

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061019AR\
 Data File : FD029385.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jun 2019 21:49
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 11 01:24:10 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...	7.740	1730946	21.868 ug/ml
Spiked Amount 50.000		Recovery =	43.74%
6) S 2-Fluorobiphenyl (SURR)	8.605	1217414	22.544 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.09%
11) S ortho-Terphenyl (SURR)	11.641	1938753	23.509 ug/ml
Spiked Amount 50.000		Recovery =	47.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.534	1905624	21.405 ug/ml
2) T Naphthalene (C11.7)	6.079	2012318	21.529 ug/ml
3) T 2-Methylnaphthalene (...)	7.132	1958160	21.734 ug/ml
5) T Acenaphthylene (C15.06)	8.409	1910328	22.216 ug/ml
7) T Acenaphthene (C15.5)	8.704	1999369	22.373 ug/ml
8) T Fluorene (C16.55)	9.483	1995047	22.789 ug/ml
9) T Phenanthrene (C19.36)	10.879	2124439	23.718 ug/ml
10) T Anthracene (C19.43)	10.952	1940053	21.802 ug/ml
12) T Fluoranthene (C21.85)	12.688	2285842	23.813 ug/ml
13) T Pyrene (C20.8)	12.986	2334395	23.727 ug/ml
14) T Benzo[a]anthracene (C...	14.851	2121922	21.500 ug/ml
15) T Chrysene (C27.41)	14.894	2212509	22.096 ug/ml
16) T benzo[b]fluoranthene ...	16.397	2169204	21.043 ug/ml
17) T Bnezo[k]fluoranthene ...	16.430	2133158	21.049 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.775	2015830	19.892 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	1563882	16.094 ug/ml
20) T Dibenz[a,h]anthracene...	18.172	1547872	17.208 ug/ml
21) T Benzo[g,h,i]perylene ...	18.388	1743901	17.244 ug/ml

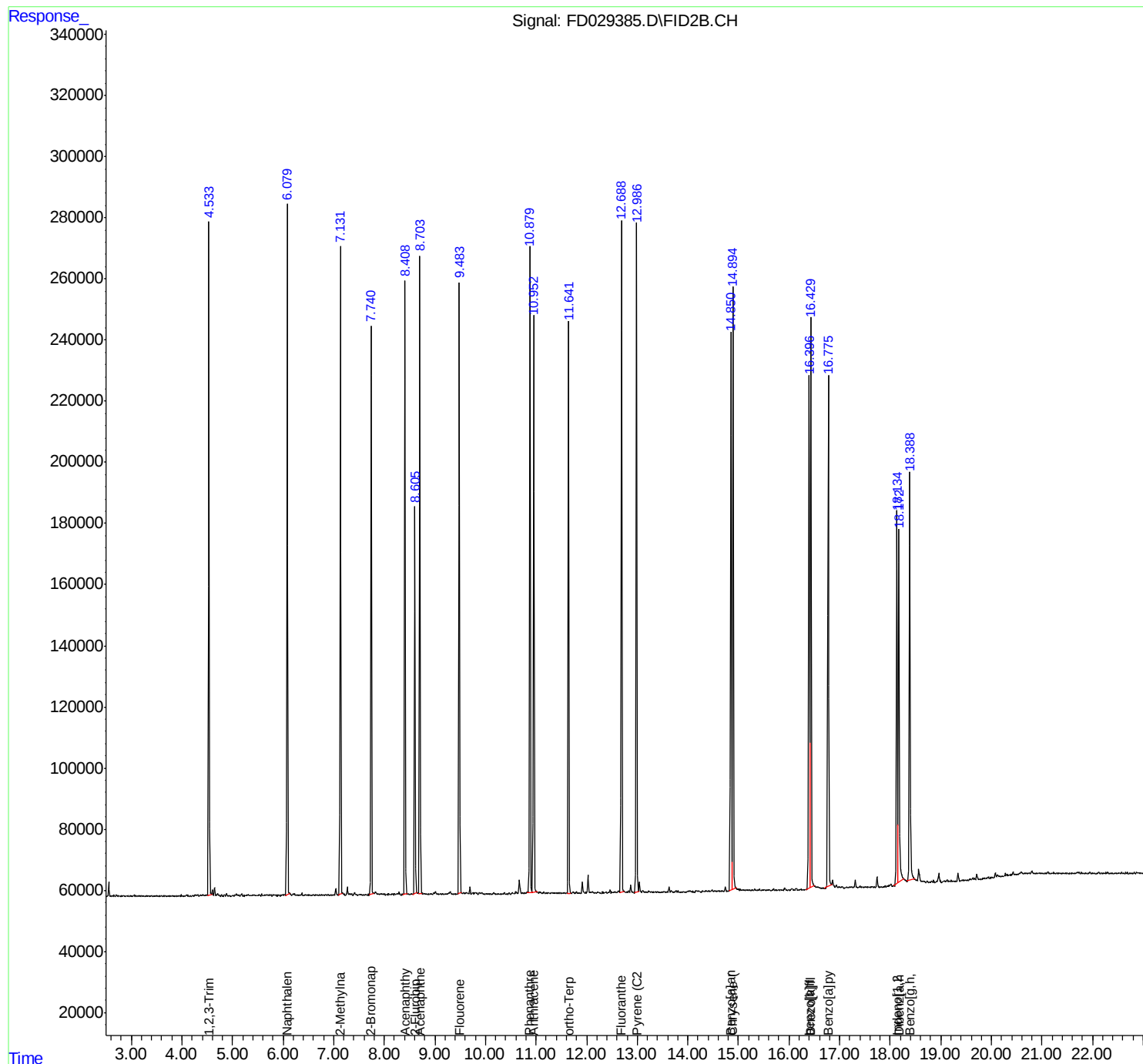
(f)=RT Delta > 1/2 Window

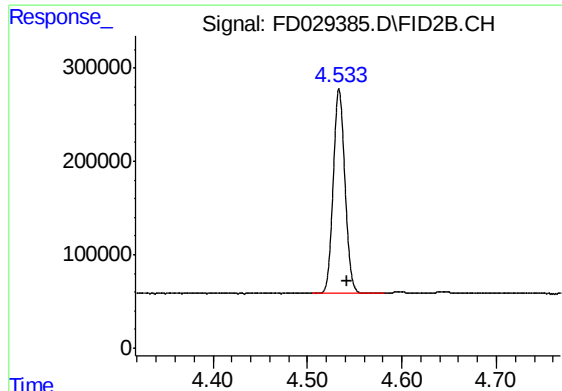
(m)=manual int.

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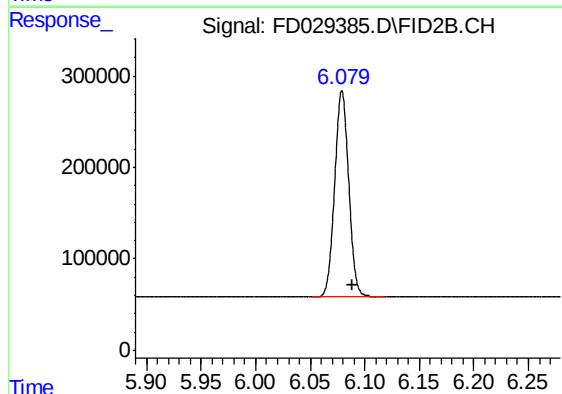
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Signal Info : 20M x 0.18mm x 0.18µm





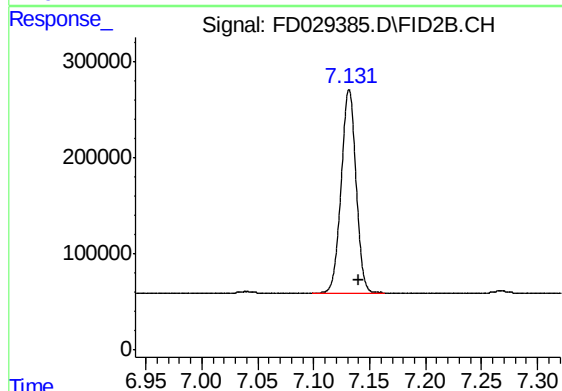
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.534 min
Delta R.T.: -0.008 min
Response: 1905624
Conc: 21.41 ug/ml



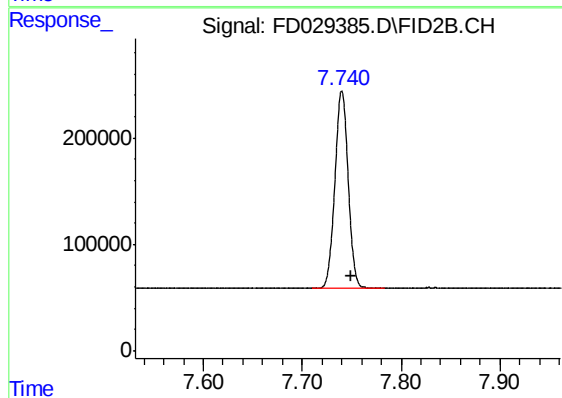
#2 Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.010 min
Response: 2012318
Conc: 21.53 ug/ml



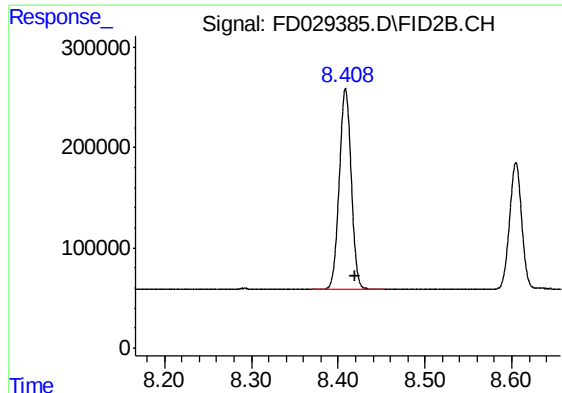
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.132 min
Delta R.T.: -0.009 min
Response: 1958160
Conc: 21.73 ug/ml



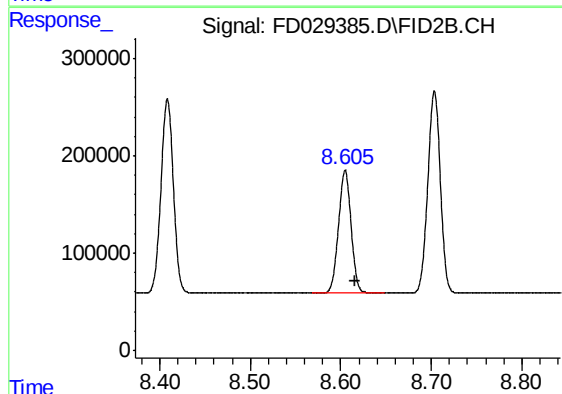
#4 2-Bromonaphthalene (SURR)

R.T.: 7.740 min
Delta R.T.: -0.009 min
Response: 1730946
Conc: 21.87 ug/ml



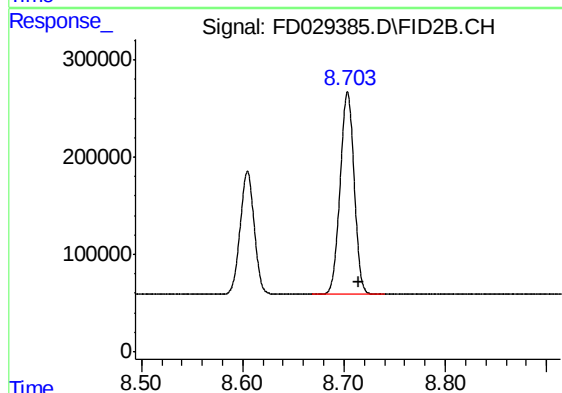
#5 Acenaphthylene (C15.06)

R.T.: 8.409 min
Delta R.T.: -0.010 min
Response: 1910328
Conc: 22.22 ug/ml



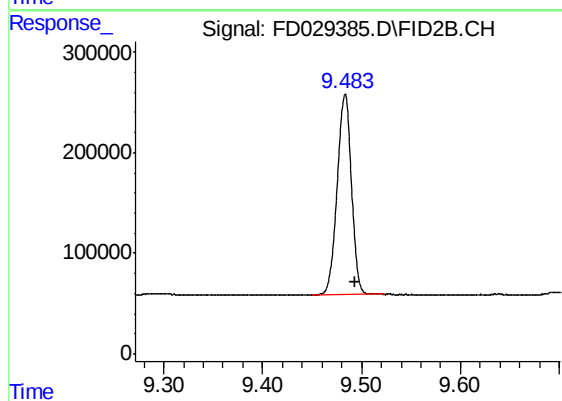
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: -0.010 min
Response: 1217414
Conc: 22.54 ug/ml



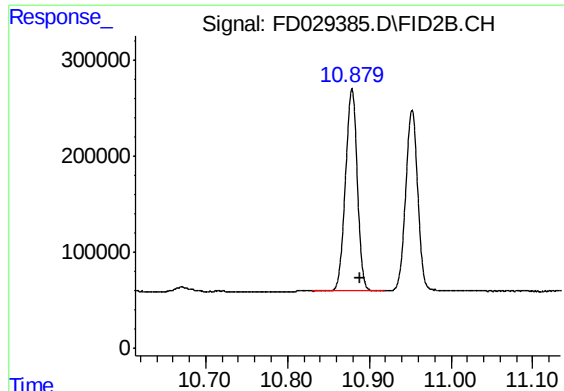
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: -0.010 min
Response: 1999369
Conc: 22.37 ug/ml



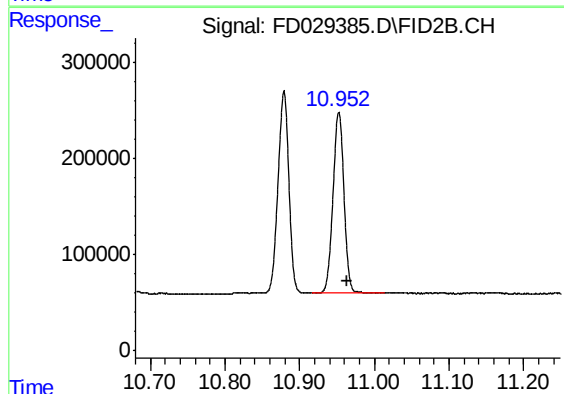
#8 Flouorene (C16.55)

R.T.: 9.483 min
Delta R.T.: -0.010 min
Response: 1995047
Conc: 22.79 ug/ml



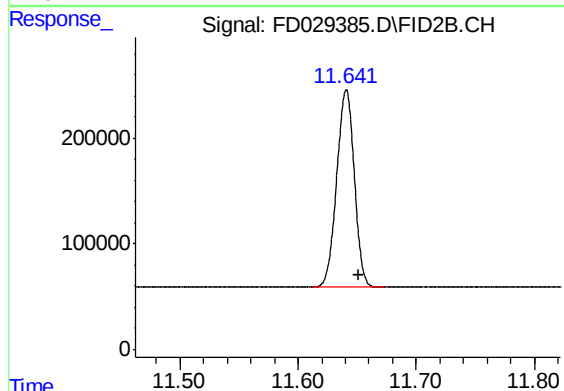
#9 Phenanthrene (C19.36)

R.T.: 10.879 min
Delta R.T.: -0.010 min
Response: 2124439
Conc: 23.72 ug/ml



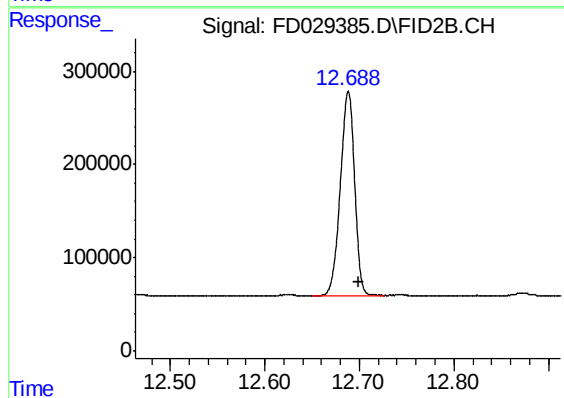
#10 Anthracene (C19.43)

R.T.: 10.952 min
Delta R.T.: -0.011 min
Response: 1940053
Conc: 21.80 ug/ml



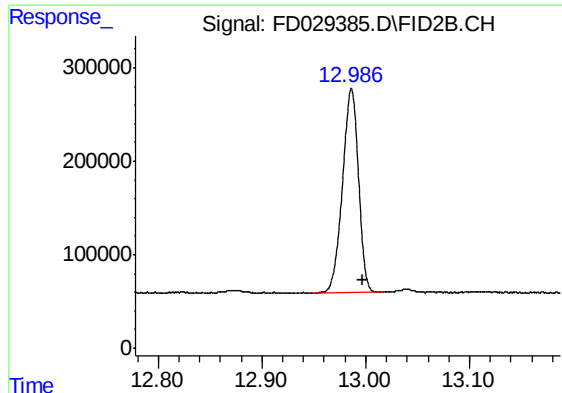
#11 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: -0.010 min
Response: 1938753
Conc: 23.51 ug/ml



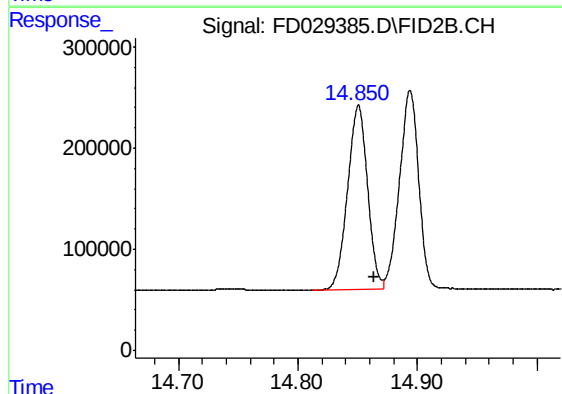
#12 Fluoranthene (C21.85)

R.T.: 12.688 min
Delta R.T.: -0.011 min
Response: 2285842
Conc: 23.81 ug/ml



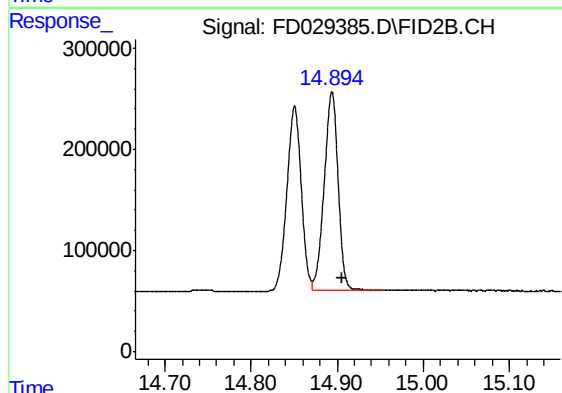
#13 Pyrene (C20.8)

R.T.: 12.986 min
Delta R.T.: -0.011 min
Response: 2334395
Conc: 23.73 ug/ml



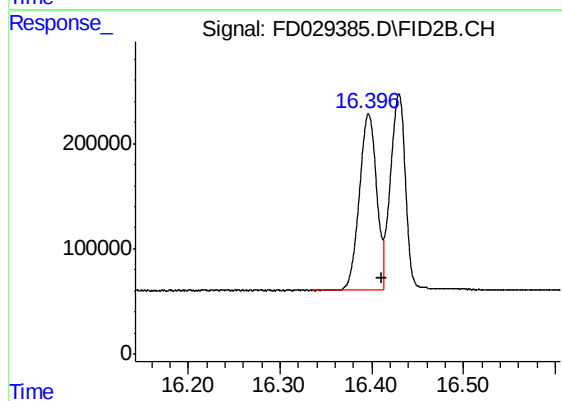
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.851 min
Delta R.T.: -0.013 min
Response: 2121922
Conc: 21.50 ug/ml



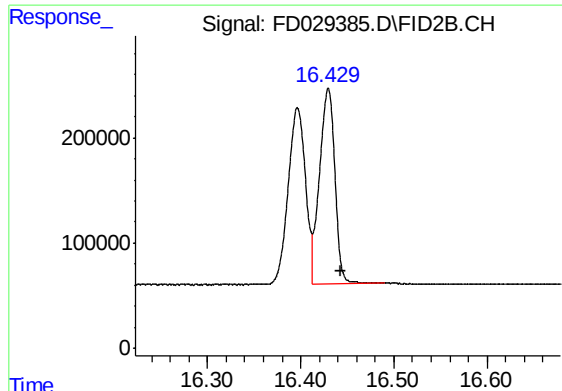
#15 Chrysene (C27.41)

R.T.: 14.894 min
Delta R.T.: -0.012 min
Response: 2212509
Conc: 22.10 ug/ml



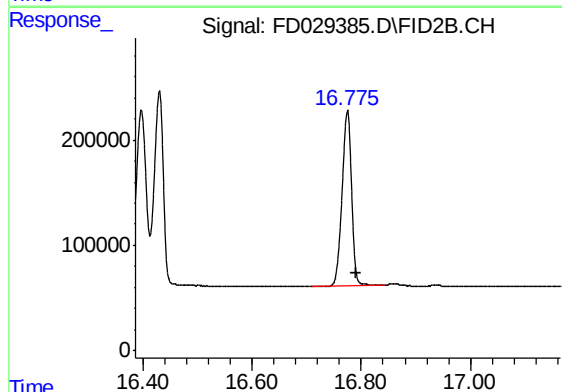
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.397 min
Delta R.T.: -0.015 min
Response: 2169204
Conc: 21.04 ug/ml



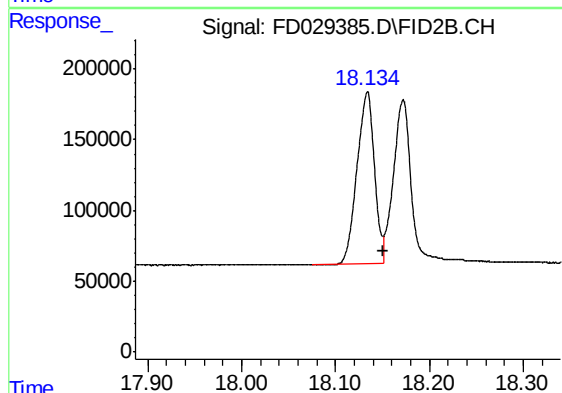
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.430 min
Delta R.T.: -0.014 min
Response: 2133158
Conc: 21.05 ug/ml



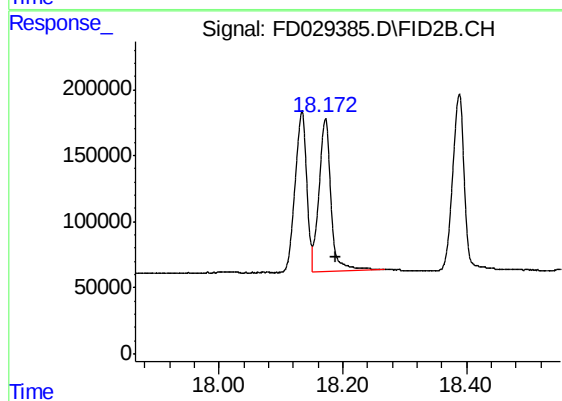
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.775 min
Delta R.T.: -0.015 min
Response: 2015830
Conc: 19.89 ug/ml



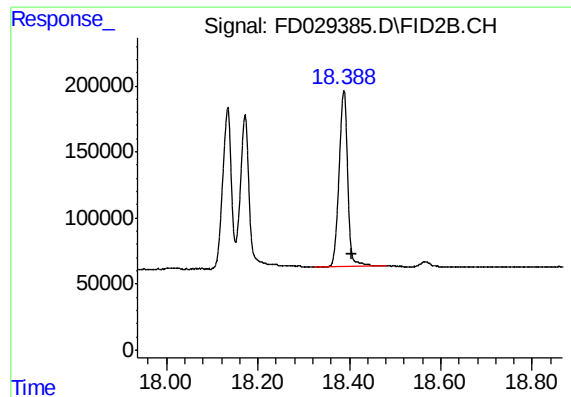
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: -0.016 min
Response: 1563882
Conc: 16.09 ug/ml



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

R.T.: 18.172 min
Delta R.T.: -0.017 min
Response: 1547872
Conc: 17.21 ug/ml



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

R.T.: 18.388 min
Delta R.T.: -0.018 min
Response: 1743901
Conc: 17.24 ug/ml