

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042721AR\
 Data File : FD037194.D
 Signal(s) : FID2B.CH
 Acq On : 28 Apr 2021 2:23
 Operator : DD\AJ
 Sample : M2176-14
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 STOCKPILE-COMP-3

Integration File: autoint1.e
 Quant Time: Apr 28 07:24:52 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...	7.578	7989128	67.569 ug/ml
Spiked Amount 50.000		Recovery =	135.14%
6) S 2-Fluorobiphenyl (SURR)	8.437	3676863	47.651 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.30%
11) S ortho-Terphenyl (SURR)	11.477	4674049	37.842 ug/ml
Spiked Amount 50.000		Recovery =	75.68%
Target Compounds			
2) T Naphthalene (C11.7)	5.911	60761	0.442 ug/ml
5) T Acenaphthylene (C15.06)	8.190	160947	1.287 ug/ml
7) T Acenaphthene (C15.5)	8.531	71809	0.556 ug/ml
8) T Flouorene (C16.55)	9.311	96118	0.785 ug/ml
9) T Phenanthrene (C19.36)	10.705	805674	6.835 ug/ml
10) T Anthracene (C19.43)	10.779	222553	1.932 ug/ml
12) T Fluoranthene (C21.85)	12.516	1276794	10.948 ug/ml
13) T Pyrene (C20.8)	12.812	1040276	9.036 ug/ml
14) T Benzo[a]anthracene (C...	14.681	636219	5.781 ug/ml
15) T Chrysene (C27.41)	14.722	595172	5.258 ug/ml
16) T benzo[b]fluoranthene ...	16.232	769947	6.864 ug/ml
17) T Bnezo[k]fluoranthene ...	16.260	272340	2.529 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.609	514872	4.975 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.970	489682	4.603 ug/ml
20) T Dibenz[a,h]anthracene...	18.018	143715	1.375 ug/ml
21) T Benzo[g,h,i]perylene ...	18.224	290979	2.724 ug/ml

(f)=RT Delta > 1/2 Window

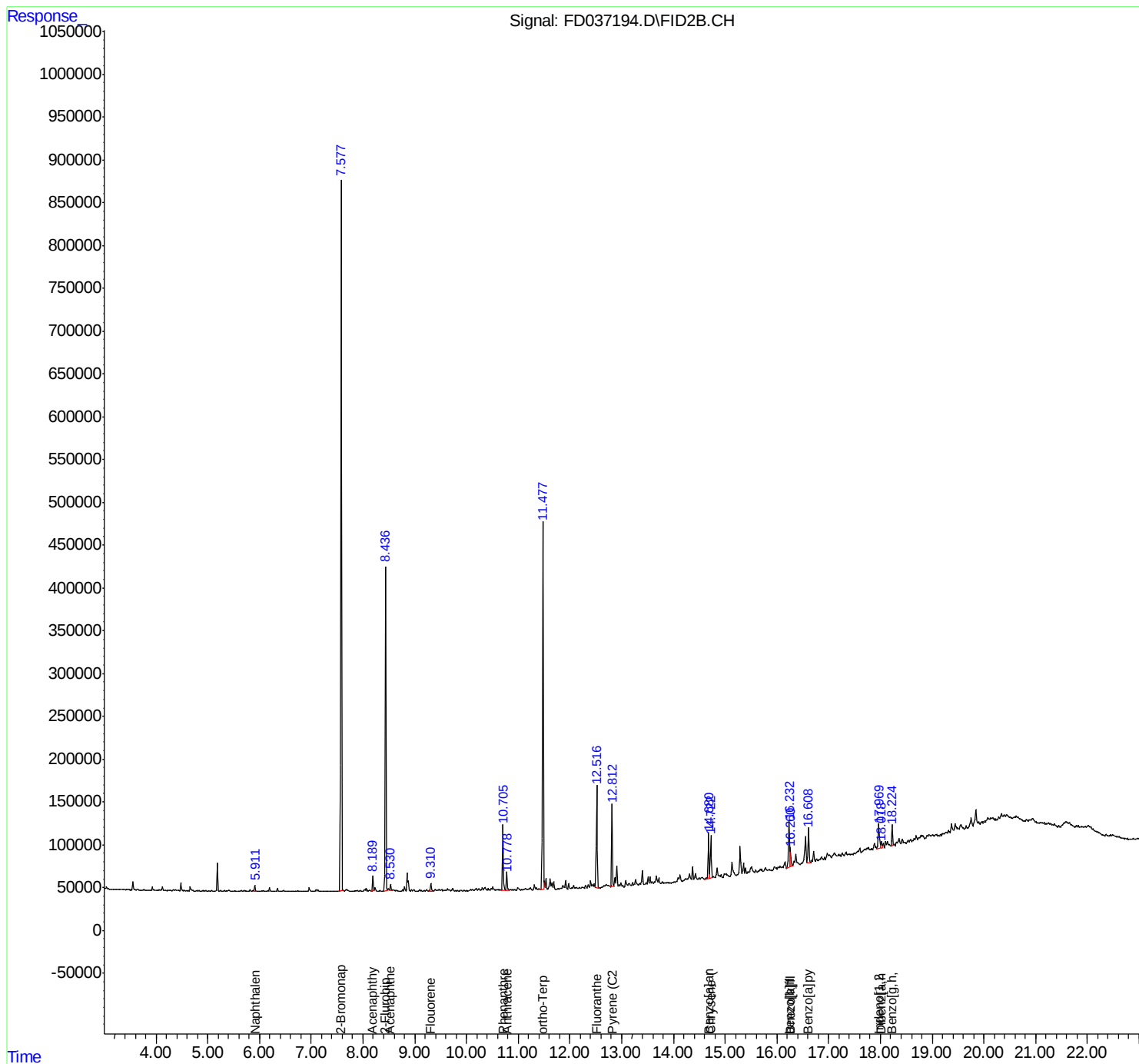
(m)=manual int.

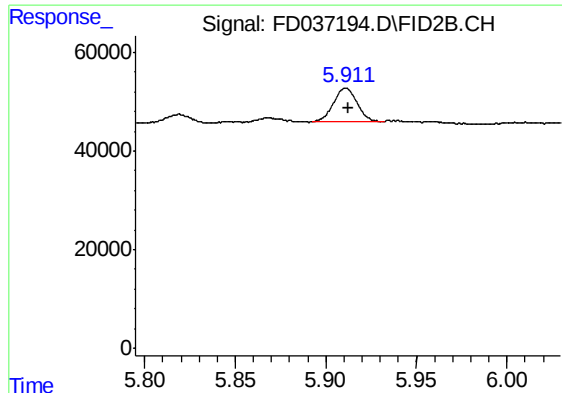
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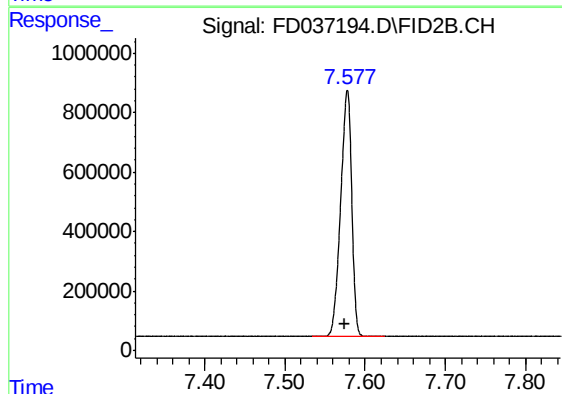




#2 Naphthalene (C11.7)

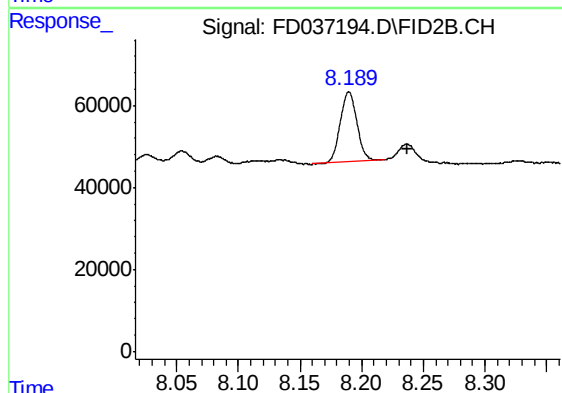
R.T.: 5.911 min
Delta R.T.: -0.001 min
Response: 60761
Conc: 0.44 ug/ml

Instrument :
FID_D
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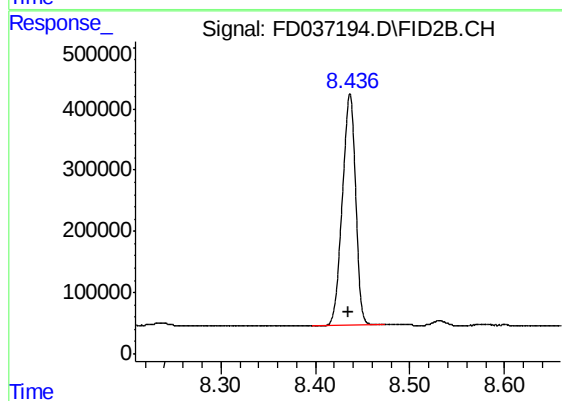
#4 2-Bromonaphthalene (SURR)

R.T.: 7.578 min
Delta R.T.: 0.004 min
Response: 7989128
Conc: 67.57 ug/ml



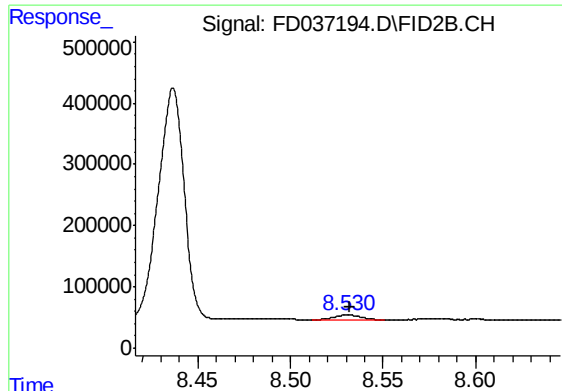
#5 Acenaphthylene (C15.06)

R.T.: 8.190 min
Delta R.T.: -0.047 min
Response: 160947
Conc: 1.29 ug/ml



#6 2-Fluorobiphenyl (SURR)

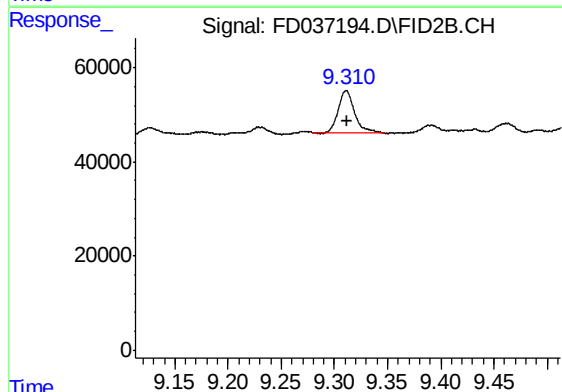
R.T.: 8.437 min
Delta R.T.: 0.002 min
Response: 3676863
Conc: 47.65 ug/ml



#7 Acenaphthene (C15.5)

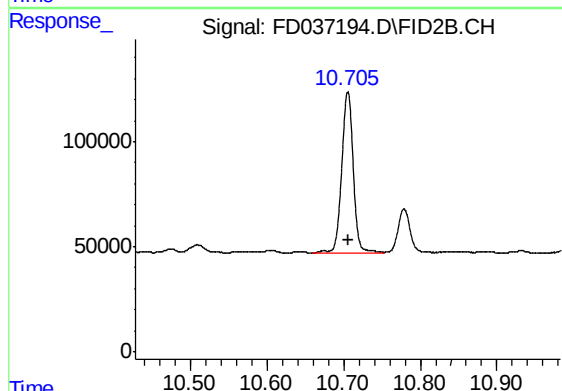
R.T.: 8.531 min
Delta R.T.: -0.001 min
Response: 71809
Conc: 0.56 ug/ml

Instrument :
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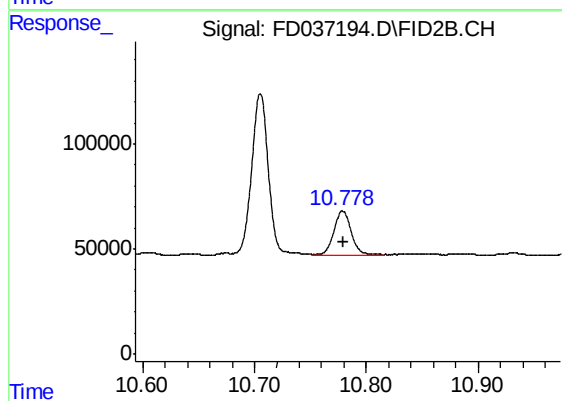
#8 Flouorene (C16.55)

R.T.: 9.311 min
Delta R.T.: -0.001 min
Response: 96118
Conc: 0.78 ug/ml



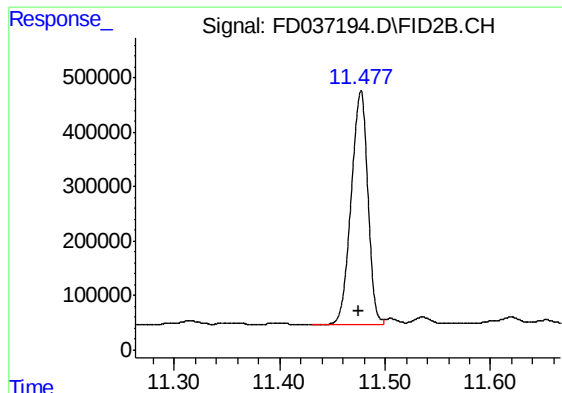
#9 Phenanthrene (C19.36)

R.T.: 10.705 min
Delta R.T.: -0.001 min
Response: 805674
Conc: 6.83 ug/ml



#10 Anthracene (C19.43)

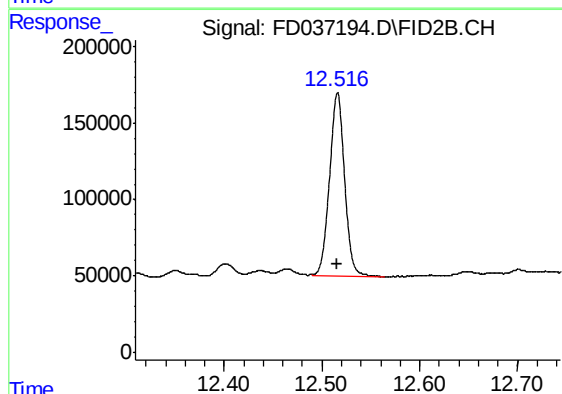
R.T.: 10.779 min
Delta R.T.: -0.001 min
Response: 222553
Conc: 1.93 ug/ml



#11 ortho-Terphenyl (SURR)

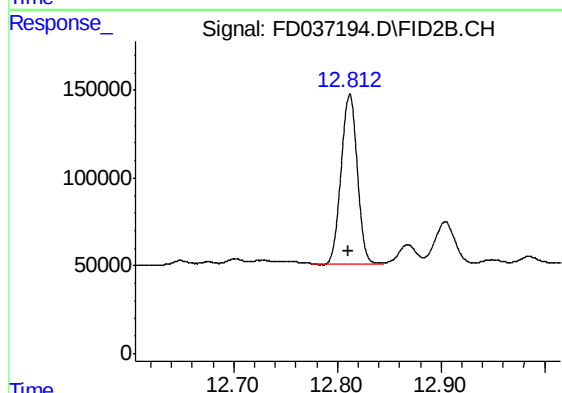
R.T.: 11.477 min
Delta R.T.: 0.003 min
Response: 4674049
Conc: 37.84 ug/ml

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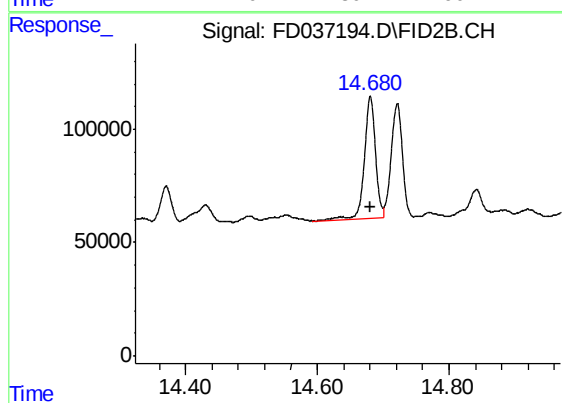
#12 Fluoranthene (C21.85)

R.T.: 12.516 min
Delta R.T.: 0.000 min
Response: 1276794
Conc: 10.95 ug/ml



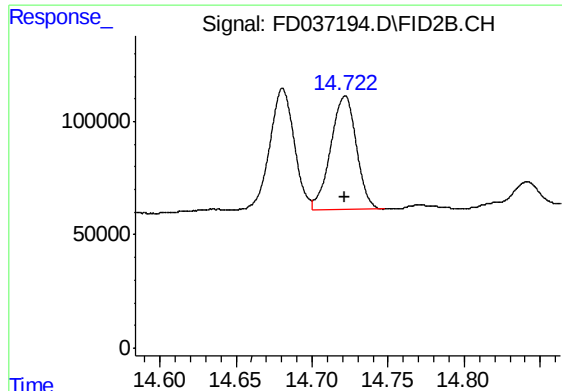
#13 Pyrene (C20.8)

R.T.: 12.812 min
Delta R.T.: 0.001 min
Response: 1040276
Conc: 9.04 ug/ml



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

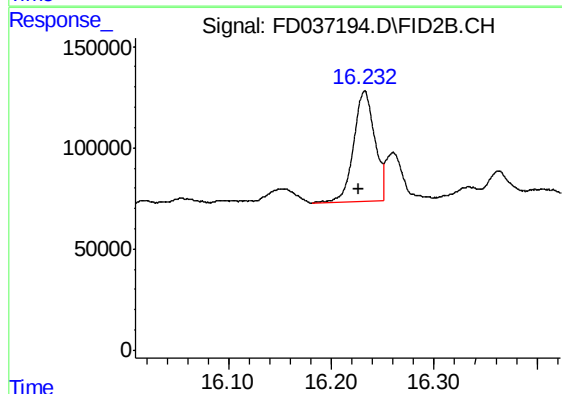
R.T.: 14.681 min
Delta R.T.: 0.000 min
Response: 636219
Conc: 5.78 ug/ml



#15 Chrysene (C27.41)

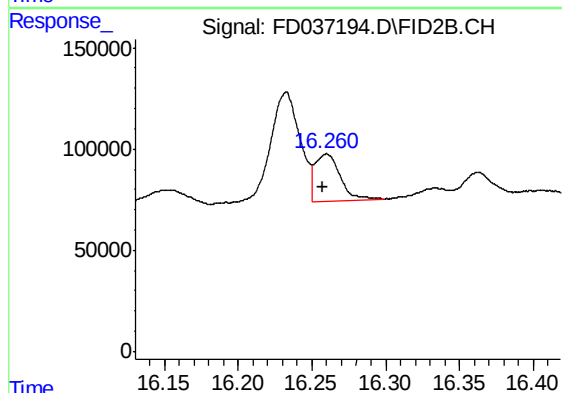
R.T.: 14.722 min
Delta R.T.: 0.000 min
Response: 595172
Conc: 5.26 ug/ml

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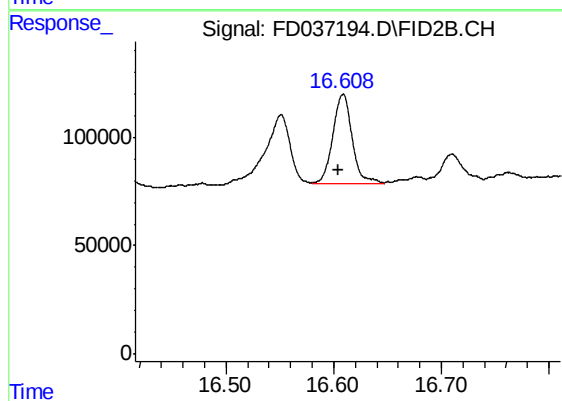
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.232 min
Delta R.T.: 0.006 min
Response: 769947
Conc: 6.86 ug/ml



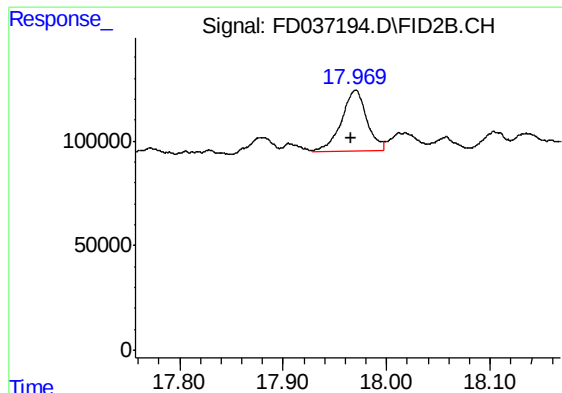
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.260 min
Delta R.T.: 0.002 min
Response: 272340
Conc: 2.53 ug/ml



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

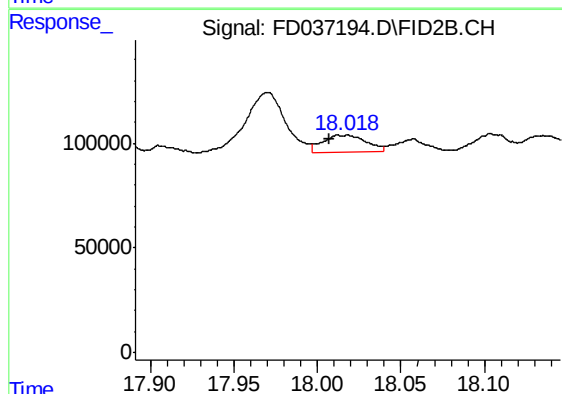
R.T.: 16.609 min
Delta R.T.: 0.004 min
Response: 514872
Conc: 4.97 ug/ml



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

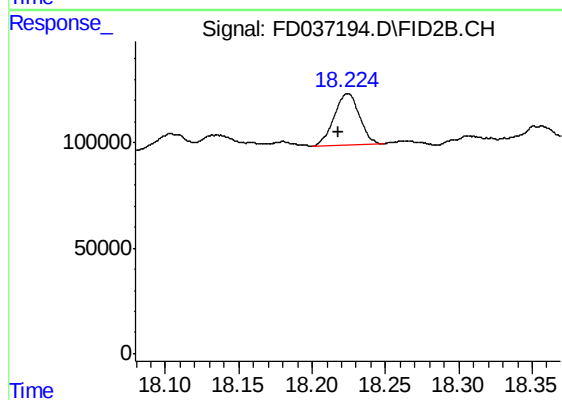
R.T.: 17.970 min
Delta R.T.: 0.004 min
Response: 489682
Conc: 4.60 ug/ml

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

R.T.: 18.018 min
Delta R.T.: 0.011 min
Response: 143715
Conc: 1.38 ug/ml



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

R.T.: 18.224 min
Delta R.T.: 0.006 min
Response: 290979
Conc: 2.72 ug/ml