

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062620AR\
 Data File : FD033814.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jun 2020 12:20
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 27 00:21:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:50:25 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...	7.562	2098935	18.990 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
6) S 2-Fluorobiphenyl (SURR)	8.426	1385101	18.661 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.32%
11) S ortho-Terphenyl (SURR)	11.450	2527607	18.199 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.372	2462843	19.549 ug/ml
2) T Naphthalene (C11.7)	5.906	2372349	18.873 ug/ml
3) T 2-Methylnaphthalene (...)	6.954	2417181	18.947 ug/ml
5) T Acenaphthylene (C15.06)	8.225	2410361	18.709 ug/ml
7) T Acenaphthene (C15.5)	8.518	2544075	19.013 ug/ml
8) T Flouorene (C16.55)	9.299	2339102	18.612 ug/ml
9) T Phenanthrene (C19.36)	10.692	2356980	18.358 ug/ml
10) T Anthracene (C19.43)	10.768	2233389	17.670 ug/ml
12) T Fluoranthene (C21.85)	12.502	2367362	17.978 ug/ml
13) T Pyrene (C20.8)	12.798	2270031	17.675 ug/ml
14) T Benzo[a]anthracene (C...	14.671	2066139	17.399 ug/ml
15) T Chrysene (C27.41)	14.712	2292748	17.315 ug/ml
16) T benzo[b]fluoranthene ...	16.224	2033614	17.180 ug/ml
17) T Bnezo[k]fluoranthene ...	16.255	2190766	17.147 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.605	2065832	17.224 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.976	1817911	17.449 ug/ml
20) T Dibenz[a,h]anthracene...	18.010	2184172	17.817 ug/ml
21) T Benzo[g,h,i]perylene ...	18.228	2019136	17.925 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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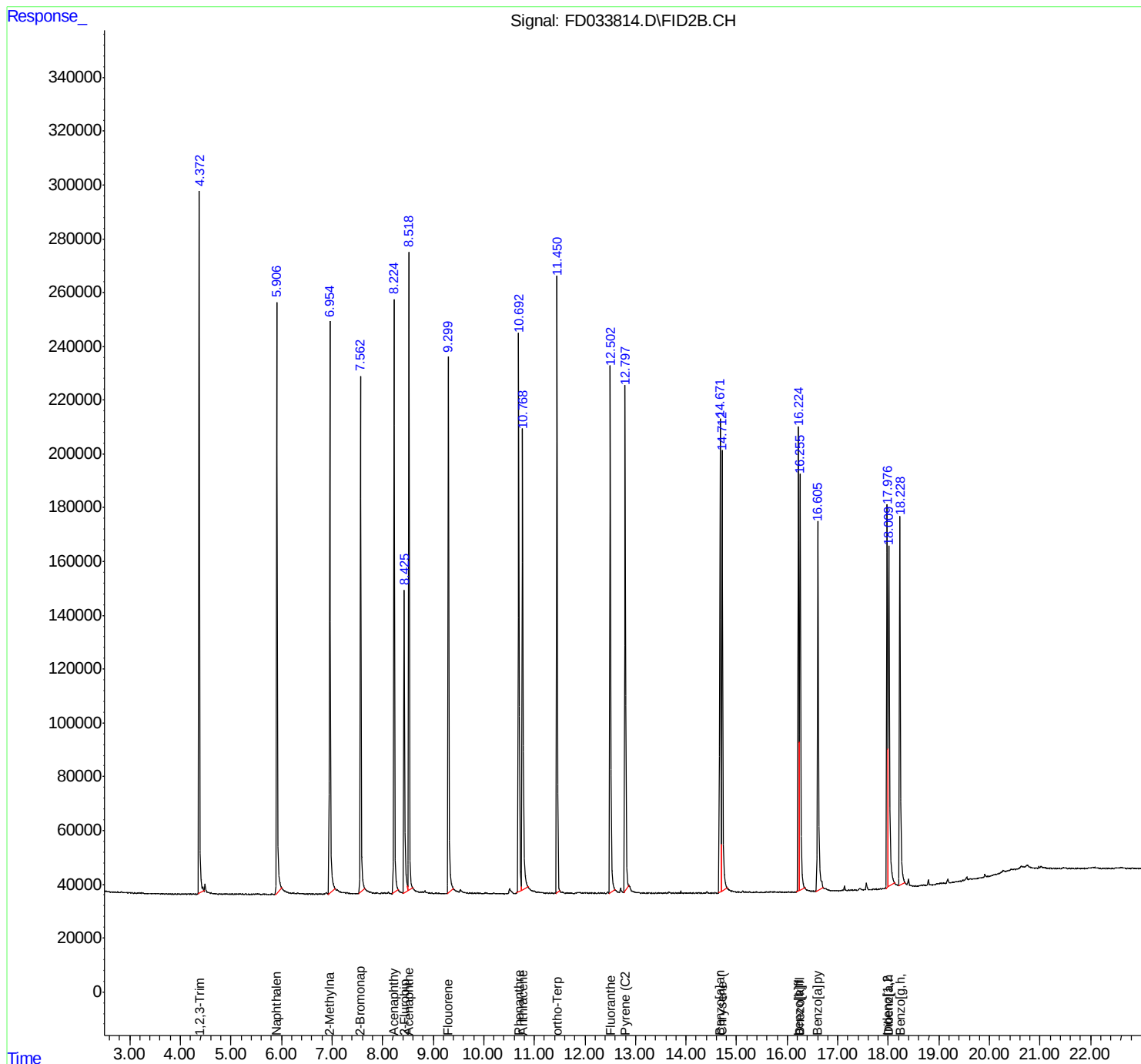
Response via : Initial Calibration

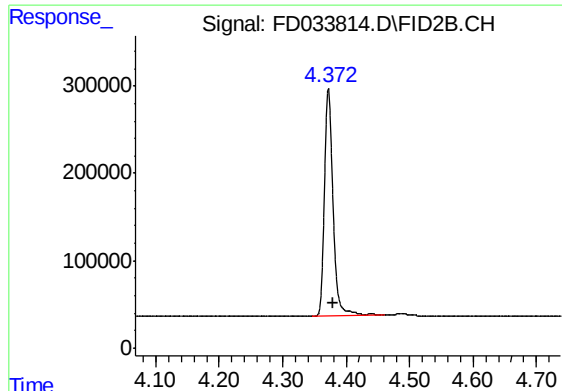
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

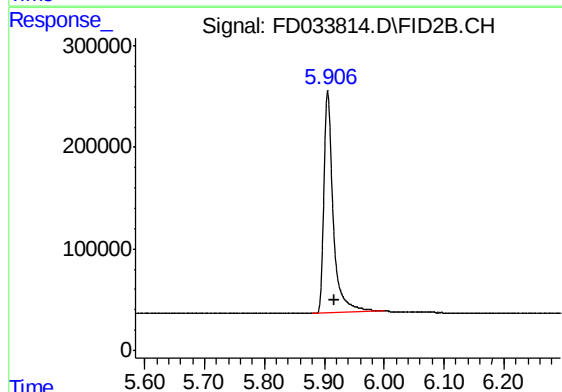
Signal Info : 20M x 0.18mm x 0.18µm





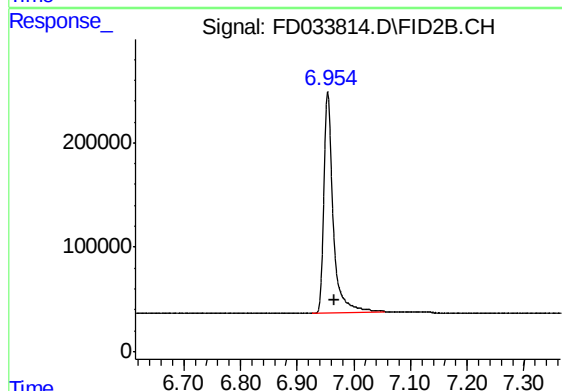
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.372 min
Delta R.T.: -0.007 min
Response: 2462843
Conc: 19.55 ug/ml



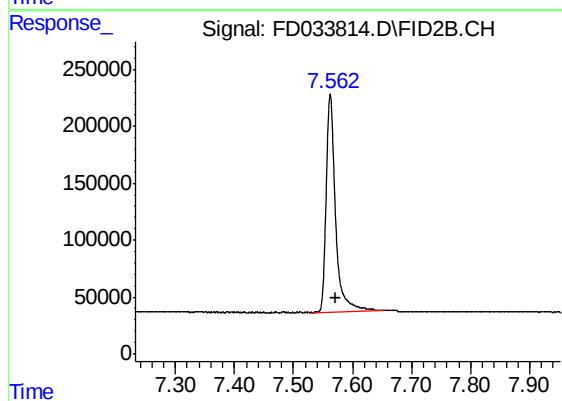
#2 Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.011 min
Response: 2372349
Conc: 18.87 ug/ml



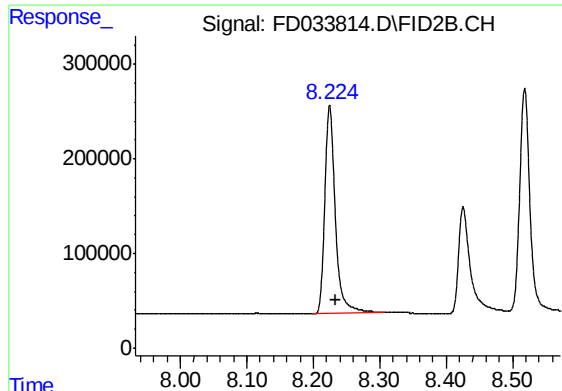
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.954 min
Delta R.T.: -0.011 min
Response: 2417181
Conc: 18.95 ug/ml



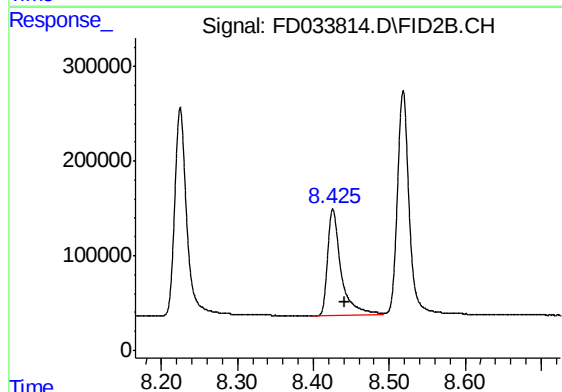
#4 2-Bromonaphthalene (SURR)

R.T.: 7.562 min
Delta R.T.: -0.010 min
Response: 2098935
Conc: 18.99 ug/ml



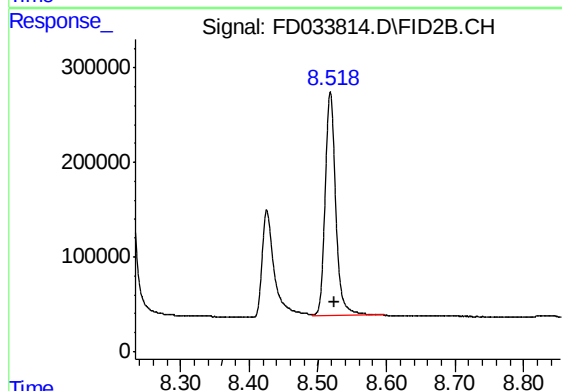
#5 Acenaphthylene (C15.06)

R.T.: 8.225 min
Delta R.T.: -0.009 min
Response: 2410361
Conc: 18.71 ug/ml



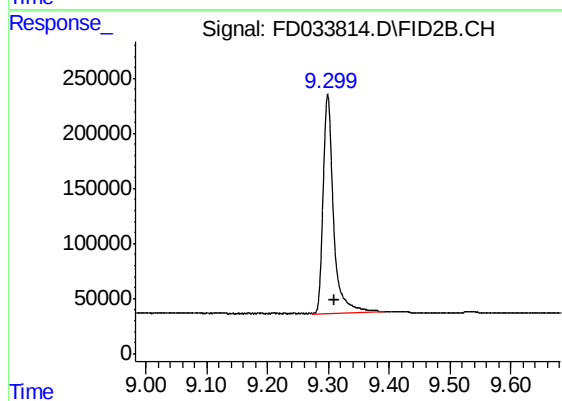
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.426 min
Delta R.T.: -0.016 min
Response: 1385101
Conc: 18.66 ug/ml



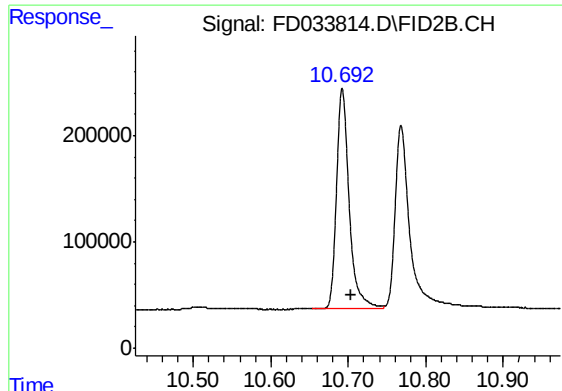
#7 Acenaphthene (C15.5)

R.T.: 8.518 min
Delta R.T.: -0.007 min
Response: 2544075
Conc: 19.01 ug/ml



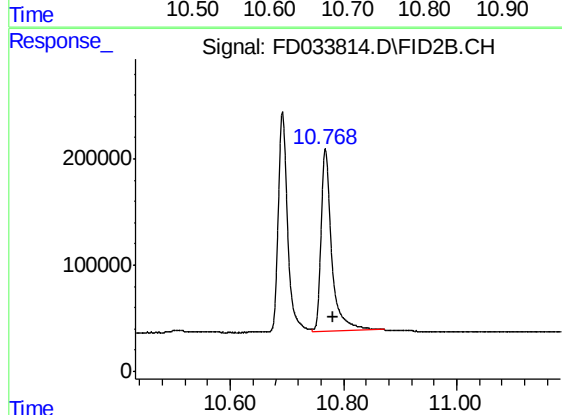
#8 Flouorene (C16.55)

R.T.: 9.299 min
Delta R.T.: -0.010 min
Response: 2339102
Conc: 18.61 ug/ml



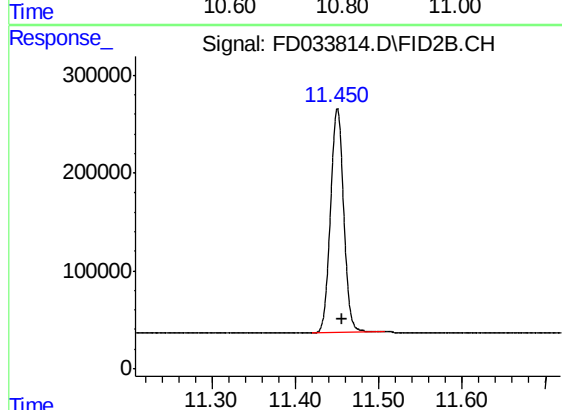
#9 Phenanthrene (C19.36)

R.T.: 10.692 min
Delta R.T.: -0.011 min
Response: 2356980
Conc: 18.36 ug/ml



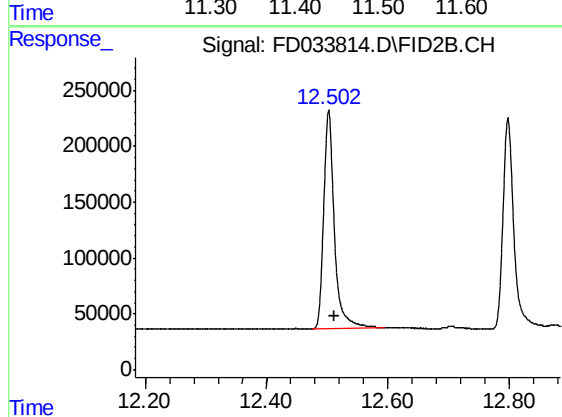
#10 Anthracene (C19.43)

R.T.: 10.768 min
Delta R.T.: -0.013 min
Response: 2233389
Conc: 17.67 ug/ml



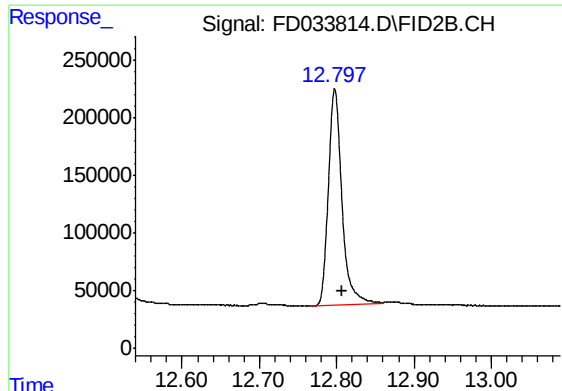
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.006 min
Response: 2527607
Conc: 18.20 ug/ml



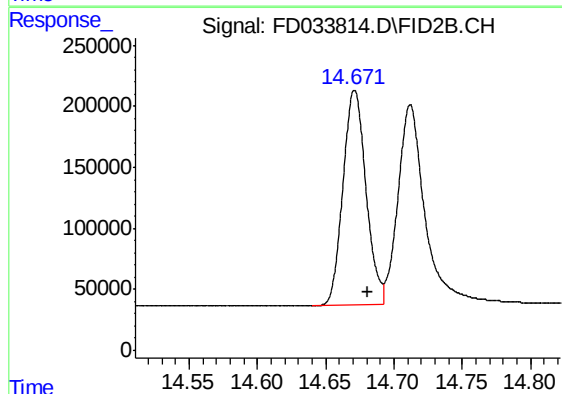
#12 Fluoranthene (C21.85)

R.T.: 12.502 min
Delta R.T.: -0.010 min
Response: 2367362
Conc: 17.98 ug/ml



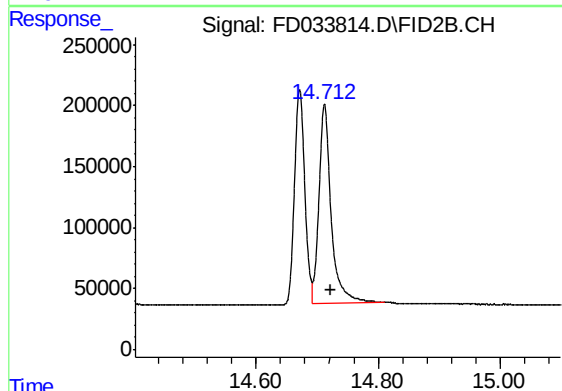
#13 Pyrene (C20.8)

R.T.: 12.798 min
Delta R.T.: -0.010 min
Response: 2270031
Conc: 17.68 ug/ml



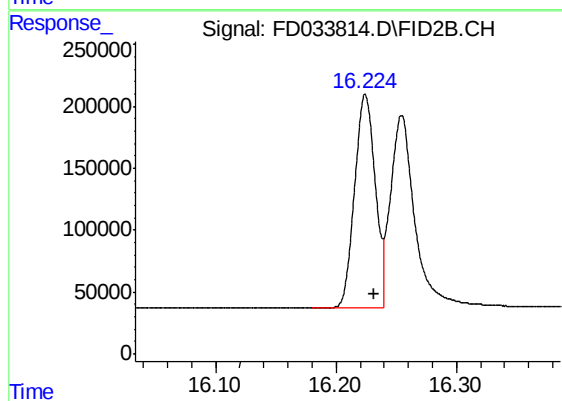
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.671 min
Delta R.T.: -0.010 min
Response: 2066139
Conc: 17.40 ug/ml



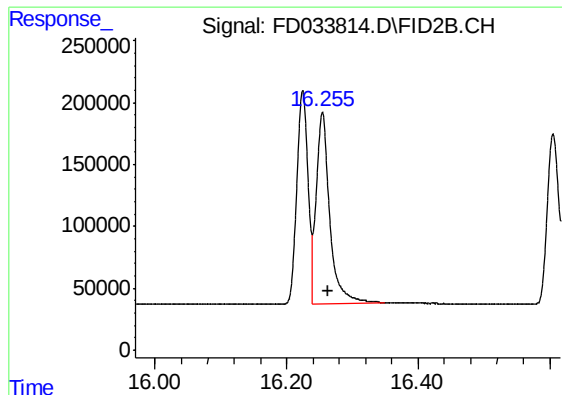
#15 Chrysene (C27.41)

R.T.: 14.712 min
Delta R.T.: -0.010 min
Response: 2292748
Conc: 17.31 ug/ml



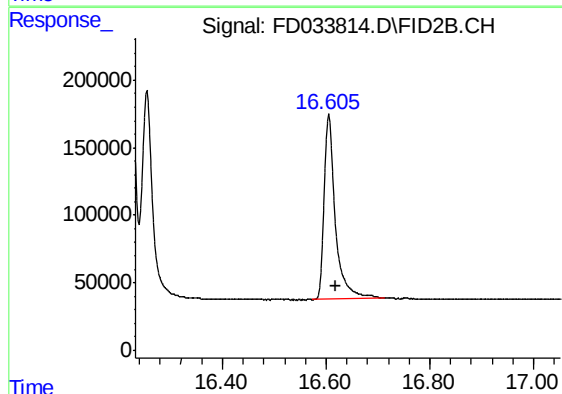
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.224 min
Delta R.T.: -0.007 min
Response: 2033614
Conc: 17.18 ug/ml



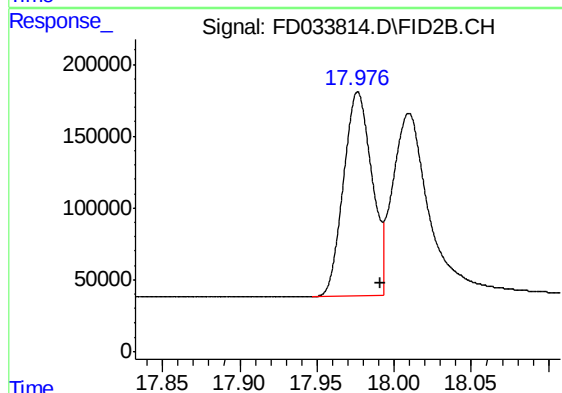
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.255 min
Delta R.T.: -0.009 min
Response: 2190766
Conc: 17.15 ug/ml



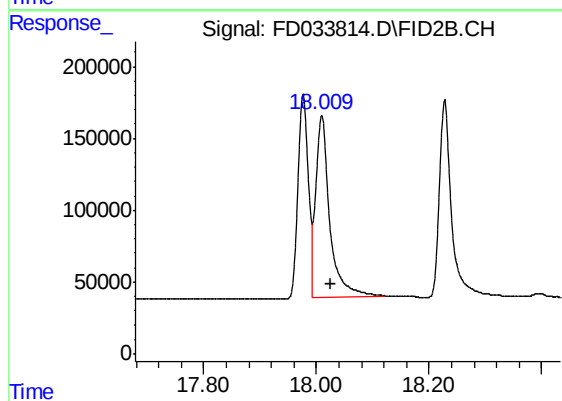
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.605 min
Delta R.T.: -0.014 min
Response: 2065832
Conc: 17.22 ug/ml



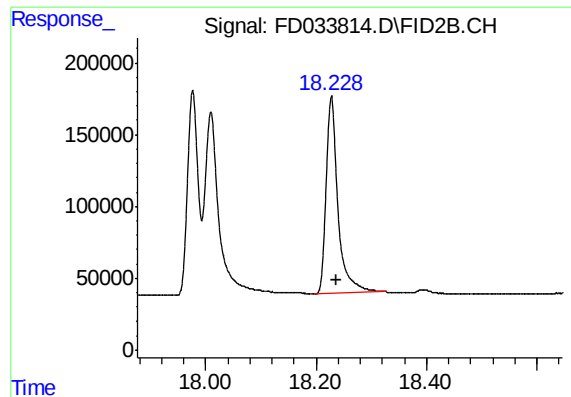
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.976 min
Delta R.T.: -0.015 min
Response: 1817911
Conc: 17.45 ug/ml



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

R.T.: 18.010 min
Delta R.T.: -0.015 min
Response: 2184172
Conc: 17.82 ug/ml



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

R.T.: 18.228 min
Delta R.T.: -0.010 min
Response: 2019136
Conc: 17.92 ug/ml