

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072120AR\
 Data File : FD034054.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jul 2020 11:03
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 21 12:36:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 2020
 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...	7.708	2147229	17.877 ug/ml
Spiked Amount 50.000		Recovery =	35.75%
6) S 2-Fluorobiphenyl (SURR)	8.573	1485773	17.529 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.06%
11) S ortho-Terphenyl (SURR)	11.614	2339534	17.292 ug/ml
Spiked Amount 50.000		Recovery =	34.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	2425318	18.363 ug/ml
2) T Naphthalene (C11.7)	6.046	2504484	18.082 ug/ml
3) T 2-Methylnaphthalene (...)	7.098	2493655	17.905 ug/ml
5) T Acenaphthylene (C15.06)	8.376	2338669	17.395 ug/ml
7) T Acenaphthene (C15.5)	8.672	2405605	17.575 ug/ml
8) T Flouorene (C16.55)	9.452	2340419	17.407 ug/ml
9) T Phenanthrene (C19.36)	10.850	2278478	17.049 ug/ml
10) T Anthracene (C19.43)	10.925	2119400	15.972 ug/ml
12) T Fluoranthene (C21.85)	12.662	2231255	16.794 ug/ml
13) T Pyrene (C20.8)	12.959	2165139	16.702 ug/ml
14) T Benzo[a]anthracene (C...	14.828	2039333	16.382 ug/ml
15) T Chrysene (C27.41)	14.871	2051438	16.519 ug/ml
16) T benzo[b]fluoranthene ...	16.377	1989068	16.718 ug/ml
17) T Bnezo[k]fluoranthene ...	16.408	1931765	16.671 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.754	1949438	16.752 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.117	1950488	17.518 ug/ml
20) T Dibenz[a,h]anthracene...	18.156	1970729	17.837 ug/ml
21) T Benzo[g,h,i]perylene ...	18.371	1968210	17.823 ug/ml

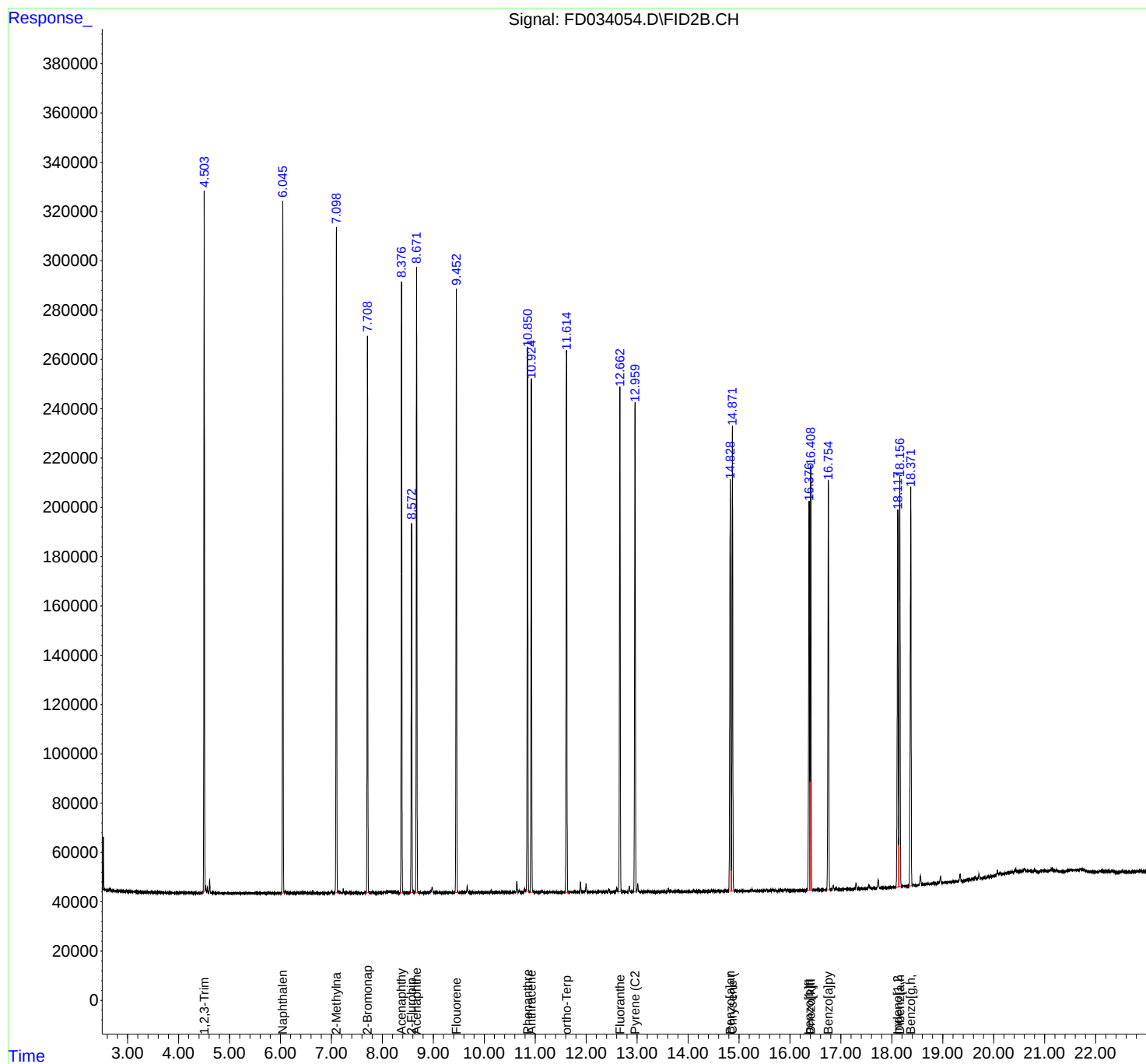
(f)=RT Delta > 1/2 Window

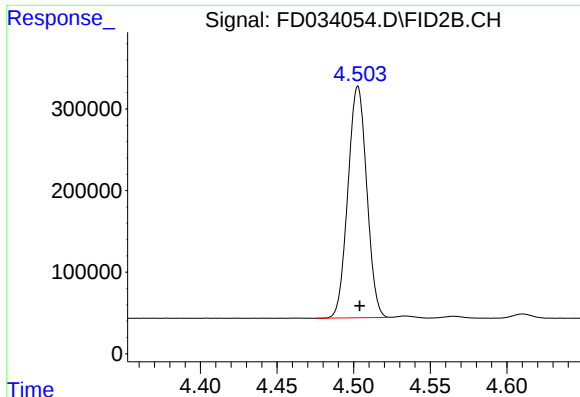
(m)=manual int.

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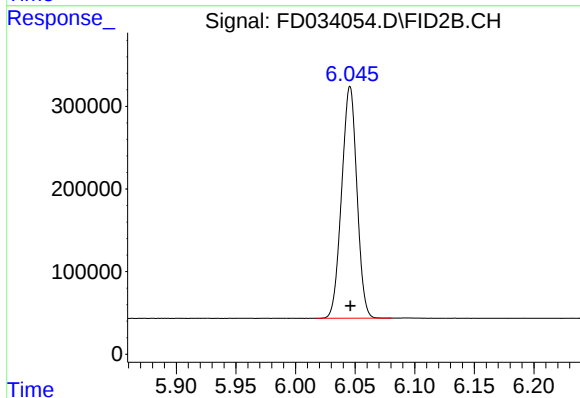
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





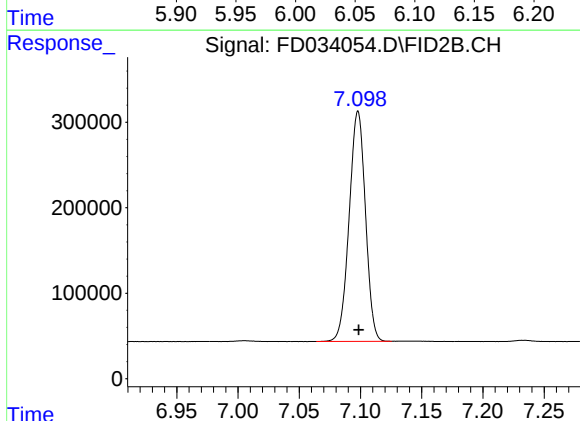
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 2425318
Conc: 18.36 ug/ml



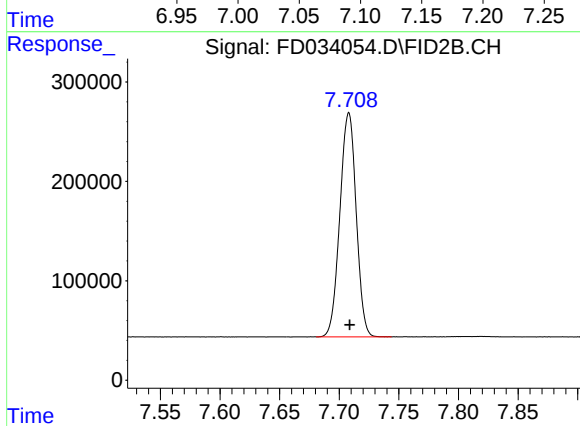
#2 Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 2504484
Conc: 18.08 ug/ml



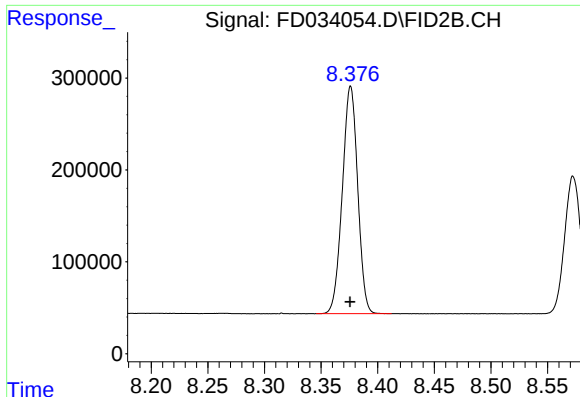
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 2493655
Conc: 17.91 ug/ml



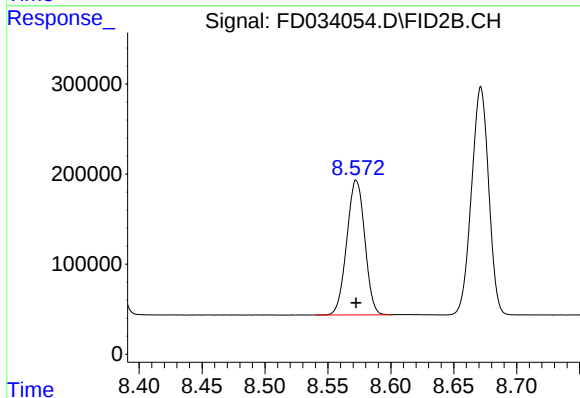
#4 2-Bromonaphthalene (SURR)

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 2147229
Conc: 17.88 ug/ml



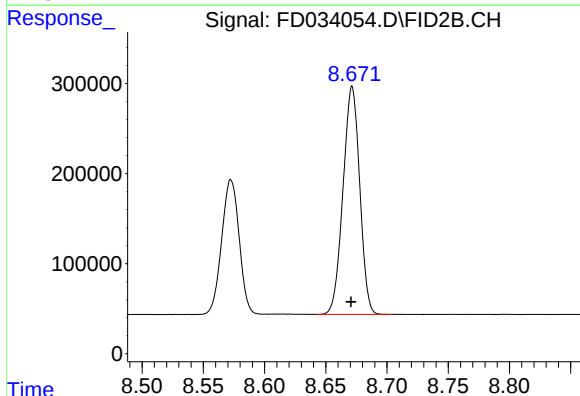
#5 Acenaphthylene (C15.06)

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 2338669
Conc: 17.40 ug/ml



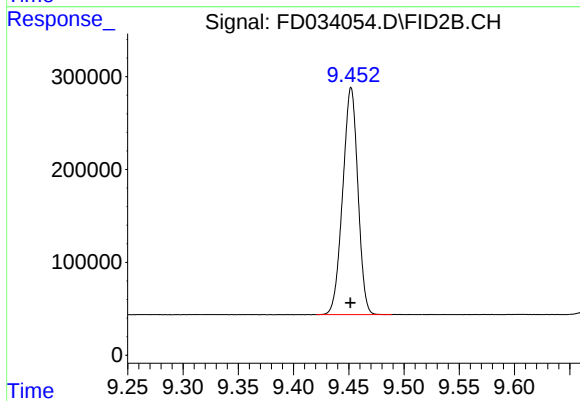
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 1485773
Conc: 17.53 ug/ml



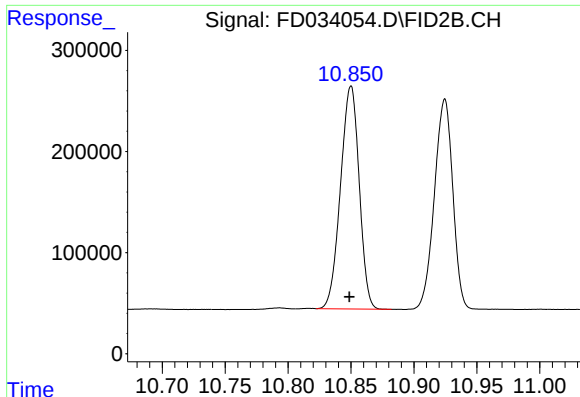
#7 Acenaphthene (C15.5)

R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 2405605
Conc: 17.58 ug/ml



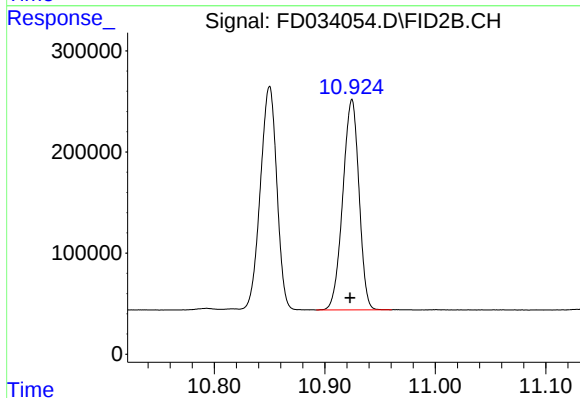
#8 Fluorene (C16.55)

R.T.: 9.452 min
Delta R.T.: 0.000 min
Response: 2340419
Conc: 17.41 ug/ml



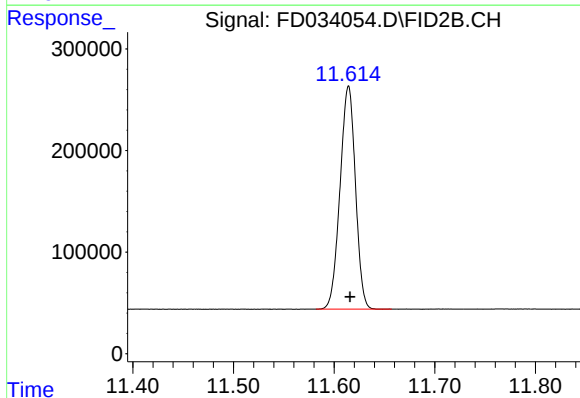
#9 Phenanthrene (C19.36)

R.T.: 10.850 min
Delta R.T.: 0.001 min
Response: 2278478
Conc: 17.05 ug/ml



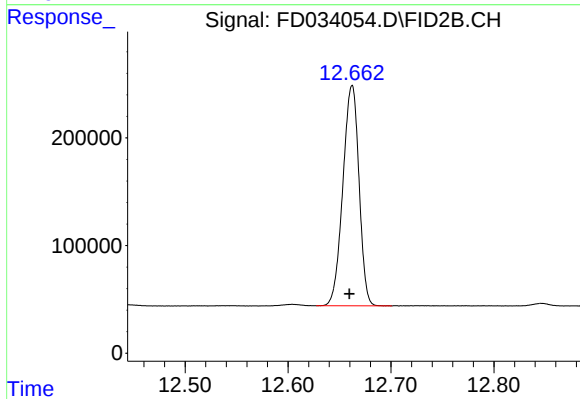
#10 Anthracene (C19.43)

R.T.: 10.925 min
Delta R.T.: 0.002 min
Response: 2119400
Conc: 15.97 ug/ml



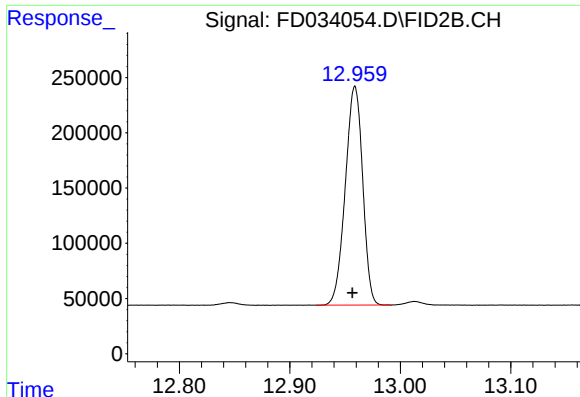
#11 ortho-Terphenyl (SURR)

R.T.: 11.614 min
Delta R.T.: -0.002 min
Response: 2339534
Conc: 17.29 ug/ml



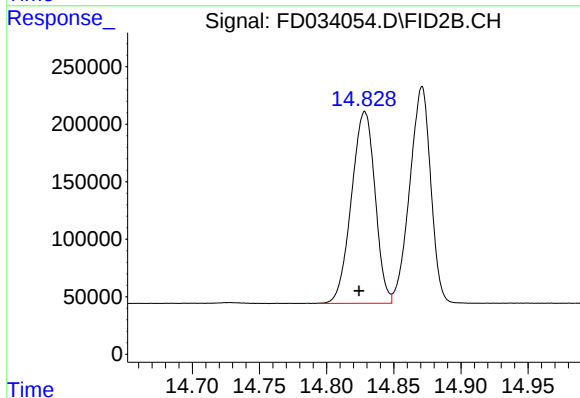
#12 Fluoranthene (C21.85)

R.T.: 12.662 min
Delta R.T.: 0.003 min
Response: 2231255
Conc: 16.79 ug/ml



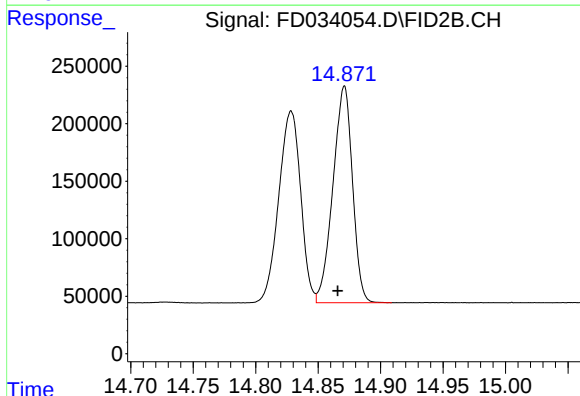
#13 Pyrene (C20.8)

R.T.: 12.959 min
Delta R.T.: 0.002 min
Response: 2165139
Conc: 16.70 ug/ml



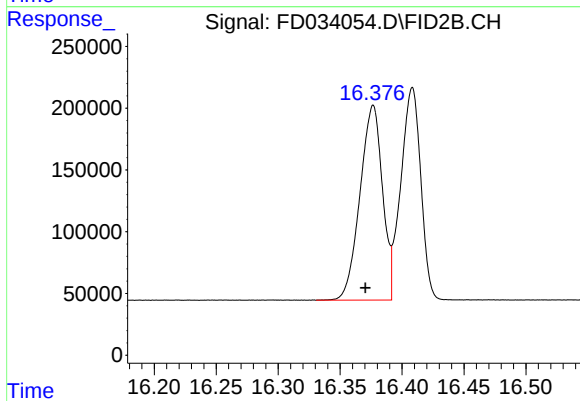
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.004 min
Response: 2039333
Conc: 16.38 ug/ml



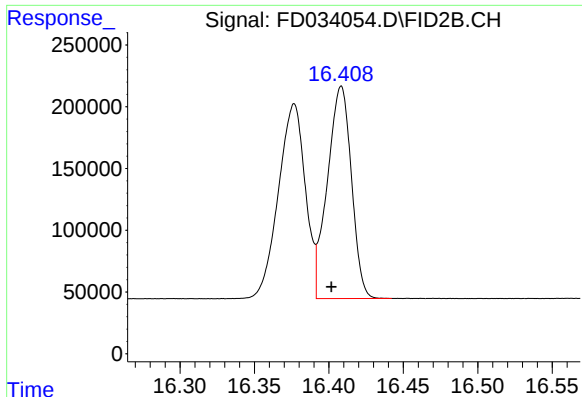
#15 Chrysene (C27.41)

R.T.: 14.871 min
Delta R.T.: 0.005 min
Response: 2051438
Conc: 16.52 ug/ml



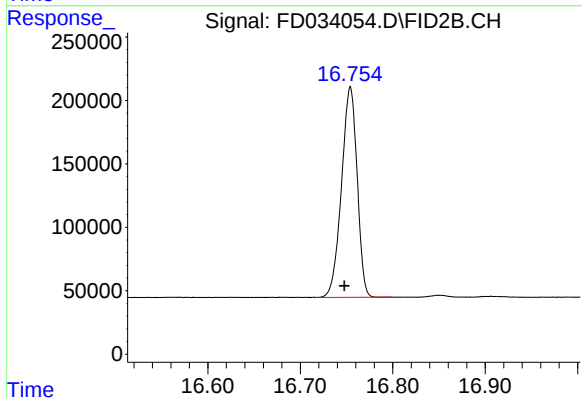
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.377 min
Delta R.T.: 0.006 min
Response: 1989068
Conc: 16.72 ug/ml



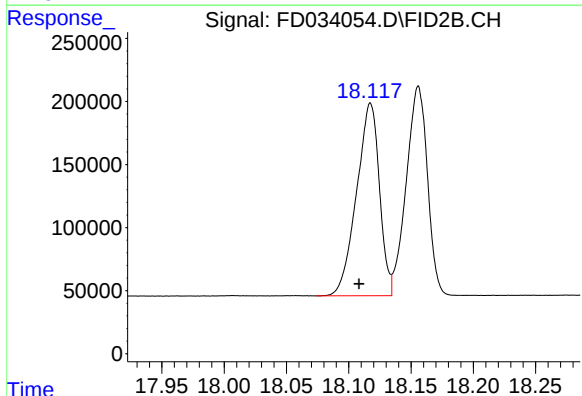
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.408 min
Delta R.T.: 0.007 min
Response: 1931765
Conc: 16.67 ug/ml



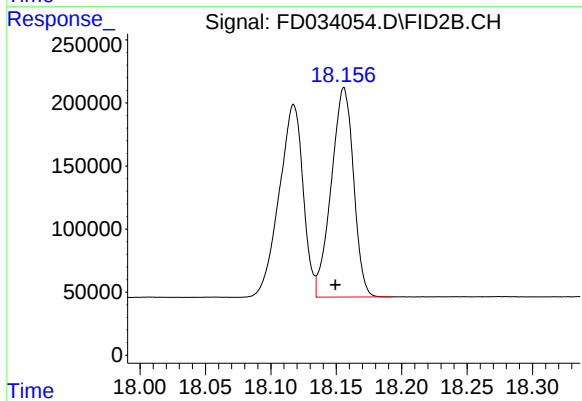
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.754 min
Delta R.T.: 0.006 min
Response: 1949438
Conc: 16.75 ug/ml



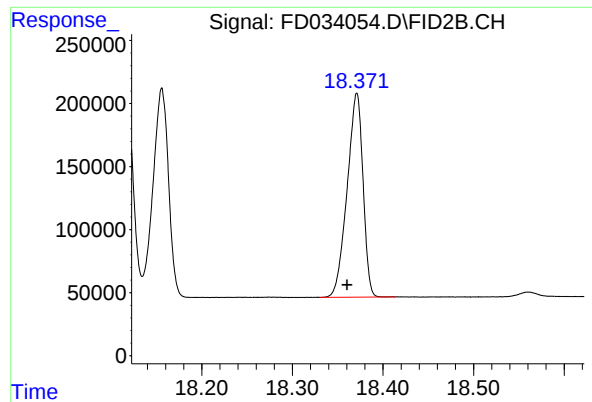
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.117 min
Delta R.T.: 0.009 min
Response: 1950488
Conc: 17.52 ug/ml



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

R.T.: 18.156 min
Delta R.T.: 0.006 min
Response: 1970729
Conc: 17.84 ug/ml



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

R.T.: 18.371 min
Delta R.T.: 0.011 min
Response: 1968210
Conc: 17.82 ug/ml