

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062623\
 Data File : PD076192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2023 03:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/26/2023
 Supervised By : Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 06:52:05 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...	3.546	2.767	46980176	24182755	22.055	22.290
28)	SA Decachlor...	9.087	7.911	51101865	21427475	20.172	21.914
Target Compounds							
2)	A alpha-BHC	4.002	3.269	37949784	16813954	10.279	10.510
3)	MA gamma-BHC...	4.335	3.599	36005698	15930111	10.700	10.812
6)	B beta-BHC	4.532	3.896	16444067	8016986	11.438	12.577
12)	B 4,4'-DDE	6.206	5.224	340047	117920	0.119	0.106m
14)	MA Endrin	6.591	5.633	122.1E6	60606083	45.642	49.800
16)	A 4,4'-DDD	6.723	5.780	12840203	6425010	5.642	7.291 #
17)	MA 4,4'-DDT	7.039	6.032	241.2E6	109.7E6	106.302	134.998 #
18)	B Endrin al...	6.940	6.107	3566959	2488020	1.778	2.875 #
20)	A Methoxychlor	7.515	6.607	332.2E6	144.9E6	256.657	313.066
21)	B Endrin ke...	7.661	6.835	11372865	5940810	4.082	4.890

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

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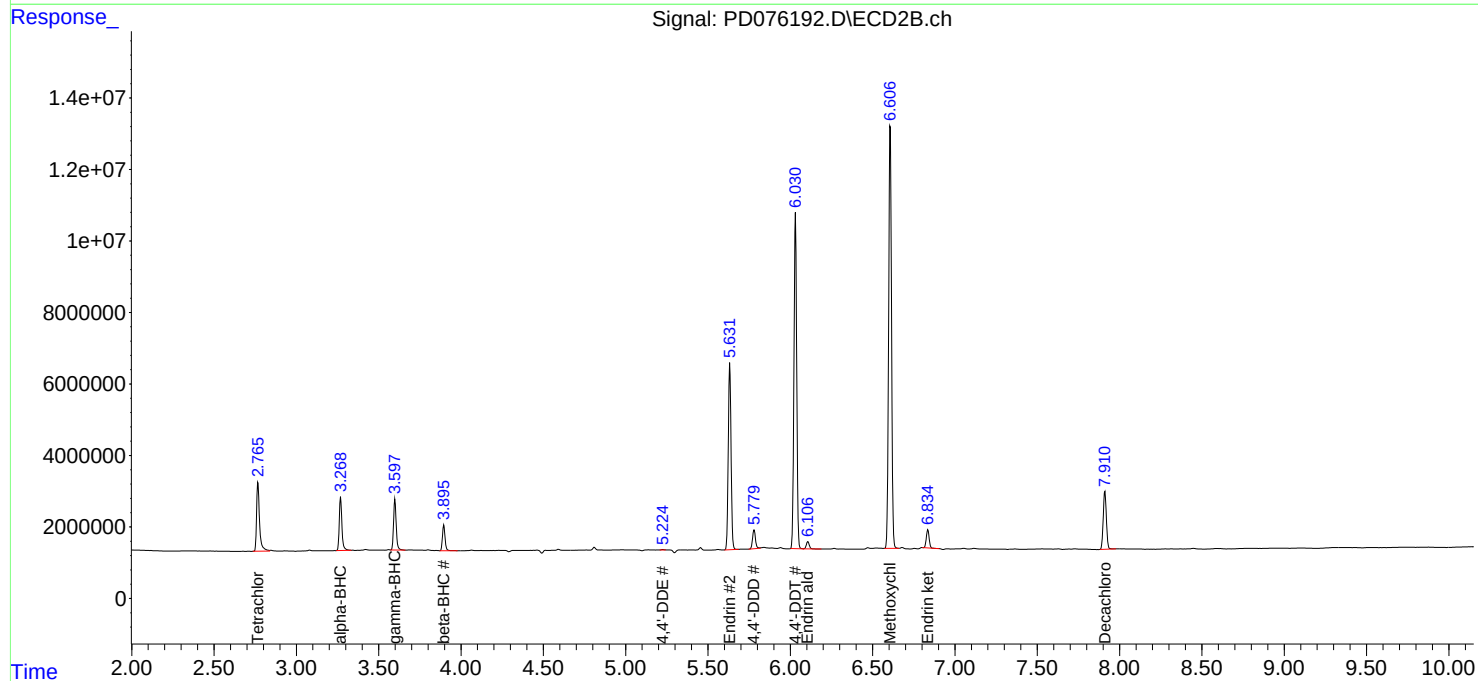
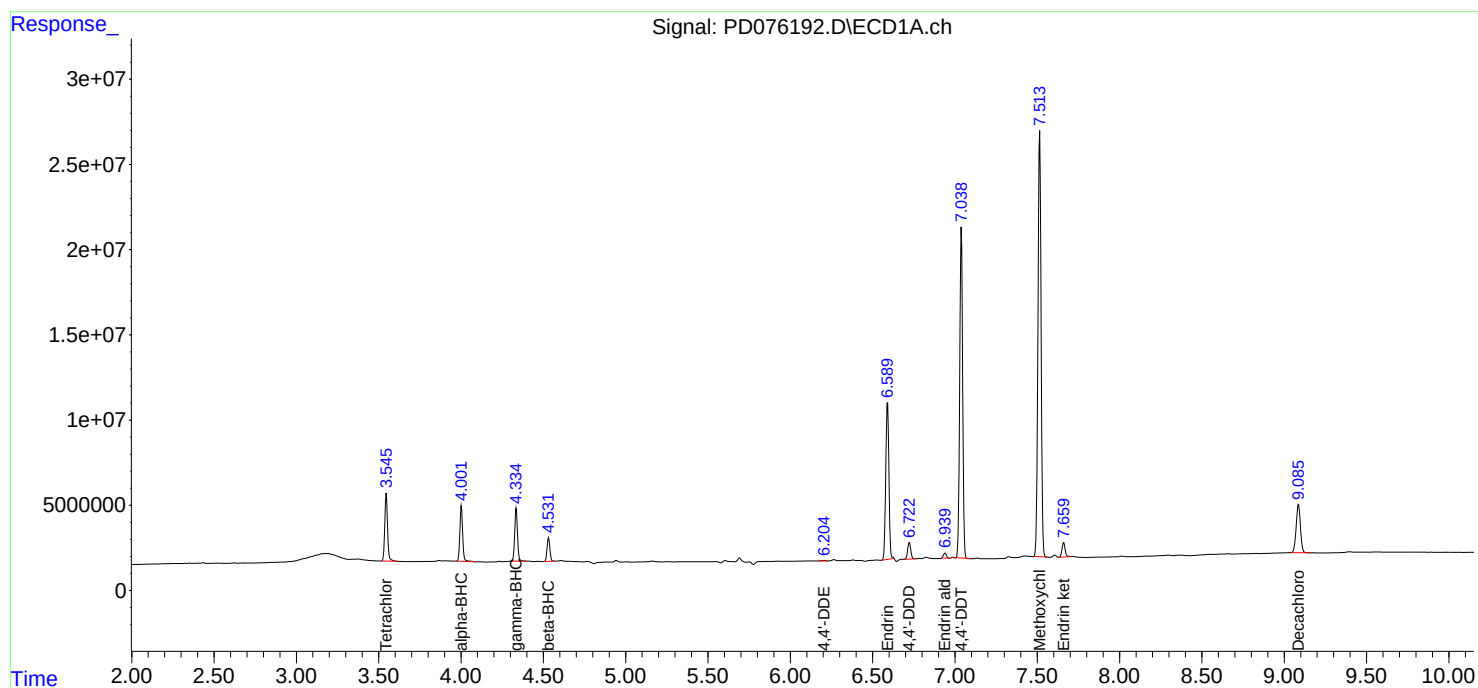
Instrument :
ECD_D
ClientSampleId :
PEM

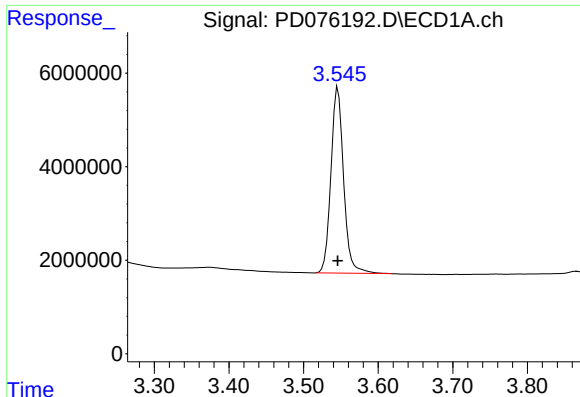
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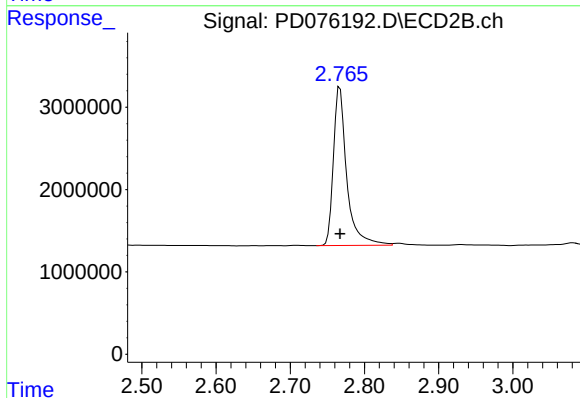
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 46980176
Conc: 22.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

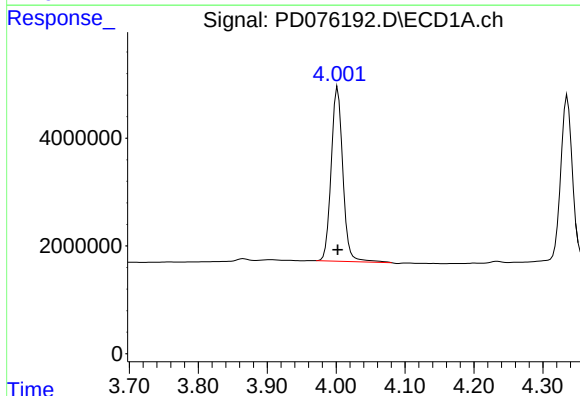
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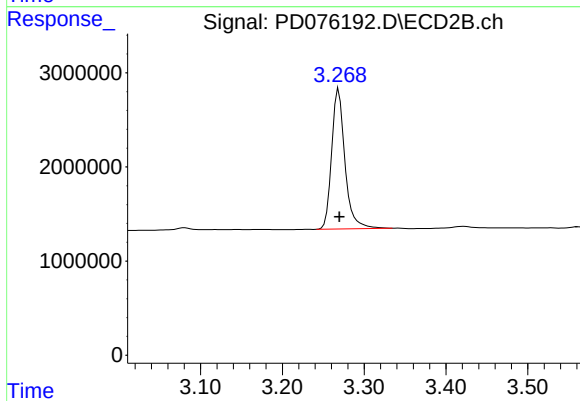
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 24182755
Conc: 22.29 ng/ml



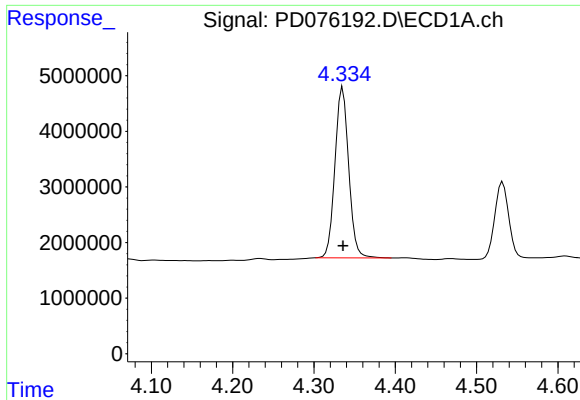
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 37949784
Conc: 10.28 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 16813954
Conc: 10.51 ng/ml



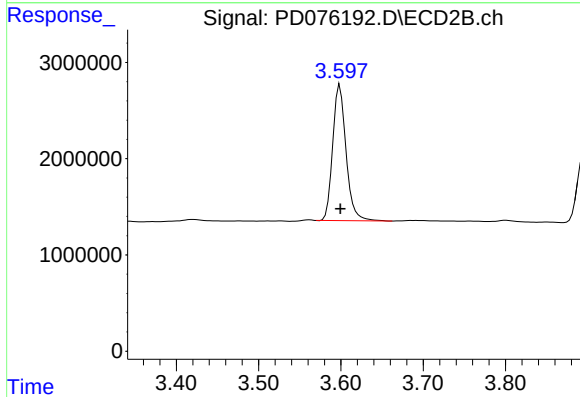
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 36005698
Conc: 10.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

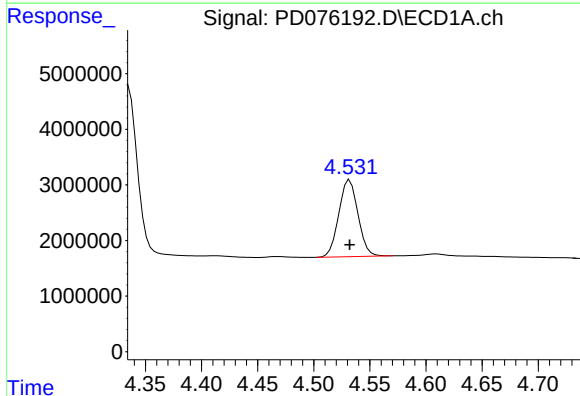
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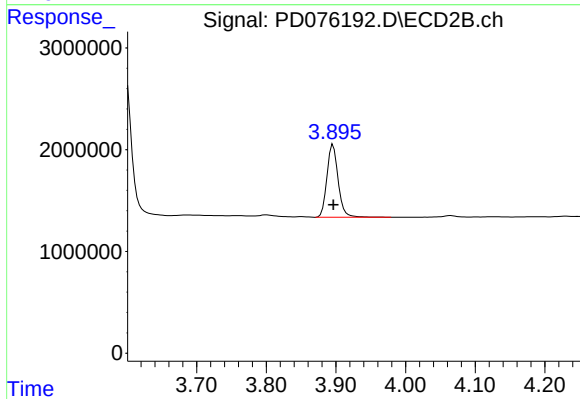
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 15930111
Conc: 10.81 ng/ml



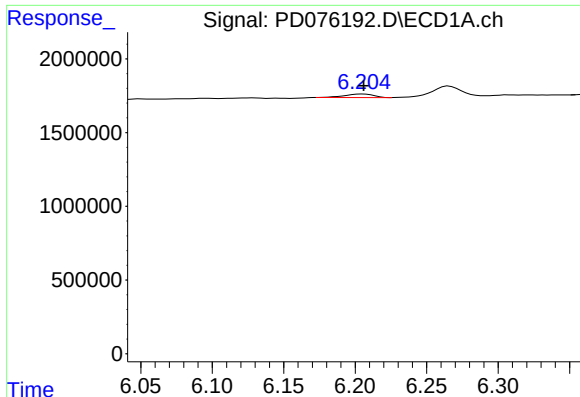
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 16444067
Conc: 11.44 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 8016986
Conc: 12.58 ng/ml



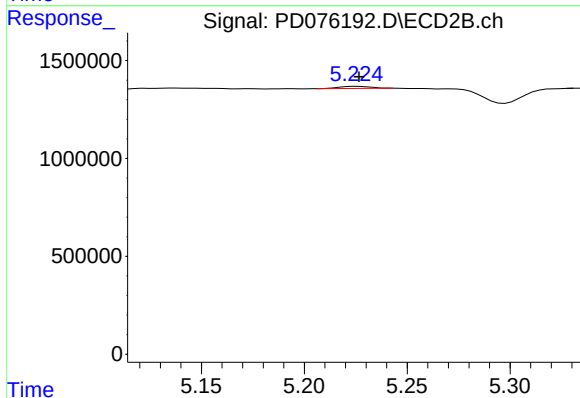
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 340047
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

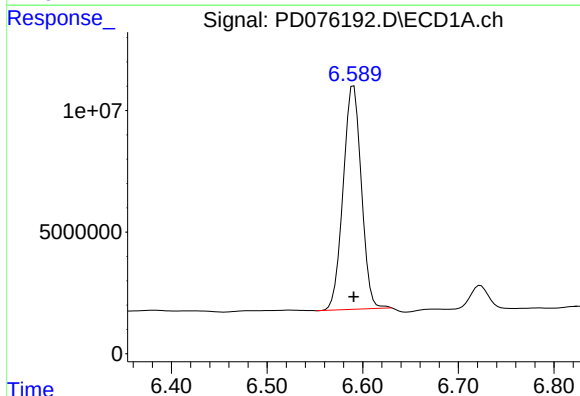
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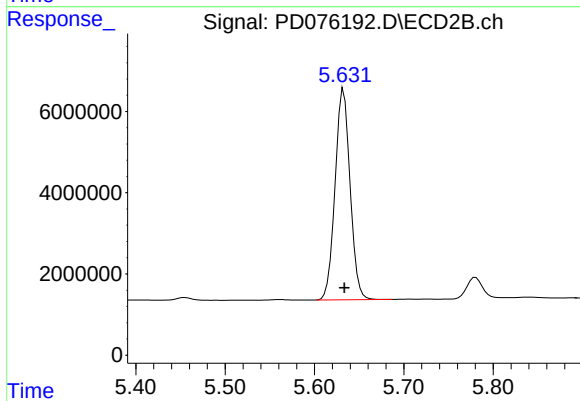
#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 117920
Conc: 0.11 ng/ml m



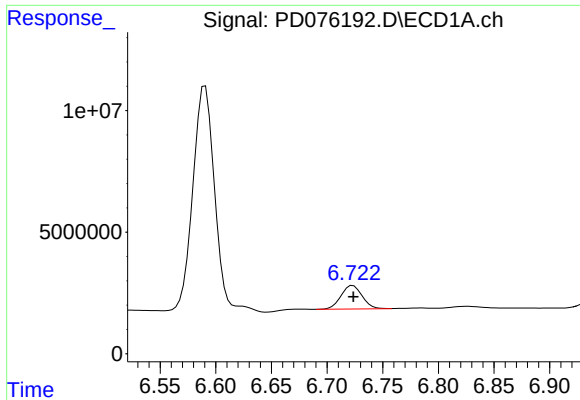
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 122062149
Conc: 45.64 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 60606083
Conc: 49.80 ng/ml



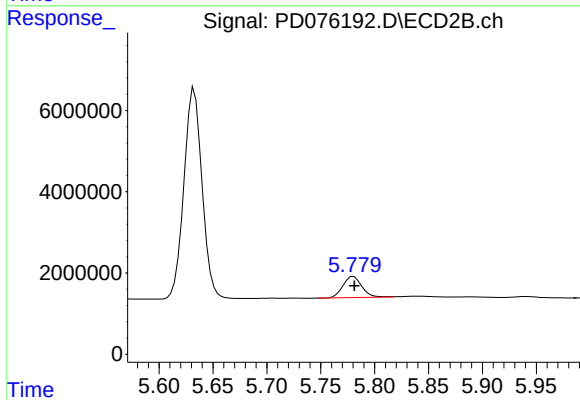
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 12840203
Conc: 5.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

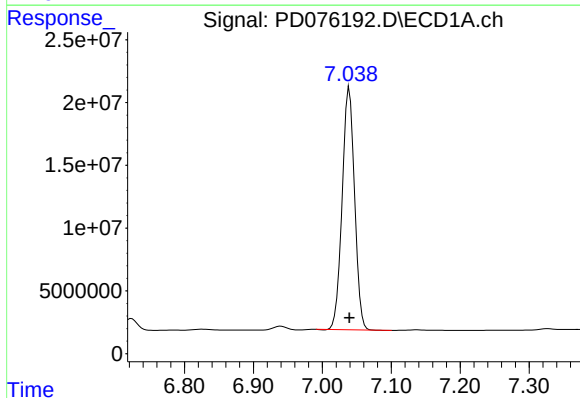
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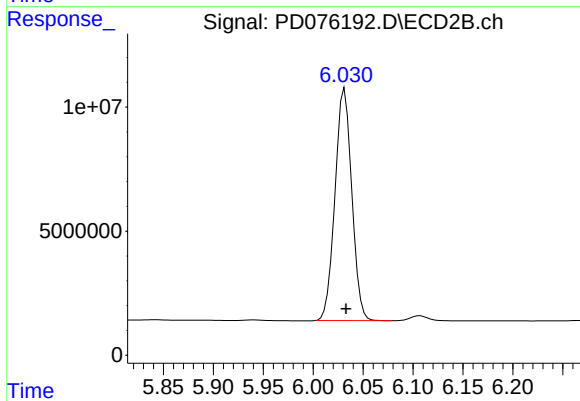
#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 6425010
Conc: 7.29 ng/ml



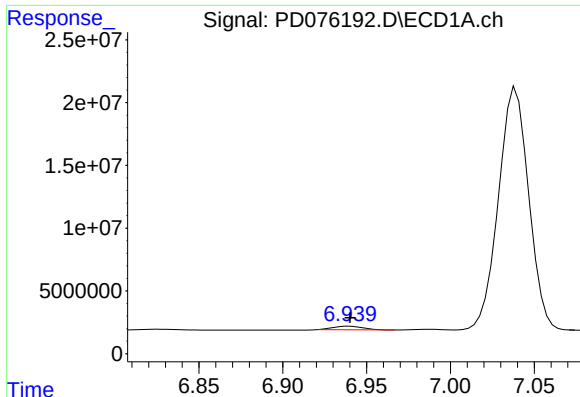
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 241227694
Conc: 106.30 ng/ml



#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: -0.001 min
Response: 109657946
Conc: 135.00 ng/ml



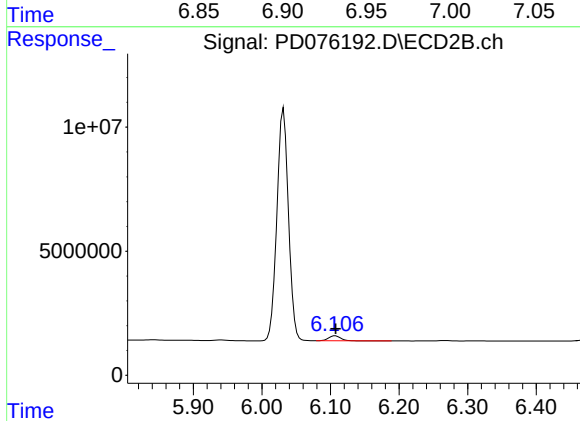
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 3566959
Conc: 1.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

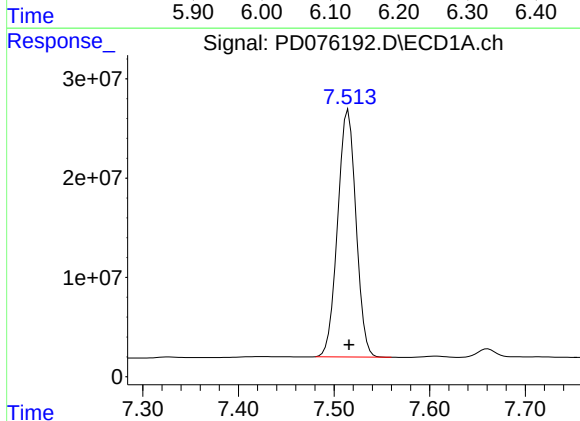
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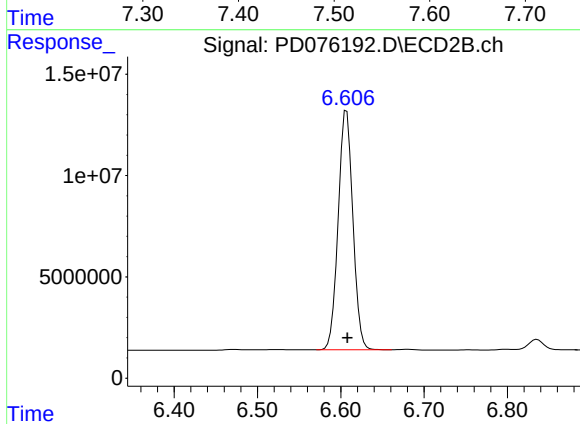
#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 2488020
Conc: 2.87 ng/ml



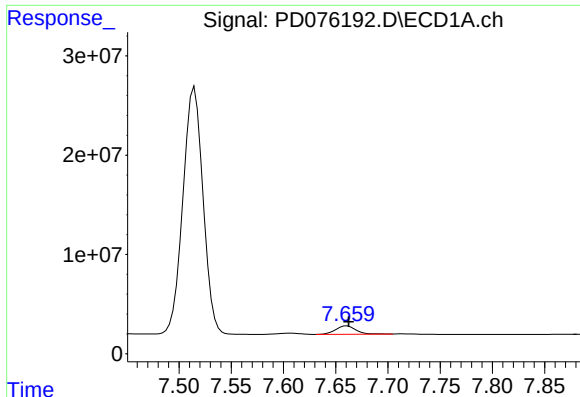
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 332215076
Conc: 256.66 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 144900282
Conc: 313.07 ng/ml



#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: -0.002 min
Response: 11372865
Conc: 4.08 ng/ml

Instrument :

ECD_D

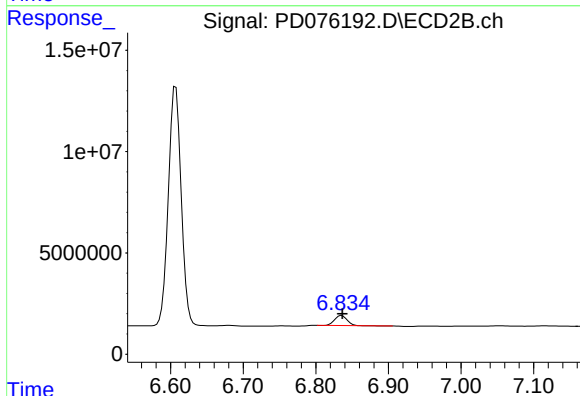
ClientSampleId :

PEM

Manual Integrations

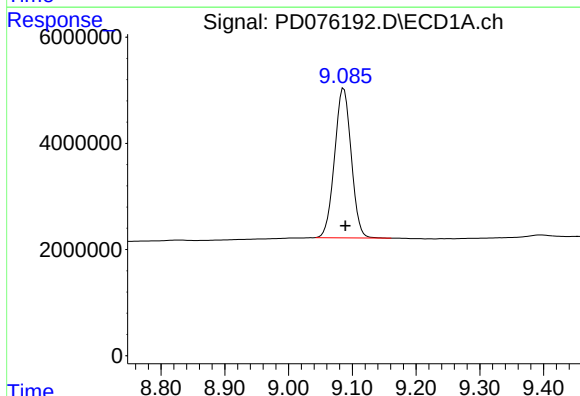
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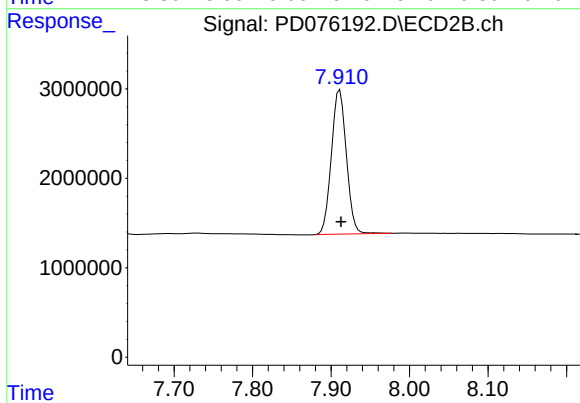
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.001 min
Response: 5940810
Conc: 4.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.002 min
Response: 51101865
Conc: 20.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 21427475
Conc: 21.91 ng/ml