

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032620AR\
 Data File : FD032759.D
 Signal(s) : FID2B.CH
 Acq On : 27 Mar 2020 2:41
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 27 03:33:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 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...	7.609	2761548	21.366 ug/ml
Spiked Amount 50.000		Recovery =	42.73%
6) S 2-Fluorobiphenyl (SURR)	8.471	1782421	20.191 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.38%
11) S ortho-Terphenyl (SURR)	11.507	2761952	19.920 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.414	3139473	23.602 ug/mlm
2) T Naphthalene (C11.7)	5.951	3151359	22.179 ug/ml
3) T 2-Methylnaphthalene (...)	7.000	3057723	21.540 ug/ml
5) T Acenaphthylene (C15.06)	8.274	2826606	20.663 ug/ml
7) T Acenaphthene (C15.5)	8.569	2953821	20.921 ug/ml
8) T Flouorene (C16.55)	9.348	2802120	19.989 ug/ml
9) T Phenanthrene (C19.36)	10.742	2683337	19.201 ug/ml
10) T Anthracene (C19.43)	10.817	2540250	18.144 ug/ml
12) T Fluoranthene (C21.85)	12.553	2635317	18.790 ug/ml
13) T Pyrene (C20.8)	12.849	2609096	18.976 ug/ml
14) T Benzo[a]anthracene (C...	14.720	2506071	19.205 ug/ml
15) T Chrysene (C27.41)	14.762	2606173	19.360 ug/ml
16) T benzo[b]fluoranthene ...	16.272	2620264	20.425 ug/ml
17) T Bnezo[k]fluoranthene ...	16.304	2612793	19.903 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	2580805	20.259 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.016	2556145	21.451 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	2684920	21.235 ug/ml
21) T Benzo[g,h,i]perylene ...	18.272	2602178	22.012 ug/ml

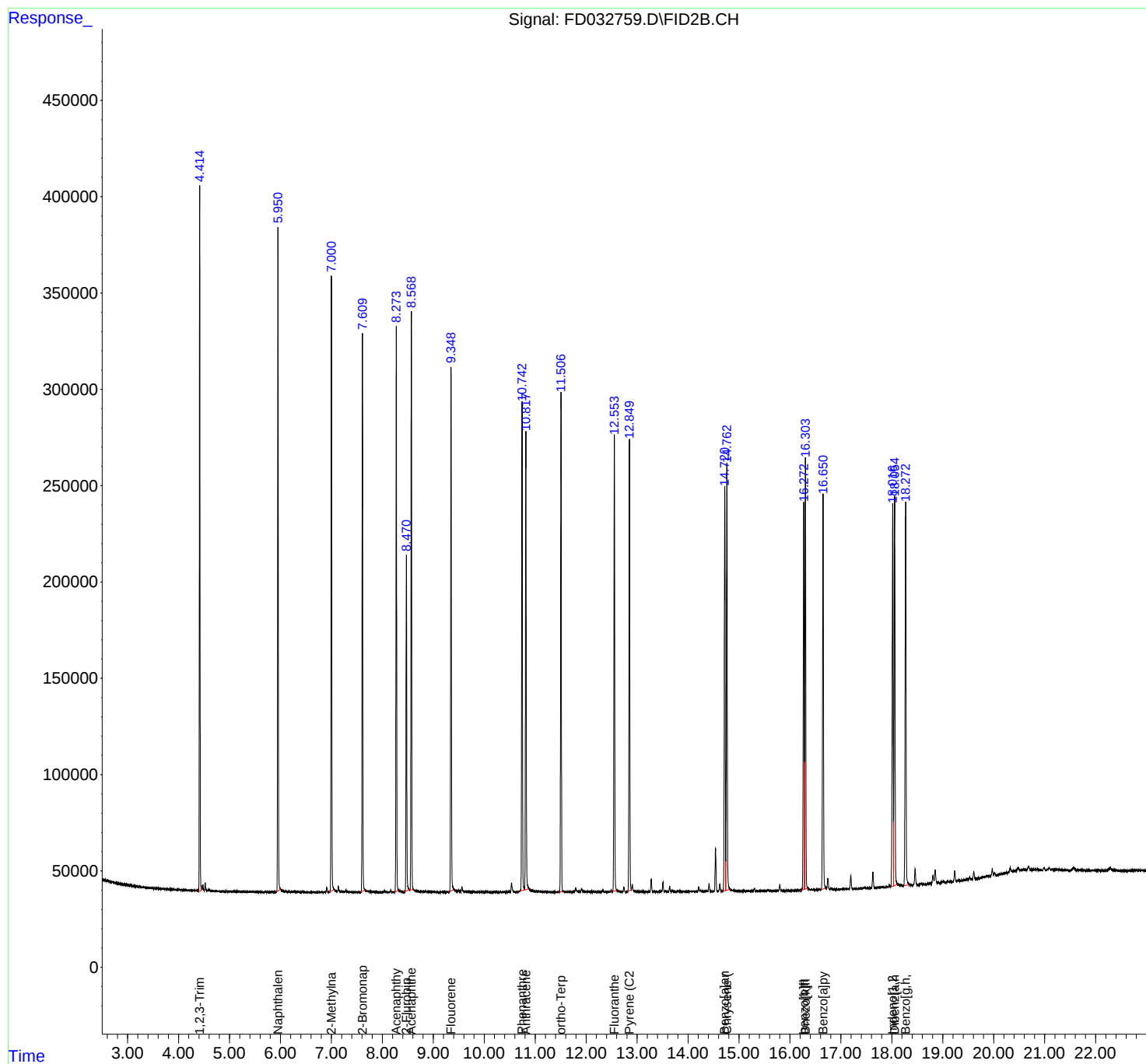
(f)=RT Delta > 1/2 Window

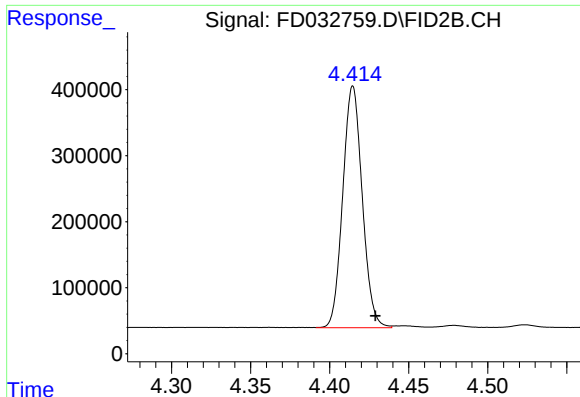
(m)=manual int.

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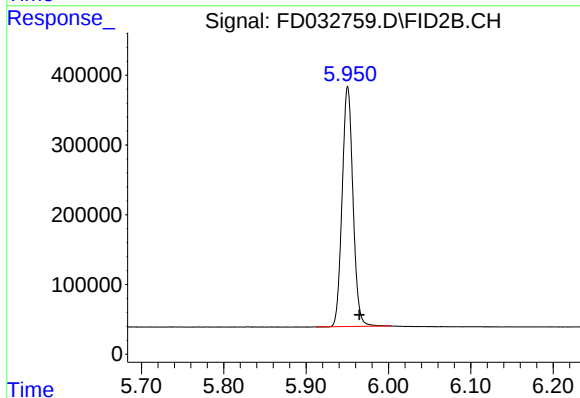
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Signal Info : 20M x 0.18mm x 0.18µm





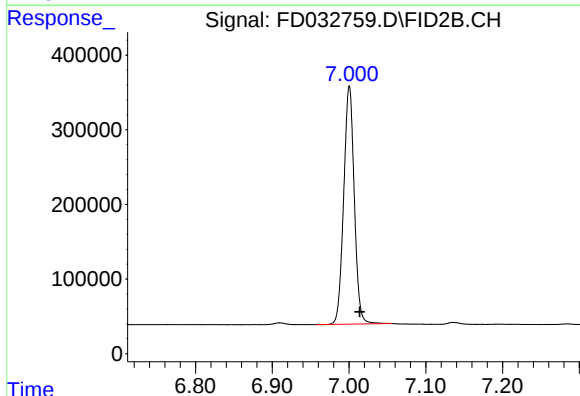
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.414 min
Delta R.T.: -0.015 min
Response: 3139473
Conc: 23.60 ug/ml m



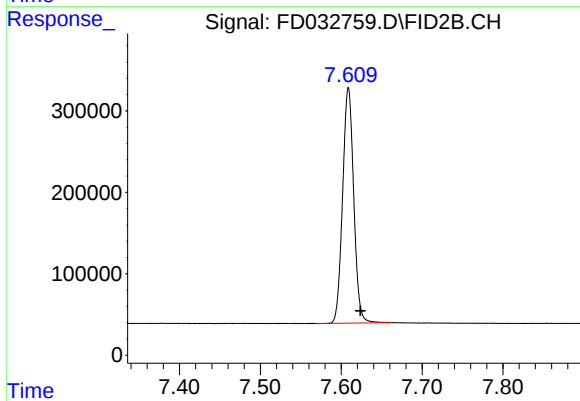
#2 Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.014 min
Response: 3151359
Conc: 22.18 ug/ml



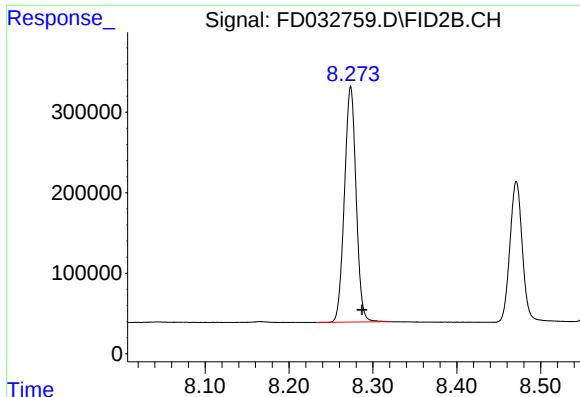
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.014 min
Response: 3057723
Conc: 21.54 ug/ml



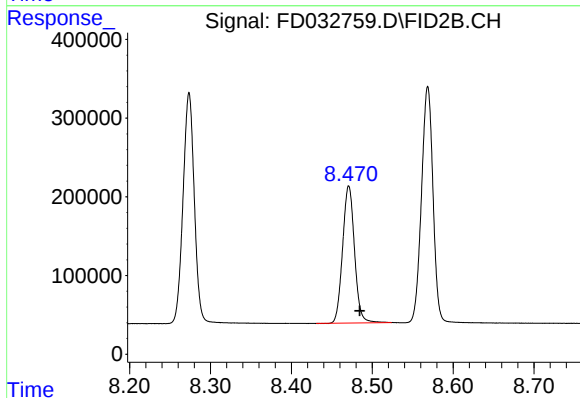
#4 2-Bromonaphthalene (SURR)

R.T.: 7.609 min
Delta R.T.: -0.015 min
Response: 2761548
Conc: 21.37 ug/ml



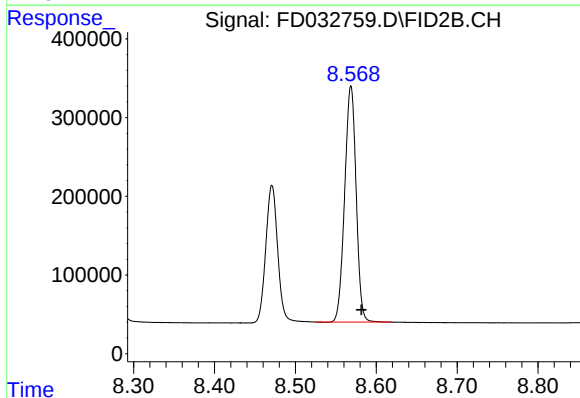
#5 Acenaphthylene (C15.06)

R.T.: 8.274 min
Delta R.T.: -0.014 min
Response: 2826606
Conc: 20.66 ug/ml



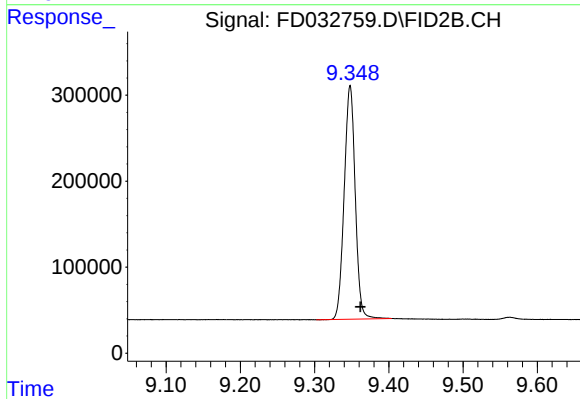
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.471 min
Delta R.T.: -0.013 min
Response: 1782421
Conc: 20.19 ug/ml



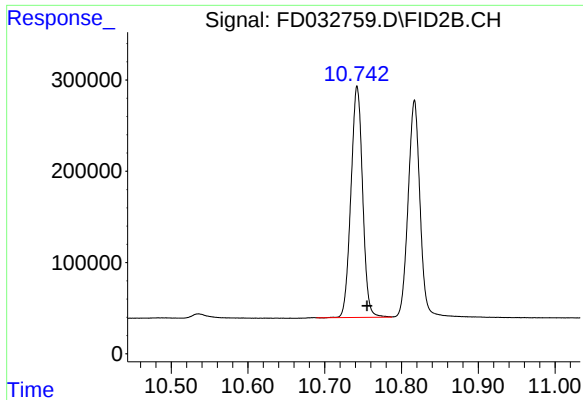
#7 Acenaphthene (C15.5)

R.T.: 8.569 min
Delta R.T.: -0.013 min
Response: 2953821
Conc: 20.92 ug/ml



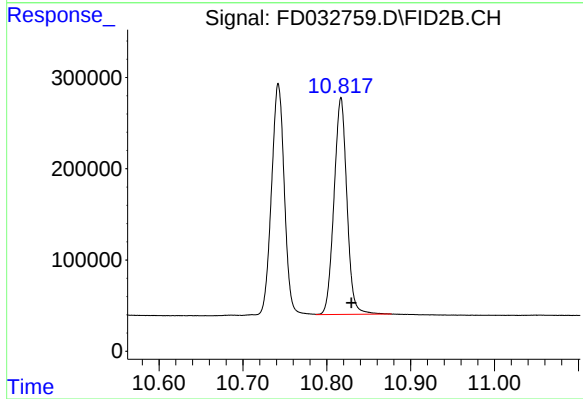
#8 Flouorene (C16.55)

R.T.: 9.348 min
Delta R.T.: -0.014 min
Response: 2802120
Conc: 19.99 ug/ml



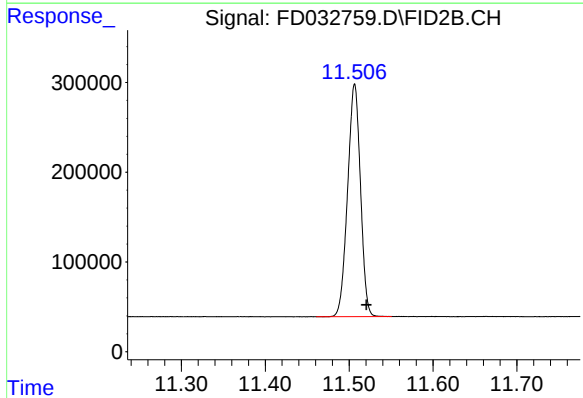
#9 Phenanthrene (C19.36)

R.T.: 10.742 min
Delta R.T.: -0.013 min
Response: 2683337
Conc: 19.20 ug/ml



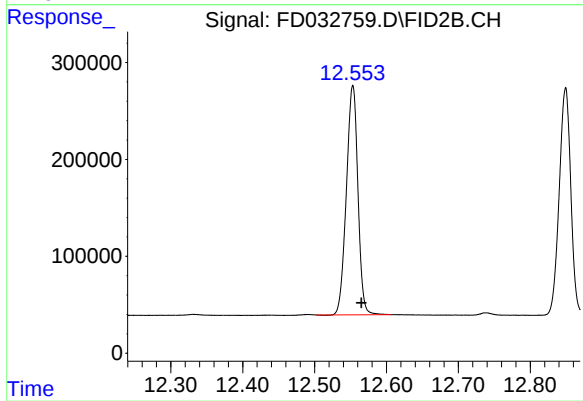
#10 Anthracene (C19.43)

R.T.: 10.817 min
Delta R.T.: -0.012 min
Response: 2540250
Conc: 18.14 ug/ml



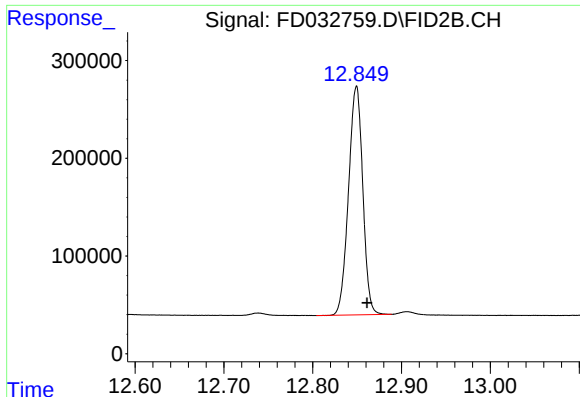
#11 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: -0.014 min
Response: 2761952
Conc: 19.92 ug/ml



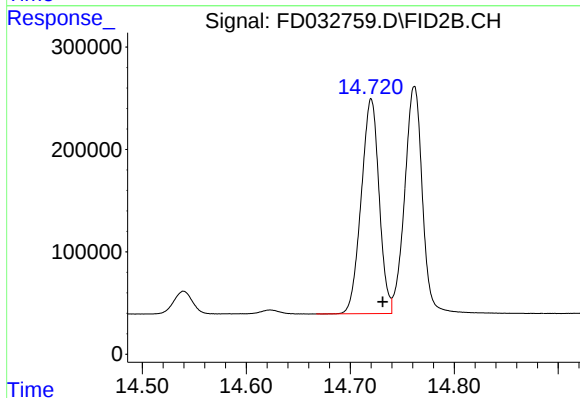
#12 Fluoranthene (C21.85)

R.T.: 12.553 min
Delta R.T.: -0.012 min
Response: 2635317
Conc: 18.79 ug/ml



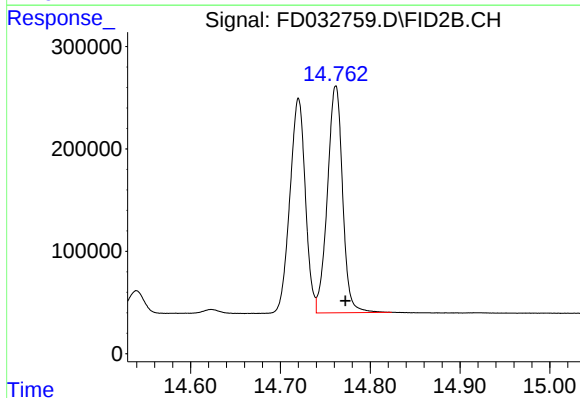
#13 Pyrene (C20.8)

R.T.: 12.849 min
Delta R.T.: -0.012 min
Response: 2609096
Conc: 18.98 ug/ml



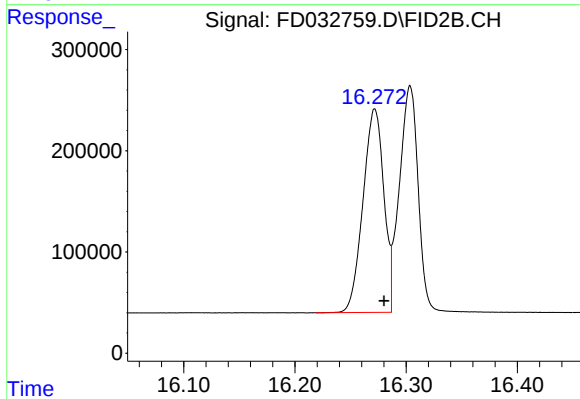
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.720 min
Delta R.T.: -0.011 min
Response: 2506071
Conc: 19.21 ug/ml



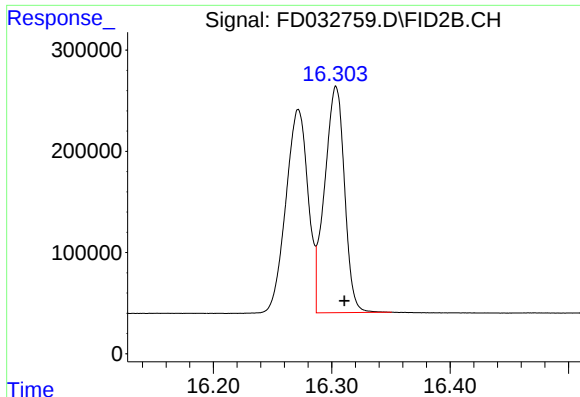
#15 Chrysene (C27.41)

R.T.: 14.762 min
Delta R.T.: -0.011 min
Response: 2606173
Conc: 19.36 ug/ml



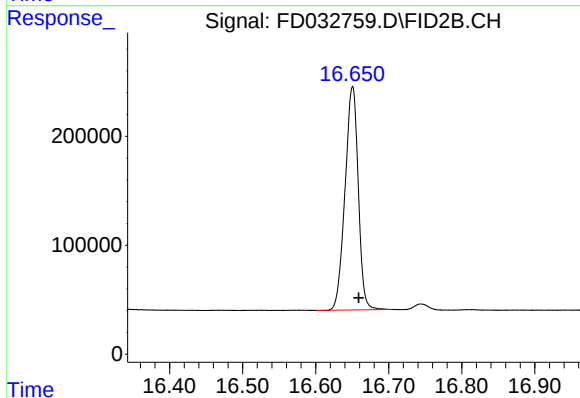
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.272 min
Delta R.T.: -0.008 min
Response: 2620264
Conc: 20.42 ug/ml



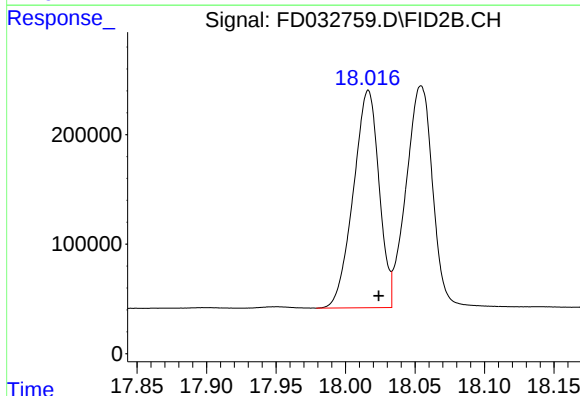
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.304 min
Delta R.T.: -0.007 min
Response: 2612793
Conc: 19.90 ug/ml



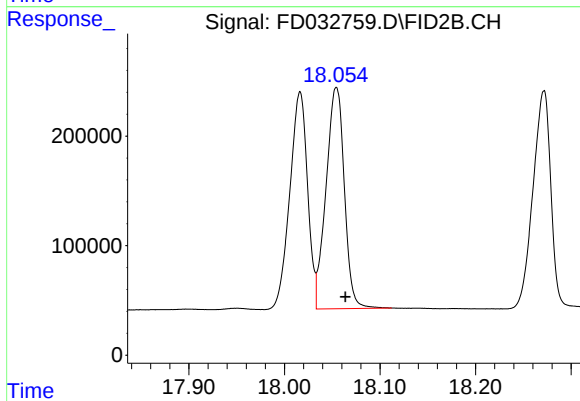
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.008 min
Response: 2580805
Conc: 20.26 ug/ml



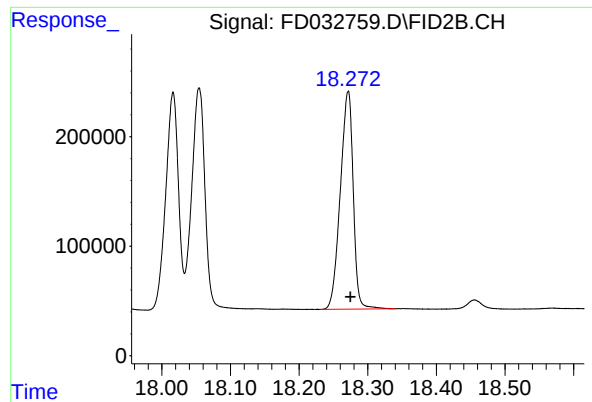
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.016 min
Delta R.T.: -0.007 min
Response: 2556145
Conc: 21.45 ug/ml



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

R.T.: 18.054 min
Delta R.T.: -0.009 min
Response: 2684920
Conc: 21.23 ug/ml



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

R.T.: 18.272 min
Delta R.T.: -0.003 min
Response: 2602178
Conc: 22.01 ug/ml