

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010620AR\
 Data File : FD031954.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2020 00:22
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 07 03:33:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 03:32:41 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...	7.638	5742772	48.715 ug/ml
Spiked Amount 50.000		Recovery =	97.43%
6) S 2-Fluorobiphenyl (SURR)	8.499	4006214	48.861 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.72%
11) S ortho-Terphenyl (SURR)	11.536	6257551	48.045 ug/ml
Spiked Amount 50.000		Recovery =	96.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.441	5747867	48.587 ug/ml
2) T Naphthalene (C11.7)	5.978	6162979	48.284 ug/ml
3) T 2-Methylnaphthalene (...)	7.030	6207427	48.351 ug/ml
5) T Acenaphthylene (C15.06)	8.303	6102620	48.552 ug/ml
7) T Acenaphthene (C15.5)	8.599	6351995	48.749 ug/ml
8) T Fluorene (C16.55)	9.378	6345286	48.504 ug/ml
9) T Phenanthrene (C19.36)	10.773	6401039	48.236 ug/ml
10) T Anthracene (C19.43)	10.848	6266838	47.917 ug/ml
12) T Fluoranthene (C21.85)	12.583	6421690	47.901 ug/ml
13) T Pyrene (C20.8)	12.879	6380554	47.917 ug/ml
14) T Benzo[a]anthracene (C...	14.747	6131945	47.662 ug/ml
15) T Chrysene (C27.41)	14.792	6124337	47.476 ug/ml
16) T benzo[b]fluoranthene ...	16.296	6049608	47.564 ug/ml
17) T Bnezo[k]fluoranthene ...	16.332	5974763	47.229 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.676	5957239	47.469 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.039	5818456	48.257 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	5687688	46.373 ug/ml
21) T Benzo[g,h,i]perylene ...	18.296	5708790	47.706 ug/ml

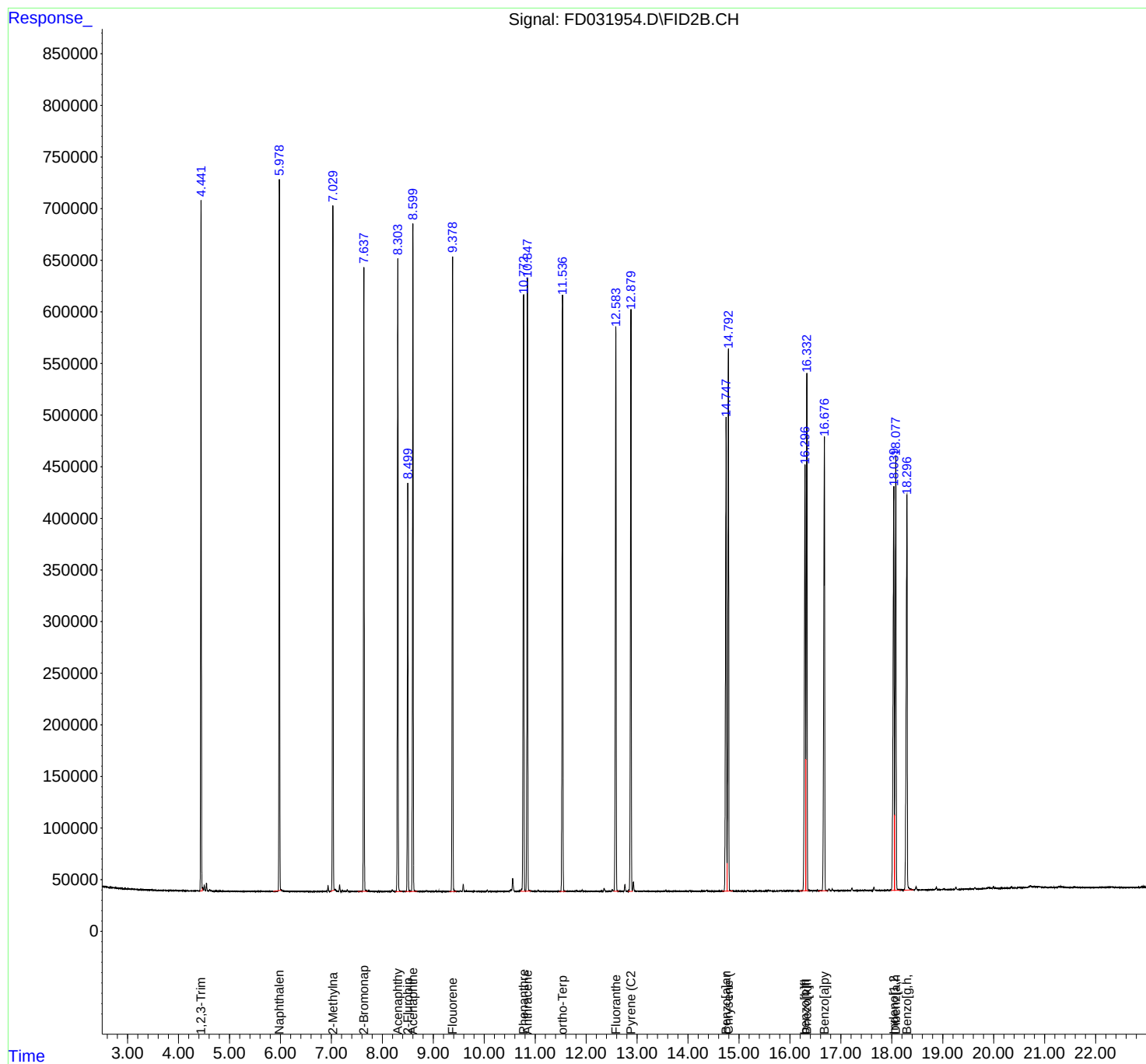
(f)=RT Delta > 1/2 Window

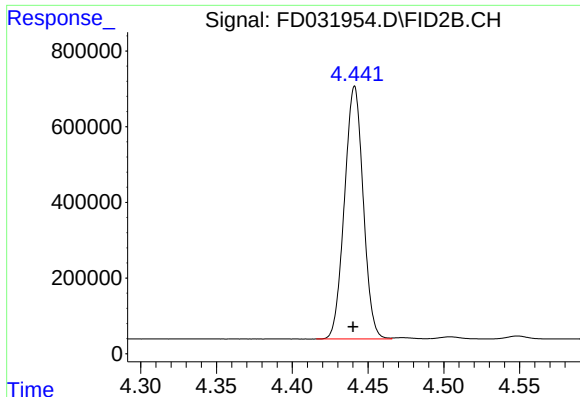
(m)=manual int.

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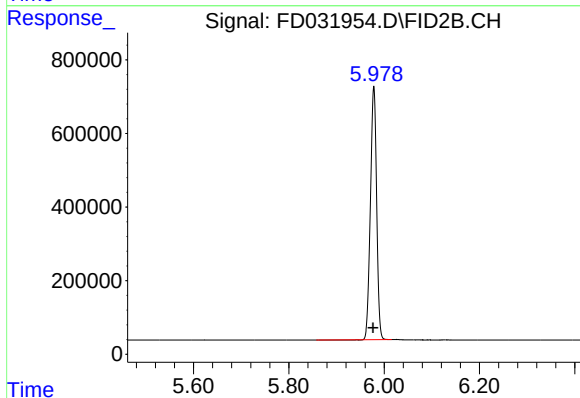
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Signal Info : 20M x 0.18mm x 0.18µm





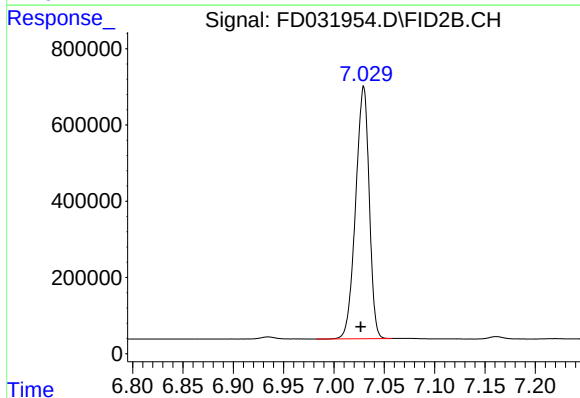
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.441 min
Delta R.T.: 0.001 min
Response: 5747867
Conc: 48.59 ug/ml



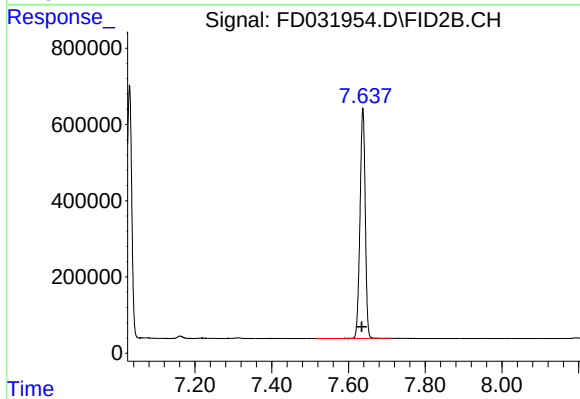
#2 Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: 0.002 min
Response: 6162979
Conc: 48.28 ug/ml



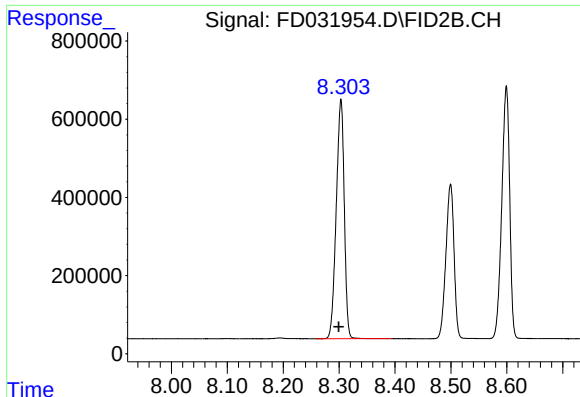
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: 0.003 min
Response: 6207427
Conc: 48.35 ug/ml



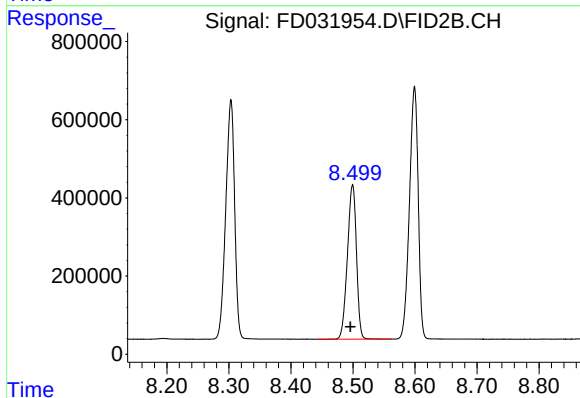
#4 2-Bromonaphthalene (SURR)

R.T.: 7.638 min
Delta R.T.: 0.002 min
Response: 5742772
Conc: 48.71 ug/ml



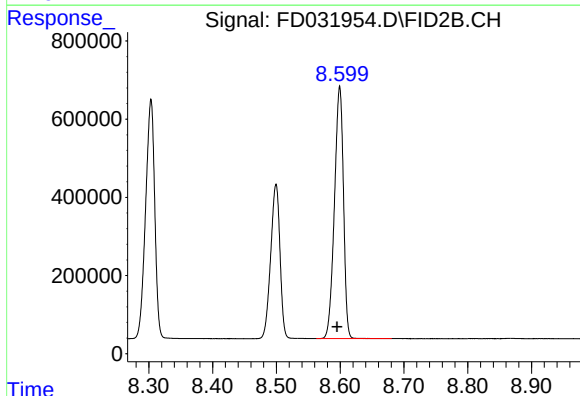
#5 Acenaphthylene (C15.06)

R.T.: 8.303 min
Delta R.T.: 0.004 min
Response: 6102620
Conc: 48.55 ug/ml



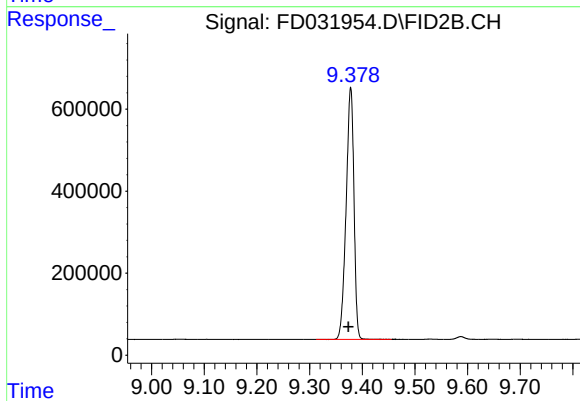
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.499 min
Delta R.T.: 0.003 min
Response: 4006214
Conc: 48.86 ug/ml



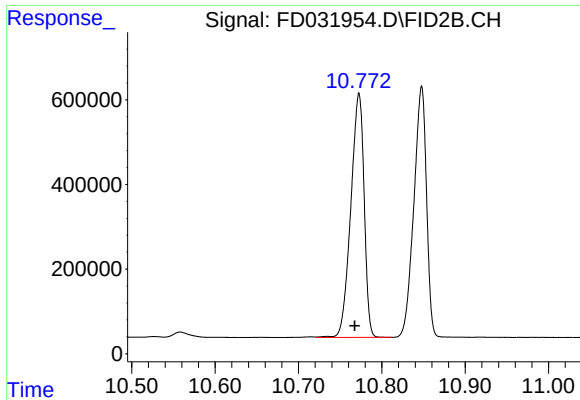
#7 Acenaphthene (C15.5)

R.T.: 8.599 min
Delta R.T.: 0.004 min
Response: 6351995
Conc: 48.75 ug/ml



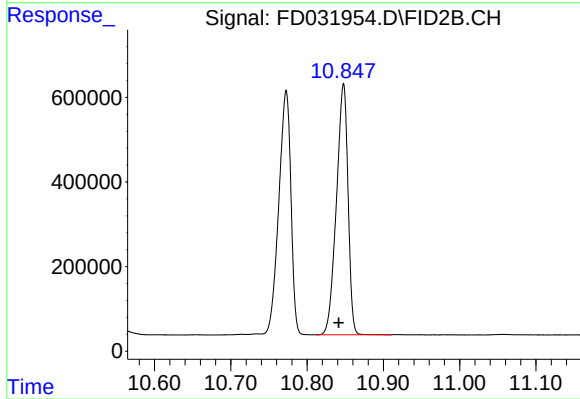
#8 Flouorene (C16.55)

R.T.: 9.378 min
Delta R.T.: 0.005 min
Response: 6345286
Conc: 48.50 ug/ml



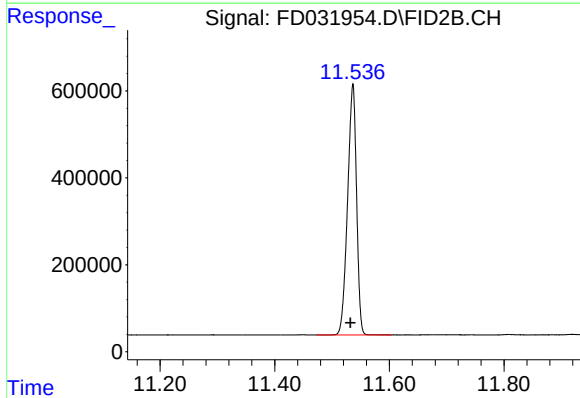
#9 Phenanthrene (C19.36)

R.T.: 10.773 min
Delta R.T.: 0.005 min
Response: 6401039
Conc: 48.24 ug/ml



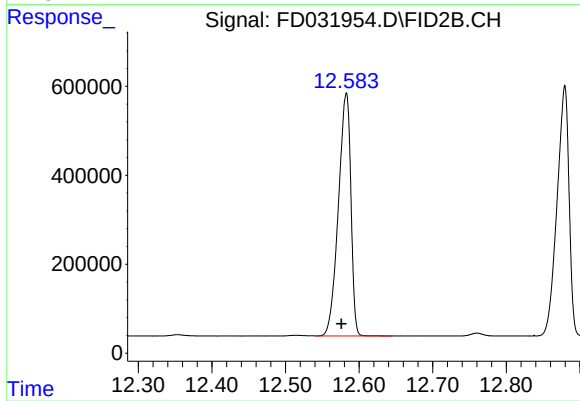
#10 Anthracene (C19.43)

R.T.: 10.848 min
Delta R.T.: 0.006 min
Response: 6266838
Conc: 47.92 ug/ml



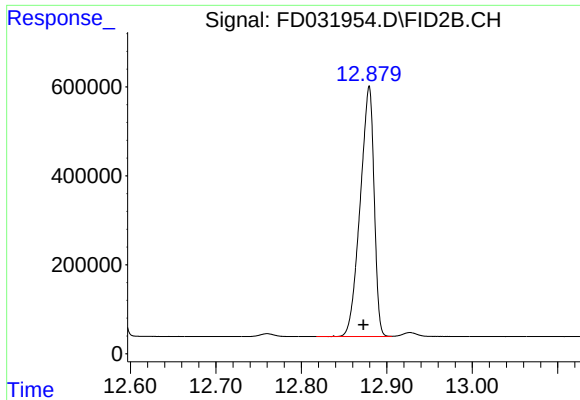
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: 0.004 min
Response: 6257551
Conc: 48.05 ug/ml



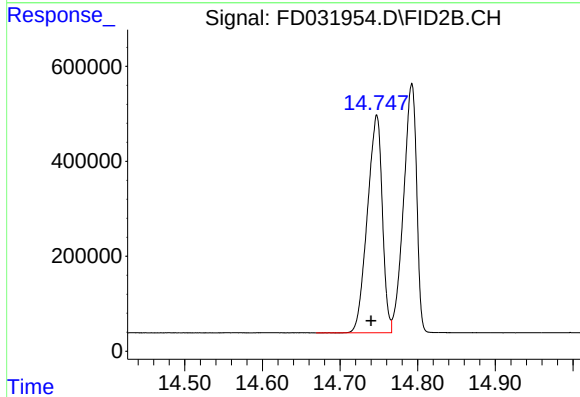
#12 Fluoranthene (C21.85)

R.T.: 12.583 min
Delta R.T.: 0.006 min
Response: 6421690
Conc: 47.90 ug/ml



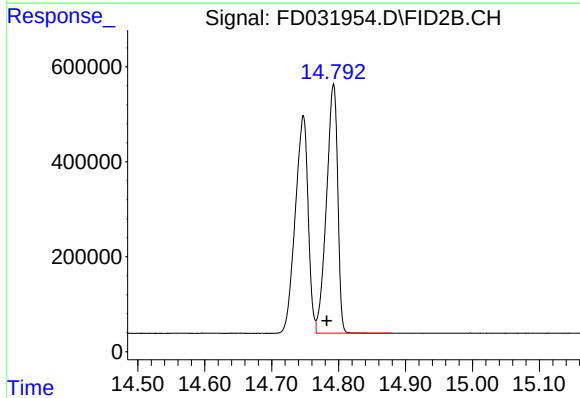
#13 Pyrene (C20.8)

R.T.: 12.879 min
Delta R.T.: 0.007 min
Response: 6380554
Conc: 47.92 ug/ml



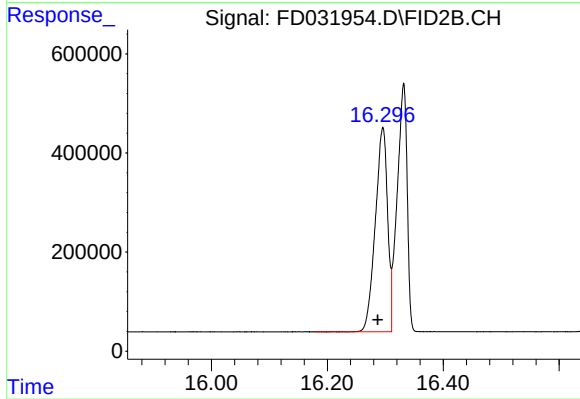
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.747 min
Delta R.T.: 0.007 min
Response: 6131945
Conc: 47.66 ug/ml



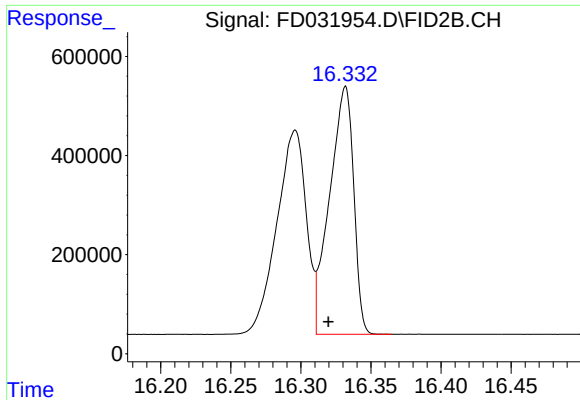
#15 Chrysene (C27.41)

R.T.: 14.792 min
Delta R.T.: 0.010 min
Response: 6124337
Conc: 47.48 ug/ml



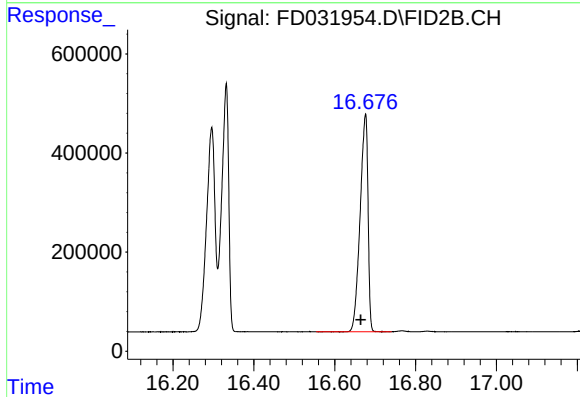
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.296 min
Delta R.T.: 0.009 min
Response: 6049608
Conc: 47.56 ug/ml



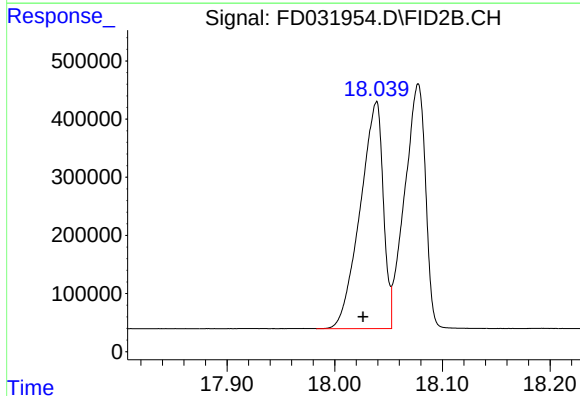
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.332 min
Delta R.T.: 0.012 min
Response: 5974763
Conc: 47.23 ug/ml



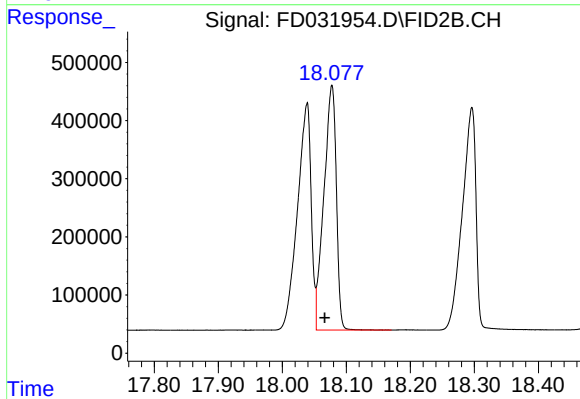
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: 0.012 min
Response: 5957239
Conc: 47.47 ug/ml



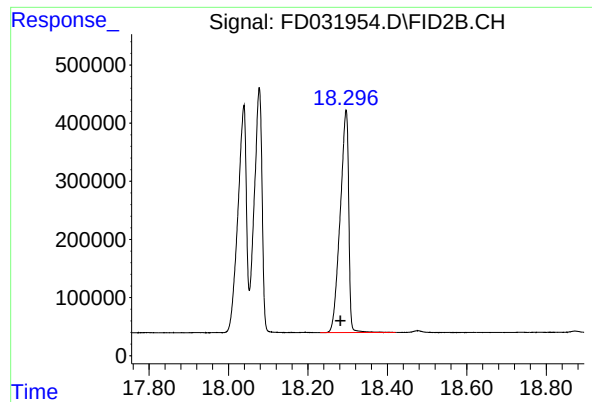
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.039 min
Delta R.T.: 0.012 min
Response: 5818456
Conc: 48.26 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.011 min
Response: 5687688
Conc: 46.37 ug/ml



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

R.T.: 18.296 min
Delta R.T.: 0.015 min
Response: 5708790
Conc: 47.71 ug/ml