

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011019\
 Data File : PD050961.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Jan 2019 19:41
 Operator : AJ\SJ
 Sample : K1087-01MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MH-448-CMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 03:57:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011019.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 03:41:46 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.227	4.047	27923490	591.1E6	18.695	19.862
28)	SA Decachlor...	7.833	9.164	20496048	280.9E6	16.887	14.078
Target Compounds							
2)	A alpha-BHC	3.648	4.440	119.2E6	1977.3E6	49.520	43.390
3)	MA gamma-BHC...	3.916	4.727	114.4E6	1830.9E6	48.504	44.050
4)	MA Heptachlor	4.194	5.241	116.3E6	1750.9E6	48.556	42.915
5)	MB Aldrin	4.427	5.549	117.5E6	1546.0E6	49.521	39.495
6)	B beta-BHC	4.162	4.896	45952341	804.4E6	48.528	44.451
7)	B delta-BHC	4.351	5.116	93385188	1323.8E6	41.480	34.069
8)	B Heptachlo...	4.855	5.936	110.5E6	1342.1E6	49.155	38.490
9)	A Endosulfan I	5.177	6.295	100.9E6	1166.1E6	47.339	37.060
10)	B gamma-Chl...	5.073	6.171	115.3E6	1331.9E6	49.206	38.347
11)	B alpha-Chl...	5.128	6.244	113.1E6	1290.9E6	48.958	38.087
12)	B 4,4'-DDE	5.298	6.400	109.3E6	1256.8E6	50.632	38.122
13)	MA Dieldrin	5.412	6.553	114.0E6	1232.5E6	48.668	36.948
14)	MA Endrin	5.660	6.773	98488504	981.7E6	44.969	34.857
15)	B Endosulfa...	5.928	6.980	90503148	947.7E6	45.261m	34.624m
16)	A 4,4'-DDD	5.800	6.892	84641643	921.0E6	47.936	35.101 #
17)	MA 4,4'-DDT	6.031	7.192	87603450	854.8E6	46.558	35.814
18)	B Endrin al...	6.096	7.106	65398436	727.7E6	40.509	31.930
19)	B Endosulfa...	6.304	7.330	71710989	780.8E6	36.609m	28.922
20)	A Methoxychlor	6.579	7.651	40497667	400.7E6	42.375	32.912
21)	B Endrin ke...	6.780	7.804	90110838	822.3E6	42.336	32.347

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011019\
 Data File : PD050961.D
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 Acq On : 09 Jan 2019 19:41
 Operator : AJ\SJ
 Sample : K1087-01MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

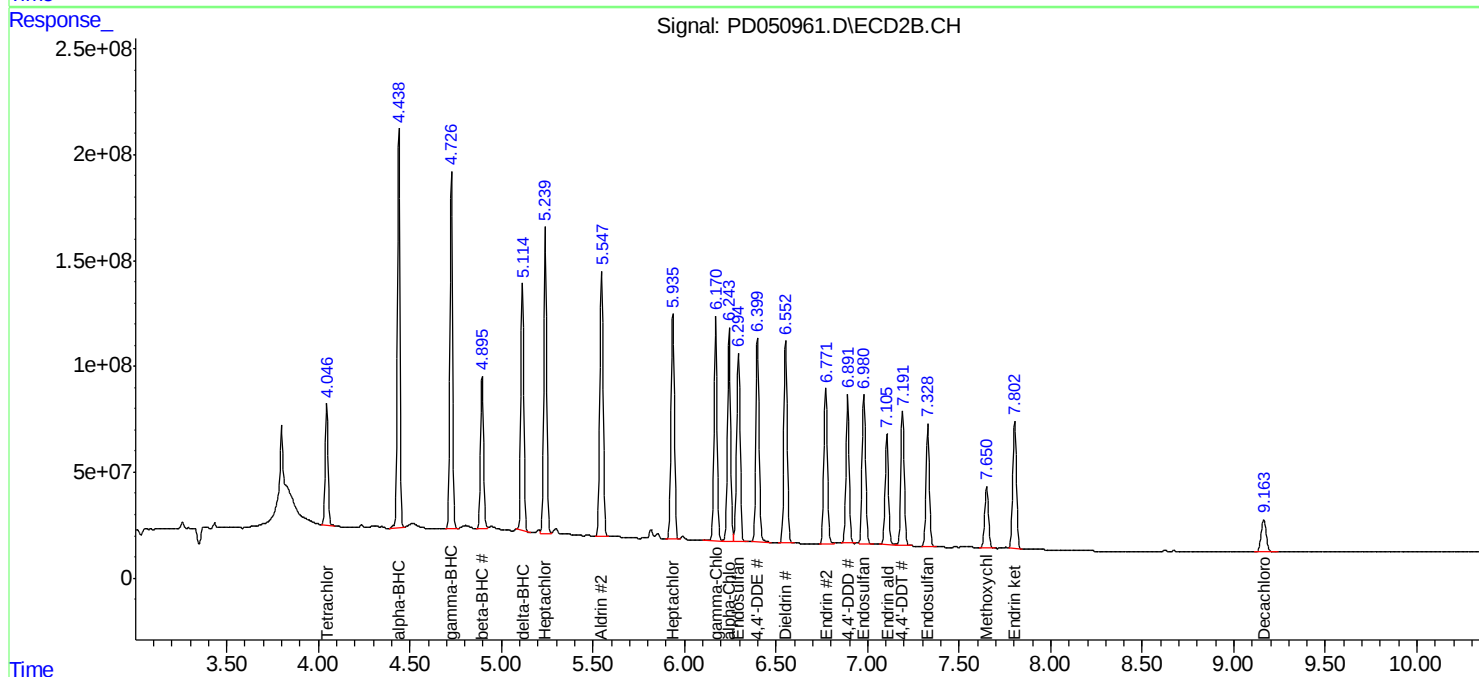
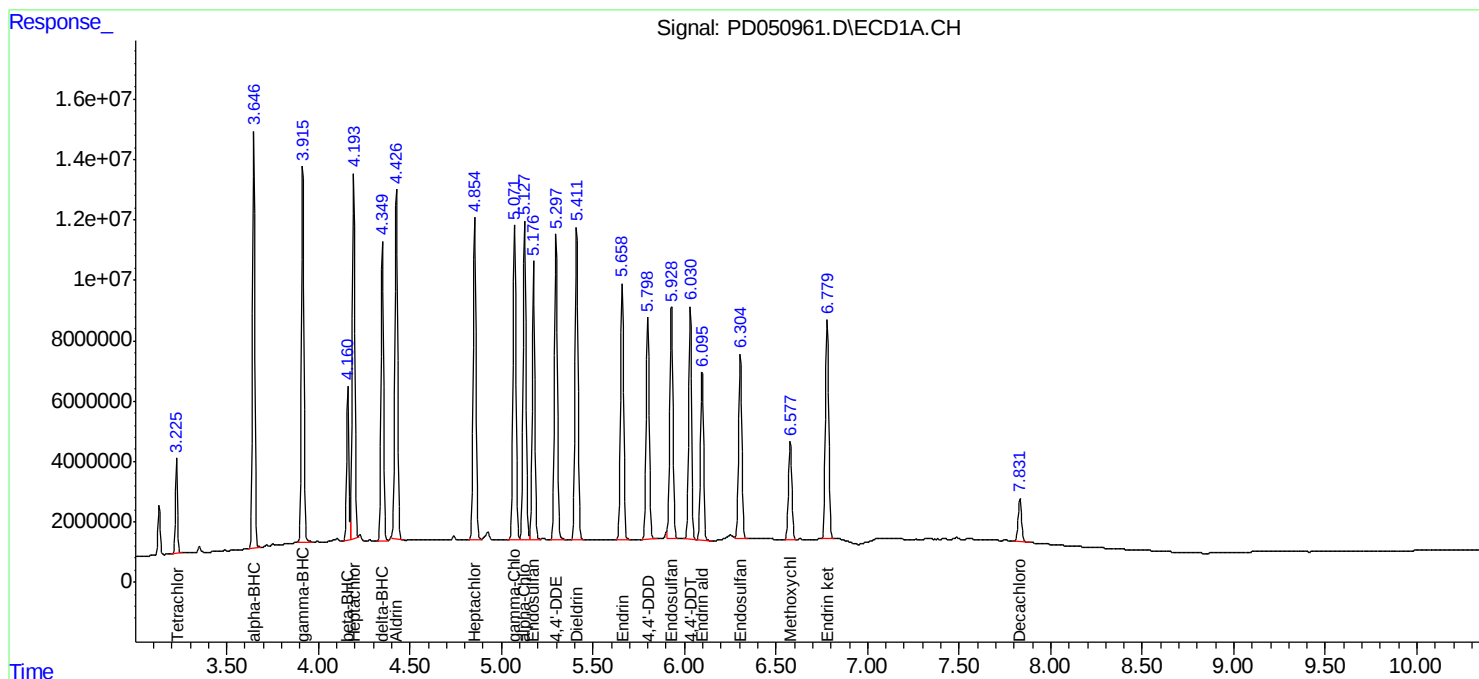
Instrument :
 ECD_D
 ClientSampled :
 MH-448-CMSD

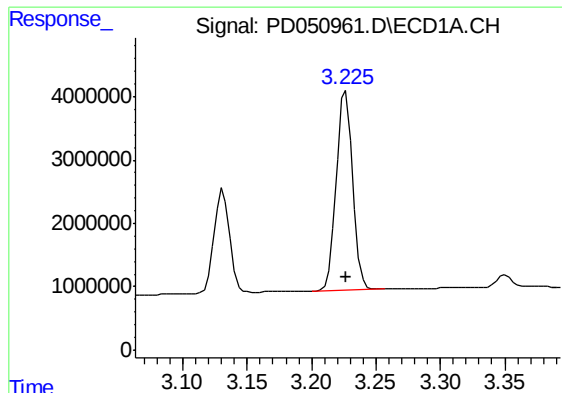
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 03:57:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011019.M
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Volume Inj. : 2 µl
 Signal #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





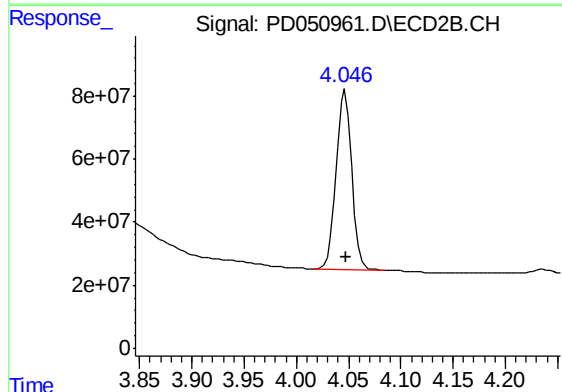
#1 Tetrachloro-m-xylene

R.T.: 3.227 min
Delta R.T.: 0.000 min
Response: 27923490
Conc: 18.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMSD

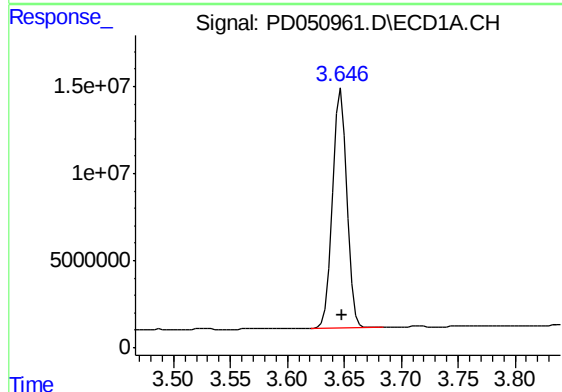
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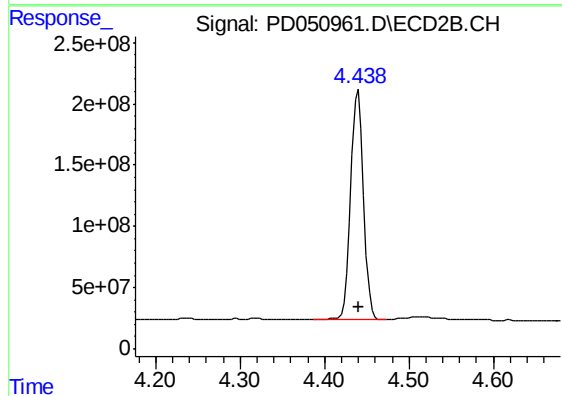
#1 Tetrachloro-m-xylene

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 591110033
Conc: 19.86 ng/ml



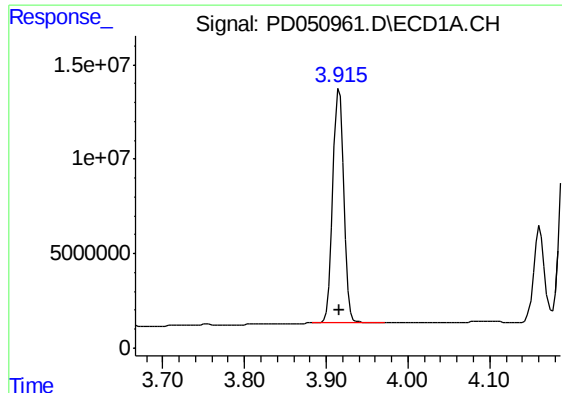
#2 alpha-BHC

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 119192541
Conc: 49.52 ng/ml



#2 alpha-BHC

R.T.: 4.440 min
Delta R.T.: 0.000 min
Response: 1977316999
Conc: 43.39 ng/ml



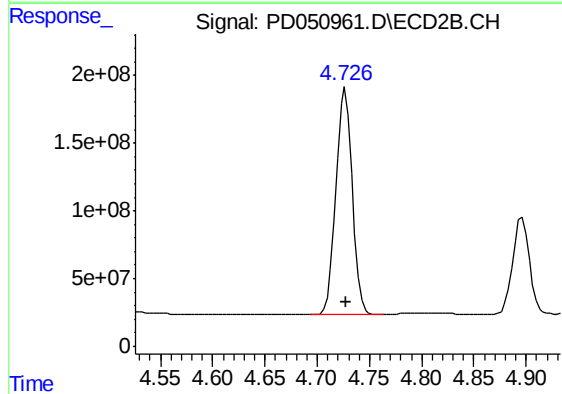
#3 gamma-BHC (Lindane)

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 114393390
Conc: 48.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMSD

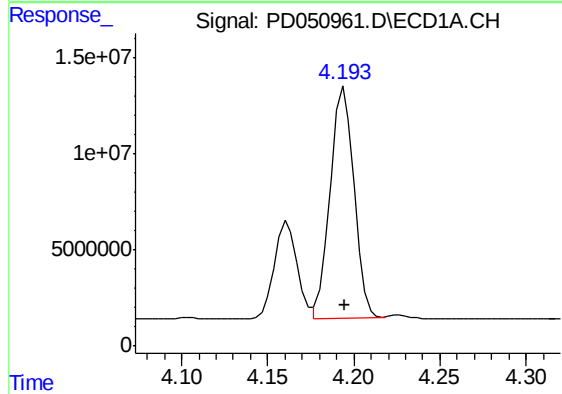
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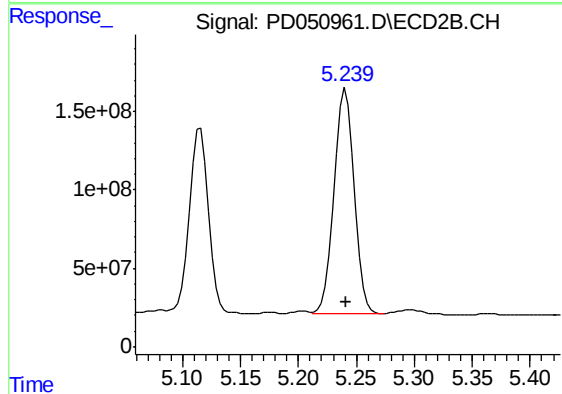
#3 gamma-BHC (Lindane)

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 1830925505
Conc: 44.05 ng/ml



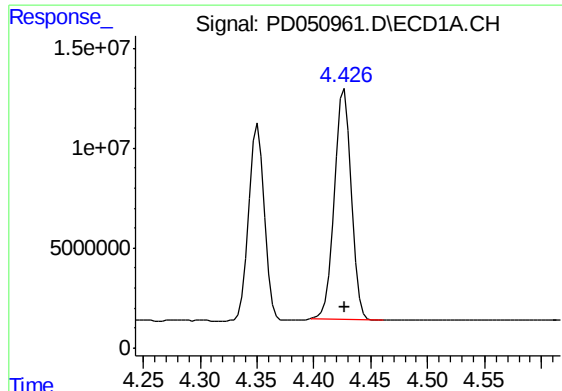
#4 Heptachlor

R.T.: 4.194 min
Delta R.T.: 0.000 min
Response: 116303874
Conc: 48.56 ng/ml



#4 Heptachlor

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 1750921600
Conc: 42.92 ng/ml



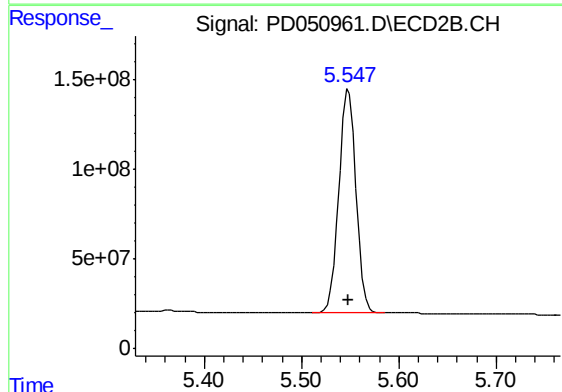
#5 Aldrin

R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 117503775
Conc: 49.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMSD

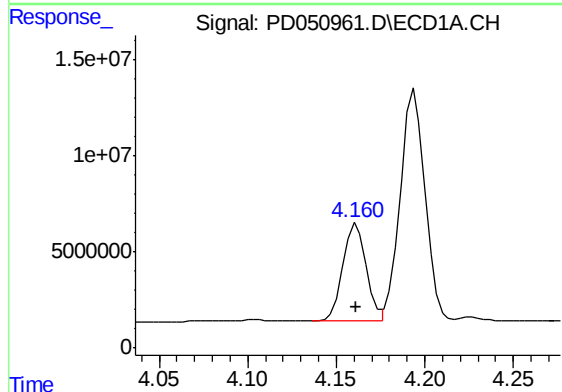
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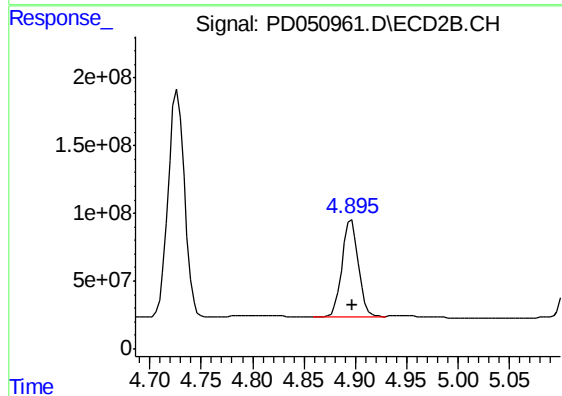
#5 Aldrin

R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 1546047748
Conc: 39.49 ng/ml



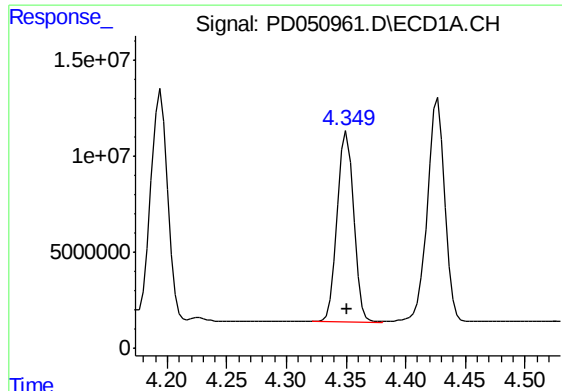
#6 beta-BHC

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 45952341
Conc: 48.53 ng/ml



#6 beta-BHC

R.T.: 4.896 min
Delta R.T.: 0.000 min
Response: 804362834
Conc: 44.45 ng/ml



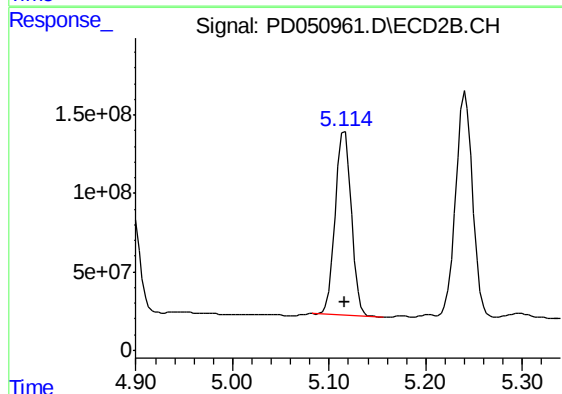
#7 delta-BHC

R.T.: 4.351 min
Delta R.T.: 0.000 min
Response: 93385188
Conc: 41.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMSD

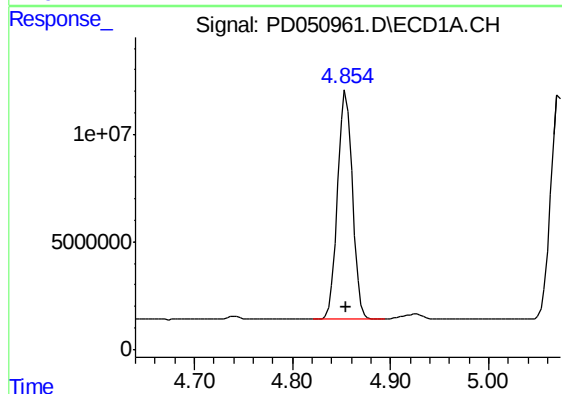
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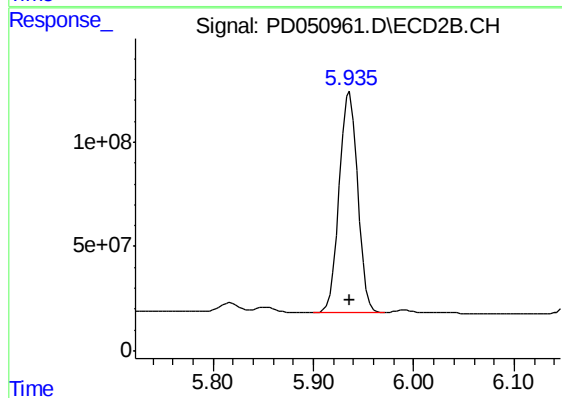
#7 delta-BHC

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 1323786909
Conc: 34.07 ng/ml



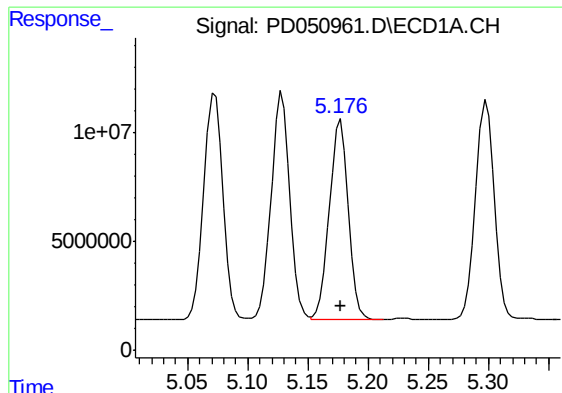
#8 Heptachlor epoxide

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 110478708
Conc: 49.16 ng/ml



#8 Heptachlor epoxide

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 1342056343
Conc: 38.49 ng/ml



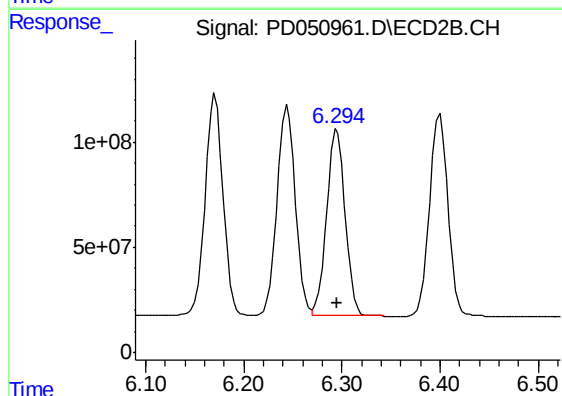
#9 Endosulfan I

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 100919785
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMSD

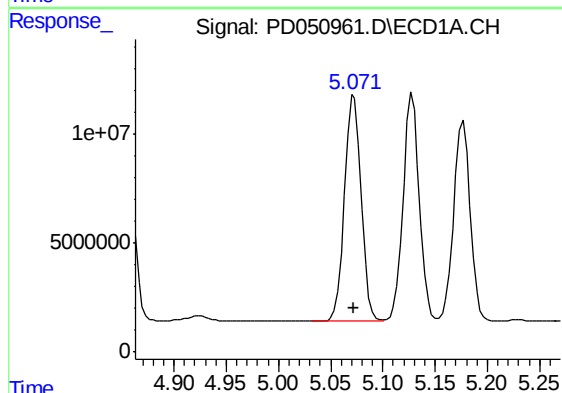
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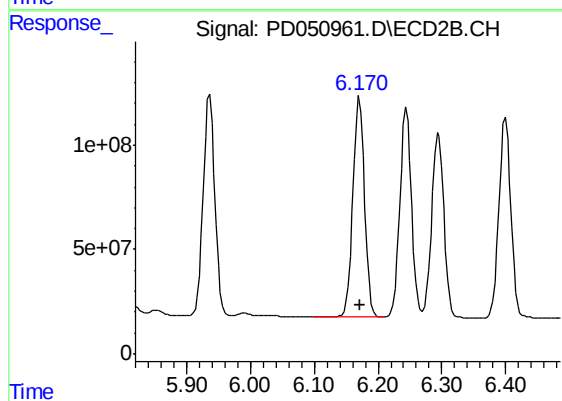
#9 Endosulfan I

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 1166146501
Conc: 37.06 ng/ml



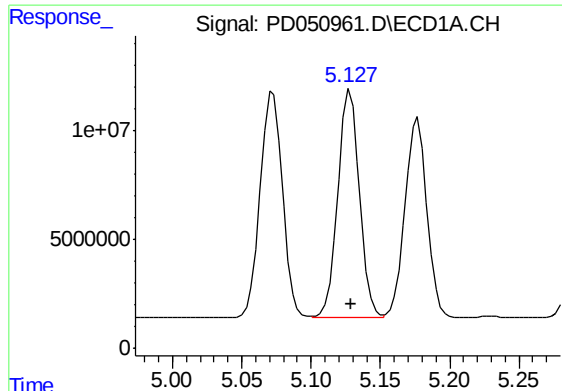
#10 gamma-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 115260698
Conc: 49.21 ng/ml



#10 gamma-Chlordane

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 1331883268
Conc: 38.35 ng/ml



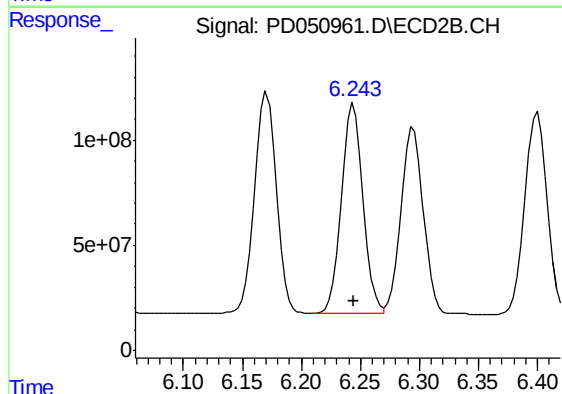
#11 alpha-Chlordane

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 113103344
Conc: 48.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMSD

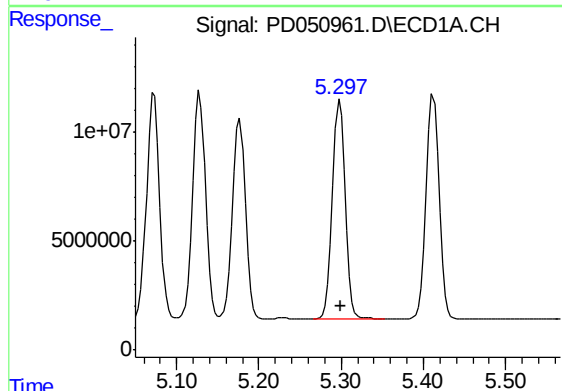
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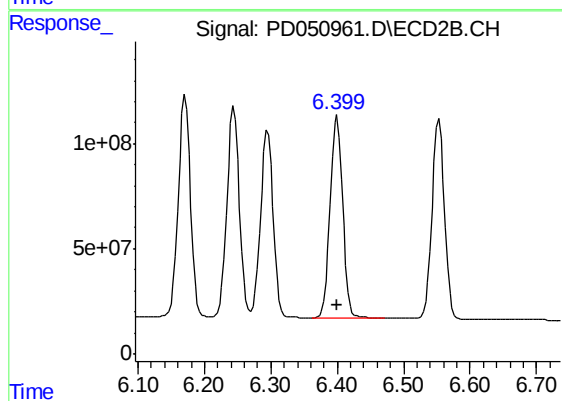
#11 alpha-Chlordane

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 1290948763
Conc: 38.09 ng/ml



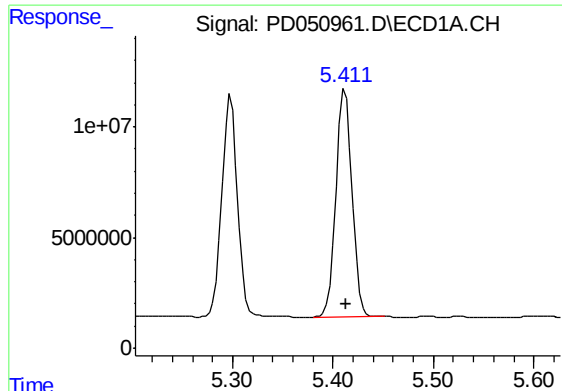
#12 4,4'-DDE

R.T.: 5.298 min
Delta R.T.: 0.000 min
Response: 109289641
Conc: 50.63 ng/ml



#12 4,4'-DDE

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 1256808327
Conc: 38.12 ng/ml



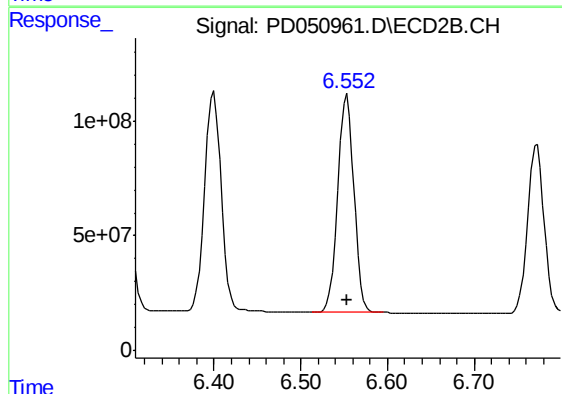
#13 Dieldrin

R.T.: 5.412 min
Delta R.T.: 0.000 min
Response: 113987754
Conc: 48.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMSD

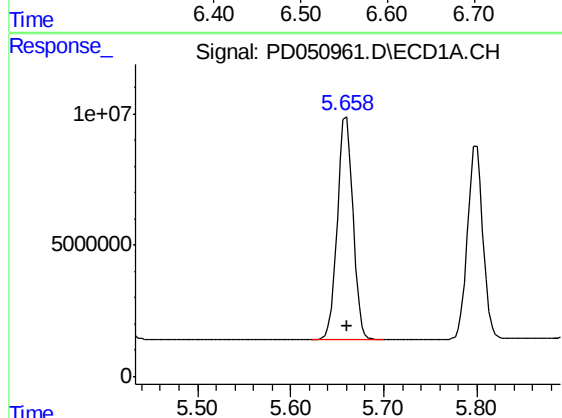
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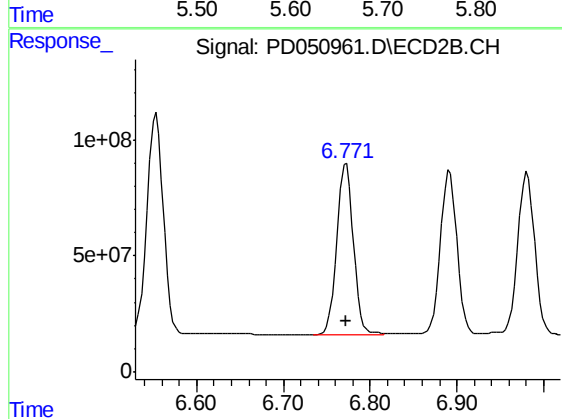
#13 Dieldrin

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 1232525408
Conc: 36.95 ng/ml



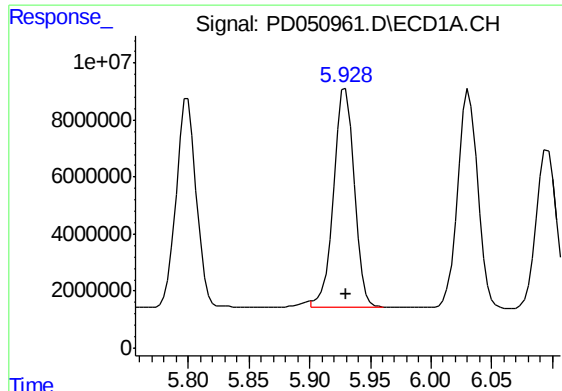
#14 Endrin

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 98488504
Conc: 44.97 ng/ml



#14 Endrin

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 981691833
Conc: 34.86 ng/ml



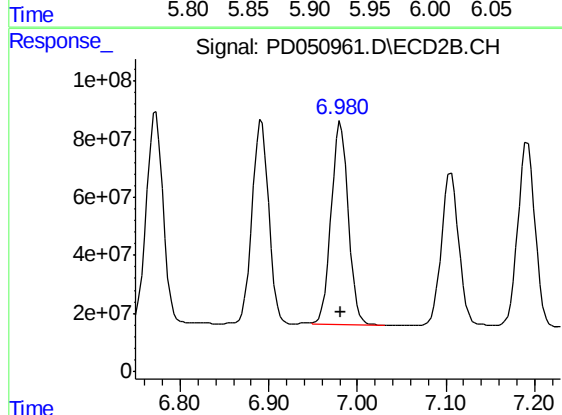
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: -0.001 min
Response: 90503148
Conc: 45.26 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MH-448-CMSD

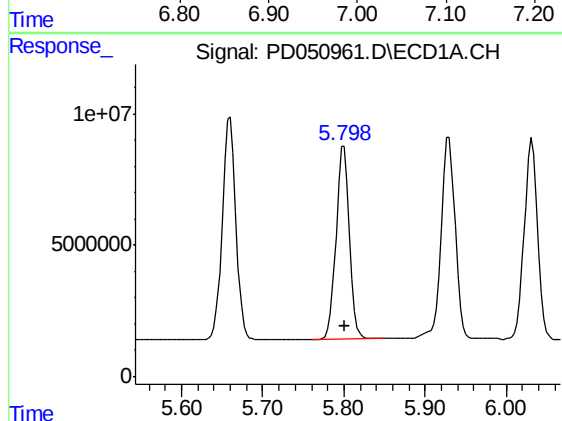
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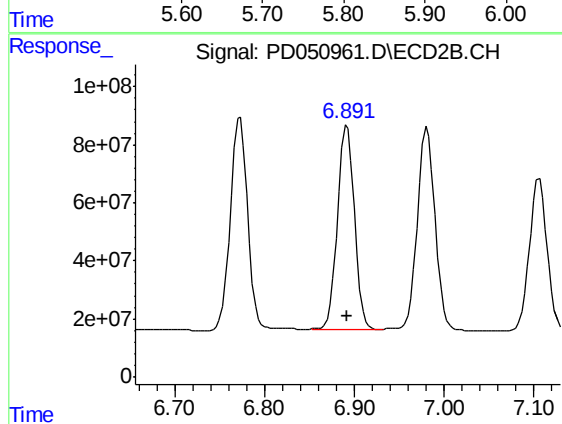
#15 Endosulfan II

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 947717026
Conc: 34.62 ng/ml m



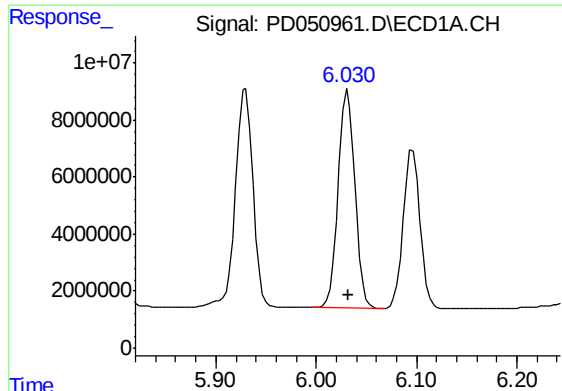
#16 4,4'-DDD

R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 84641643
Conc: 47.94 ng/ml



#16 4,4'-DDD

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 921031894
Conc: 35.10 ng/ml



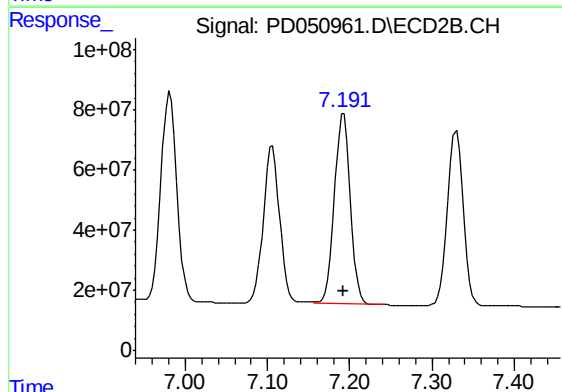
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 87603450
Conc: 46.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMSD

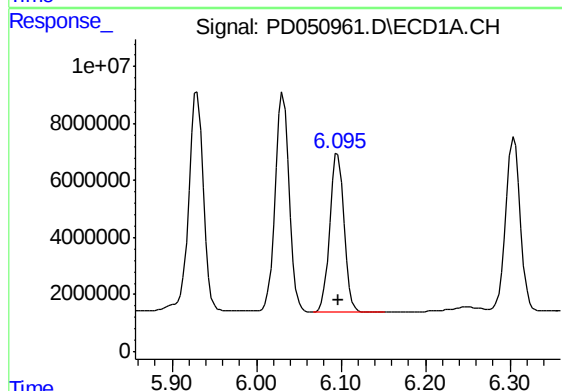
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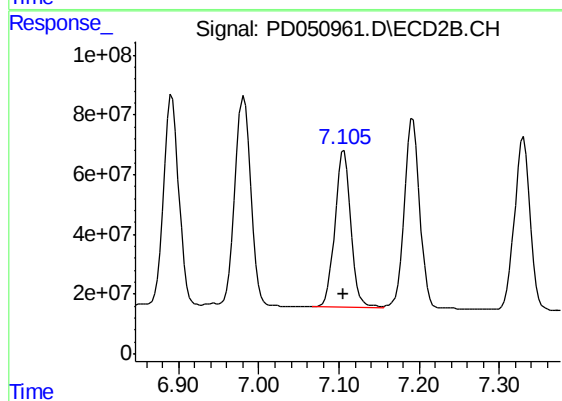
#17 4,4'-DDT

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 854841506
Conc: 35.81 ng/ml



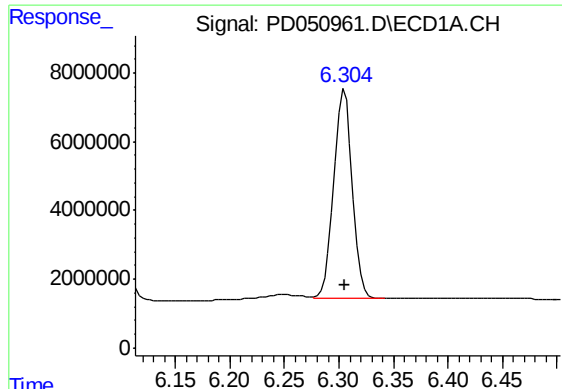
#18 Endrin aldehyde

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 65398436
Conc: 40.51 ng/ml



#18 Endrin aldehyde

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 727723707
Conc: 31.93 ng/ml



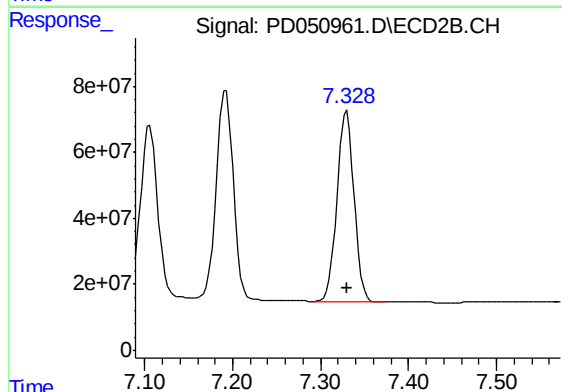
#19 Endosulfan Sulfate

R.T.: 6.304 min
Delta R.T.: -0.002 min
Response: 71710989
Conc: 36.61 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MH-448-CMSD

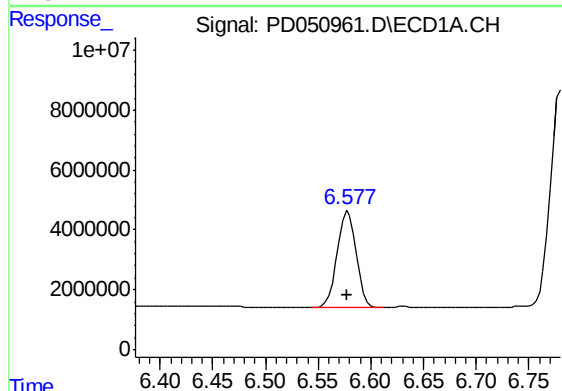
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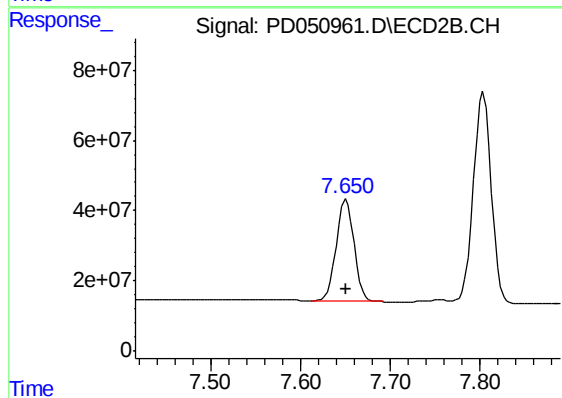
#19 Endosulfan Sulfate

R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 780764426
Conc: 28.92 ng/ml



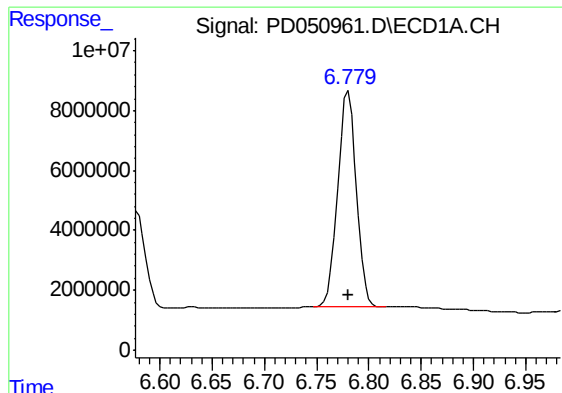
#20 Methoxychlor

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 40497667
Conc: 42.37 ng/ml



#20 Methoxychlor

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 400651580
Conc: 32.91 ng/ml



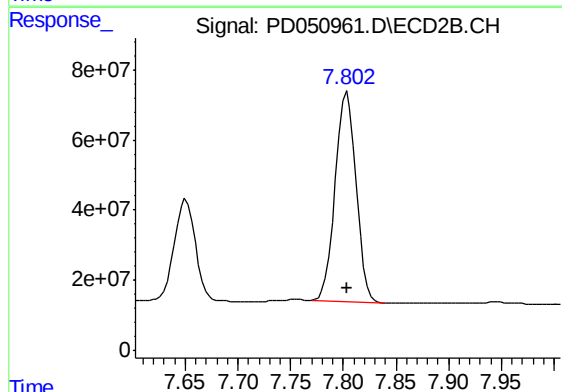
#21 Endrin ketone

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 90110838
Conc: 42.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-448-CMSD

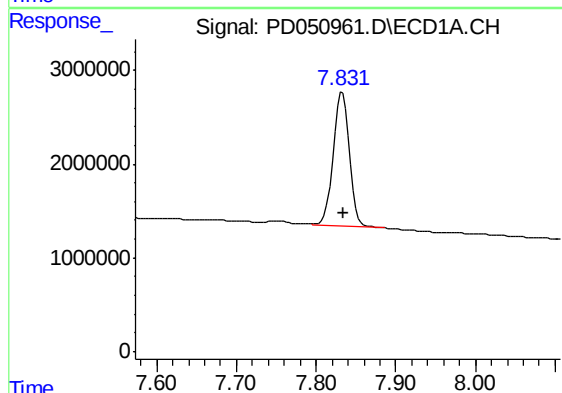
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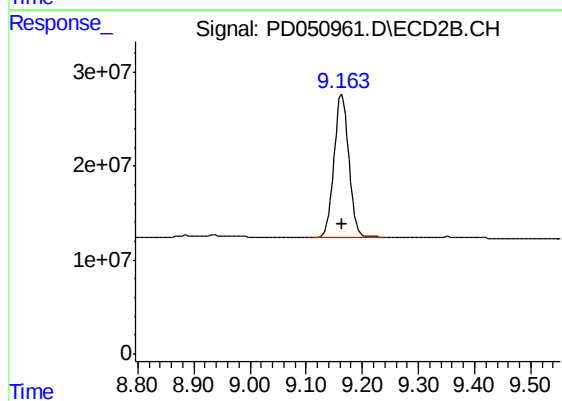
#21 Endrin ketone

R.T.: 7.804 min
Delta R.T.: 0.000 min
Response: 822320848
Conc: 32.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.001 min
Response: 20496048
Conc: 16.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.164 min
Delta R.T.: 0.000 min
Response: 280918706
Conc: 14.08 ng/ml