

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061819AR\
 Data File : FD029455.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jun 2019 14:50
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 18 16:13:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:45:09 2019
 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...	7.728	2395614	20.619 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
6) S 2-Fluorobiphenyl (SURR)	8.593	1612693	20.345 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.69%
11) S ortho-Terphenyl (SURR)	11.630	2520565	19.642 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	2589882	21.199 ug/ml
2) T Naphthalene (C11.7)	6.068	2740135	21.026 ug/ml
3) T 2-Methylnaphthalene (...)	7.119	2681647	20.774 ug/ml
5) T Acenaphthylene (C15.06)	8.397	2545826	20.137 ug/ml
7) T Acenaphthene (C15.5)	8.692	2652952	20.331 ug/ml
8) T Fluorene (C16.55)	9.471	2613670	20.086 ug/ml
9) T Phenanthrene (C19.36)	10.867	2610945	19.898 ug/ml
10) T Anthracene (C19.43)	10.941	2470907	19.119 ug/ml
12) T Fluoranthene (C21.85)	12.677	2570973	19.549 ug/ml
13) T Pyrene (C20.8)	12.975	2561686	19.453 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2417746	19.226 ug/ml
15) T Chrysene (C27.41)	14.883	2425865	19.239 ug/ml
16) T benzo[b]fluoranthene ...	16.386	2419119	19.533 ug/ml
17) T Bnezo[k]fluoranthene ...	16.418	2389167	19.397 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.764	2371375	19.384 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.124	2337738	19.814 ug/ml
20) T Dibenz[a,h]anthracene...	18.163	2324723	20.083 ug/ml
21) T Benzo[g,h,i]perylene ...	18.380	2335403	20.118 ug/ml

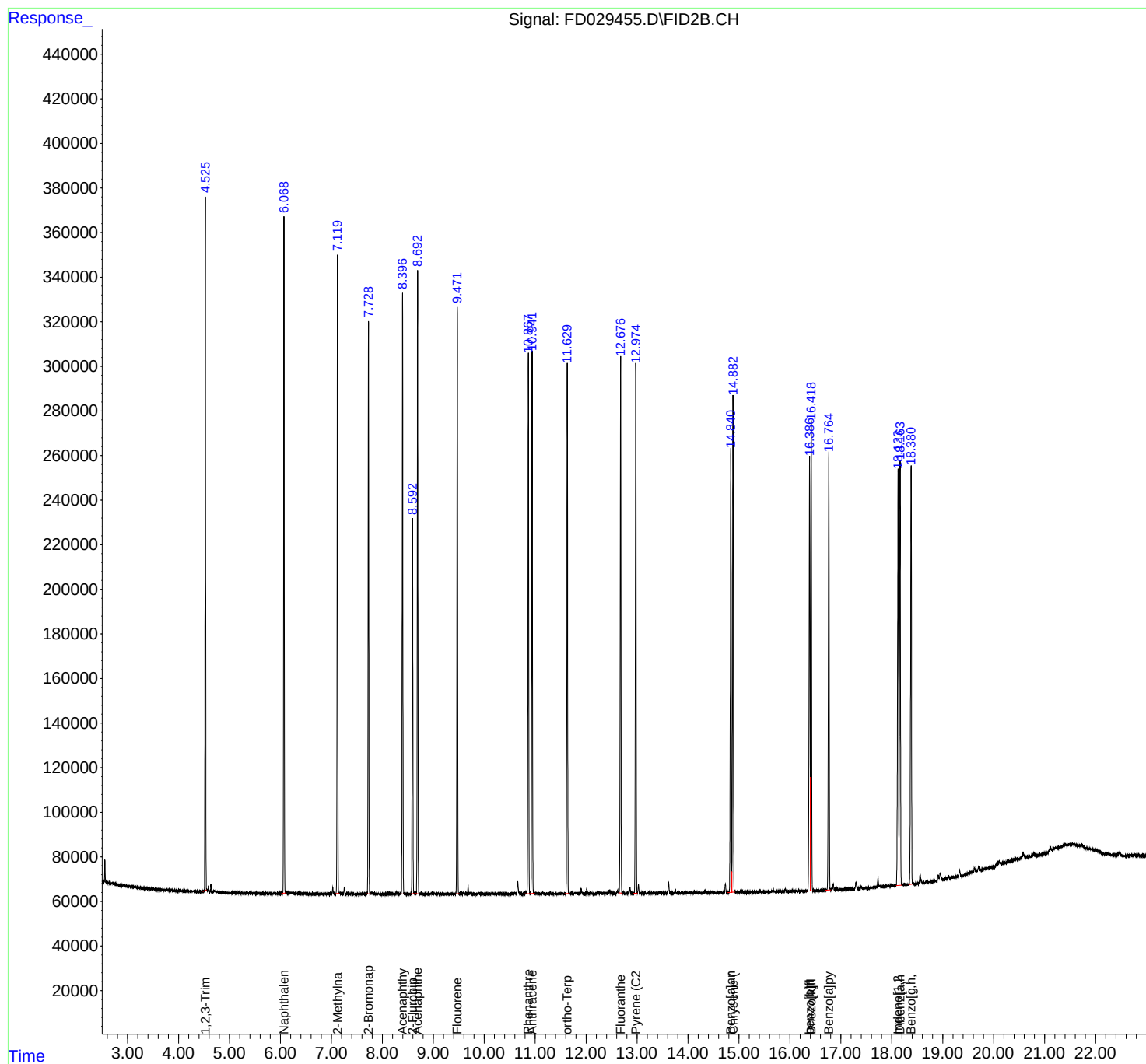
(f)=RT Delta > 1/2 Window

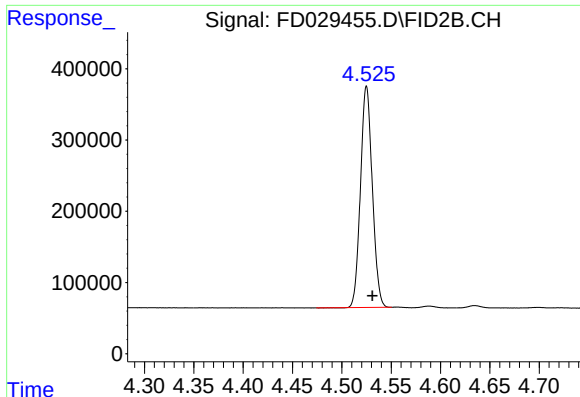
(m)=manual int.

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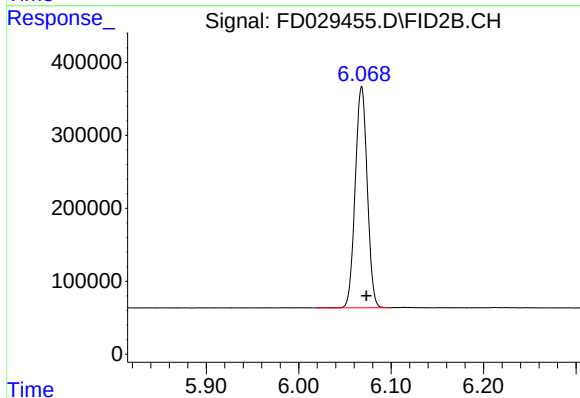
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Signal Info : 20M x 0.18mm x 0.18µm





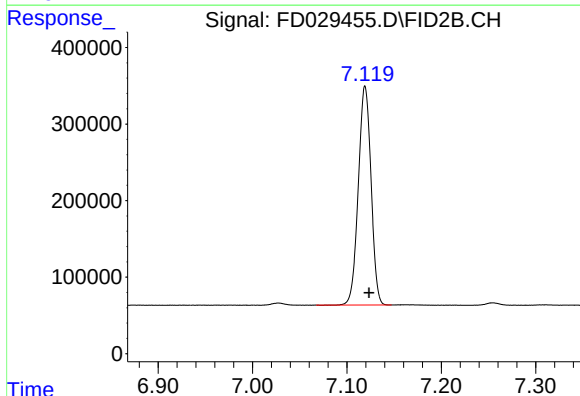
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.525 min
Delta R.T.: -0.006 min
Response: 2589882
Conc: 21.20 ug/ml



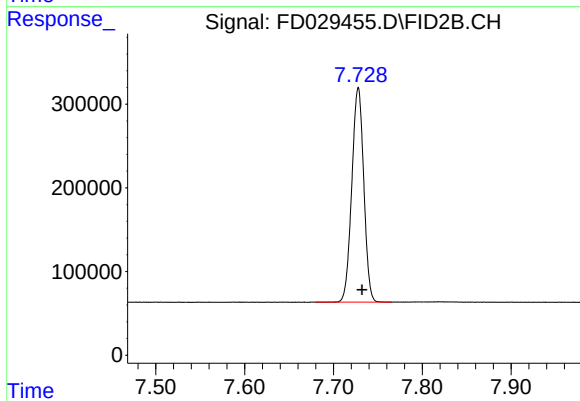
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 2740135
Conc: 21.03 ug/ml



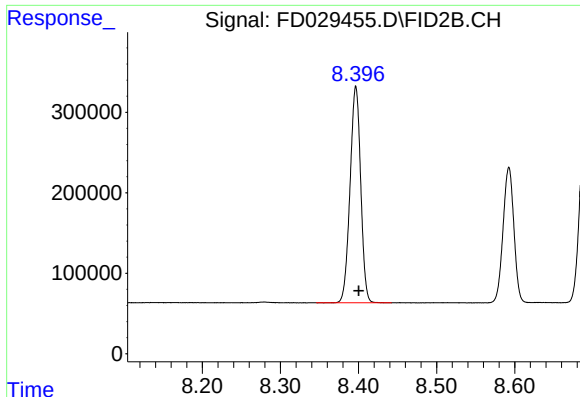
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.119 min
Delta R.T.: -0.004 min
Response: 2681647
Conc: 20.77 ug/ml



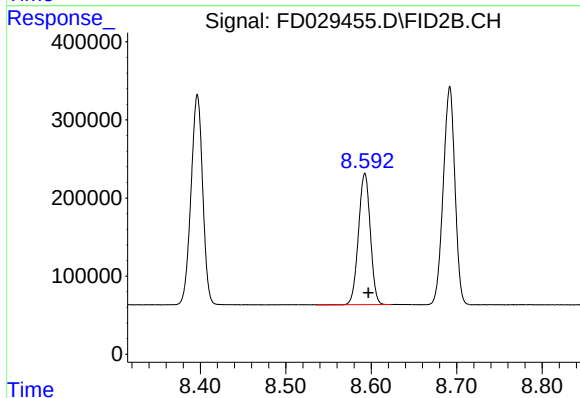
#4 2-Bromonaphthalene (SURR)

R.T.: 7.728 min
Delta R.T.: -0.004 min
Response: 2395614
Conc: 20.62 ug/ml



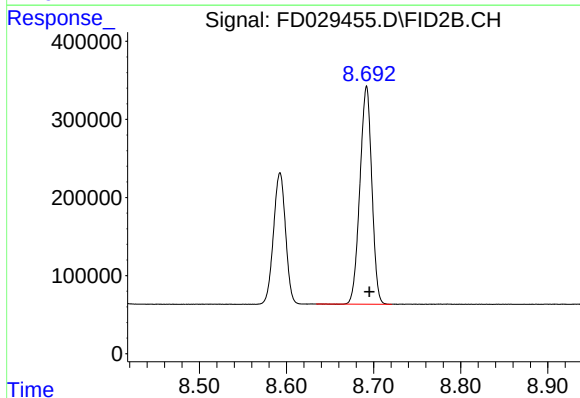
#5 Acenaphthylene (C15.06)

R.T.: 8.397 min
Delta R.T.: -0.004 min
Response: 2545826
Conc: 20.14 ug/ml



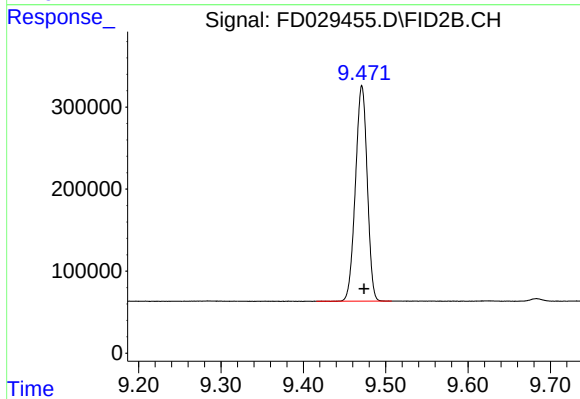
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.593 min
Delta R.T.: -0.004 min
Response: 1612693
Conc: 20.35 ug/ml



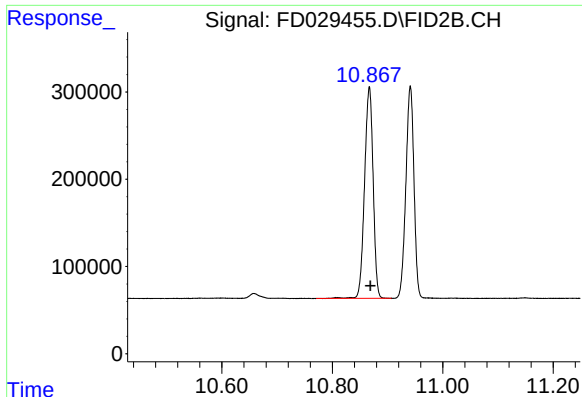
#7 Acenaphthene (C15.5)

R.T.: 8.692 min
Delta R.T.: -0.003 min
Response: 2652952
Conc: 20.33 ug/ml



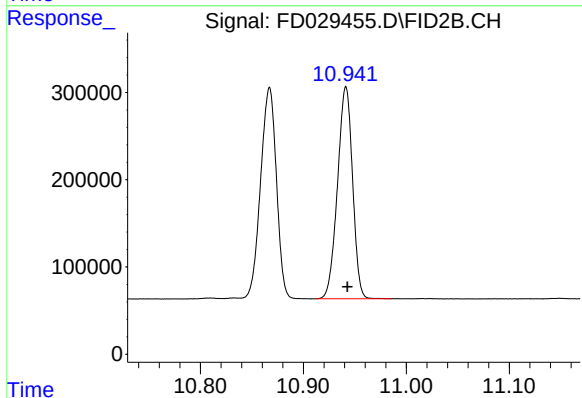
#8 Fluorene (C16.55)

R.T.: 9.471 min
Delta R.T.: -0.003 min
Response: 2613670
Conc: 20.09 ug/ml



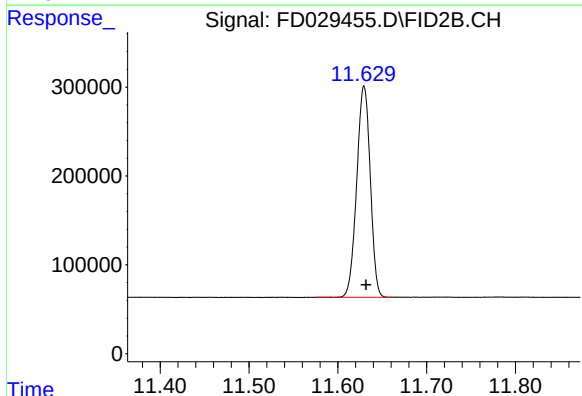
#9 Phenanthrene (C19.36)

R.T.: 10.867 min
Delta R.T.: -0.002 min
Response: 2610945
Conc: 19.90 ug/ml



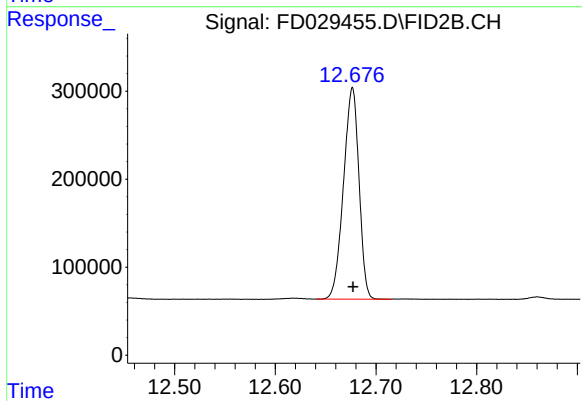
#10 Anthracene (C19.43)

R.T.: 10.941 min
Delta R.T.: -0.001 min
Response: 2470907
Conc: 19.12 ug/ml



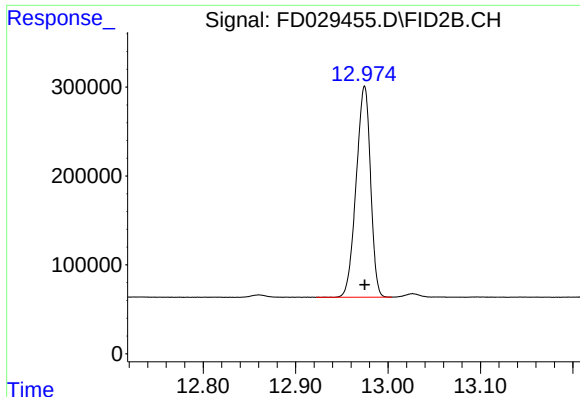
#11 ortho-Terphenyl (SURR)

R.T.: 11.630 min
Delta R.T.: -0.002 min
Response: 2520565
Conc: 19.64 ug/ml



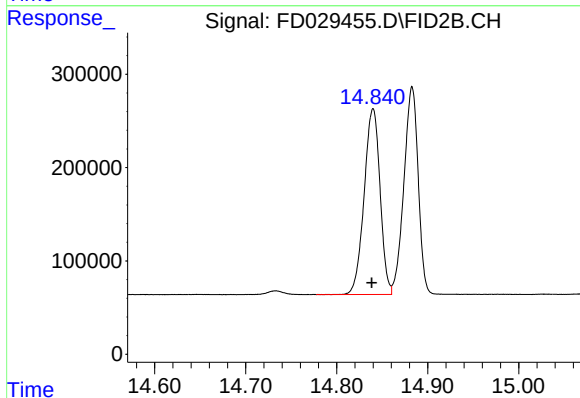
#12 Fluoranthene (C21.85)

R.T.: 12.677 min
Delta R.T.: 0.000 min
Response: 2570973
Conc: 19.55 ug/ml



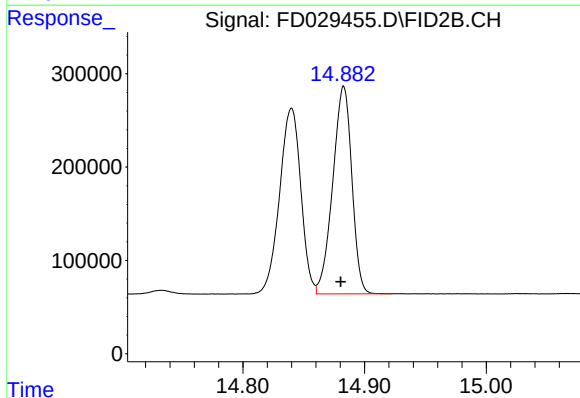
#13 Pyrene (C20.8)

R.T.: 12.975 min
Delta R.T.: 0.000 min
Response: 2561686
Conc: 19.45 ug/ml



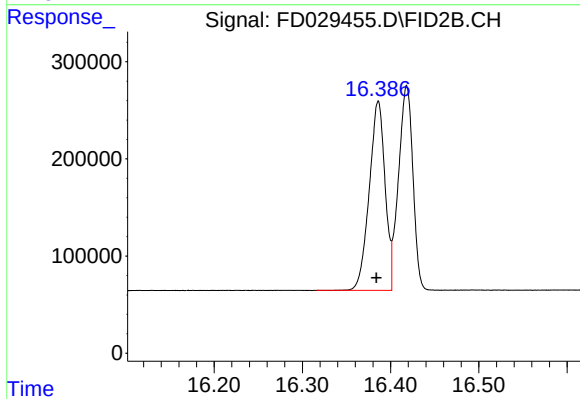
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.001 min
Response: 2417746
Conc: 19.23 ug/ml



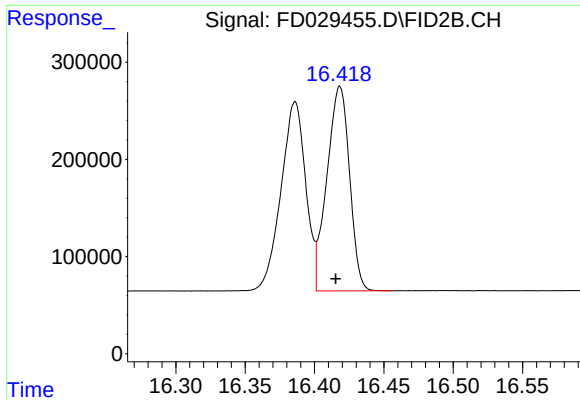
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.002 min
Response: 2425865
Conc: 19.24 ug/ml



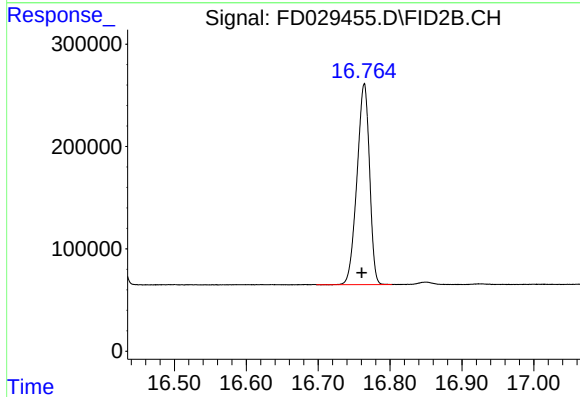
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.386 min
Delta R.T.: 0.002 min
Response: 2419119
Conc: 19.53 ug/ml



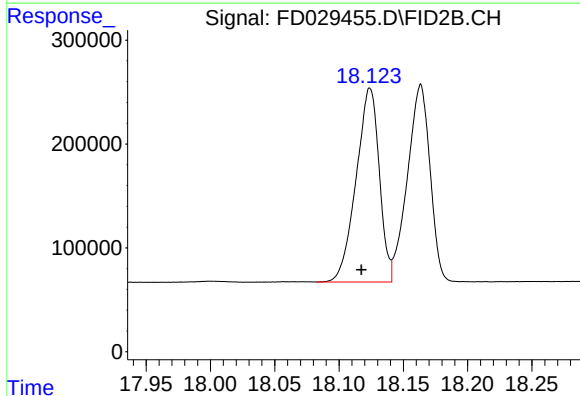
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.418 min
Delta R.T.: 0.003 min
Response: 2389167
Conc: 19.40 ug/ml



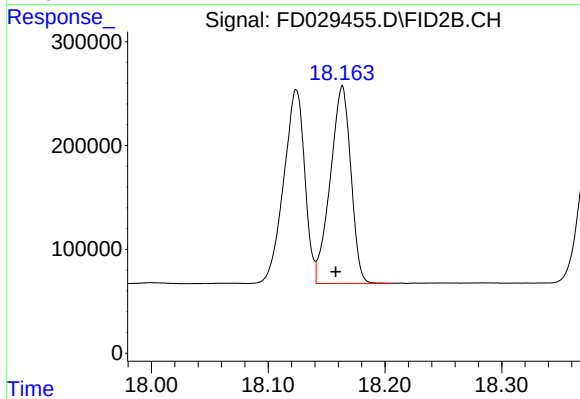
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.764 min
Delta R.T.: 0.003 min
Response: 2371375
Conc: 19.38 ug/ml



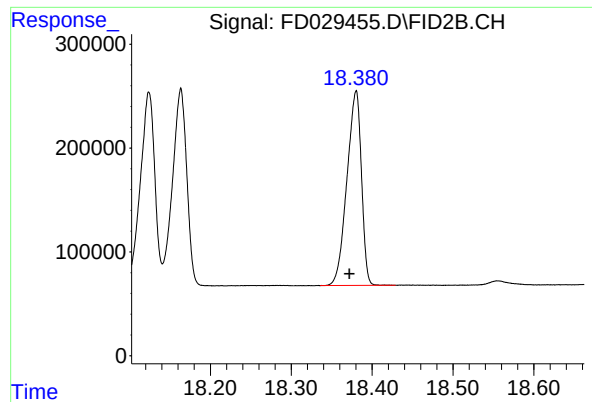
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.124 min
Delta R.T.: 0.007 min
Response: 2337738
Conc: 19.81 ug/ml



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

R.T.: 18.163 min
Delta R.T.: 0.006 min
Response: 2324723
Conc: 20.08 ug/ml



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

R.T.: 18.380 min
Delta R.T.: 0.008 min
Response: 2335403
Conc: 20.12 ug/ml