

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032020AR\
 Data File : FD032716.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2020 12:12
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 00:28:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 2020
 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...	7.612	2875760	22.250 ug/ml
Spiked Amount 50.000		Recovery =	44.50%
6) S 2-Fluorobiphenyl (SURR)	8.474	1865294	21.129 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.26%
11) S ortho-Terphenyl (SURR)	11.509	2865364	20.665 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.417	3231701	24.295 ug/ml
2) T Naphthalene (C11.7)	5.954	3297151	23.206 ug/ml
3) T 2-Methylnaphthalene (...)	7.004	3189301	22.467 ug/ml
5) T Acenaphthylene (C15.06)	8.277	2904842	21.235 ug/ml
7) T Acenaphthene (C15.5)	8.572	3065259	21.711 ug/ml
8) T Flouorene (C16.55)	9.351	2924294	20.861 ug/ml
9) T Phenanthrene (C19.36)	10.746	2785994	19.936 ug/ml
10) T Anthracene (C19.43)	10.820	2189807	15.641 ug/ml
12) T Fluoranthene (C21.85)	12.556	2752348	19.624 ug/ml
13) T Pyrene (C20.8)	12.852	2720222	19.784 ug/ml
14) T Benzo[a]anthracene (C...	14.723	2577240	19.750 ug/ml
15) T Chrysene (C27.41)	14.765	2716195	20.177 ug/ml
16) T benzo[b]fluoranthene ...	16.274	2733807	21.310 ug/ml
17) T Bnezo[k]fluoranthene ...	16.306	2718004	20.704 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.653	2669411	20.954 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.020	2695811	22.623 ug/ml
20) T Dibenz[a,h]anthracene...	18.057	2801037	22.153 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	2702179	22.858 ug/ml

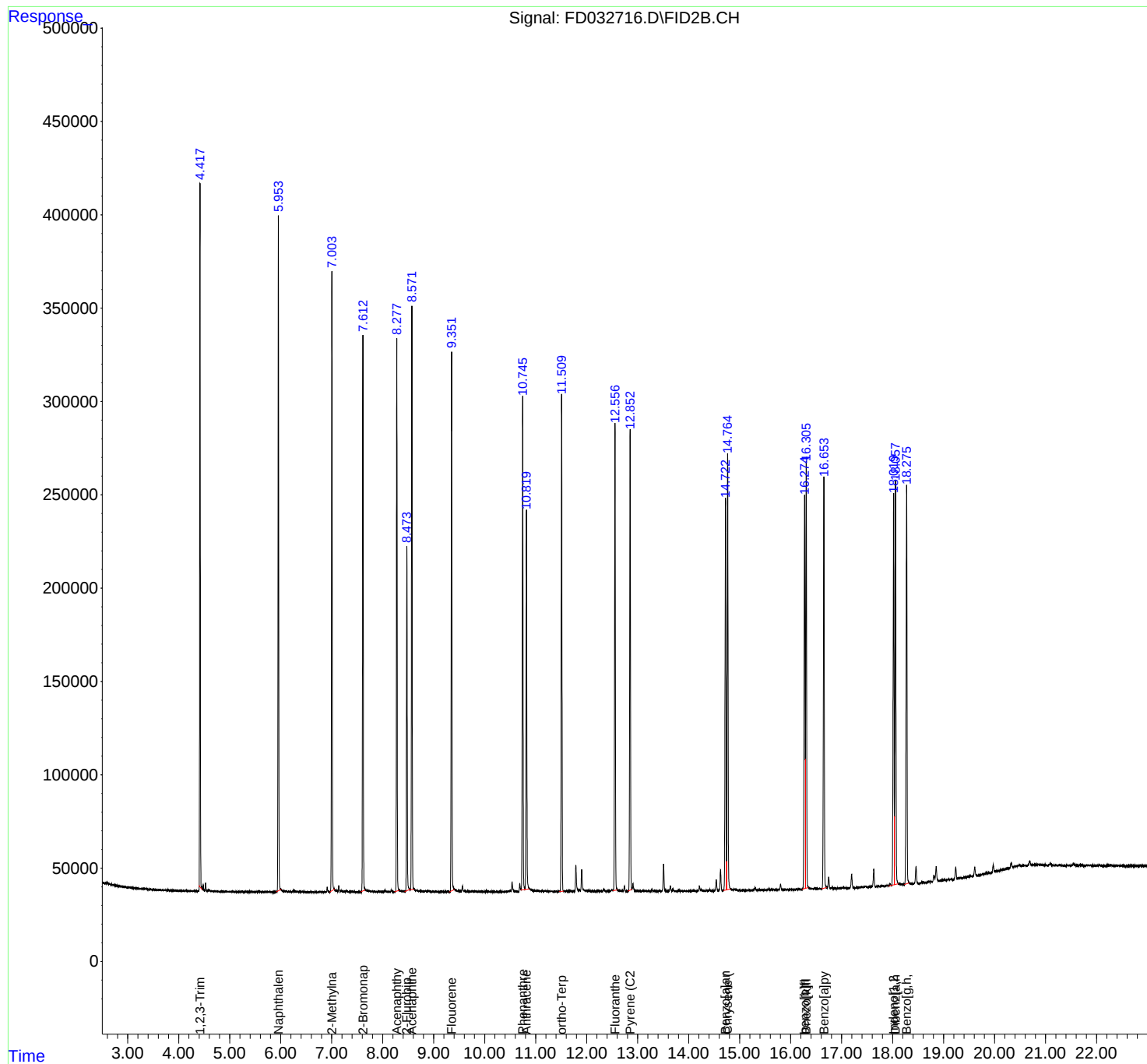
(f)=RT Delta > 1/2 Window

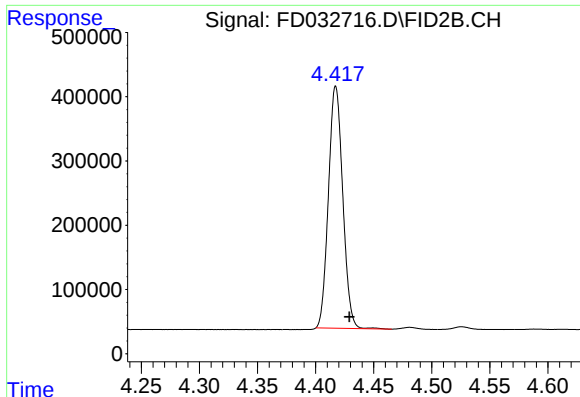
(m)=manual int.

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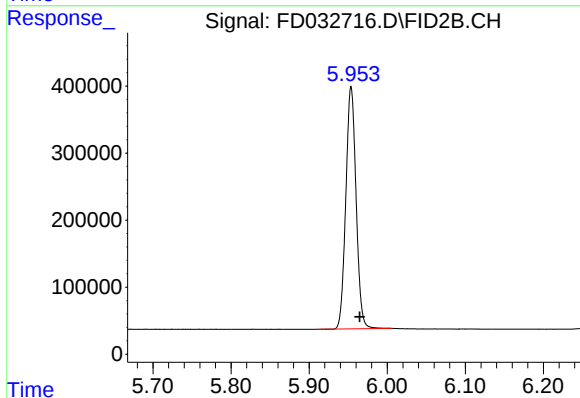
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Signal Info : 20M x 0.18mm x 0.18µm





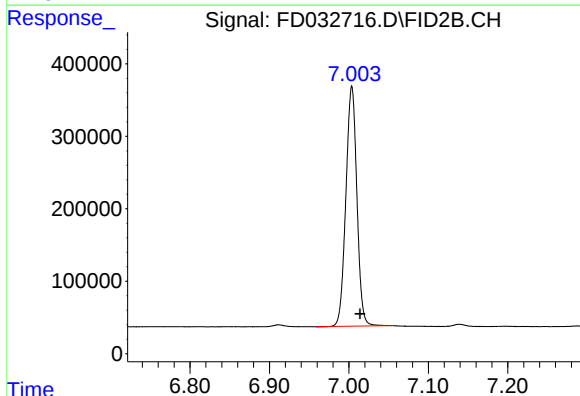
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.417 min
Delta R.T.: -0.012 min
Response: 3231701
Conc: 24.30 ug/ml



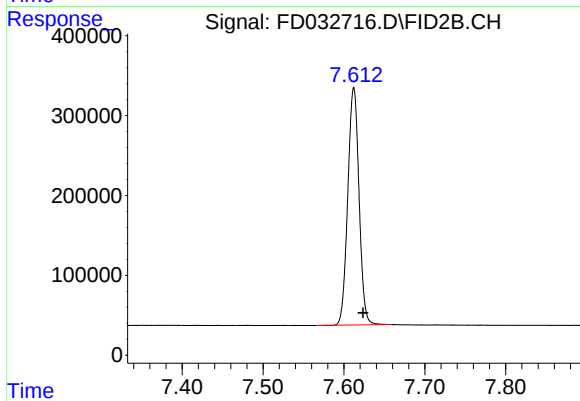
#2 Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.011 min
Response: 3297151
Conc: 23.21 ug/ml



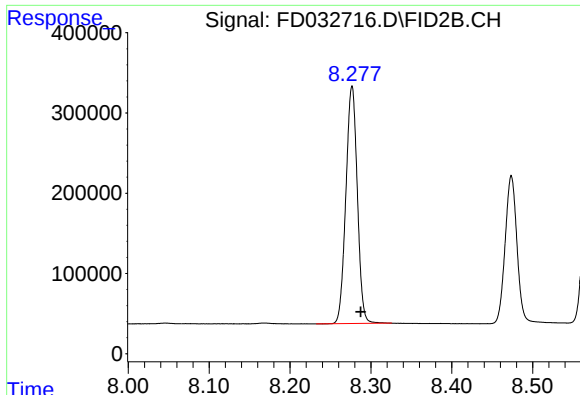
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.010 min
Response: 3189301
Conc: 22.47 ug/ml



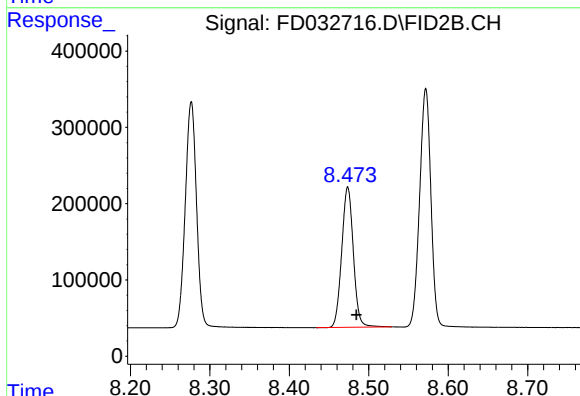
#4 2-Bromonaphthalene (SURR)

R.T.: 7.612 min
Delta R.T.: -0.011 min
Response: 2875760
Conc: 22.25 ug/ml



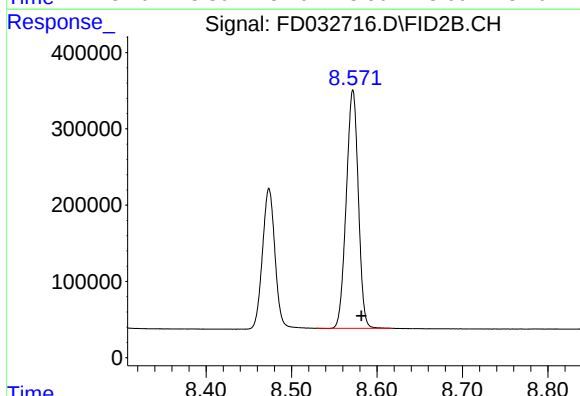
#5 Acenaphthylene (C15.06)

R.T.: 8.277 min
Delta R.T.: -0.011 min
Response: 2904842
Conc: 21.24 ug/ml



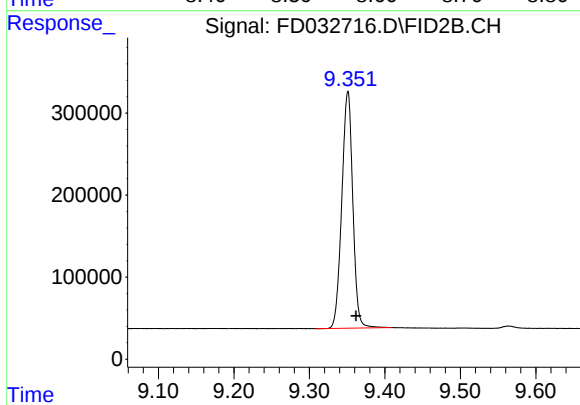
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.474 min
Delta R.T.: -0.011 min
Response: 1865294
Conc: 21.13 ug/ml



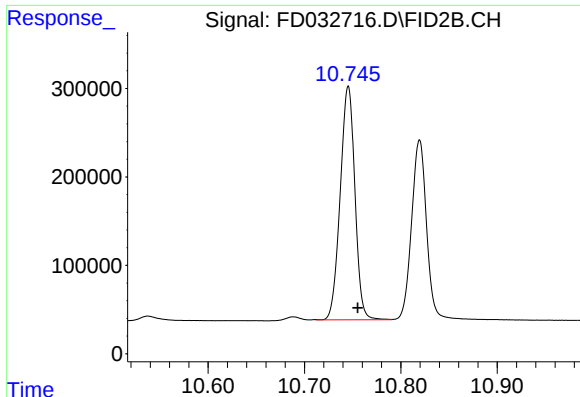
#7 Acenaphthene (C15.5)

R.T.: 8.572 min
Delta R.T.: -0.010 min
Response: 3065259
Conc: 21.71 ug/ml



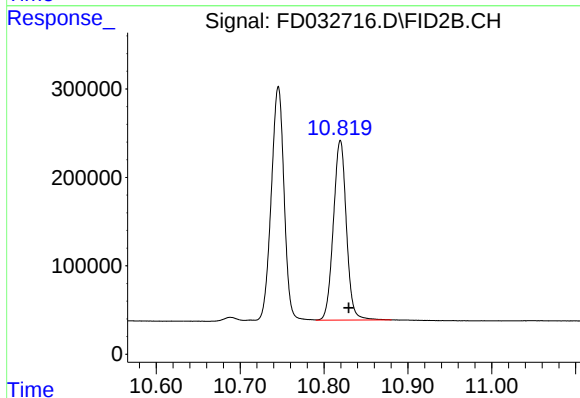
#8 Fluorene (C16.55)

R.T.: 9.351 min
Delta R.T.: -0.011 min
Response: 2924294
Conc: 20.86 ug/ml



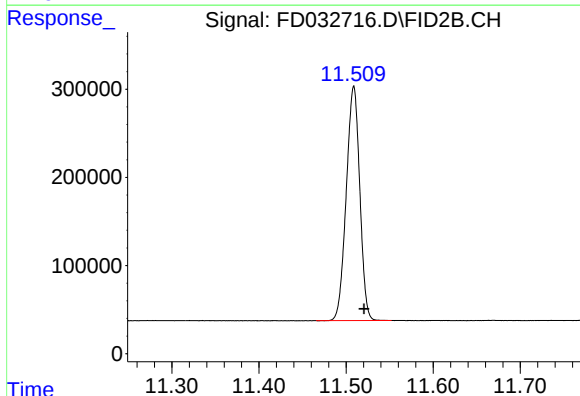
#9 Phenanthrene (C19.36)

R.T.: 10.746 min
Delta R.T.: -0.010 min
Response: 2785994
Conc: 19.94 ug/ml



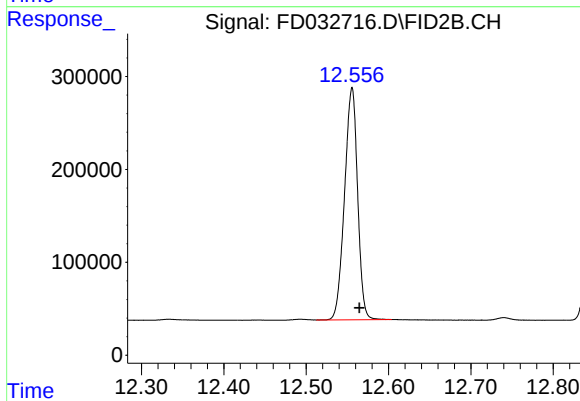
#10 Anthracene (C19.43)

R.T.: 10.820 min
Delta R.T.: -0.010 min
Response: 2189807
Conc: 15.64 ug/ml



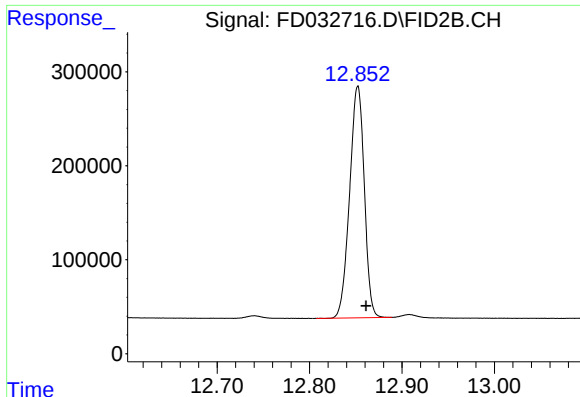
#11 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: -0.012 min
Response: 2865364
Conc: 20.67 ug/ml



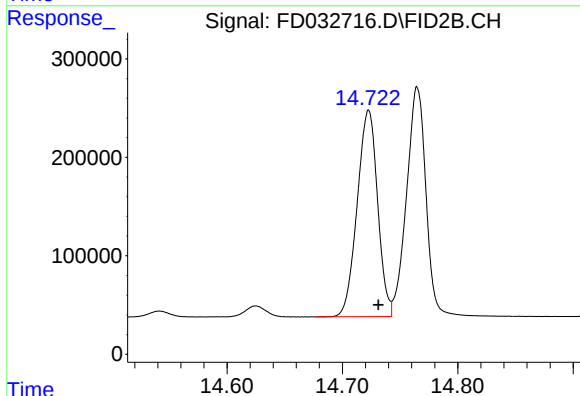
#12 Fluoranthene (C21.85)

R.T.: 12.556 min
Delta R.T.: -0.009 min
Response: 2752348
Conc: 19.62 ug/ml



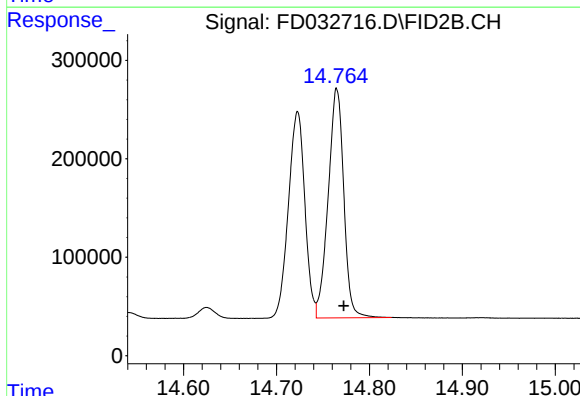
#13 Pyrene (C20.8)

R.T.: 12.852 min
Delta R.T.: -0.009 min
Response: 2720222
Conc: 19.78 ug/ml



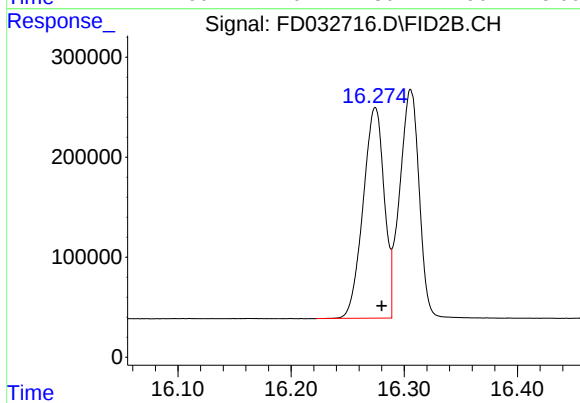
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.723 min
Delta R.T.: -0.008 min
Response: 2577240
Conc: 19.75 ug/ml



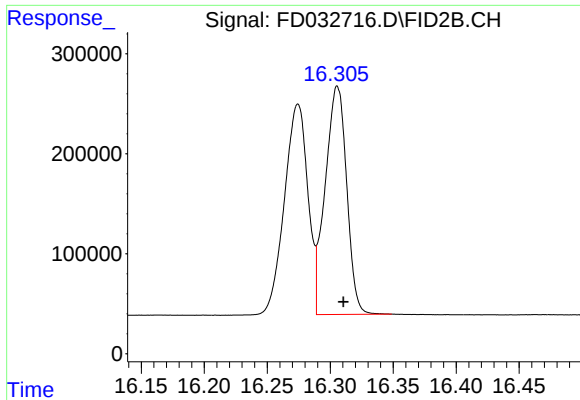
#15 Chrysene (C27.41)

R.T.: 14.765 min
Delta R.T.: -0.008 min
Response: 2716195
Conc: 20.18 ug/ml



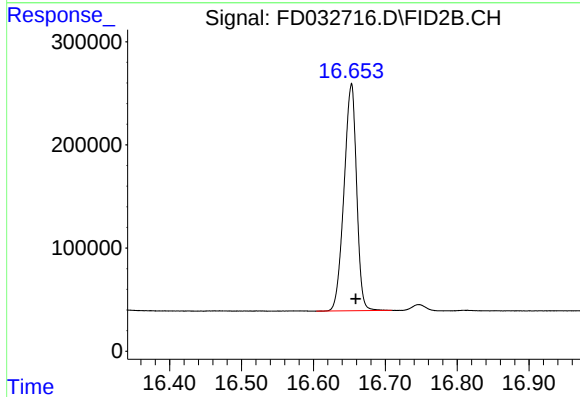
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.274 min
Delta R.T.: -0.006 min
Response: 2733807
Conc: 21.31 ug/ml



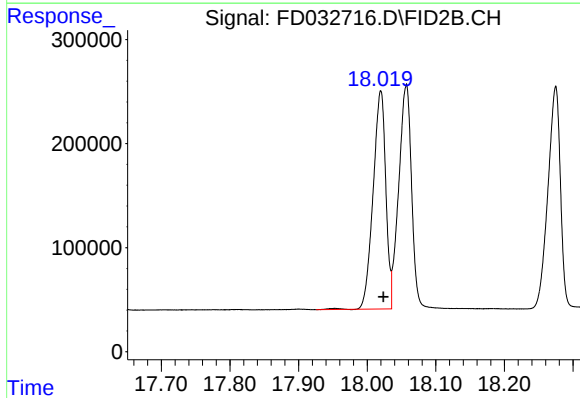
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.306 min
Delta R.T.: -0.005 min
Response: 2718004
Conc: 20.70 ug/ml



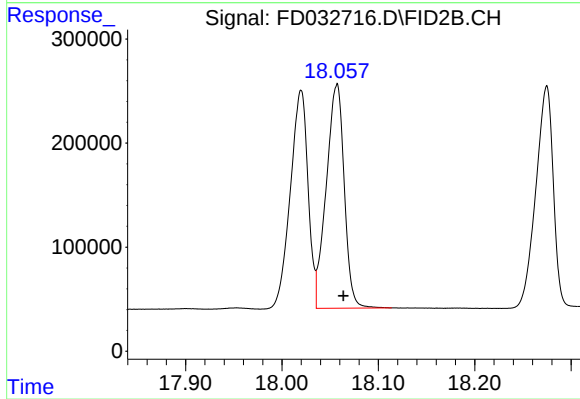
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.653 min
Delta R.T.: -0.006 min
Response: 2669411
Conc: 20.95 ug/ml



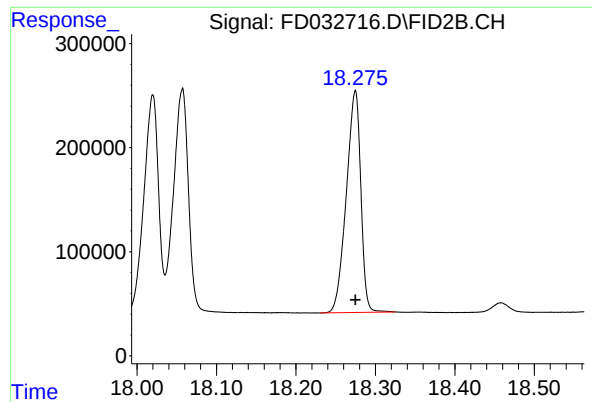
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.020 min
Delta R.T.: -0.004 min
Response: 2695811
Conc: 22.62 ug/ml



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

R.T.: 18.057 min
Delta R.T.: -0.007 min
Response: 2801037
Conc: 22.15 ug/ml



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

R.T.: 18.275 min
Delta R.T.: 0.000 min
Response: 2702179
Conc: 22.86 ug/ml