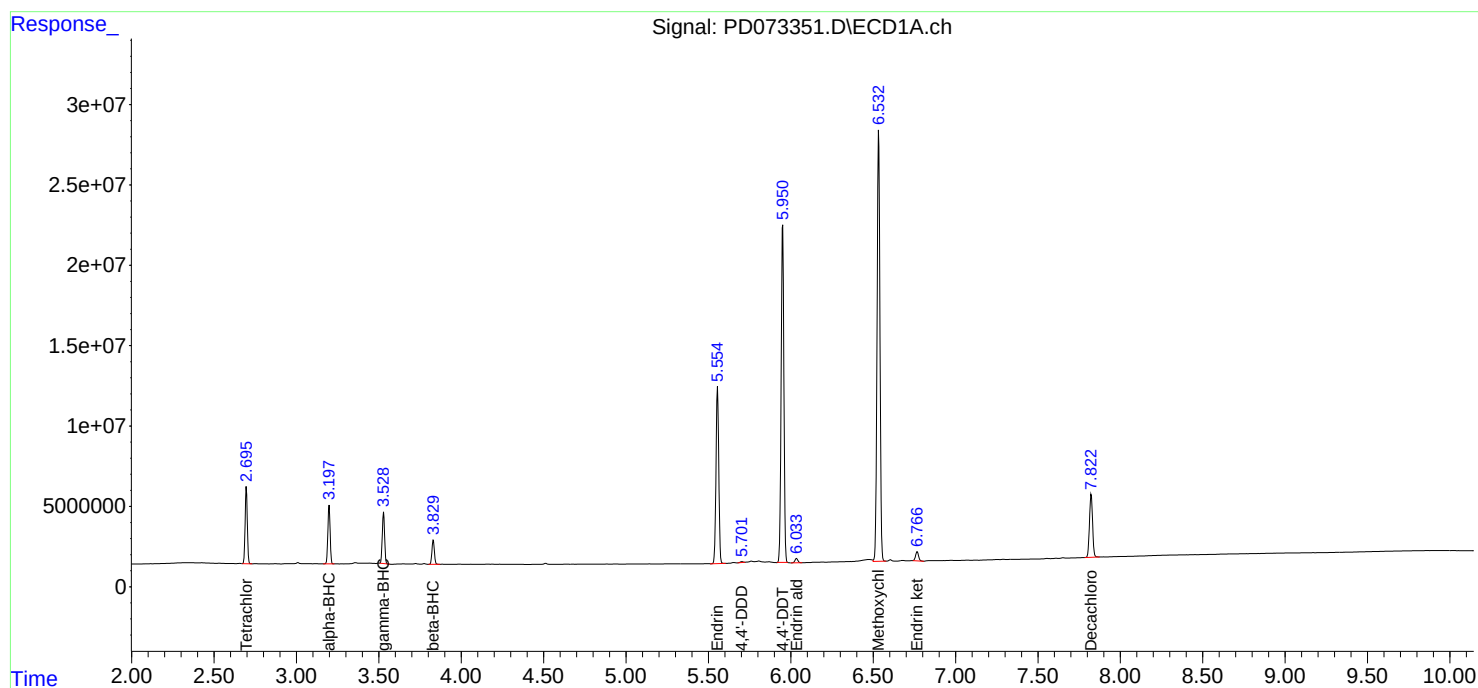
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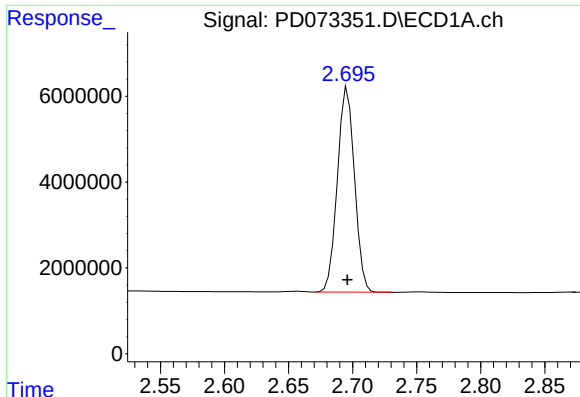
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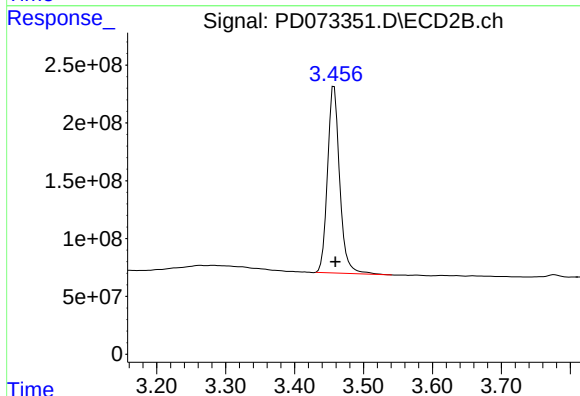
#1 Tetrachloro-m-xylene

R.T.: 2.696 min
Delta R.T.: 0.000 min
Response: 44311081
Conc: 21.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

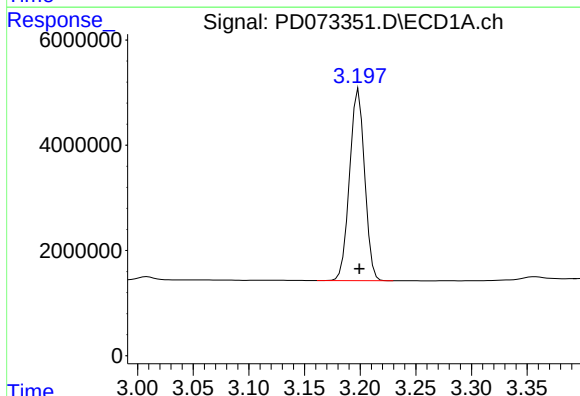
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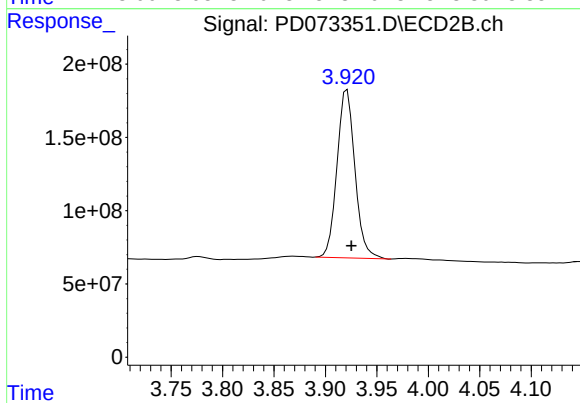
#1 Tetrachloro-m-xylene

R.T.: 3.457 min
Delta R.T.: -0.002 min
Response: 1974033141
Conc: 20.07 ng/ml



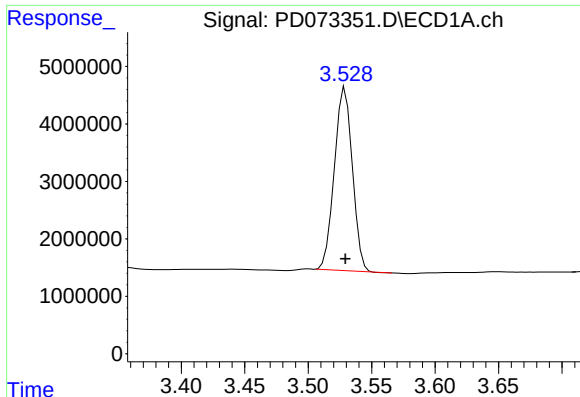
#2 alpha-BHC

R.T.: 3.199 min
Delta R.T.: 0.000 min
Response: 34339007
Conc: 9.93 ng/ml



#2 alpha-BHC

R.T.: 3.921 min
Delta R.T.: -0.004 min
Response: 1393789061
Conc: 10.43 ng/ml



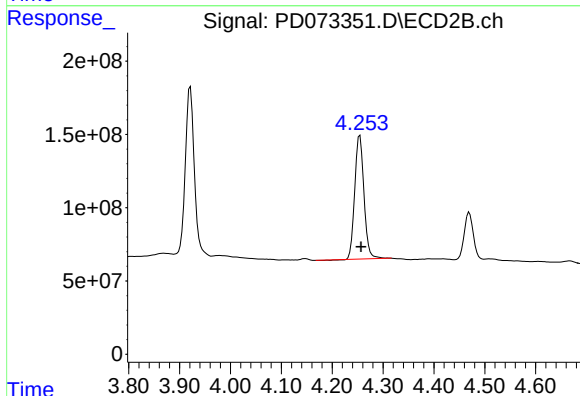
#3 gamma-BHC (Lindane)

R.T.: 3.529 min
Delta R.T.: 0.000 min
Response: 31416190
Conc: 11.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

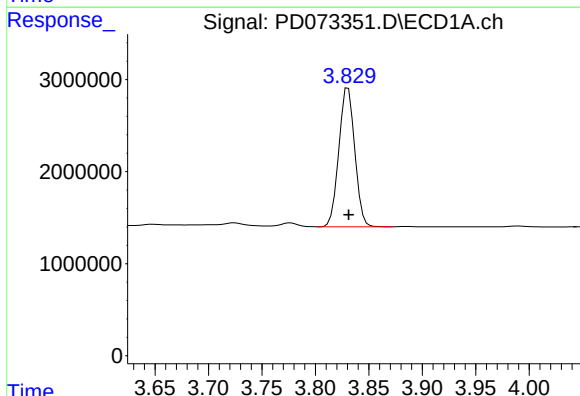
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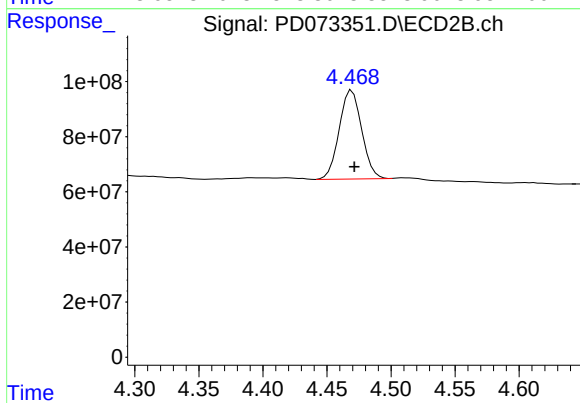
#3 gamma-BHC (Lindane)

R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 1062624648
Conc: 10.77 ng/ml



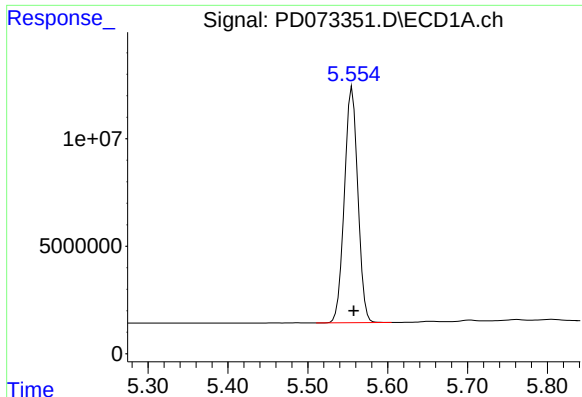
#6 beta-BHC

R.T.: 3.831 min
Delta R.T.: 0.000 min
Response: 15652244
Conc: 12.33 ng/ml



#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 393121965
Conc: 11.60 ng/ml



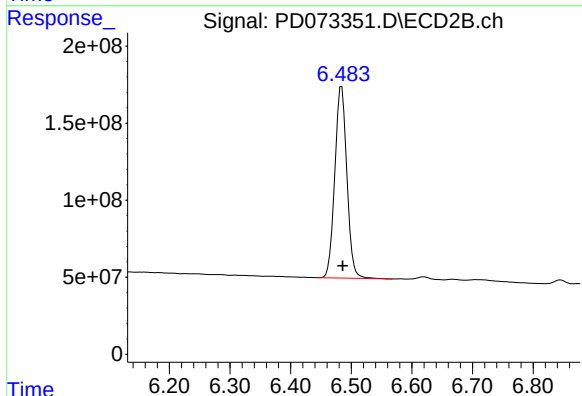
#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.002 min
Response: 128280314
Conc: 49.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

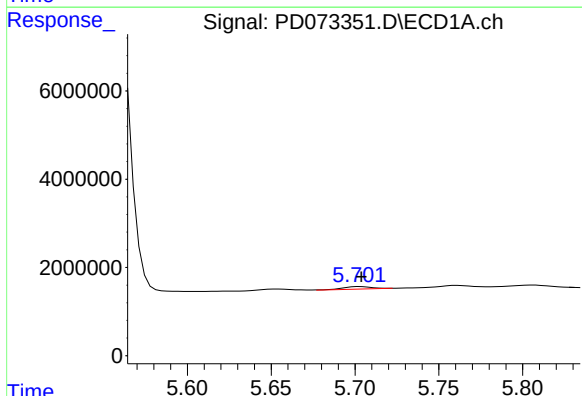
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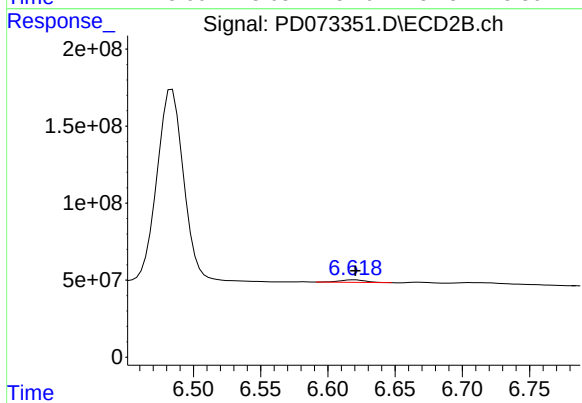
#14 Endrin

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 1720081080
Conc: 52.36 ng/ml



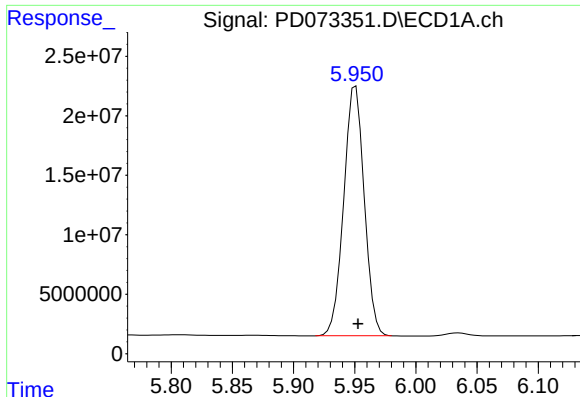
#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 703145
Conc: 0.31 ng/ml m



#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.002 min
Response: 22568479
Conc: 0.72 ng/ml m



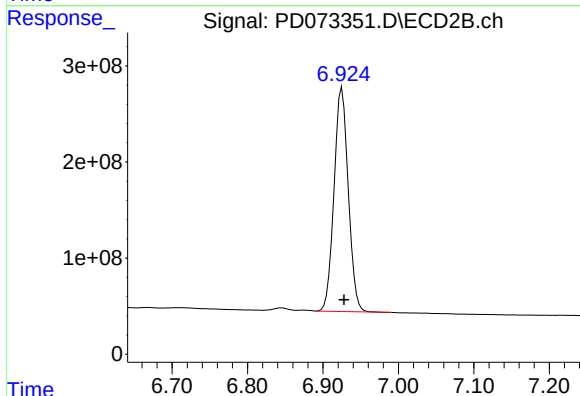
#17 4,4'-DDT

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 244400142
Conc: 110.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

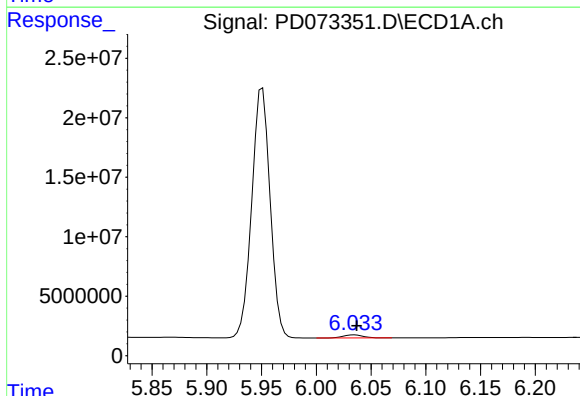
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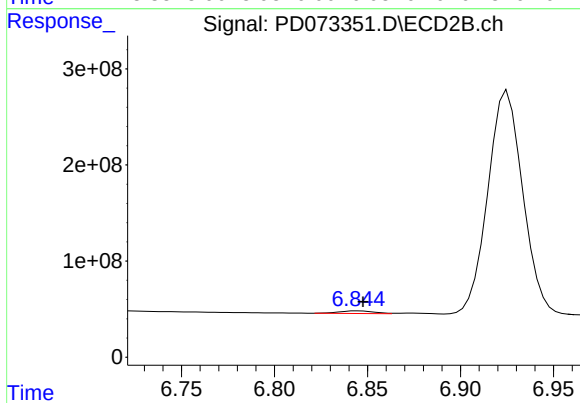
#17 4,4'-DDT

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 3054471848
Conc: 101.08 ng/ml



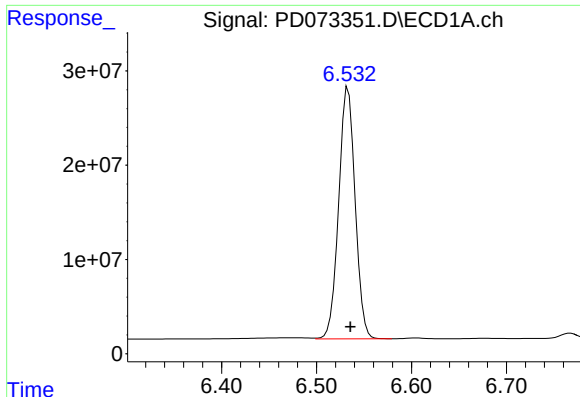
#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 3209839
Conc: 1.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.844 min
Delta R.T.: -0.004 min
Response: 34820796
Conc: 1.49 ng/ml m



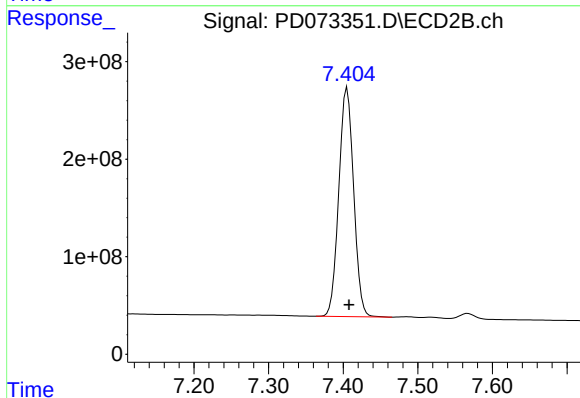
#20 Methoxychlor

R.T.: 6.533 min
Delta R.T.: -0.002 min
Response: 321797538
Conc: 241.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

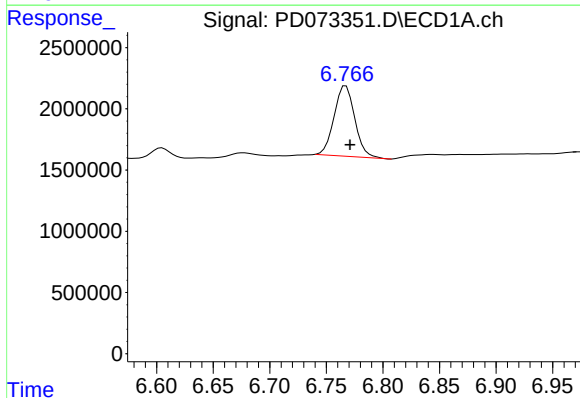
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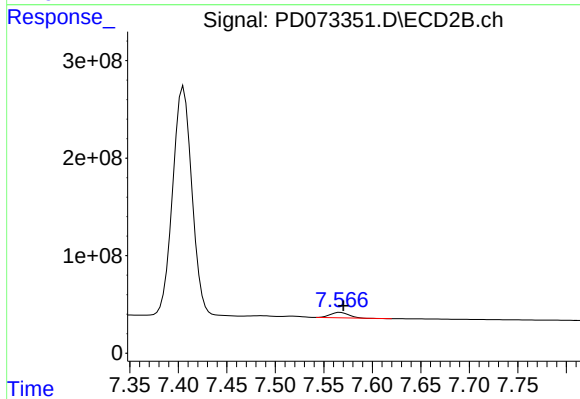
#20 Methoxychlor

R.T.: 7.405 min
Delta R.T.: -0.002 min
Response: 3239341767
Conc: 239.32 ng/ml



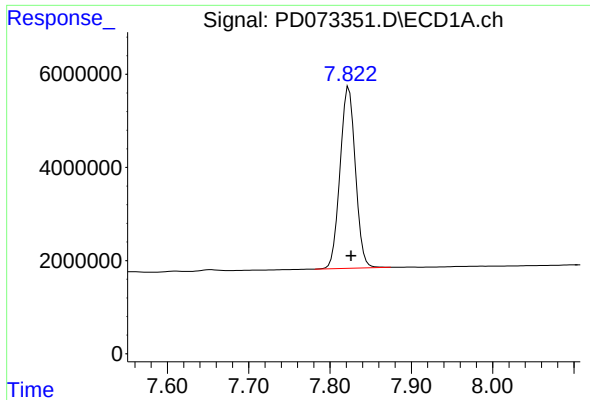
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.004 min
Response: 7353469
Conc: 2.71 ng/ml



#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: -0.003 min
Response: 72658201
Conc: 2.65 ng/ml



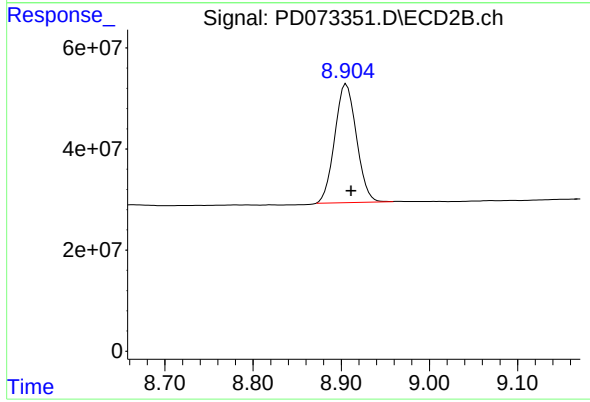
#28 Decachlorobiphenyl

R.T.: 7.823 min
Delta R.T.: -0.003 min
Response: 51002277
Conc: 21.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: -0.005 min
Response: 401345137
Conc: 22.77 ng/ml