

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011320AR\
 Data File : FD032004.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jan 2020 13:15
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 14 07:59:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.633	2477915	22.043 ug/ml
Spiked Amount 50.000		Recovery =	44.09%
6) S 2-Fluorobiphenyl (SURR)	8.494	1708362	21.918 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.84%
11) S ortho-Terphenyl (SURR)	11.530	2660890	21.439 ug/ml
Spiked Amount 50.000		Recovery =	42.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.437	2574059	22.727 ug/ml
2) T Naphthalene (C11.7)	5.974	2723361	22.390 ug/ml
3) T 2-Methylnaphthalene (...)	7.024	2704748	22.084 ug/ml
5) T Acenaphthylene (C15.06)	8.297	2593625	21.669 ug/ml
7) T Acenaphthene (C15.5)	8.593	2709821	21.913 ug/ml
8) T Fluorene (C16.55)	9.371	2700381	21.621 ug/ml
9) T Phenanthrene (C19.36)	10.765	2739693	21.701 ug/ml
10) T Anthracene (C19.43)	10.839	2547145	20.345 ug/ml
12) T Fluoranthene (C21.85)	12.572	2720708	21.257 ug/ml
13) T Pyrene (C20.8)	12.869	2691648	21.386 ug/ml
14) T Benzo[a]anthracene (C...	14.736	2559549	20.960 ug/ml
15) T Chrysene (C27.41)	14.779	2576709	20.938 ug/ml
16) T benzo[b]fluoranthene ...	16.284	2539966	21.034 ug/ml
17) T Bnezo[k]fluoranthene ...	16.315	2514397	20.783 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.661	2483554	20.789 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.023	2434713	21.192 ug/ml
20) T Dibenz[a,h]anthracene...	18.063	2488209	21.278 ug/ml
21) T Benzo[g,h,i]perylene ...	18.278	2411364	21.163 ug/ml

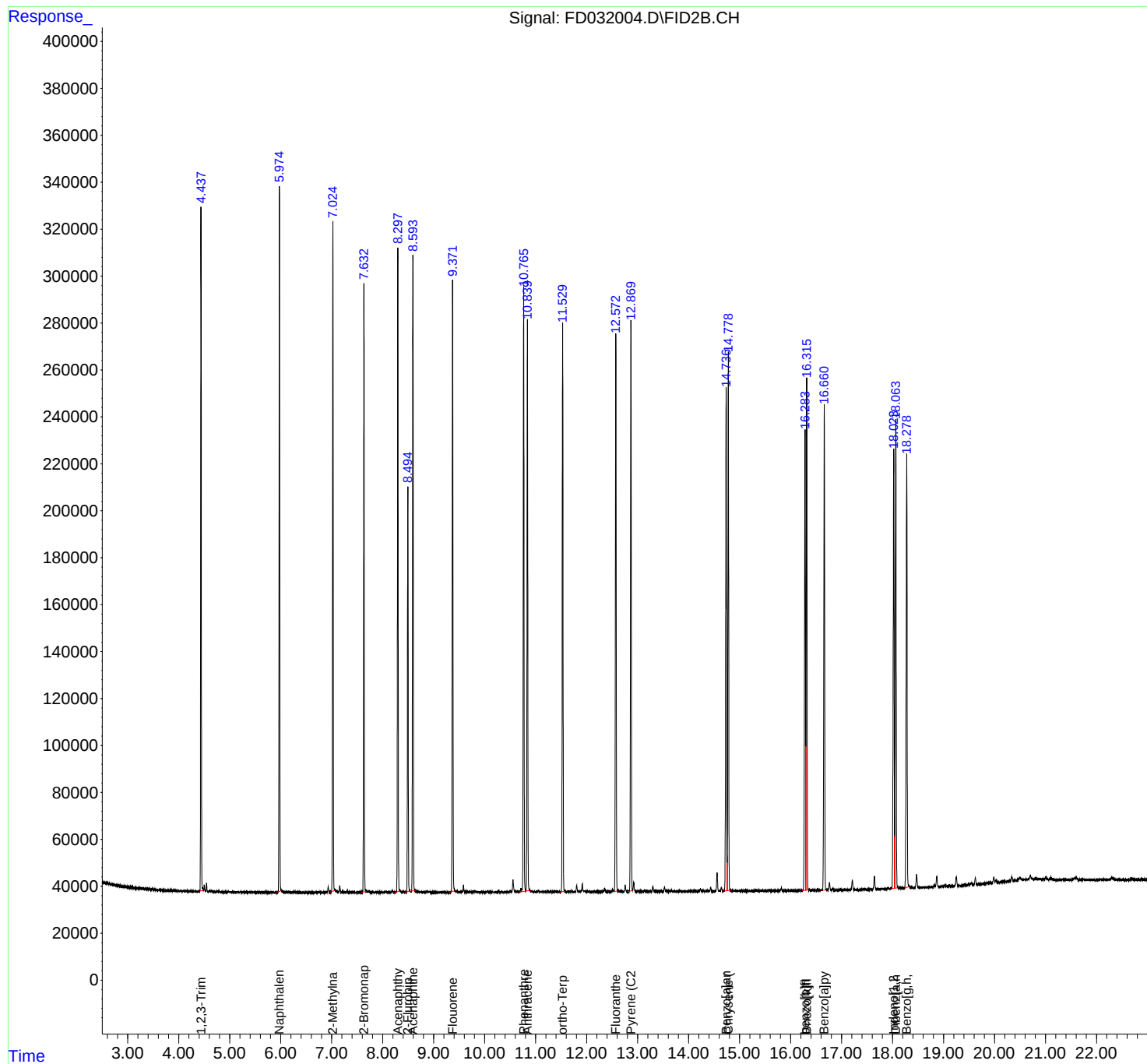
(f)=RT Delta > 1/2 Window

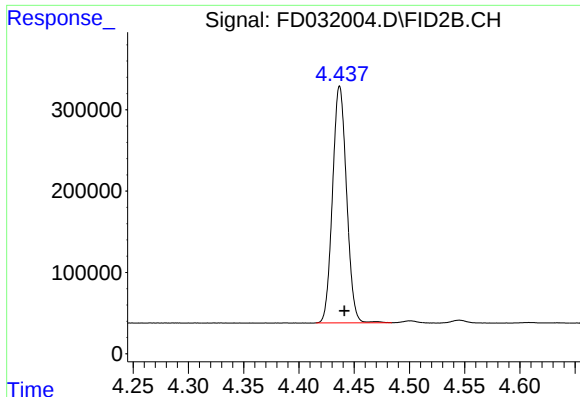
(m)=manual int.

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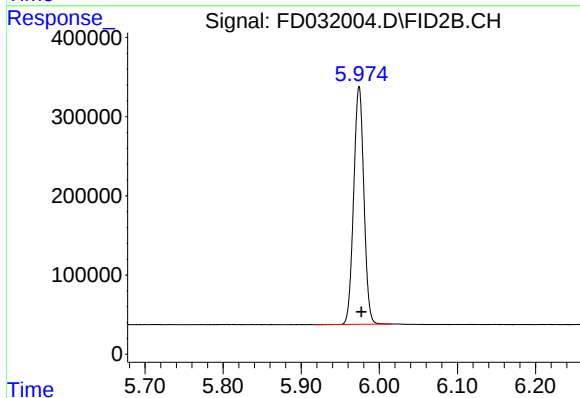
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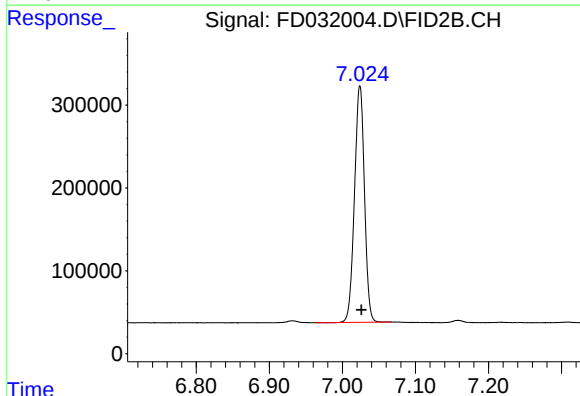
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.437 min
Delta R.T.: -0.004 min
Response: 2574059
Conc: 22.73 ug/ml



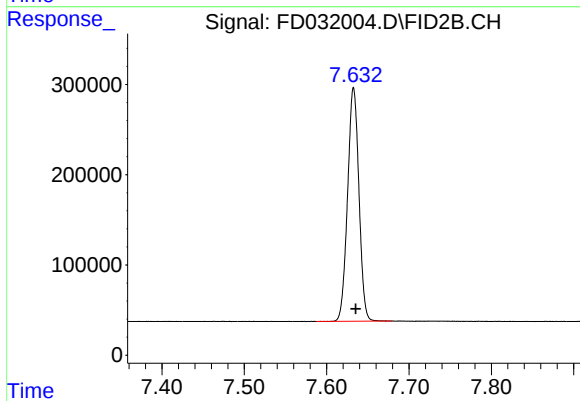
#2 Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 2723361
Conc: 22.39 ug/ml



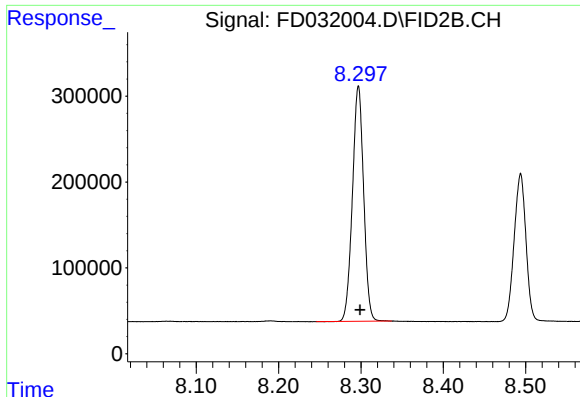
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 2704748
Conc: 22.08 ug/ml



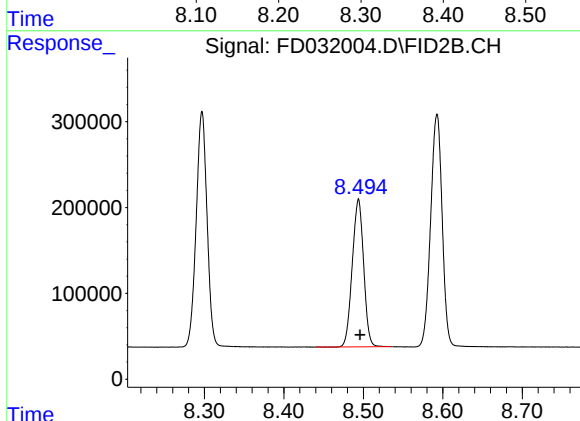
#4 2-Bromonaphthalene (SURR)

R.T.: 7.633 min
Delta R.T.: -0.003 min
Response: 2477915
Conc: 22.04 ug/ml



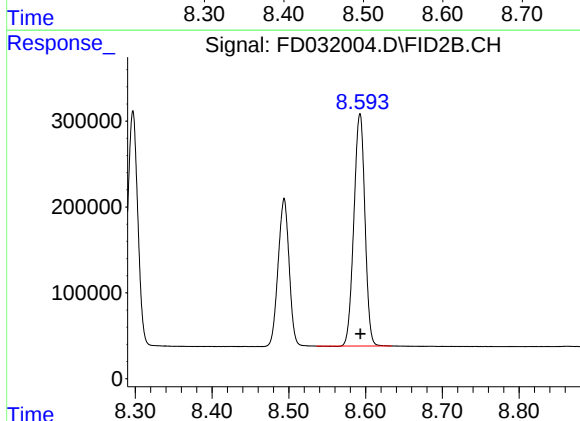
#5 Acenaphthylene (C15.06)

R.T.: 8.297 min
Delta R.T.: -0.002 min
Response: 2593625
Conc: 21.67 ug/ml



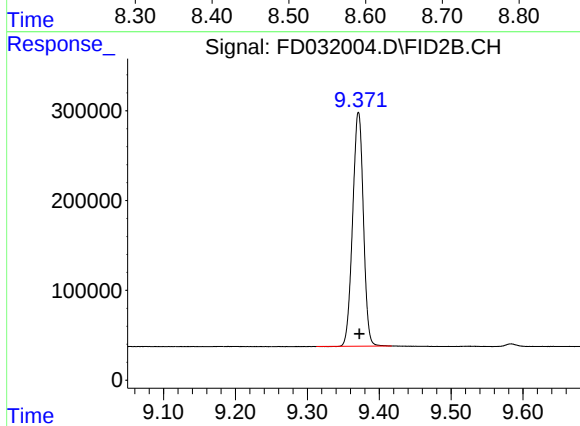
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 1708362
Conc: 21.92 ug/ml



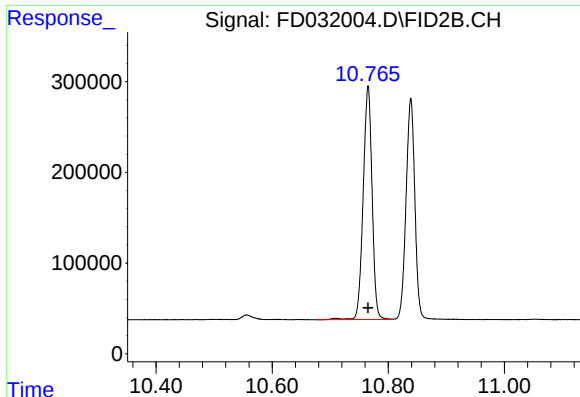
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 2709821
Conc: 21.91 ug/ml



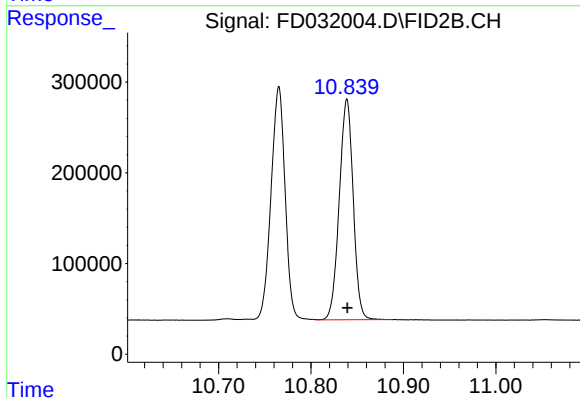
#8 Flouorene (C16.55)

R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 2700381
Conc: 21.62 ug/ml



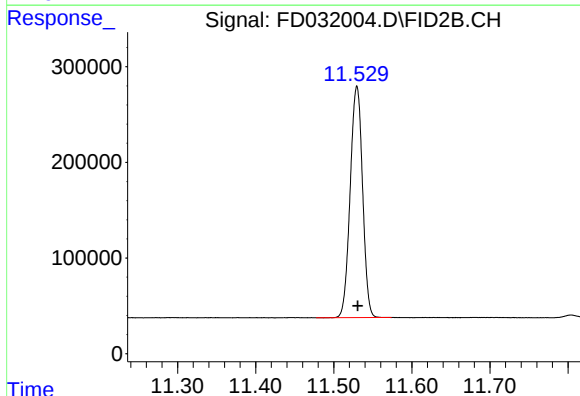
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: 0.000 min
Response: 2739693
Conc: 21.70 ug/ml



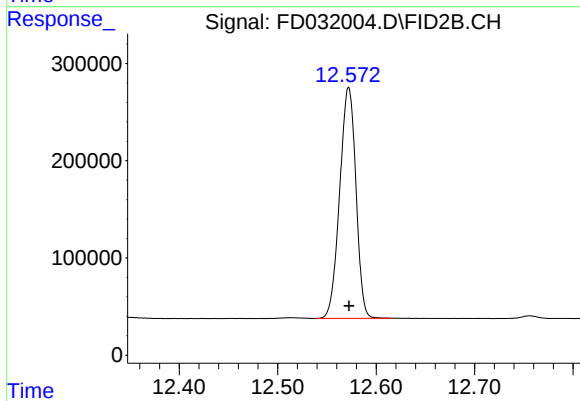
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: 0.000 min
Response: 2547145
Conc: 20.35 ug/ml



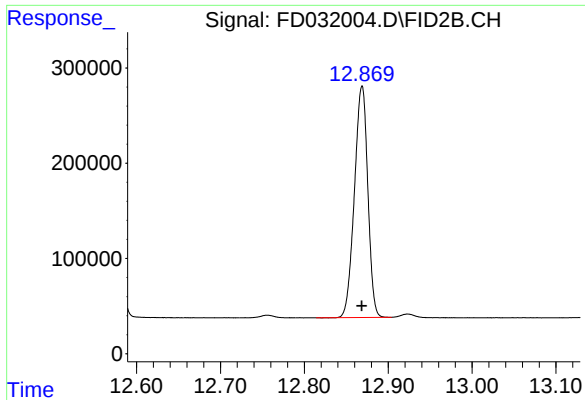
#11 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: 0.000 min
Response: 2660890
Conc: 21.44 ug/ml



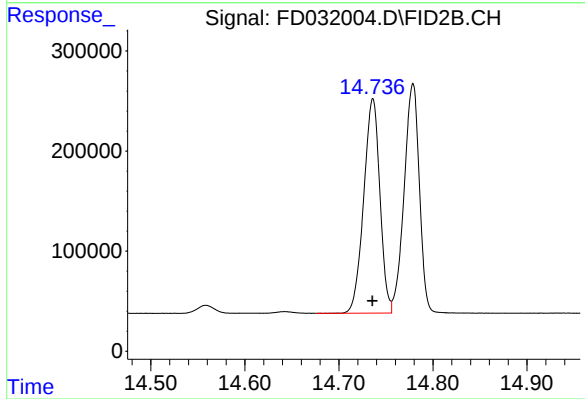
#12 Fluoranthene (C21.85)

R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 2720708
Conc: 21.26 ug/ml



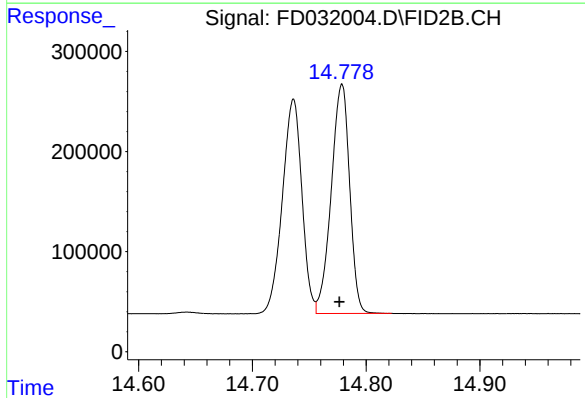
#13 Pyrene (C20.8)

R.T.: 12.869 min
Delta R.T.: 0.000 min
Response: 2691648
Conc: 21.39 ug/ml



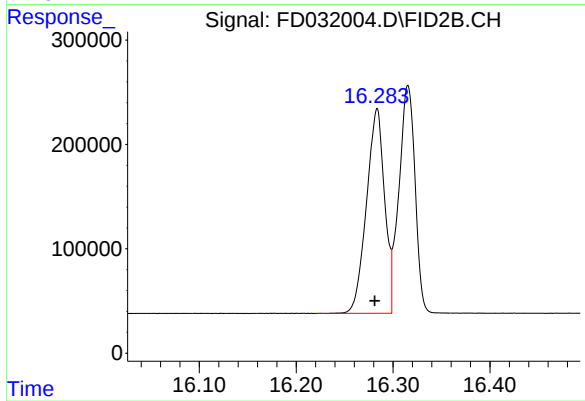
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: 0.000 min
Response: 2559549
Conc: 20.96 ug/ml



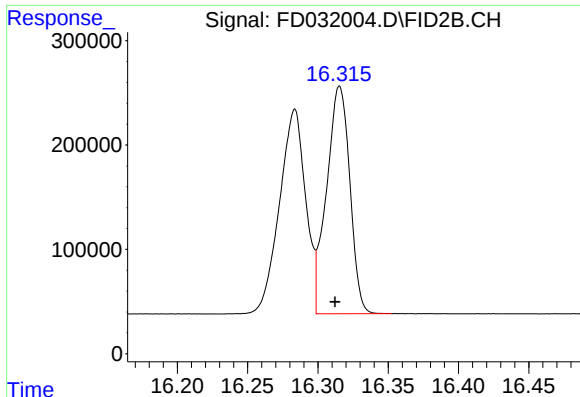
#15 Chrysene (C27.41)

R.T.: 14.779 min
Delta R.T.: 0.002 min
Response: 2576709
Conc: 20.94 ug/ml



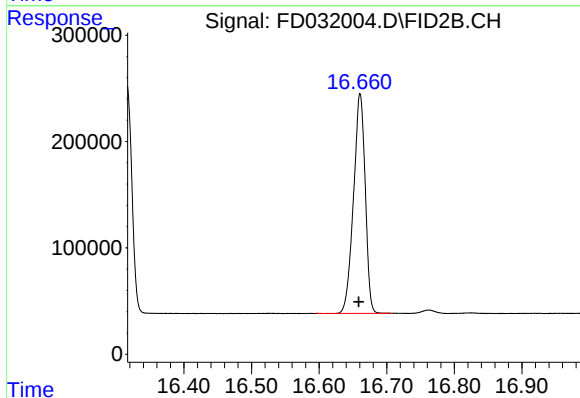
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.284 min
Delta R.T.: 0.002 min
Response: 2539966
Conc: 21.03 ug/ml



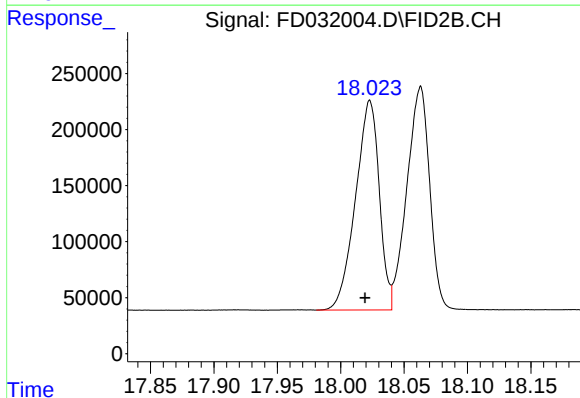
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.315 min
Delta R.T.: 0.003 min
Response: 2514397
Conc: 20.78 ug/ml



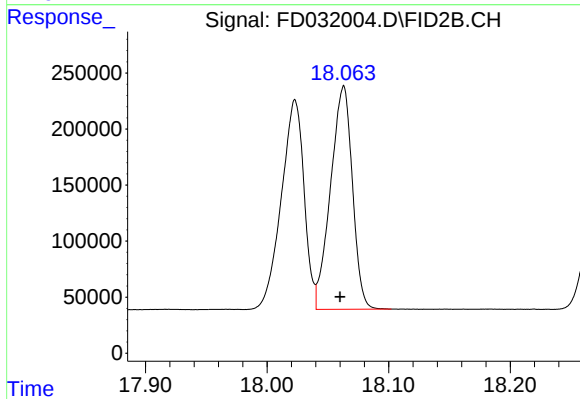
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.661 min
Delta R.T.: 0.002 min
Response: 2483554
Conc: 20.79 ug/ml



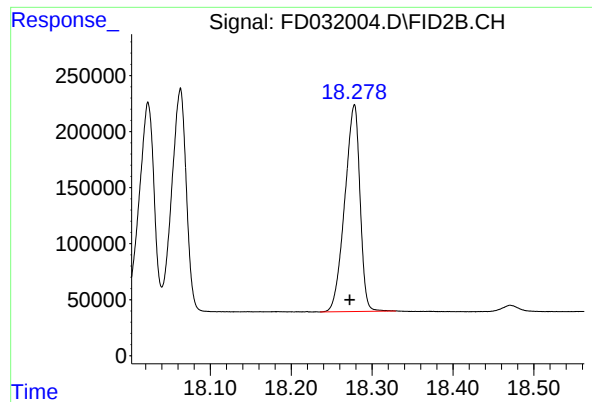
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.023 min
Delta R.T.: 0.004 min
Response: 2434713
Conc: 21.19 ug/ml



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

R.T.: 18.063 min
Delta R.T.: 0.003 min
Response: 2488209
Conc: 21.28 ug/ml



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

R.T.: 18.278 min
Delta R.T.: 0.006 min
Response: 2411364
Conc: 21.16 ug/ml