

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122022\
 Data File : PD073366.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2022 14:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/21/2022
 Supervised By : Ankita Jodhani 12/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:20:36 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 x 0.2 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...	2.694	3.455	37677198	1445.8E6	17.977	14.701
28)	SA Decachlor...	7.819	8.903	46494610	318.0E6	19.203	18.037
Target Compounds							
2)	A alpha-BHC	3.196	3.919	28825676	980.6E6	8.334	7.336
3)	MA gamma-BHC...	3.526	4.252	20562828	819.5E6	7.478	8.305
6)	B beta-BHC	3.828	4.468	12101108	293.3E6	9.529	8.656
14)	MA Endrin	5.553	6.481	106.6E6	633.6E6	41.516	19.286 #
16)	A 4,4'-DDD	5.701	6.618	301130	16967295	0.134	0.543 #
17)	MA 4,4'-DDT	5.946	6.923	214.7E6	2277.0E6	96.918m	75.348
18)	B Endrin al...	6.032	6.843	2574390	15140434	1.368	0.646 #
20)	A Methoxychlor	6.531	7.403	300.7E6	2627.8E6	225.635	194.146
21)	B Endrin ke...	6.762	7.564	4971299	52636532	1.829m	1.917m

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

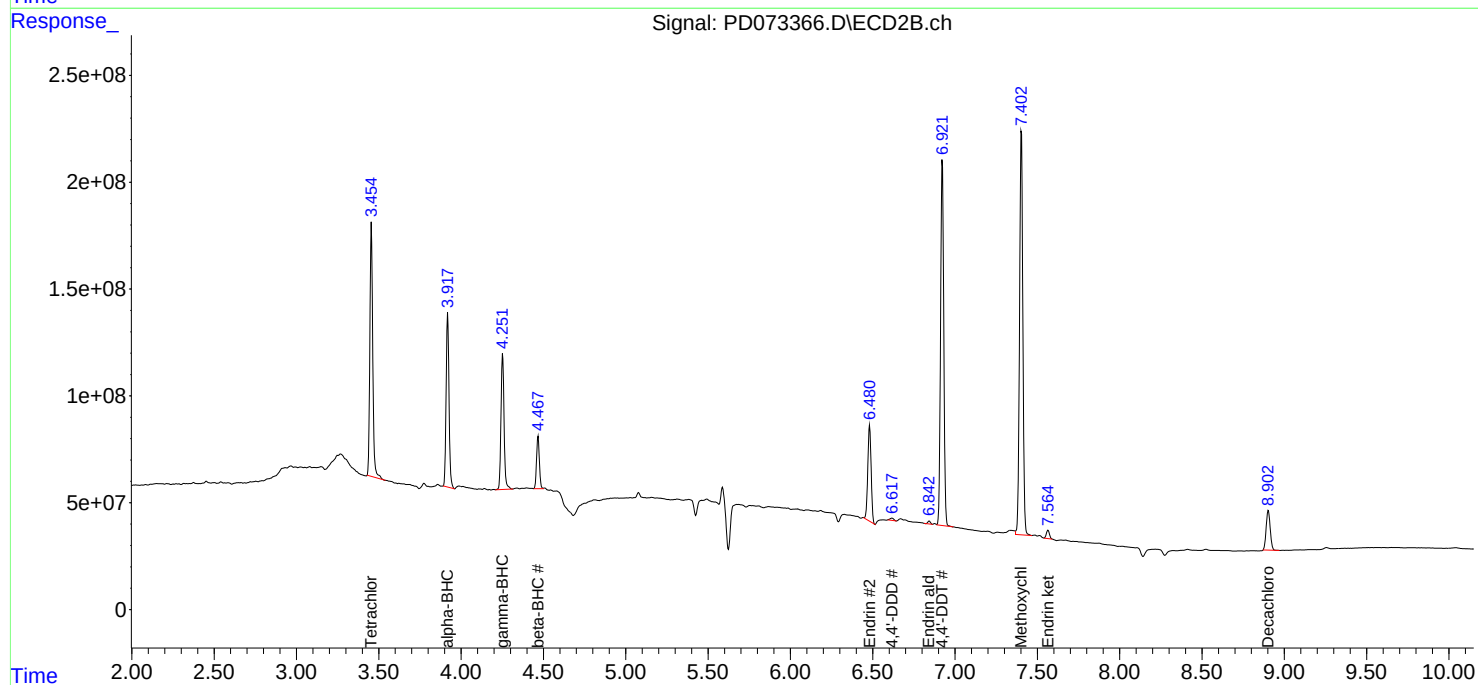
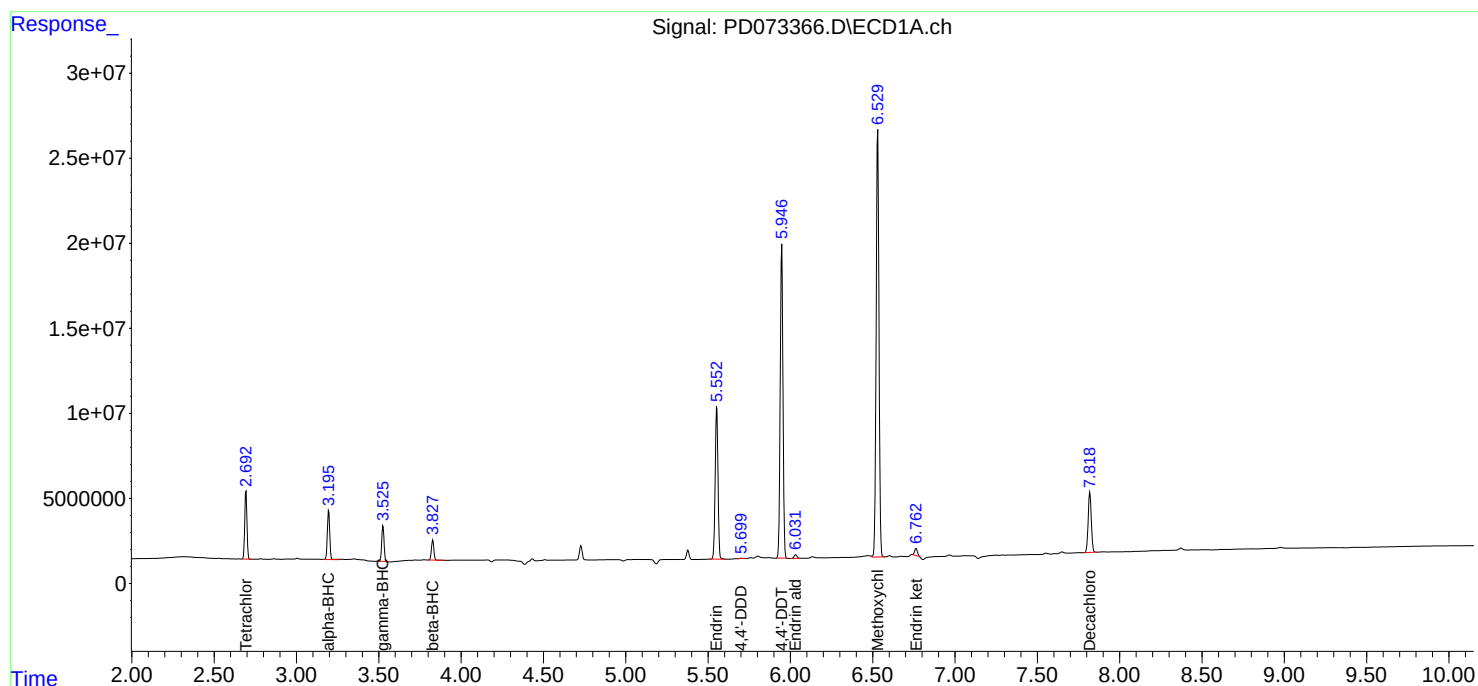
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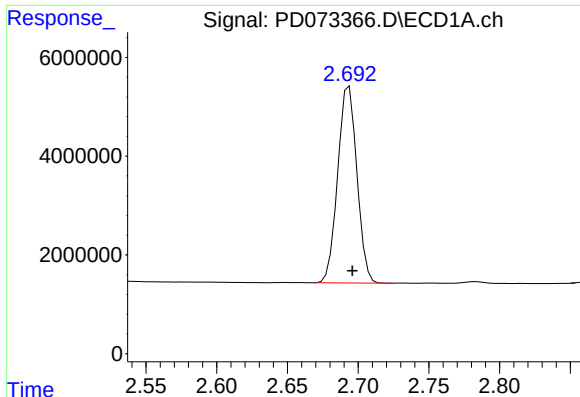
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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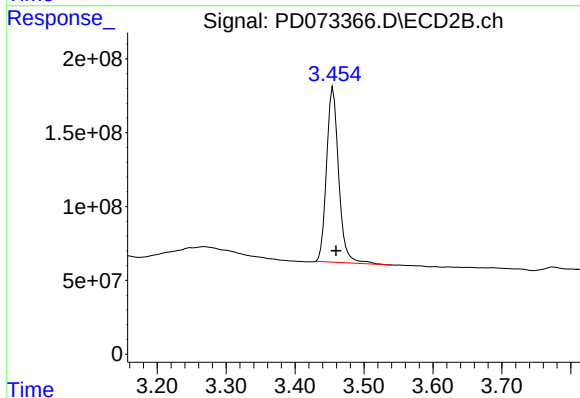
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 37677198
Conc: 17.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

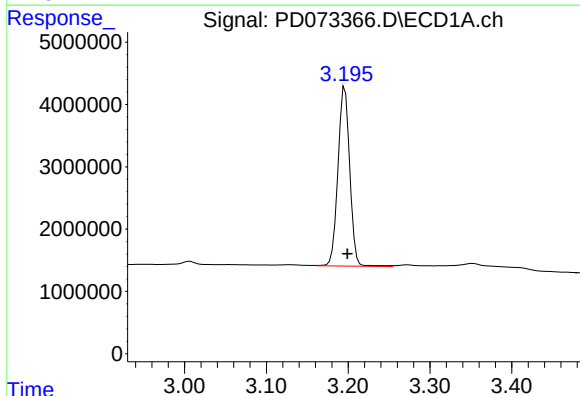
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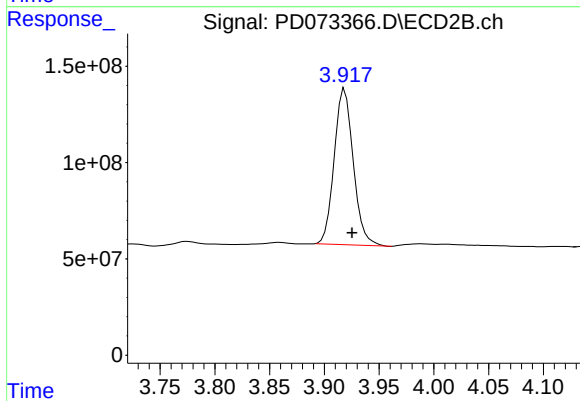
#1 Tetrachloro-m-xylene

R.T.: 3.455 min
Delta R.T.: -0.004 min
Response: 1445780823
Conc: 14.70 ng/ml



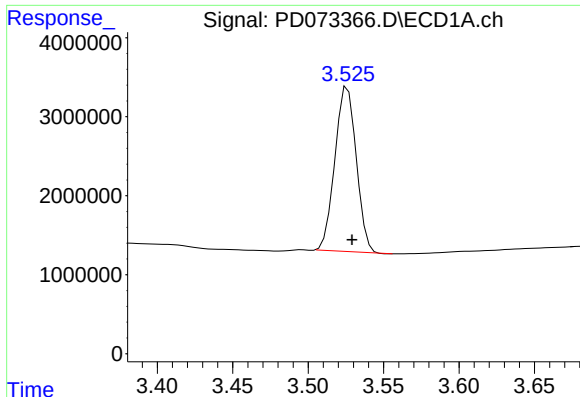
#2 alpha-BHC

R.T.: 3.196 min
Delta R.T.: -0.003 min
Response: 28825676
Conc: 8.33 ng/ml



#2 alpha-BHC

R.T.: 3.919 min
Delta R.T.: -0.007 min
Response: 980568831
Conc: 7.34 ng/ml



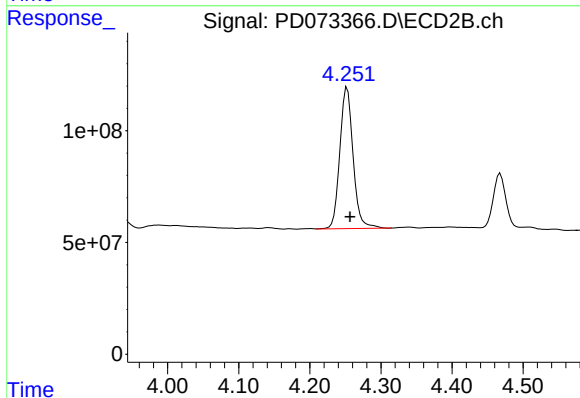
#3 gamma-BHC (Lindane)

R.T.: 3.526 min
Delta R.T.: -0.003 min
Response: 20562828
Conc: 7.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

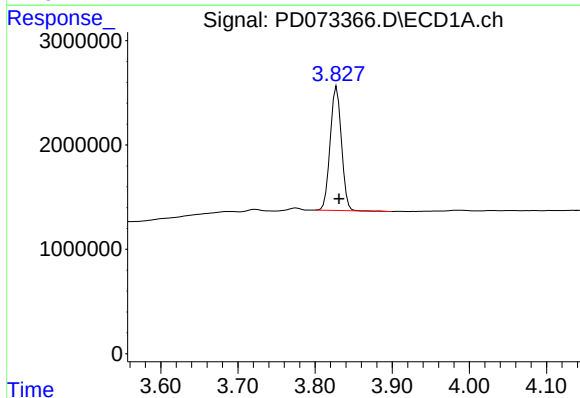
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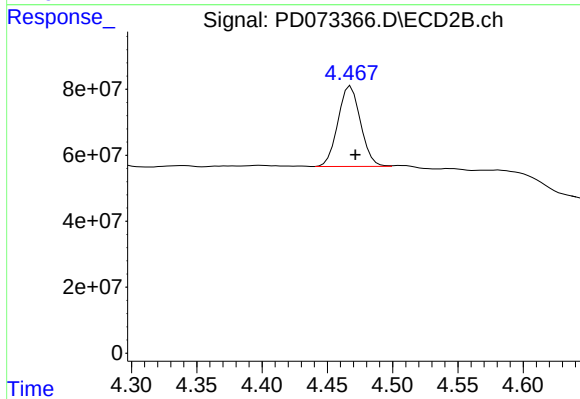
#3 gamma-BHC (Lindane)

R.T.: 4.252 min
Delta R.T.: -0.004 min
Response: 819472019
Conc: 8.31 ng/ml



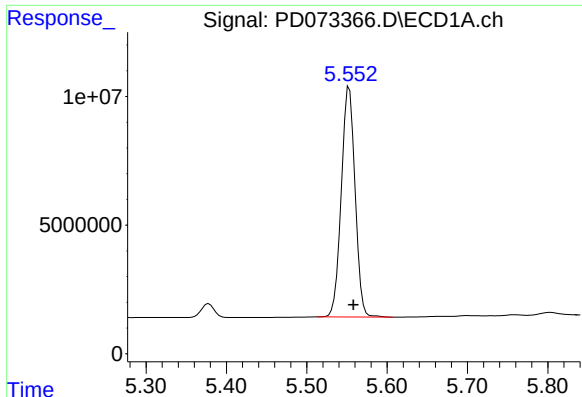
#6 beta-BHC

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 12101108
Conc: 9.53 ng/ml



#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: -0.004 min
Response: 293296558
Conc: 8.66 ng/ml



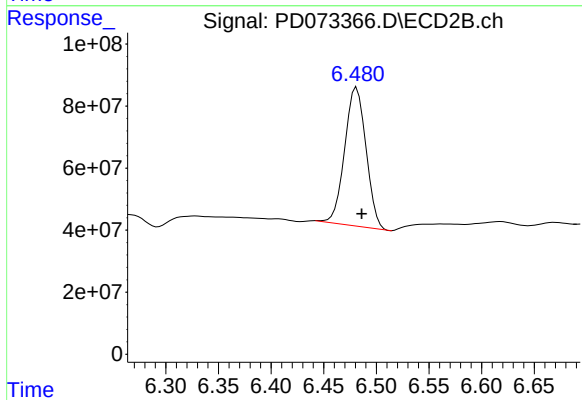
#14 Endrin

R.T.: 5.553 min
Delta R.T.: -0.005 min
Response: 106599619
Conc: 41.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

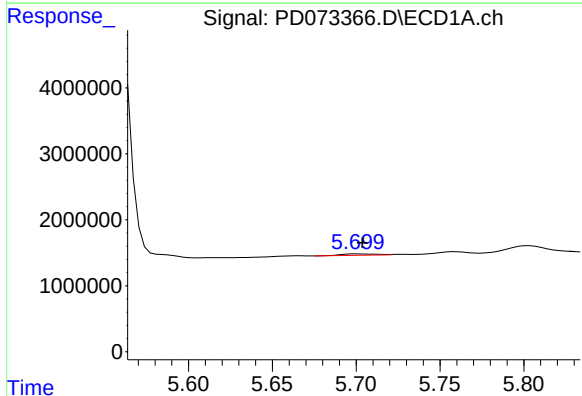
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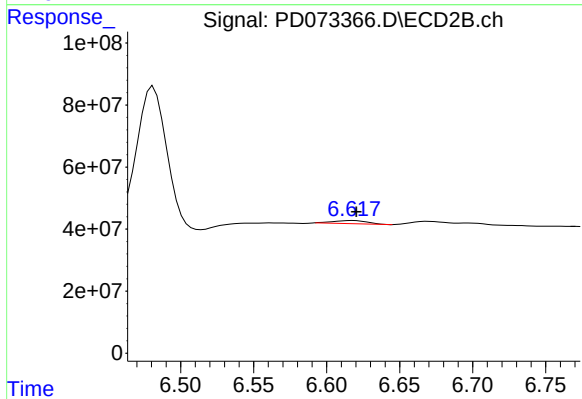
#14 Endrin

R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 633599224
Conc: 19.29 ng/ml



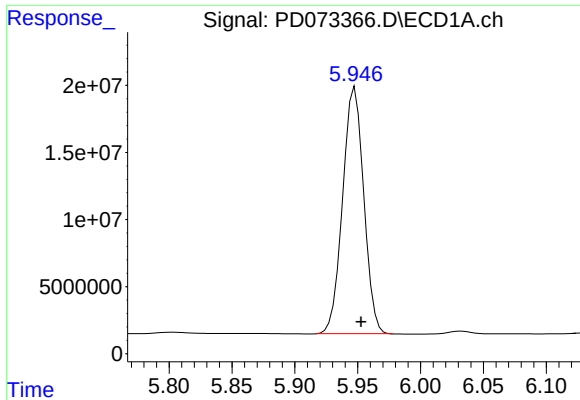
#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 301130
Conc: 0.13 ng/ml



#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 16967295
Conc: 0.54 ng/ml



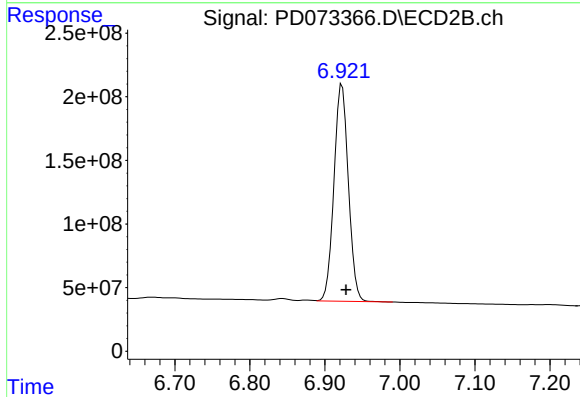
#17 4,4'-DDT

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 214689625
Conc: 96.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

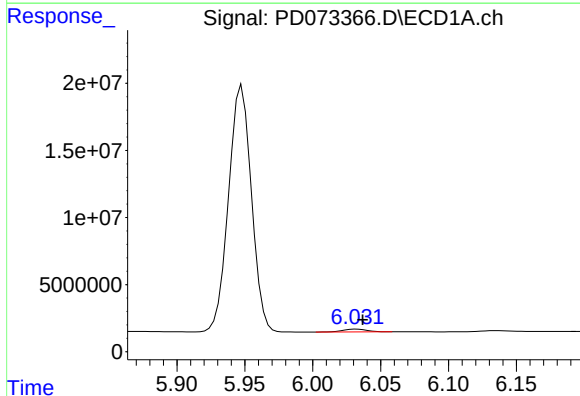
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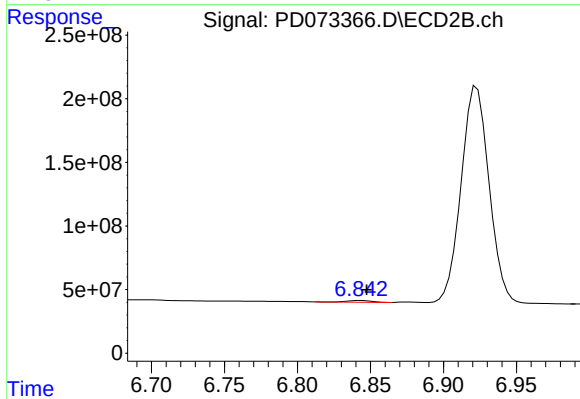
#17 4,4'-DDT

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 2276976281
Conc: 75.35 ng/ml



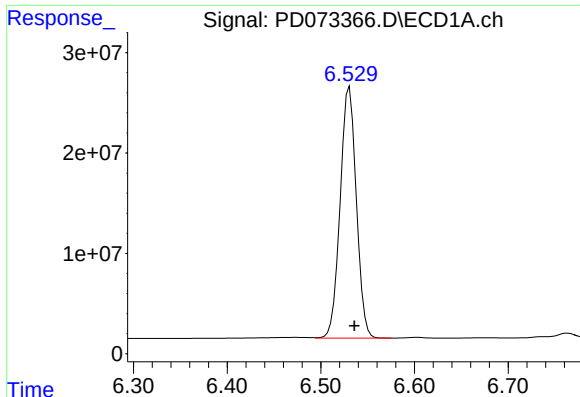
#18 Endrin aldehyde

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 2574390
Conc: 1.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.843 min
Delta R.T.: -0.004 min
Response: 15140434
Conc: 0.65 ng/ml



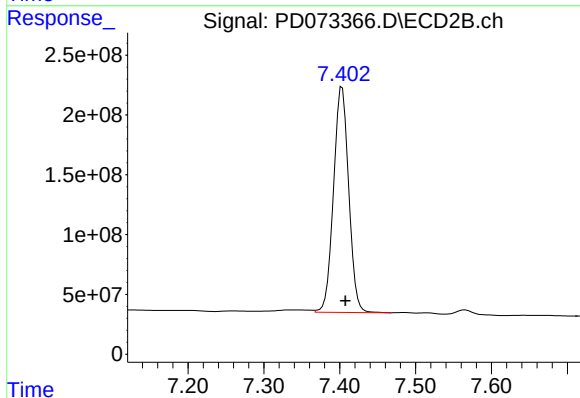
#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 300729293
Conc: 225.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

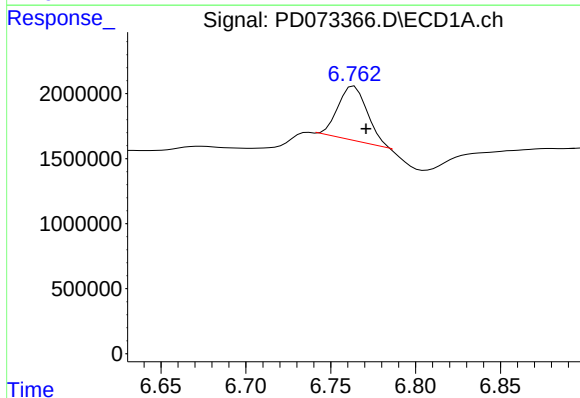
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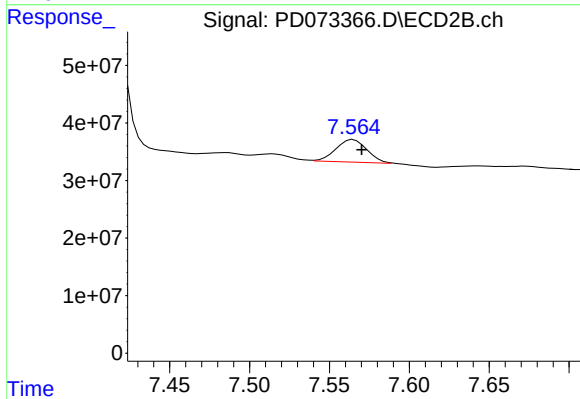
#20 Methoxychlor

R.T.: 7.403 min
Delta R.T.: -0.005 min
Response: 2627842249
Conc: 194.15 ng/ml



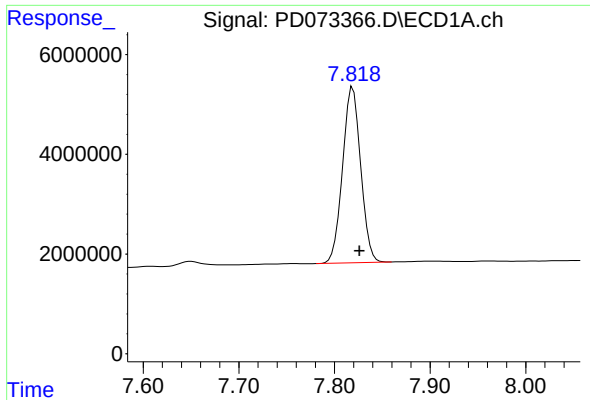
#21 Endrin ketone

R.T.: 6.762 min
Delta R.T.: -0.009 min
Response: 4971299
Conc: 1.83 ng/ml m



#21 Endrin ketone

R.T.: 7.564 min
Delta R.T.: -0.007 min
Response: 52636532
Conc: 1.92 ng/ml m



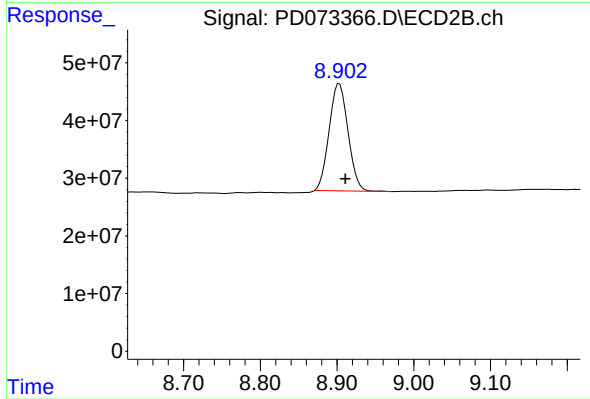
#28 Decachlorobiphenyl

R.T.: 7.819 min
Delta R.T.: -0.007 min
Response: 46494610
Conc: 19.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.903 min
Delta R.T.: -0.008 min
Response: 317953265
Conc: 18.04 ng/ml