

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022619AR\
 Data File : FD027959.D
 Signal(s) : FID2B.CH
 Acq On : 26 Feb 2019 15:39
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 27 03:07:55 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	1527547	20.576 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
6) S 2-Fluorobiphenyl (SURR)	8.182	998339	19.622 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.24%
11) S ortho-Terphenyl (SURR)	11.217	1683577	18.992 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.146	1808298	22.880 ug/ml
2) T Naphthalene (C11.7)	5.672	1836954	21.581 ug/ml
3) T 2-Methylnaphthalene (...)	6.721	1774876	21.038 ug/ml
5) T Acenaphthylene (C15.06)	7.985	1650392	19.711 ug/ml
7) T Acenaphthene (C15.5)	8.278	1754179	19.957 ug/ml
8) T Flouorene (C16.55)	9.057	1635238	18.751 ug/ml
9) T Phenanthrene (C19.36)	10.442	1643799	18.713 ug/ml
10) T Anthracene (C19.43)	10.516	1640512	18.986 ug/ml
12) T Fluoranthene (C21.85)	12.242	1728022	19.302 ug/ml
13) T Pyrene (C20.8)	12.534	1717918	19.360 ug/ml
14) T Benzo[a]anthracene (C...	14.399	1764673	19.736 ug/ml
15) T Chrysene (C27.41)	14.441	1870658	20.599 ug/ml
16) T benzo[b]fluoranthene ...	15.973	1906310	19.519 ug/ml
17) T Bnezo[k]fluoranthene ...	15.973	1906310	19.280 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.316	1813286	18.545 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.675	1496846	15.094 ug/ml
20) T Dibenz[a,h]anthracene...	17.716	1565155	15.912 ug/ml
21) T Benzo[g,h,i]perylene ...	17.925	1678205	16.554 ug/ml

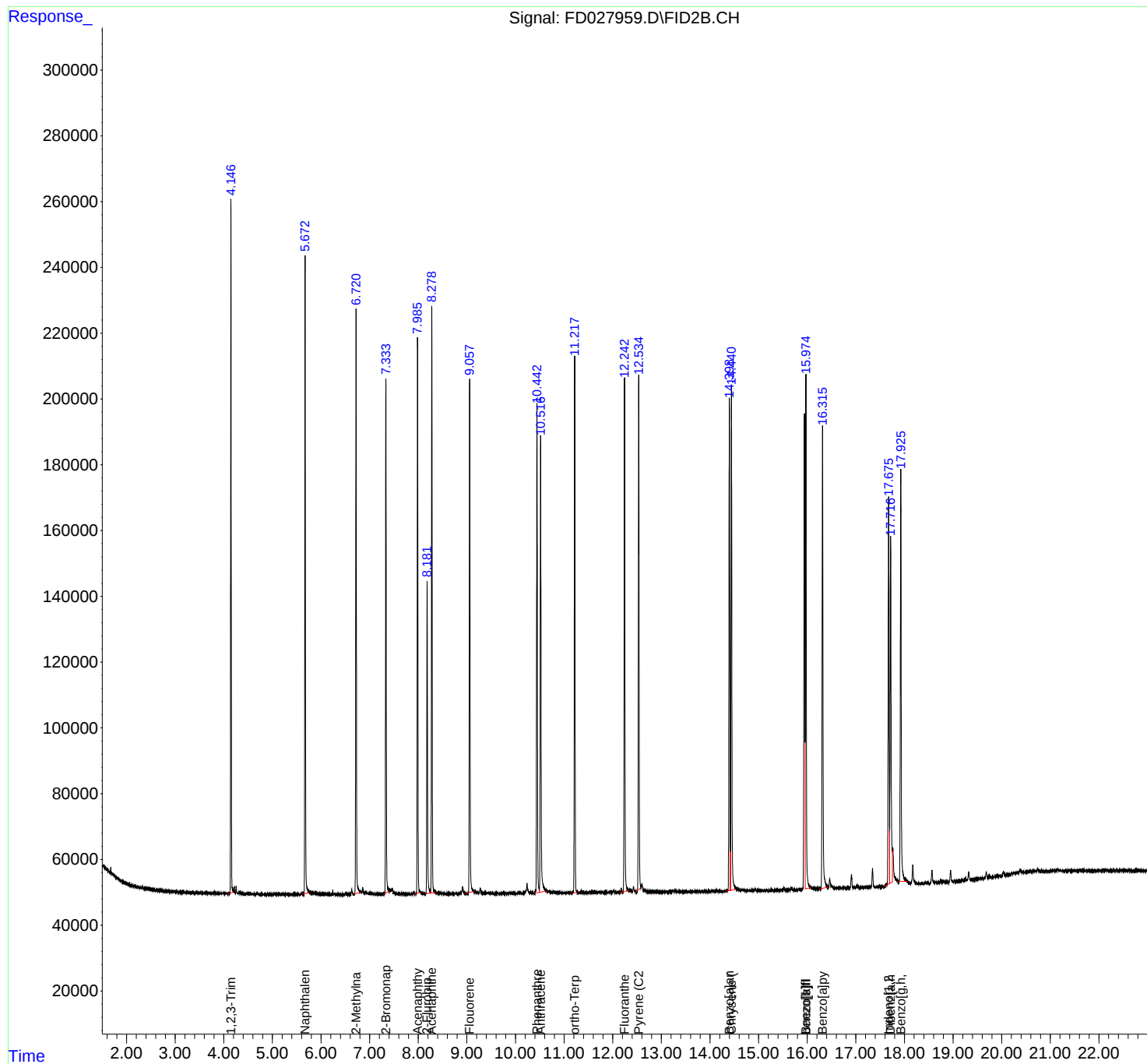
(f)=RT Delta > 1/2 Window

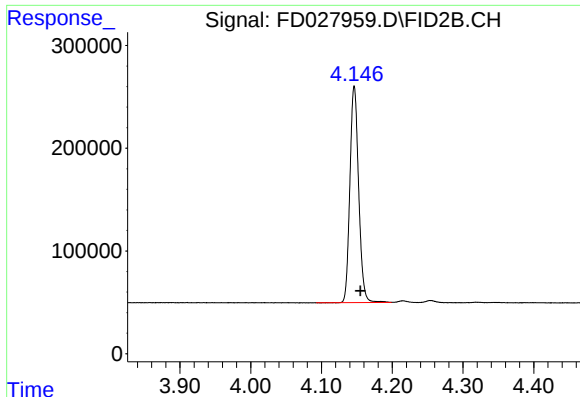
(m)=manual int.

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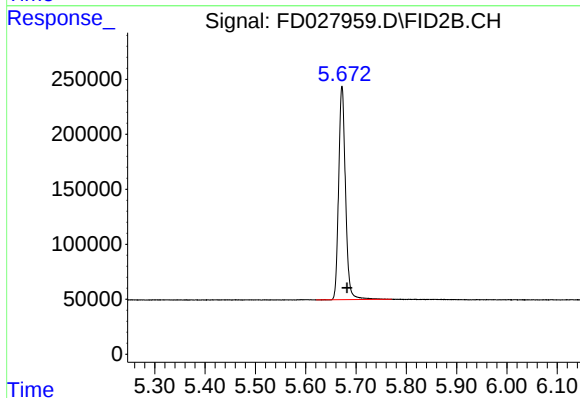
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





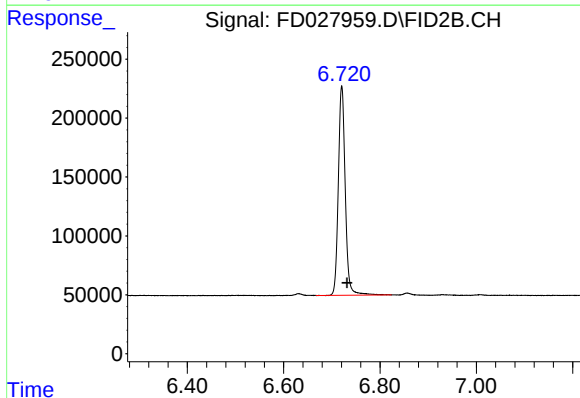
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.146 min
Delta R.T.: -0.009 min
Response: 1808298
Conc: 22.88 ug/ml



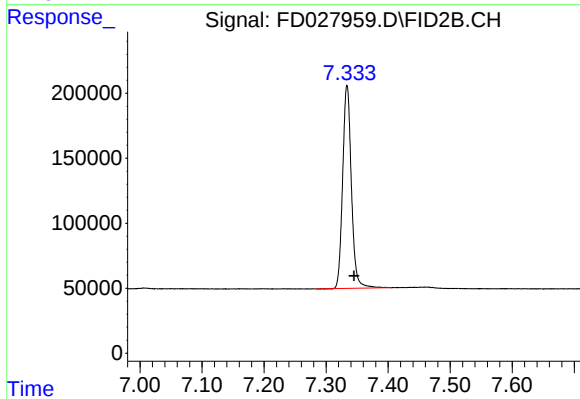
#2 Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.010 min
Response: 1836954
Conc: 21.58 ug/ml



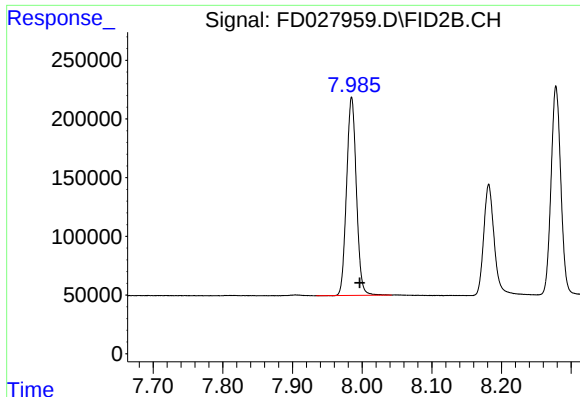
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.721 min
Delta R.T.: -0.011 min
Response: 1774876
Conc: 21.04 ug/ml



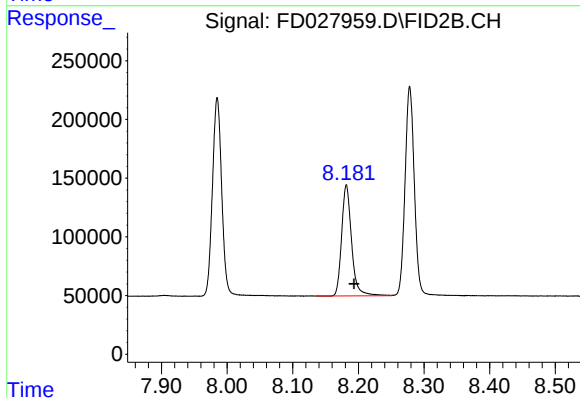
#4 2-Bromonaphthalene (SURR)

R.T.: 7.334 min
Delta R.T.: -0.011 min
Response: 1527547
Conc: 20.58 ug/ml



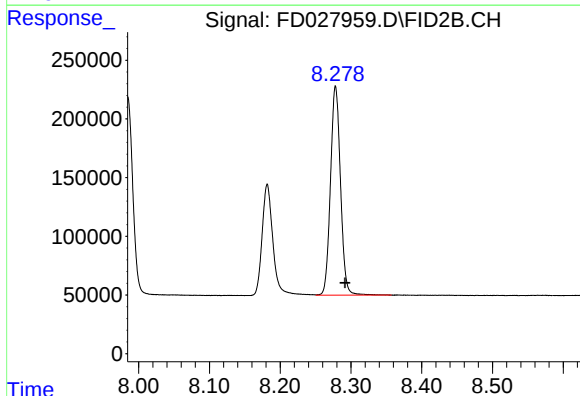
#5 Acenaphthylene (C15.06)

R.T.: 7.985 min
Delta R.T.: -0.012 min
Response: 1650392
Conc: 19.71 ug/ml



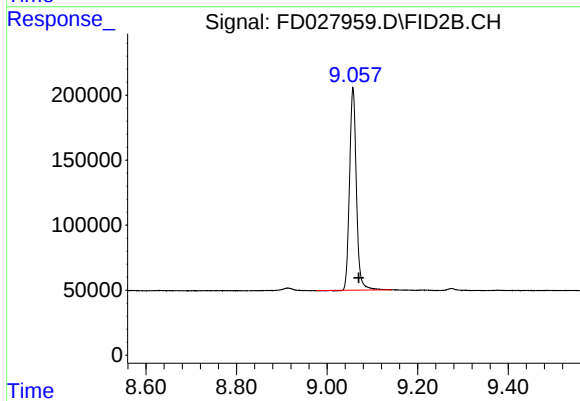
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.012 min
Response: 998339
Conc: 19.62 ug/ml



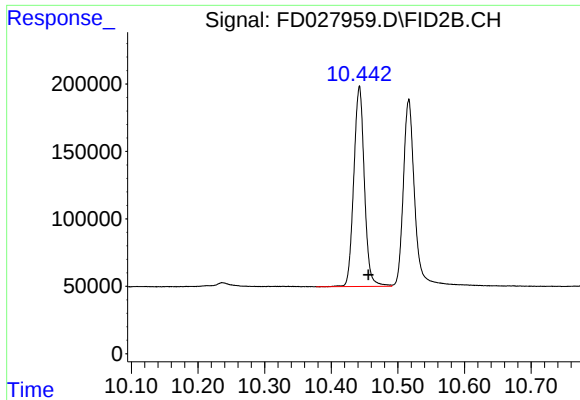
#7 Acenaphthene (C15.5)

R.T.: 8.278 min
Delta R.T.: -0.013 min
Response: 1754179
Conc: 19.96 ug/ml



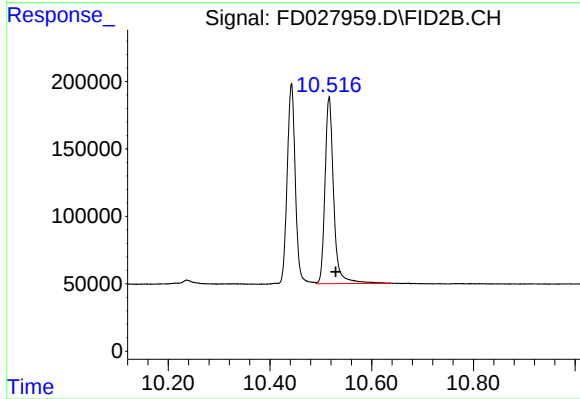
#8 Fluorene (C16.55)

R.T.: 9.057 min
Delta R.T.: -0.013 min
Response: 1635238
Conc: 18.75 ug/ml



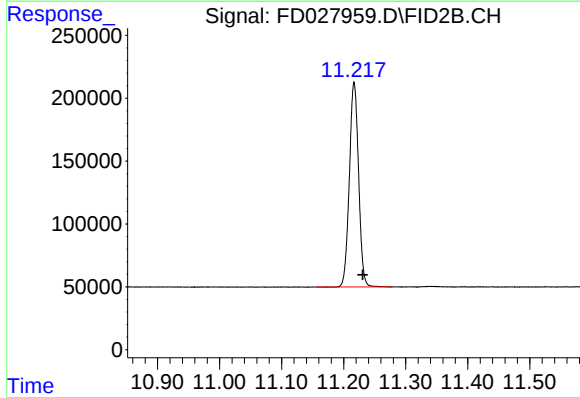
#9 Phenanthrene (C19.36)

R.T.: 10.442 min
Delta R.T.: -0.013 min
Response: 1643799
Conc: 18.71 ug/ml



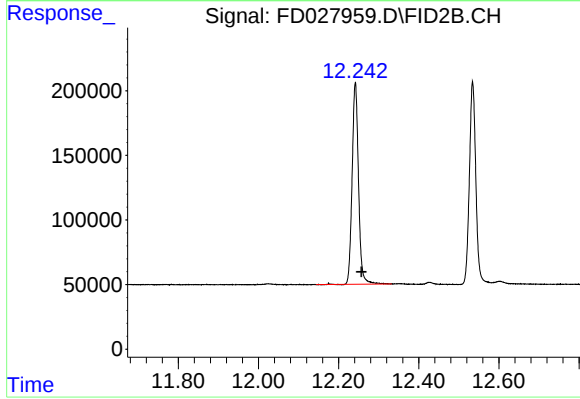
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.013 min
Response: 1640512
Conc: 18.99 ug/ml



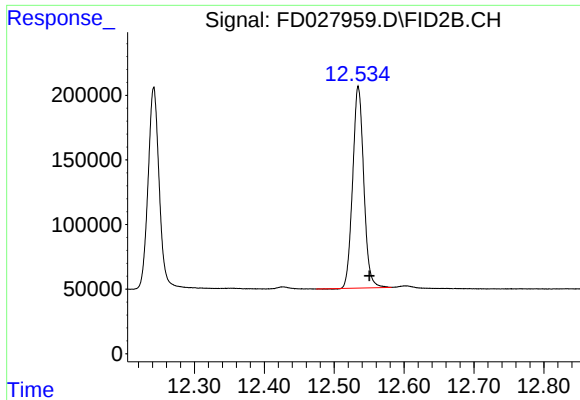
#11 ortho-Terphenyl (SURR)

R.T.: 11.217 min
Delta R.T.: -0.014 min
Response: 1683577
Conc: 18.99 ug/ml



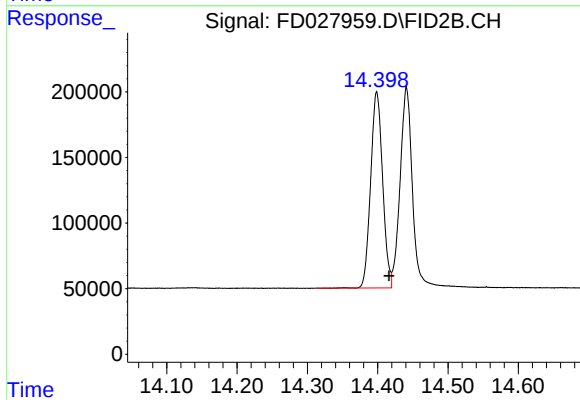
#12 Fluoranthene (C21.85)

R.T.: 12.242 min
Delta R.T.: -0.015 min
Response: 1728022
Conc: 19.30 ug/ml



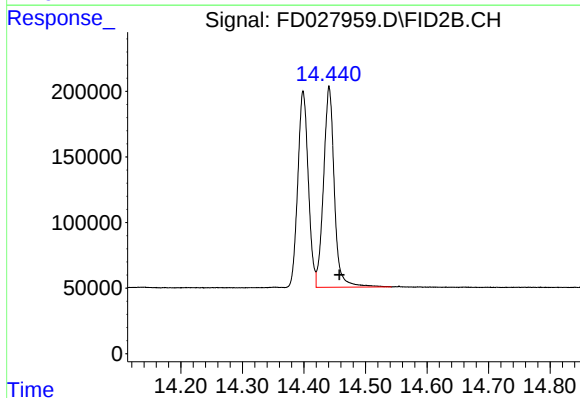
#13 Pyrene (C20.8)

R.T.: 12.534 min
Delta R.T.: -0.016 min
Response: 1717918
Conc: 19.36 ug/ml



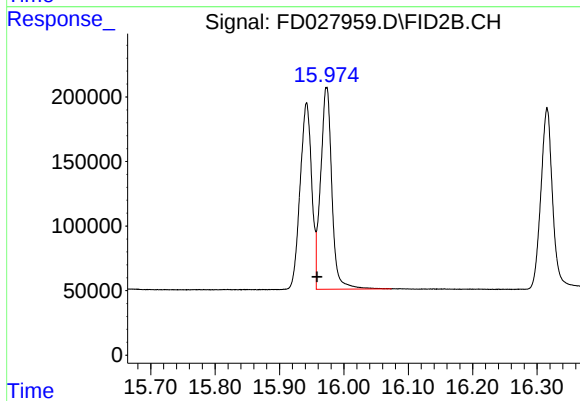
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.399 min
Delta R.T.: -0.017 min
Response: 1764673
Conc: 19.74 ug/ml



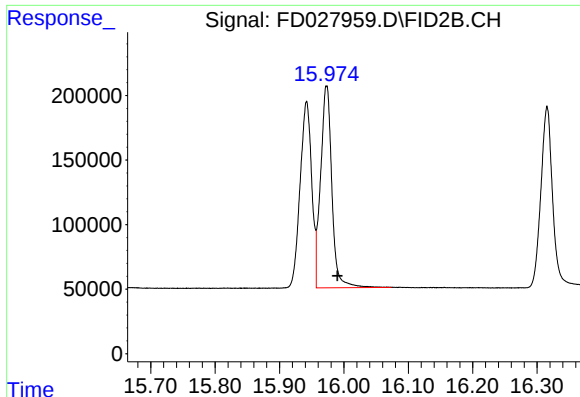
#15 Chrysene (C27.41)

R.T.: 14.441 min
Delta R.T.: -0.016 min
Response: 1870658
Conc: 20.60 ug/ml



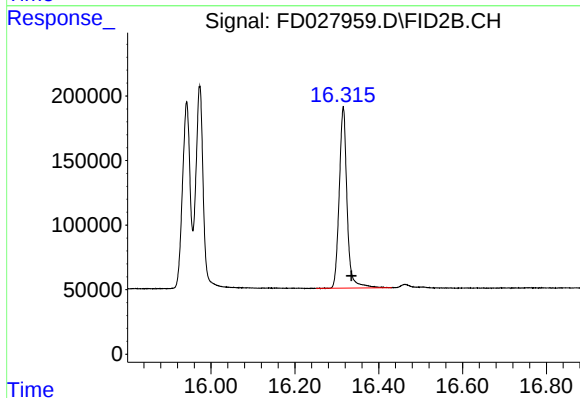
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.973 min
Delta R.T.: 0.015 min
Response: 1906310
Conc: 19.52 ug/ml



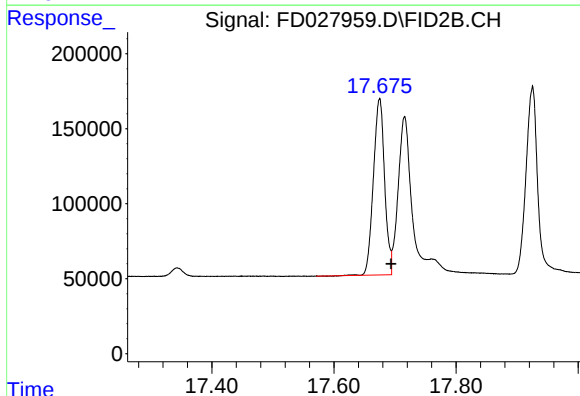
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.973 min
Delta R.T.: -0.017 min
Response: 1906310
Conc: 19.28 ug/ml



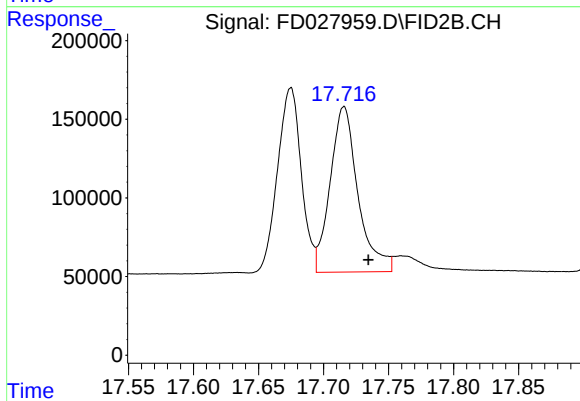
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.316 min
Delta R.T.: -0.019 min
Response: 1813286
Conc: 18.55 ug/ml



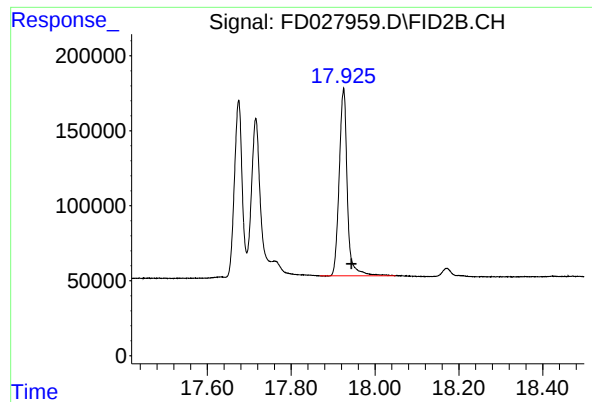
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.675 min
Delta R.T.: -0.019 min
Response: 1496846
Conc: 15.09 ug/ml



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

R.T.: 17.716 min
Delta R.T.: -0.019 min
Response: 1565155
Conc: 15.91 ug/ml



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

R.T.: 17.925 min
Delta R.T.: -0.019 min
Response: 1678205
Conc: 16.55 ug/ml