

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101218AR\
 Data File : FD025984.D
 Signal(s) : FID2B.CH
 Acq On : 12 Oct 2018 16:53
 Operator : AJ\SJ
 Sample : 20PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 02:05:00 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	1391966	17.831 ug/ml
Spiked Amount 50.000		Recovery =	35.66%
6) S 2-Fluorobiphenyl (SURR)	8.274	1027305	18.644 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.29%
11) S ortho-Terphenyl (SURR)	11.318	1662865	19.333 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	1481838	17.495 ug/ml
2) T Naphthalene (C11.7)	5.756	1610187	17.580 ug/ml
3) T 2-Methylnaphthalene (...)	6.808	1590423	17.813 ug/ml
5) T Acenaphthylene (C15.06)	8.078	1606668	18.462 ug/ml
7) T Acenaphthene (C15.5)	8.373	1683311	18.524 ug/ml
8) T Fluorene (C16.55)	9.152	1709782	19.029 ug/ml
9) T Phenanthrene (C19.36)	10.542	1833209	19.686 ug/ml
10) T Anthracene (C19.43)	10.616	1779436	19.433 ug/ml
12) T Fluoranthene (C21.85)	12.349	1931736	19.709 ug/ml
13) T Pyrene (C20.8)	12.643	1952843	19.611 ug/ml
14) T Benzo[a]anthracene (C...	14.512	1870655	19.354 ug/ml
15) T Chrysene (C27.41)	14.554	1911810	19.659 ug/ml
16) T benzo[b]fluoranthene ...	16.058	1905115	19.391 ug/ml
17) T Bnezo[k]fluoranthene ...	16.091	1929924	19.795 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.433	1858454	19.025 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795	1575051	16.614 ug/ml
20) T Dibenz[a,h]anthracene...	17.838	1465128	15.823 ug/ml
21) T Benzo[g,h,i]perylene ...	18.048	1733288	18.016 ug/ml

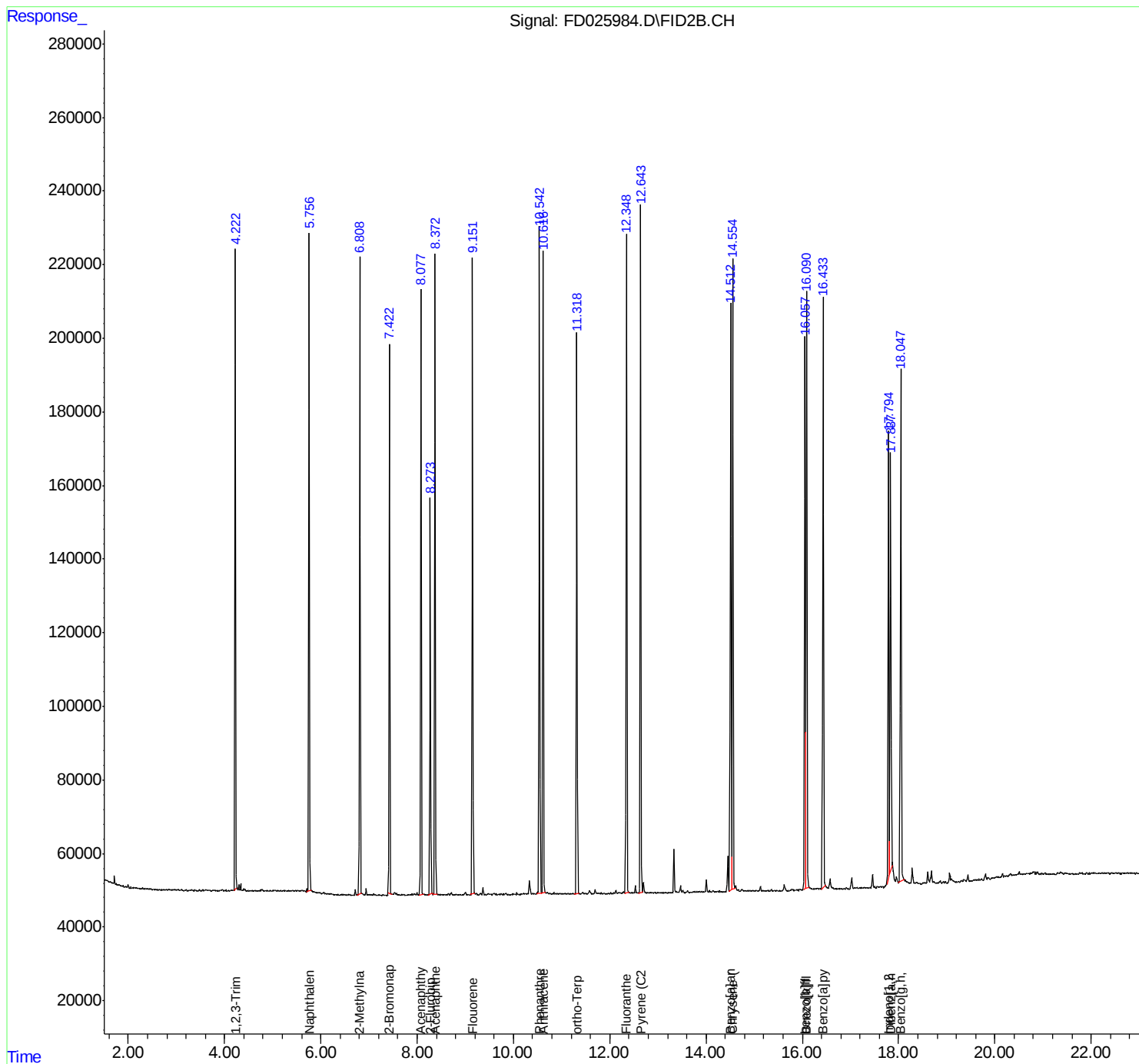
(f)=RT Delta > 1/2 Window

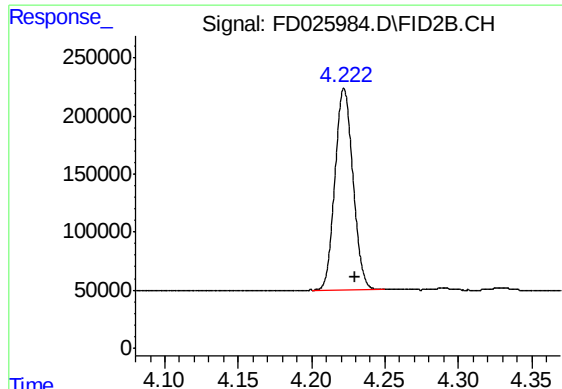
(m)=manual int.

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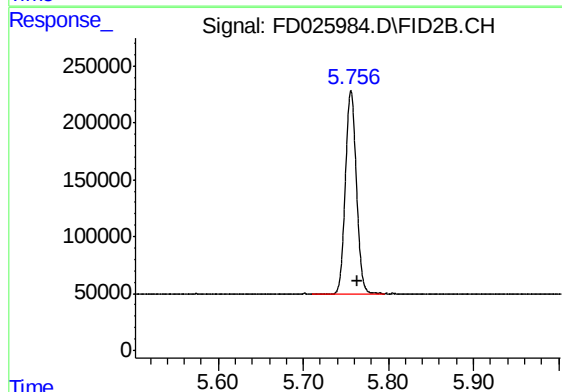
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





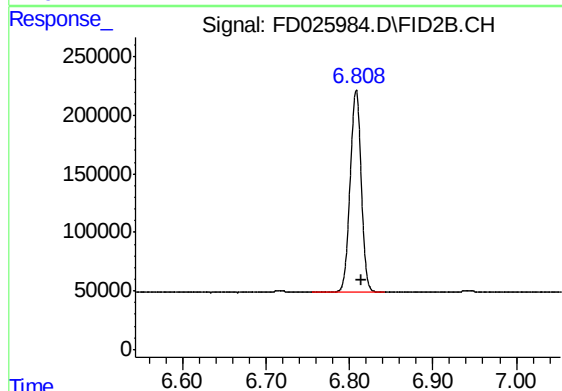
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.222 min
Delta R.T.: -0.008 min
Response: 1481838
Conc: 17.49 ug/ml



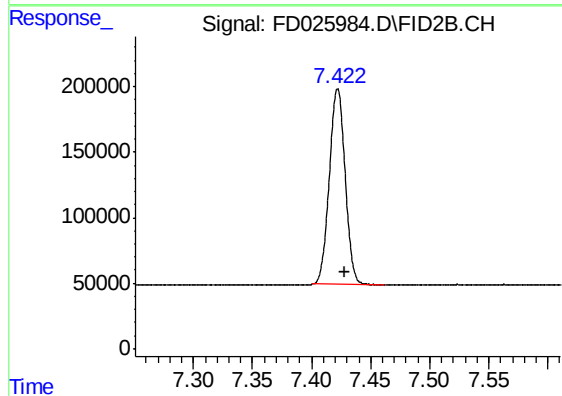
#2 Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.008 min
Response: 1610187
Conc: 17.58 ug/ml



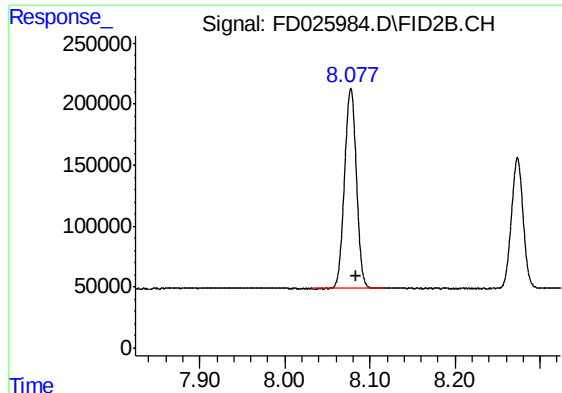
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: -0.006 min
Response: 1590423
Conc: 17.81 ug/ml



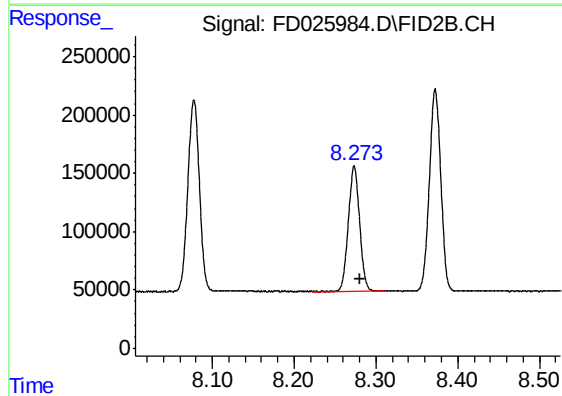
#4 2-Bromonaphthalene (SURR)

R.T.: 7.422 min
Delta R.T.: -0.006 min
Response: 1391966
Conc: 17.83 ug/ml



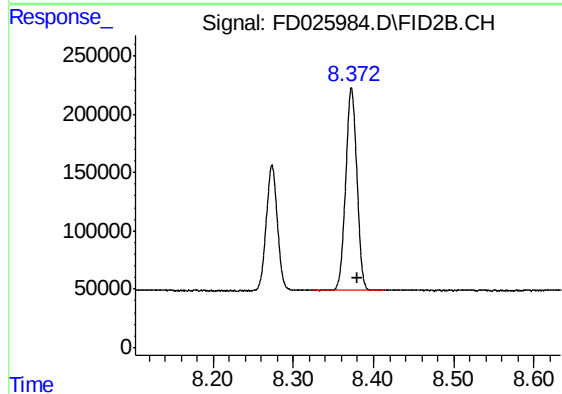
#5 Acenaphthylene (C15.06)

R.T.: 8.078 min
Delta R.T.: -0.007 min
Response: 1606668
Conc: 18.46 ug/ml



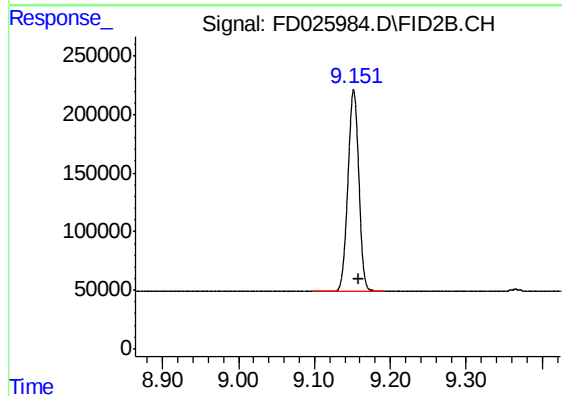
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.274 min
Delta R.T.: -0.007 min
Response: 1027305
Conc: 18.64 ug/ml



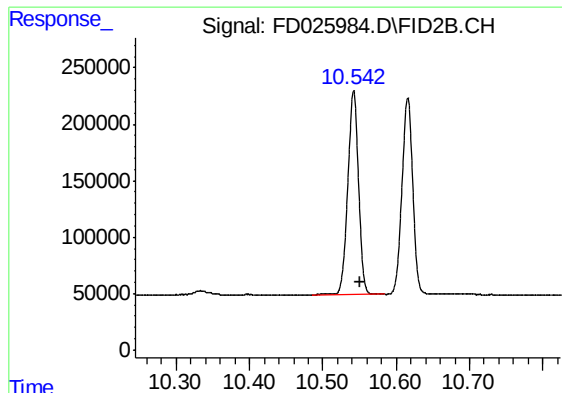
#7 Acenaphthene (C15.5)

R.T.: 8.373 min
Delta R.T.: -0.008 min
Response: 1683311
Conc: 18.52 ug/ml



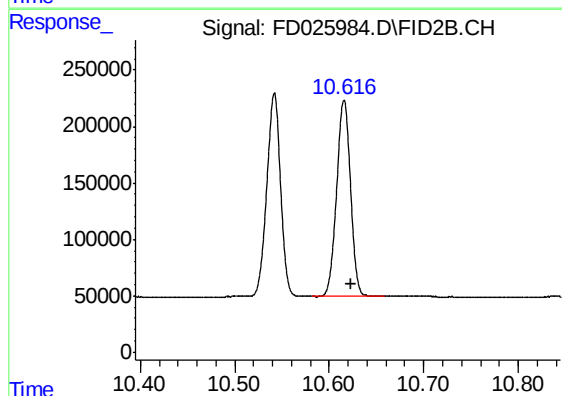
#8 Fluorene (C16.55)

R.T.: 9.152 min
Delta R.T.: -0.007 min
Response: 1709782
Conc: 19.03 ug/ml



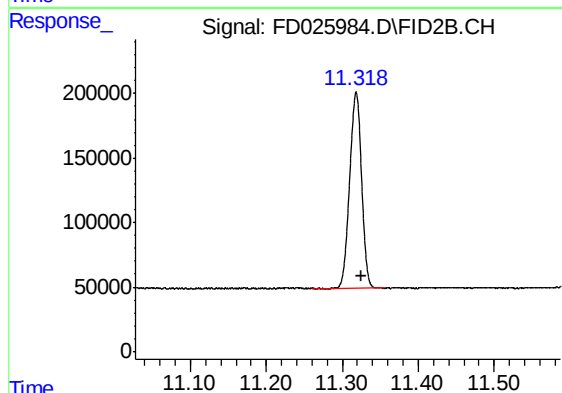
#9 Phenanthrene (C19.36)

R.T.: 10.542 min
Delta R.T.: -0.008 min
Response: 1833209
Conc: 19.69 ug/ml



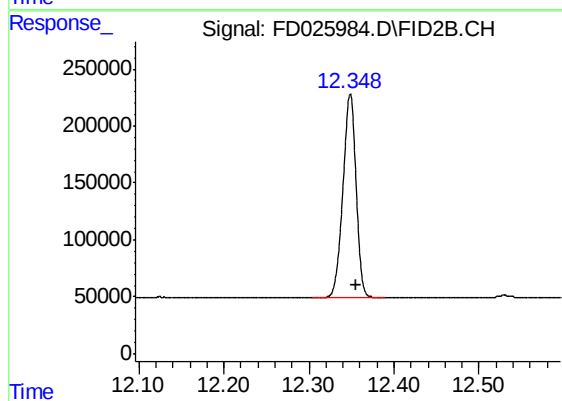
#10 Anthracene (C19.43)

R.T.: 10.616 min
Delta R.T.: -0.007 min
Response: 1779436
Conc: 19.43 ug/ml



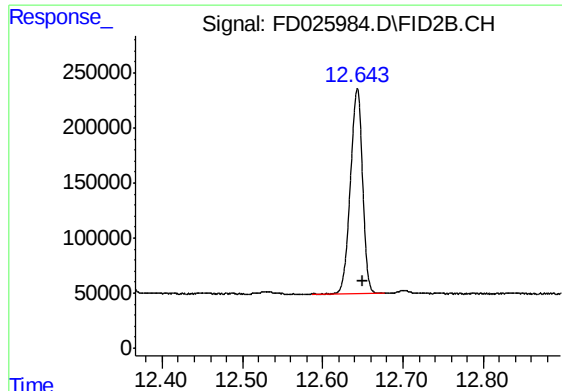
#11 ortho-Terphenyl (SURR)

R.T.: 11.318 min
Delta R.T.: -0.006 min
Response: 1662865
Conc: 19.33 ug/ml



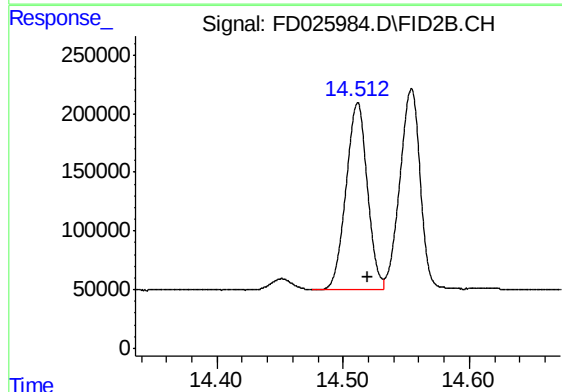
#12 Fluoranthene (C21.85)

R.T.: 12.349 min
Delta R.T.: -0.007 min
Response: 1931736
Conc: 19.71 ug/ml



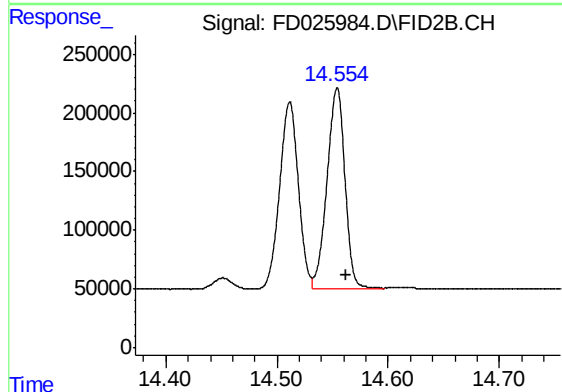
#13 Pyrene (C20.8)

R.T.: 12.643 min
Delta R.T.: -0.007 min
Response: 1952843
Conc: 19.61 ug/ml



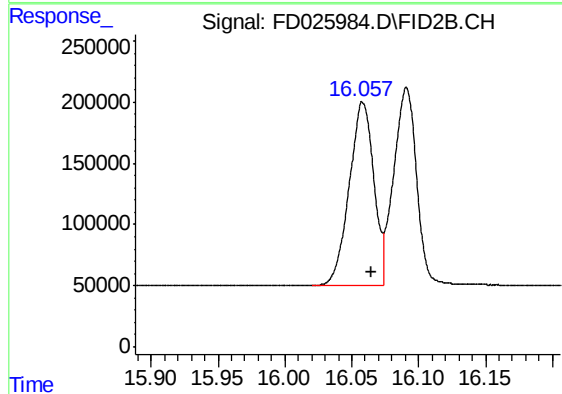
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.512 min
Delta R.T.: -0.008 min
Response: 1870655
Conc: 19.35 ug/ml



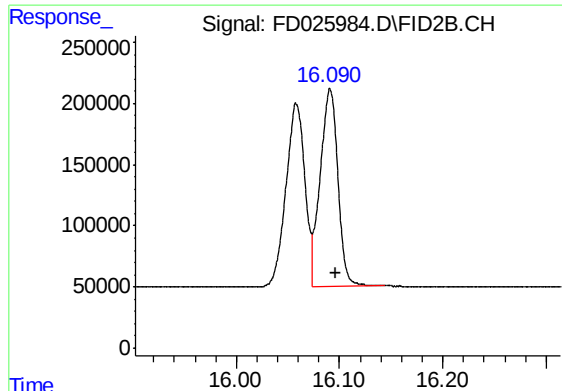
#15 Chrysene (C27.41)

R.T.: 14.554 min
Delta R.T.: -0.007 min
Response: 1911810
Conc: 19.66 ug/ml



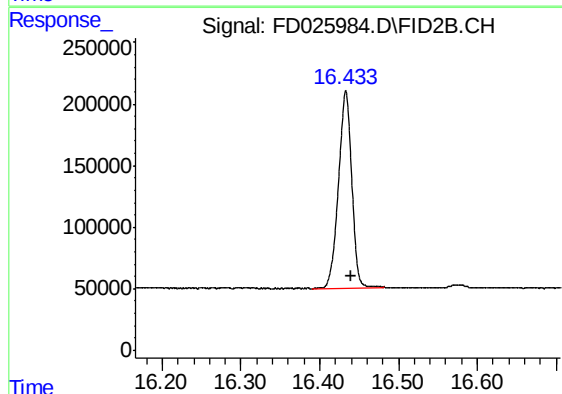
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.058 min
Delta R.T.: -0.007 min
Response: 1905115
Conc: 19.39 ug/ml



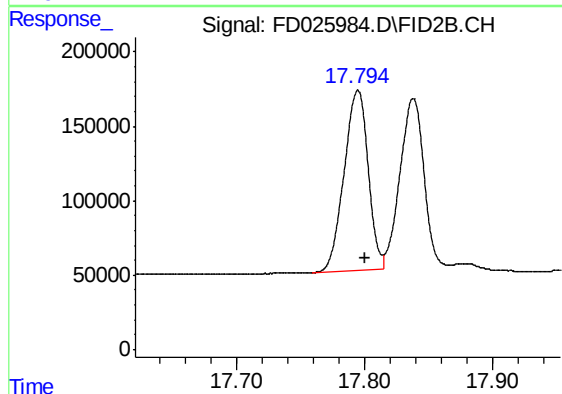
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.091 min
Delta R.T.: -0.006 min
Response: 1929924
Conc: 19.79 ug/ml



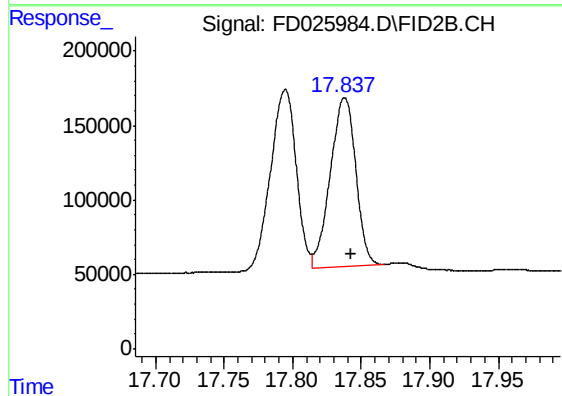
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.433 min
Delta R.T.: -0.007 min
Response: 1858454
Conc: 19.03 ug/ml



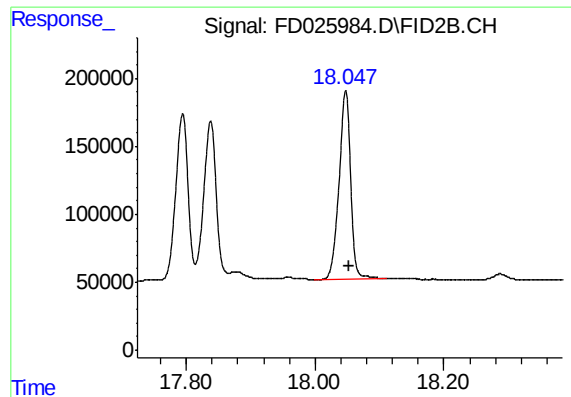
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: -0.006 min
Response: 1575051
Conc: 16.61 ug/ml



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

R.T.: 17.838 min
Delta R.T.: -0.005 min
Response: 1465128
Conc: 15.82 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.006 min
Response: 1733288
Conc: 18.02 ug/ml