

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090319AR\
 Data File : FD030478.D
 Signal(s) : FID2B.CH
 Acq On : 04 Sep 2019 6:39
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 11:35:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:34:51 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...	7.622	16436864	99.285 ug/ml
Spiked Amount 50.000		Recovery =	198.57%
6) S 2-Fluorobiphenyl (SURR)	8.485	11129222	98.966 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	197.93%#
11) S ortho-Terphenyl (SURR)	11.519	16977993	97.231 ug/ml
Spiked Amount 50.000		Recovery =	194.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.425	18213889	99.843 ug/ml
2) T Naphthalene (C11.7)	5.962	18892827	99.457 ug/ml
3) T 2-Methylnaphthalene (...)	7.015	18438424	98.599 ug/ml
5) T Acenaphthylene (C15.06)	8.289	17447554	98.013 ug/ml
7) T Acenaphthene (C15.5)	8.588	18186108	98.345 ug/ml
8) T Fluorene (C16.55)	9.366	17875115	98.112 ug/ml
9) T Phenanthrene (C19.36)	10.760	17590522	97.327 ug/ml
10) T Anthracene (C19.43)	10.838	17113030	97.468 ug/ml
12) T Fluoranthene (C21.85)	12.570	17265389	96.950 ug/ml
13) T Pyrene (C20.8)	12.868	17163850	97.353 ug/ml
14) T Benzo[a]anthracene (C...	14.734	15993203	96.703 ug/ml
15) T Chrysene (C27.41)	14.783	15993971	96.079 ug/ml
16) T benzo[b]fluoranthene ...	16.283	15390675	96.996 ug/ml
17) T Bnezo[k]fluoranthene ...	16.325	15073722	95.144 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.666	14881636	95.821 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.030	14847771	103.492 ug/ml
20) T Dibenz[a,h]anthracene...	18.068	13060075	91.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.291	13891279	98.063 ug/ml

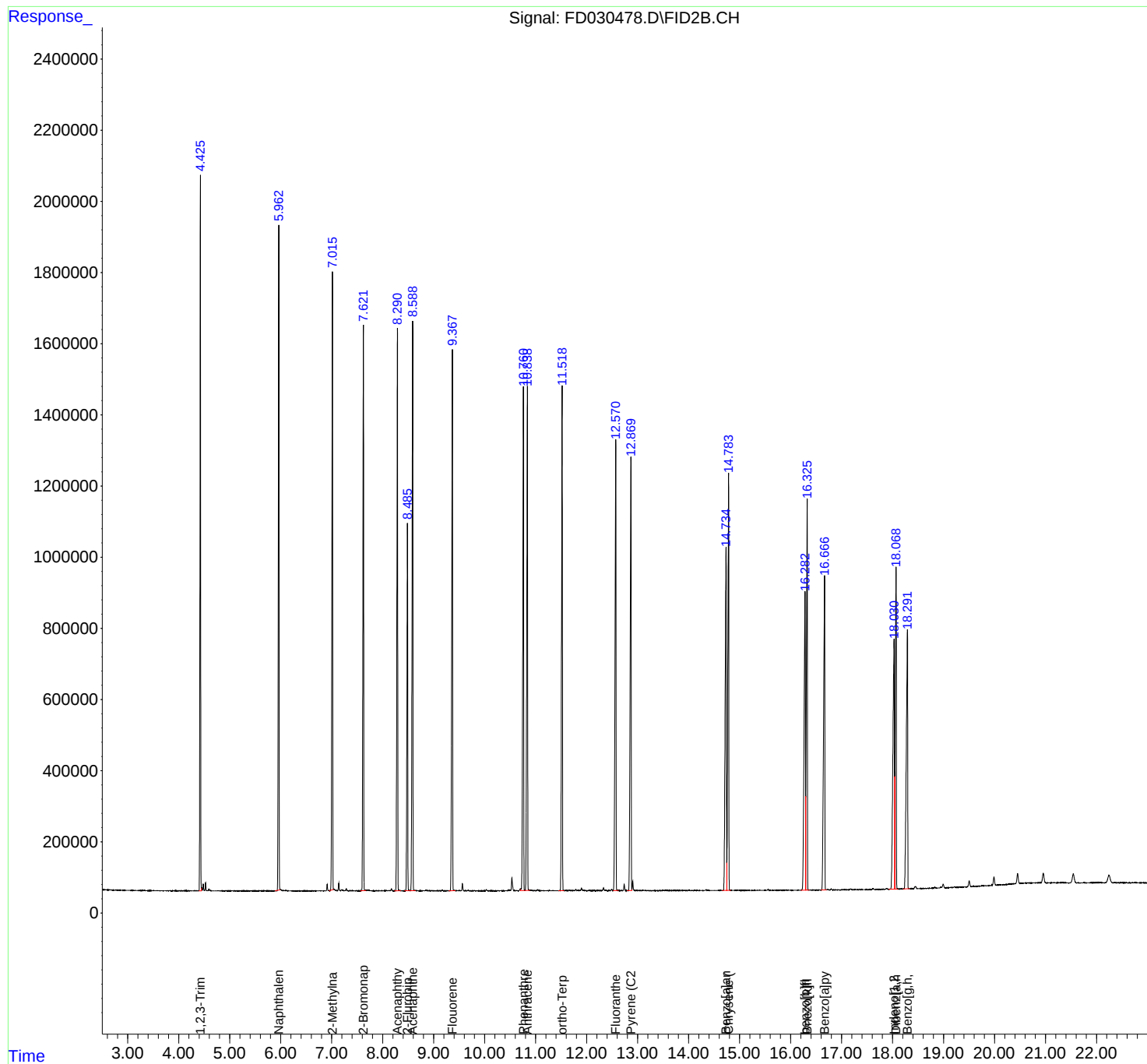
(f)=RT Delta > 1/2 Window

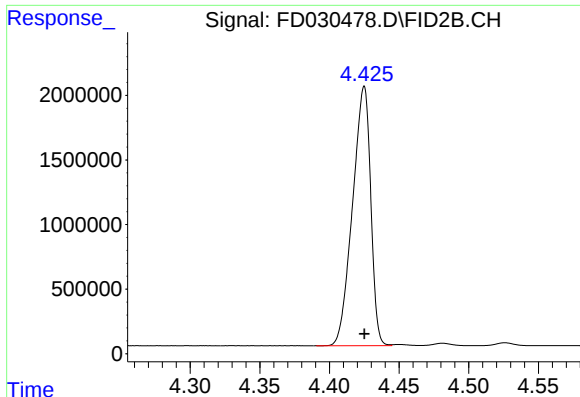
(m)=manual int.

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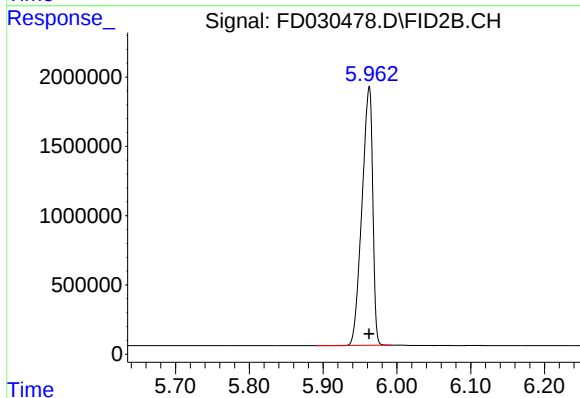
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Signal Info : 20M x 0.18mm x 0.18µm





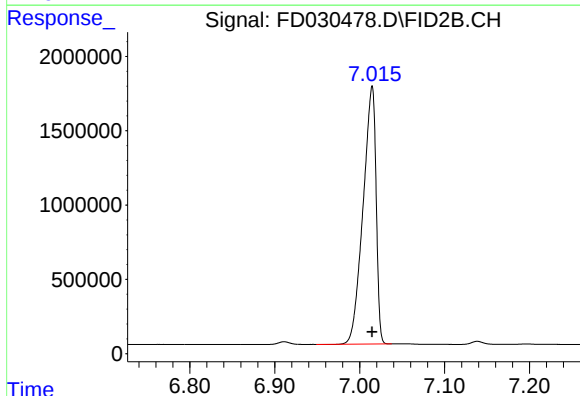
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.425 min
Delta R.T.: 0.000 min
Response: 18213889
Conc: 99.84 ug/ml



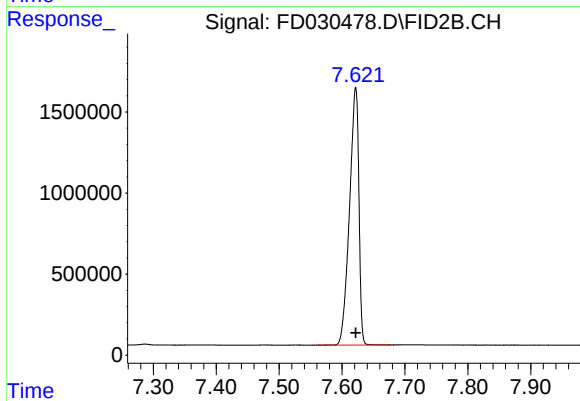
#2 Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 18892827
Conc: 99.46 ug/ml



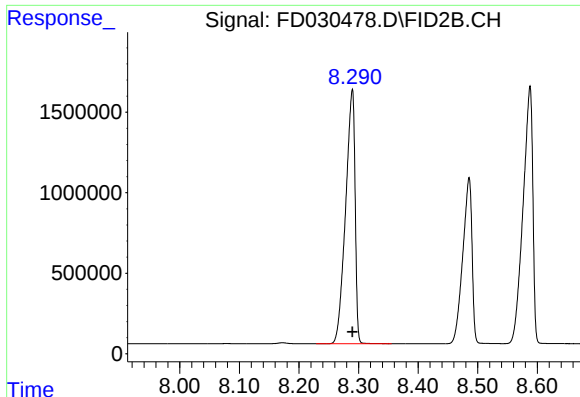
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 18438424
Conc: 98.60 ug/ml



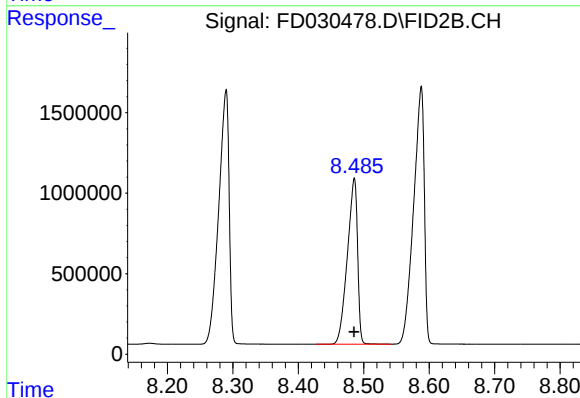
#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: 0.000 min
Response: 16436864
Conc: 99.28 ug/ml



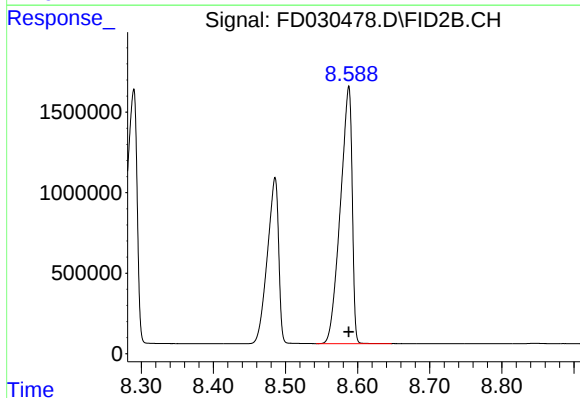
#5 Acenaphthylene (C15.06)

R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 17447554
Conc: 98.01 ug/ml



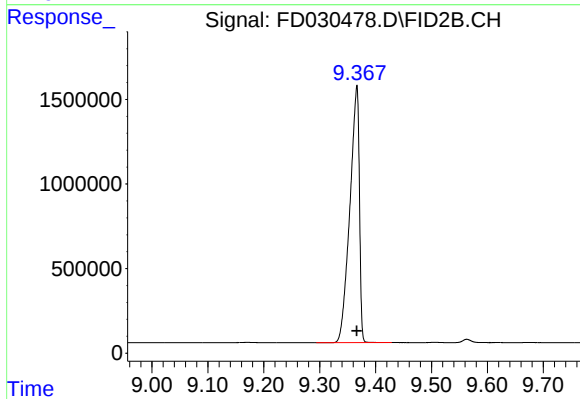
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.485 min
Delta R.T.: 0.000 min
Response: 11129222
Conc: 98.97 ug/ml



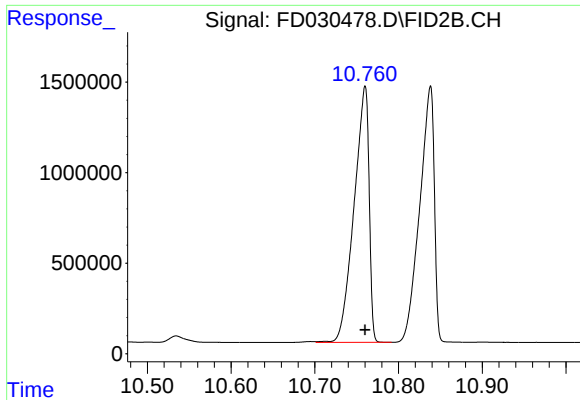
#7 Acenaphthene (C15.5)

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 18186108
Conc: 98.34 ug/ml



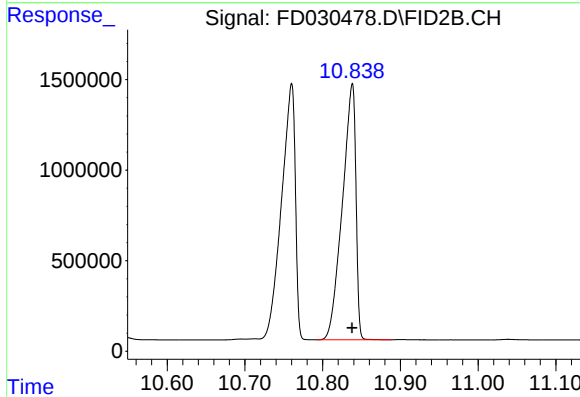
#8 Flouorene (C16.55)

R.T.: 9.366 min
Delta R.T.: 0.000 min
Response: 17875115
Conc: 98.11 ug/ml



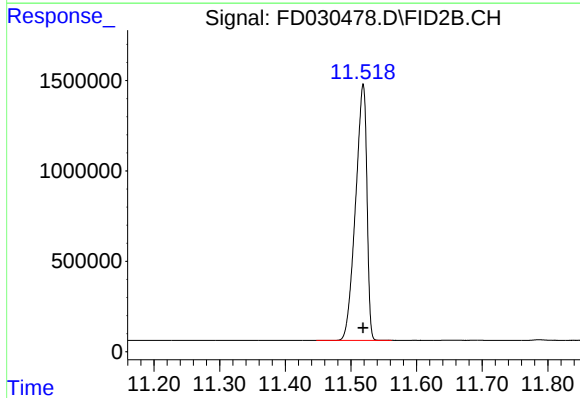
#9 Phenanthrene (C19.36)

R.T.: 10.760 min
Delta R.T.: 0.000 min
Response: 17590522
Conc: 97.33 ug/ml



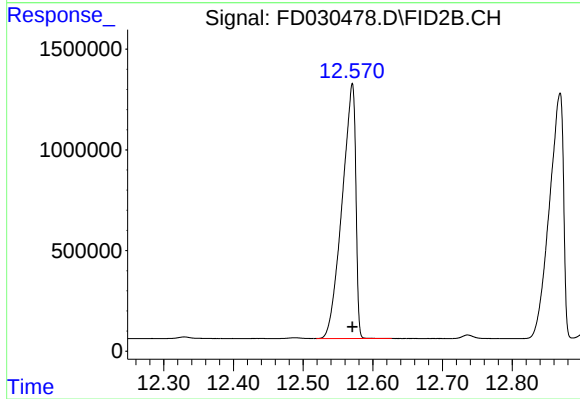
#10 Anthracene (C19.43)

R.T.: 10.838 min
Delta R.T.: 0.000 min
Response: 17113030
Conc: 97.47 ug/ml



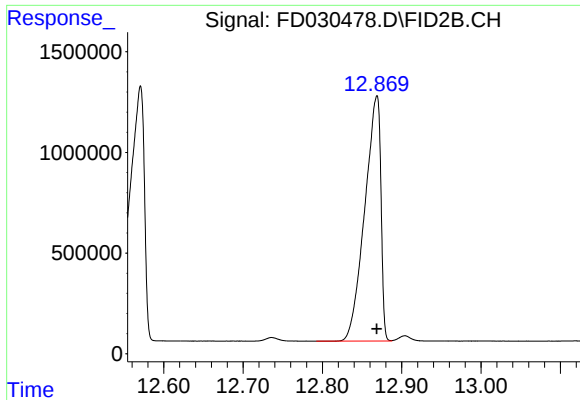
#11 ortho-Terphenyl (SURR)

R.T.: 11.519 min
Delta R.T.: 0.000 min
Response: 16977993
Conc: 97.23 ug/ml



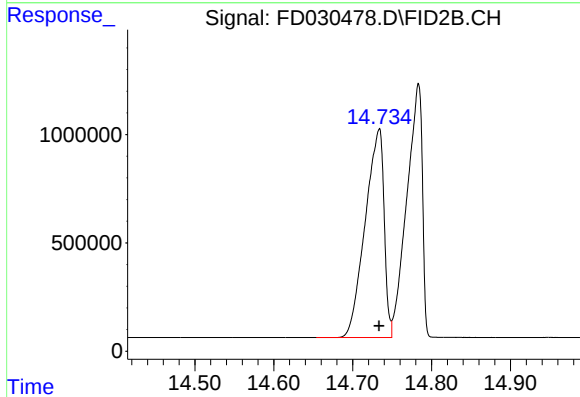
#12 Fluoranthene (C21.85)

R.T.: 12.570 min
Delta R.T.: 0.000 min
Response: 17265389
Conc: 96.95 ug/ml



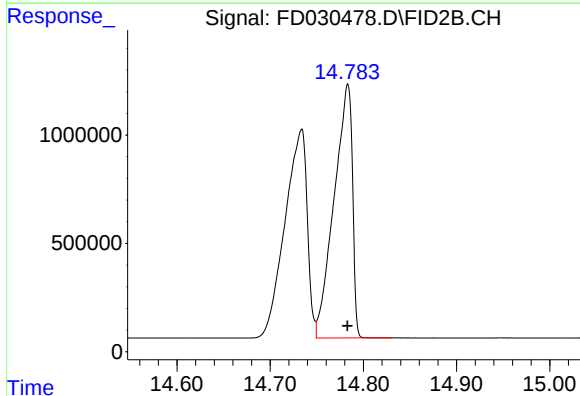
#13 Pyrene (C20.8)

R.T.: 12.868 min
Delta R.T.: 0.000 min
Response: 17163850
Conc: 97.35 ug/ml



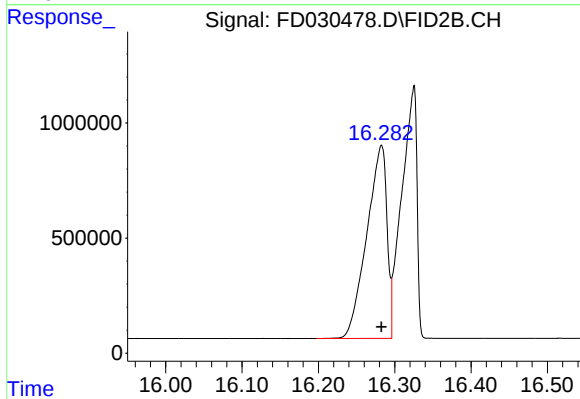
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.734 min
Delta R.T.: 0.000 min
Response: 15993203
Conc: 96.70 ug/ml



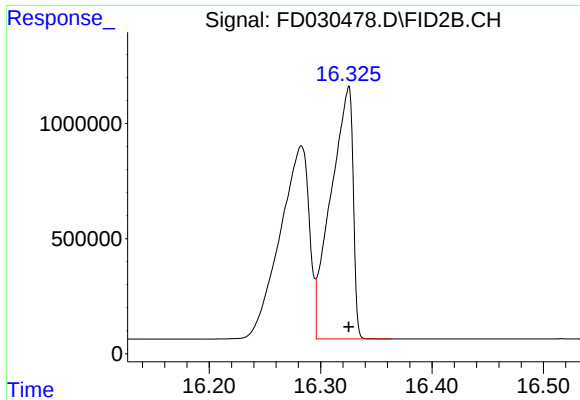
#15 Chrysene (C27.41)

R.T.: 14.783 min
Delta R.T.: 0.000 min
Response: 15993971
Conc: 96.08 ug/ml



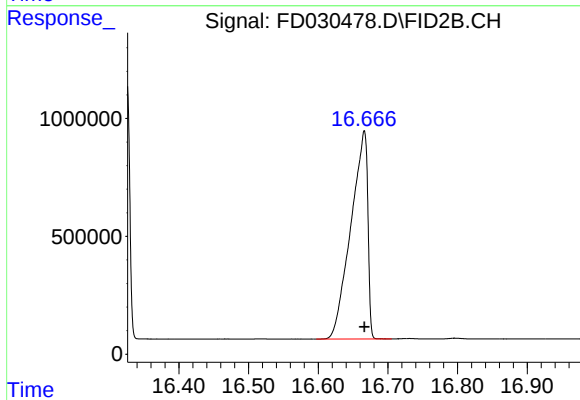
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.283 min
Delta R.T.: 0.000 min
Response: 15390675
Conc: 97.00 ug/ml



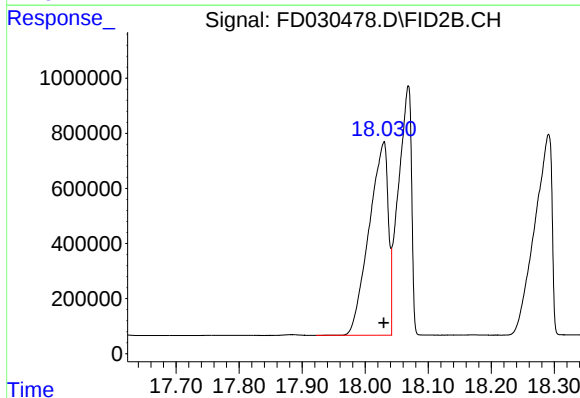
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.325 min
Delta R.T.: 0.000 min
Response: 15073722
Conc: 95.14 ug/ml



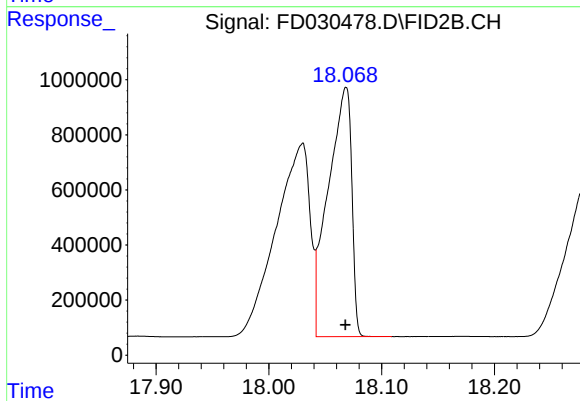
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.666 min
Delta R.T.: 0.000 min
Response: 14881636
Conc: 95.82 ug/ml



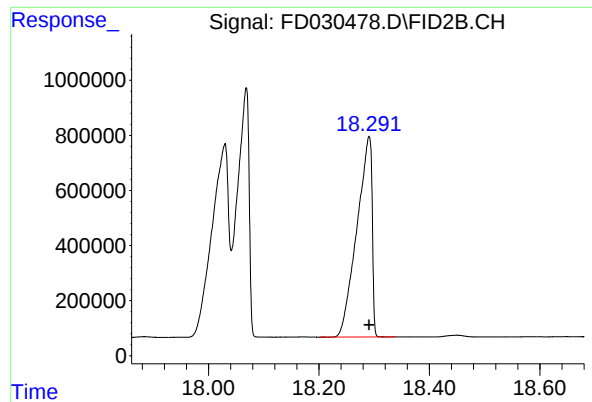
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.030 min
Delta R.T.: 0.000 min
Response: 14847771
Conc: 103.49 ug/ml



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

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 13060075
Conc: 91.00 ug/ml



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

R.T.: 18.291 min
Delta R.T.: 0.000 min
Response: 13891279
Conc: 98.06 ug/ml