

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052019A\
 Data File : FD029218.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2019 18:16
 Operator : DD\AJ
 Sample : K2943-05MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 21 03:20:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:09:05 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...	7.749	4588831	57.975 ug/ml
Spiked Amount 50.000		Recovery =	115.95%
6) S 2-Fluorobiphenyl (SURR)	8.614	2575522	47.692 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.38%
11) S ortho-Terphenyl (SURR)	11.651	2911089	35.300 ug/ml
Spiked Amount 50.000		Recovery =	70.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	2031557	22.820 ug/ml
2) T Naphthalene (C11.7)	6.085	2796944	29.923 ug/ml
3) T 2-Methylnaphthalene (...)	7.138	3144202	34.898 ug/ml
5) T Acenaphthylene (C15.06)	8.417	3278147	38.124 ug/ml
7) T Acenaphthene (C15.5)	8.713	3403017	38.081 ug/ml
8) T Flouorene (C16.55)	9.493	3406788	38.915 ug/ml
9) T Phenanthrene (C19.36)	10.890	3394874	37.902 ug/ml
10) T Anthracene (C19.43)	10.964	3392428	38.124 ug/ml
12) T Fluoranthene (C21.85)	12.700	3563476	37.122 ug/ml
13) T Pyrene (C20.8)	12.998	3566216	36.248 ug/ml
14) T Benzo[a]anthracene (C...	14.863	3496482	35.428 ug/ml
15) T Chrysene (C27.41)	14.907	3667460	36.627 ug/ml
16) T benzo[b]fluoranthene ...	16.410	3615169	35.070 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	3446484	34.009 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.788	3328309	32.844 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.150	3299991	33.960 ug/ml
20) T Dibenz[a,h]anthracene...	18.188	3045277	33.855 ug/ml
21) T Benzo[g,h,i]perylene ...	18.407	3450998	34.124 ug/ml

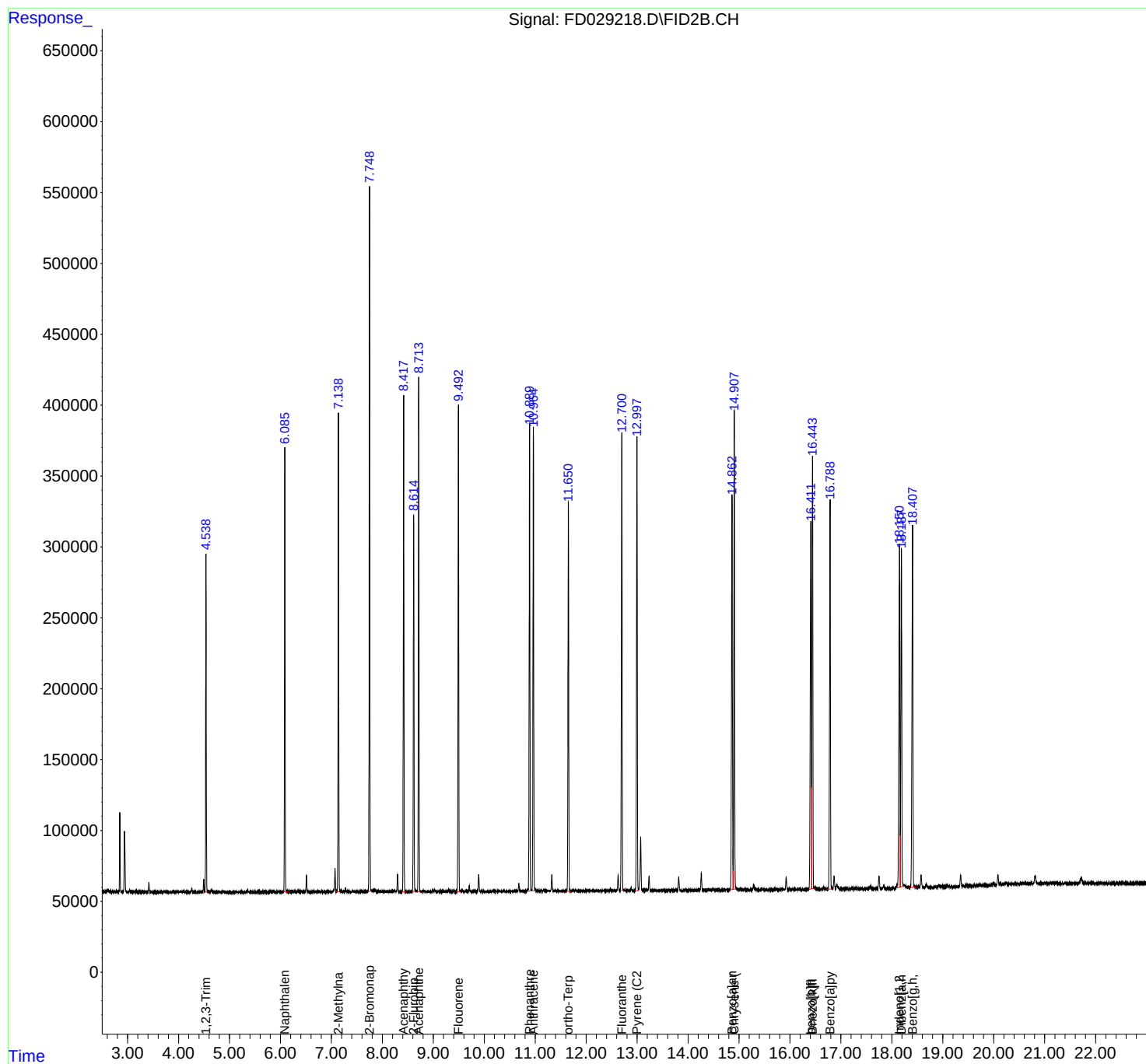
(f)=RT Delta > 1/2 Window

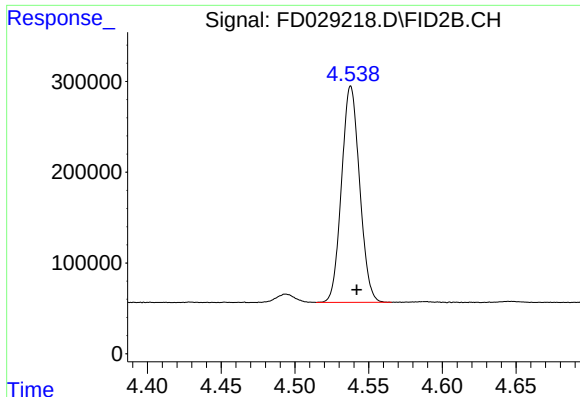
(m)=manual int.

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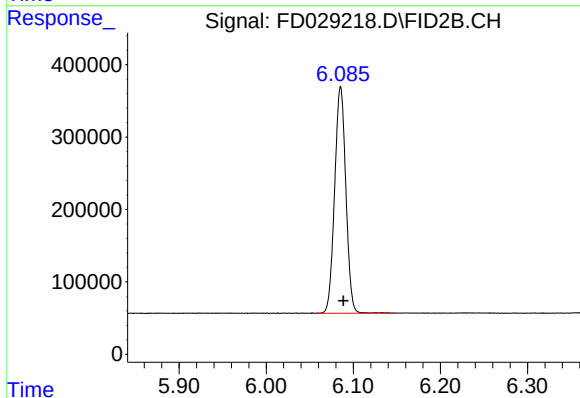
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Signal Info : 20M x 0.18mm x 0.18µm





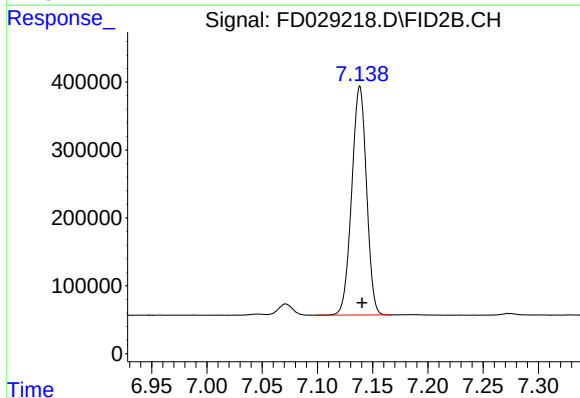
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.538 min
Delta R.T.: -0.004 min
Response: 2031557
Conc: 22.82 ug/ml



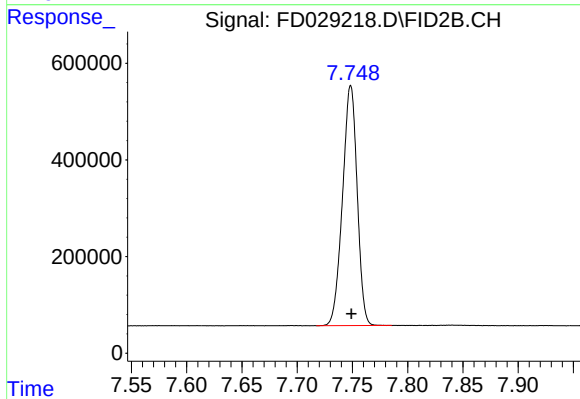
#2 Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 2796944
Conc: 29.92 ug/ml



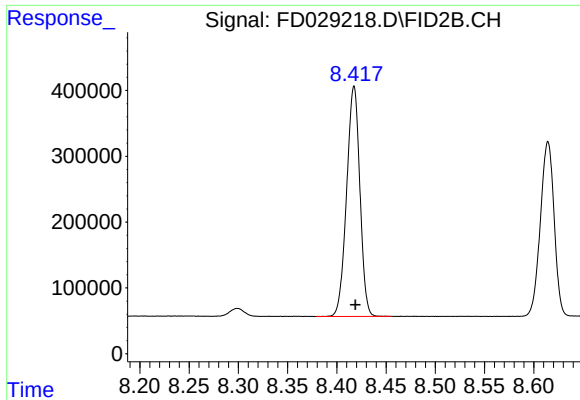
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: -0.002 min
Response: 3144202
Conc: 34.90 ug/ml



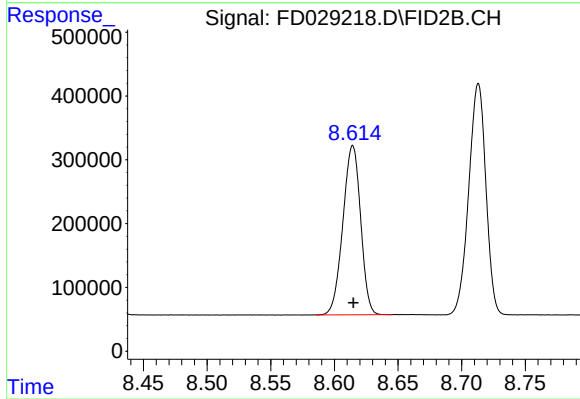
#4 2-Bromonaphthalene (SURR)

R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 4588831
Conc: 57.97 ug/ml



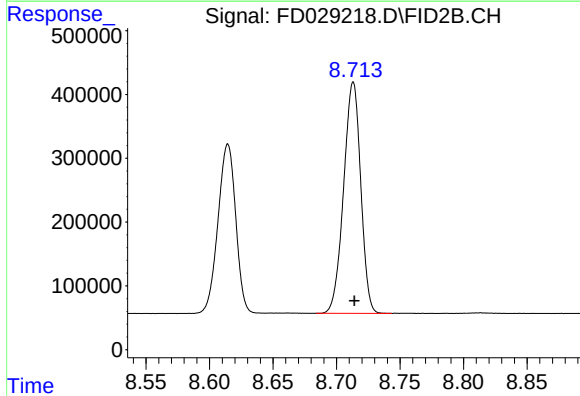
#5 Acenaphthylene (C15.06)

R.T.: 8.417 min
Delta R.T.: -0.001 min
Response: 3278147
Conc: 38.12 ug/ml



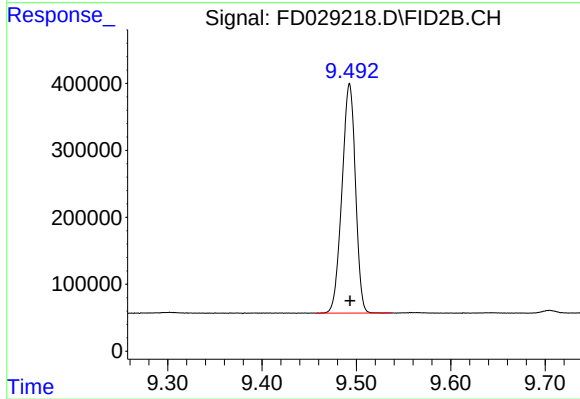
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 2575522
Conc: 47.69 ug/ml



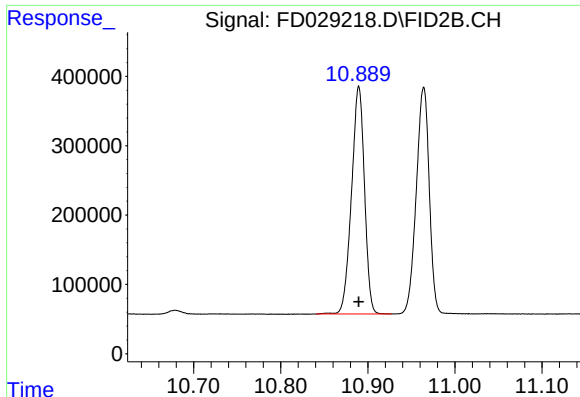
#7 Acenaphthene (C15.5)

R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 3403017
Conc: 38.08 ug/ml



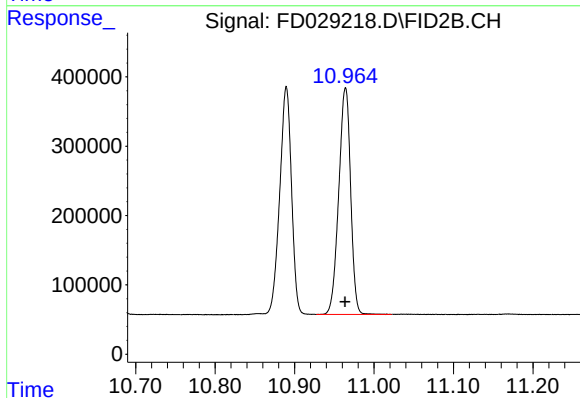
#8 Fluorene (C16.55)

R.T.: 9.493 min
Delta R.T.: 0.000 min
Response: 3406788
Conc: 38.92 ug/ml



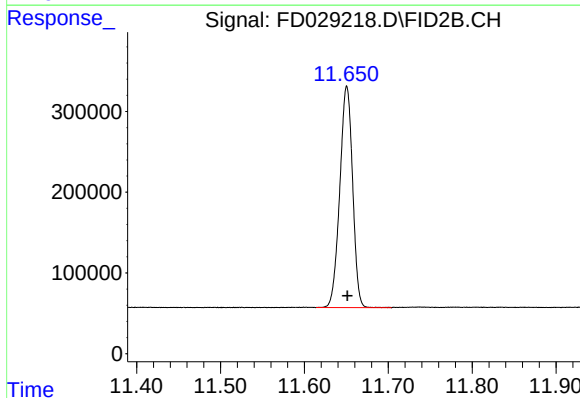
#9 Phenanthrene (C19.36)

R.T.: 10.890 min
Delta R.T.: 0.000 min
Response: 3394874
Conc: 37.90 ug/ml



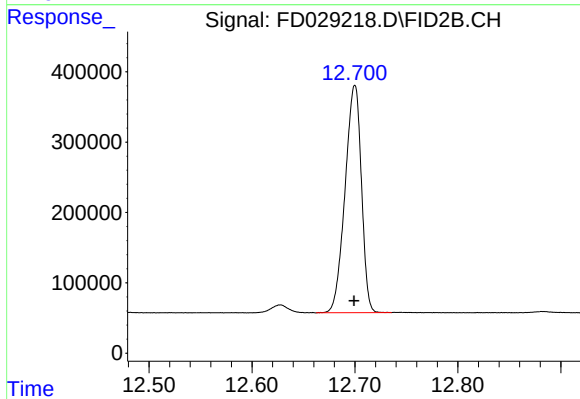
#10 Anthracene (C19.43)

R.T.: 10.964 min
Delta R.T.: 0.000 min
Response: 3392428
Conc: 38.12 ug/ml



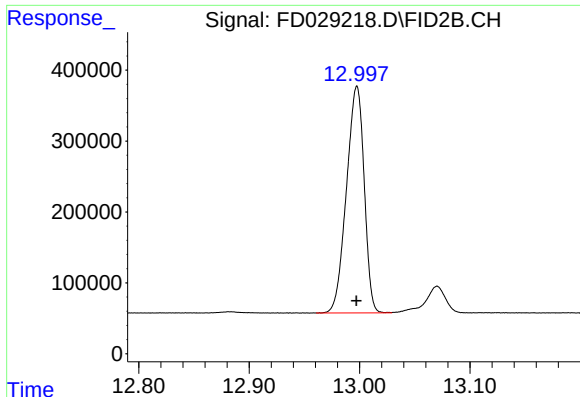
#11 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: 0.000 min
Response: 2911089
Conc: 35.30 ug/ml



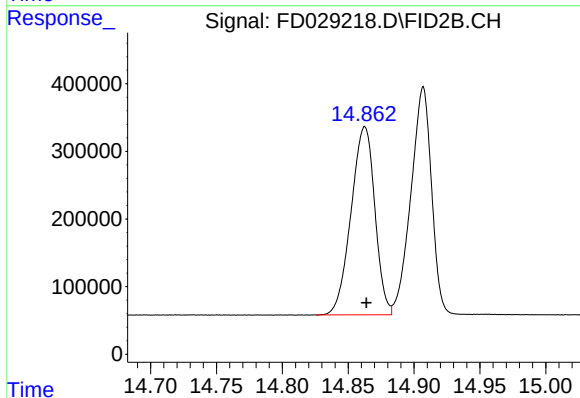
#12 Fluoranthene (C21.85)

R.T.: 12.700 min
Delta R.T.: 0.000 min
Response: 3563476
Conc: 37.12 ug/ml



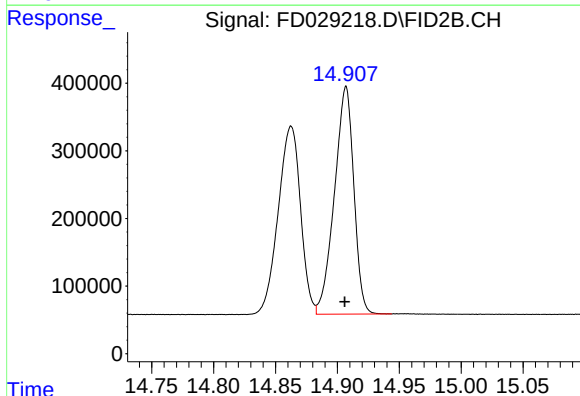
#13 Pyrene (C20.8)

R.T.: 12.998 min
Delta R.T.: 0.000 min
Response: 3566216
Conc: 36.25 ug/ml



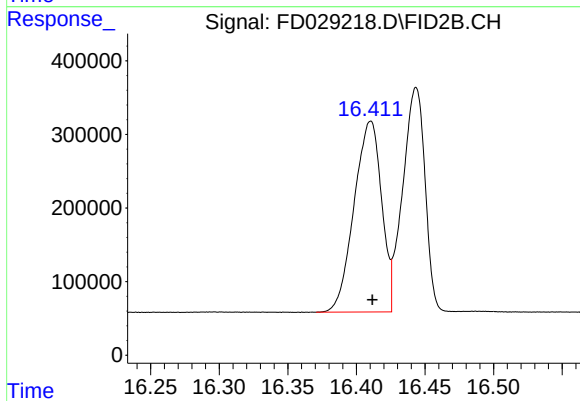
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.863 min
Delta R.T.: -0.001 min
Response: 3496482
Conc: 35.43 ug/ml



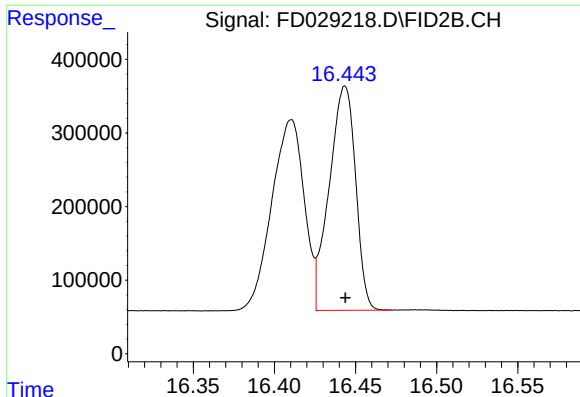
#15 Chrysene (C27.41)

R.T.: 14.907 min
Delta R.T.: 0.001 min
Response: 3667460
Conc: 36.63 ug/ml



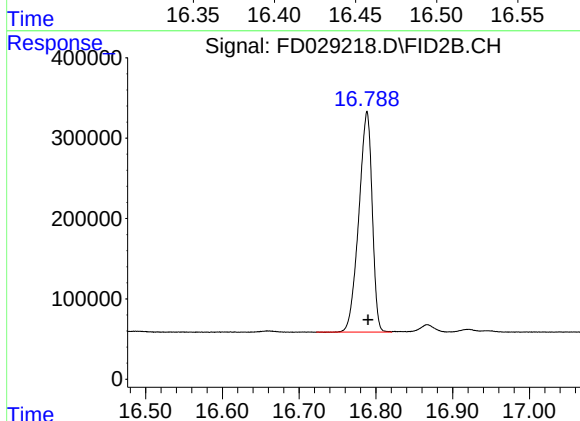
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.410 min
Delta R.T.: -0.001 min
Response: 3615169
Conc: 35.07 ug/ml



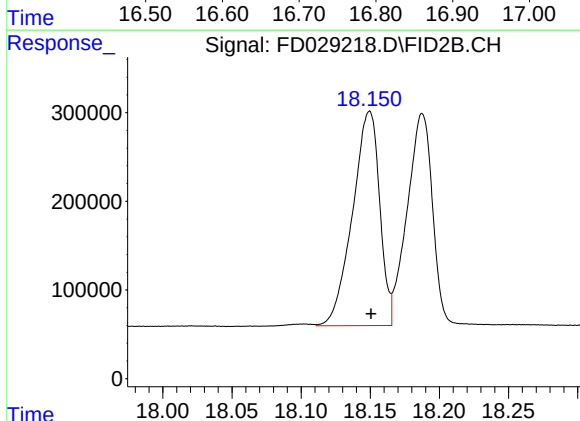
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.444 min
Delta R.T.: 0.000 min
Response: 3446484
Conc: 34.01 ug/ml



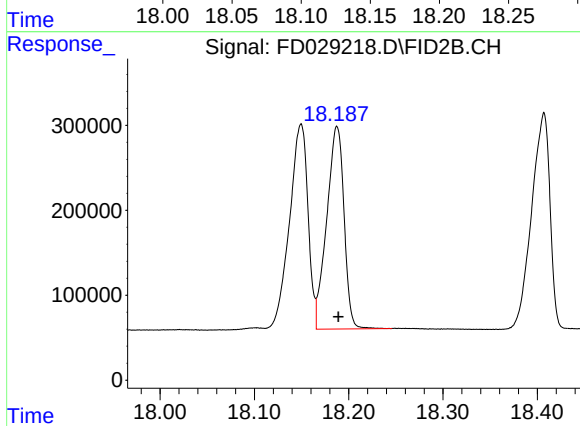
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.788 min
Delta R.T.: -0.001 min
Response: 3328309
Conc: 32.84 ug/ml



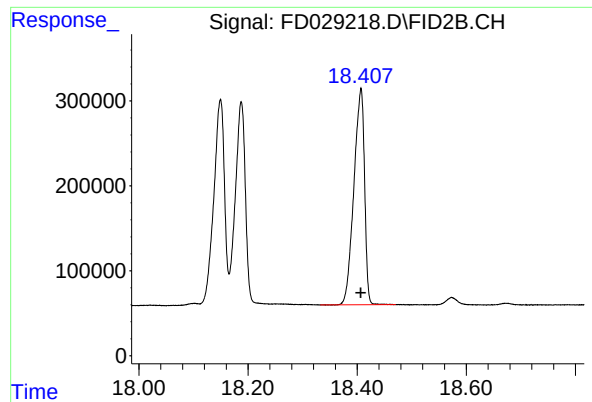
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.150 min
Delta R.T.: -0.001 min
Response: 3299991
Conc: 33.96 ug/ml



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

R.T.: 18.188 min
Delta R.T.: -0.002 min
Response: 3045277
Conc: 33.86 ug/ml



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

R.T.: 18.407 min
Delta R.T.: 0.000 min
Response: 3450998
Conc: 34.12 ug/ml