

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062419AR\
 Data File : FD029508.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jun 2019 15:30
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 25 00:44:44 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...	7.717	2271462	19.551 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
6) S 2-Fluorobiphenyl (SURR)	8.581	1512874	19.086 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.17%
11) S ortho-Terphenyl (SURR)	11.618	2350506	18.317 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.515	2504877	20.503 ug/ml
2) T Naphthalene (C11.7)	6.058	2604551	19.986 ug/ml
3) T 2-Methylnaphthalene (...)	7.109	2539224	19.671 ug/ml
5) T Acenaphthylene (C15.06)	8.385	2402184	19.001 ug/ml
7) T Acenaphthene (C15.5)	8.680	2506692	19.211 ug/ml
8) T Flouorene (C16.55)	9.460	2445977	18.797 ug/ml
9) T Phenanthrene (C19.36)	10.855	2394787	18.251 ug/ml
10) T Anthracene (C19.43)	10.929	2338626	18.095 ug/ml
12) T Fluoranthene (C21.85)	12.664	2320247	17.643 ug/ml
13) T Pyrene (C20.8)	12.962	2351440	17.856 ug/ml
14) T Benzo[a]anthracene (C...	14.827	2196175	17.464 ug/ml
15) T Chrysene (C27.41)	14.870	2210679	17.532 ug/ml
16) T benzo[b]fluoranthene ...	16.373	2222656	17.947 ug/ml
17) T Bnezo[k]fluoranthene ...	16.406	2205166	17.904 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.751	2193902	17.933 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.111	2133046	18.079 ug/ml
20) T Dibenz[a,h]anthracene...	18.150	2105440	18.188 ug/ml
21) T Benzo[g,h,i]perylene ...	18.366	2154739	18.561 ug/ml

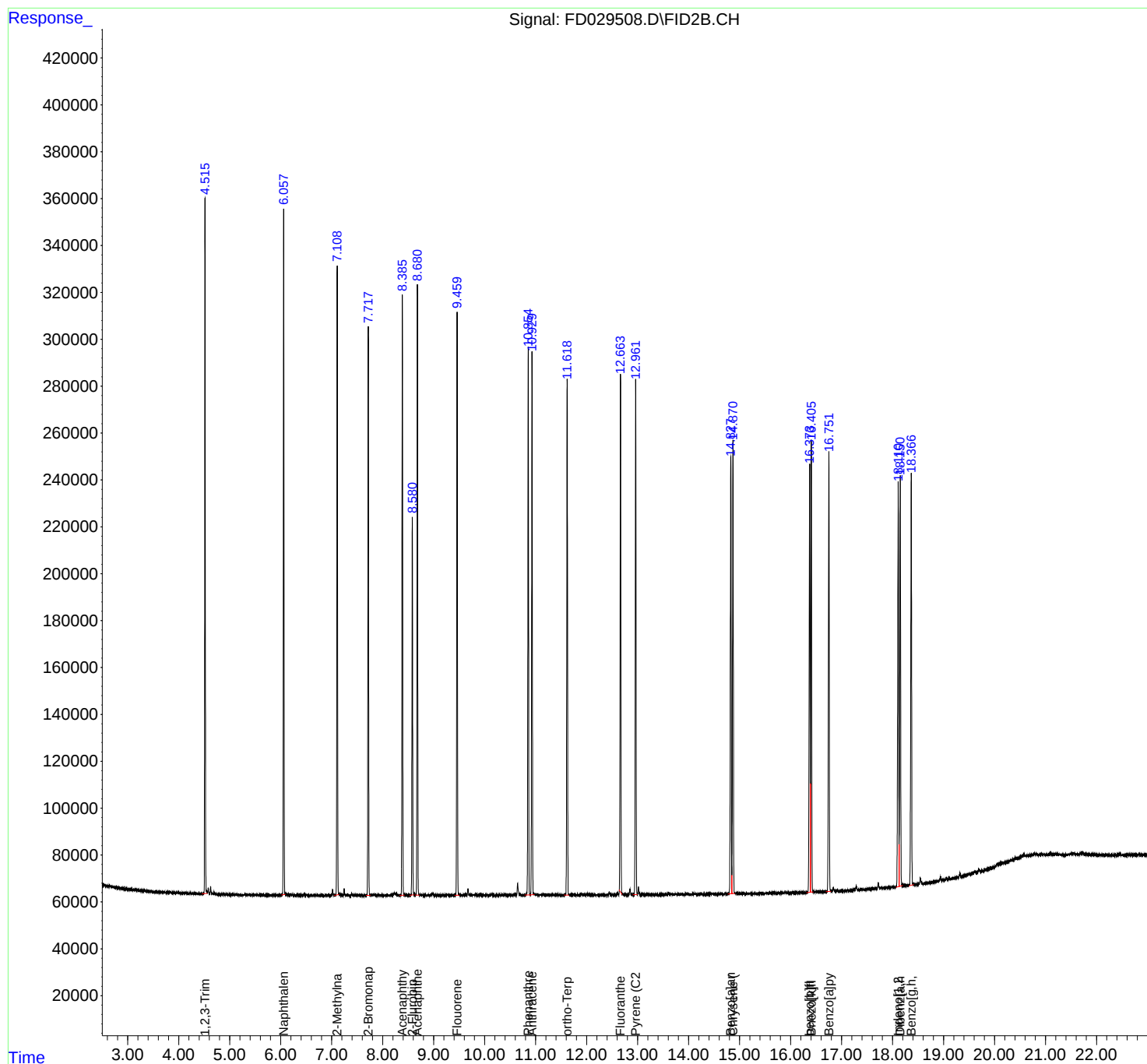
(f)=RT Delta > 1/2 Window

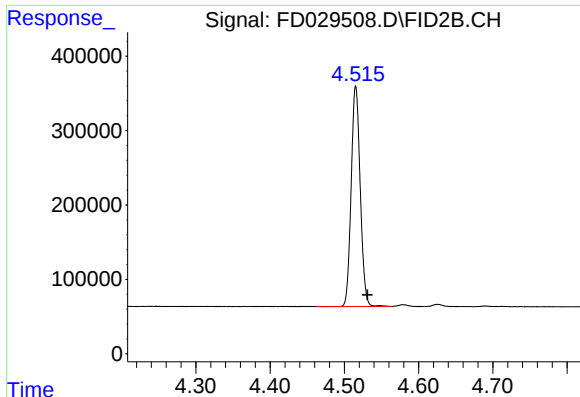
(m)=manual int.

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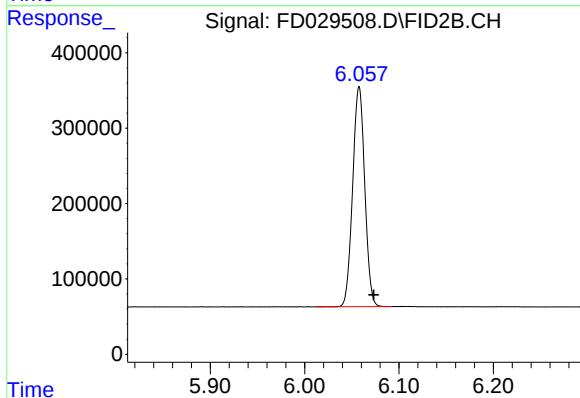
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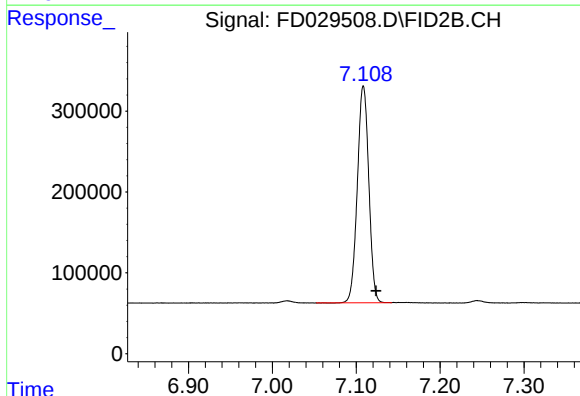
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.515 min
Delta R.T.: -0.016 min
Response: 2504877
Conc: 20.50 ug/ml



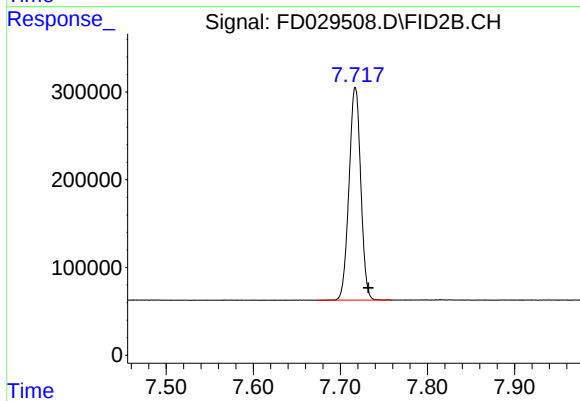
#2 Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.015 min
Response: 2604551
Conc: 19.99 ug/ml



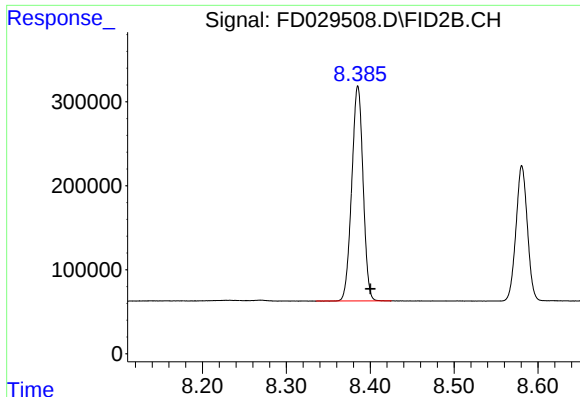
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.109 min
Delta R.T.: -0.015 min
Response: 2539224
Conc: 19.67 ug/ml



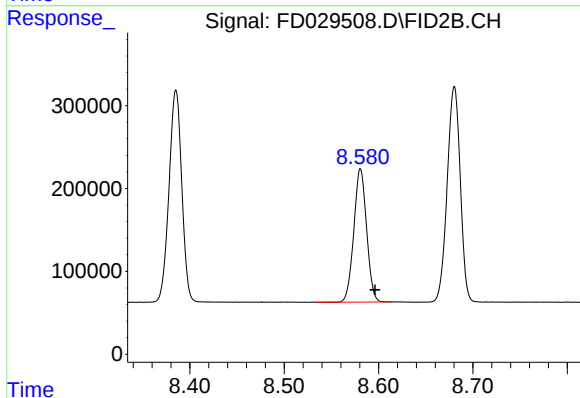
#4 2-Bromonaphthalene (SURR)

R.T.: 7.717 min
Delta R.T.: -0.015 min
Response: 2271462
Conc: 19.55 ug/ml



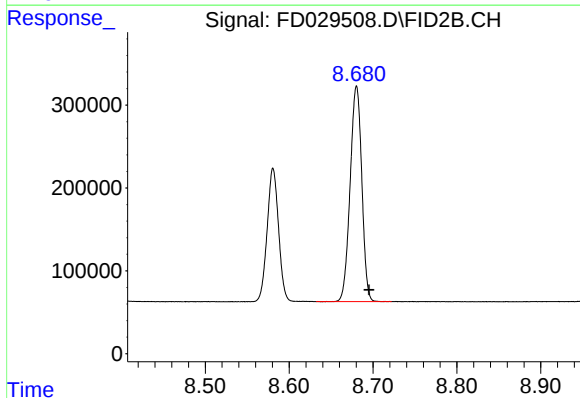
#5 Acenaphthylene (C15.06)

R.T.: 8.385 min
Delta R.T.: -0.015 min
Response: 2402184
Conc: 19.00 ug/ml



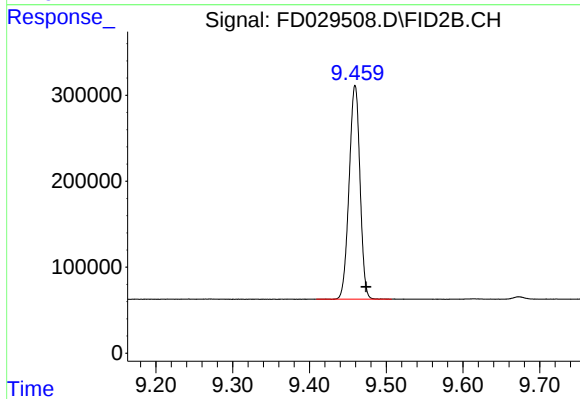
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.581 min
Delta R.T.: -0.016 min
Response: 1512874
Conc: 19.09 ug/ml



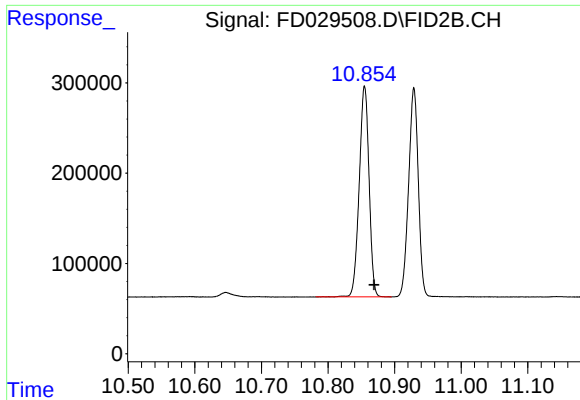
#7 Acenaphthene (C15.5)

R.T.: 8.680 min
Delta R.T.: -0.015 min
Response: 2506692
Conc: 19.21 ug/ml



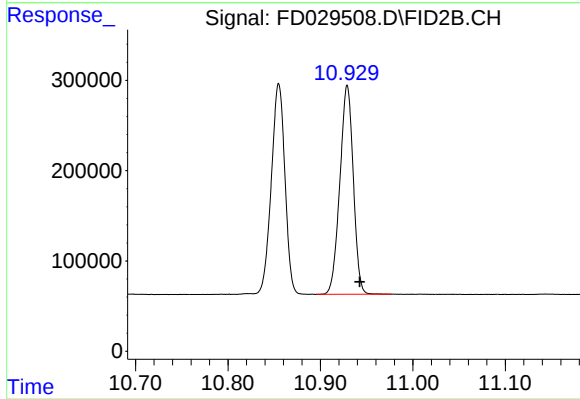
#8 Fluorene (C16.55)

R.T.: 9.460 min
Delta R.T.: -0.014 min
Response: 2445977
Conc: 18.80 ug/ml



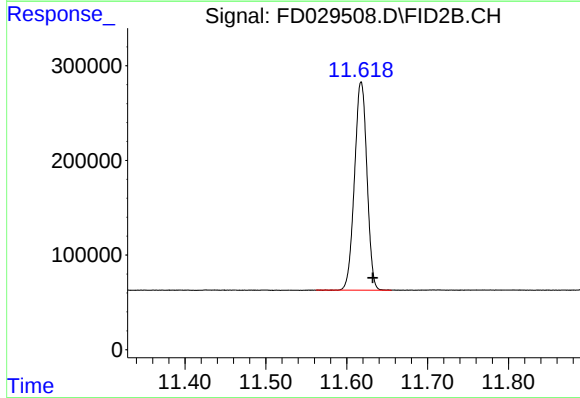
#9 Phenanthrene (C19.36)

R.T.: 10.855 min
Delta R.T.: -0.014 min
Response: 2394787
Conc: 18.25 ug/ml



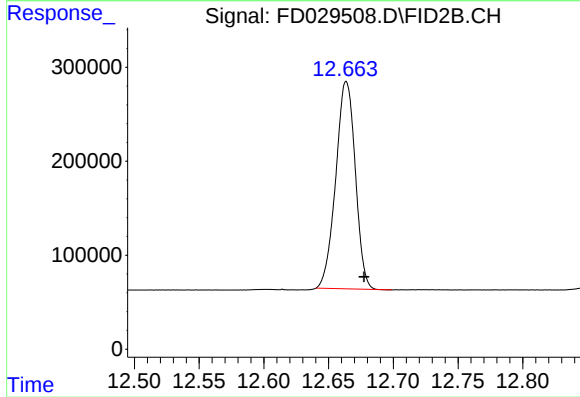
#10 Anthracene (C19.43)

R.T.: 10.929 min
Delta R.T.: -0.014 min
Response: 2338626
Conc: 18.10 ug/ml



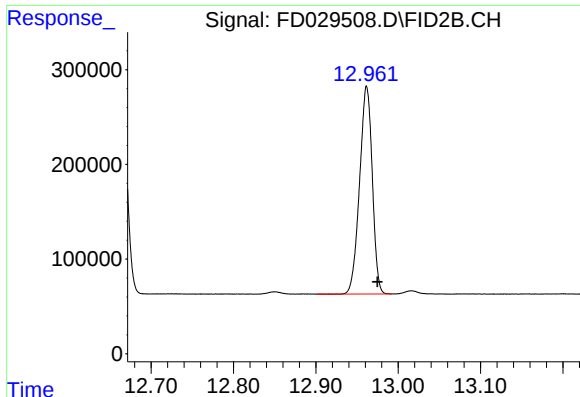
#11 ortho-Terphenyl (SURR)

R.T.: 11.618 min
Delta R.T.: -0.014 min
Response: 2350506
Conc: 18.32 ug/ml



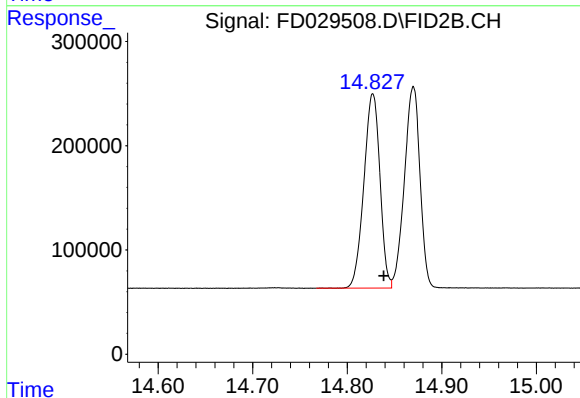
#12 Fluoranthene (C21.85)

R.T.: 12.664 min
Delta R.T.: -0.014 min
Response: 2320247
Conc: 17.64 ug/ml



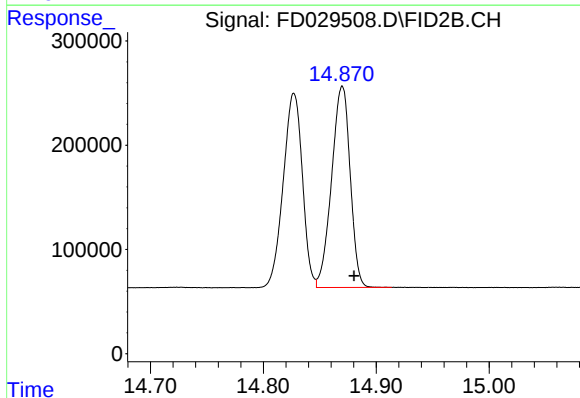
#13 Pyrene (C20.8)

R.T.: 12.962 min
Delta R.T.: -0.013 min
Response: 2351440
Conc: 17.86 ug/ml



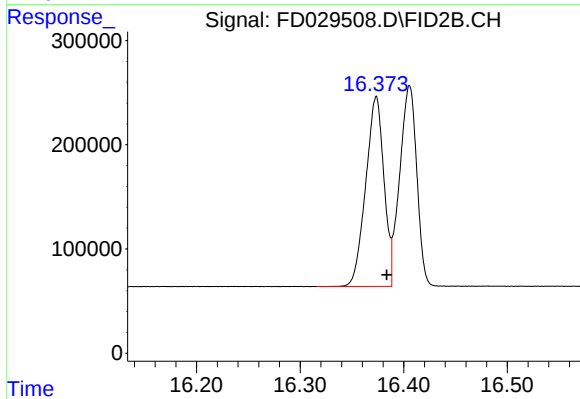
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.827 min
Delta R.T.: -0.011 min
Response: 2196175
Conc: 17.46 ug/ml



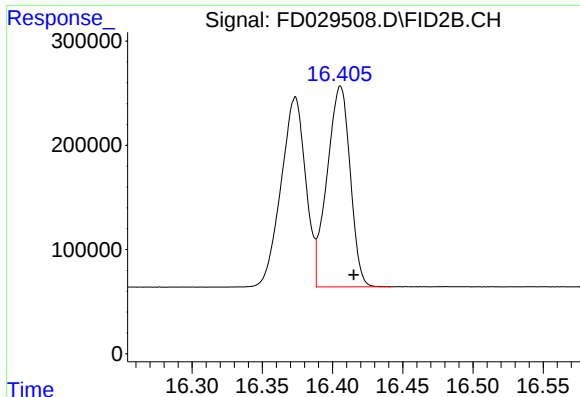
#15 Chrysene (C27.41)

R.T.: 14.870 min
Delta R.T.: -0.011 min
Response: 2210679
Conc: 17.53 ug/ml



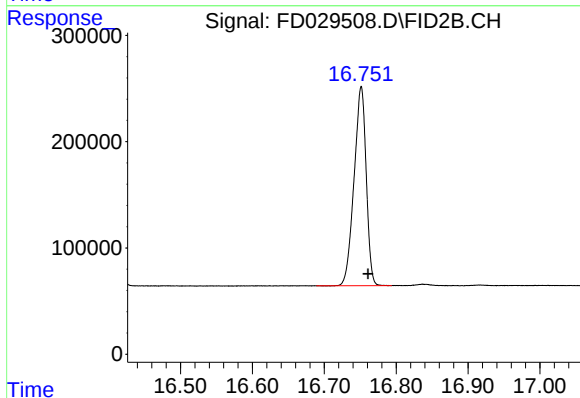
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.373 min
Delta R.T.: -0.010 min
Response: 2222656
Conc: 17.95 ug/ml



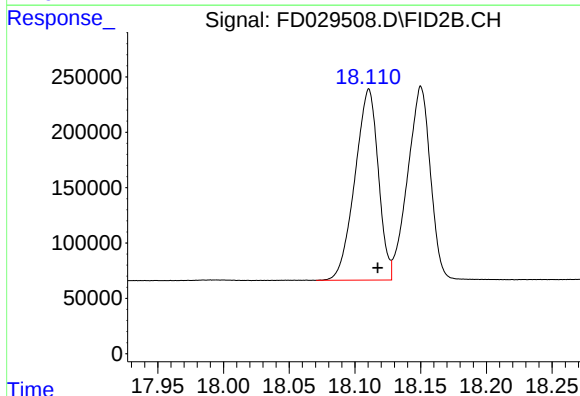
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.406 min
Delta R.T.: -0.010 min
Response: 2205166
Conc: 17.90 ug/ml



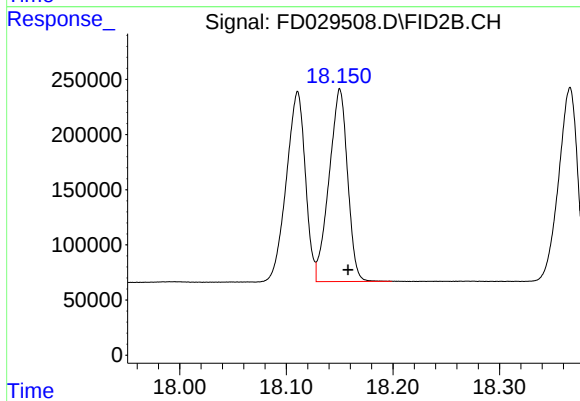
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.751 min
Delta R.T.: -0.009 min
Response: 2193902
Conc: 17.93 ug/ml



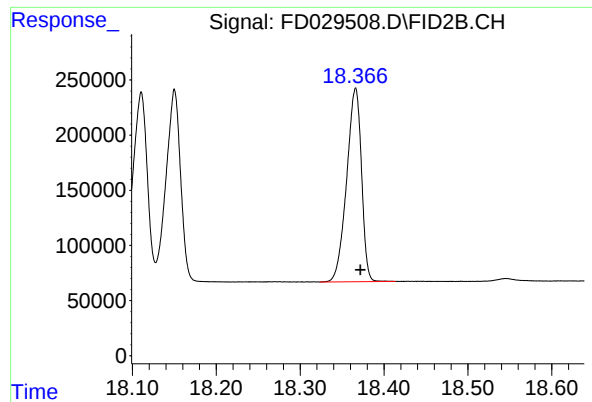
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.111 min
Delta R.T.: -0.007 min
Response: 2133046
Conc: 18.08 ug/ml



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

R.T.: 18.150 min
Delta R.T.: -0.008 min
Response: 2105440
Conc: 18.19 ug/ml



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

R.T.: 18.366 min
Delta R.T.: -0.006 min
Response: 2154739
Conc: 18.56 ug/ml