

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090820AR\
 Data File : FD034669.D
 Signal(s) : FID2B.CH
 Acq On : 08 Sep 2020 14:12
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 09 02:23:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 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...	7.686	2029203	19.784 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
6) S 2-Fluorobiphenyl (SURR)	8.552	1417925	19.707 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.41%
11) S ortho-Terphenyl (SURR)	11.592	2325196	19.409 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.479	2280049	20.139 ug/ml
2) T Naphthalene (C11.7)	6.023	2307965	19.773 ug/ml
3) T 2-Methylnaphthalene (...)	7.077	2337706	19.793 ug/ml
5) T Acenaphthylene (C15.06)	8.354	2272186	19.442 ug/ml
7) T Acenaphthene (C15.5)	8.649	2328079	19.567 ug/ml
8) T Fluorene (C16.55)	9.431	2248746	19.504 ug/ml
9) T Phenanthrene (C19.36)	10.829	2246504	19.267 ug/ml
10) T Anthracene (C19.43)	10.904	2134916	18.741 ug/ml
12) T Fluoranthene (C21.85)	12.642	2244403	19.247 ug/ml
13) T Pyrene (C20.8)	12.940	2164958	19.077 ug/ml
14) T Benzo[a]anthracene (C...	14.812	2102508	19.051 ug/ml
15) T Chrysene (C27.41)	14.853	2126650	19.040 ug/ml
16) T benzo[b]fluoranthene ...	16.393	2048174	19.122 ug/ml
17) T Bnezo[k]fluoranthene ...	16.393	2048174	19.316 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.740	2045664	19.426 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.143	2052123	20.257 ug/ml
20) T Dibenz[a,h]anthracene...	18.143	2052123	20.198 ug/ml
21) T Benzo[g,h,i]perylene ...	18.359	2034712	20.151 ug/ml

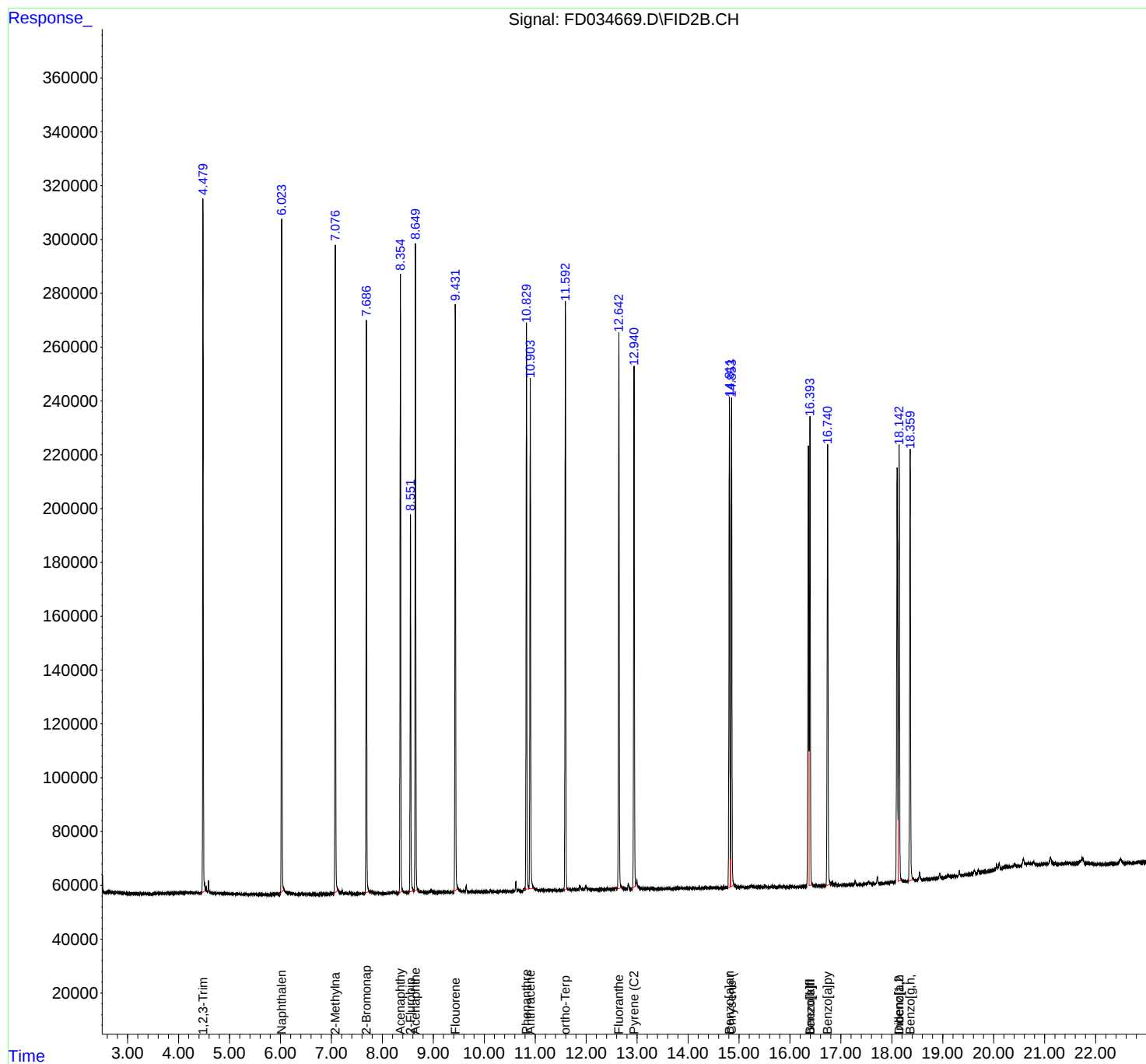
(f)=RT Delta > 1/2 Window

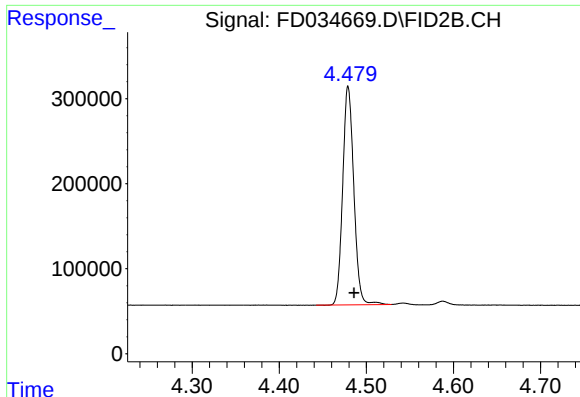
(m)=manual int.

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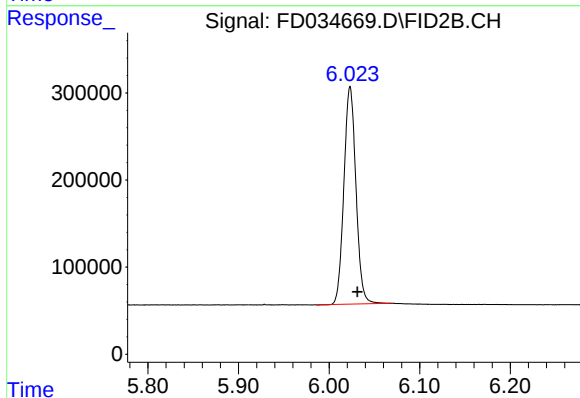
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





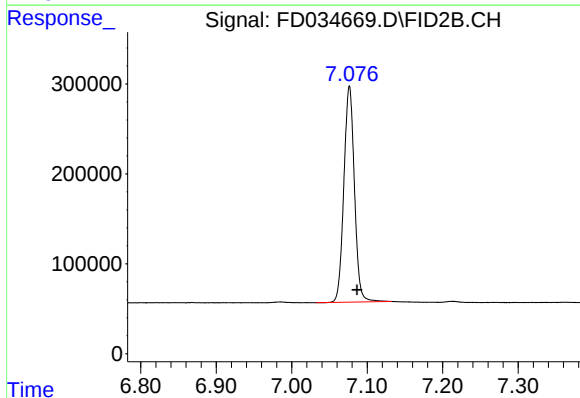
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.479 min
Delta R.T.: -0.007 min
Response: 2280049
Conc: 20.14 ug/ml



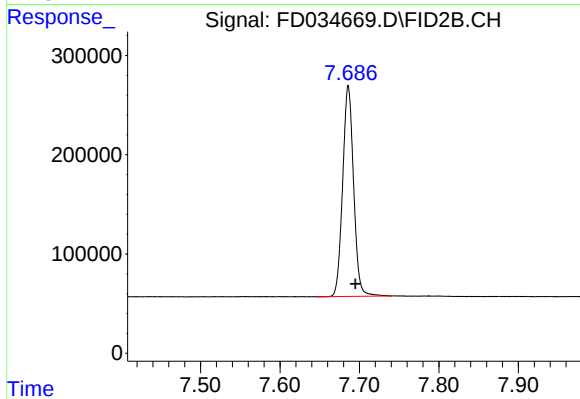
#2 Naphthalene (C11.7)

R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 2307965
Conc: 19.77 ug/ml



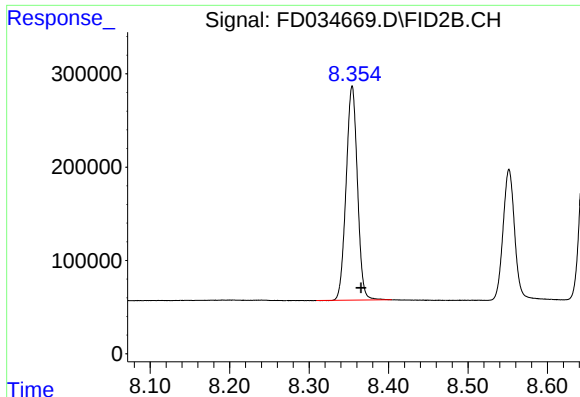
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.077 min
Delta R.T.: -0.010 min
Response: 2337706
Conc: 19.79 ug/ml



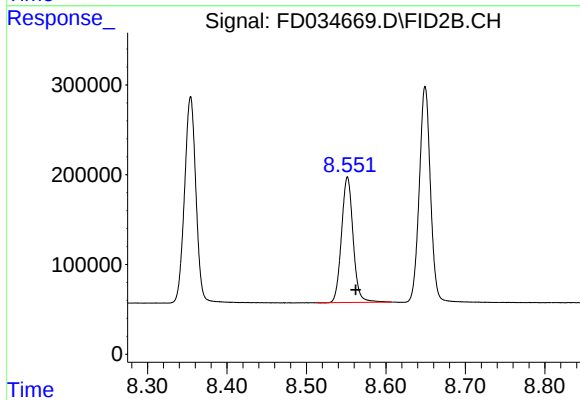
#4 2-Bromonaphthalene (SURR)

R.T.: 7.686 min
Delta R.T.: -0.009 min
Response: 2029203
Conc: 19.78 ug/ml



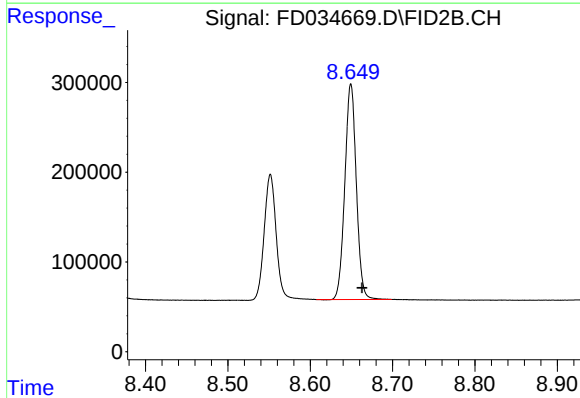
#5 Acenaphthylene (C15.06)

R.T.: 8.354 min
Delta R.T.: -0.011 min
Response: 2272186
Conc: 19.44 ug/ml



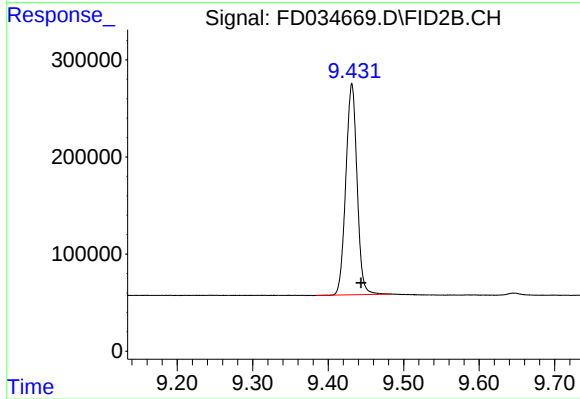
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.552 min
Delta R.T.: -0.010 min
Response: 1417925
Conc: 19.71 ug/ml



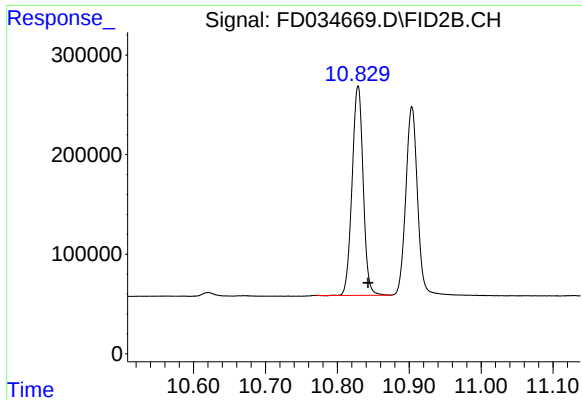
#7 Acenaphthene (C15.5)

R.T.: 8.649 min
Delta R.T.: -0.014 min
Response: 2328079
Conc: 19.57 ug/ml



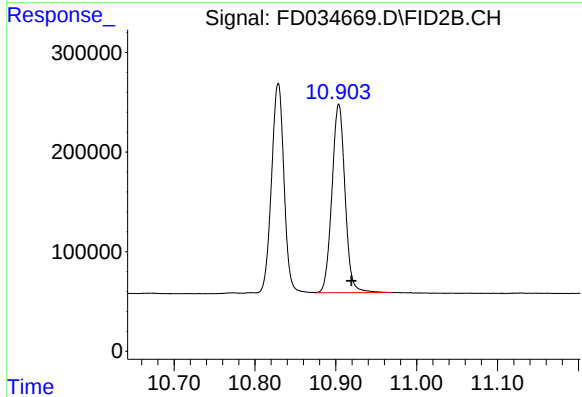
#8 Flouorene (C16.55)

R.T.: 9.431 min
Delta R.T.: -0.012 min
Response: 2248746
Conc: 19.50 ug/ml



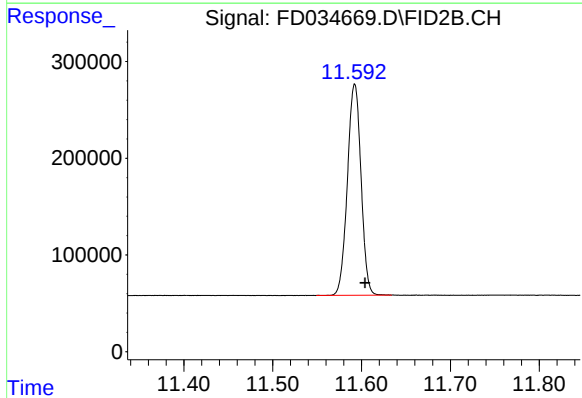
#9 Phenanthrene (C19.36)

R.T.: 10.829 min
Delta R.T.: -0.014 min
Response: 2246504
Conc: 19.27 ug/ml



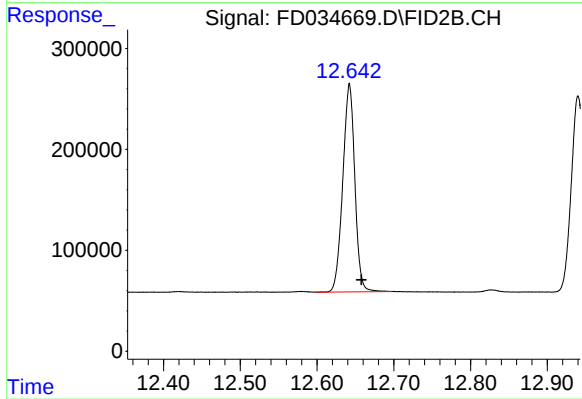
#10 Anthracene (C19.43)

R.T.: 10.904 min
Delta R.T.: -0.015 min
Response: 2134916
Conc: 18.74 ug/ml



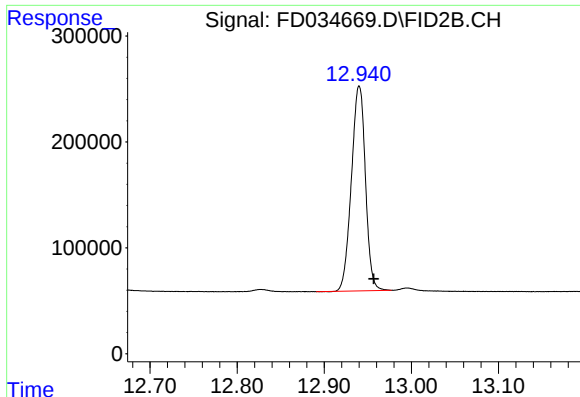
#11 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: -0.012 min
Response: 2325196
Conc: 19.41 ug/ml



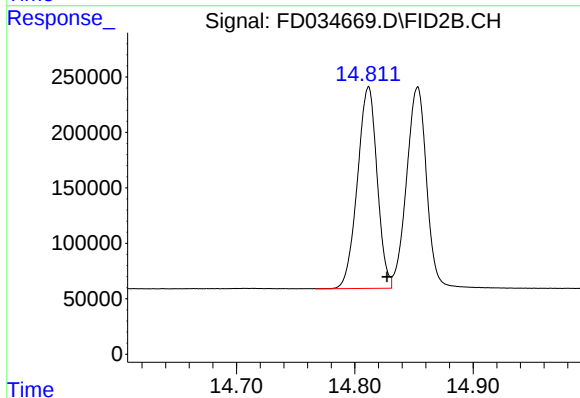
#12 Fluoranthene (C21.85)

R.T.: 12.642 min
Delta R.T.: -0.016 min
Response: 2244403
Conc: 19.25 ug/ml



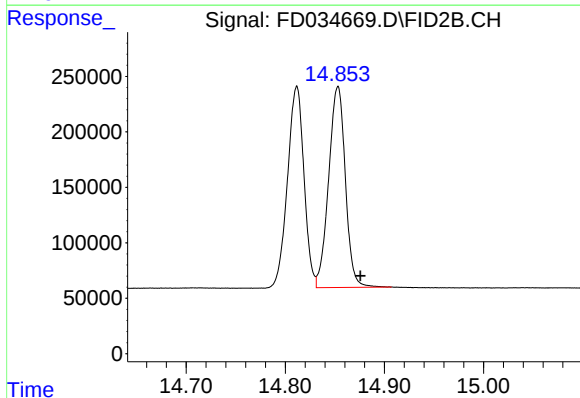
#13 Pyrene (C20.8)

R.T.: 12.940 min
Delta R.T.: -0.017 min
Response: 2164958
Conc: 19.08 ug/ml



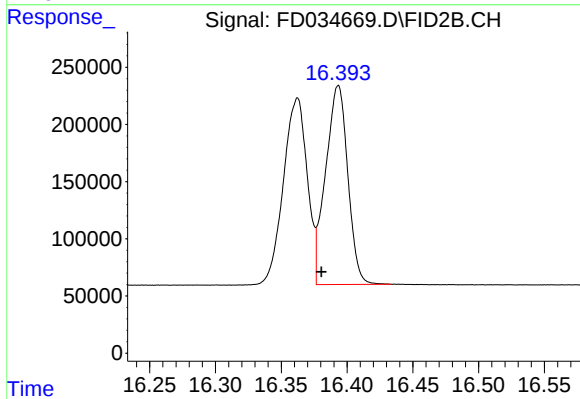
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.812 min
Delta R.T.: -0.016 min
Response: 2102508
Conc: 19.05 ug/ml



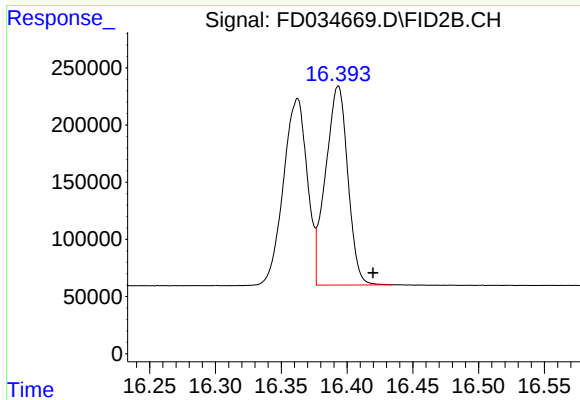
#15 Chrysene (C27.41)

R.T.: 14.853 min
Delta R.T.: -0.022 min
Response: 2126650
Conc: 19.04 ug/ml



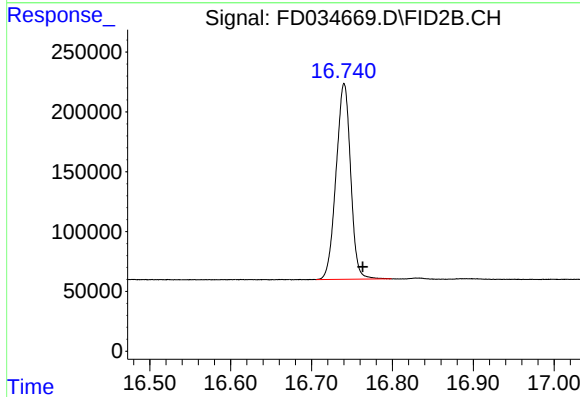
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.393 min
Delta R.T.: 0.013 min
Response: 2048174
Conc: 19.12 ug/ml



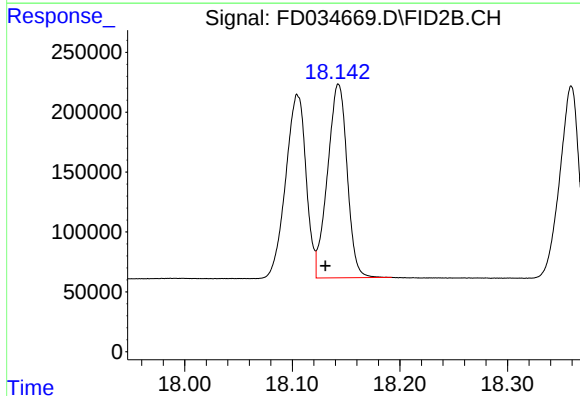
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.393 min
Delta R.T.: -0.027 min
Response: 2048174
Conc: 19.32 ug/ml



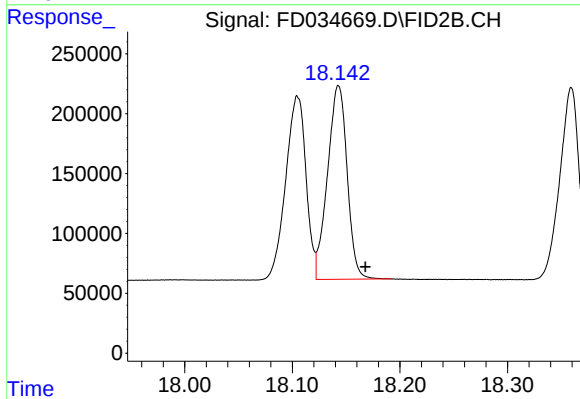
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.740 min
Delta R.T.: -0.023 min
Response: 2045664
Conc: 19.43 ug/ml



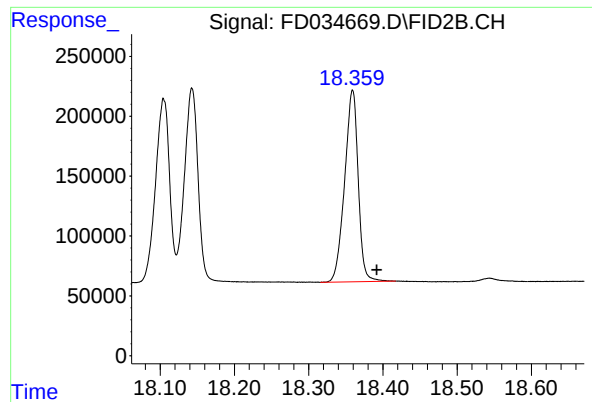
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.143 min
Delta R.T.: 0.012 min
Response: 2052123
Conc: 20.26 ug/ml



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

R.T.: 18.143 min
Delta R.T.: -0.025 min
Response: 2052123
Conc: 20.20 ug/ml



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

R.T.: 18.359 min
Delta R.T.: -0.033 min
Response: 2034712
Conc: 20.15 ug/ml