

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101218AR\
 Data File : FD025978.D
 Signal(s) : FID2B.CH
 Acq On : 12 Oct 2018 12:59
 Operator : AJ\SJ
 Sample : AR SOIL IDOC 04
 Misc : FOR EGHOSA
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 02:03:34 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...	7.422	3573613	45.777 ug/ml
Spiked Amount 50.000		Recovery =	91.55%
6) S 2-Fluorobiphenyl (SURR)	8.275	2617499	47.504 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.01%
11) S ortho-Terphenyl (SURR)	11.320	4155418	48.312 ug/ml
Spiked Amount 50.000		Recovery =	96.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	3805437	44.927 ug/ml
2) T Naphthalene (C11.7)	5.758	4135815	45.156 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	4087927	45.786 ug/ml
5) T Acenaphthylene (C15.06)	8.079	4069540	46.763 ug/ml
7) T Acenaphthene (C15.5)	8.375	4262248	46.905 ug/ml
8) T Flouorene (C16.55)	9.154	4313157	48.002 ug/ml
9) T Phenanthrene (C19.36)	10.545	4559696	48.964 ug/ml
10) T Anthracene (C19.43)	10.620	4348727	47.492 ug/ml
12) T Fluoranthene (C21.85)	12.353	4753648	48.501 ug/ml
13) T Pyrene (C20.8)	12.649	4810373	48.306 ug/ml
14) T Benzo[a]anthracene (C...	14.518	4678567	48.405 ug/ml
15) T Chrysene (C27.41)	14.562	4746457	48.806 ug/ml
16) T benzo[b]fluoranthene ...	16.066	4856069	49.427 ug/ml
17) T Bnezo[k]fluoranthene ...	16.102	4833448	49.576 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	4798832	49.126 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807	4405129	46.467 ug/ml
20) T Dibenz[a,h]anthracene...	17.847	4389235	47.403 ug/ml
21) T Benzo[g,h,i]perylene ...	18.063	4555635	47.352 ug/ml

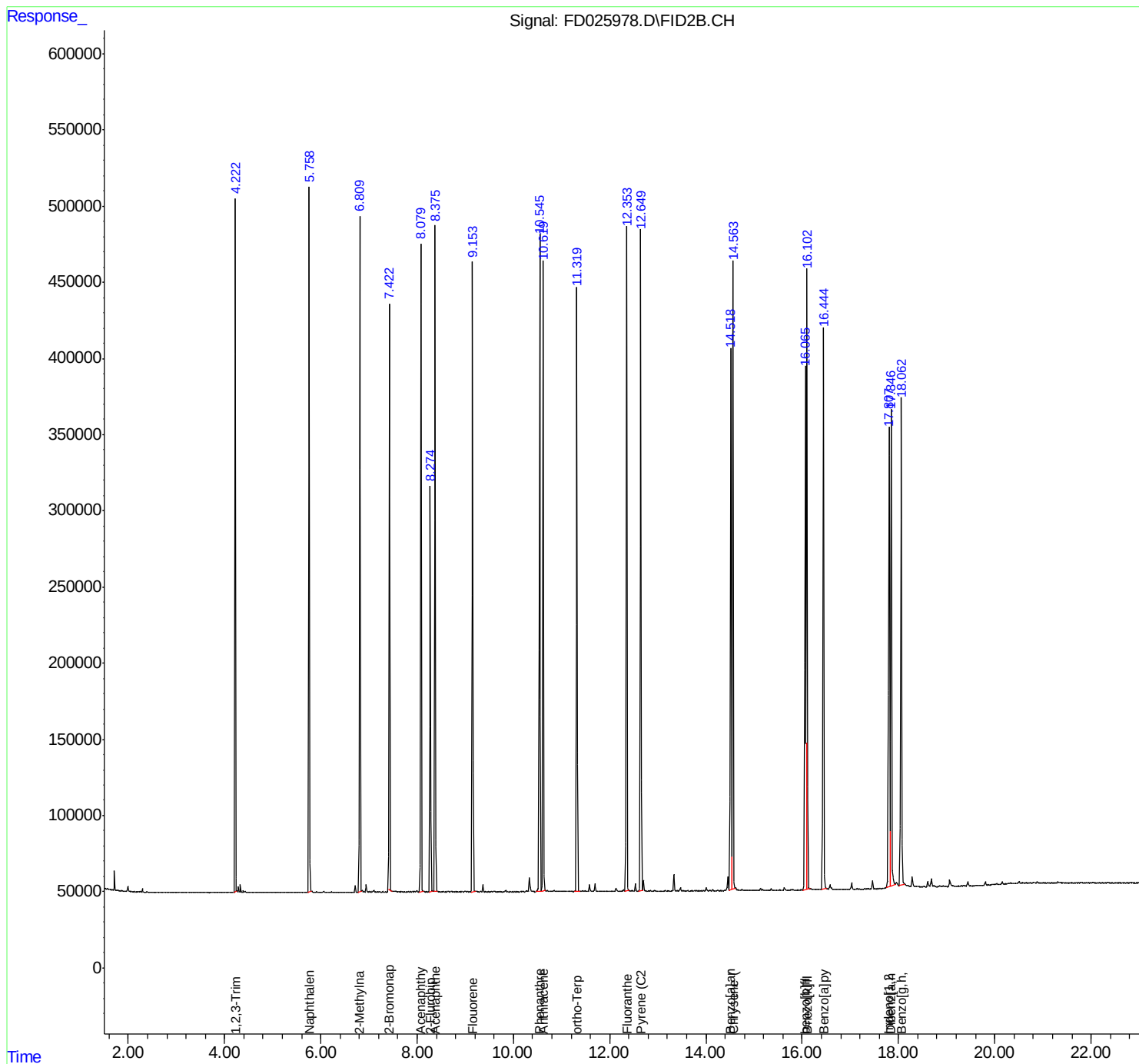
(f)=RT Delta > 1/2 Window

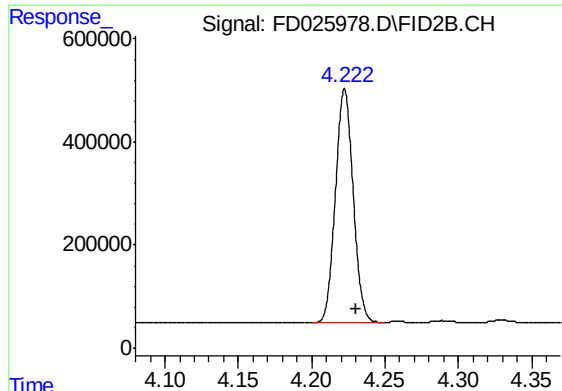
(m)=manual int.

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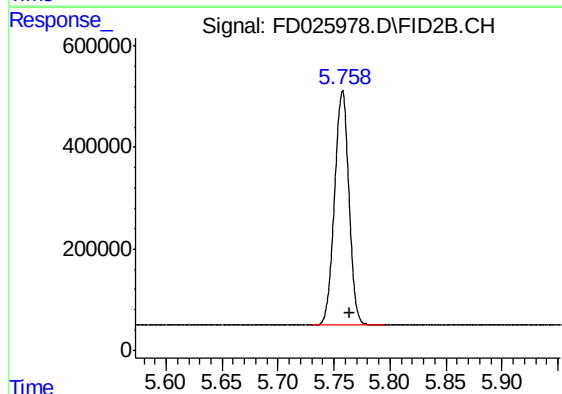
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Signal Info : 20M x 0.18mm x 0.18µm





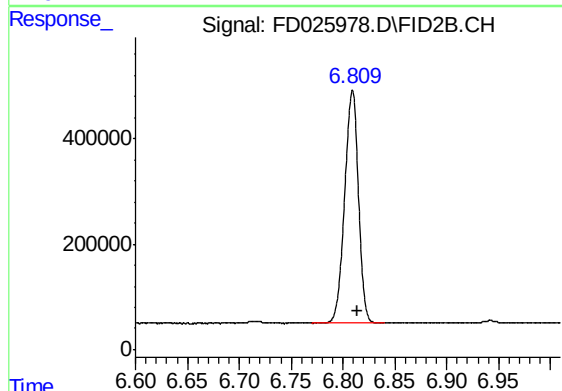
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.223 min
Delta R.T.: -0.007 min
Response: 3805437
Conc: 44.93 ug/ml



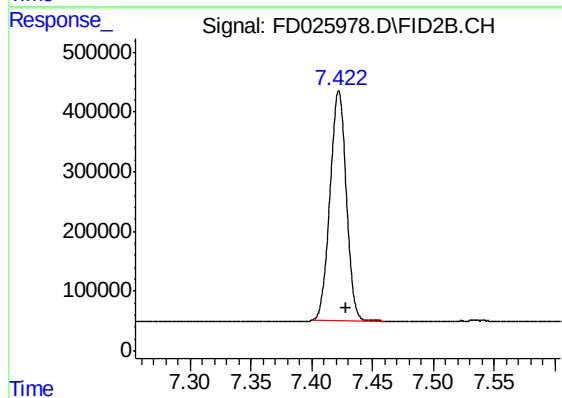
#2 Naphthalene (C11.7)

R.T.: 5.758 min
Delta R.T.: -0.006 min
Response: 4135815
Conc: 45.16 ug/ml



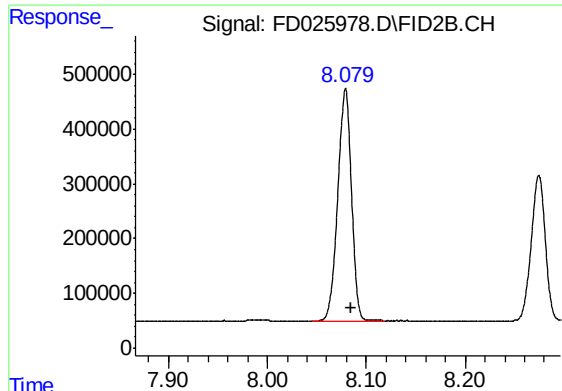
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: -0.005 min
Response: 4087927
Conc: 45.79 ug/ml



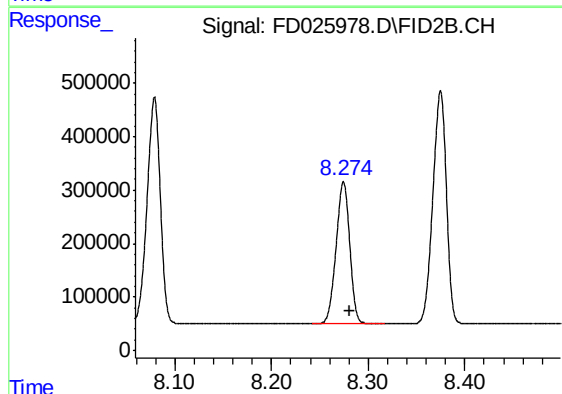
#4 2-Bromonaphthalene (SURR)

R.T.: 7.422 min
Delta R.T.: -0.006 min
Response: 3573613
Conc: 45.78 ug/ml



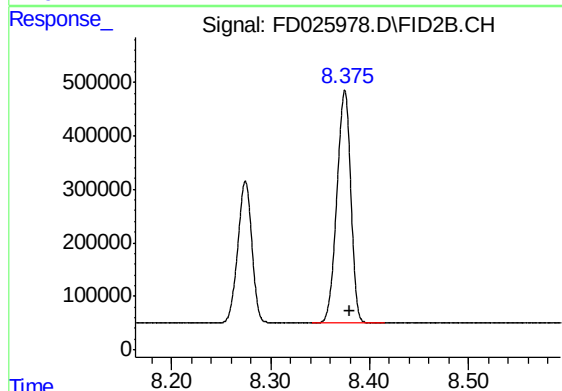
#5 Acenaphthylene (C15.06)

R.T.: 8.079 min
Delta R.T.: -0.006 min
Response: 4069540
Conc: 46.76 ug/ml



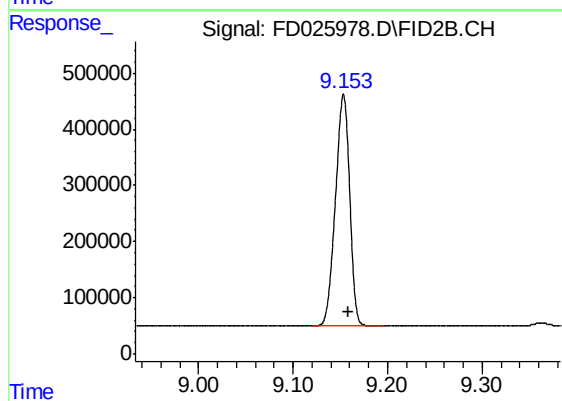
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.275 min
Delta R.T.: -0.006 min
Response: 2617499
Conc: 47.50 ug/ml



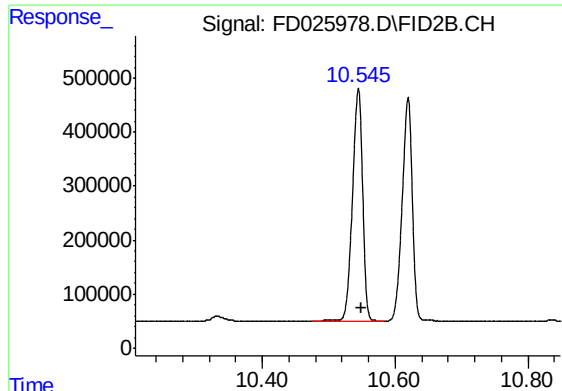
#7 Acenaphthene (C15.5)

R.T.: 8.375 min
Delta R.T.: -0.005 min
Response: 4262248
Conc: 46.91 ug/ml



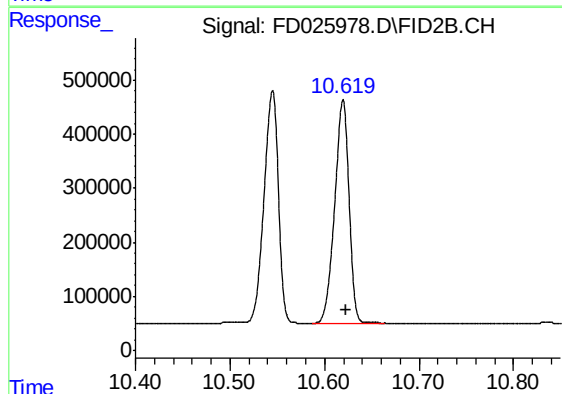
#8 Flouorene (C16.55)

R.T.: 9.154 min
Delta R.T.: -0.005 min
Response: 4313157
Conc: 48.00 ug/ml



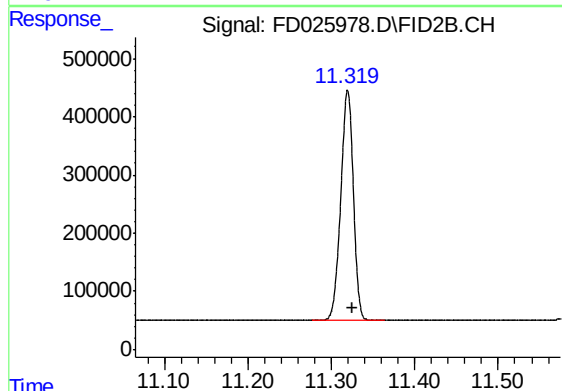
#9 Phenanthrene (C19.36)

R.T.: 10.545 min
Delta R.T.: -0.005 min
Response: 4559696
Conc: 48.96 ug/ml



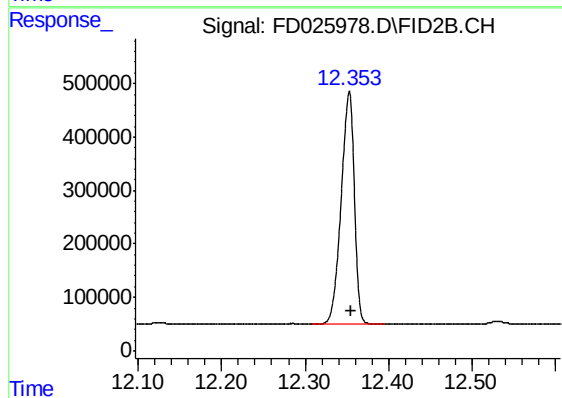
#10 Anthracene (C19.43)

R.T.: 10.620 min
Delta R.T.: -0.003 min
Response: 4348727
Conc: 47.49 ug/ml



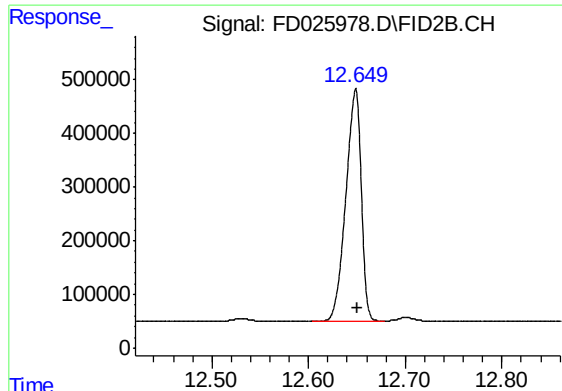
#11 ortho-Terphenyl (SURR)

R.T.: 11.320 min
Delta R.T.: -0.005 min
Response: 4155418
Conc: 48.31 ug/ml



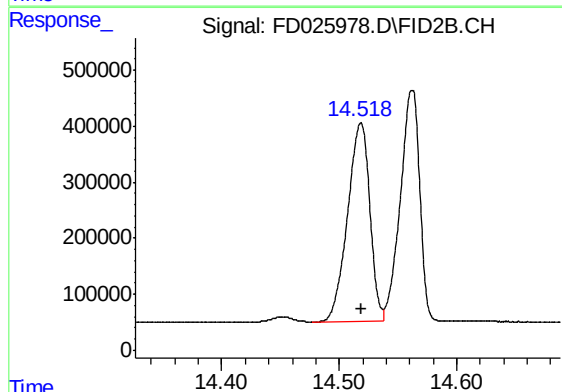
#12 Fluoranthene (C21.85)

R.T.: 12.353 min
Delta R.T.: -0.002 min
Response: 4753648
Conc: 48.50 ug/ml



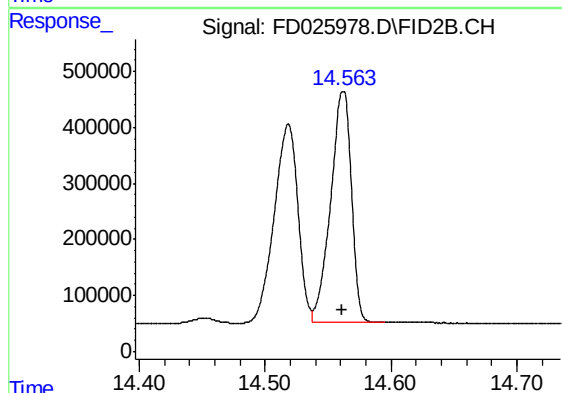
#13 Pyrene (C20.8)

R.T.: 12.649 min
Delta R.T.: -0.002 min
Response: 4810373
Conc: 48.31 ug/ml



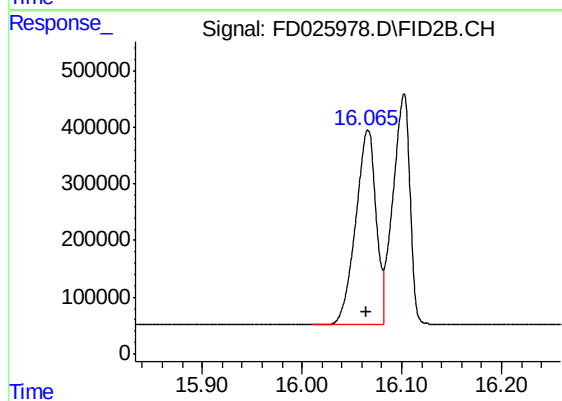
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.518 min
Delta R.T.: 0.000 min
Response: 4678567
Conc: 48.41 ug/ml



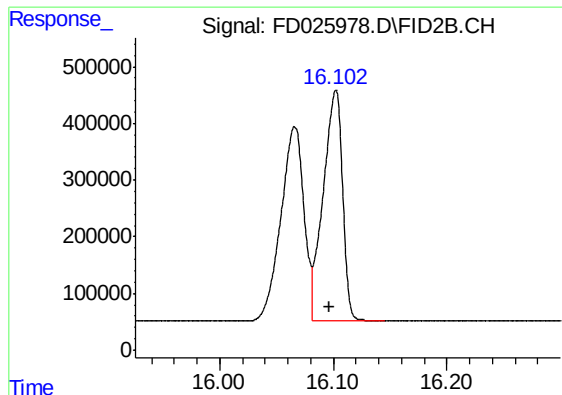
#15 Chrysene (C27.41)

R.T.: 14.562 min
Delta R.T.: 0.000 min
Response: 4746457
Conc: 48.81 ug/ml



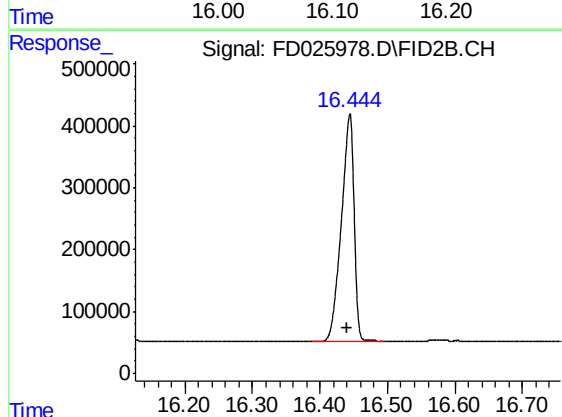
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.066 min
Delta R.T.: 0.001 min
Response: 4856069
Conc: 49.43 ug/ml



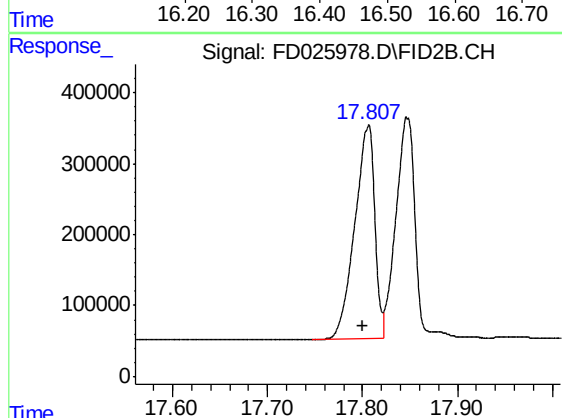
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.102 min
Delta R.T.: 0.005 min
Response: 4833448
Conc: 49.58 ug/ml



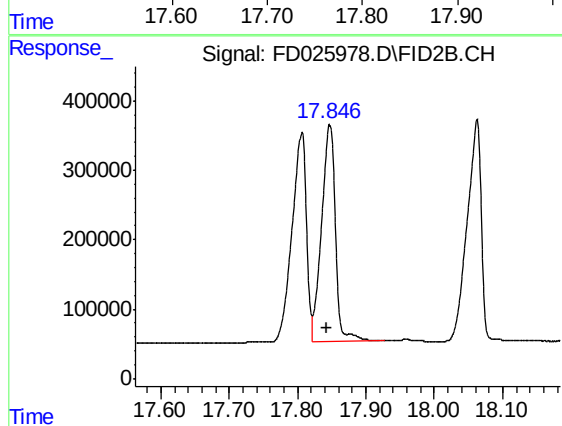
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.444 min
Delta R.T.: 0.004 min
Response: 4798832
Conc: 49.13 ug/ml



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

R.T.: 17.807 min
Delta R.T.: 0.006 min
Response: 4405129
Conc: 46.47 ug/ml



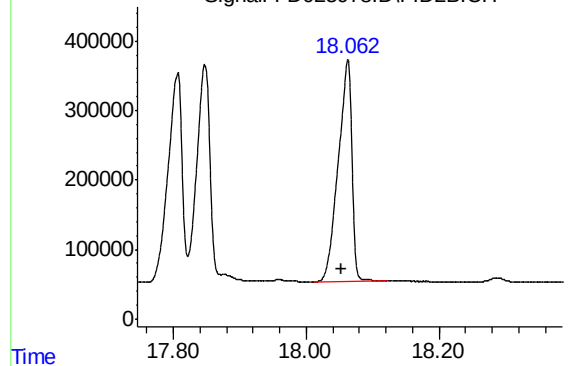
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.847 min
Delta R.T.: 0.005 min
Response: 4389235
Conc: 47.40 ug/ml

Response_

Signal: FD025978.D\FID2B.CH

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



R.T.: 18.063 min
Delta R.T.: 0.009 min
Response: 4555635
Conc: 47.35 ug/ml