

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101218AR\
 Data File : FD025977.D
 Signal(s) : FID2B.CH
 Acq On : 12 Oct 2018 12:22
 Operator : AJ\SJ
 Sample : AR SOIL IDOC 03
 Misc : FOR EGHOSA
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 02:03:19 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 2018
 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...	7.424	3577828	45.831 ug/ml
Spiked Amount 50.000		Recovery =	91.66%
6) S 2-Fluorobiphenyl (SURR)	8.276	2611474	47.394 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.79%
11) S ortho-Terphenyl (SURR)	11.322	4160318	48.369 ug/ml
Spiked Amount 50.000		Recovery =	96.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	3808985	44.969 ug/ml
2) T Naphthalene (C11.7)	5.758	4124962	45.037 ug/ml
3) T 2-Methylnaphthalene (...)	6.810	4072357	45.612 ug/ml
5) T Acenaphthylene (C15.06)	8.081	4052187	46.563 ug/ml
7) T Acenaphthene (C15.5)	8.377	4242228	46.685 ug/ml
8) T Flouorene (C16.55)	9.155	4298974	47.844 ug/ml
9) T Phenanthrene (C19.36)	10.547	4561689	48.986 ug/ml
10) T Anthracene (C19.43)	10.622	4353504	47.544 ug/ml
12) T Fluoranthene (C21.85)	12.355	4760012	48.566 ug/ml
13) T Pyrene (C20.8)	12.650	4811792	48.320 ug/ml
14) T Benzo[a]anthracene (C...	14.520	4692932	48.554 ug/ml
15) T Chrysene (C27.41)	14.564	4759648	48.942 ug/ml
16) T benzo[b]fluoranthene ...	16.069	4863110	49.498 ug/ml
17) T Bnezo[k]fluoranthene ...	16.104	4854778	49.795 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.447	4812051	49.261 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.809	4448910	46.929 ug/ml
20) T Dibenz[a,h]anthracene...	17.850	4414507	47.676 ug/ml
21) T Benzo[g,h,i]perylene ...	18.064	4597407	47.787 ug/ml

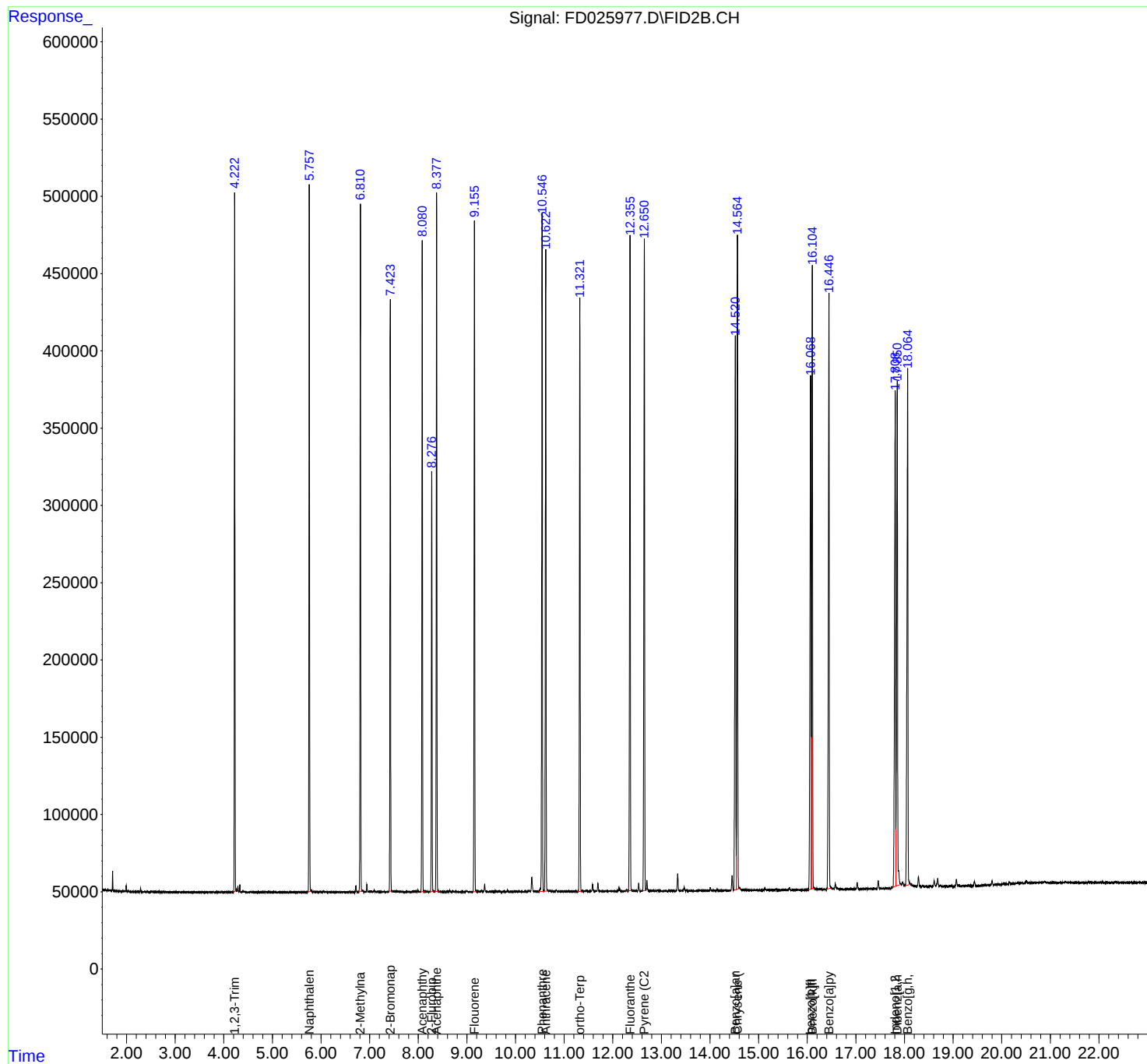
(f)=RT Delta > 1/2 Window

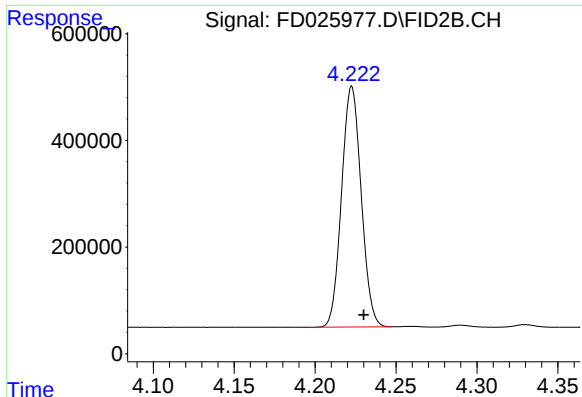
(m)=manual int.

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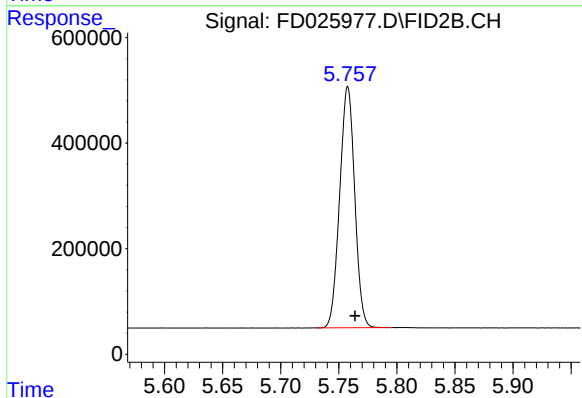
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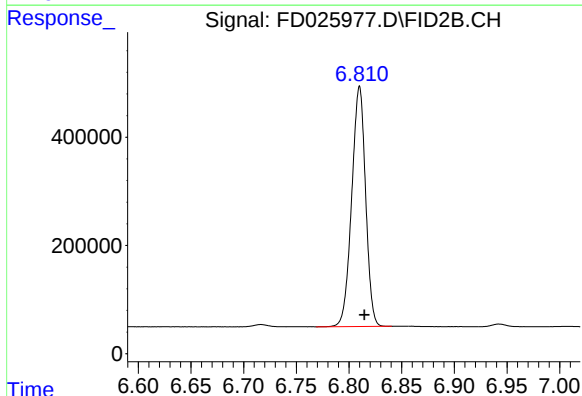
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.223 min
Delta R.T.: -0.007 min
Response: 3808985
Conc: 44.97 ug/ml



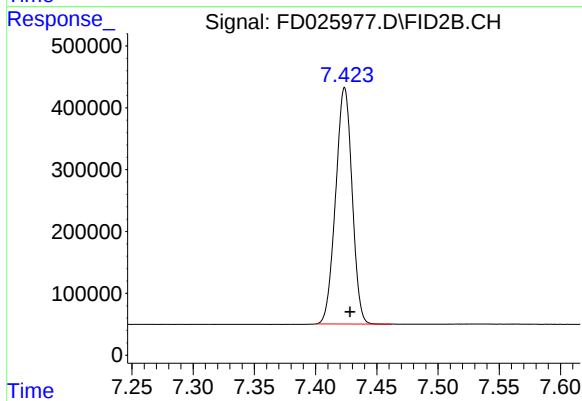
#2 Naphthalene (C11.7)

R.T.: 5.758 min
Delta R.T.: -0.006 min
Response: 4124962
Conc: 45.04 ug/ml



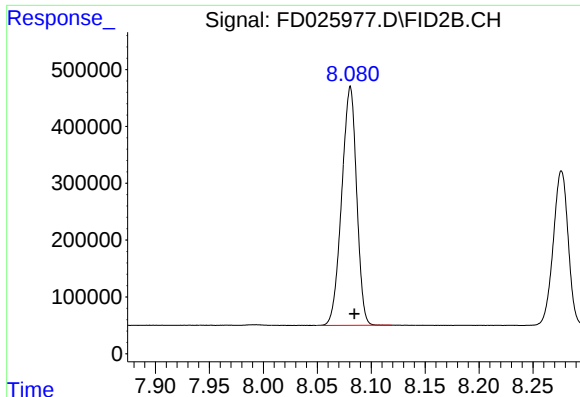
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.810 min
Delta R.T.: -0.004 min
Response: 4072357
Conc: 45.61 ug/ml



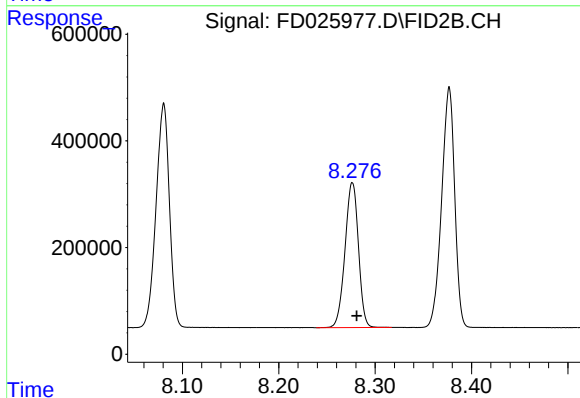
#4 2-Bromonaphthalene (SURR)

R.T.: 7.424 min
Delta R.T.: -0.004 min
Response: 3577828
Conc: 45.83 ug/ml



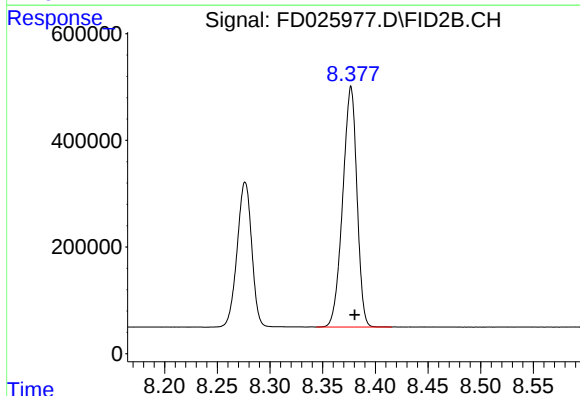
#5 Acenaphthylene (C15.06)

R.T.: 8.081 min
Delta R.T.: -0.004 min
Response: 4052187
Conc: 46.56 ug/ml



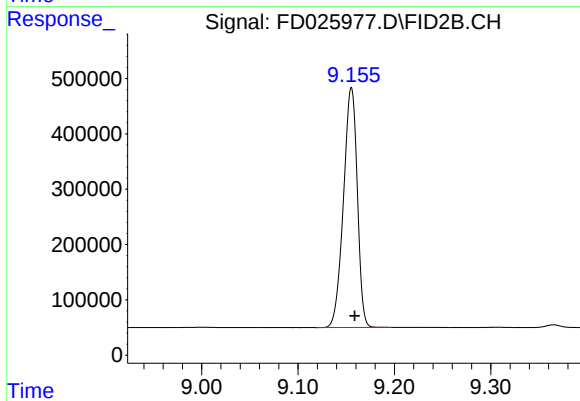
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.276 min
Delta R.T.: -0.004 min
Response: 2611474
Conc: 47.39 ug/ml



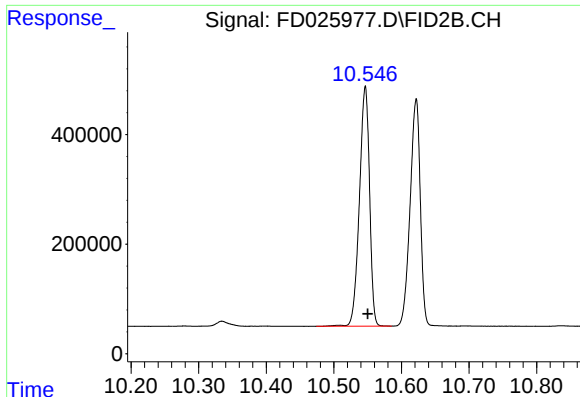
#7 Acenaphthene (C15.5)

R.T.: 8.377 min
Delta R.T.: -0.004 min
Response: 4242228
Conc: 46.68 ug/ml



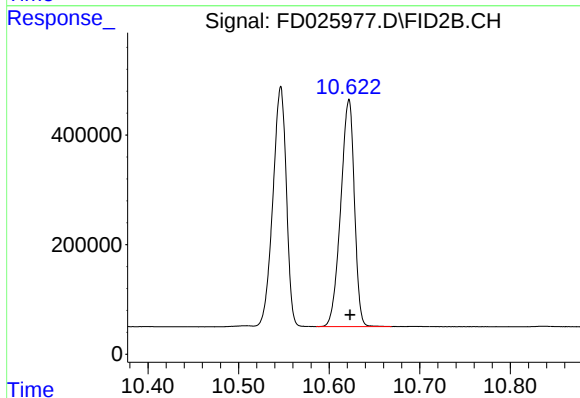
#8 Fluorene (C16.55)

R.T.: 9.155 min
Delta R.T.: -0.003 min
Response: 4298974
Conc: 47.84 ug/ml



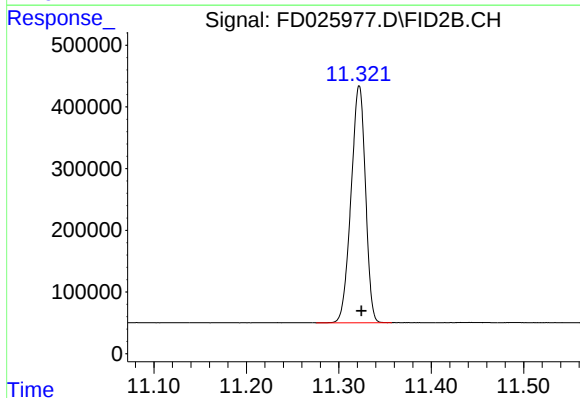
#9 Phenanthrene (C19.36)

R.T.: 10.547 min
Delta R.T.: -0.004 min
Response: 4561689
Conc: 48.99 ug/ml



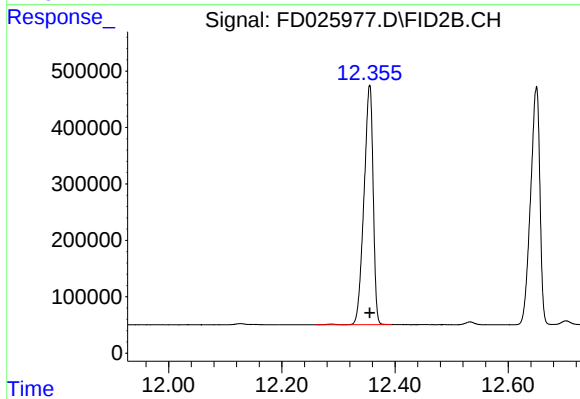
#10 Anthracene (C19.43)

R.T.: 10.622 min
Delta R.T.: -0.001 min
Response: 4353504
Conc: 47.54 ug/ml



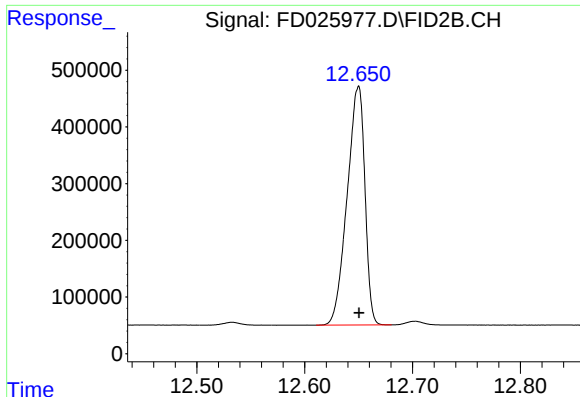
#11 ortho-Terphenyl (SURR)

R.T.: 11.322 min
Delta R.T.: -0.003 min
Response: 4160318
Conc: 48.37 ug/ml



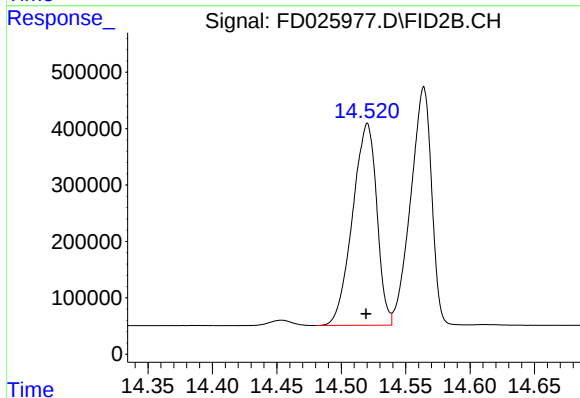
#12 Fluoranthene (C21.85)

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 4760012
Conc: 48.57 ug/ml



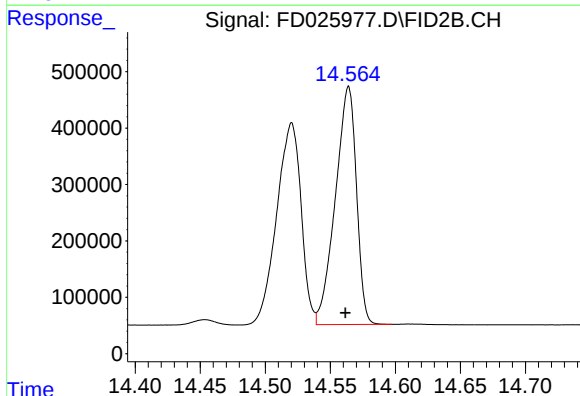
#13 Pyrene (C20.8)

R.T.: 12.650 min
Delta R.T.: 0.000 min
Response: 4811792
Conc: 48.32 ug/ml



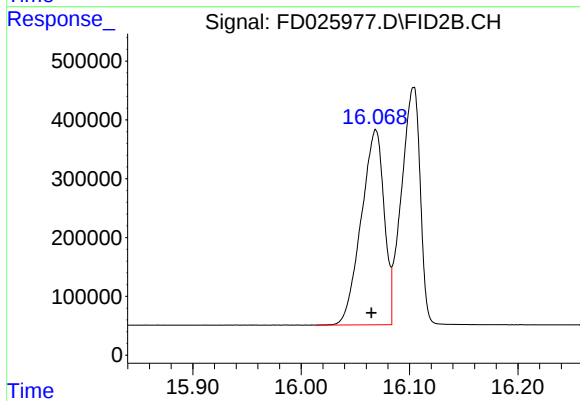
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.520 min
Delta R.T.: 0.000 min
Response: 4692932
Conc: 48.55 ug/ml



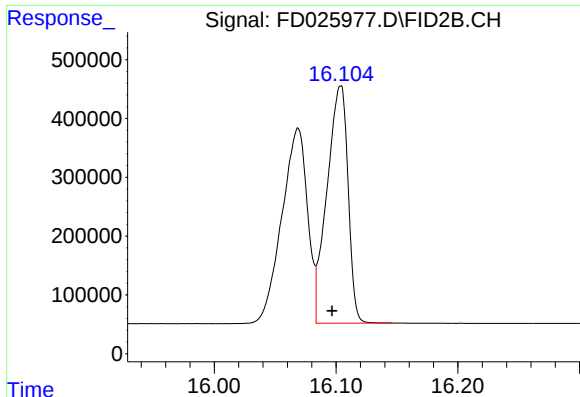
#15 Chrysene (C27.41)

R.T.: 14.564 min
Delta R.T.: 0.003 min
Response: 4759648
Conc: 48.94 ug/ml



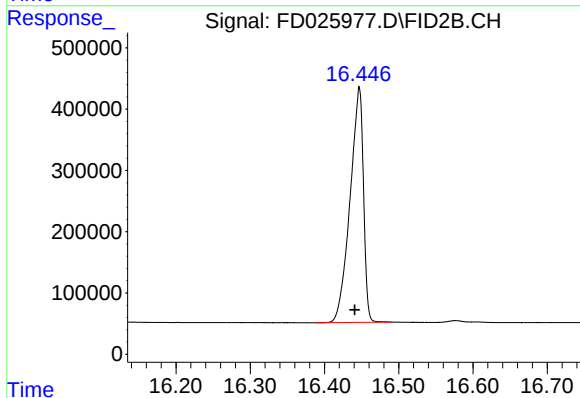
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.069 min
Delta R.T.: 0.004 min
Response: 4863110
Conc: 49.50 ug/ml



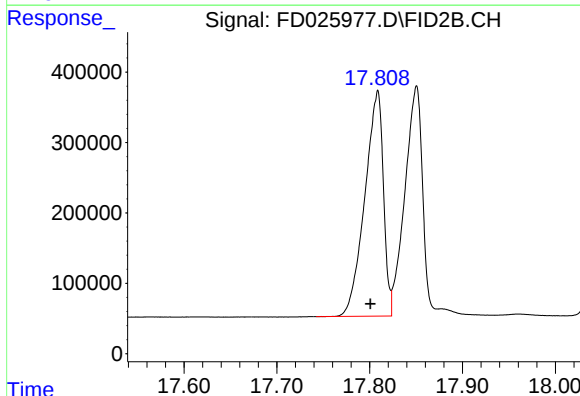
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.104 min
Delta R.T.: 0.007 min
Response: 4854778
Conc: 49.79 ug/ml



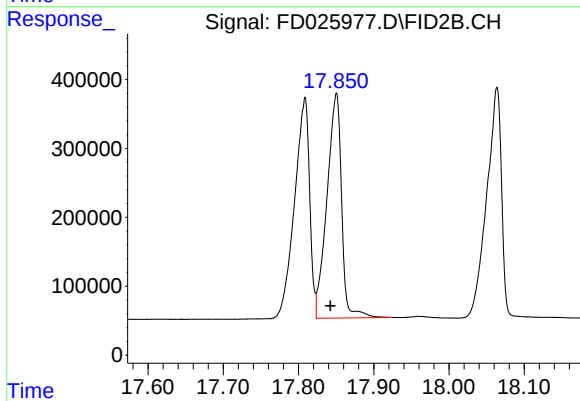
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.447 min
Delta R.T.: 0.006 min
Response: 4812051
Conc: 49.26 ug/ml



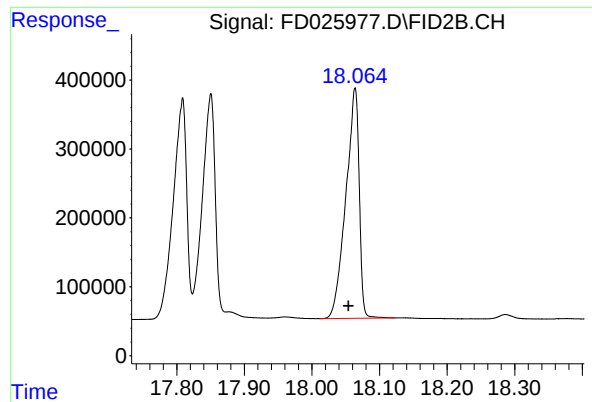
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.809 min
Delta R.T.: 0.008 min
Response: 4448910
Conc: 46.93 ug/ml



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

R.T.: 17.850 min
Delta R.T.: 0.008 min
Response: 4414507
Conc: 47.68 ug/ml



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

R.T.: 18.064 min
Delta R.T.: 0.010 min
Response: 4597407
Conc: 47.79 ug/ml