

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110618AR\
 Data File : FD026367.D
 Signal(s) : FID2B.CH
 Acq On : 06 Nov 2018 14:53
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 06 16:08:19 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 11:23:05 2018
 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...	7.401	1482937	20.059 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
6) S 2-Fluorobiphenyl (SURR)	8.253	1040081	20.261 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.52%
11) S ortho-Terphenyl (SURR)	11.297	1709029	21.634 ug/ml
Spiked Amount 50.000		Recovery =	43.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.203	1613353	20.167 ug/ml
2) T Naphthalene (C11.7)	5.736	1721451	20.031 ug/ml
3) T 2-Methylnaphthalene (...)	6.787	1679707	19.991 ug/ml
5) T Acenaphthylene (C15.06)	8.057	1630559	20.074 ug/ml
7) T Acenaphthene (C15.5)	8.352	1709383	20.175 ug/ml
8) T Flouorene (C16.55)	9.131	1707402	20.250 ug/ml
9) T Phenanthrene (C19.36)	10.520	1775695	21.060 ug/ml
10) T Anthracene (C19.43)	10.595	1734694	21.092 ug/ml
12) T Fluoranthene (C21.85)	12.327	1874064	22.022 ug/ml
13) T Pyrene (C20.8)	12.622	1889675	22.047 ug/ml
14) T Benzo[a]anthracene (C...	14.492	1847944	22.213 ug/ml
15) T Chrysene (C27.41)	14.533	1866619	22.219 ug/ml
16) T benzo[b]fluoranthene ...	16.071	1896736	21.197 ug/ml
17) T Bnezo[k]fluoranthene ...	16.071	1896736	21.278 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.413	1868463	20.721 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	1768571	18.871 ug/ml
20) T Dibenz[a,h]anthracene...	17.818	1743645	19.240 ug/ml
21) T Benzo[g,h,i]perylene ...	18.028	1791504	18.613 ug/ml

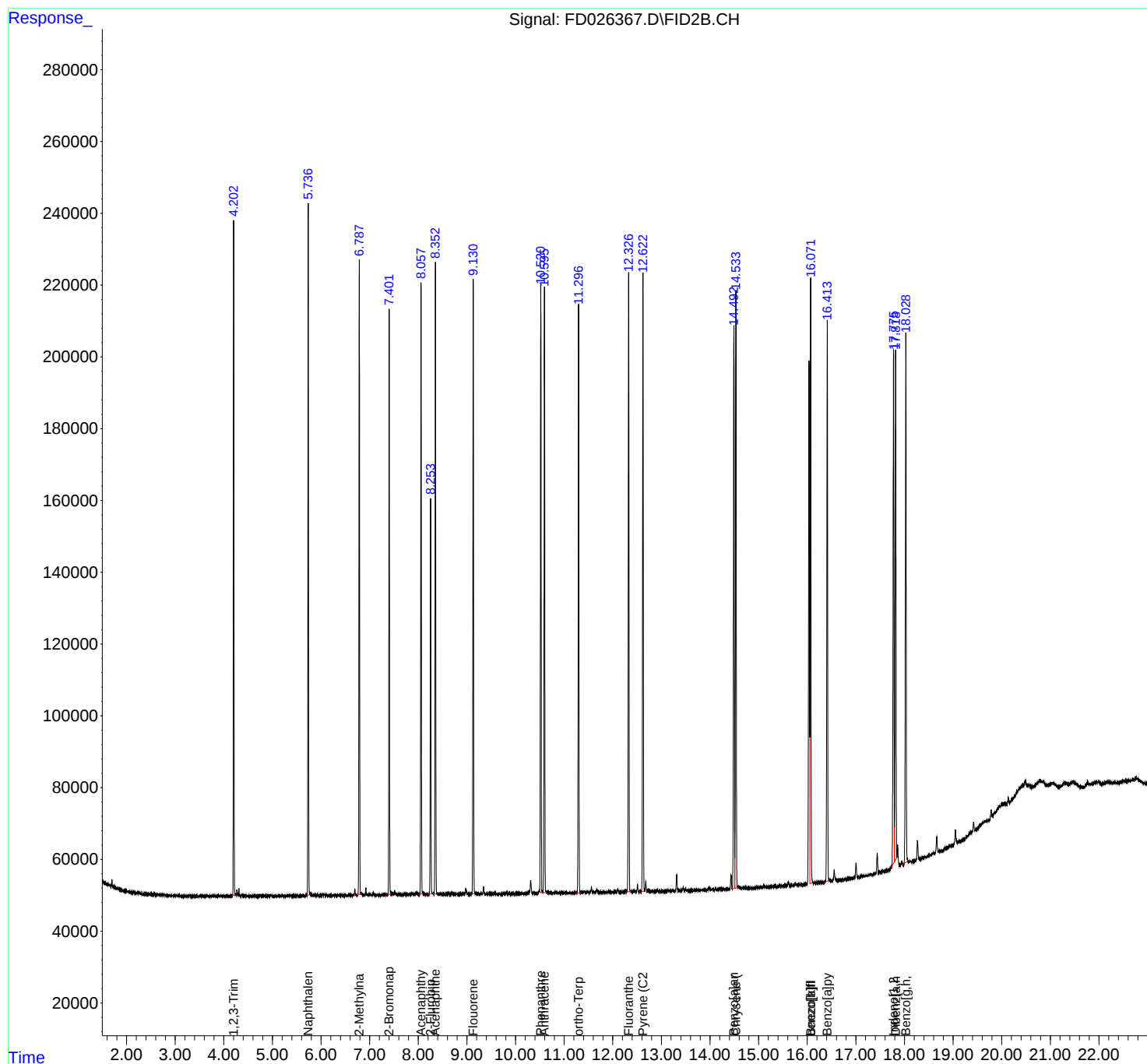
(f)=RT Delta > 1/2 Window

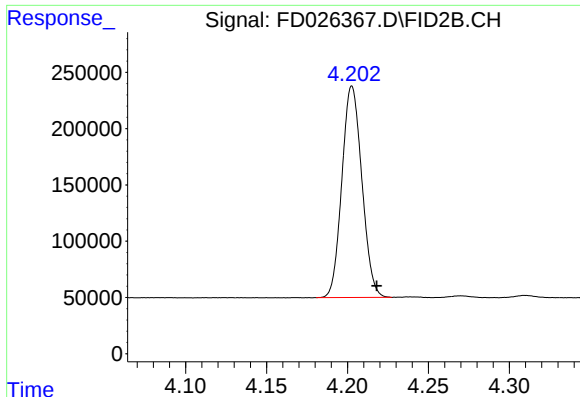
(m)=manual int.

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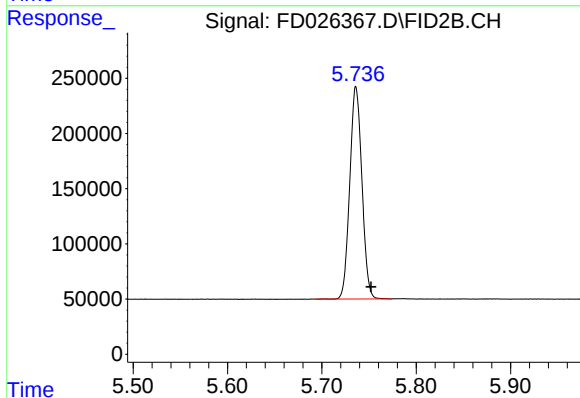
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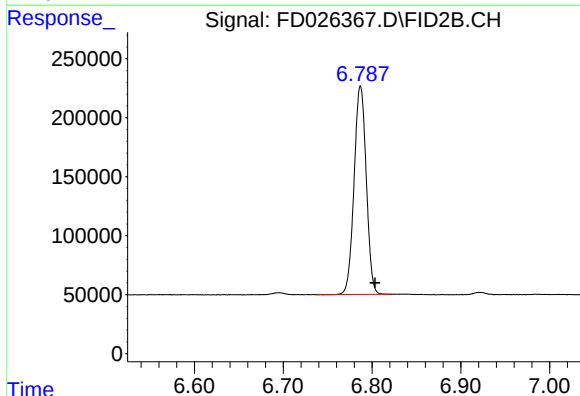
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.203 min
Delta R.T.: -0.015 min
Response: 1613353
Conc: 20.17 ug/ml



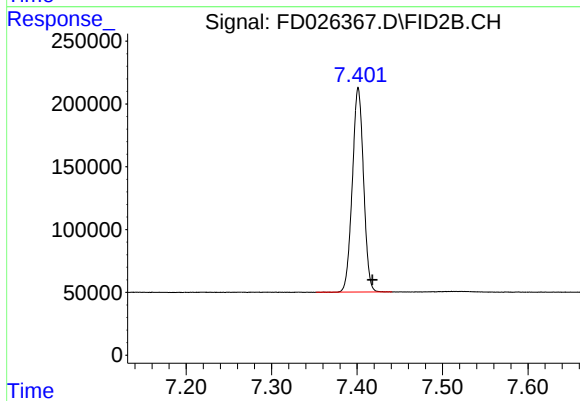
#2 Naphthalene (C11.7)

R.T.: 5.736 min
Delta R.T.: -0.016 min
Response: 1721451
Conc: 20.03 ug/ml



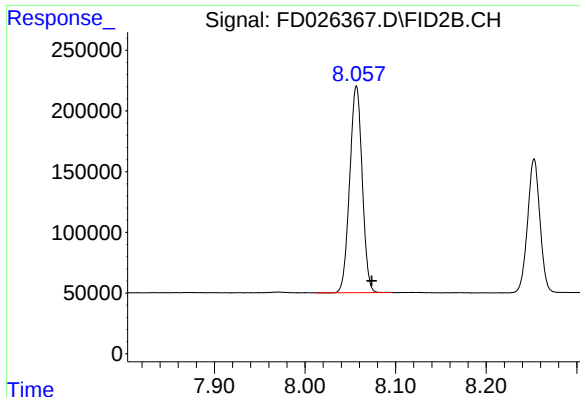
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.787 min
Delta R.T.: -0.017 min
Response: 1679707
Conc: 19.99 ug/ml



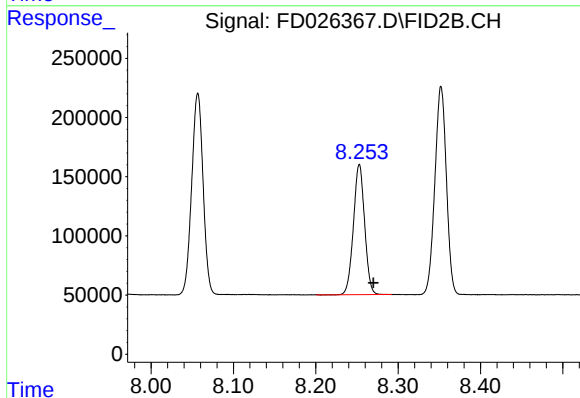
#4 2-Bromonaphthalene (SURR)

R.T.: 7.401 min
Delta R.T.: -0.017 min
Response: 1482937
Conc: 20.06 ug/ml



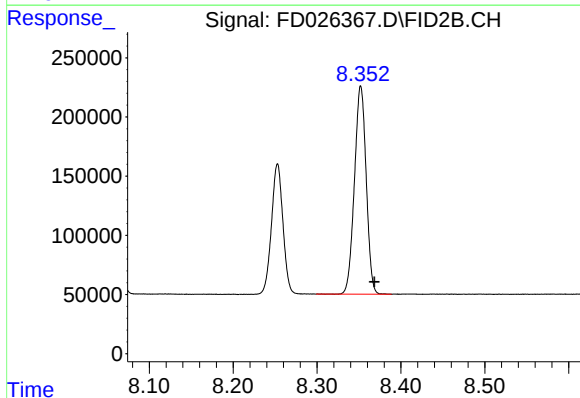
#5 Acenaphthylene (C15.06)

R.T.: 8.057 min
Delta R.T.: -0.017 min
Response: 1630559
Conc: 20.07 ug/ml



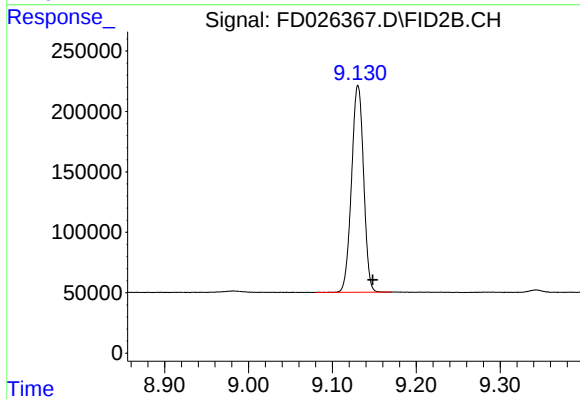
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.253 min
Delta R.T.: -0.017 min
Response: 1040081
Conc: 20.26 ug/ml



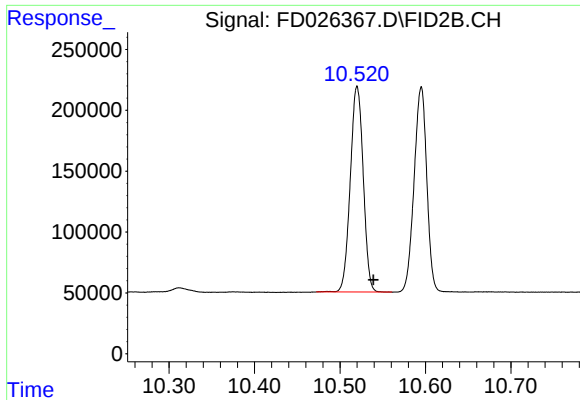
#7 Acenaphthene (C15.5)

R.T.: 8.352 min
Delta R.T.: -0.016 min
Response: 1709383
Conc: 20.18 ug/ml



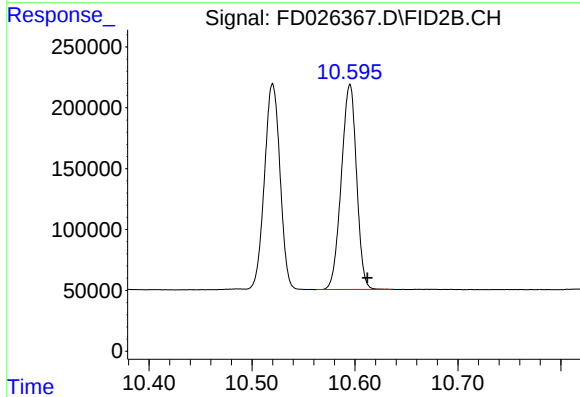
#8 Flouorene (C16.55)

R.T.: 9.131 min
Delta R.T.: -0.017 min
Response: 1707402
Conc: 20.25 ug/ml



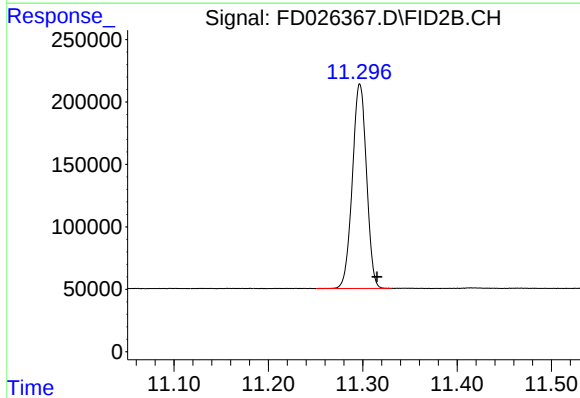
#9 Phenanthrene (C19.36)

R.T.: 10.520 min
Delta R.T.: -0.019 min
Response: 1775695
Conc: 21.06 ug/ml



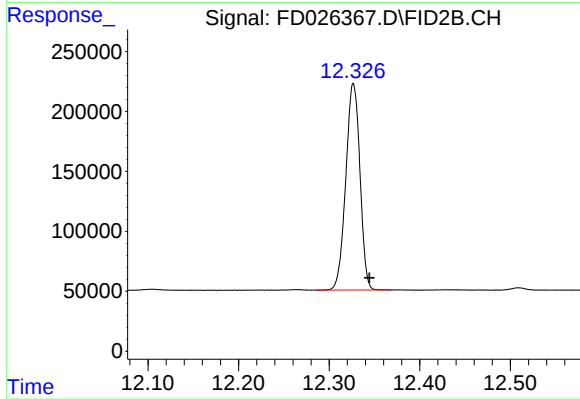
#10 Anthracene (C19.43)

R.T.: 10.595 min
Delta R.T.: -0.017 min
Response: 1734694
Conc: 21.09 ug/ml



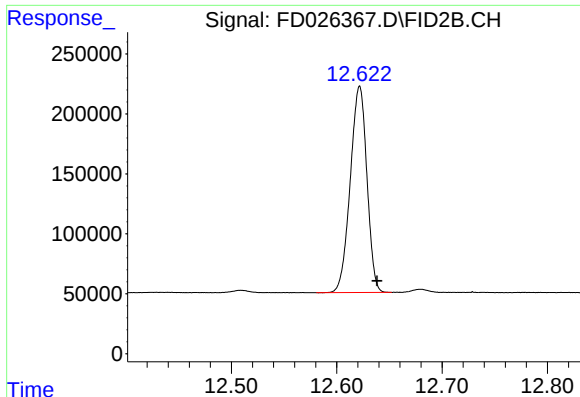
#11 ortho-Terphenyl (SURR)

R.T.: 11.297 min
Delta R.T.: -0.018 min
Response: 1709029
Conc: 21.63 ug/ml



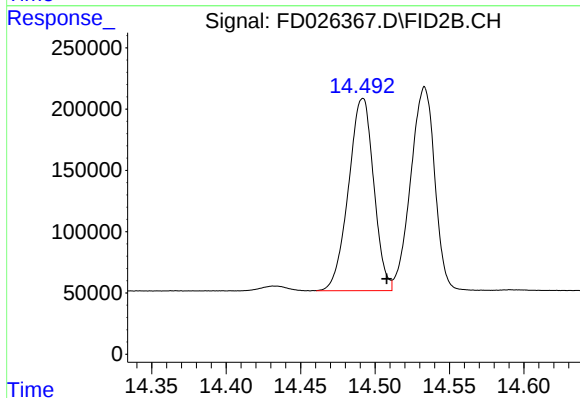
#12 Fluoranthene (C21.85)

R.T.: 12.327 min
Delta R.T.: -0.018 min
Response: 1874064
Conc: 22.02 ug/ml



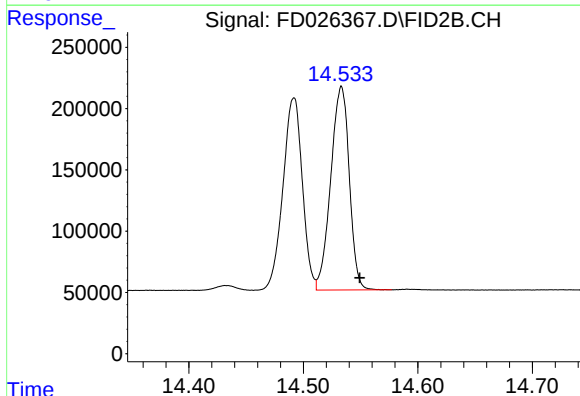
#13 Pyrene (C20.8)

R.T.: 12.622 min
Delta R.T.: -0.017 min
Response: 1889675
Conc: 22.05 ug/ml



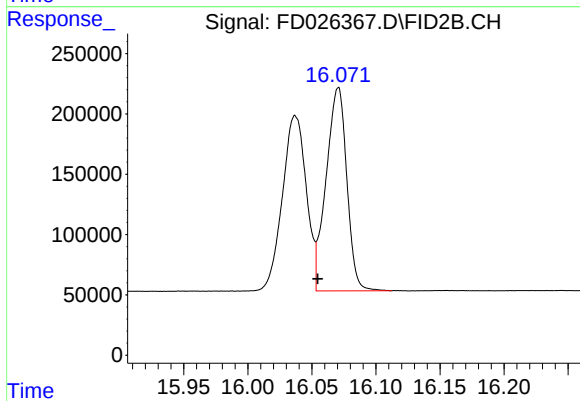
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.492 min
Delta R.T.: -0.016 min
Response: 1847944
Conc: 22.21 ug/ml



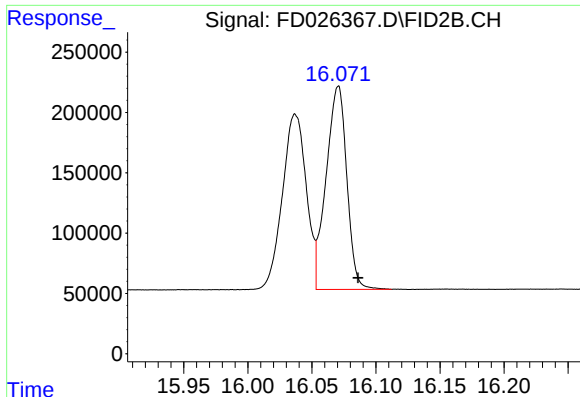
#15 Chrysene (C27.41)

R.T.: 14.533 min
Delta R.T.: -0.016 min
Response: 1866619
Conc: 22.22 ug/ml



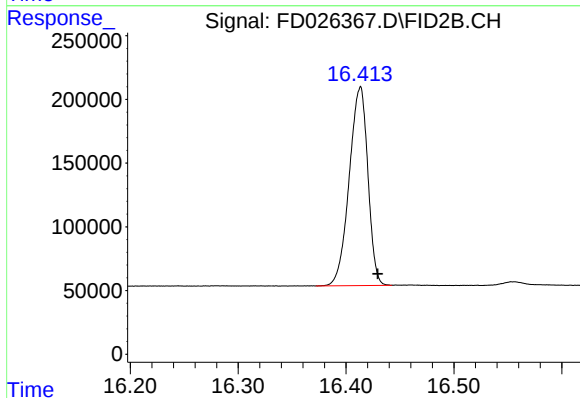
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.071 min
Delta R.T.: 0.016 min
Response: 1896736
Conc: 21.20 ug/ml



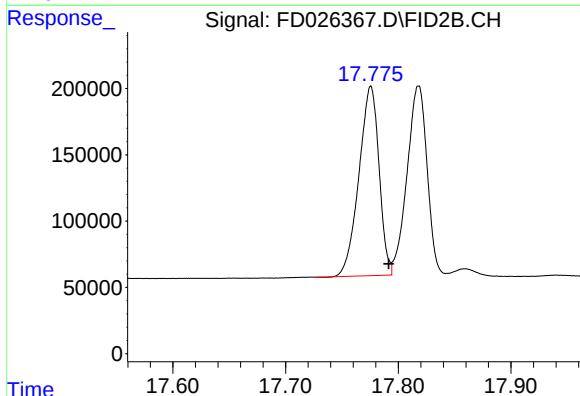
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.071 min
Delta R.T.: -0.016 min
Response: 1896736
Conc: 21.28 ug/ml



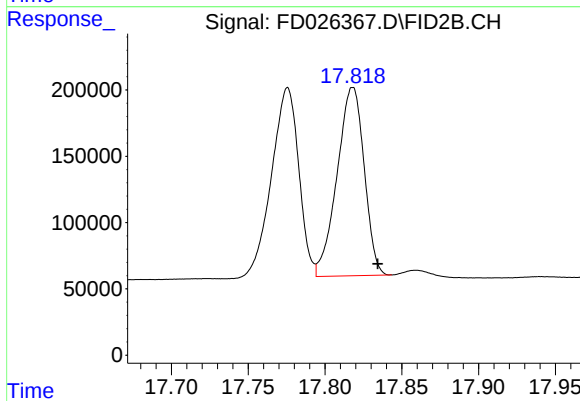
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.413 min
Delta R.T.: -0.016 min
Response: 1868463
Conc: 20.72 ug/ml



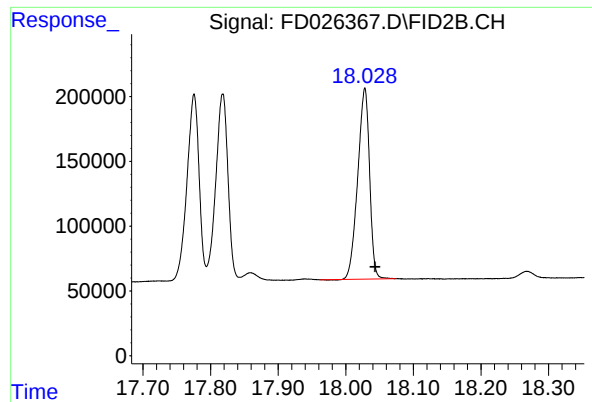
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.776 min
Delta R.T.: -0.016 min
Response: 1768571
Conc: 18.87 ug/ml



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

R.T.: 17.818 min
Delta R.T.: -0.016 min
Response: 1743645
Conc: 19.24 ug/ml



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

R.T.: 18.028 min
Delta R.T.: -0.015 min
Response: 1791504
Conc: 18.61 ug/ml