

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042721AR\
 Data File : FD037195.D
 Signal(s) : FID2B.CH
 Acq On : 28 Apr 2021 3:00
 Operator : DD\AJ
 Sample : M2176-18
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 STOCKPILE-COMP-4

Integration File: autoint1.e
 Quant Time: Apr 28 07:25:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.576	5684124	48.074 ug/ml
Spiked Amount 50.000		Recovery =	96.15%
6) S 2-Fluorobiphenyl (SURR)	8.436	2745417	35.580 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.16%
11) S ortho-Terphenyl (SURR)	11.477	4334885	35.096 ug/ml
Spiked Amount 50.000		Recovery =	70.19%
Target Compounds			
2) T Naphthalene (C11.7)	5.911	82488	0.600 ug/ml
5) T Acenaphthylene (C15.06)	8.237	122530	0.980 ug/ml
7) T Acenaphthene (C15.5)	8.532	65190	0.504 ug/ml
8) T Flouorene (C16.55)	9.311	128154	1.046 ug/ml
9) T Phenanthrene (C19.36)	10.706	1050645	8.913 ug/ml
10) T Anthracene (C19.43)	10.779	377473	3.277 ug/ml
12) T Fluoranthene (C21.85)	12.518	2251743	19.307 ug/ml
13) T Pyrene (C20.8)	12.814	1857069	16.131 ug/ml
14) T Benzo[a]anthracene (C...	14.683	1202977	10.930 ug/ml
15) T Chrysene (C27.41)	14.724	1171279	10.347 ug/ml
16) T benzo[b]fluoranthene ...	16.236	1590765	14.182 ug/ml
17) T Bnezo[k]fluoranthene ...	16.262	537861	4.994 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.611	1121350	10.834 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.973	962874	9.052 ug/ml
20) T Dibenz[a,h]anthracene...	18.016	256626	2.456 ug/ml
21) T Benzo[g,h,i]perylene ...	18.226	636222	5.956 ug/ml

(f)=RT Delta > 1/2 Window

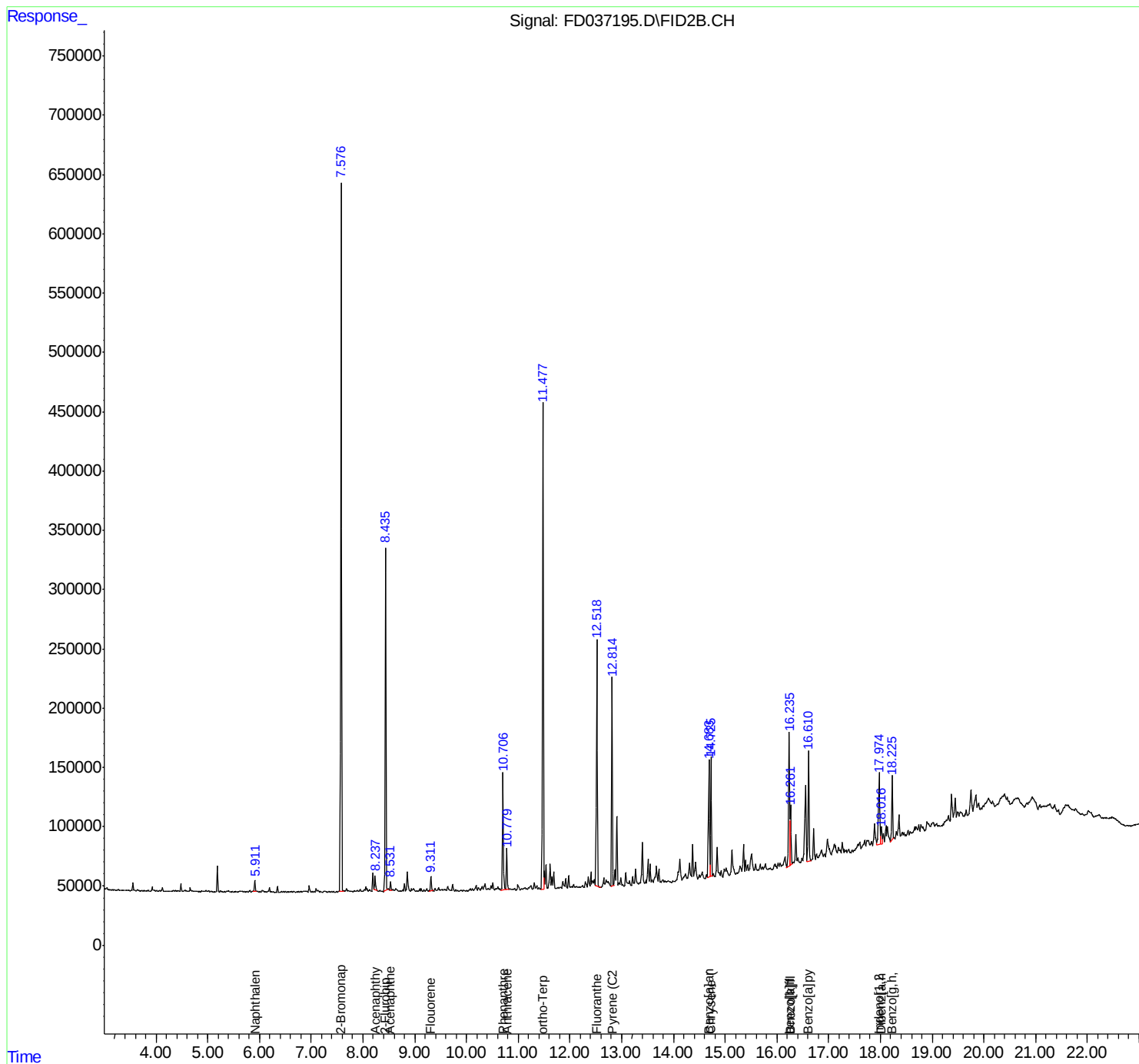
(m)=manual int.

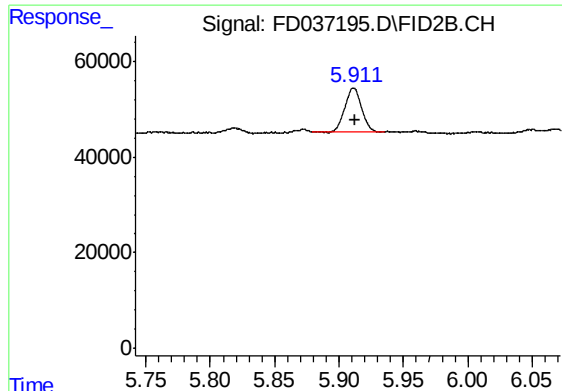
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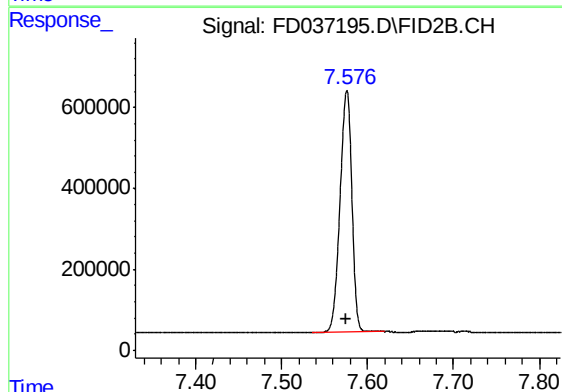




#2 Naphthalene (C11.7)

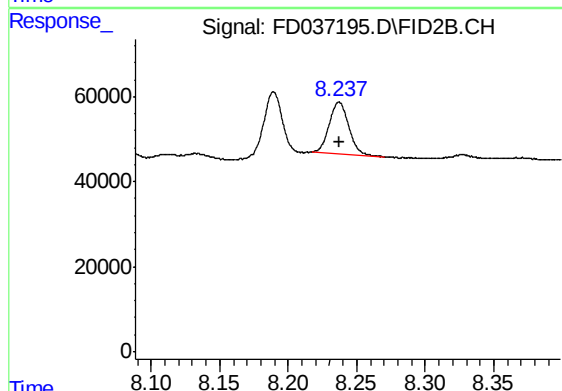
R.T.: 5.911 min
Delta R.T.: -0.001 min
Response: 82488
Conc: 0.60 ug/ml

Instrument :
FID_D
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STOCKPILE-COMP-4



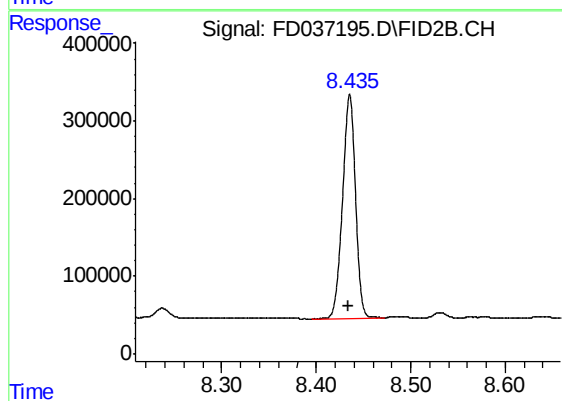
#4 2-Bromonaphthalene (SURR)

R.T.: 7.576 min
Delta R.T.: 0.002 min
Response: 5684124
Conc: 48.07 ug/ml



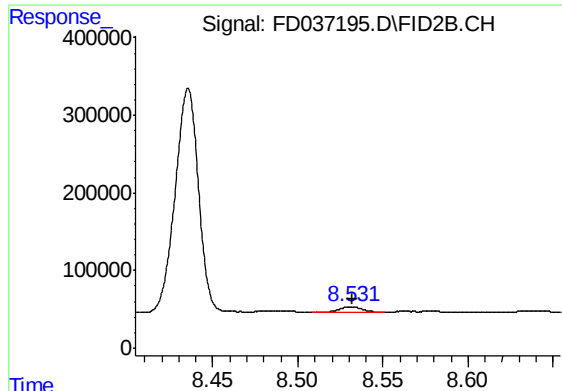
#5 Acenaphthylene (C15.06)

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 122530
Conc: 0.98 ug/ml



#6 2-Fluorobiphenyl (SURR)

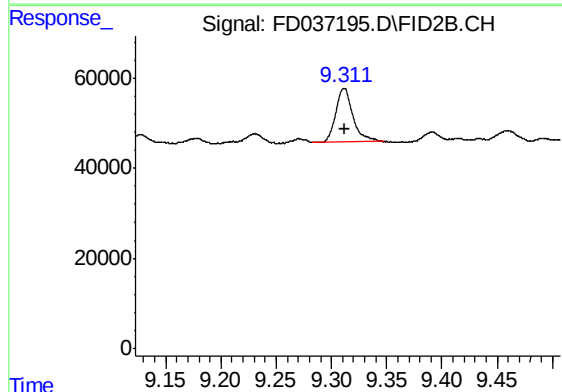
R.T.: 8.436 min
Delta R.T.: 0.001 min
Response: 2745417
Conc: 35.58 ug/ml



#7 Acenaphthene (C15.5)

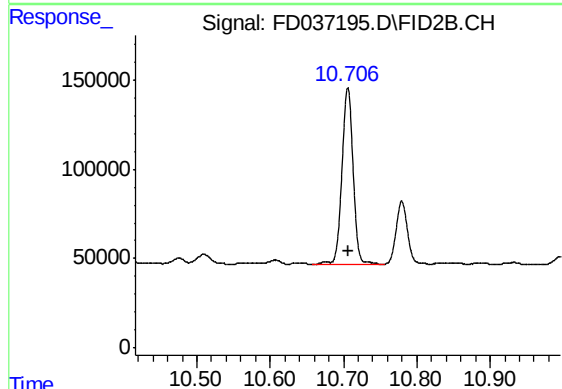
R.T.: 8.532 min
Delta R.T.: 0.000 min
Response: 65190
Conc: 0.50 ug/ml

Instrument :
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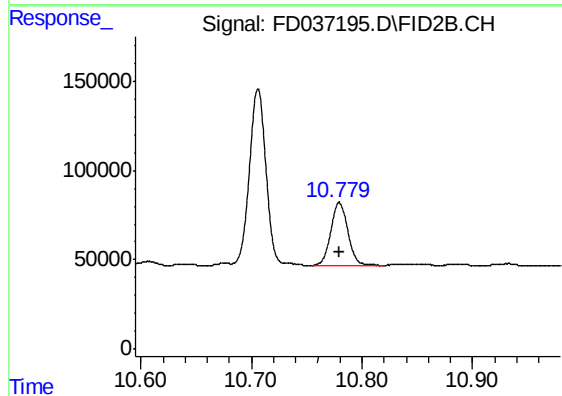
#8 Flouorene (C16.55)

R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 128154
Conc: 1.05 ug/ml



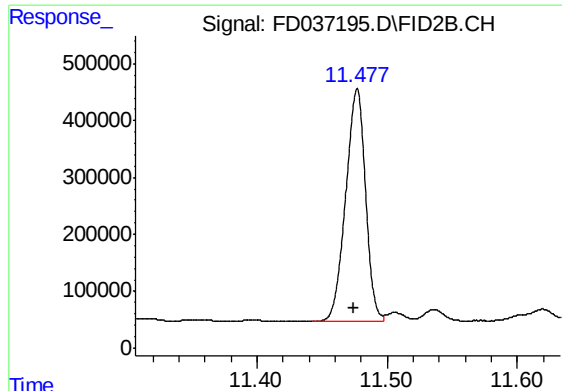
#9 Phenanthrene (C19.36)

R.T.: 10.706 min
Delta R.T.: 0.000 min
Response: 1050645
Conc: 8.91 ug/ml



#10 Anthracene (C19.43)

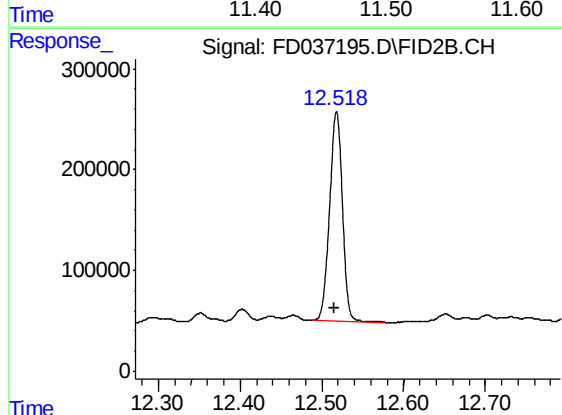
R.T.: 10.779 min
Delta R.T.: 0.000 min
Response: 377473
Conc: 3.28 ug/ml



#11 ortho-Terphenyl (SURR)

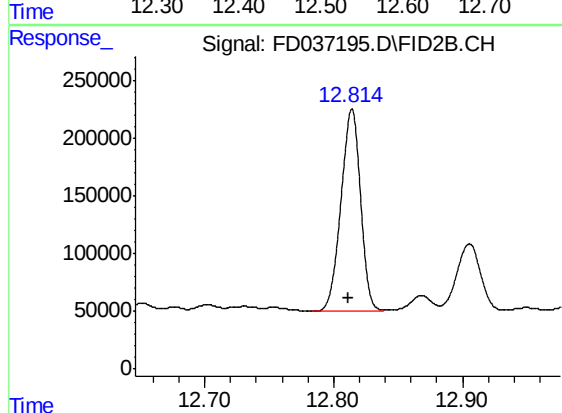
R.T.: 11.477 min
Delta R.T.: 0.002 min
Response: 4334885
Conc: 35.10 ug/ml

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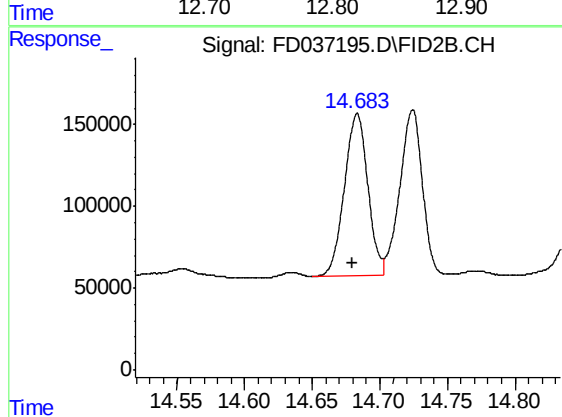
#12 Fluoranthene (C21.85)

R.T.: 12.518 min
Delta R.T.: 0.003 min
Response: 2251743
Conc: 19.31 ug/ml



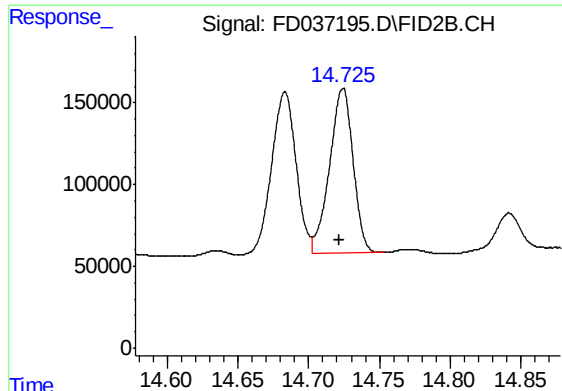
#13 Pyrene (C20.8)

R.T.: 12.814 min
Delta R.T.: 0.003 min
Response: 1857069
Conc: 16.13 ug/ml



#14 Benzo[a]anthracene (C26.37)

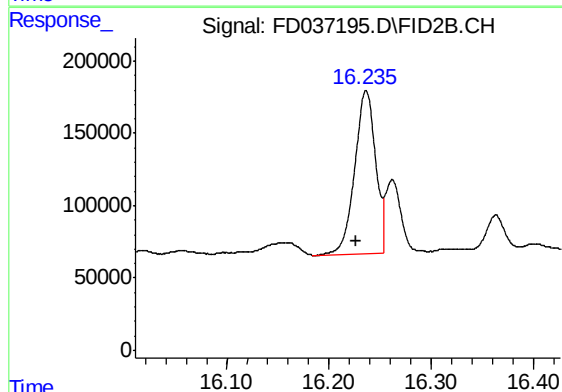
R.T.: 14.683 min
Delta R.T.: 0.004 min
Response: 1202977
Conc: 10.93 ug/ml



#15 Chrysene (C27.41)

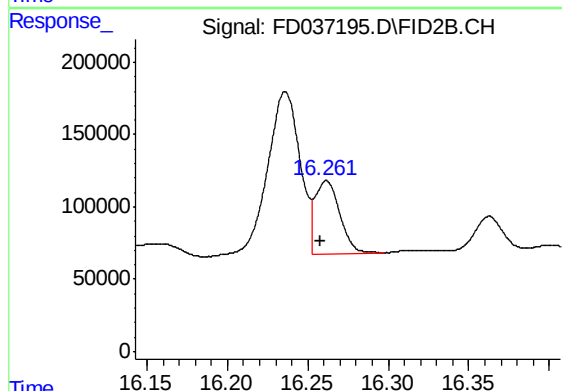
R.T.: 14.724 min
Delta R.T.: 0.003 min
Response: 1171279
Conc: 10.35 ug/ml

Instrument :
FID_D
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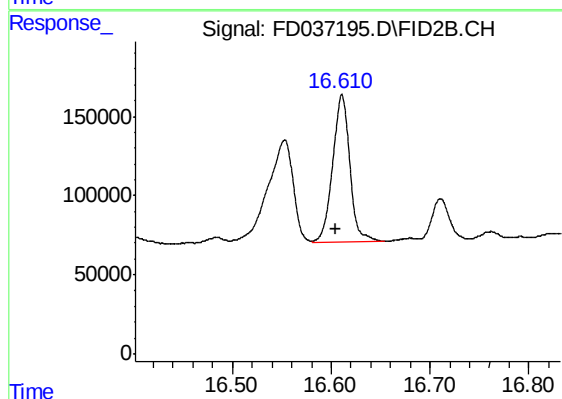
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.236 min
Delta R.T.: 0.009 min
Response: 1590765
Conc: 14.18 ug/ml



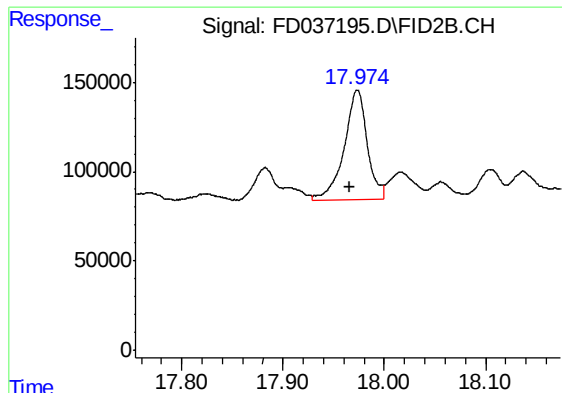
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.262 min
Delta R.T.: 0.004 min
Response: 537861
Conc: 4.99 ug/ml



#18 Benzo[a]pyrene (C31.34)

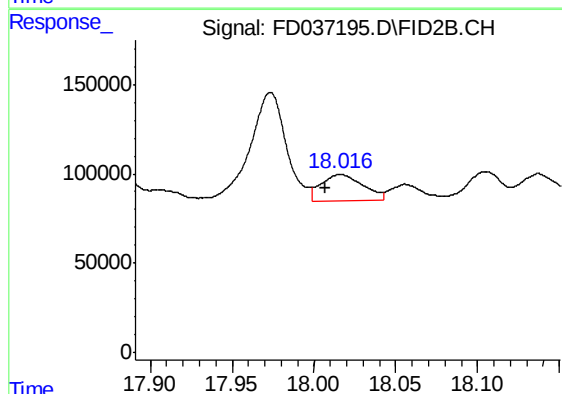
R.T.: 16.611 min
Delta R.T.: 0.006 min
Response: 1121350
Conc: 10.83 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

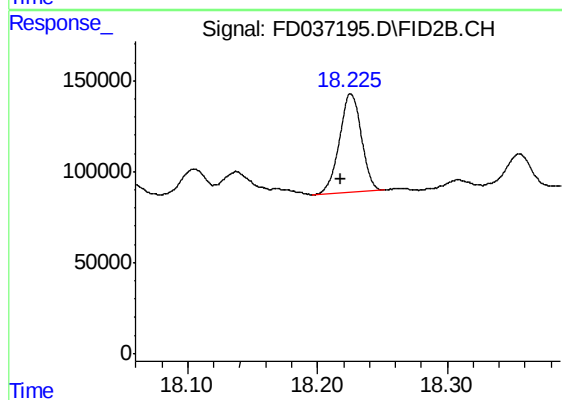
R.T.: 17.973 min
Delta R.T.: 0.008 min
Response: 962874
Conc: 9.05 ug/ml

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#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.016 min
Delta R.T.: 0.009 min
Response: 256626
Conc: 2.46 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.226 min
Delta R.T.: 0.008 min
Response: 636222
Conc: 5.96 ug/ml