

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062619AR\
 Data File : FD029541.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jun 2019 15:01
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 27 04:22:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:45:09 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...	7.712	2233467	19.224 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
6) S 2-Fluorobiphenyl (SURR)	8.576	1486017	18.747 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.49%
11) S ortho-Terphenyl (SURR)	11.613	2287982	17.829 ug/ml
Spiked Amount 50.000		Recovery =	35.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.511	2487055	20.357 ug/ml
2) T Naphthalene (C11.7)	6.053	2578272	19.784 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	2507374	19.424 ug/ml
5) T Acenaphthylene (C15.06)	8.380	2353722	18.617 ug/ml
7) T Acenaphthene (C15.5)	8.675	2454447	18.810 ug/ml
8) T Flouorene (C16.55)	9.455	2396291	18.416 ug/ml
9) T Phenanthrene (C19.36)	10.850	2332767	17.778 ug/ml
10) T Anthracene (C19.43)	10.924	2279177	17.635 ug/ml
12) T Fluoranthene (C21.85)	12.657	1971973	14.994 ug/ml
13) T Pyrene (C20.8)	12.955	2300657	17.471 ug/ml
14) T Benzo[a]anthracene (C...	14.819	2153584	17.126 ug/ml
15) T Chrysene (C27.41)	14.861	2172213	17.227 ug/ml
16) T benzo[b]fluoranthene ...	16.397	2163926	17.473 ug/ml
17) T Bnezo[k]fluoranthene ...	16.397	2163926	17.569 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.742	2158857	17.647 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.103	2129996	18.053 ug/ml
20) T Dibenz[a,h]anthracene...	18.142	2112592	18.250 ug/ml
21) T Benzo[g,h,i]perylene ...	18.358	2118314	18.248 ug/ml

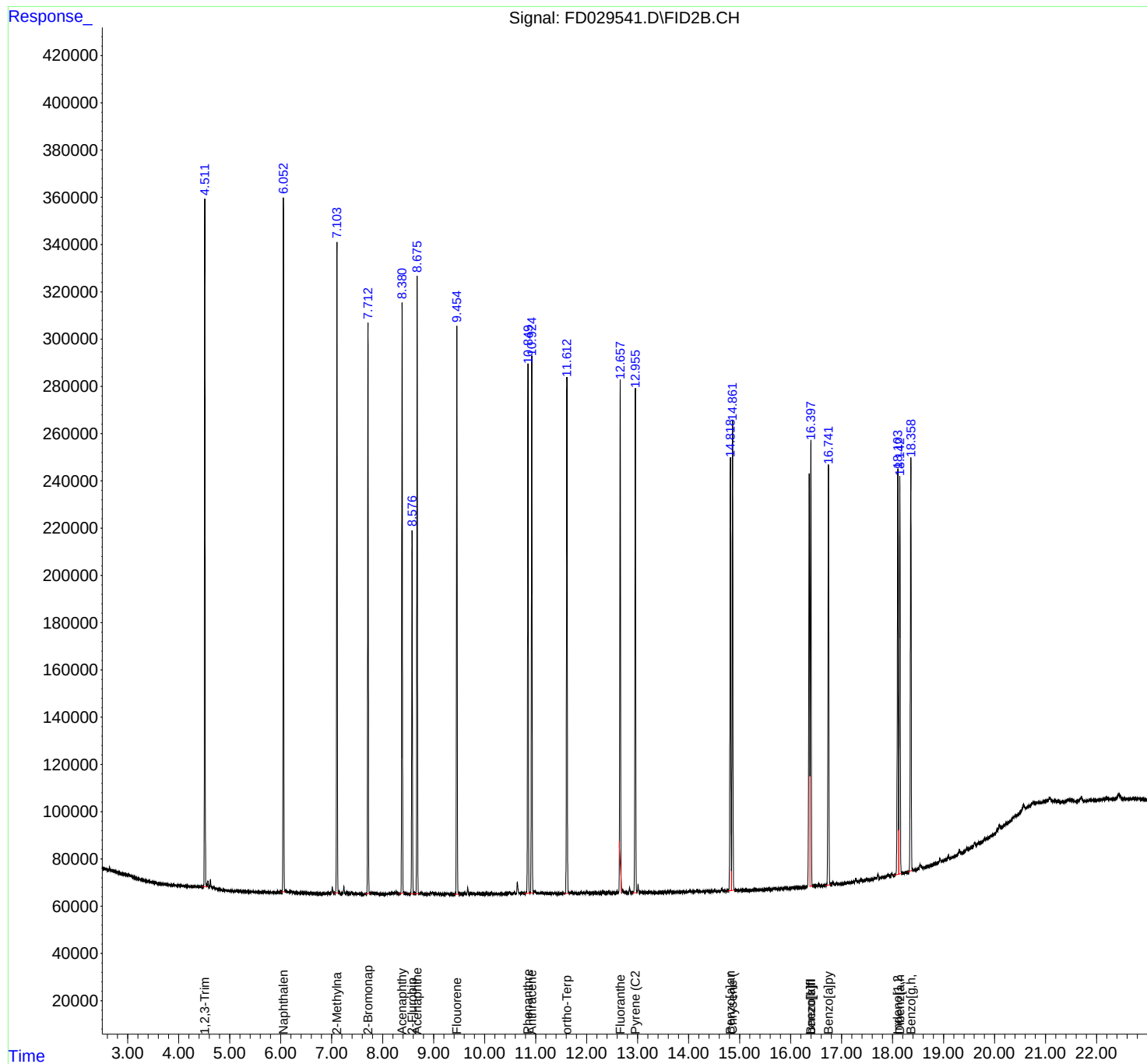
(f)=RT Delta > 1/2 Window

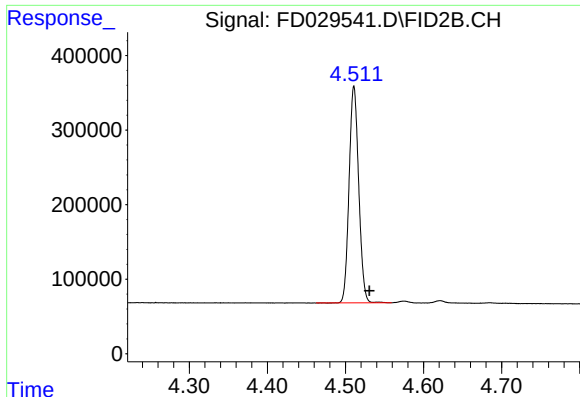
(m)=manual int.

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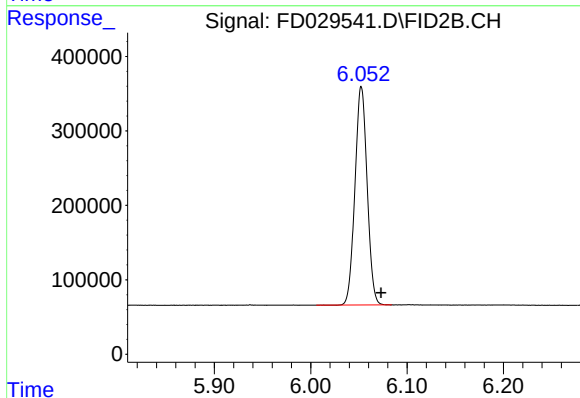
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





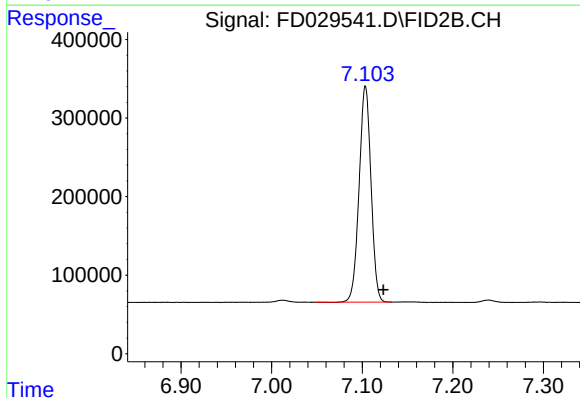
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.511 min
Delta R.T.: -0.020 min
Response: 2487055
Conc: 20.36 ug/ml



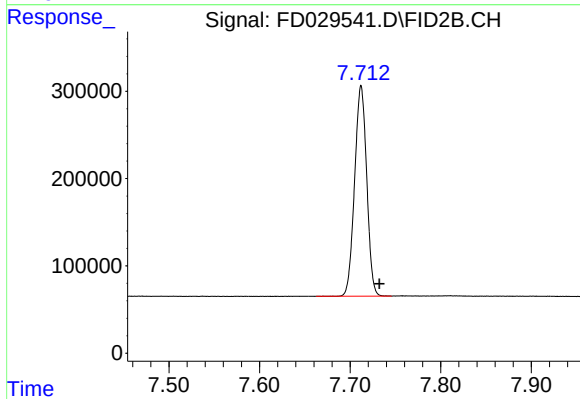
#2 Naphthalene (C11.7)

R.T.: 6.053 min
Delta R.T.: -0.021 min
Response: 2578272
Conc: 19.78 ug/ml



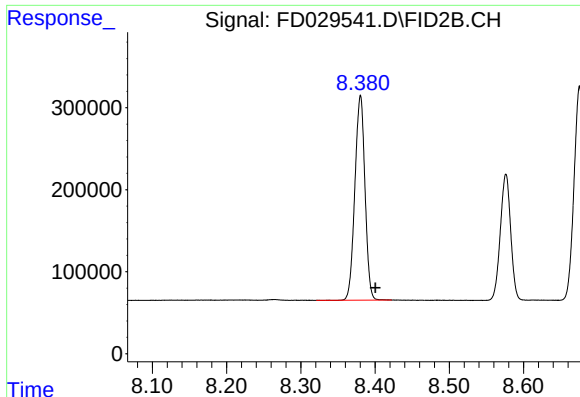
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: -0.020 min
Response: 2507374
Conc: 19.42 ug/ml



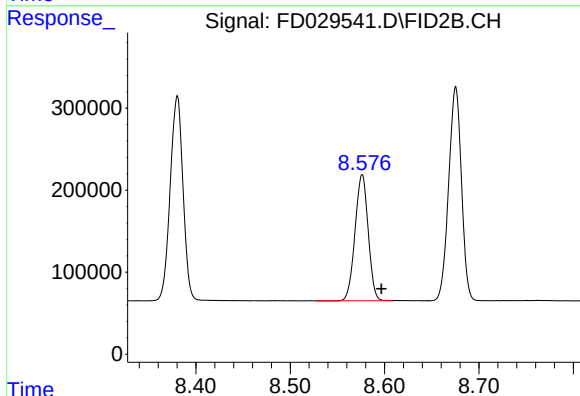
#4 2-Bromonaphthalene (SURR)

R.T.: 7.712 min
Delta R.T.: -0.020 min
Response: 2233467
Conc: 19.22 ug/ml



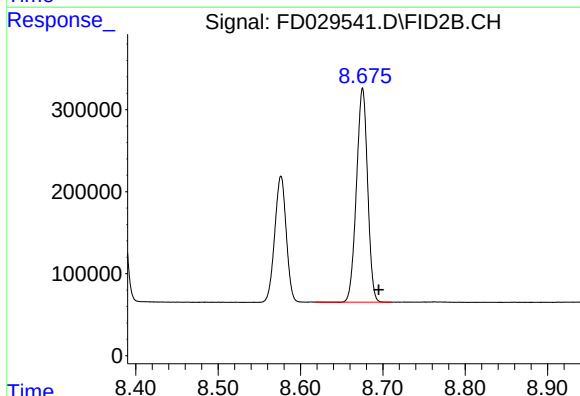
#5 Acenaphthylene (C15.06)

R.T.: 8.380 min
Delta R.T.: -0.020 min
Response: 2353722
Conc: 18.62 ug/ml



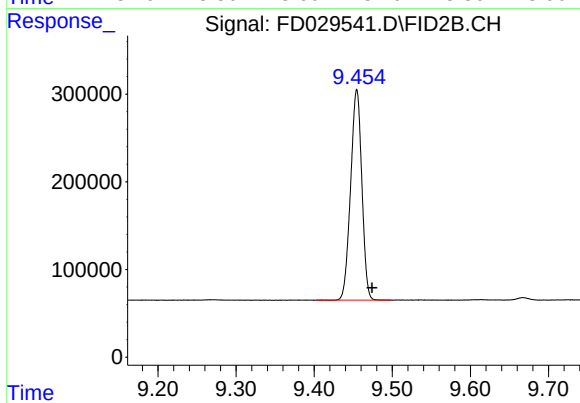
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.576 min
Delta R.T.: -0.020 min
Response: 1486017
Conc: 18.75 ug/ml



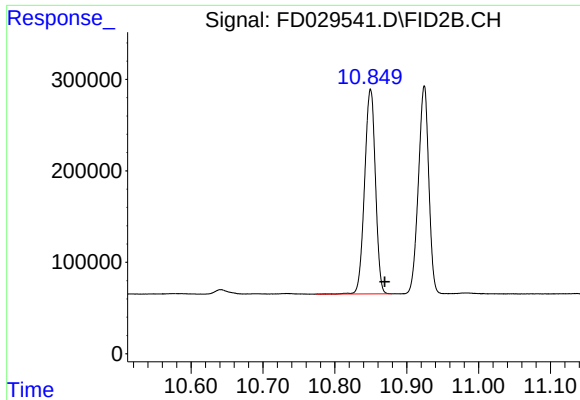
#7 Acenaphthene (C15.5)

R.T.: 8.675 min
Delta R.T.: -0.020 min
Response: 2454447
Conc: 18.81 ug/ml



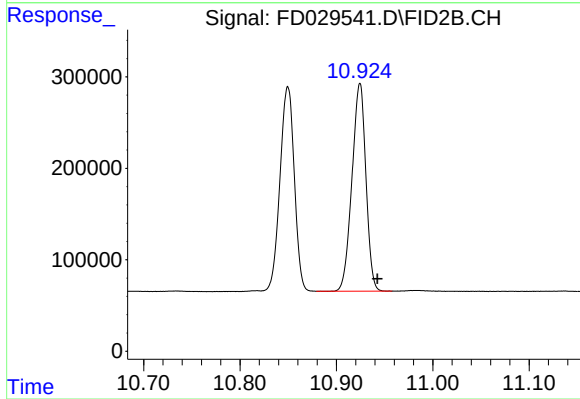
#8 Flouorene (C16.55)

R.T.: 9.455 min
Delta R.T.: -0.019 min
Response: 2396291
Conc: 18.42 ug/ml



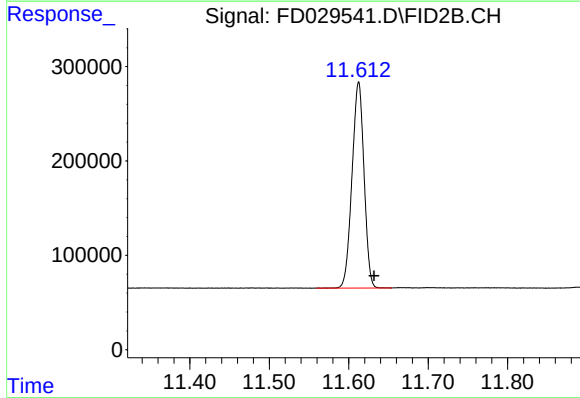
#9 Phenanthrene (C19.36)

R.T.: 10.850 min
Delta R.T.: -0.020 min
Response: 2332767
Conc: 17.78 ug/ml



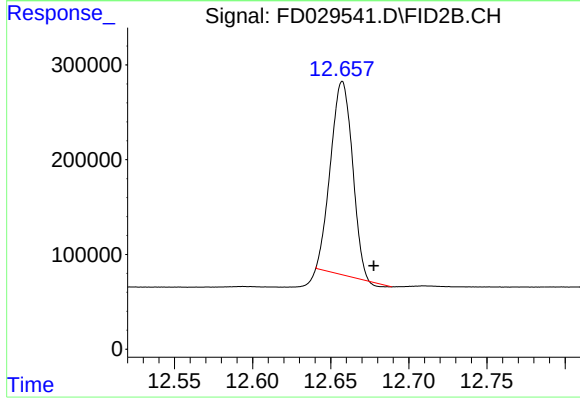
#10 Anthracene (C19.43)

R.T.: 10.924 min
Delta R.T.: -0.018 min
Response: 2279177
Conc: 17.64 ug/ml



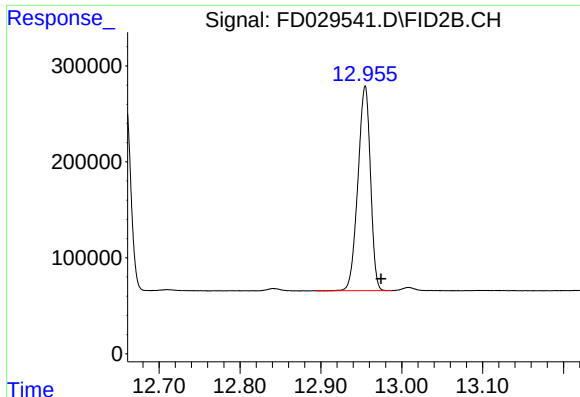
#11 ortho-Terphenyl (SURR)

R.T.: 11.613 min
Delta R.T.: -0.019 min
Response: 2287982
Conc: 17.83 ug/ml



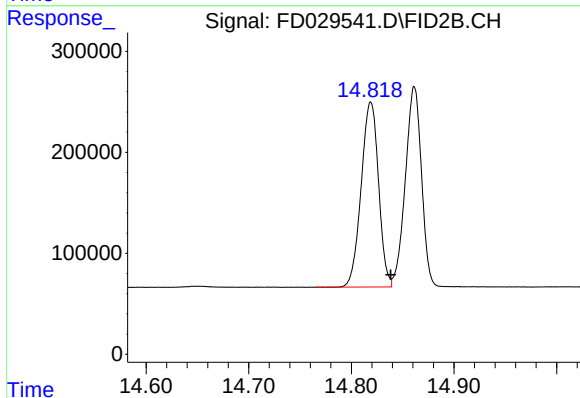
#12 Fluoranthene (C21.85)

R.T.: 12.657 min
Delta R.T.: -0.020 min
Response: 1971973
Conc: 14.99 ug/ml



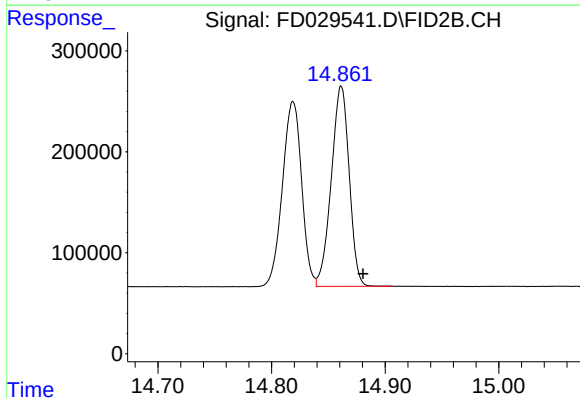
#13 Pyrene (C20.8)

R.T.: 12.955 min
Delta R.T.: -0.020 min
Response: 2300657
Conc: 17.47 ug/ml



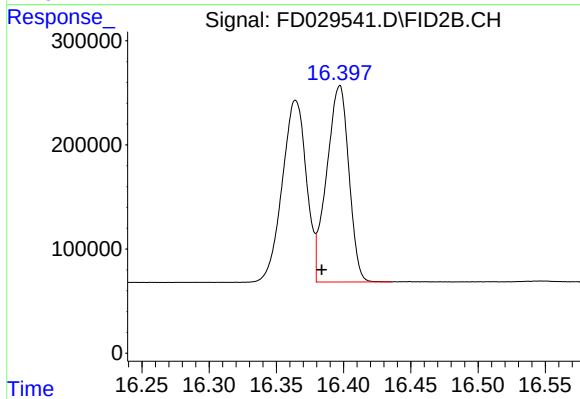
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.819 min
Delta R.T.: -0.020 min
Response: 2153584
Conc: 17.13 ug/ml



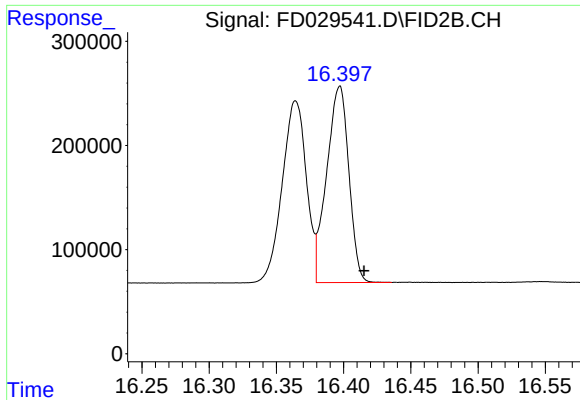
#15 Chrysene (C27.41)

R.T.: 14.861 min
Delta R.T.: -0.019 min
Response: 2172213
Conc: 17.23 ug/ml



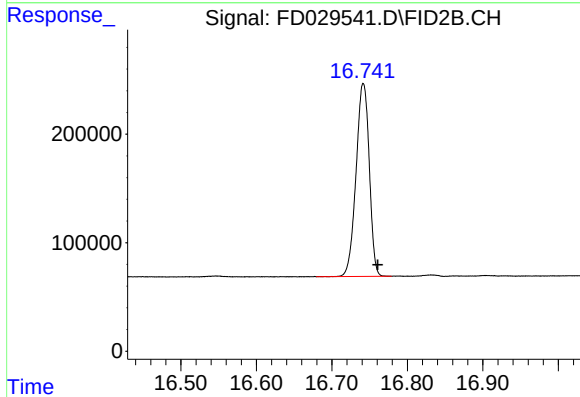
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.397 min
Delta R.T.: 0.013 min
Response: 2163926
Conc: 17.47 ug/ml



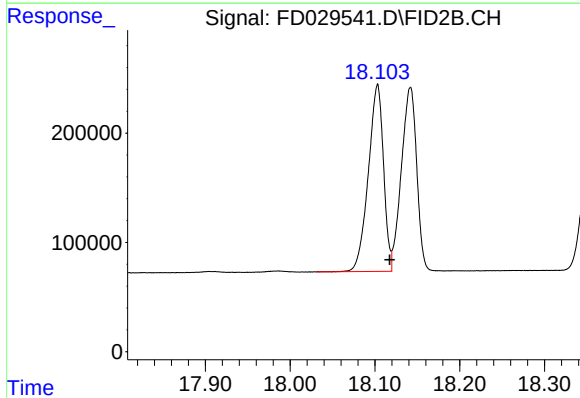
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.397 min
Delta R.T.: -0.018 min
Response: 2163926
Conc: 17.57 ug/ml



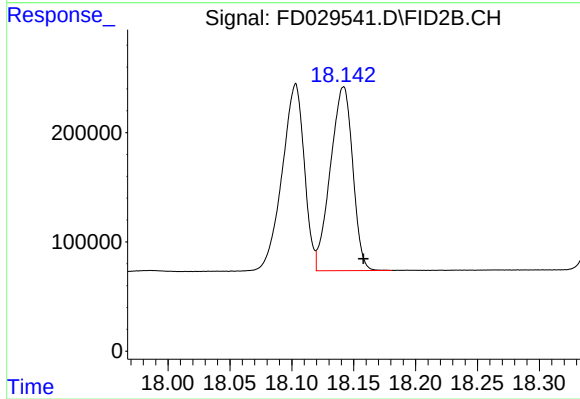
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.742 min
Delta R.T.: -0.019 min
Response: 2158857
Conc: 17.65 ug/ml



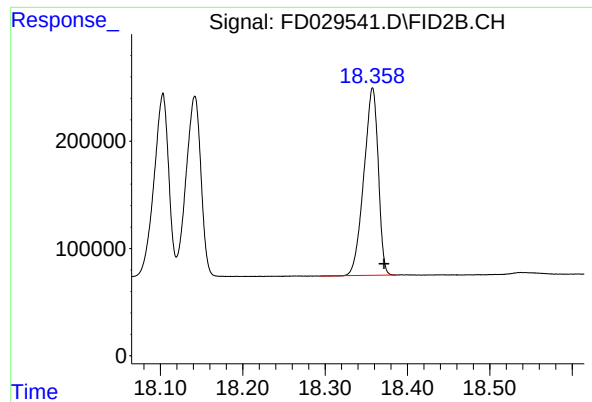
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.103 min
Delta R.T.: -0.014 min
Response: 2129996
Conc: 18.05 ug/ml



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

R.T.: 18.142 min
Delta R.T.: -0.016 min
Response: 2112592
Conc: 18.25 ug/ml



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

R.T.: 18.358 min
Delta R.T.: -0.014 min
Response: 2118314
Conc: 18.25 ug/ml