

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020823\
 Data File : PD073848.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2023 14:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/08/2023
 Supervised By : Ankita Jodhani 02/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 01:47:50 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...	3.554	2.776	45763854	25224687	19.578	19.814
28)	SA Decachlor...	9.097	7.931	59254004	26634965	21.027	22.893
Target Compounds							
2)	A alpha-BHC	4.010	3.279	35257418	18437342	8.877	10.821
3)	MA gamma-BHC...	4.343	3.610	34169008	17099117	9.306	11.368
6)	B beta-BHC	4.537	3.905	15626022	8315537	10.073	12.548
12)	B 4,4'-DDE	6.213	5.243	320253	588653	0.106m	0.441m#
14)	MA Endrin	6.599	5.648	126.6E6	63535297	46.688	57.135
16)	A 4,4'-DDD	6.732	5.798	1099121	1369224	0.446	1.329 #
17)	MA 4,4'-DDT	7.047	6.048	281.6E6	126.9E6	101.163	123.228
18)	B Endrin al...	6.947	6.121	2939130	2463760	1.355	2.793m#
20)	A Methoxychlor	7.522	6.625	380.8E6	148.1E6	245.810	282.965
21)	B Endrin ke...	7.668	6.851	7051815	4095085	2.332	3.196 #

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

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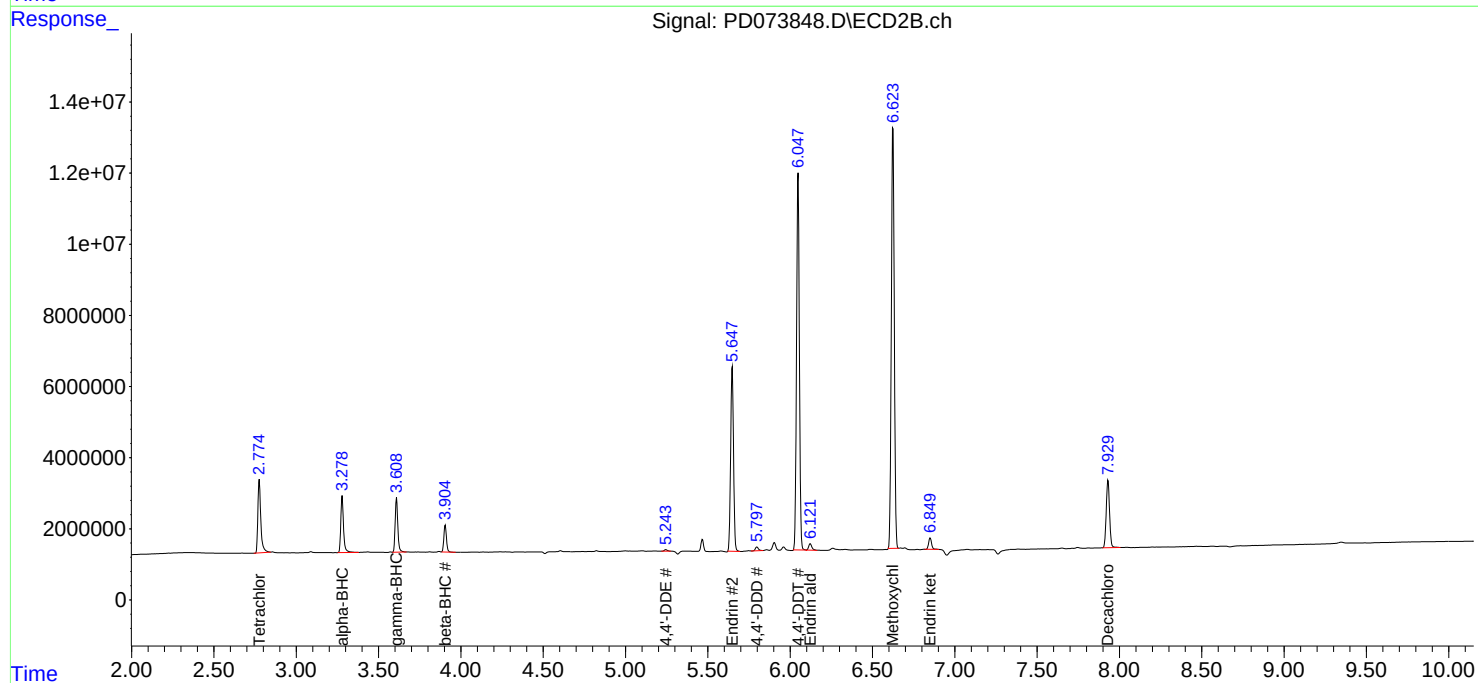
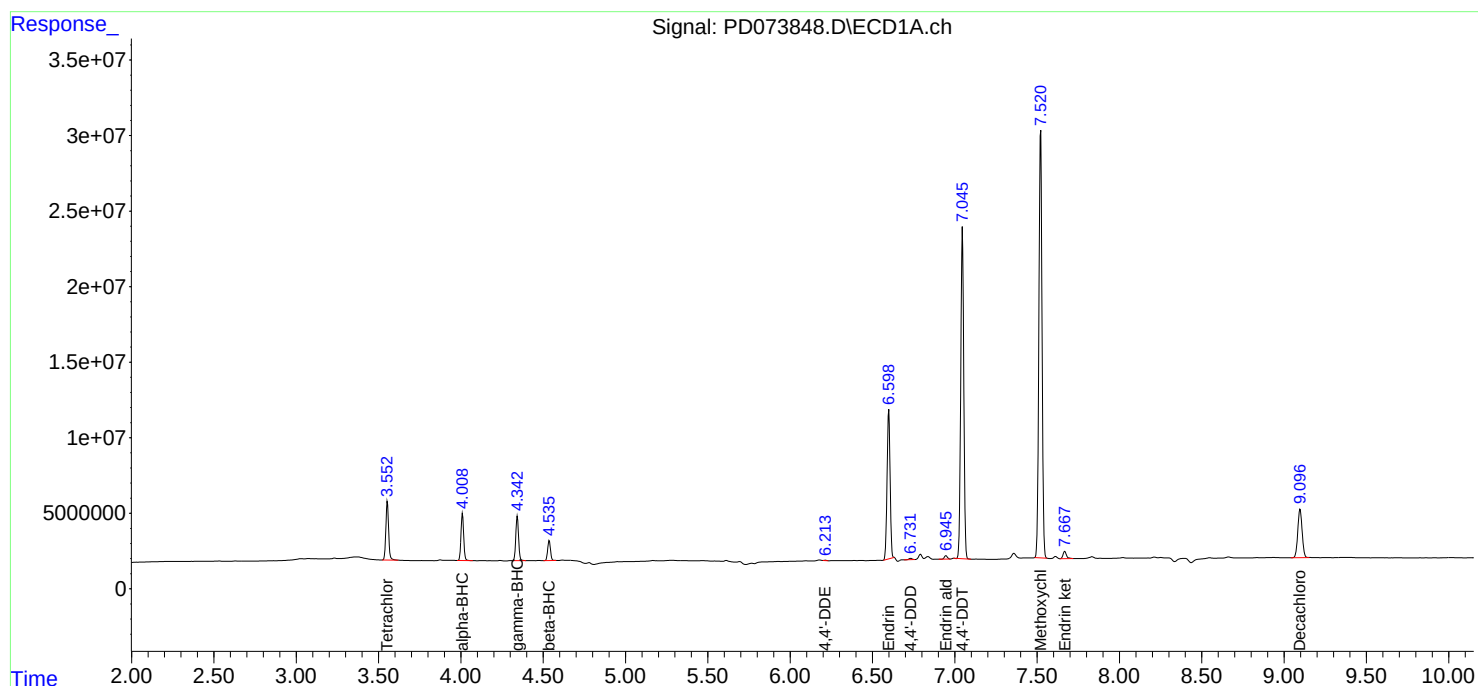
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PEM

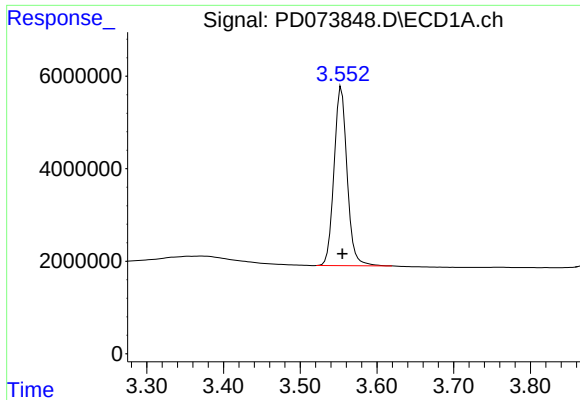
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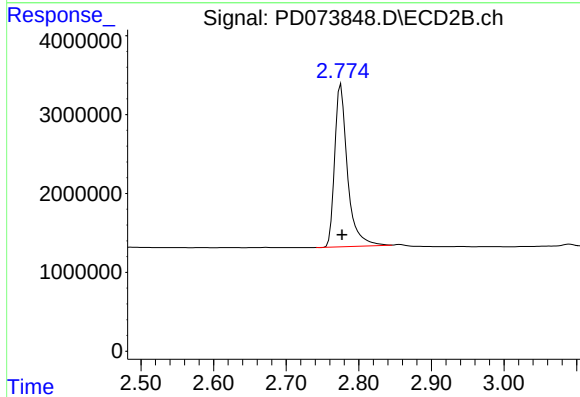
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: -0.001 min
Response: 45763854
Conc: 19.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

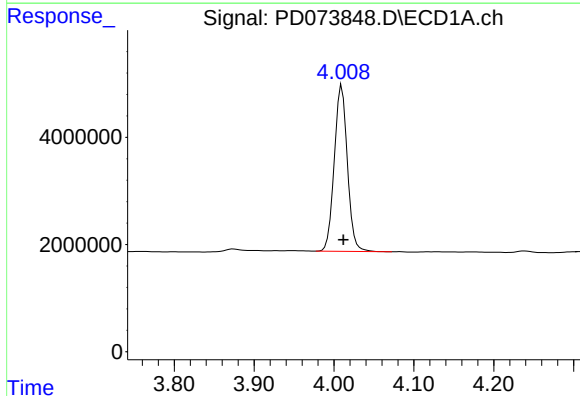
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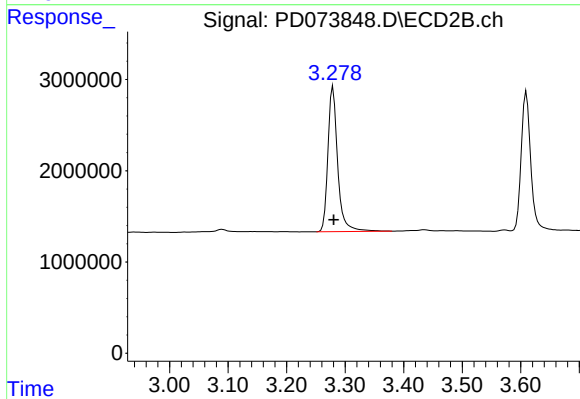
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.001 min
Response: 25224687
Conc: 19.81 ng/ml



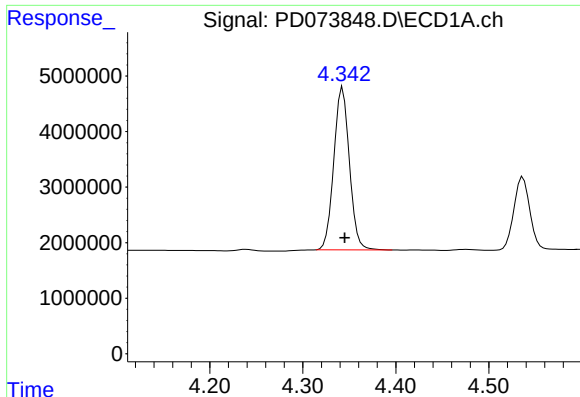
#2 alpha-BHC

R.T.: 4.010 min
Delta R.T.: -0.002 min
Response: 35257418
Conc: 8.88 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: -0.001 min
Response: 18437342
Conc: 10.82 ng/ml



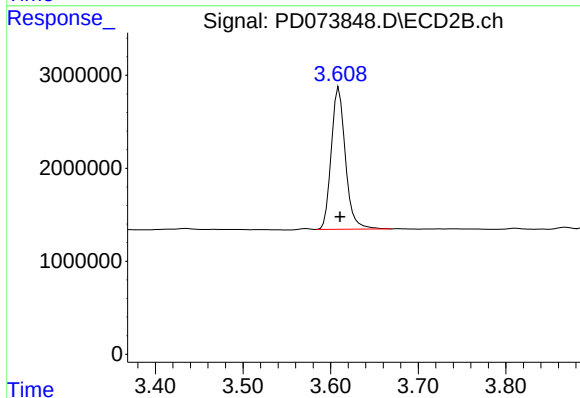
#3 gamma-BHC (Lindane)

R.T.: 4.343 min
Delta R.T.: -0.002 min
Response: 34169008
Conc: 9.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

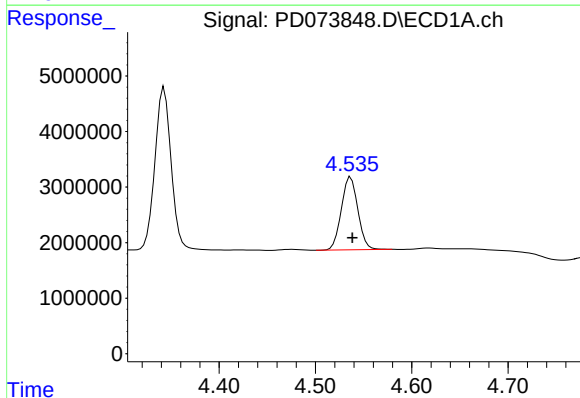
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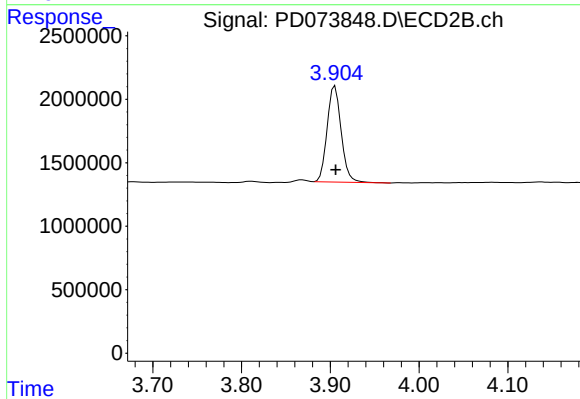
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: -0.001 min
Response: 17099117
Conc: 11.37 ng/ml



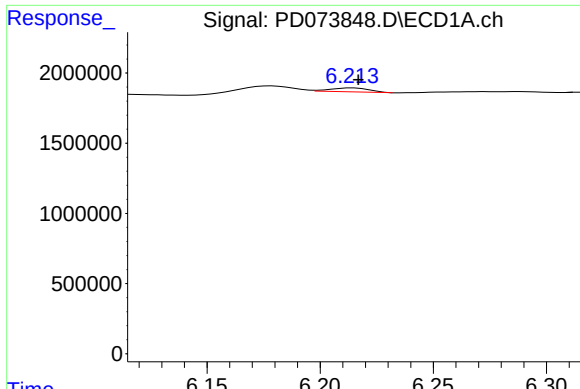
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: -0.002 min
Response: 15626022
Conc: 10.07 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 8315537
Conc: 12.55 ng/ml



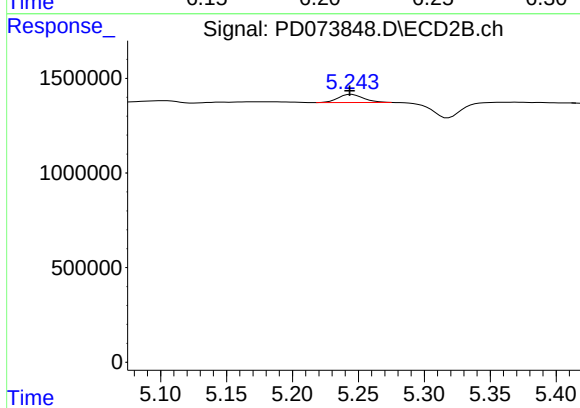
#12 4,4'-DDE

R.T.: 6.213 min
Delta R.T.: -0.004 min
Response: 320253
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#12 4,4'-DDE

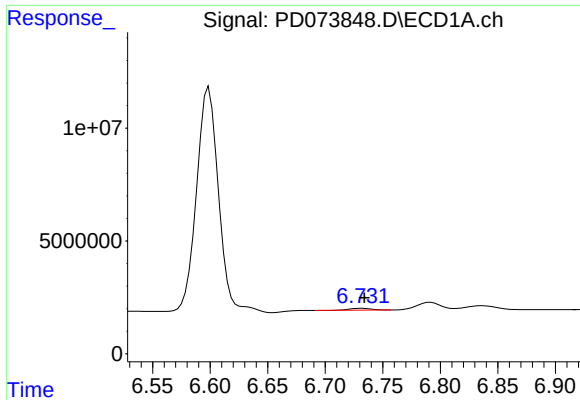
R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 588653
Conc: 0.44 ng/ml m

#14 Endrin

R.T.: 6.599 min
Delta R.T.: -0.003 min
Response: 126570825
Conc: 46.69 ng/ml

#14 Endrin

R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 63535297
Conc: 57.13 ng/ml



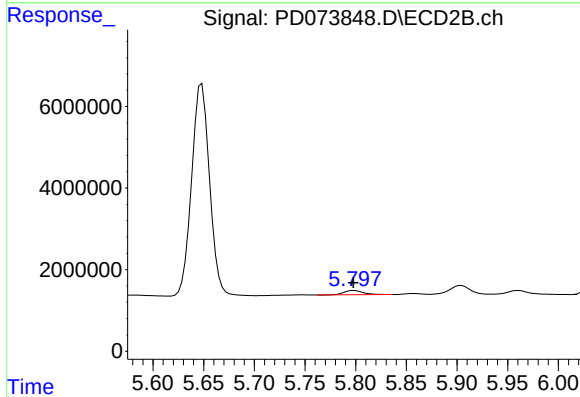
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: -0.002 min
Response: 1099121
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

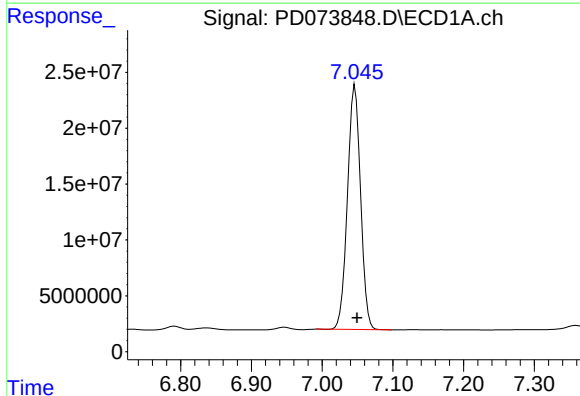
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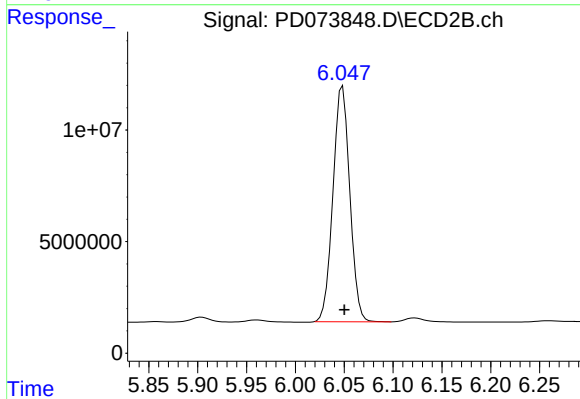
#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 1369224
Conc: 1.33 ng/ml



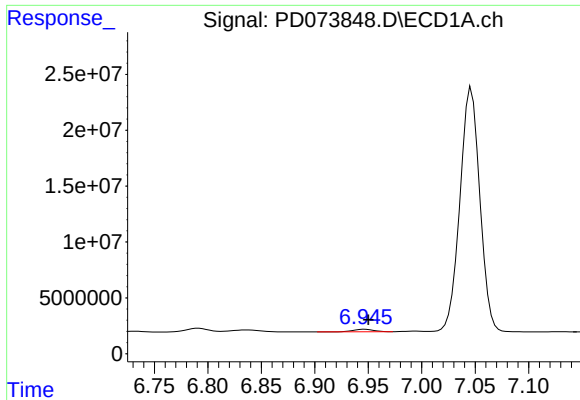
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 281648728
Conc: 101.16 ng/ml



#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: -0.002 min
Response: 126930535
Conc: 123.23 ng/ml



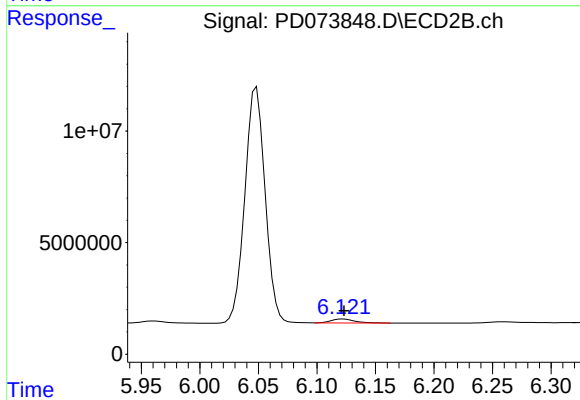
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: -0.003 min
Response: 2939130
Conc: 1.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

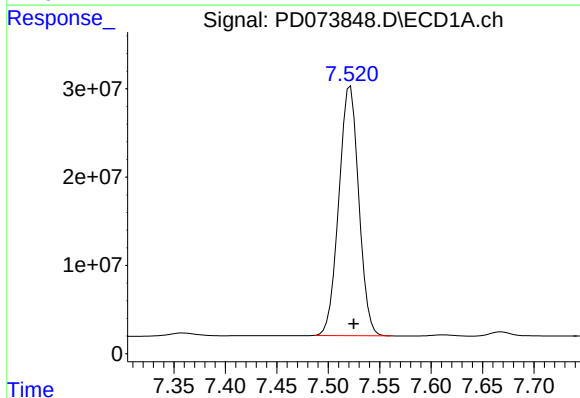
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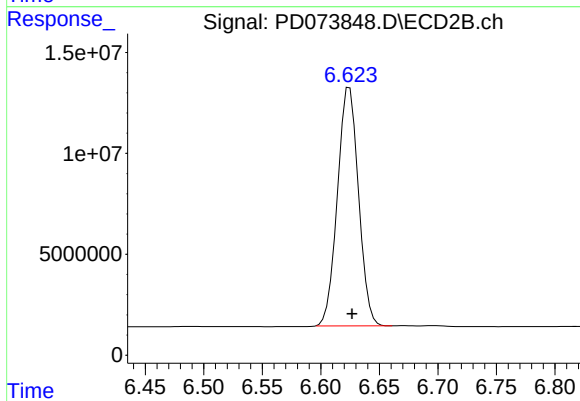
#18 Endrin aldehyde

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 2463760
Conc: 2.79 ng/ml m



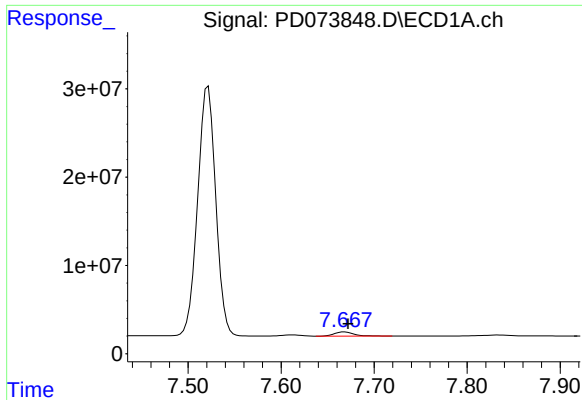
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: -0.003 min
Response: 380788642
Conc: 245.81 ng/ml



#20 Methoxychlor

R.T.: 6.625 min
Delta R.T.: -0.002 min
Response: 148104461
Conc: 282.97 ng/ml



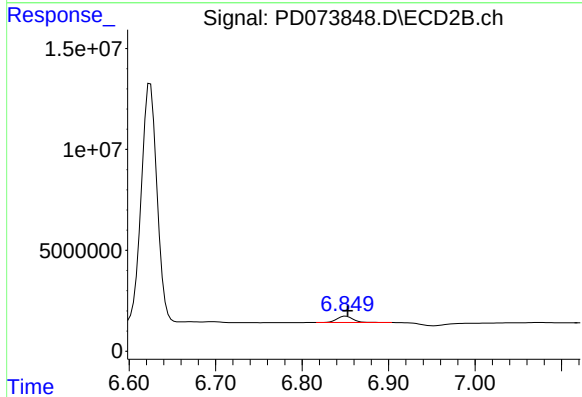
#21 Endrin ketone

R.T.: 7.668 min
Delta R.T.: -0.004 min
Response: 7051815
Conc: 2.33 ng/ml

Instrument :
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ClientSampleId :
PEM

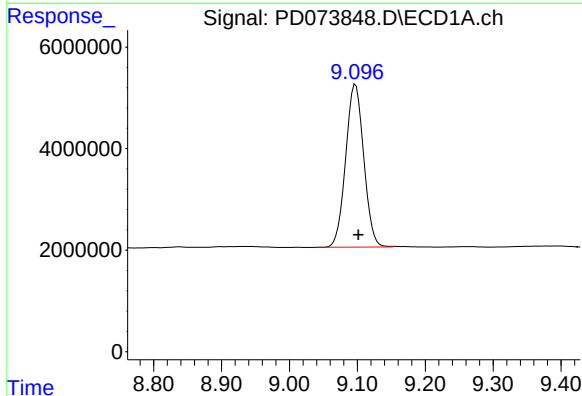
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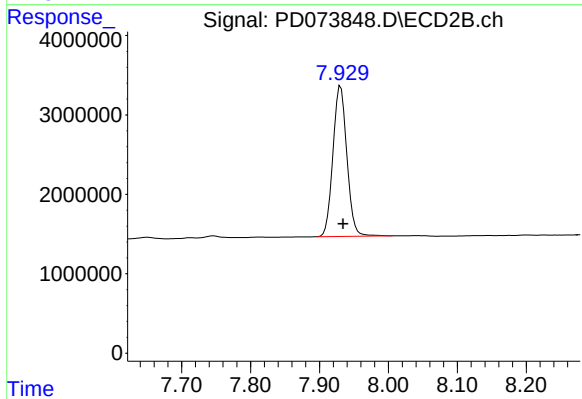
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 4095085
Conc: 3.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.097 min
Delta R.T.: -0.004 min
Response: 59254004
Conc: 21.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.004 min
Response: 26634965
Conc: 22.89 ng/ml