

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022619AR\
 Data File : FD027972.D
 Signal(s) : FID2B.CH
 Acq On : 27 Feb 2019 00:39
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 27 03:10:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.334	1527508	20.575 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
6) S 2-Fluorobiphenyl (SURR)	8.182	998477	19.625 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.25%
11) S ortho-Terphenyl (SURR)	11.217	1683451	18.991 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.147	1793901	22.697 ug/ml
2) T Naphthalene (C11.7)	5.672	1821550	21.400 ug/ml
3) T 2-Methylnaphthalene (...)	6.720	1769526	20.975 ug/ml
5) T Acenaphthylene (C15.06)	7.985	1658284	19.805 ug/ml
7) T Acenaphthene (C15.5)	8.279	1752598	19.939 ug/ml
8) T Fluorene (C16.55)	9.056	1651938	18.942 ug/ml
9) T Phenanthrene (C19.36)	10.442	1645766	18.735 ug/ml
10) T Anthracene (C19.43)	10.516	1648520	19.078 ug/ml
12) T Fluoranthene (C21.85)	12.242	1751019	19.559 ug/ml
13) T Pyrene (C20.8)	12.534	1737960	19.586 ug/ml
14) T Benzo[a]anthracene (C...	14.398	1784149	19.953 ug/ml
15) T Chrysene (C27.41)	14.440	1892831	20.843 ug/ml
16) T benzo[b]fluoranthene ...	15.939	1816428	18.598 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.972	1924825	19.467 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.315	1824308	18.658 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.673	1504988	15.176 ug/ml
20) T Dibenz[a,h]anthracene...	17.715	1552889	15.787 ug/ml
21) T Benzo[g,h,i]perylene ...	17.922	1695034	16.720 ug/ml

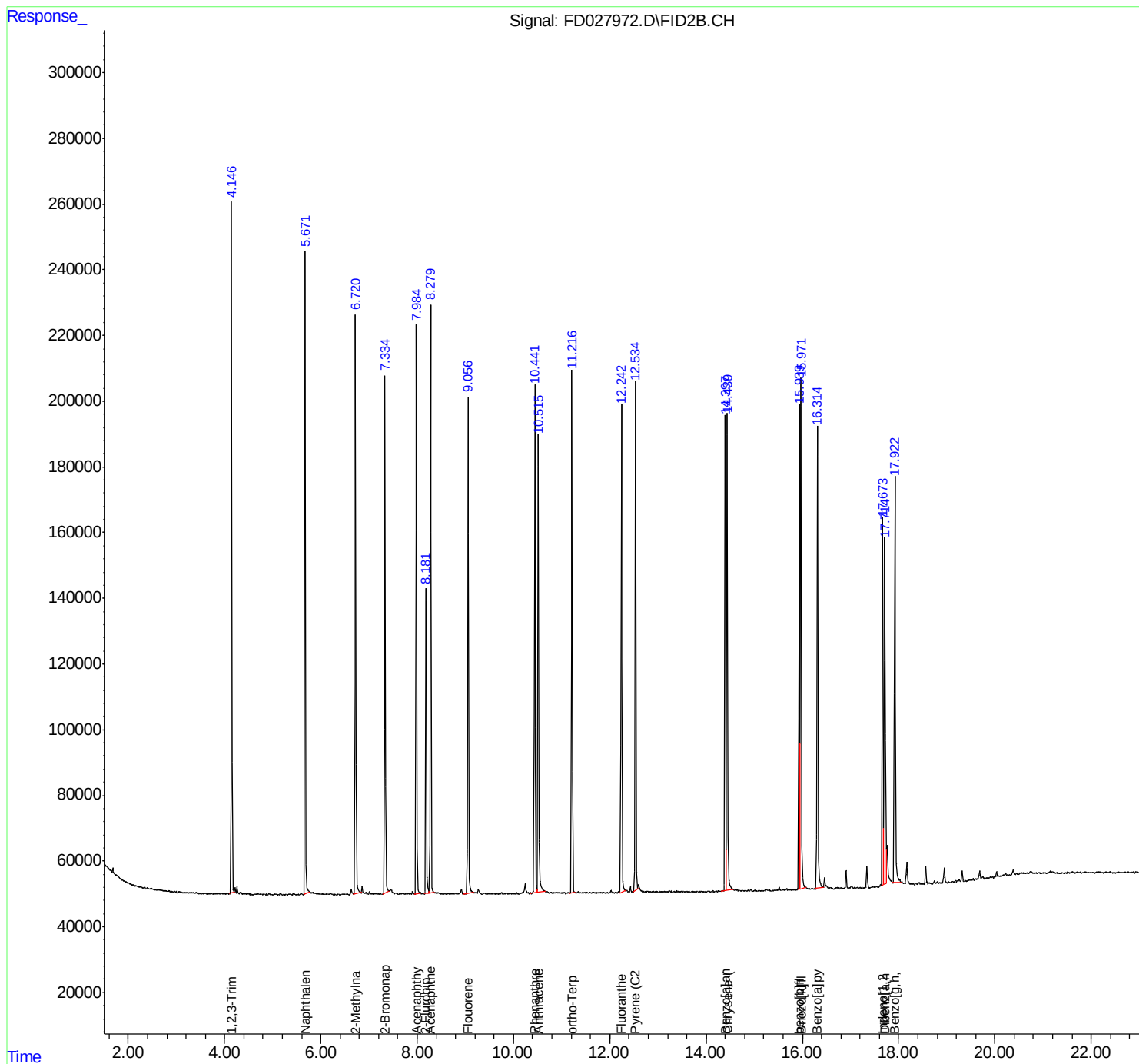
(f)=RT Delta > 1/2 Window

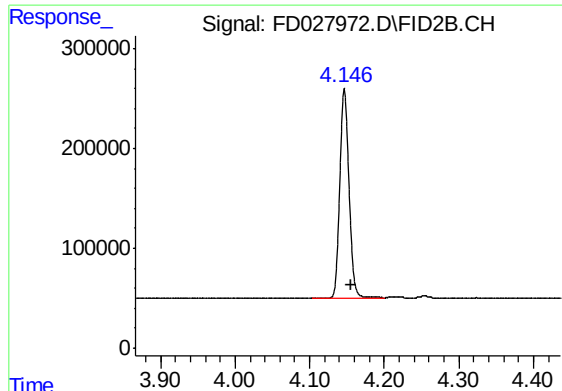
(m)=manual int.

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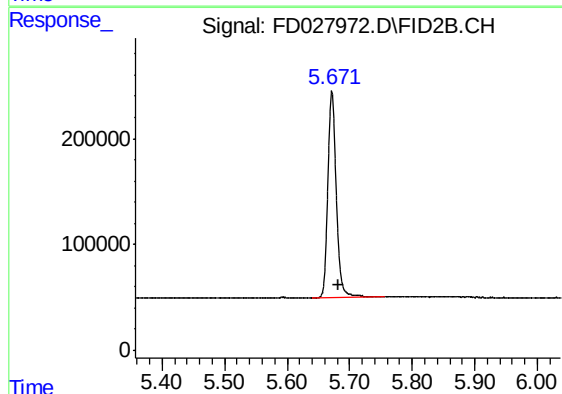
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





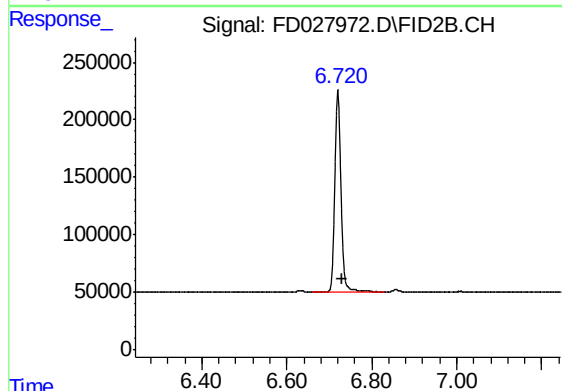
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.147 min
Delta R.T.: -0.008 min
Response: 1793901
Conc: 22.70 ug/ml



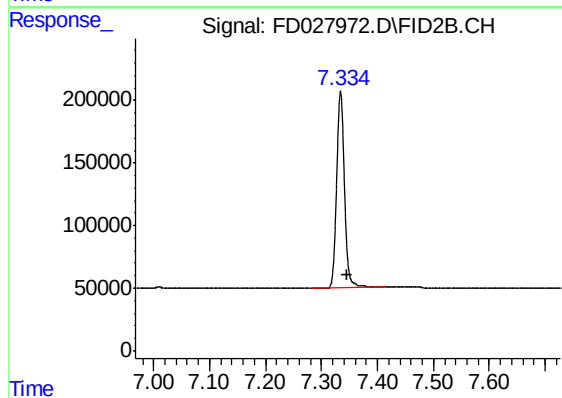
#2 Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.010 min
Response: 1821550
Conc: 21.40 ug/ml



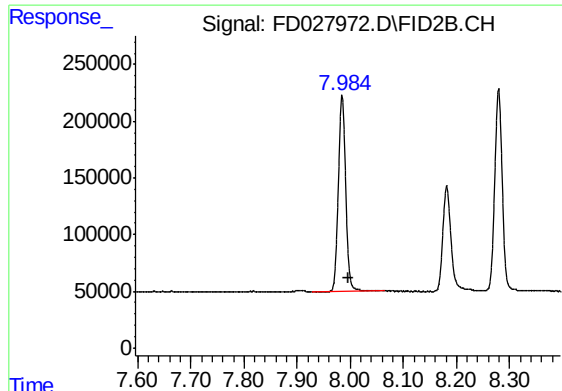
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.720 min
Delta R.T.: -0.011 min
Response: 1769526
Conc: 20.97 ug/ml



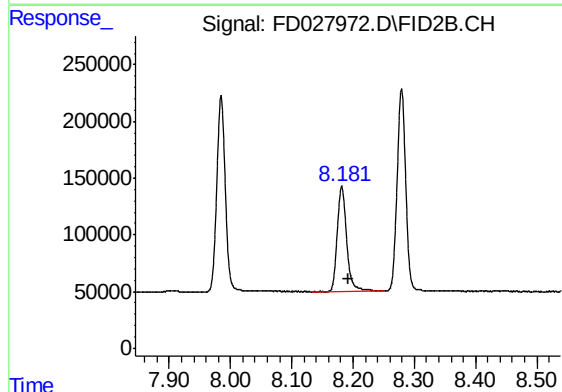
#4 2-Bromonaphthalene (SURR)

R.T.: 7.334 min
Delta R.T.: -0.011 min
Response: 1527508
Conc: 20.58 ug/ml



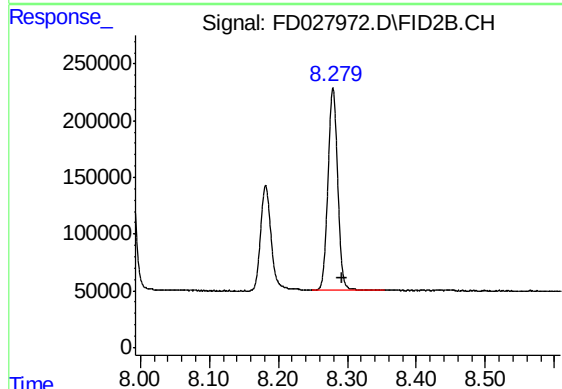
#5 Acenaphthylene (C15.06)

R.T.: 7.985 min
Delta R.T.: -0.012 min
Response: 1658284
Conc: 19.81 ug/ml



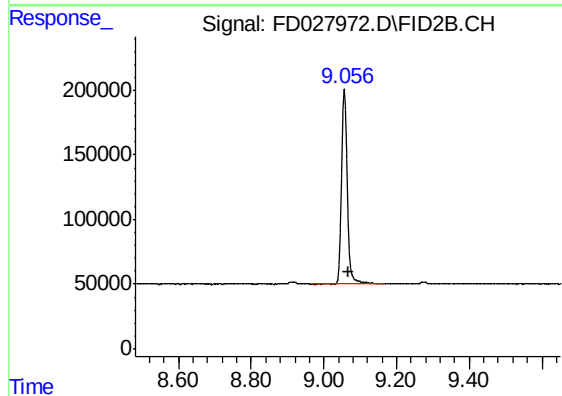
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.012 min
Response: 998477
Conc: 19.62 ug/ml



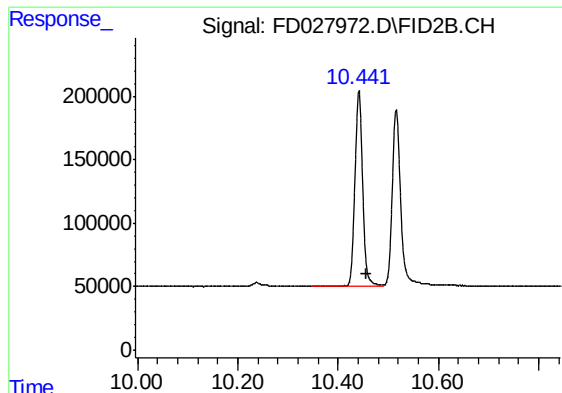
#7 Acenaphthene (C15.5)

R.T.: 8.279 min
Delta R.T.: -0.013 min
Response: 1752598
Conc: 19.94 ug/ml



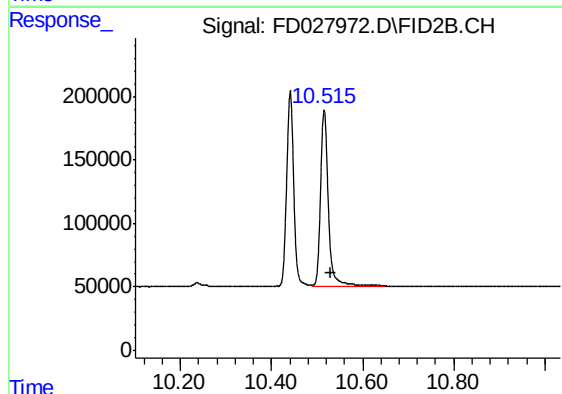
#8 Flouorene (C16.55)

R.T.: 9.056 min
Delta R.T.: -0.013 min
Response: 1651938
Conc: 18.94 ug/ml



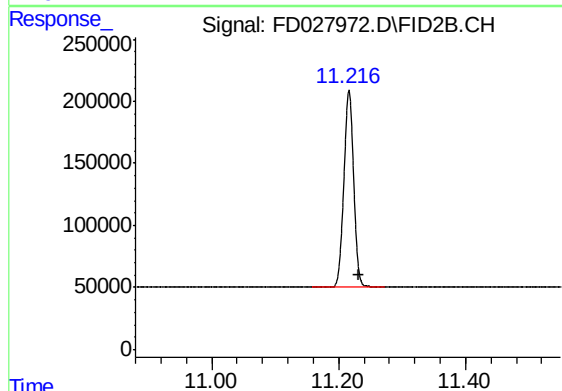
#9 Phenanthrene (C19.36)

R.T.: 10.442 min
Delta R.T.: -0.014 min
Response: 1645766
Conc: 18.74 ug/ml



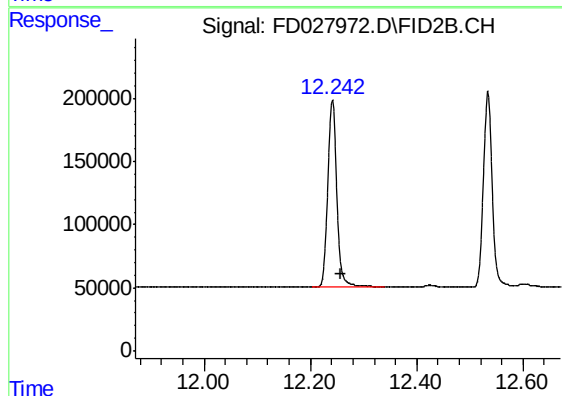
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.013 min
Response: 1648520
Conc: 19.08 ug/ml



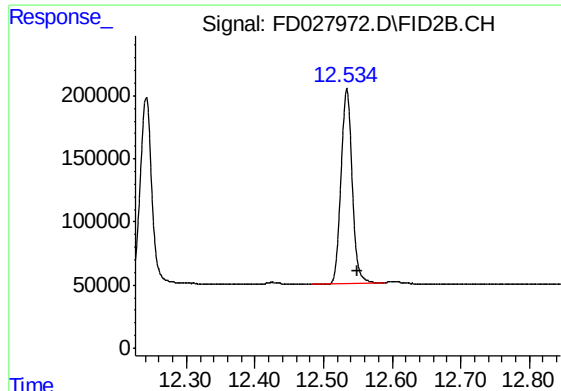
#11 ortho-Terphenyl (SURR)

R.T.: 11.217 min
Delta R.T.: -0.014 min
Response: 1683451
Conc: 18.99 ug/ml



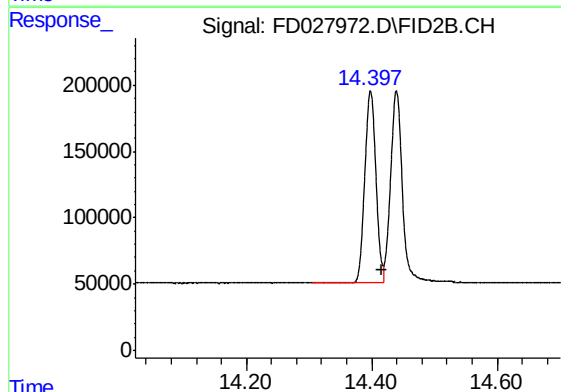
#12 Fluoranthene (C21.85)

R.T.: 12.242 min
Delta R.T.: -0.015 min
Response: 1751019
Conc: 19.56 ug/ml



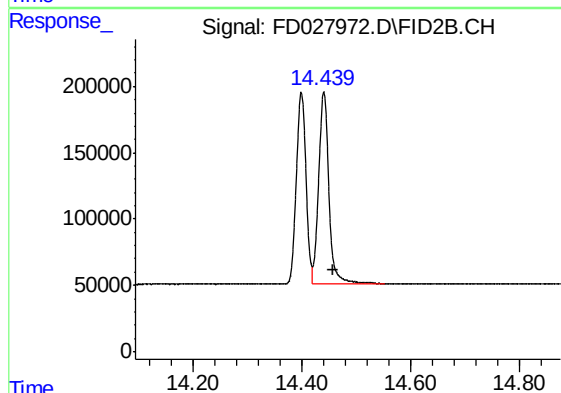
#13 Pyrene (C20.8)

R.T.: 12.534 min
Delta R.T.: -0.016 min
Response: 1737960
Conc: 19.59 ug/ml



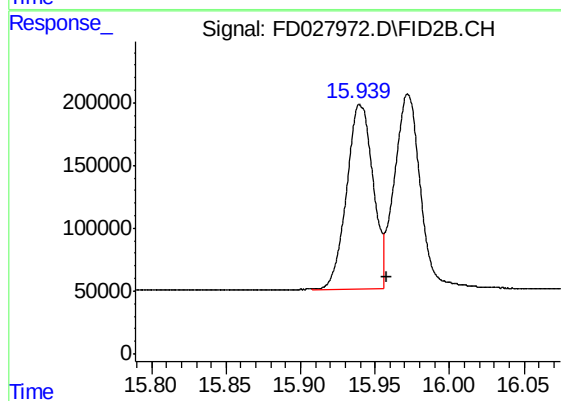
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.398 min
Delta R.T.: -0.018 min
Response: 1784149
Conc: 19.95 ug/ml



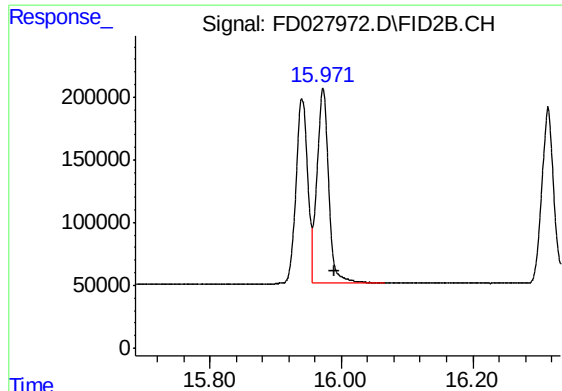
#15 Chrysene (C27.41)

R.T.: 14.440 min
Delta R.T.: -0.018 min
Response: 1892831
Conc: 20.84 ug/ml



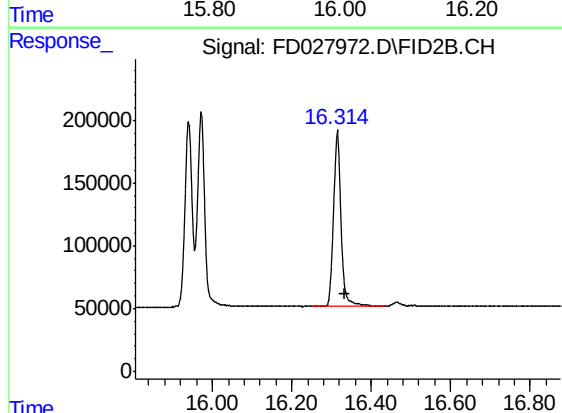
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.939 min
Delta R.T.: -0.019 min
Response: 1816428
Conc: 18.60 ug/ml m



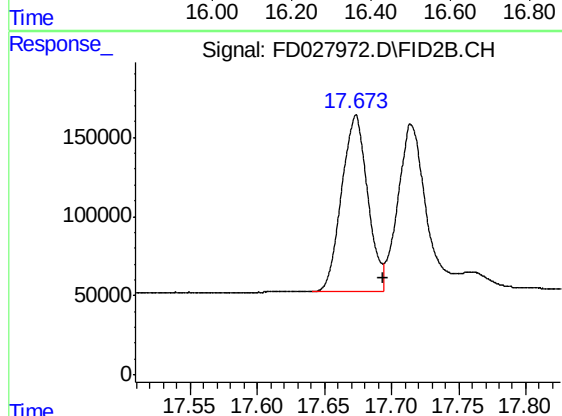
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.972 min
Delta R.T.: -0.018 min
Response: 1924825
Conc: 19.47 ug/ml



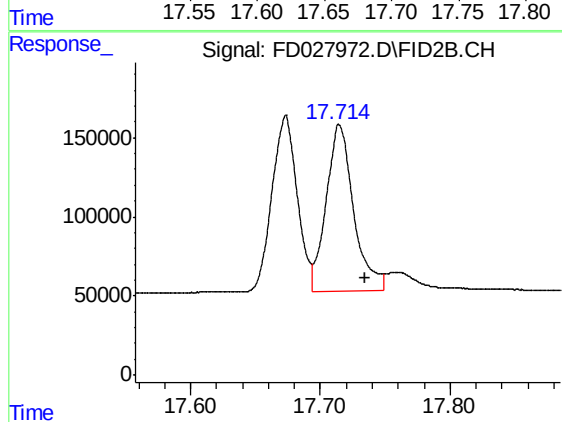
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.315 min
Delta R.T.: -0.020 min
Response: 1824308
Conc: 18.66 ug/ml



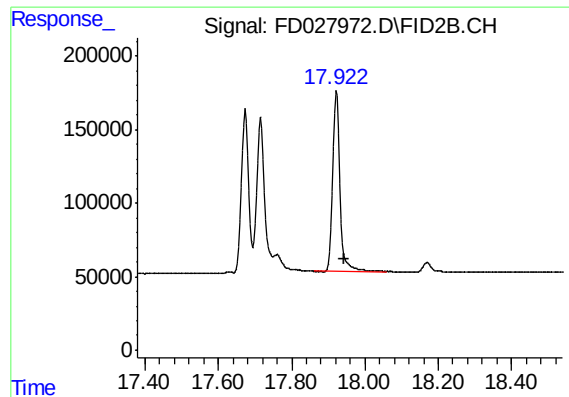
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.673 min
Delta R.T.: -0.020 min
Response: 1504988
Conc: 15.18 ug/ml



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

R.T.: 17.715 min
Delta R.T.: -0.020 min
Response: 1552889
Conc: 15.79 ug/ml



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

R.T.: 17.922 min
Delta R.T.: -0.021 min
Response: 1695034
Conc: 16.72 ug/ml