

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092420AR\
 Data File : FD034881.D
 Signal(s) : FID2B.CH
 Acq On : 24 Sep 2020 20:53
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 25 03:21:50 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...	7.681	2065383	20.137 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
6) S 2-Fluorobiphenyl (SURR)	8.546	1420788	19.747 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.49%
11) S ortho-Terphenyl (SURR)	11.586	2363327	19.727 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	2363561	20.877 ug/ml
2) T Naphthalene (C11.7)	6.018	2377303	20.367 ug/ml
3) T 2-Methylnaphthalene (...)	7.071	2391414	20.248 ug/ml
5) T Acenaphthylene (C15.06)	8.348	2295803	19.644 ug/ml
7) T Acenaphthene (C15.5)	8.644	2368641	19.908 ug/ml
8) T Flouorene (C16.55)	9.425	2264830	19.643 ug/ml
9) T Phenanthrene (C19.36)	10.823	2297563	19.705 ug/ml
10) T Anthracene (C19.43)	10.897	1941817	17.045 ug/ml
12) T Fluoranthene (C21.85)	12.637	2273456	19.496 ug/ml
13) T Pyrene (C20.8)	12.933	2206387	19.442 ug/ml
14) T Benzo[a]anthracene (C...	14.848	2198806	19.923 ug/ml
15) T Chrysene (C27.41)	14.848	2198806	19.686 ug/ml
16) T benzo[b]fluoranthene ...	16.389	2156082	20.129 ug/ml
17) T Bnezo[k]fluoranthene ...	16.389	2156082	20.334 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.736	2152036	20.436 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.139	2193782	21.655 ug/ml
20) T Dibenz[a,h]anthracene...	18.139	2193782	21.592 ug/ml
21) T Benzo[g,h,i]perylene ...	18.356	2173180	21.522 ug/ml

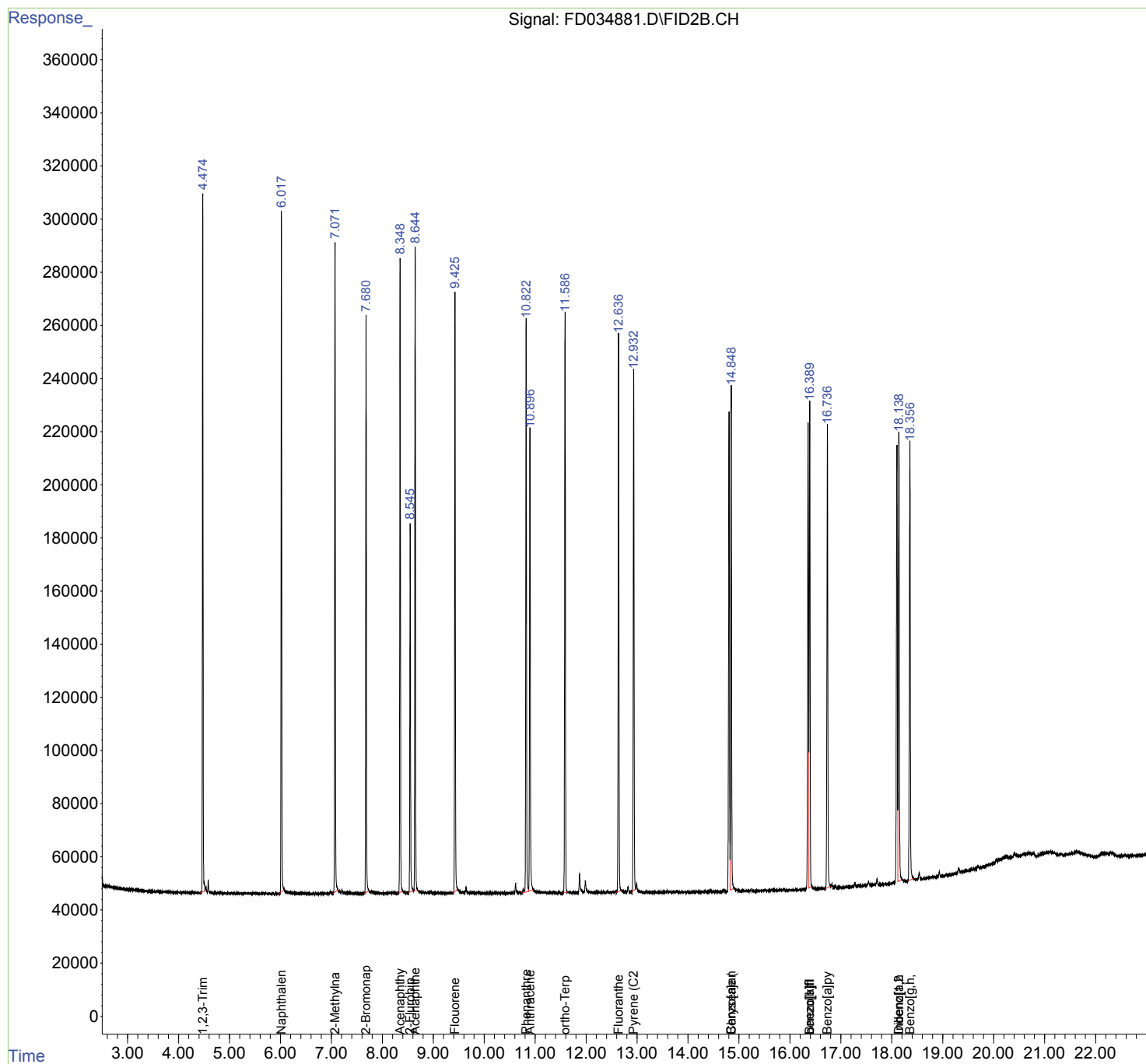
(f)=RT Delta > 1/2 Window

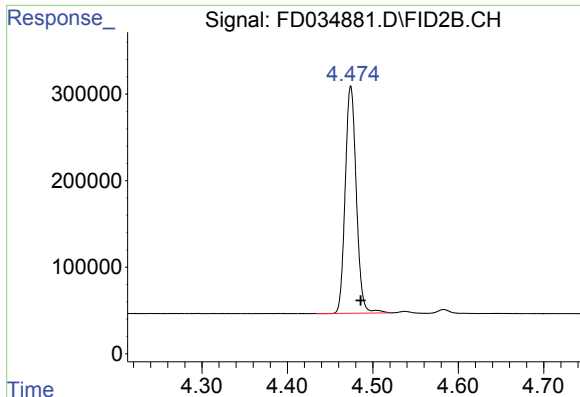
(m)=manual int.

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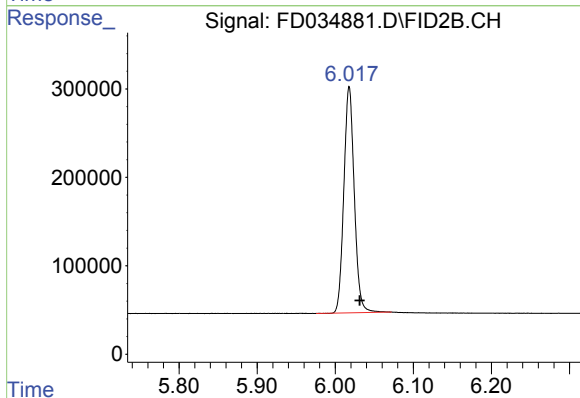
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





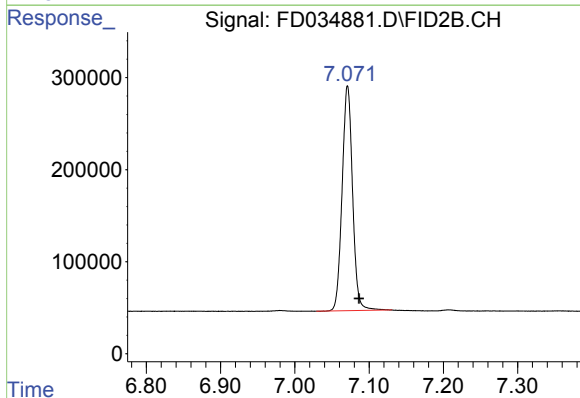
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.474 min
Delta R.T.: -0.012 min
Response: 2363561
Conc: 20.88 ug/ml



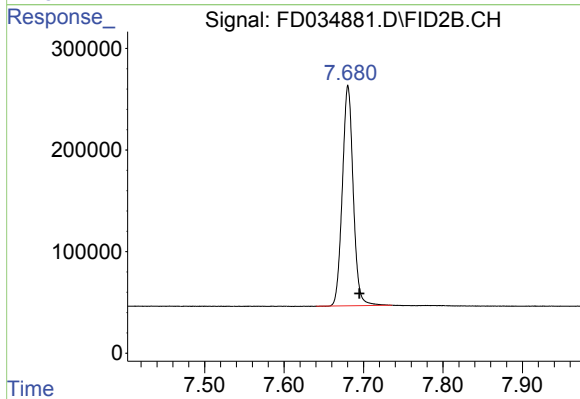
#2 Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: -0.013 min
Response: 2377303
Conc: 20.37 ug/ml



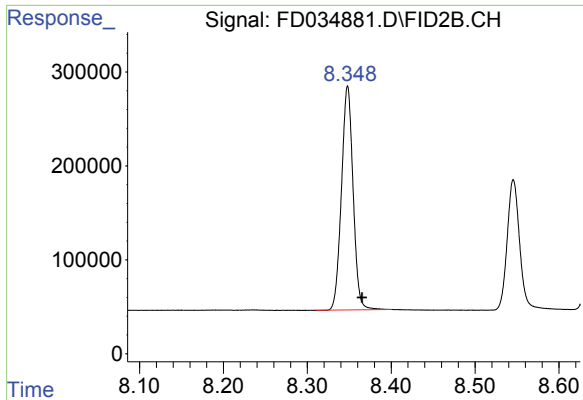
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.015 min
Response: 2391414
Conc: 20.25 ug/ml



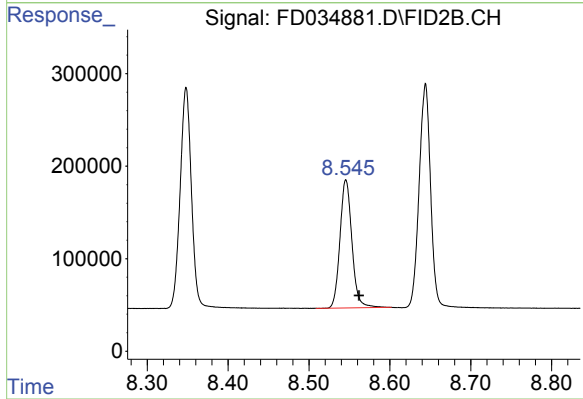
#4 2-Bromonaphthalene (SURR)

R.T.: 7.681 min
Delta R.T.: -0.014 min
Response: 2065383
Conc: 20.14 ug/ml



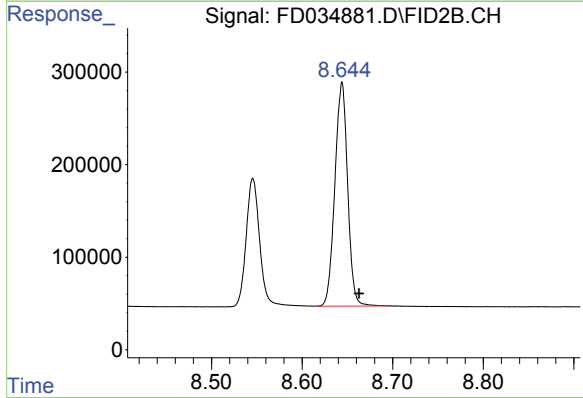
#5 Acenaphthylene (C15.06)

R.T.: 8.348 min
Delta R.T.: -0.017 min
Response: 2295803
Conc: 19.64 ug/ml



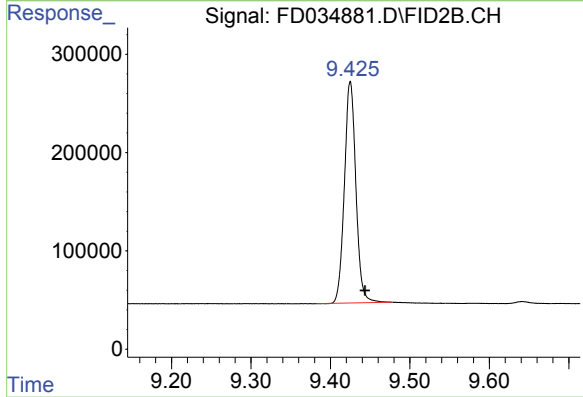
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.546 min
Delta R.T.: -0.016 min
Response: 1420788
Conc: 19.75 ug/ml



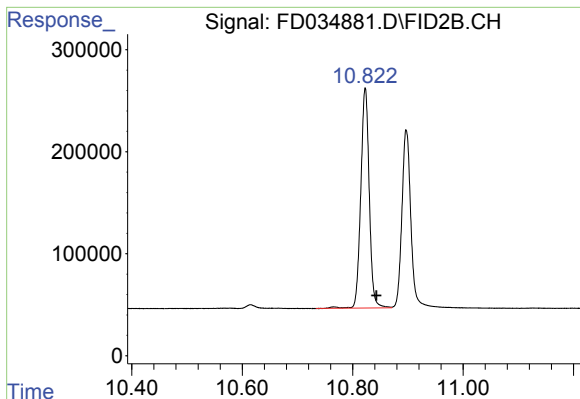
#7 Acenaphthene (C15.5)

R.T.: 8.644 min
Delta R.T.: -0.019 min
Response: 2368641
Conc: 19.91 ug/ml



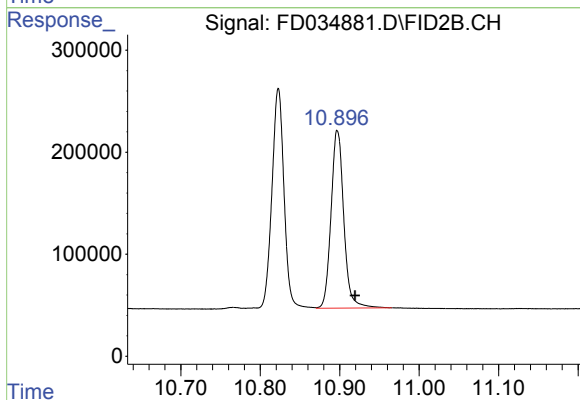
#8 Fluorene (C16.55)

R.T.: 9.425 min
Delta R.T.: -0.018 min
Response: 2264830
Conc: 19.64 ug/ml



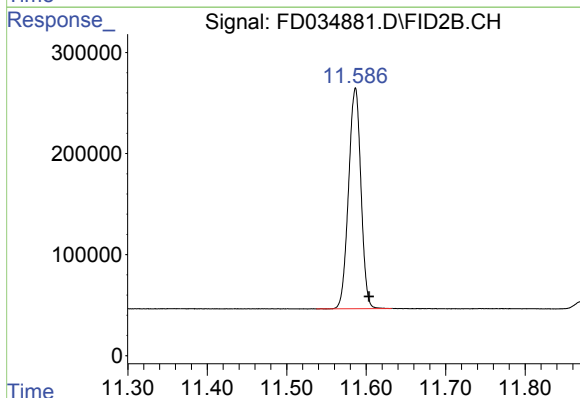
#9 Phenanthrene (C19.36)

R.T.: 10.823 min
Delta R.T.: -0.020 min
Response: 2297563
Conc: 19.70 ug/ml



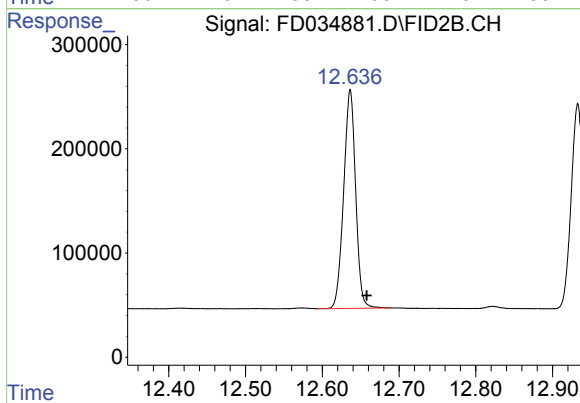
#10 Anthracene (C19.43)

R.T.: 10.897 min
Delta R.T.: -0.022 min
Response: 1941817
Conc: 17.05 ug/ml



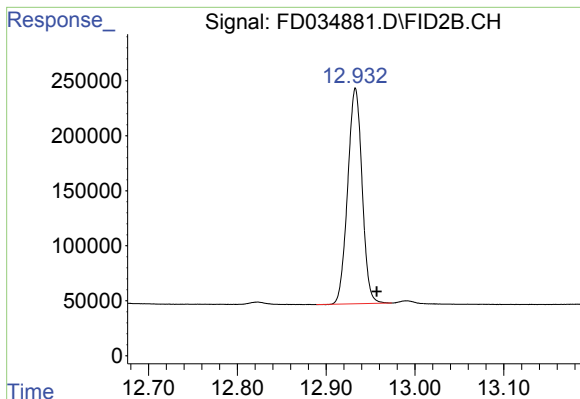
#11 ortho-Terphenyl (SURR)

R.T.: 11.586 min
Delta R.T.: -0.017 min
Response: 2363327
Conc: 19.73 ug/ml



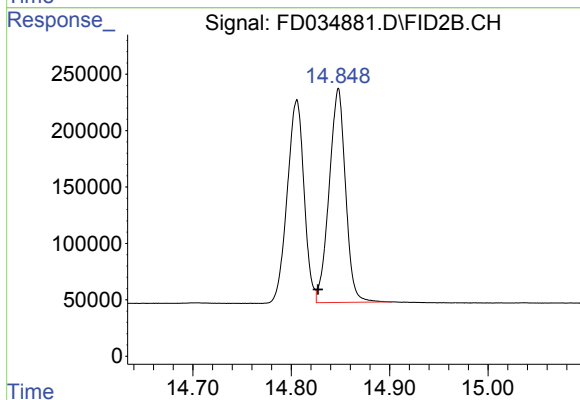
#12 Fluoranthene (C21.85)

R.T.: 12.637 min
Delta R.T.: -0.021 min
Response: 2273456
Conc: 19.50 ug/ml



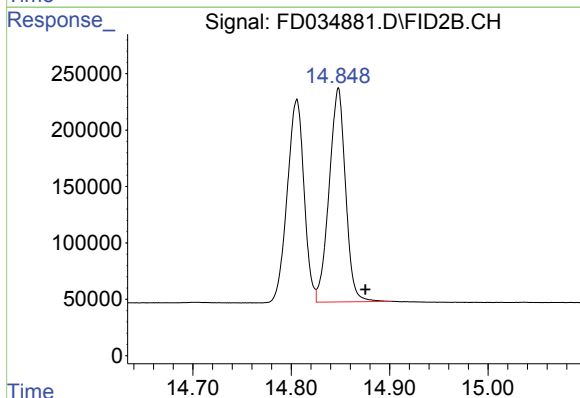
#13 Pyrene (C20.8)

R.T.: 12.933 min
Delta R.T.: -0.024 min
Response: 2206387
Conc: 19.44 ug/ml



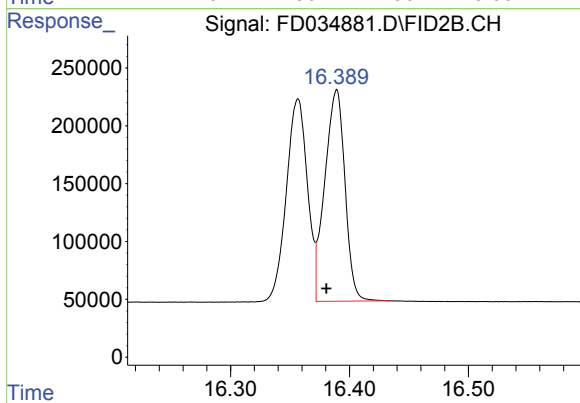
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.848 min
Delta R.T.: 0.021 min
Response: 2198806
Conc: 19.92 ug/ml



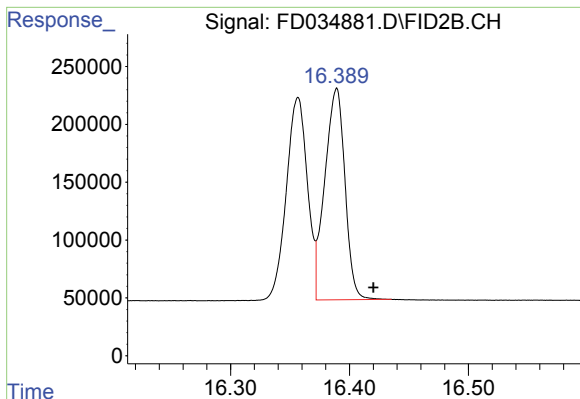
#15 Chrysene (C27.41)

R.T.: 14.848 min
Delta R.T.: -0.028 min
Response: 2198806
Conc: 19.69 ug/ml



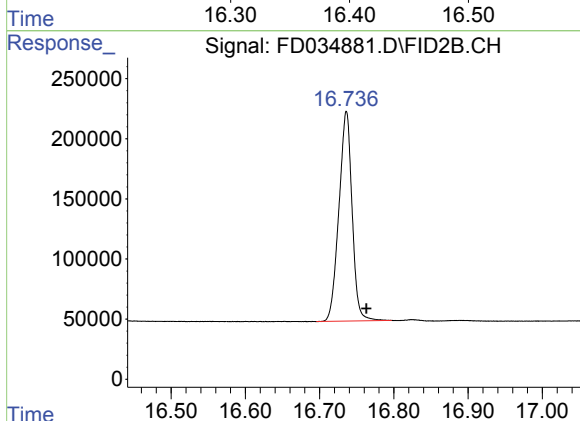
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.389 min
Delta R.T.: 0.009 min
Response: 2156082
Conc: 20.13 ug/ml



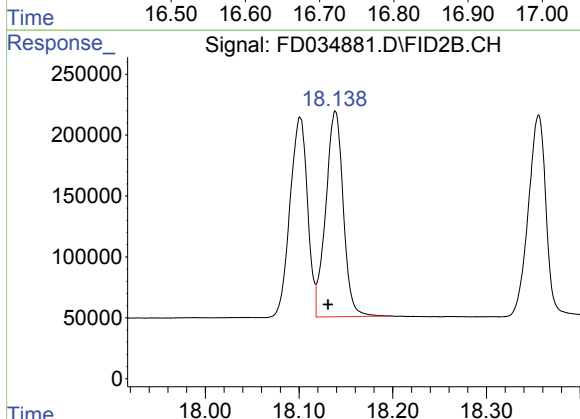
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.389 min
Delta R.T.: -0.031 min
Response: 2156082
Conc: 20.33 ug/ml



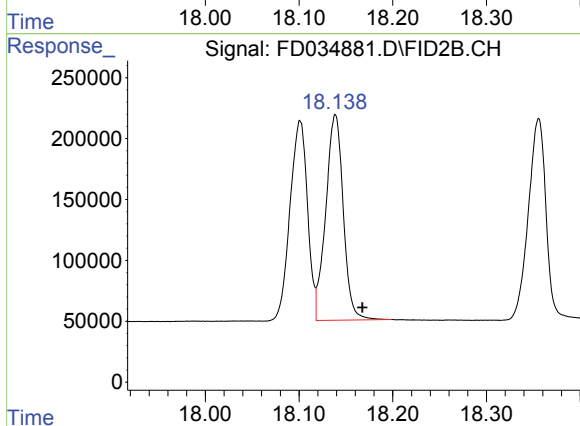
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.736 min
Delta R.T.: -0.027 min
Response: 2152036
Conc: 20.44 ug/ml



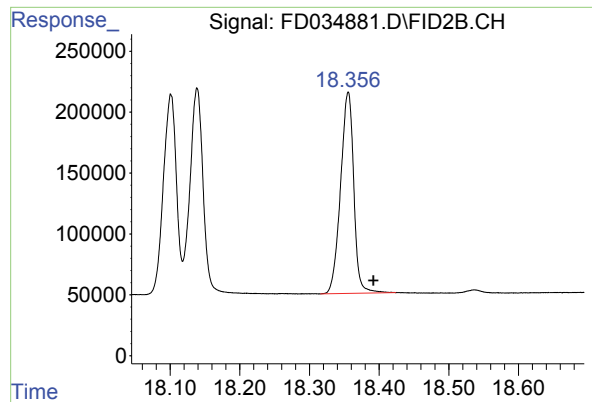
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.139 min
Delta R.T.: 0.008 min
Response: 2193782
Conc: 21.66 ug/ml



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

R.T.: 18.139 min
Delta R.T.: -0.029 min
Response: 2193782
Conc: 21.59 ug/ml



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

R.T.: 18.356 min
Delta R.T.: -0.036 min
Response: 2173180
Conc: 21.52 ug/ml