

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120419AR\
 Data File : FD031774.D
 Signal(s) : FID2B.CH
 Acq On : 04 Dec 2019 22:46
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 05 01:38:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 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...	7.648	2394288	20.114 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
6) S 2-Fluorobiphenyl (SURR)	8.510	1587906	19.272 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.54%
11) S ortho-Terphenyl (SURR)	11.547	2394256	18.710 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.450	2630758	21.917 ug/ml
2) T Naphthalene (C11.7)	5.989	2708215	21.034 ug/ml
3) T 2-Methylnaphthalene (...)	7.039	2621291	20.411 ug/ml
5) T Acenaphthylene (C15.06)	8.314	2446414	19.433 ug/ml
7) T Acenaphthene (C15.5)	8.609	2548899	19.467 ug/ml
8) T Flouorene (C16.55)	9.389	2475817	18.936 ug/ml
9) T Phenanthrene (C19.36)	10.784	2417586	18.349 ug/ml
10) T Anthracene (C19.43)	10.858	2327356	18.049 ug/ml
12) T Fluoranthene (C21.85)	12.593	2400452	18.113 ug/ml
13) T Pyrene (C20.8)	12.891	2385499	18.113 ug/ml
14) T Benzo[a]anthracene (C...	14.759	2320065	18.328 ug/ml
15) T Chrysene (C27.41)	14.802	2344120	18.482 ug/ml
16) T benzo[b]fluoranthene ...	16.307	2386744	19.013 ug/ml
17) T Bnezo[k]fluoranthene ...	16.339	2345544	18.639 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.686	2348895	18.928 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.049	2285773	18.792 ug/ml
20) T Dibenz[a,h]anthracene...	18.088	2283622	18.443 ug/ml
21) T Benzo[g,h,i]perylene ...	18.303	2295466	19.028 ug/ml

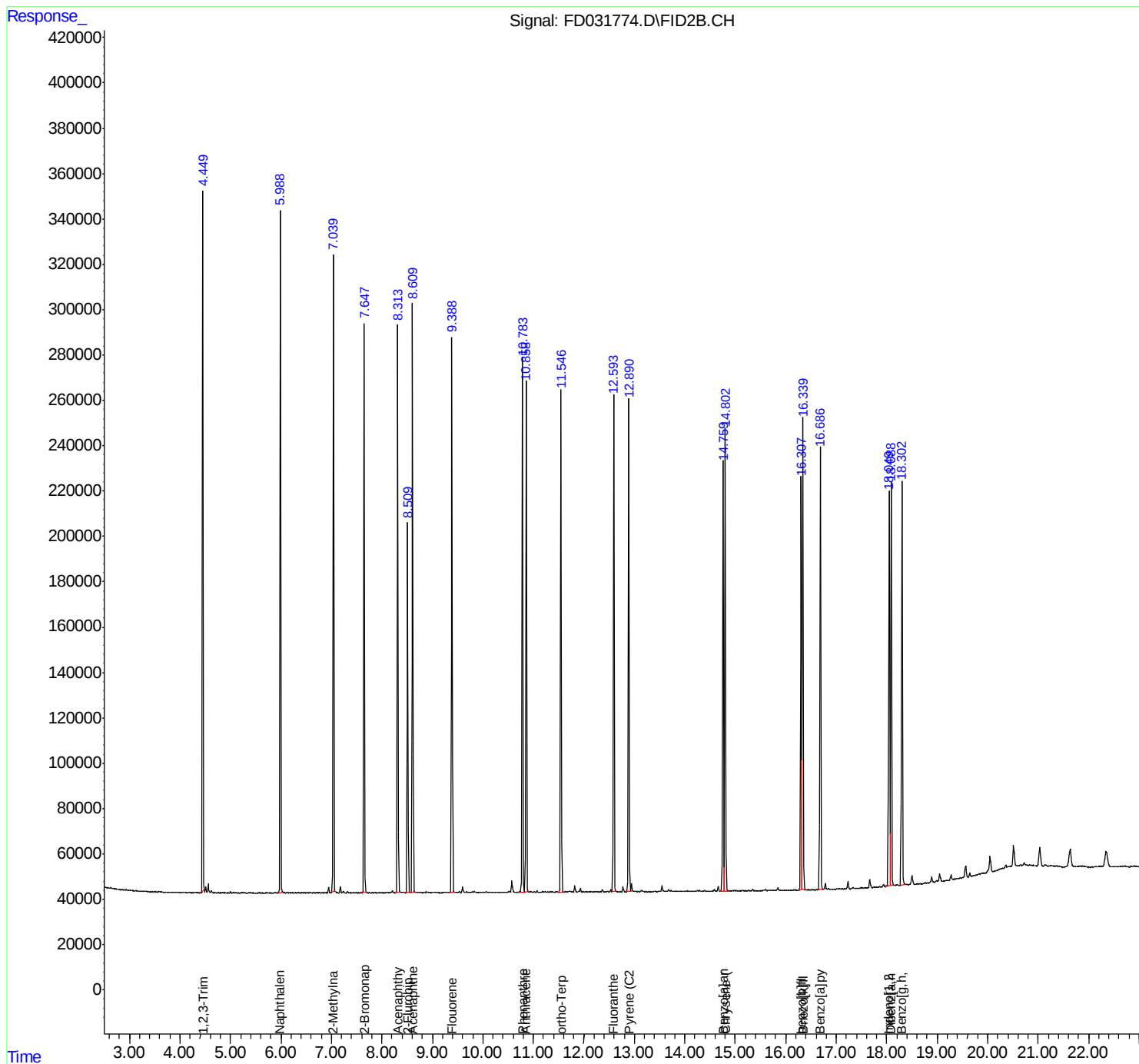
(f)=RT Delta > 1/2 Window

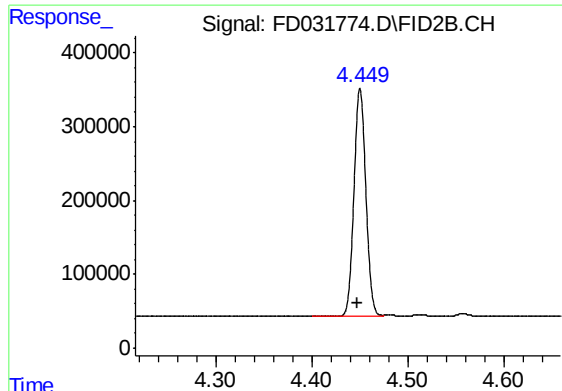
(m)=manual int.

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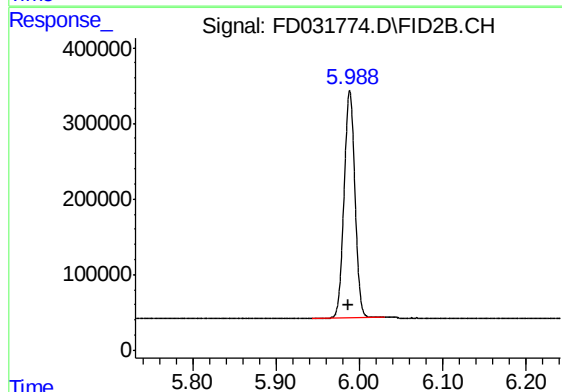
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Signal Info : 20M x 0.18mm x 0.18µm





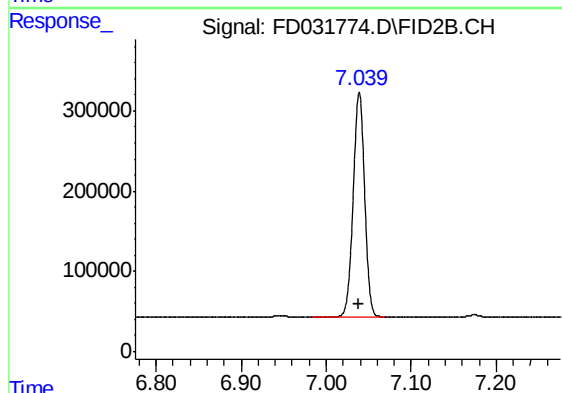
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.450 min
Delta R.T.: 0.003 min
Response: 2630758
Conc: 21.92 ug/ml



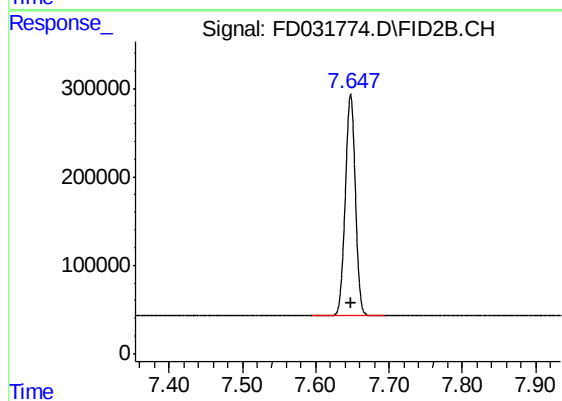
#2 Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: 0.002 min
Response: 2708215
Conc: 21.03 ug/ml



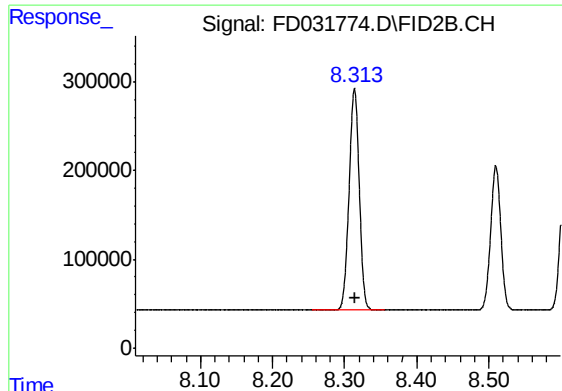
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 2621291
Conc: 20.41 ug/ml



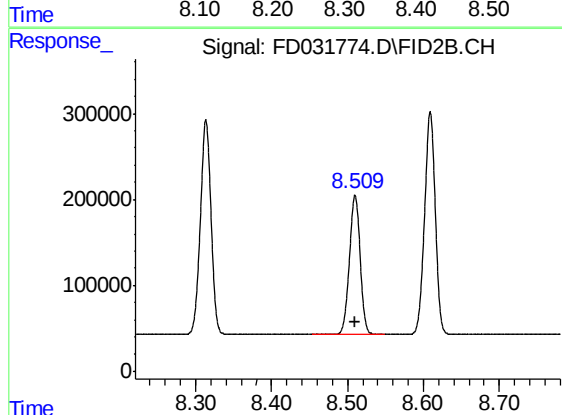
#4 2-Bromonaphthalene (SURR)

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 2394288
Conc: 20.11 ug/ml



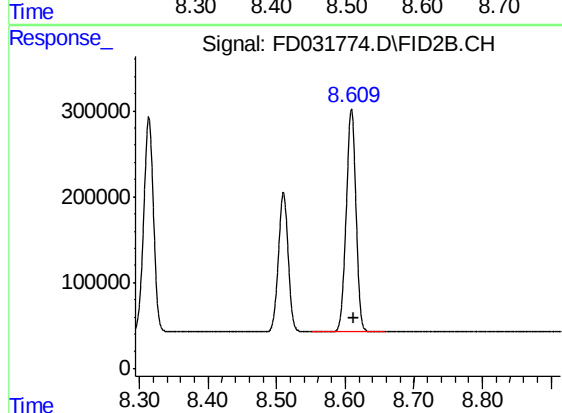
#5 Acenaphthylene (C15.06)

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 2446414
Conc: 19.43 ug/ml



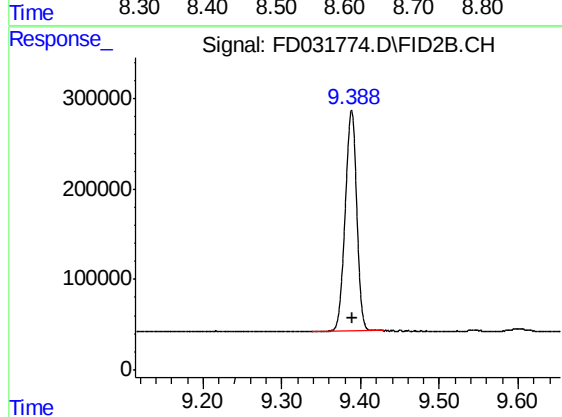
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 1587906
Conc: 19.27 ug/ml



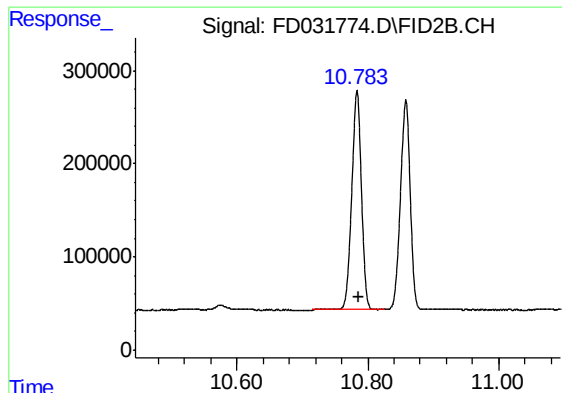
#7 Acenaphthene (C15.5)

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 2548899
Conc: 19.47 ug/ml



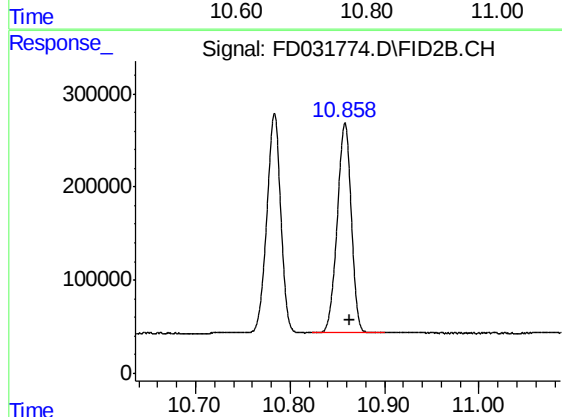
#8 Fluorene (C16.55)

R.T.: 9.389 min
Delta R.T.: -0.002 min
Response: 2475817
Conc: 18.94 ug/ml



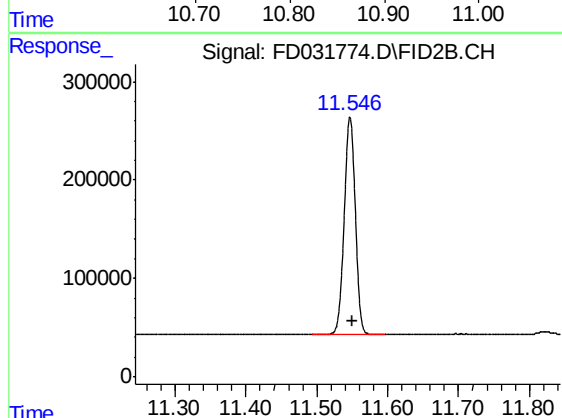
#9 Phenanthrene (C19.36)

R.T.: 10.784 min
Delta R.T.: -0.003 min
Response: 2417586
Conc: 18.35 ug/ml



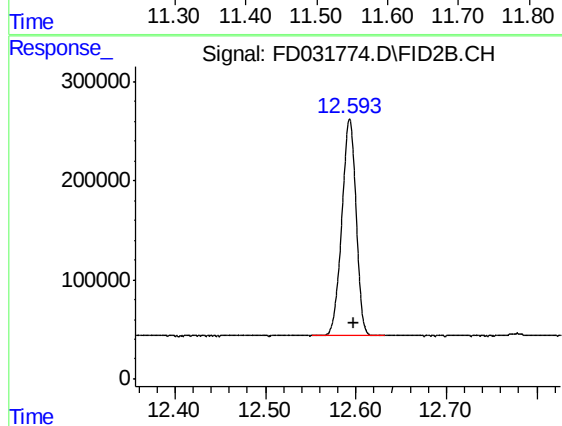
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: -0.004 min
Response: 2327356
Conc: 18.05 ug/ml



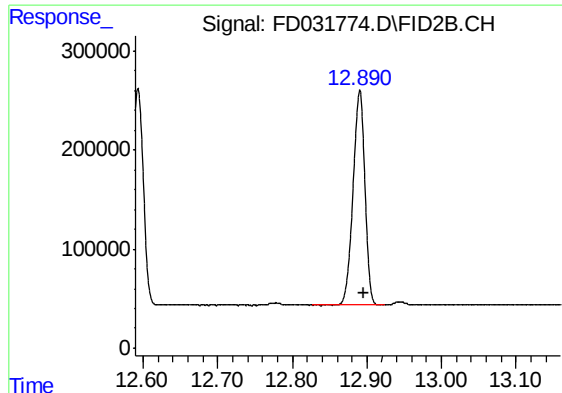
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: -0.004 min
Response: 2394256
Conc: 18.71 ug/ml



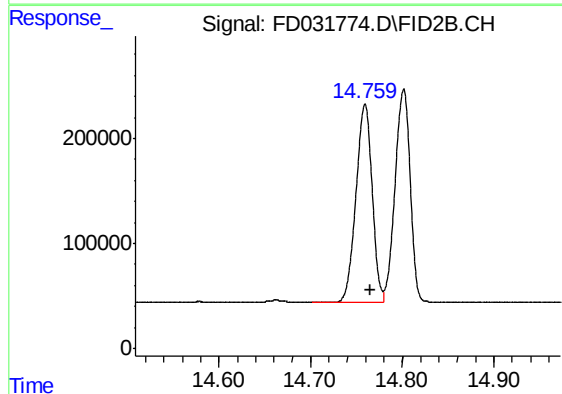
#12 Fluoranthene (C21.85)

R.T.: 12.593 min
Delta R.T.: -0.005 min
Response: 2400452
Conc: 18.11 ug/ml



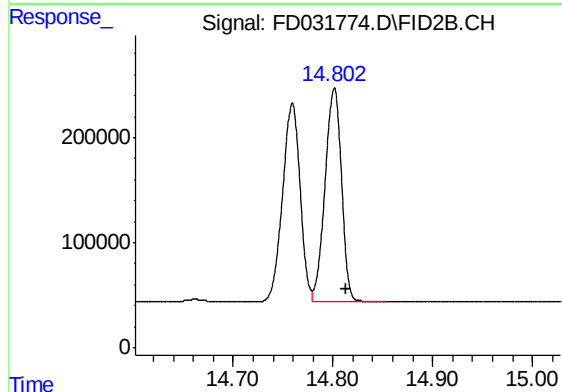
#13 Pyrene (C20.8)

R.T.: 12.891 min
Delta R.T.: -0.005 min
Response: 2385499
Conc: 18.11 ug/ml



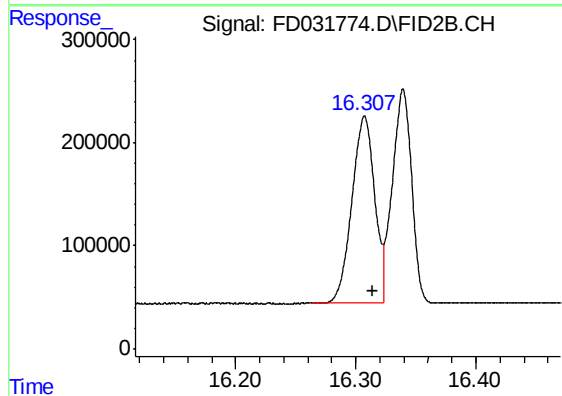
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.759 min
Delta R.T.: -0.005 min
Response: 2320065
Conc: 18.33 ug/ml



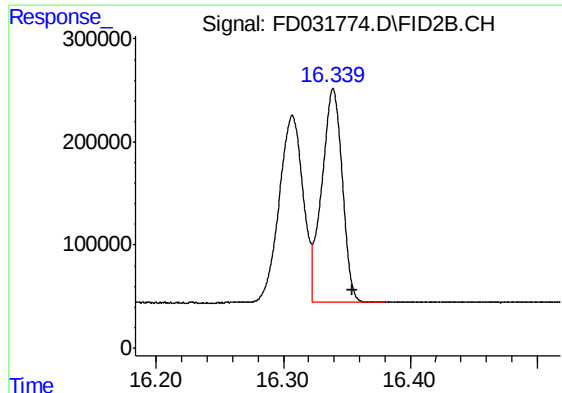
#15 Chrysene (C27.41)

R.T.: 14.802 min
Delta R.T.: -0.011 min
Response: 2344120
Conc: 18.48 ug/ml



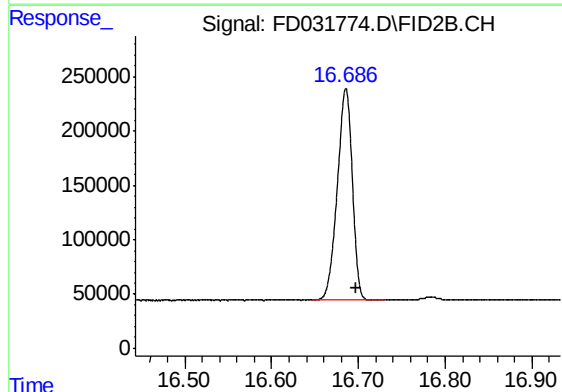
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.307 min
Delta R.T.: -0.006 min
Response: 2386744
Conc: 19.01 ug/ml



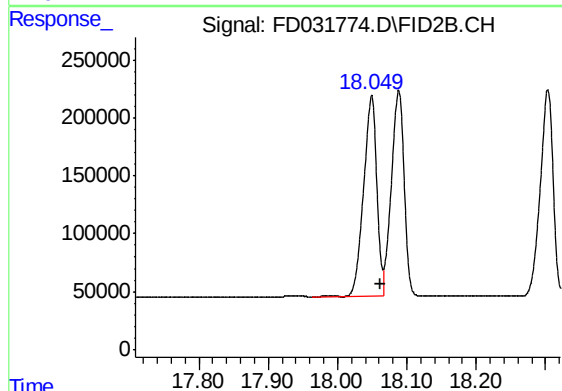
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.339 min
Delta R.T.: -0.015 min
Response: 2345544
Conc: 18.64 ug/ml



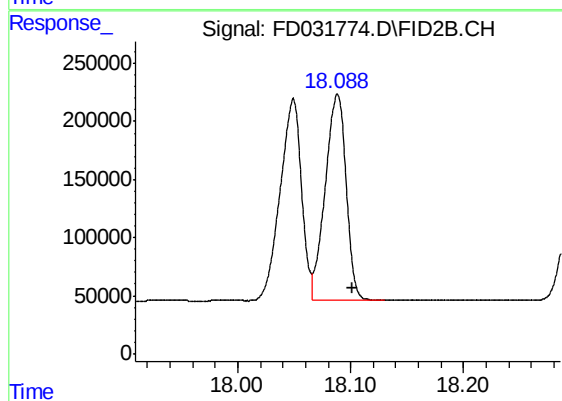
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.686 min
Delta R.T.: -0.011 min
Response: 2348895
Conc: 18.93 ug/ml



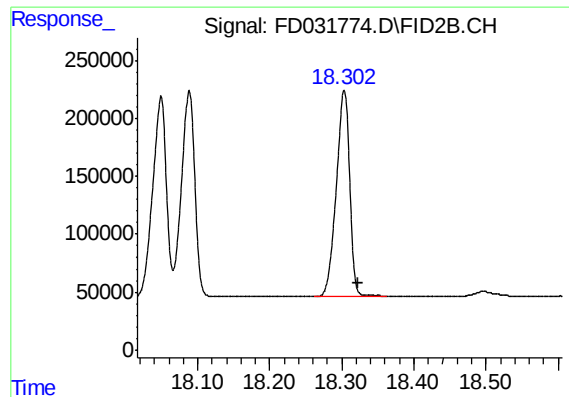
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.049 min
Delta R.T.: -0.012 min
Response: 2285773
Conc: 18.79 ug/ml



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

R.T.: 18.088 min
Delta R.T.: -0.014 min
Response: 2283622
Conc: 18.44 ug/ml



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

R.T.: 18.303 min
Delta R.T.: -0.019 min
Response: 2295466
Conc: 19.03 ug/ml