

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073120AR\
 Data File : FD034276.D
 Signal(s) : FID2B.CH
 Acq On : 01 Aug 2020 2:33
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 01 03:52:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 01 03:51:15 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...	7.704	5796043	47.810 ug/ml
Spiked Amount 50.000		Recovery =	95.62%
6) S 2-Fluorobiphenyl (SURR)	8.571	4110865	47.865 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.73%
11) S ortho-Terphenyl (SURR)	11.613	6692154	47.640 ug/ml
Spiked Amount 50.000		Recovery =	95.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	6328940	48.426 ug/ml
2) T Naphthalene (C11.7)	6.041	6621309	47.847 ug/ml
3) T 2-Methylnaphthalene (...)	7.096	6681383	47.870 ug/ml
5) T Acenaphthylene (C15.06)	8.374	6493344	47.549 ug/ml
7) T Acenaphthene (C15.5)	8.671	6636489	47.706 ug/ml
8) T Fluorene (C16.55)	9.452	6563359	47.689 ug/ml
9) T Phenanthrene (C19.36)	10.851	6643182	47.741 ug/ml
10) T Anthracene (C19.43)	10.927	6577621	47.689 ug/ml
12) T Fluoranthene (C21.85)	12.666	6690766	47.574 ug/ml
13) T Pyrene (C20.8)	12.964	6548895	47.606 ug/ml
14) T Benzo[a]anthracene (C...	14.834	6448330	47.502 ug/ml
15) T Chrysene (C27.41)	14.879	6431915	47.485 ug/ml
16) T benzo[b]fluoranthene ...	16.386	6273528	47.590 ug/ml
17) T Bnezo[k]fluoranthene ...	16.422	6075352	47.253 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.766	6129924	47.378 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.131	5910830	47.968 ug/ml
20) T Dibenz[a,h]anthracene...	18.170	5702453	46.376 ug/ml
21) T Benzo[g,h,i]perylene ...	18.389	5789629	47.169 ug/ml

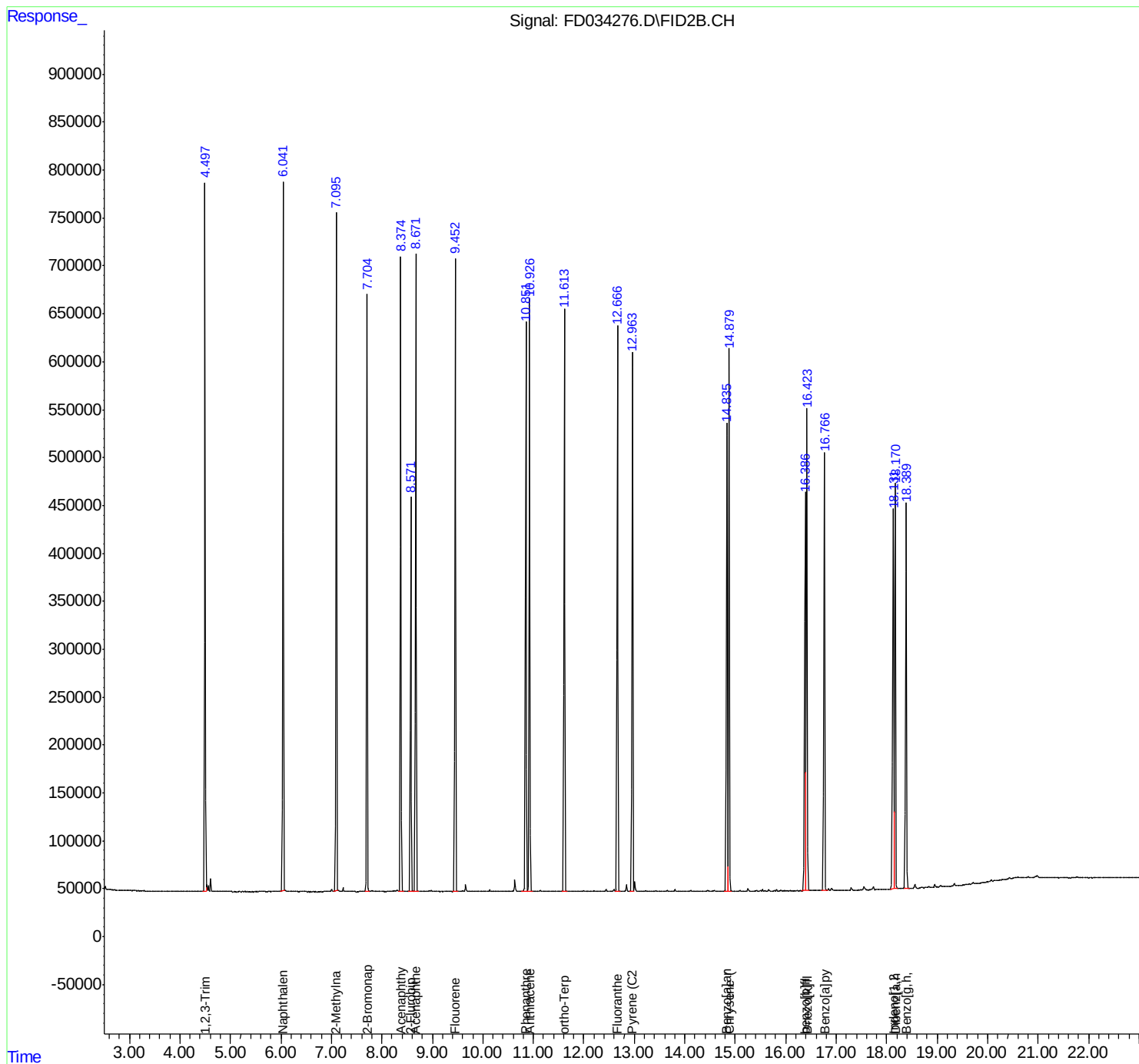
(f)=RT Delta > 1/2 Window

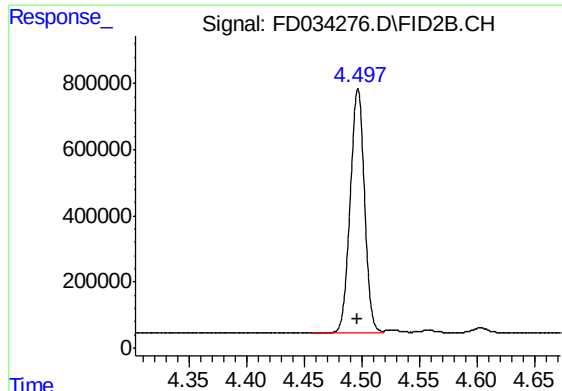
(m)=manual int.

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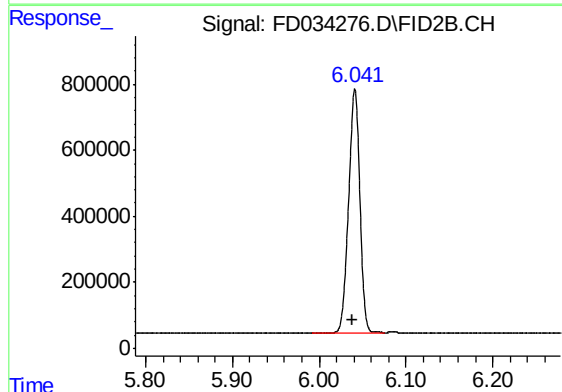
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





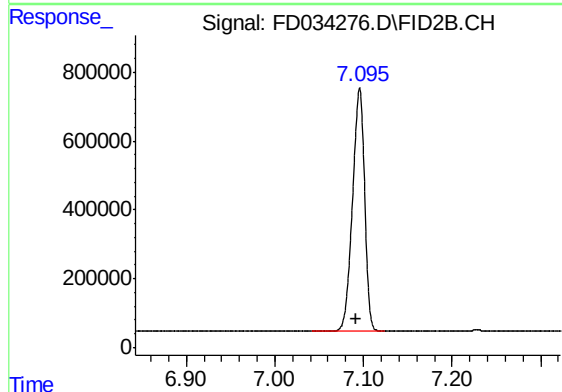
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 6328940
Conc: 48.43 ug/ml



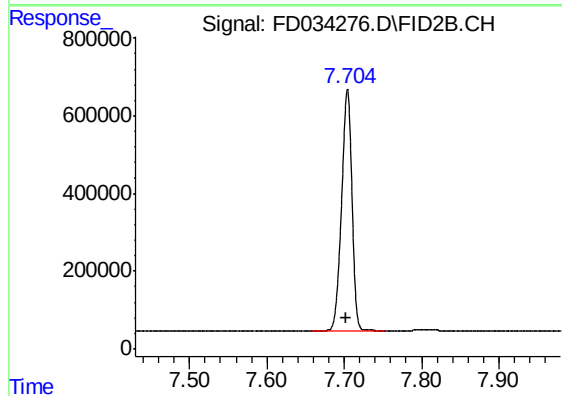
#2 Naphthalene (C11.7)

R.T.: 6.041 min
Delta R.T.: 0.002 min
Response: 6621309
Conc: 47.85 ug/ml



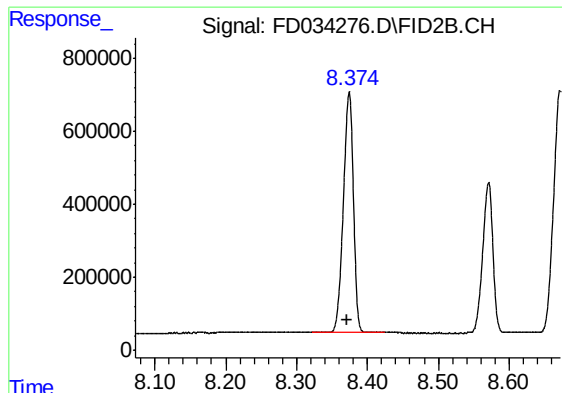
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.096 min
Delta R.T.: 0.004 min
Response: 6681383
Conc: 47.87 ug/ml



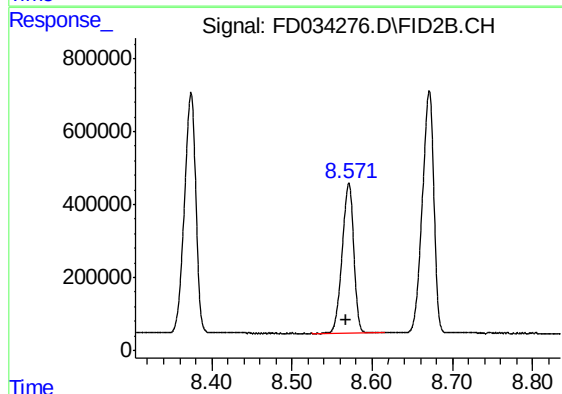
#4 2-Bromonaphthalene (SURR)

R.T.: 7.704 min
Delta R.T.: 0.003 min
Response: 5796043
Conc: 47.81 ug/ml



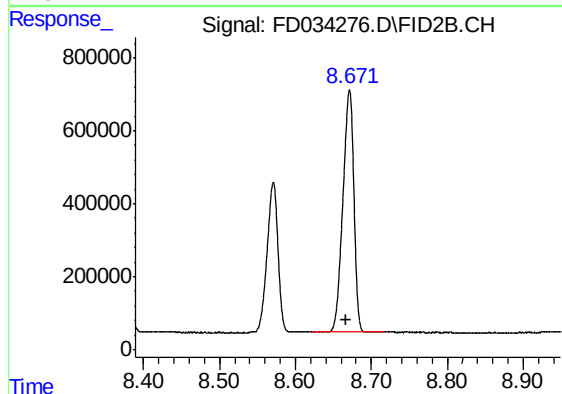
#5 Acenaphthylene (C15.06)

R.T.: 8.374 min
Delta R.T.: 0.004 min
Response: 6493344
Conc: 47.55 ug/ml



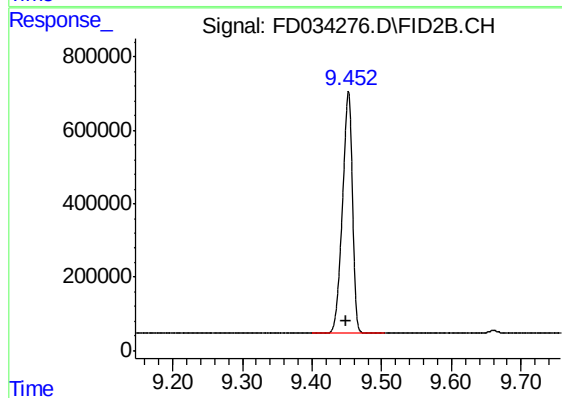
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.571 min
Delta R.T.: 0.003 min
Response: 4110865
Conc: 47.87 ug/ml



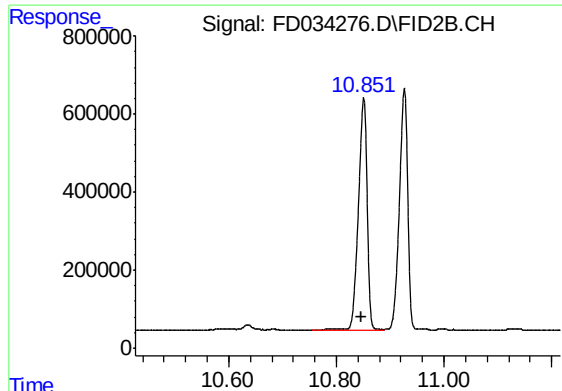
#7 Acenaphthene (C15.5)

R.T.: 8.671 min
Delta R.T.: 0.005 min
Response: 6636489
Conc: 47.71 ug/ml



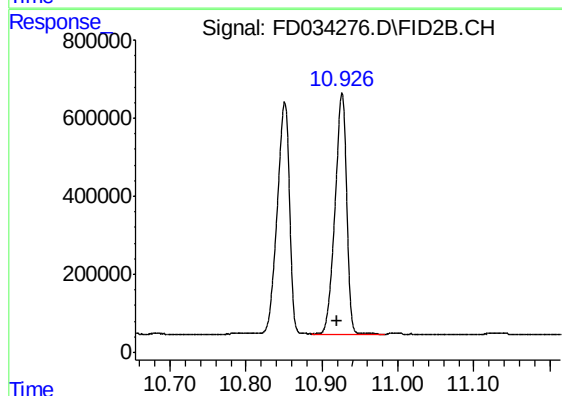
#8 Flouorene (C16.55)

R.T.: 9.452 min
Delta R.T.: 0.004 min
Response: 6563359
Conc: 47.69 ug/ml



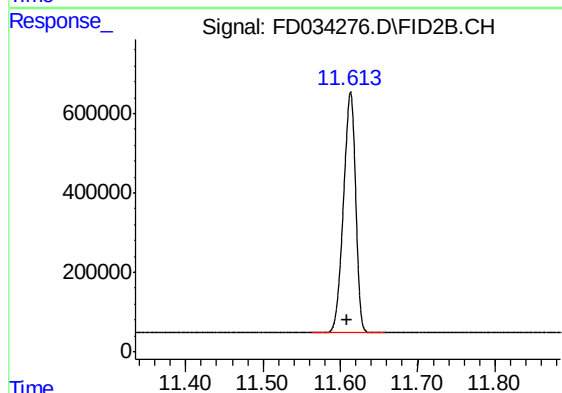
#9 Phenanthrene (C19.36)

R.T.: 10.851 min
Delta R.T.: 0.005 min
Response: 6643182
Conc: 47.74 ug/ml



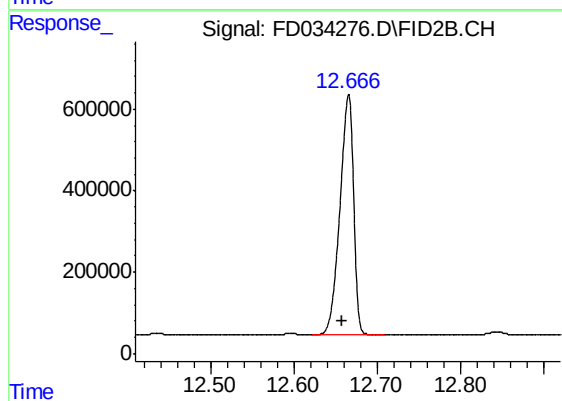
#10 Anthracene (C19.43)

R.T.: 10.927 min
Delta R.T.: 0.006 min
Response: 6577621
Conc: 47.69 ug/ml



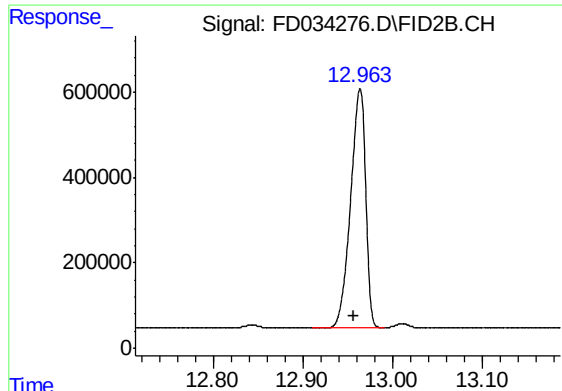
#11 ortho-Terphenyl (SURR)

R.T.: 11.613 min
Delta R.T.: 0.004 min
Response: 6692154
Conc: 47.64 ug/ml



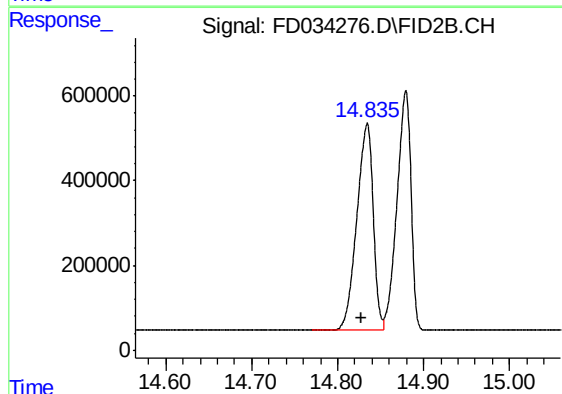
#12 Fluoranthene (C21.85)

R.T.: 12.666 min
Delta R.T.: 0.007 min
Response: 6690766
Conc: 47.57 ug/ml



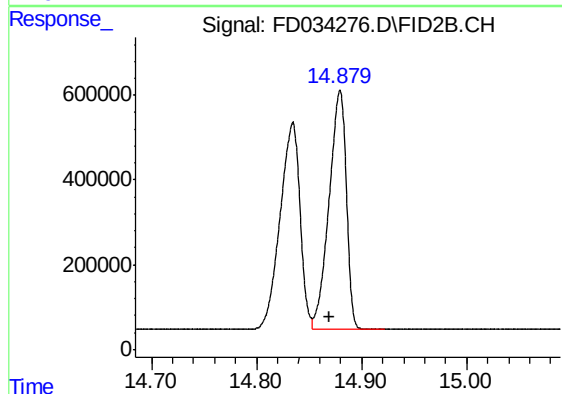
#13 Pyrene (C20.8)

R.T.: 12.964 min
Delta R.T.: 0.007 min
Response: 6548895
Conc: 47.61 ug/ml



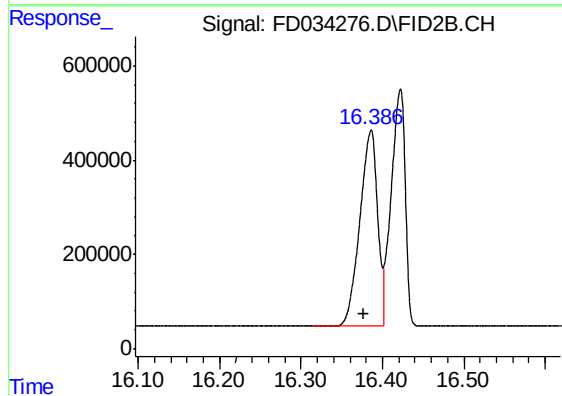
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.834 min
Delta R.T.: 0.007 min
Response: 6448330
Conc: 47.50 ug/ml



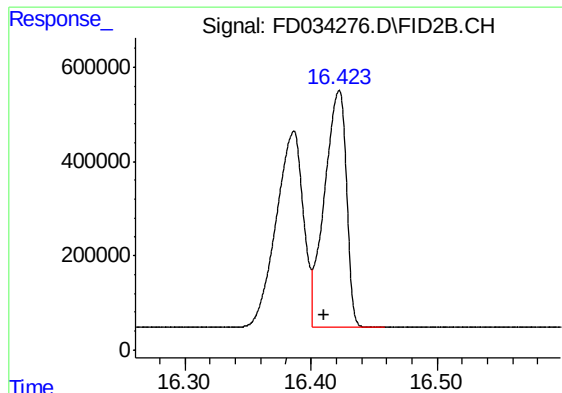
#15 Chrysene (C27.41)

R.T.: 14.879 min
Delta R.T.: 0.010 min
Response: 6431915
Conc: 47.49 ug/ml



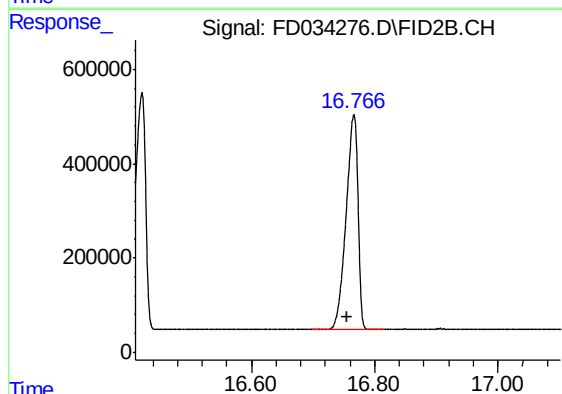
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.386 min
Delta R.T.: 0.008 min
Response: 6273528
Conc: 47.59 ug/ml



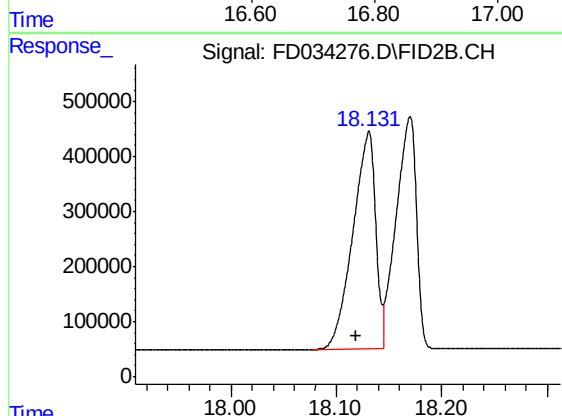
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.422 min
Delta R.T.: 0.012 min
Response: 6075352
Conc: 47.25 ug/ml



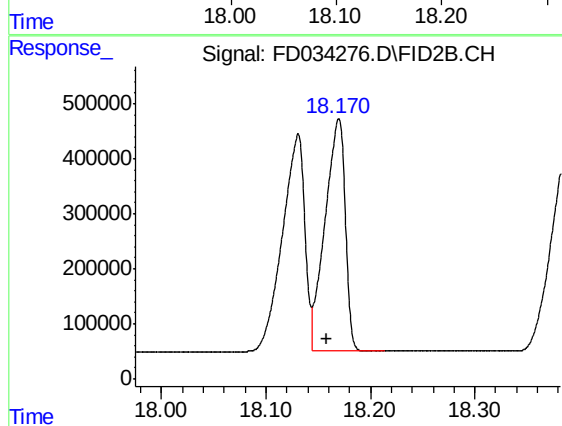
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.766 min
Delta R.T.: 0.011 min
Response: 6129924
Conc: 47.38 ug/ml



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

R.T.: 18.131 min
Delta R.T.: 0.012 min
Response: 5910830
Conc: 47.97 ug/ml



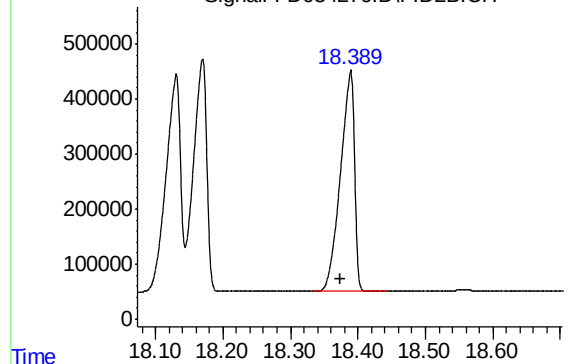
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.170 min
Delta R.T.: 0.012 min
Response: 5702453
Conc: 46.38 ug/ml

Response_

Signal: FD034276.D\FID2B.CH

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



R.T.: 18.389 min
Delta R.T.: 0.015 min
Response: 5789629
Conc: 47.17 ug/ml