

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092520AR\
 Data File : FD034884.D
 Signal(s) : FID2B.CH
 Acq On : 25 Sep 2020 9:50
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 01:03:36 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...	7.679	2108962	20.562 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
6) S 2-Fluorobiphenyl (SURR)	8.545	1456522	20.243 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.49%
11) S ortho-Terphenyl (SURR)	11.586	2425034	20.242 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	2425108	21.420 ug/ml
2) T Naphthalene (C11.7)	6.017	2433474	20.848 ug/ml
3) T 2-Methylnaphthalene (...)	7.070	2454147	20.779 ug/ml
5) T Acenaphthylene (C15.06)	8.347	2346952	20.082 ug/ml
7) T Acenaphthene (C15.5)	8.643	2428022	20.407 ug/ml
8) T Fluorene (C16.55)	9.424	2328224	20.193 ug/ml
9) T Phenanthrene (C19.36)	10.822	2318737	19.887 ug/ml
10) T Anthracene (C19.43)	10.897	1970917	17.301 ug/ml
12) T Fluoranthene (C21.85)	12.635	2338032	20.050 ug/ml
13) T Pyrene (C20.8)	12.933	2266837	19.975 ug/ml
14) T Benzo[a]anthracene (C...	14.846	2257741	20.457 ug/ml
15) T Chrysene (C27.41)	14.846	2257741	20.213 ug/ml
16) T benzo[b]fluoranthene ...	16.387	2214422	20.674 ug/ml
17) T Bnezo[k]fluoranthene ...	16.387	2214422	20.884 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.734	2203113	20.921 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.137	2229167	22.005 ug/ml
20) T Dibenz[a,h]anthracene...	18.137	2229167	21.940 ug/ml
21) T Benzo[g,h,i]perylene ...	18.354	2212487	21.912 ug/ml

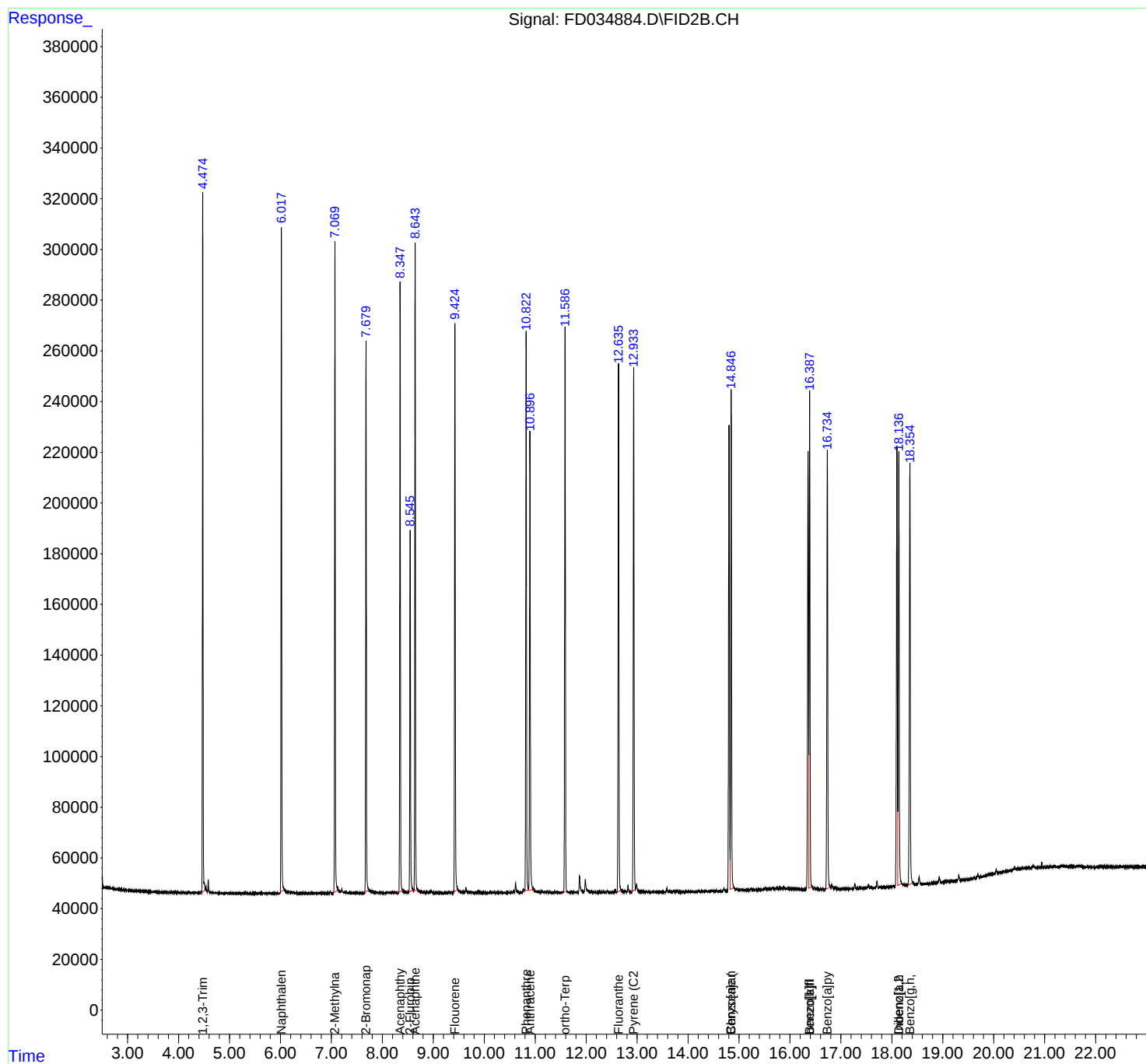
(f)=RT Delta > 1/2 Window

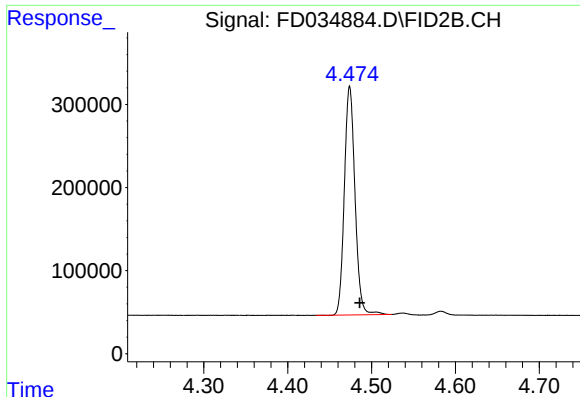
(m)=manual int.

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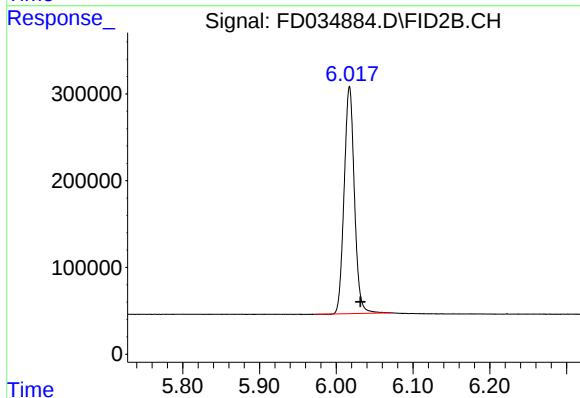
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





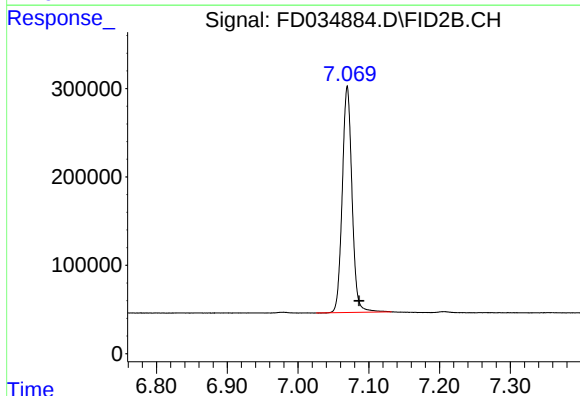
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.474 min
Delta R.T.: -0.012 min
Response: 2425108
Conc: 21.42 ug/ml



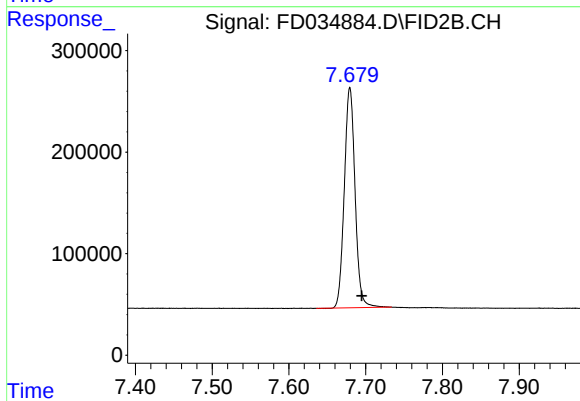
#2 Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: -0.014 min
Response: 2433474
Conc: 20.85 ug/ml



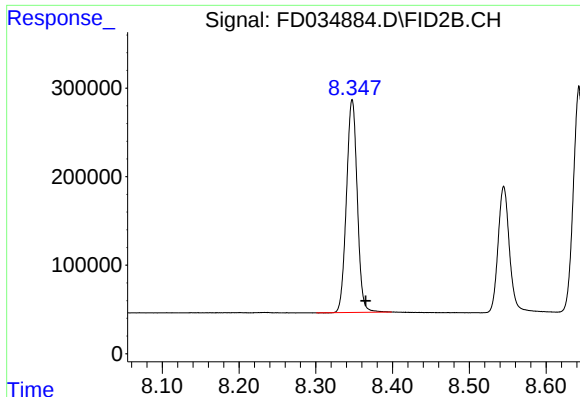
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.017 min
Response: 2454147
Conc: 20.78 ug/ml



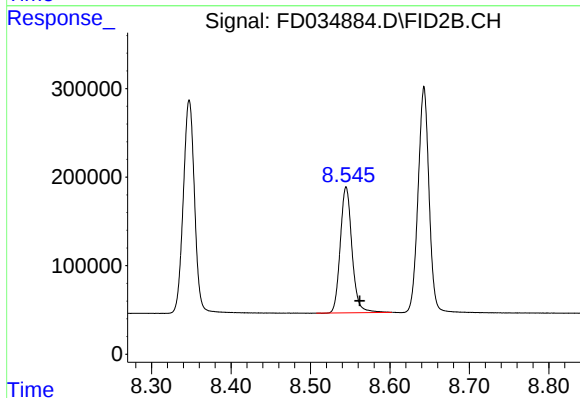
#4 2-Bromonaphthalene (SURR)

R.T.: 7.679 min
Delta R.T.: -0.015 min
Response: 2108962
Conc: 20.56 ug/ml



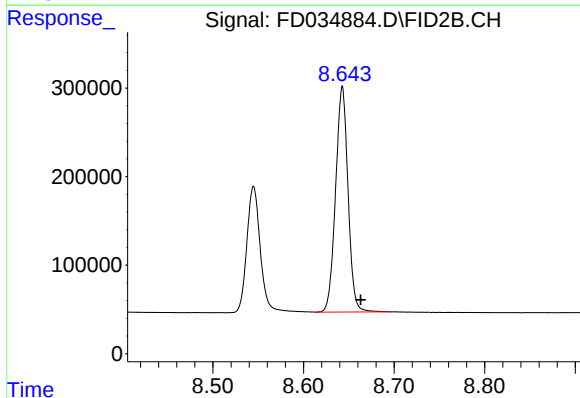
#5 Acenaphthylene (C15.06)

R.T.: 8.347 min
Delta R.T.: -0.018 min
Response: 2346952
Conc: 20.08 ug/ml



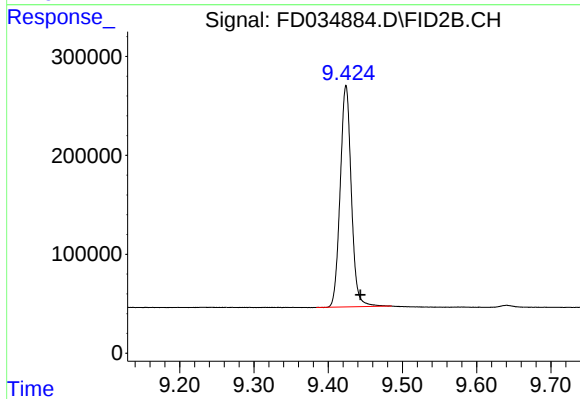
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.545 min
Delta R.T.: -0.017 min
Response: 1456522
Conc: 20.24 ug/ml



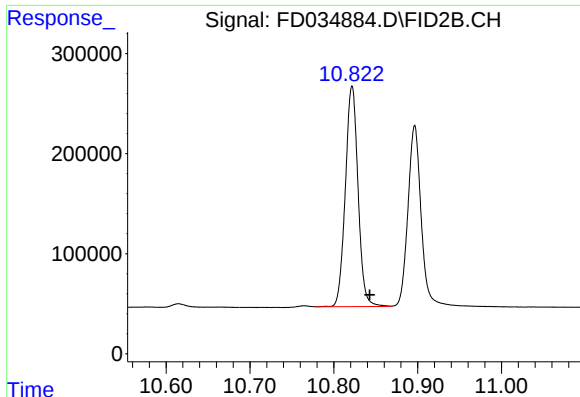
#7 Acenaphthene (C15.5)

R.T.: 8.643 min
Delta R.T.: -0.020 min
Response: 2428022
Conc: 20.41 ug/ml



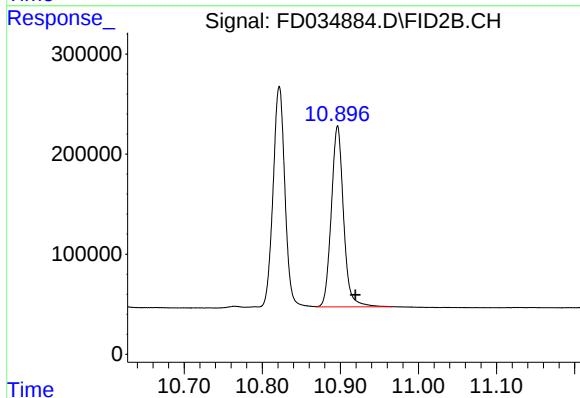
#8 Fluorene (C16.55)

R.T.: 9.424 min
Delta R.T.: -0.019 min
Response: 2328224
Conc: 20.19 ug/ml



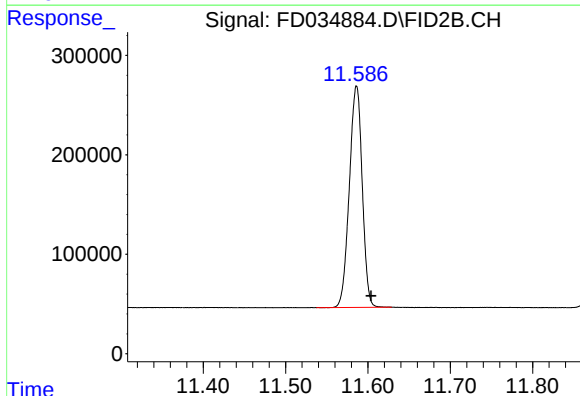
#9 Phenanthrene (C19.36)

R.T.: 10.822 min
Delta R.T.: -0.021 min
Response: 2318737
Conc: 19.89 ug/ml



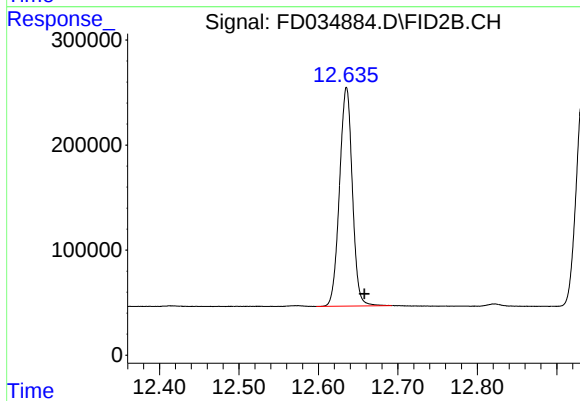
#10 Anthracene (C19.43)

R.T.: 10.897 min
Delta R.T.: -0.023 min
Response: 1970917
Conc: 17.30 ug/ml



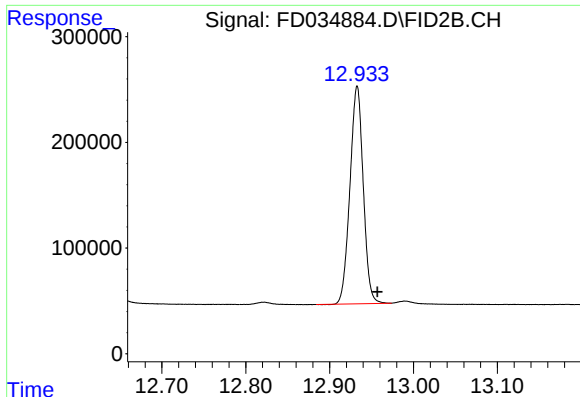
#11 ortho-Terphenyl (SURR)

R.T.: 11.586 min
Delta R.T.: -0.018 min
Response: 2425034
Conc: 20.24 ug/ml



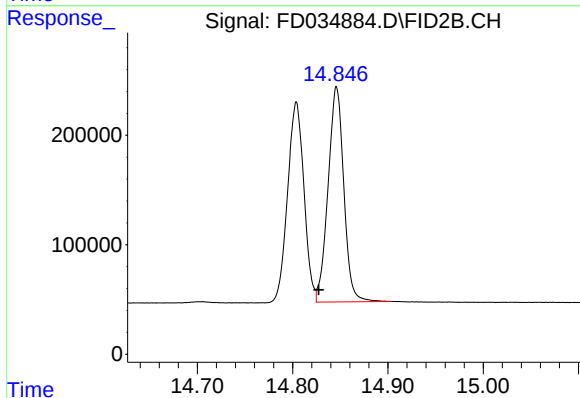
#12 Fluoranthene (C21.85)

R.T.: 12.635 min
Delta R.T.: -0.022 min
Response: 2338032
Conc: 20.05 ug/ml



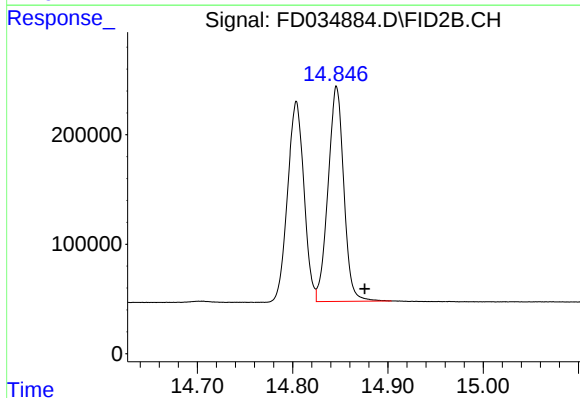
#13 Pyrene (C20.8)

R.T.: 12.933 min
Delta R.T.: -0.024 min
Response: 2266837
Conc: 19.97 ug/ml



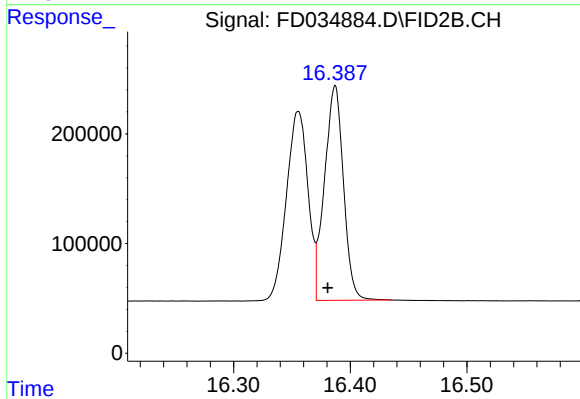
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.846 min
Delta R.T.: 0.019 min
Response: 2257741
Conc: 20.46 ug/ml



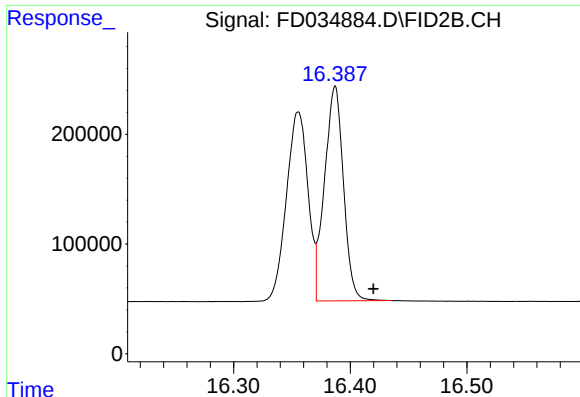
#15 Chrysene (C27.41)

R.T.: 14.846 min
Delta R.T.: -0.029 min
Response: 2257741
Conc: 20.21 ug/ml



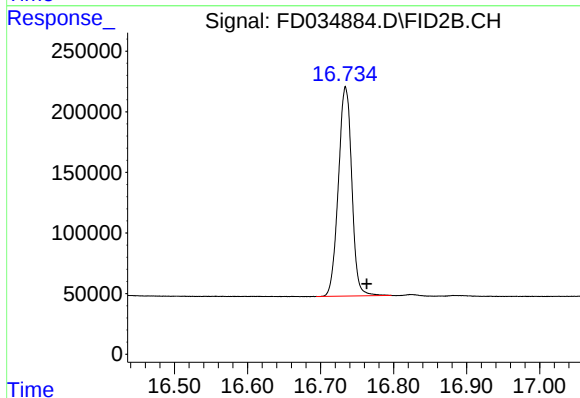
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.387 min
Delta R.T.: 0.006 min
Response: 2214422
Conc: 20.67 ug/ml



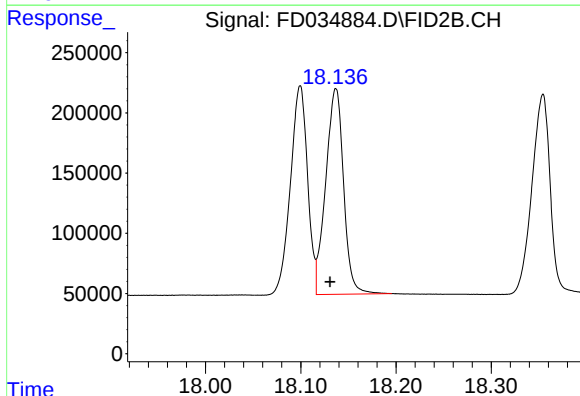
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.387 min
Delta R.T.: -0.033 min
Response: 2214422
Conc: 20.88 ug/ml



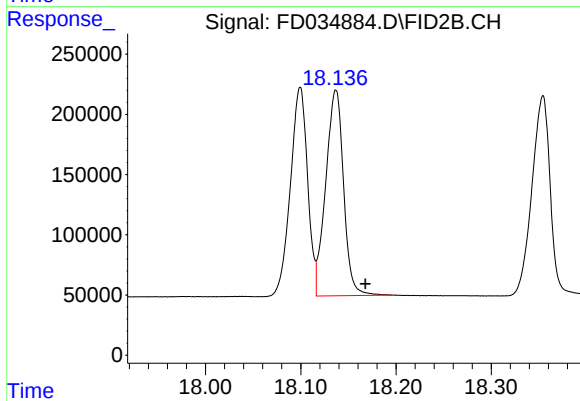
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.734 min
Delta R.T.: -0.029 min
Response: 2203113
Conc: 20.92 ug/ml



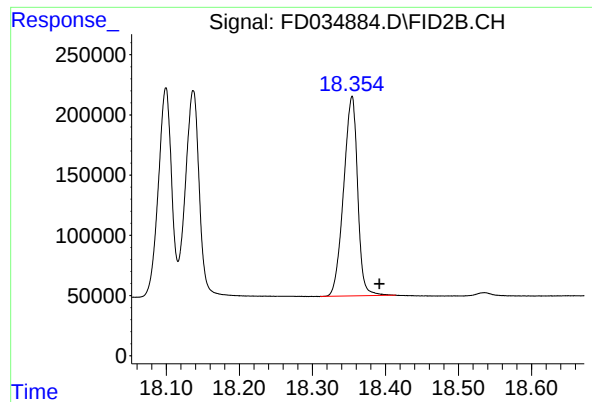
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.137 min
Delta R.T.: 0.006 min
Response: 2229167
Conc: 22.00 ug/ml



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

R.T.: 18.137 min
Delta R.T.: -0.031 min
Response: 2229167
Conc: 21.94 ug/ml



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

R.T.: 18.354 min
Delta R.T.: -0.038 min
Response: 2212487
Conc: 21.91 ug/ml