

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051719AR\
 Data File : FD029182.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2019 13:48
 Operator : EI\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 18 04:11:17 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	1834215	23.173 ug/ml
Spiked Amount 50.000		Recovery =	46.35%
6) S 2-Fluorobiphenyl (SURR)	8.615	1239769	22.957 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.91%
11) S ortho-Terphenyl (SURR)	11.650	1875815	22.746 ug/ml
Spiked Amount 50.000		Recovery =	45.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	2045814	22.980 ug/ml
2) T Naphthalene (C11.7)	6.087	2157182	23.079 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	2083364	23.124 ug/ml
5) T Acenaphthylene (C15.06)	8.418	1977452	22.997 ug/ml
7) T Acenaphthene (C15.5)	8.713	2063072	23.086 ug/ml
8) T Fluorene (C16.55)	9.492	2011132	22.973 ug/ml
9) T Phenanthrene (C19.36)	10.888	2059471	22.993 ug/ml
10) T Anthracene (C19.43)	10.963	1959446	22.020 ug/ml
12) T Fluoranthene (C21.85)	12.698	2187652	22.790 ug/ml
13) T Pyrene (C20.8)	12.995	2237213	22.740 ug/ml
14) T Benzo[a]anthracene (C...	14.862	2223652	22.531 ug/ml
15) T Chrysene (C27.41)	14.905	2266638	22.637 ug/ml
16) T benzo[b]fluoranthene ...	16.409	2355099	22.847 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	2314573	22.839 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.787	2303904	22.735 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.147	2159057	22.219 ug/ml
20) T Dibenz[a,h]anthracene...	18.187	1978859	22.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.404	2301634	22.759 ug/ml

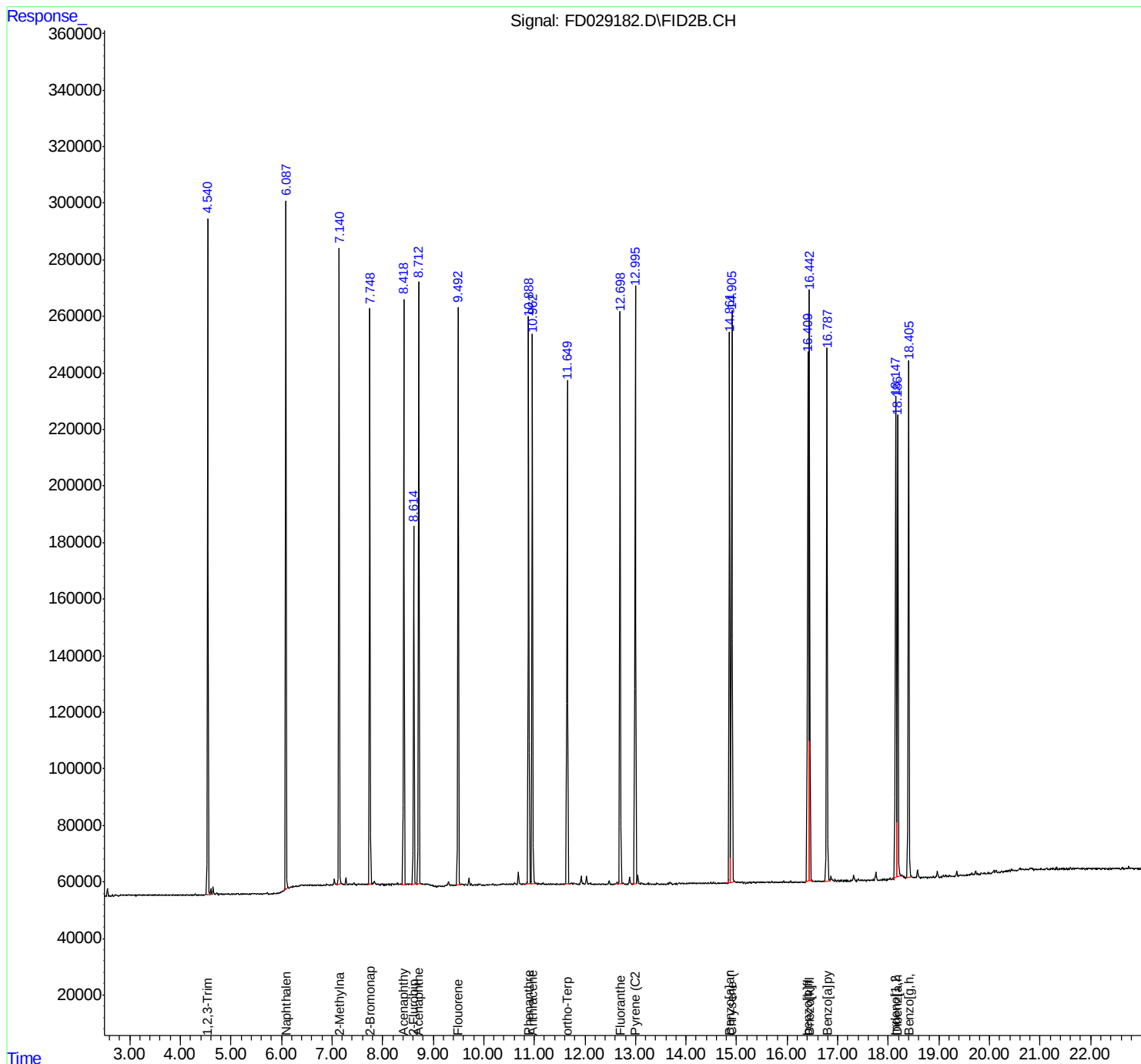
(f)=RT Delta > 1/2 Window

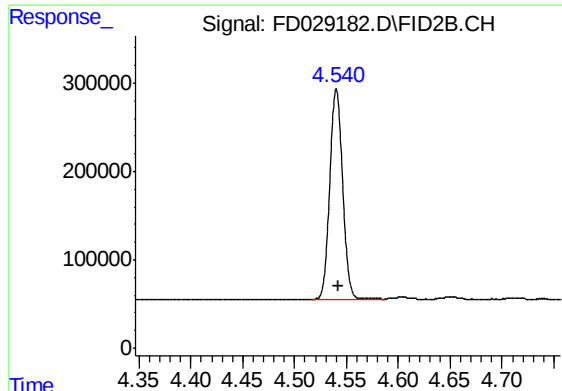
(m)=manual int.

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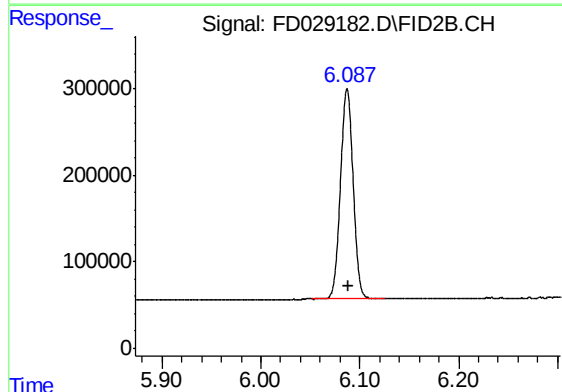
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Signal Info : 20M x 0.18mm x 0.18µm





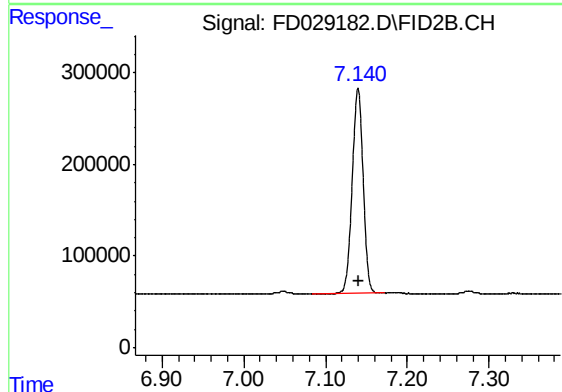
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.540 min
Delta R.T.: -0.002 min
Response: 2045814
Conc: 22.98 ug/ml



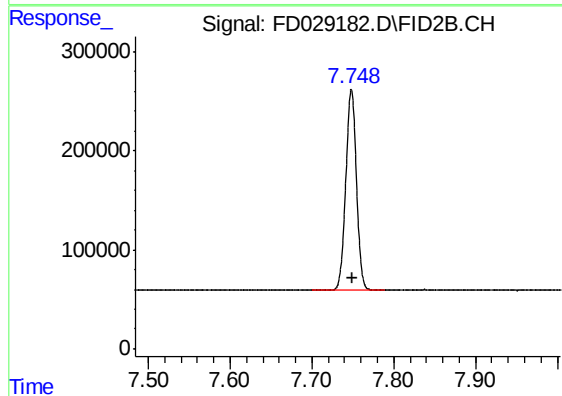
#2 Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 2157182
Conc: 23.08 ug/ml



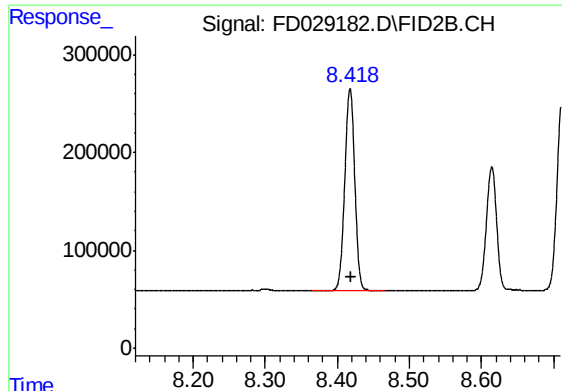
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 2083364
Conc: 23.12 ug/ml



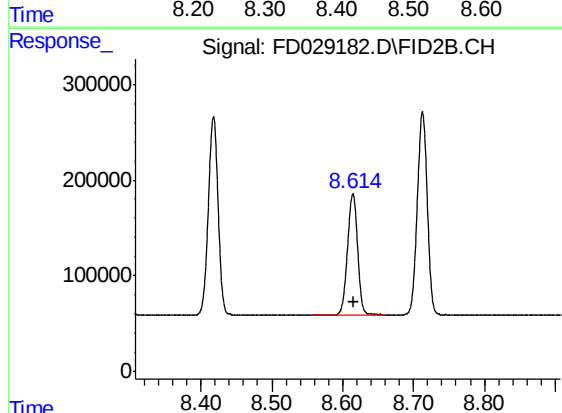
#4 2-Bromonaphthalene (SURR)

R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 1834215
Conc: 23.17 ug/ml



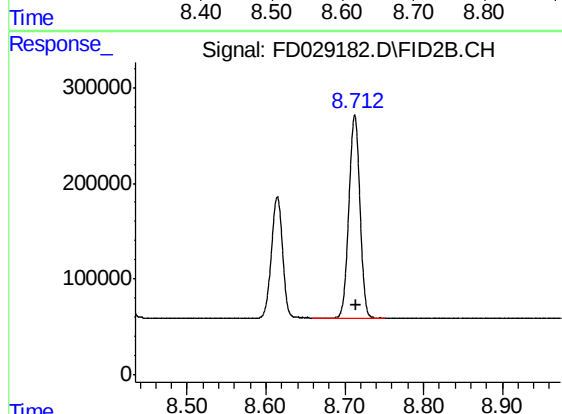
#5 Acenaphthylene (C15.06)

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 1977452
Conc: 23.00 ug/ml



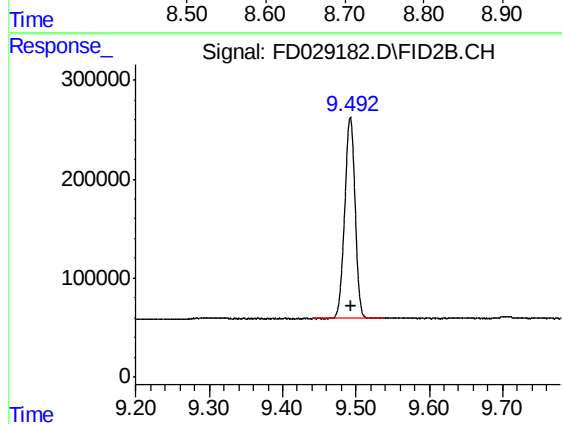
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 1239769
Conc: 22.96 ug/ml



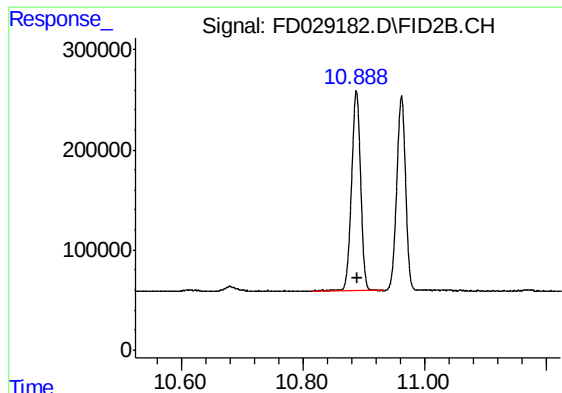
#7 Acenaphthene (C15.5)

R.T.: 8.713 min
Delta R.T.: -0.001 min
Response: 2063072
Conc: 23.09 ug/ml



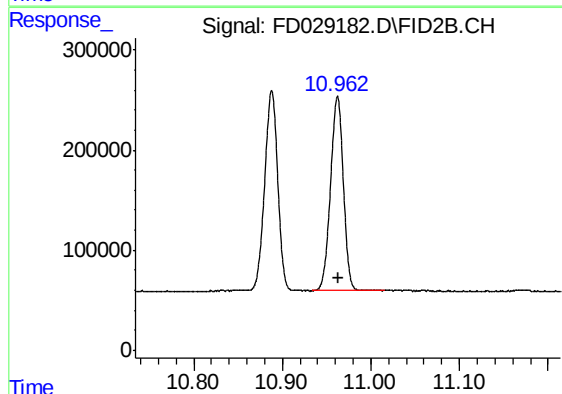
#8 Fluorene (C16.55)

R.T.: 9.492 min
Delta R.T.: 0.000 min
Response: 2011132
Conc: 22.97 ug/ml



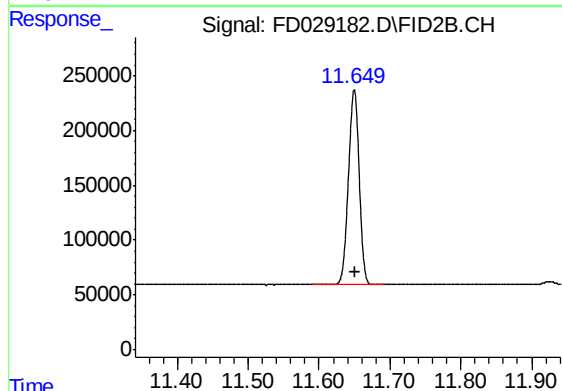
#9 Phenanthrene (C19.36)

R.T.: 10.888 min
Delta R.T.: -0.001 min
Response: 2059471
Conc: 22.99 ug/ml



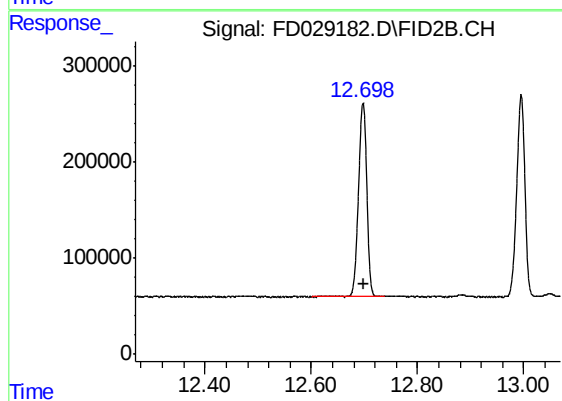
#10 Anthracene (C19.43)

R.T.: 10.963 min
Delta R.T.: 0.000 min
Response: 1959446
Conc: 22.02 ug/ml



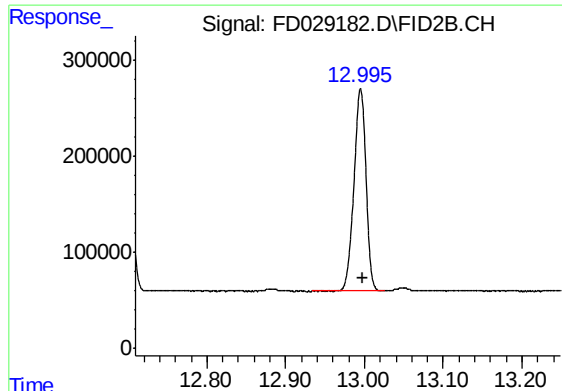
#11 ortho-Terphenyl (SURR)

R.T.: 11.650 min
Delta R.T.: -0.001 min
Response: 1875815
Conc: 22.75 ug/ml



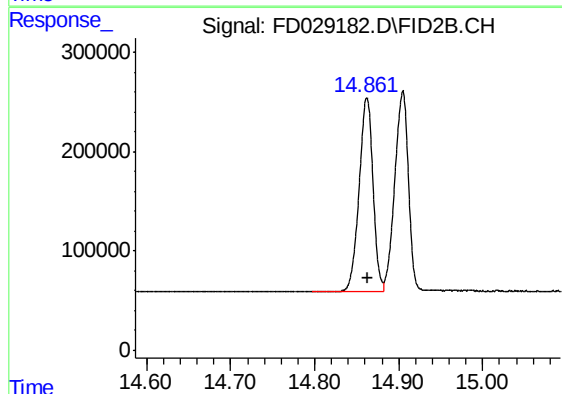
#12 Fluoranthene (C21.85)

R.T.: 12.698 min
Delta R.T.: -0.002 min
Response: 2187652
Conc: 22.79 ug/ml



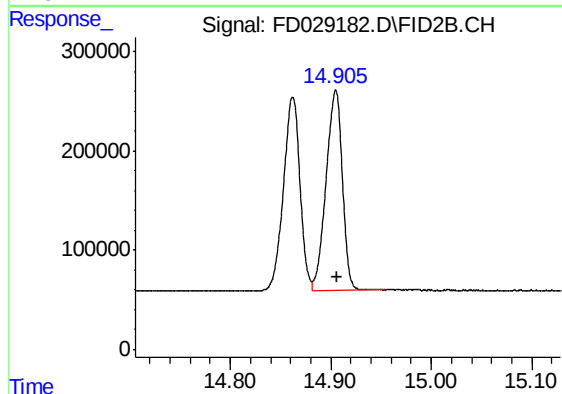
#13 Pyrene (C20.8)

R.T.: 12.995 min
Delta R.T.: -0.002 min
Response: 2237213
Conc: 22.74 ug/ml



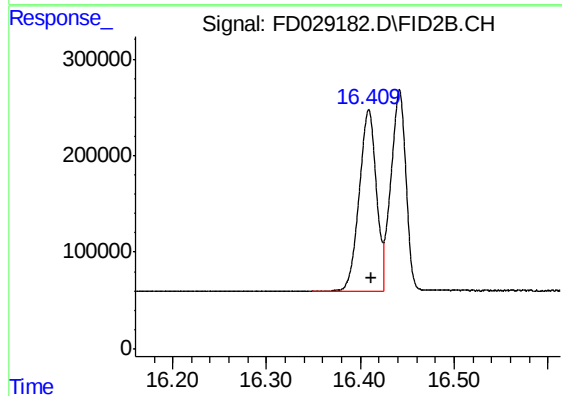
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.862 min
Delta R.T.: -0.002 min
Response: 2223652
Conc: 22.53 ug/ml



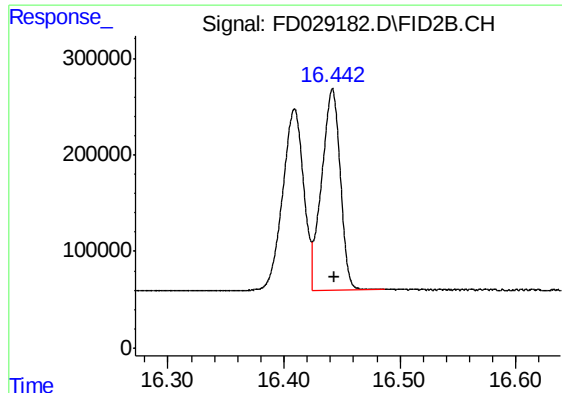
#15 Chrysene (C27.41)

R.T.: 14.905 min
Delta R.T.: 0.000 min
Response: 2266638
Conc: 22.64 ug/ml



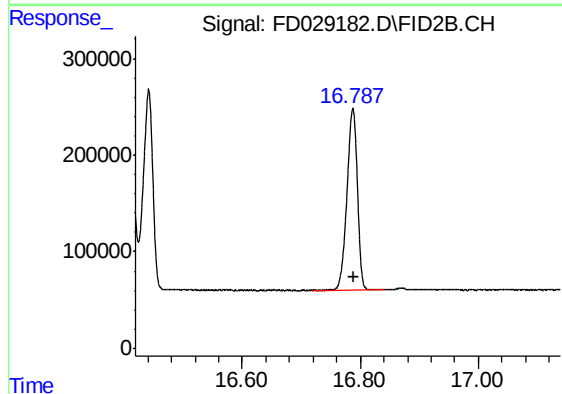
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.409 min
Delta R.T.: -0.002 min
Response: 2355099
Conc: 22.85 ug/ml



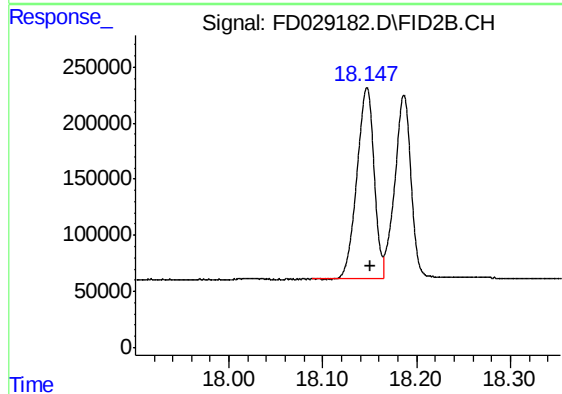
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.442 min
Delta R.T.: -0.002 min
Response: 2314573
Conc: 22.84 ug/ml



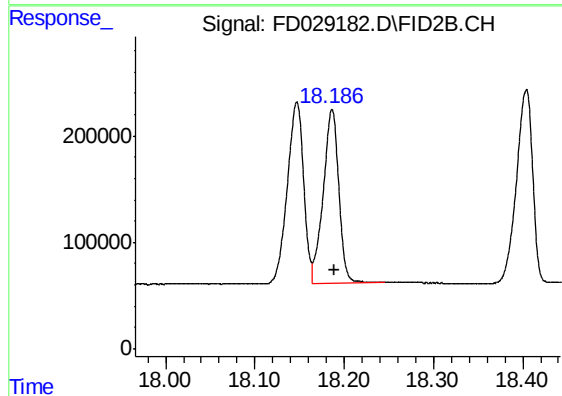
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.787 min
Delta R.T.: -0.002 min
Response: 2303904
Conc: 22.74 ug/ml



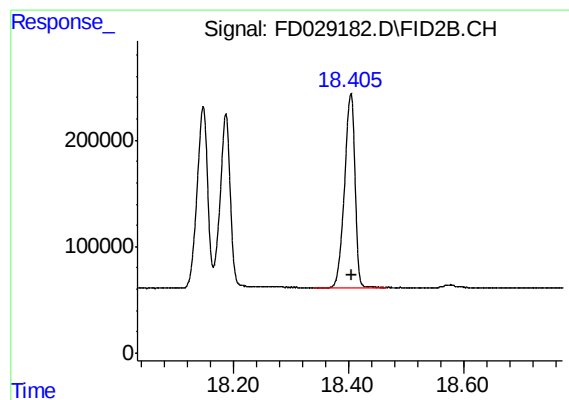
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.147 min
Delta R.T.: -0.003 min
Response: 2159057
Conc: 22.22 ug/ml



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

R.T.: 18.187 min
Delta R.T.: -0.003 min
Response: 1978859
Conc: 22.00 ug/ml



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

R.T.: 18.404 min
Delta R.T.: -0.002 min
Response: 2301634
Conc: 22.76 ug/ml