

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060319AR\
 Data File : FD029350.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jun 2019 12:25
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 04 13:09:13 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...	7.739	1489637	18.820 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
6) S 2-Fluorobiphenyl (SURR)	8.604	1054739	19.531 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.06%
11) S ortho-Terphenyl (SURR)	11.641	1665372	20.194 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.534	1630228	18.312 ug/ml
2) T Naphthalene (C11.7)	6.079	1731668	18.526 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	1691289	18.772 ug/ml
5) T Acenaphthylene (C15.06)	8.408	1660184	19.307 ug/ml
7) T Acenaphthene (C15.5)	8.703	1733025	19.393 ug/ml
8) T Flouorene (C16.55)	9.482	1730343	19.765 ug/ml
9) T Phenanthrene (C19.36)	10.879	1816200	20.277 ug/ml
10) T Anthracene (C19.43)	10.952	1770011	19.891 ug/ml
12) T Fluoranthene (C21.85)	12.688	1941744	20.228 ug/ml
13) T Pyrene (C20.8)	12.986	1984251	20.168 ug/ml
14) T Benzo[a]anthracene (C...	14.851	1891794	19.168 ug/ml
15) T Chrysene (C27.41)	14.893	1932190	19.297 ug/ml
16) T benzo[b]fluoranthene ...	16.397	1981505	19.222 ug/ml
17) T Bnezo[k]fluoranthene ...	16.429	1942830	19.171 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.775	1925254	18.999 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	1750079	18.010 ug/ml
20) T Dibenz[a,h]anthracene...	18.173	1665645	18.518 ug/ml
21) T Benzo[g,h,i]perylene ...	18.389	1862411	18.416 ug/ml

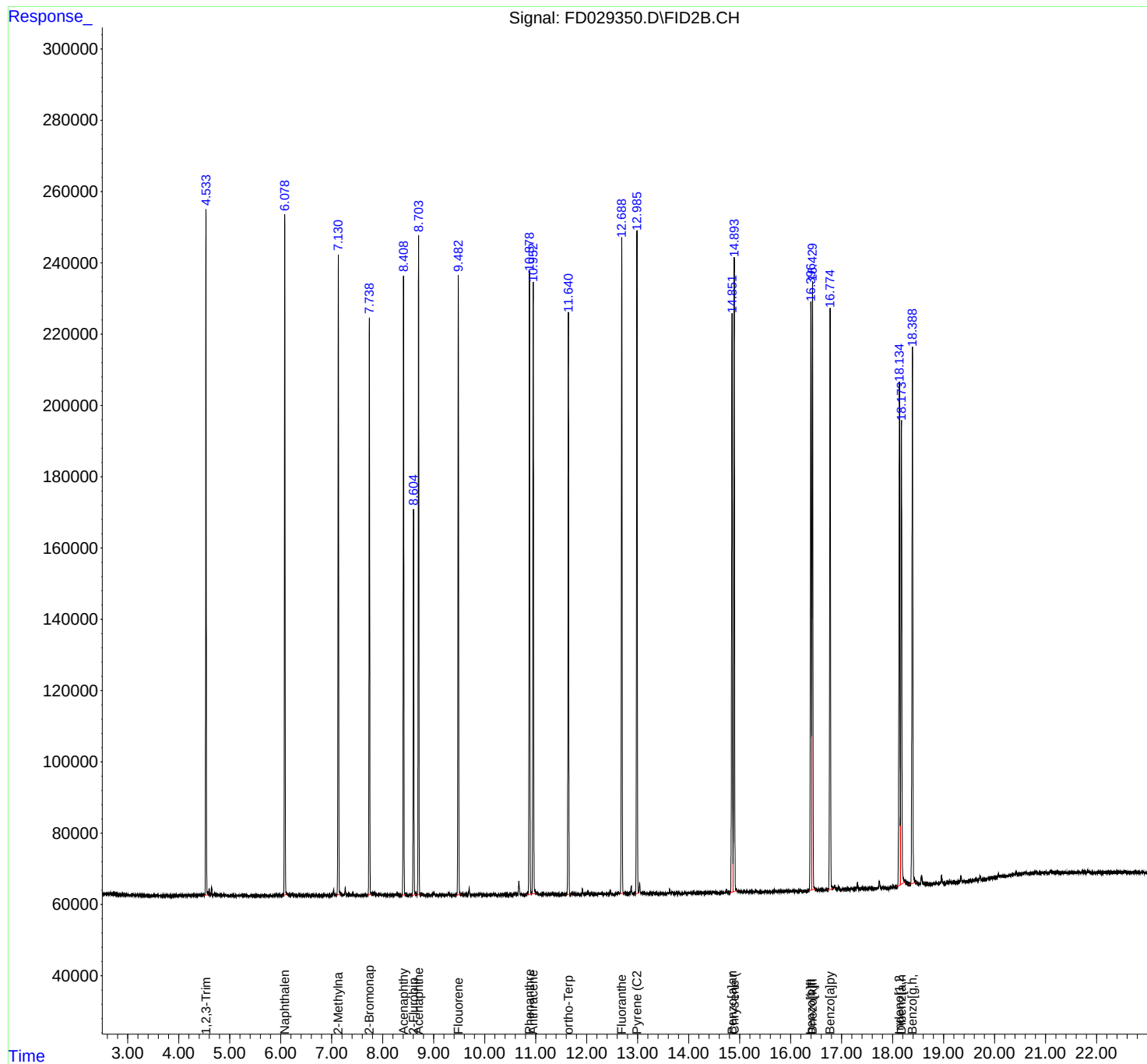
(f)=RT Delta > 1/2 Window

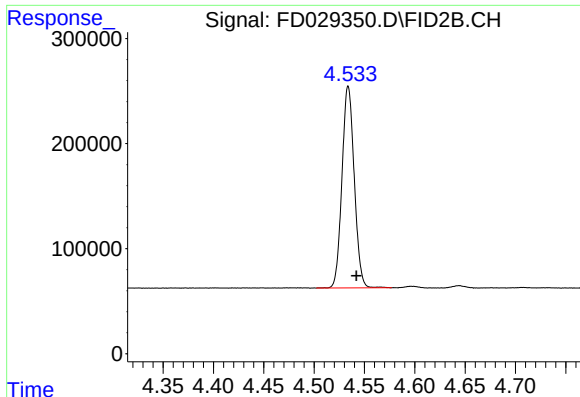
(m)=manual int.

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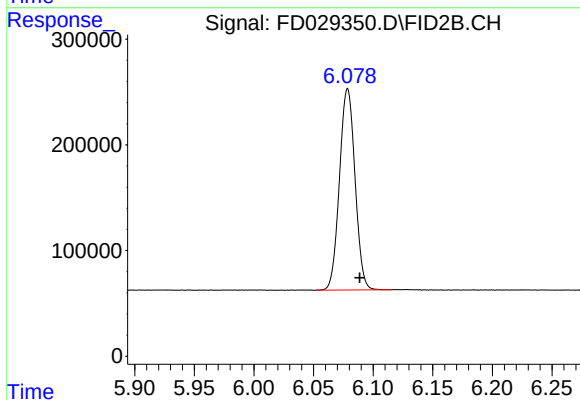
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





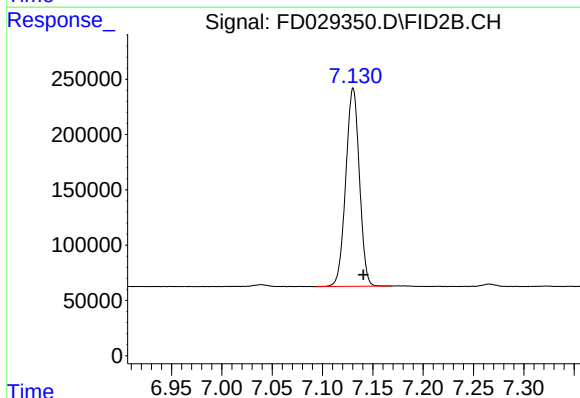
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.534 min
Delta R.T.: -0.008 min
Response: 1630228
Conc: 18.31 ug/ml



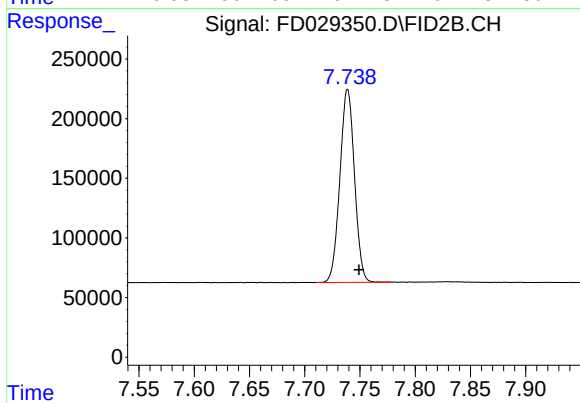
#2 Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.010 min
Response: 1731668
Conc: 18.53 ug/ml



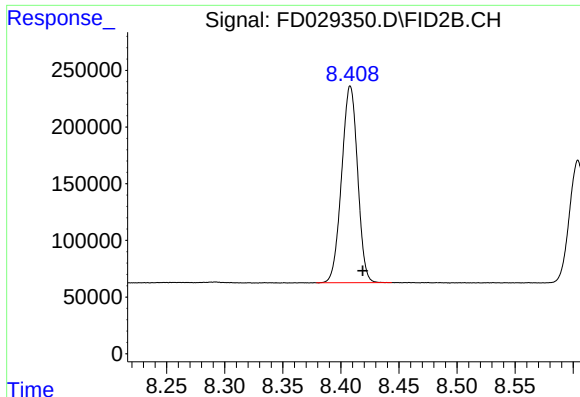
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: -0.010 min
Response: 1691289
Conc: 18.77 ug/ml



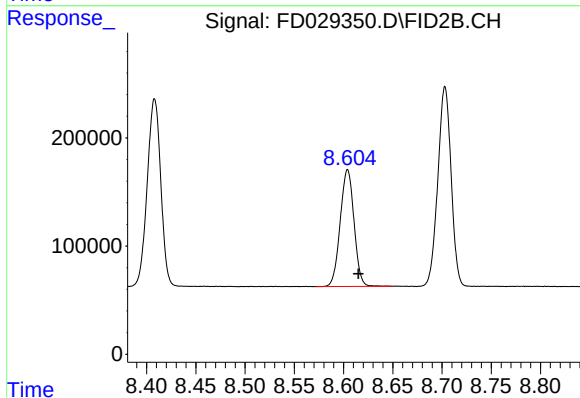
#4 2-Bromonaphthalene (SURR)

R.T.: 7.739 min
Delta R.T.: -0.010 min
Response: 1489637
Conc: 18.82 ug/ml



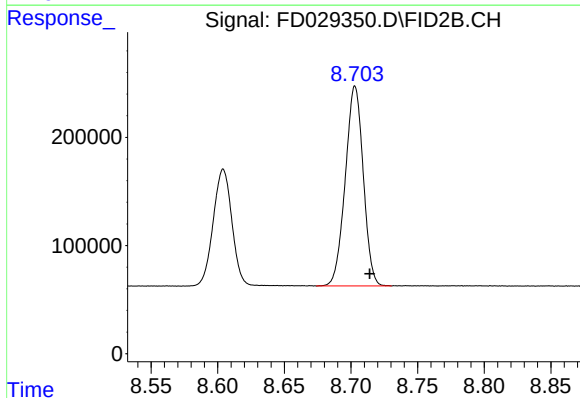
#5 Acenaphthylene (C15.06)

R.T.: 8.408 min
Delta R.T.: -0.011 min
Response: 1660184
Conc: 19.31 ug/ml



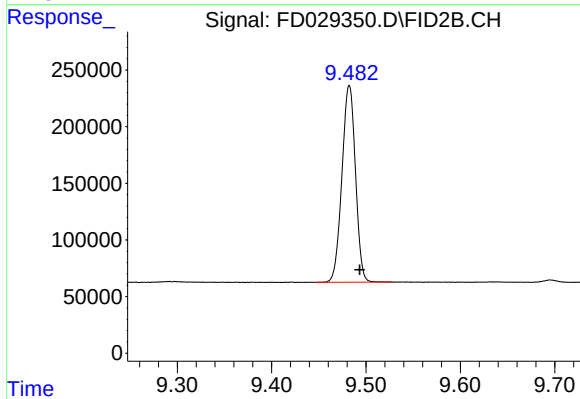
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.604 min
Delta R.T.: -0.011 min
Response: 1054739
Conc: 19.53 ug/ml



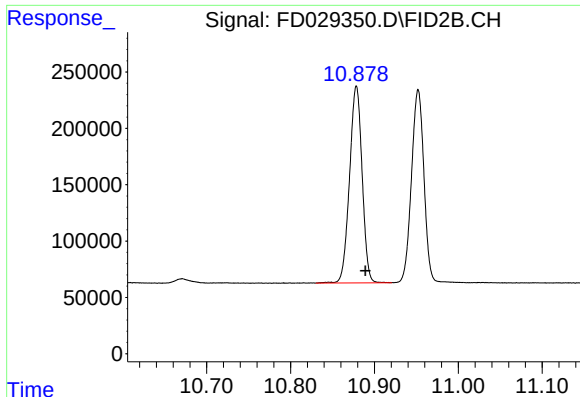
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: -0.011 min
Response: 1733025
Conc: 19.39 ug/ml



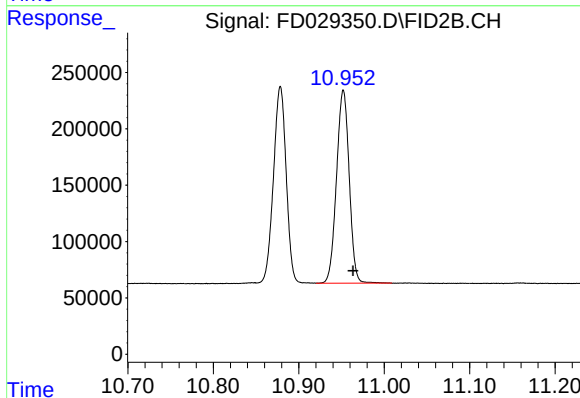
#8 Flouorene (C16.55)

R.T.: 9.482 min
Delta R.T.: -0.011 min
Response: 1730343
Conc: 19.77 ug/ml



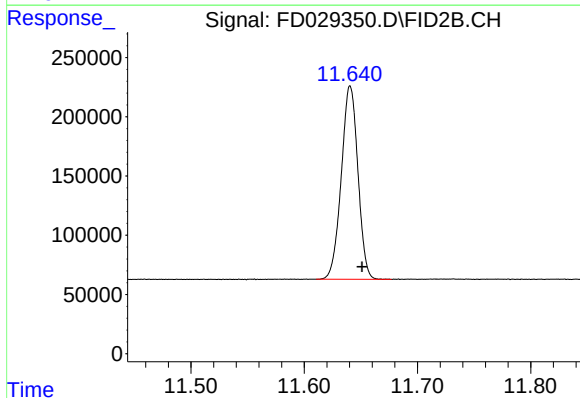
#9 Phenanthrene (C19.36)

R.T.: 10.879 min
Delta R.T.: -0.011 min
Response: 1816200
Conc: 20.28 ug/ml



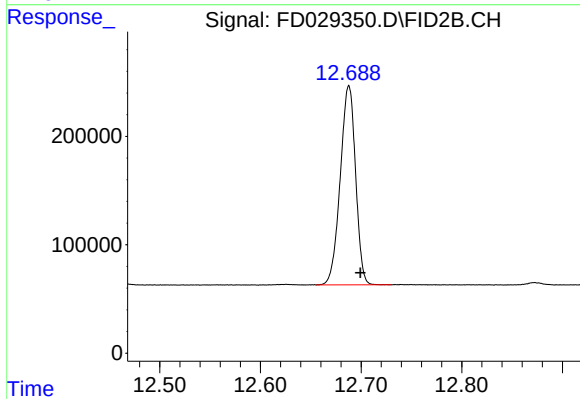
#10 Anthracene (C19.43)

R.T.: 10.952 min
Delta R.T.: -0.011 min
Response: 1770011
Conc: 19.89 ug/ml



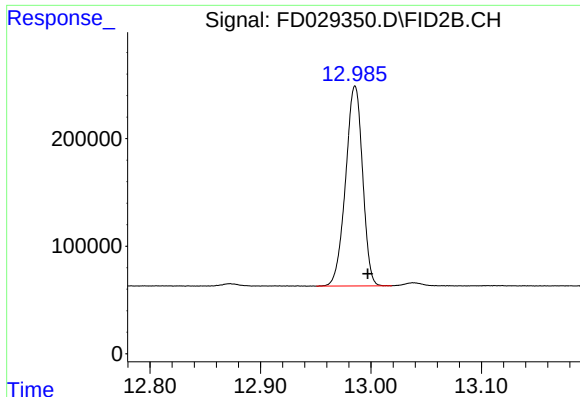
#11 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: -0.011 min
Response: 1665372
Conc: 20.19 ug/ml



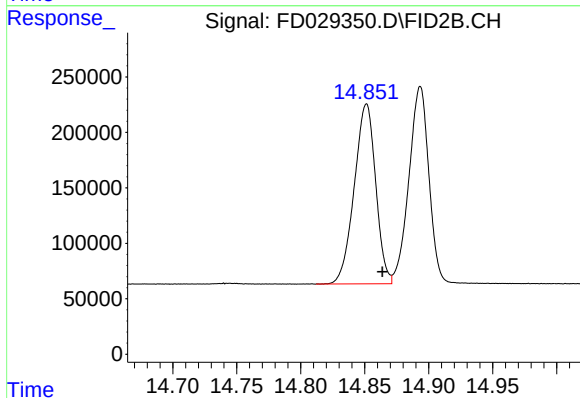
#12 Fluoranthene (C21.85)

R.T.: 12.688 min
Delta R.T.: -0.011 min
Response: 1941744
Conc: 20.23 ug/ml



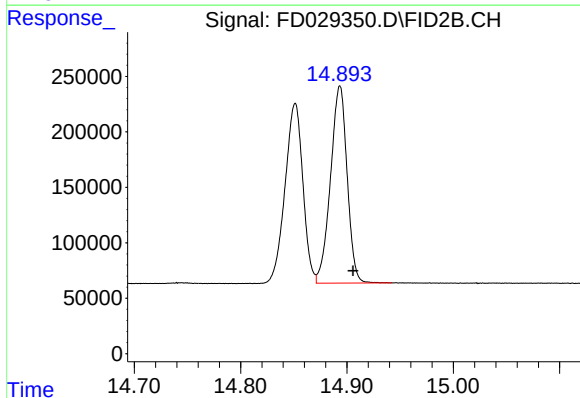
#13 Pyrene (C20.8)

R.T.: 12.986 min
Delta R.T.: -0.012 min
Response: 1984251
Conc: 20.17 ug/ml



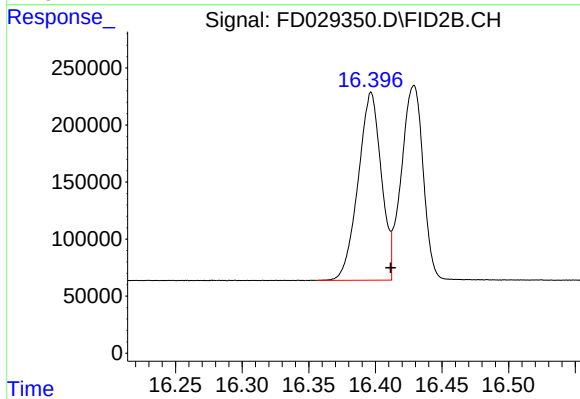
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.851 min
Delta R.T.: -0.012 min
Response: 1891794
Conc: 19.17 ug/ml



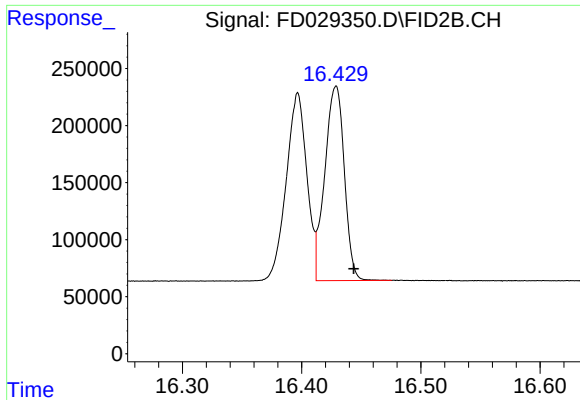
#15 Chrysene (C27.41)

R.T.: 14.893 min
Delta R.T.: -0.012 min
Response: 1932190
Conc: 19.30 ug/ml



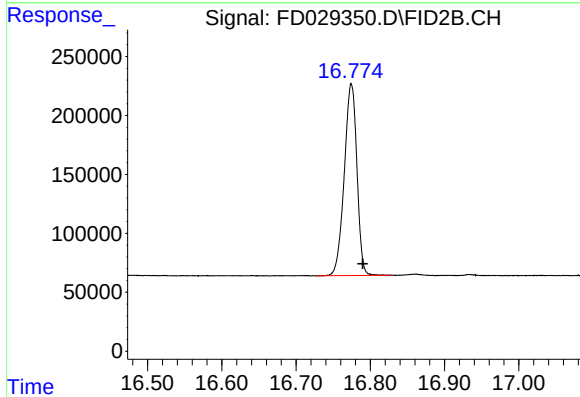
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.397 min
Delta R.T.: -0.015 min
Response: 1981505
Conc: 19.22 ug/ml



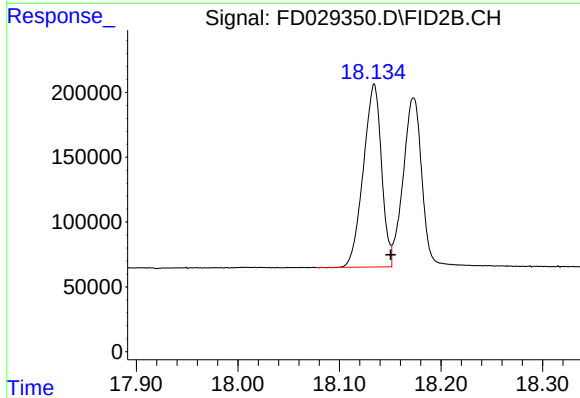
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.429 min
Delta R.T.: -0.015 min
Response: 1942830
Conc: 19.17 ug/ml



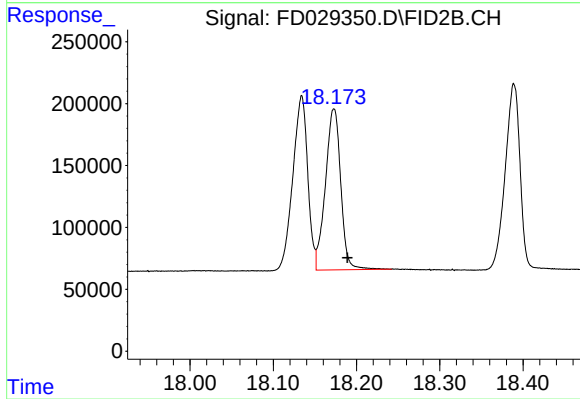
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.775 min
Delta R.T.: -0.015 min
Response: 1925254
Conc: 19.00 ug/ml



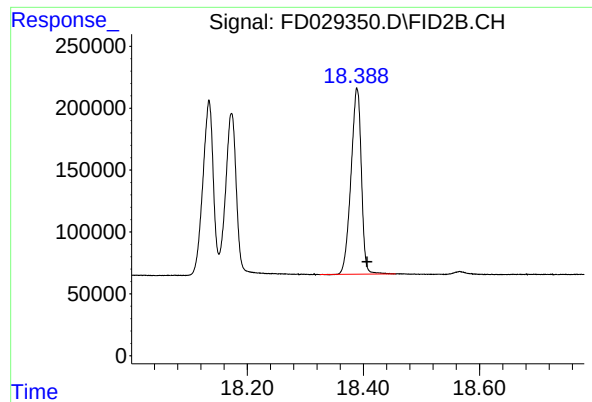
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: -0.016 min
Response: 1750079
Conc: 18.01 ug/ml



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

R.T.: 18.173 min
Delta R.T.: -0.016 min
Response: 1665645
Conc: 18.52 ug/ml



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

R.T.: 18.389 min
Delta R.T.: -0.017 min
Response: 1862411
Conc: 18.42 ug/ml