

Data Path : P:\HPCHEM1\FID_D\Data\FD030918AR\
 Data File : FD022444.D
 Signal(s) : FID2B.CH
 Acq On : 09 Mar 2018 10:39
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 09 16:39:22 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 2018
 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...	7.332	1652516	19.725 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
6) S 2-Fluorobiphenyl (SURR)	8.191	1002910	19.837 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.67%
11) S ortho-Terphenyl (SURR)	11.214	2073374	21.848 ug/ml
Spiked Amount 50.000		Recovery =	43.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.139	1792899	20.303 ug/ml
2) T Naphthalene (C11.7)	5.671	1773457	19.826 ug/ml
3) T 2-Methylnaphthalene (...)	6.719	1769476	19.483 ug/ml
5) T Acenaphthylene (C15.06)	7.986	1926693	20.118 ug/ml
7) T Acenaphthene (C15.5)	8.279	1893894	18.488 ug/mlm
8) T Flouorene (C16.55)	9.062	1967401	20.982 ug/ml
9) T Phenanthrene (C19.36)	10.453	2076649	22.288 ug/ml
10) T Anthracene (C19.43)	10.530	2104326	22.191 ug/ml
12) T Fluoranthene (C21.85)	12.264	2206278	21.996 ug/ml
13) T Pyrene (C20.8)	12.557	2207367	21.727 ug/ml
14) T Benzo[a]anthracene (C...	14.477	2240463	23.234 ug/ml
15) T Chrysene (C27.41)	14.477	2240463	20.758 ug/ml
16) T benzo[b]fluoranthene ...	16.023	2325731	23.135 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	2325731	20.496 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.375	2141022	20.373 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.782	2526224	26.515 ug/ml
20) T Dibenz[a,h]anthracene...	17.782	2526224	22.231 ug/ml
21) T Benzo[g,h,i]perylene ...	18.007	1797566	17.307 ug/ml

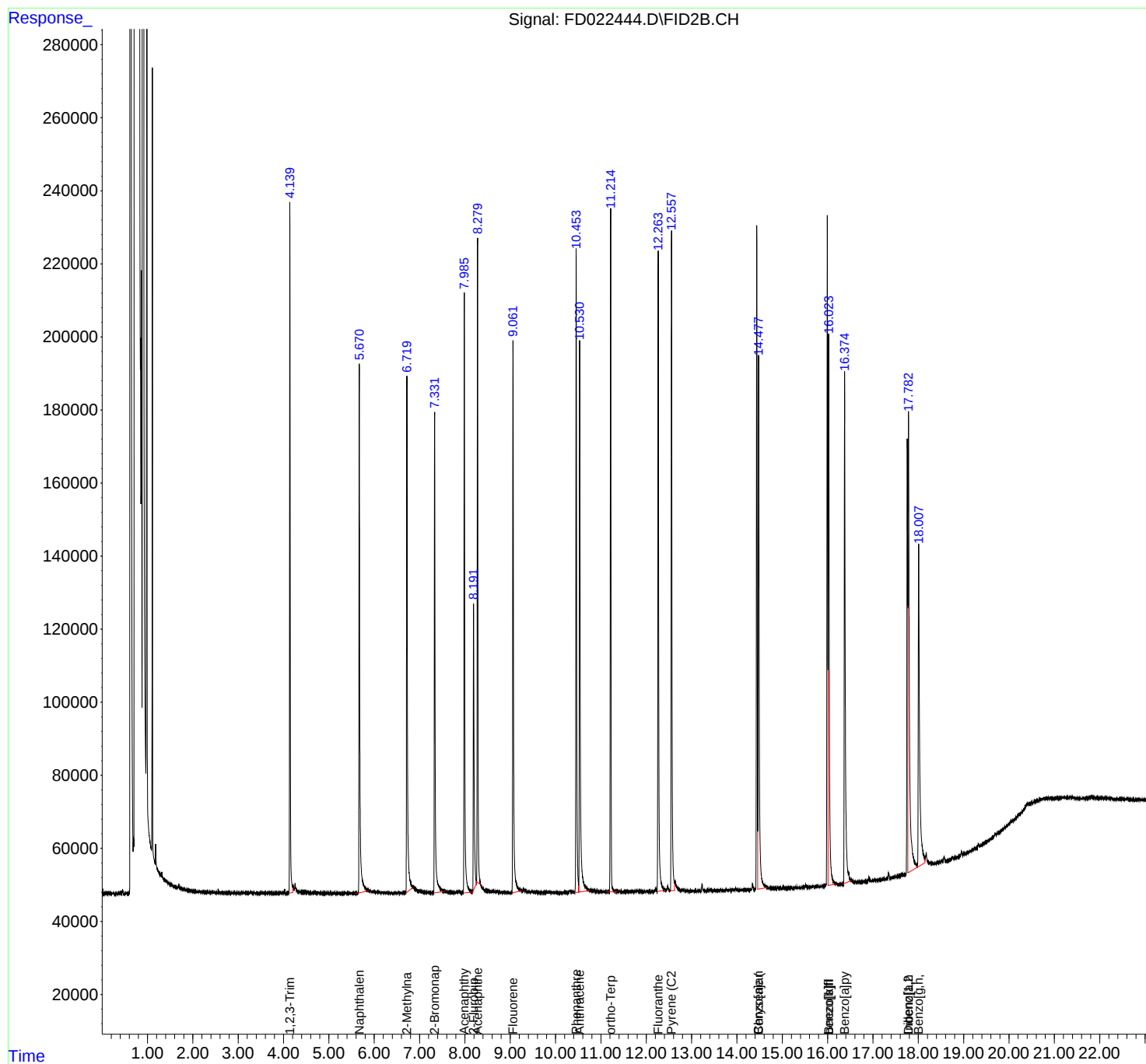
(f)=RT Delta > 1/2 Window

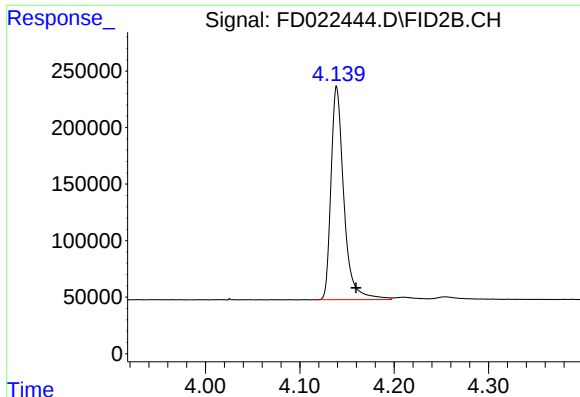
(m)=manual int.

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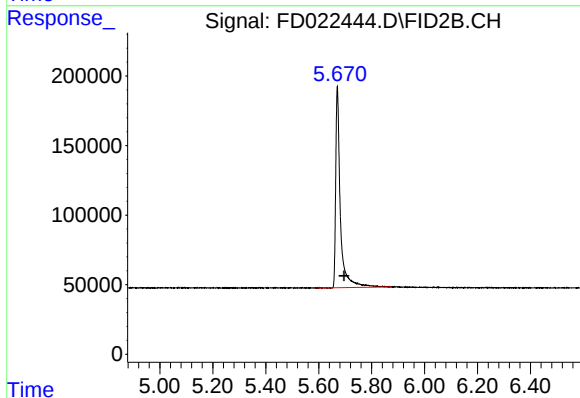
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Signal Info : 20M x 0.18mm x 0.18µm





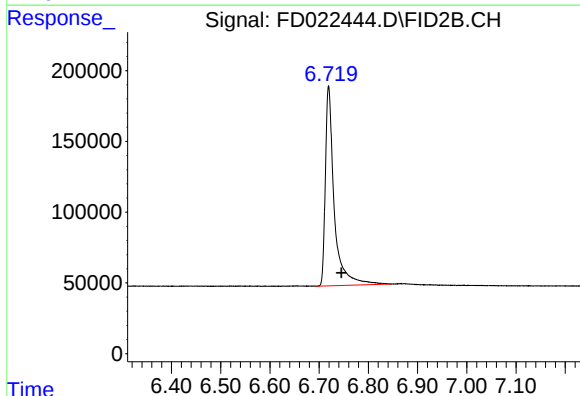
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.139 min
Delta R.T.: -0.020 min
Response: 1792899
Conc: 20.30 ug/ml



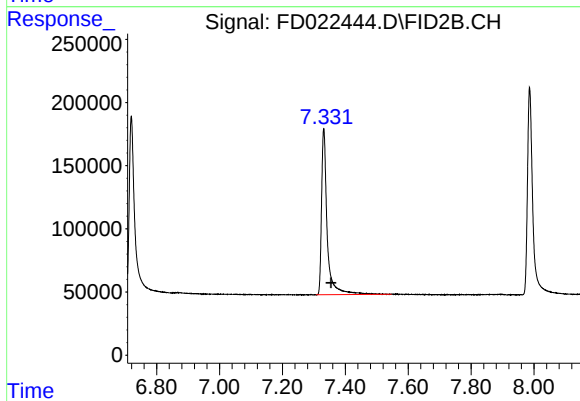
#2 Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: -0.026 min
Response: 1773457
Conc: 19.83 ug/ml



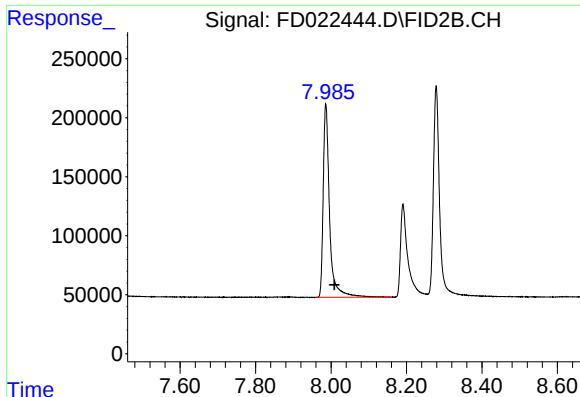
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.026 min
Response: 1769476
Conc: 19.48 ug/ml



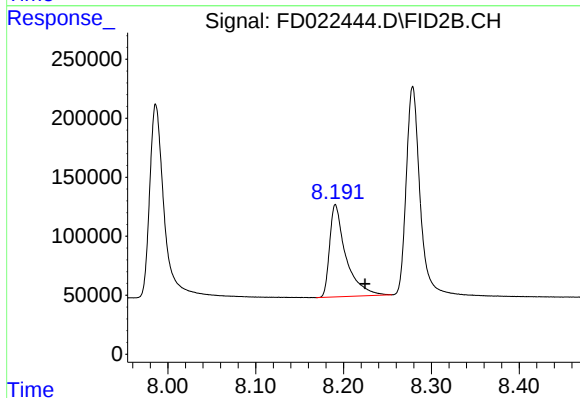
#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: -0.024 min
Response: 1652516
Conc: 19.73 ug/ml



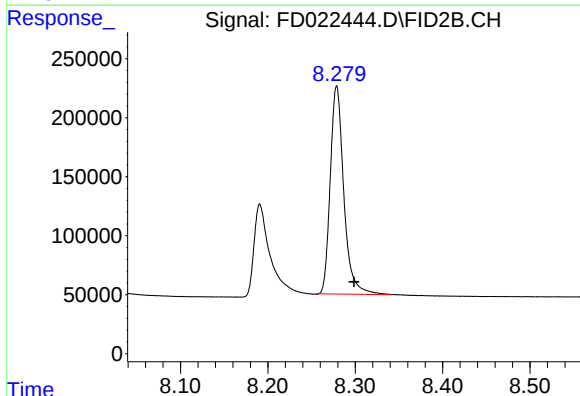
#5 Acenaphthylene (C15.06)

R.T.: 7.986 min
Delta R.T.: -0.022 min
Response: 1926693
Conc: 20.12 ug/ml



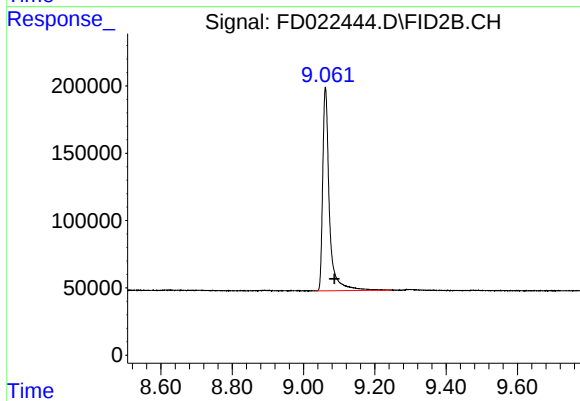
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.191 min
Delta R.T.: -0.034 min
Response: 1002910
Conc: 19.84 ug/ml



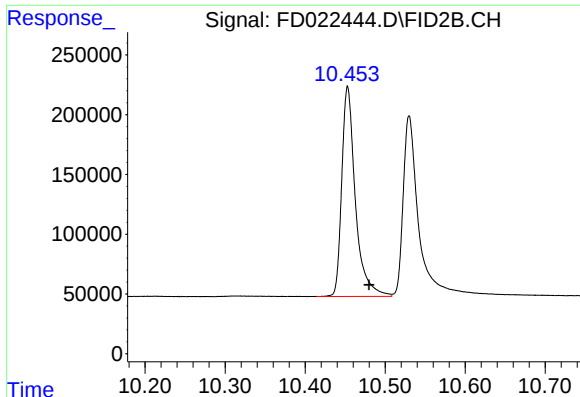
#7 Acenaphthene (C15.5)

R.T.: 8.279 min
Delta R.T.: -0.020 min
Response: 1893894
Conc: 18.49 ug/ml m



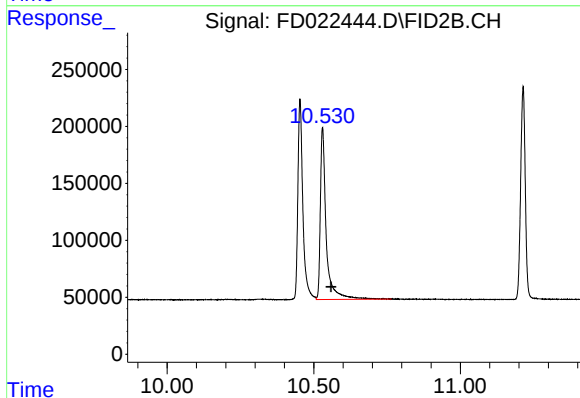
#8 Fluorene (C16.55)

R.T.: 9.062 min
Delta R.T.: -0.025 min
Response: 1967401
Conc: 20.98 ug/ml



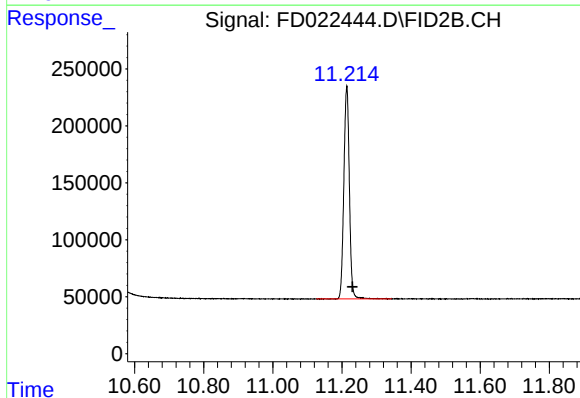
#9 Phenanthrene (C19.36)

R.T.: 10.453 min
Delta R.T.: -0.027 min
Response: 2076649
Conc: 22.29 ug/ml



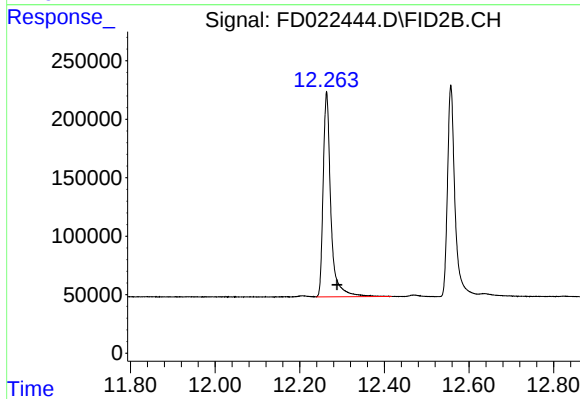
#10 Anthracene (C19.43)

R.T.: 10.530 min
Delta R.T.: -0.029 min
Response: 2104326
Conc: 22.19 ug/ml



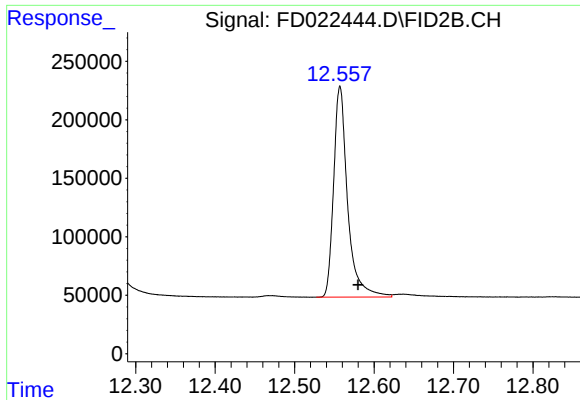
#11 ortho-Terphenyl (SURR)

R.T.: 11.214 min
Delta R.T.: -0.016 min
Response: 2073374
Conc: 21.85 ug/ml



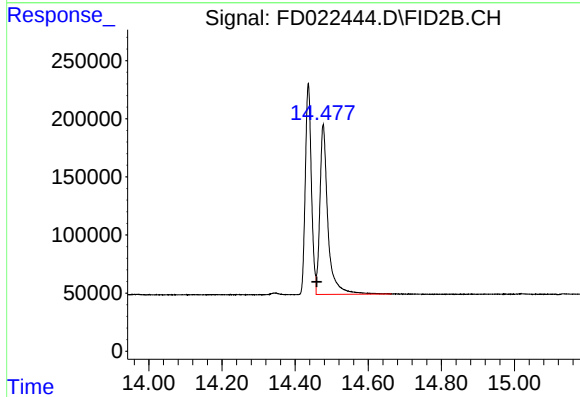
#12 Fluoranthene (C21.85)

R.T.: 12.264 min
Delta R.T.: -0.024 min
Response: 2206278
Conc: 22.00 ug/ml



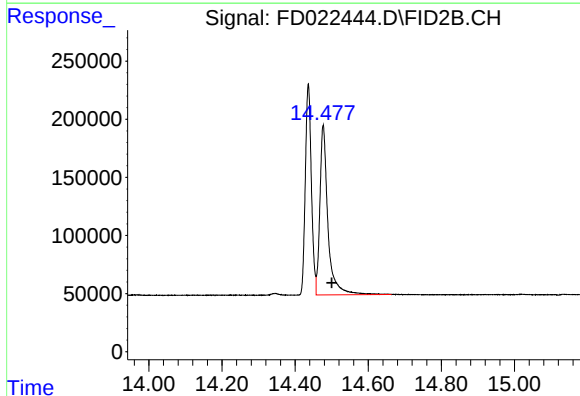
#13 Pyrene (C20.8)

R.T.: 12.557 min
Delta R.T.: -0.023 min
Response: 2207367
Conc: 21.73 ug/ml



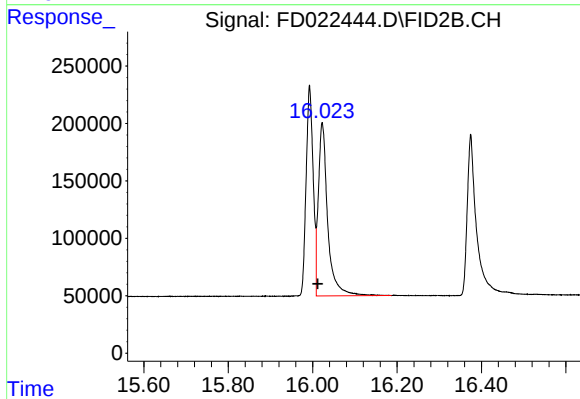
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.477 min
Delta R.T.: 0.018 min
Response: 2240463
Conc: 23.23 ug/ml



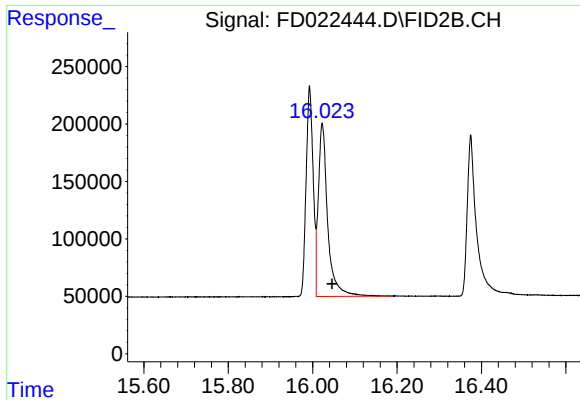
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: -0.023 min
Response: 2240463
Conc: 20.76 ug/ml



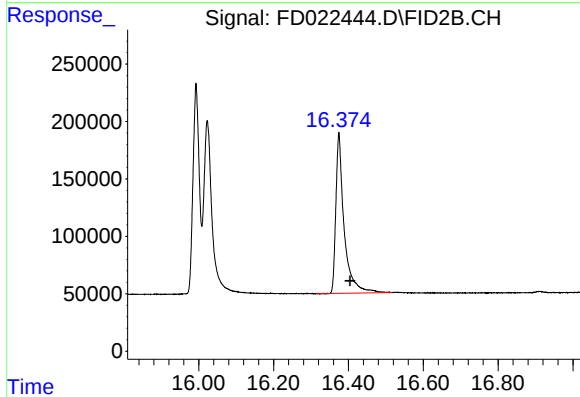
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.023 min
Delta R.T.: 0.011 min
Response: 2325731
Conc: 23.13 ug/ml



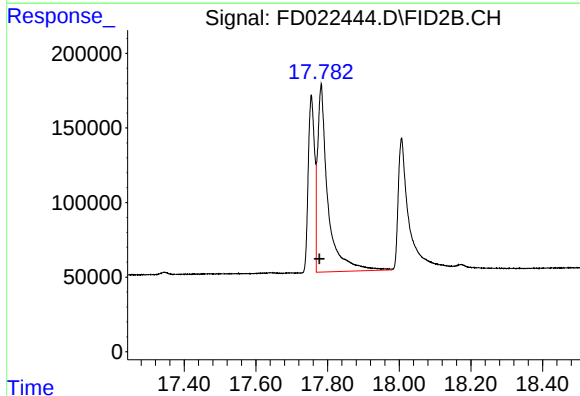
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.023 min
Delta R.T.: -0.023 min
Response: 2325731
Conc: 20.50 ug/ml



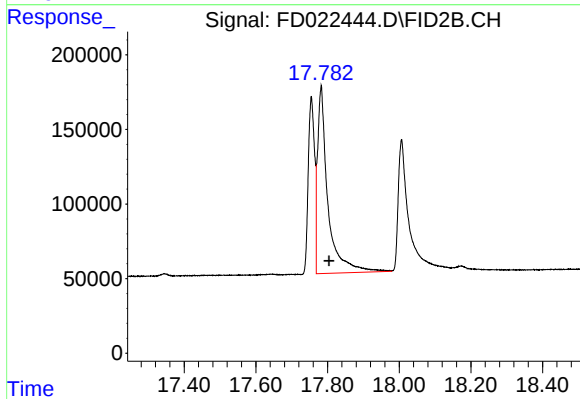
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.375 min
Delta R.T.: -0.030 min
Response: 2141022
Conc: 20.37 ug/ml



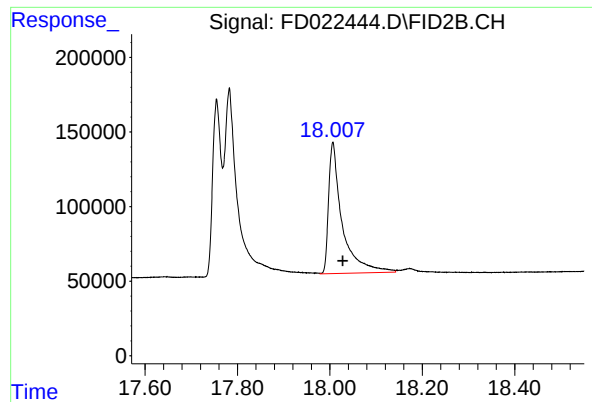
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.782 min
Delta R.T.: 0.005 min
Response: 2526224
Conc: 26.52 ug/ml



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

R.T.: 17.782 min
Delta R.T.: -0.022 min
Response: 2526224
Conc: 22.23 ug/ml



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

R.T.: 18.007 min
Delta R.T.: -0.021 min
Response: 1797566
Conc: 17.31 ug/ml