

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012023\
 Data File : PD073693.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2023 16:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/23/2023
 Supervised By : Ankita Jodhani 01/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 21:23:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 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...	3.555	2.777	45177455	25664917	19.327	20.160
28)	SA Decachlor...	9.105	7.937	58162498	22111506	20.639	19.005
Target Compounds							
2)	A alpha-BHC	4.011	3.281	36515057	17307563	9.194	10.158
3)	MA gamma-BHC...	4.345	3.611	35234574	15534421	9.597	10.328
6)	B beta-BHC	4.539	3.906	14347764	6777030	9.249	10.226
14)	MA Endrin	6.604	5.652	118.7E6	51001367	43.793	45.864
16)	A 4,4'-DDD	6.734	5.801	5324953	2912390	2.159m	2.827 #
17)	MA 4,4'-DDT	7.052	6.053	255.0E6	101.9E6	91.573	98.926
18)	B Endrin al...	6.952	6.125	2865300	1980861	1.321	2.246m#
20)	A Methoxychlor	7.527	6.629	335.5E6	111.7E6	216.588	213.428
21)	B Endrin ke...	7.674	6.855	7947387	3865621	2.628	3.017

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

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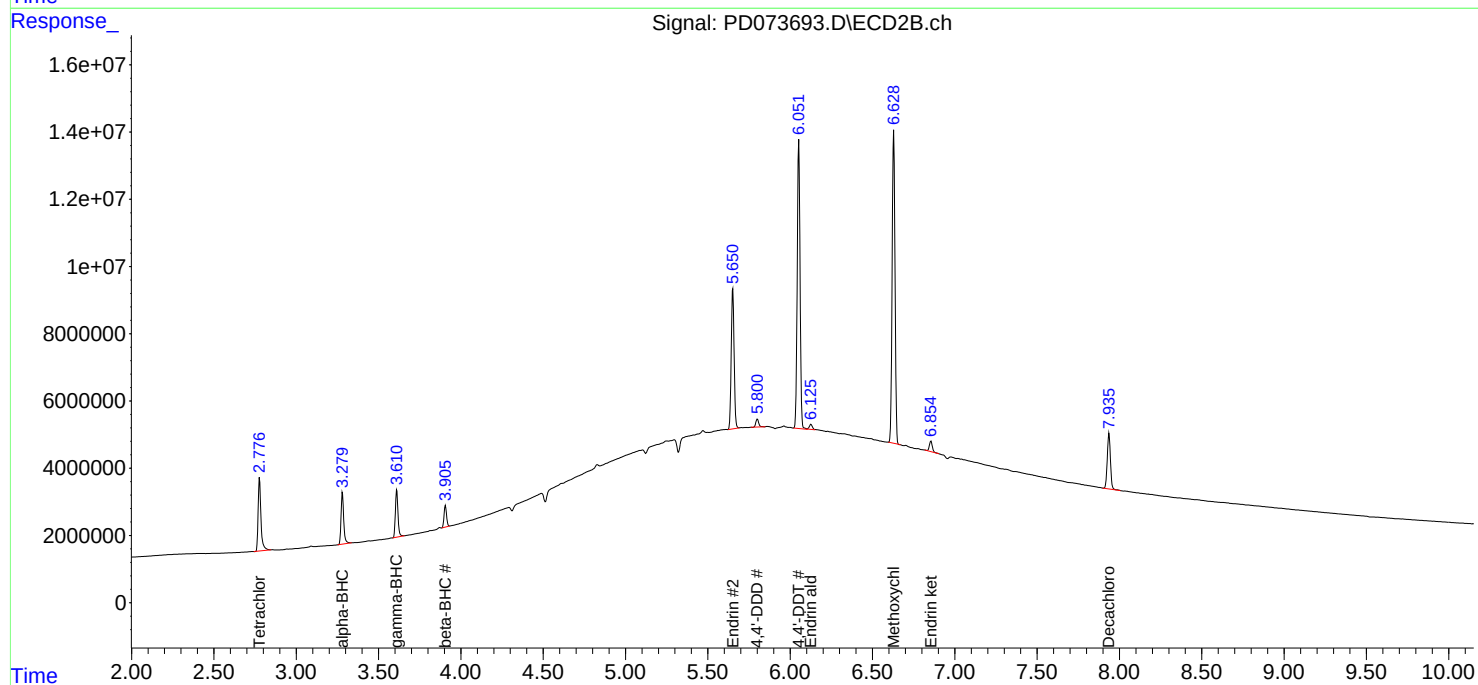
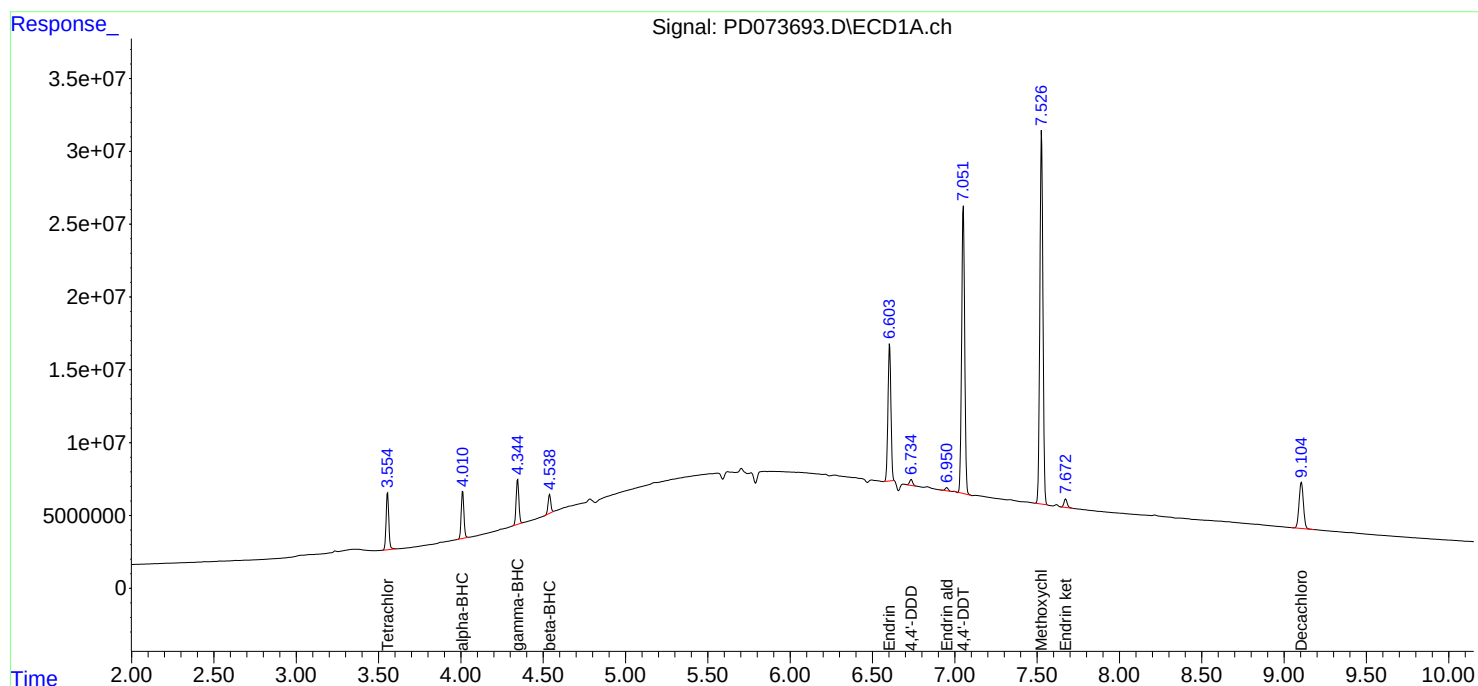
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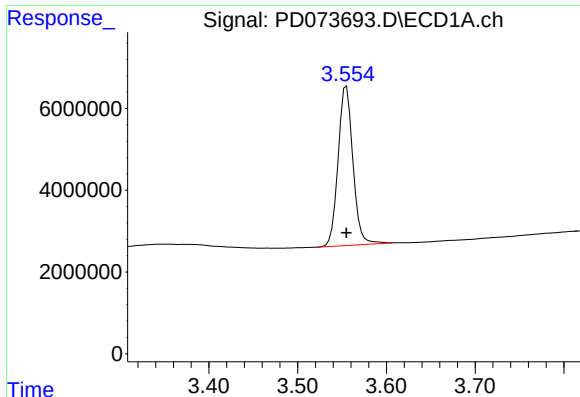
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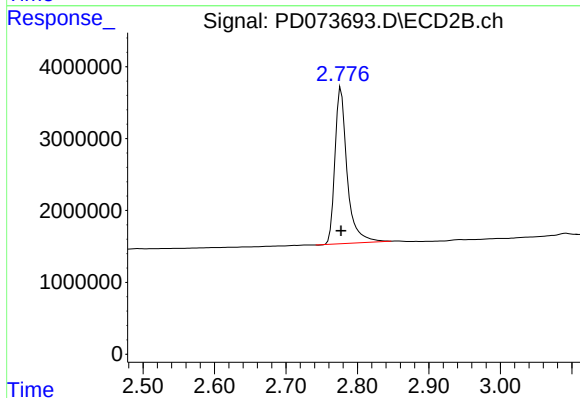
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 45177455
Conc: 19.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

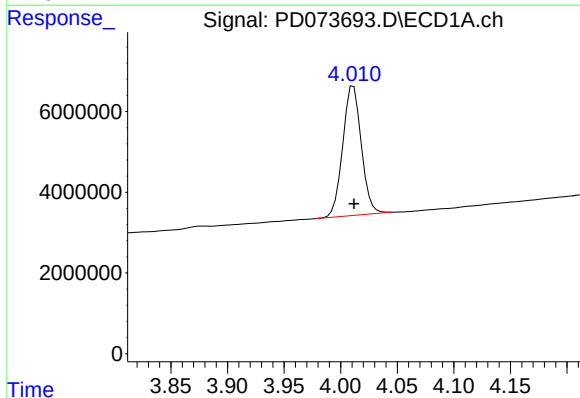
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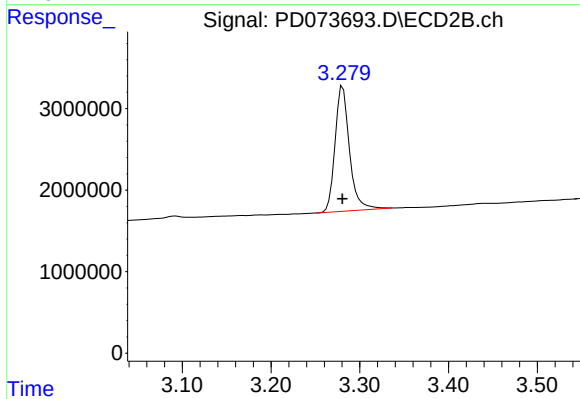
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 25664917
Conc: 20.16 ng/ml



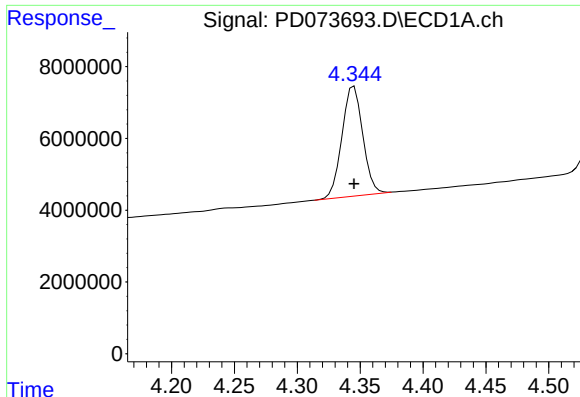
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 36515057
Conc: 9.19 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 17307563
Conc: 10.16 ng/ml



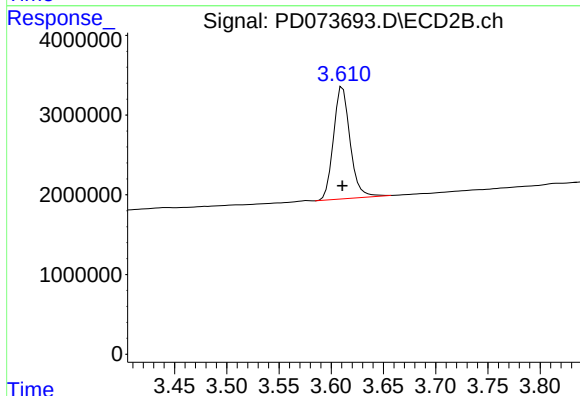
#3 gamma-BHC (Lindane)

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 35234574
Conc: 9.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

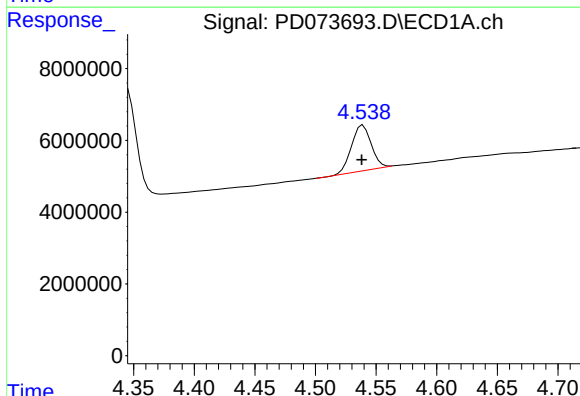
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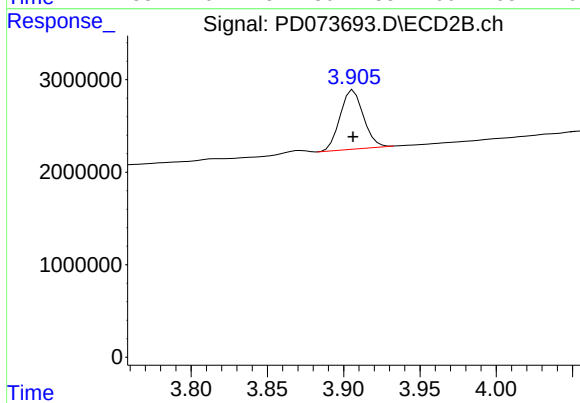
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 15534421
Conc: 10.33 ng/ml



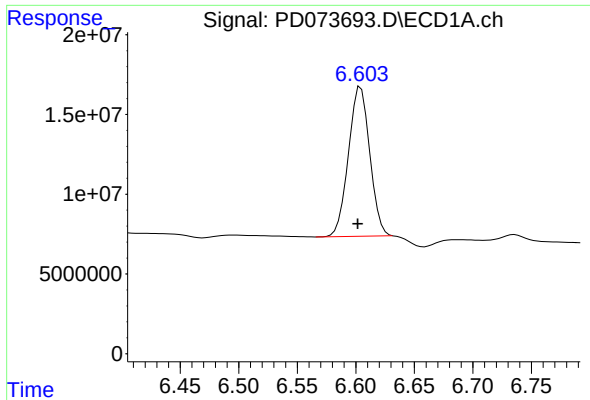
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 14347764
Conc: 9.25 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 6777030
Conc: 10.23 ng/ml



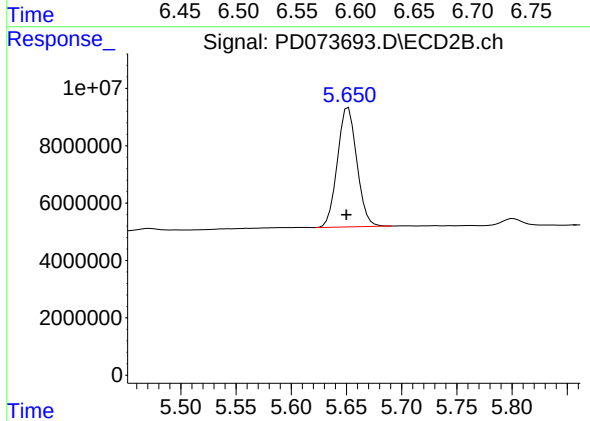
#14 Endrin

R.T.: 6.604 min
Delta R.T.: 0.002 min
Response: 118723839
Conc: 43.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

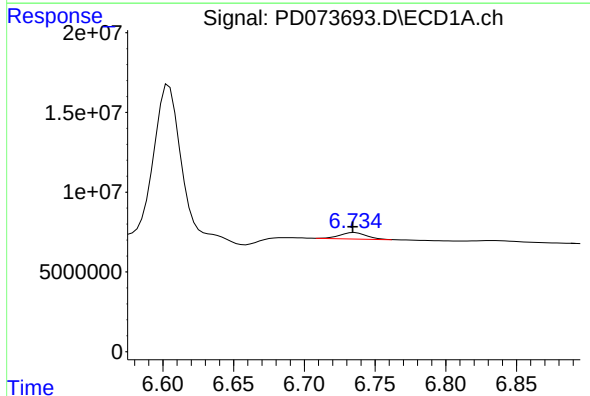
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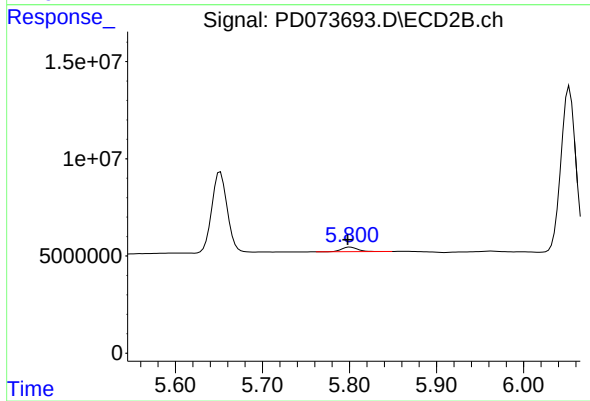
#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.002 min
Response: 51001367
Conc: 45.86 ng/ml



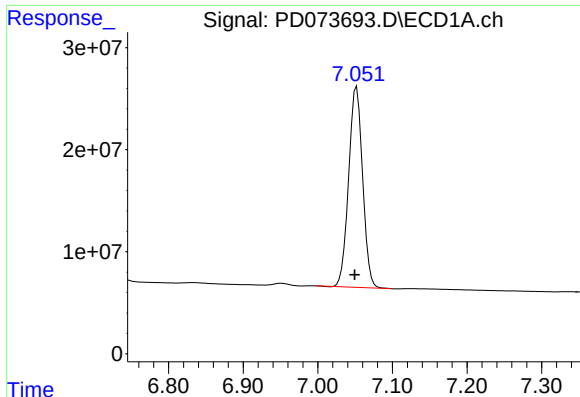
#16 4,4'-DDD

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 5324953
Conc: 2.16 ng/ml m



#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: 0.003 min
Response: 2912390
Conc: 2.83 ng/ml



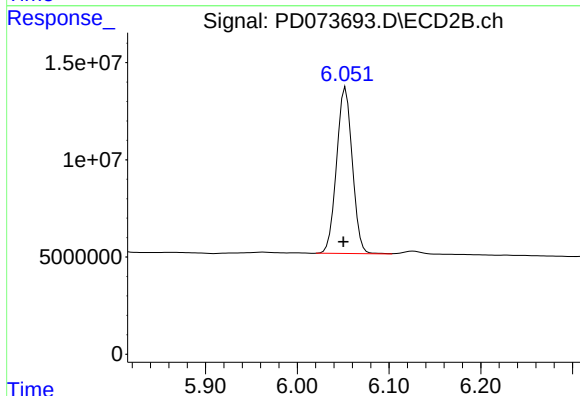
#17 4,4'-DDT

R.T.: 7.052 min
Delta R.T.: 0.003 min
Response: 254950168
Conc: 91.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

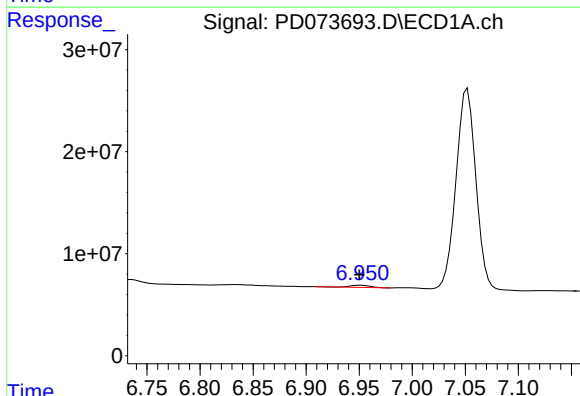
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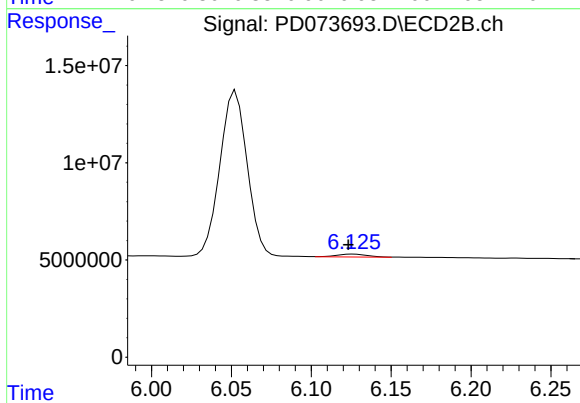
#17 4,4'-DDT

R.T.: 6.053 min
Delta R.T.: 0.003 min
Response: 101898296
Conc: 98.93 ng/ml



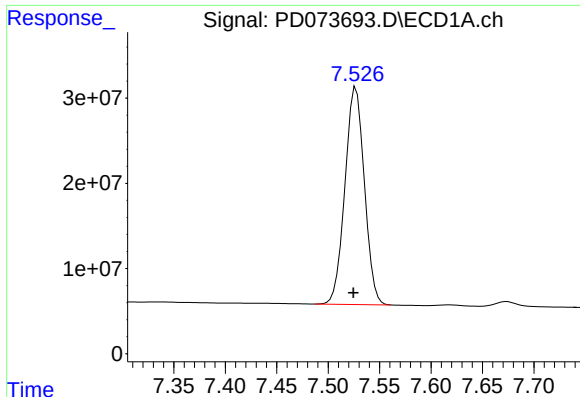
#18 Endrin aldehyde

R.T.: 6.952 min
Delta R.T.: 0.002 min
Response: 2865300
Conc: 1.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: 0.002 min
Response: 1980861
Conc: 2.25 ng/ml m



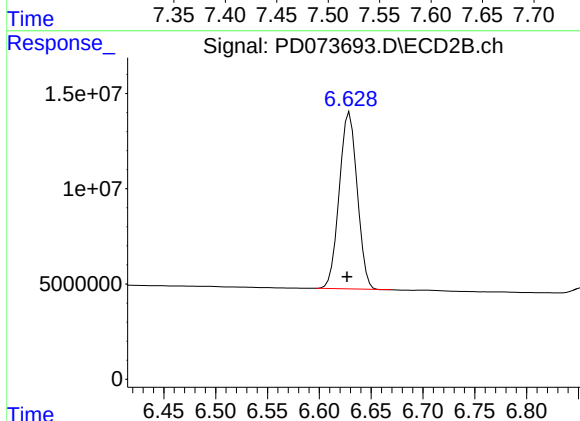
#20 Methoxychlor

R.T.: 7.527 min
Delta R.T.: 0.002 min
Response: 335520165
Conc: 216.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

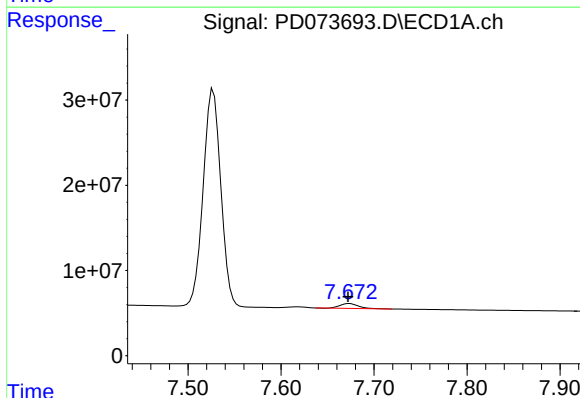
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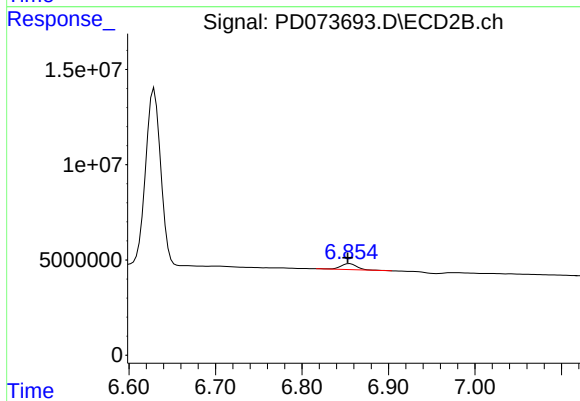
#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: 0.003 min
Response: 111708252
Conc: 213.43 ng/ml



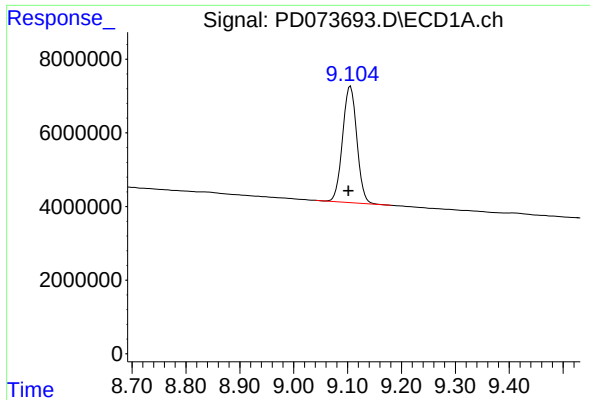
#21 Endrin ketone

R.T.: 7.674 min
Delta R.T.: 0.002 min
Response: 7947387
Conc: 2.63 ng/ml



#21 Endrin ketone

R.T.: 6.855 min
Delta R.T.: 0.002 min
Response: 3865621
Conc: 3.02 ng/ml



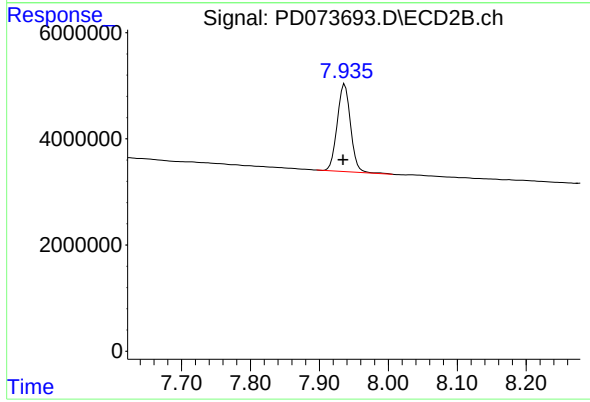
#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: 0.004 min
Response: 58162498
Conc: 20.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.937 min
Delta R.T.: 0.002 min
Response: 22111506
Conc: 19.00 ng/ml