

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110518AR\
 Data File : FD026347.D
 Signal(s) : FID2B.CH
 Acq On : 05 Nov 2018 23:24
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 06 07:18:23 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...	7.402	1514142	20.481 ug/ml
Spiked Amount 50.000		Recovery =	40.96%
6) S 2-Fluorobiphenyl (SURR)	8.254	1054323	20.538 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.08%
11) S ortho-Terphenyl (SURR)	11.299	1730734	21.908 ug/ml
Spiked Amount 50.000		Recovery =	43.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.204	1663242	20.790 ug/ml
2) T Naphthalene (C11.7)	5.737	1759335	20.472 ug/ml
3) T 2-Methylnaphthalene (...)	6.788	1714785	20.409 ug/ml
5) T Acenaphthylene (C15.06)	8.058	1658439	20.417 ug/ml
7) T Acenaphthene (C15.5)	8.353	1735100	20.479 ug/ml
8) T Flouorene (C16.55)	9.132	1731748	20.539 ug/ml
9) T Phenanthrene (C19.36)	10.522	1786146	21.184 ug/ml
10) T Anthracene (C19.43)	10.596	1748690	21.263 ug/ml
12) T Fluoranthene (C21.85)	12.328	1895406	22.273 ug/ml
13) T Pyrene (C20.8)	12.622	1916654	22.362 ug/ml
14) T Benzo[a]anthracene (C...	14.492	1879084	22.588 ug/ml
15) T Chrysene (C27.41)	14.533	1896198	22.571 ug/ml
16) T benzo[b]fluoranthene ...	16.039	1928965	21.557 ug/ml
17) T Bnezo[k]fluoranthene ...	16.071	1928758	21.638 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.414	1908602	21.166 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.775	1816226	19.380 ug/ml
20) T Dibenz[a,h]anthracene...	17.818	1793626	19.792 ug/ml
21) T Benzo[g,h,i]perylene ...	18.027	1862420	19.350 ug/ml

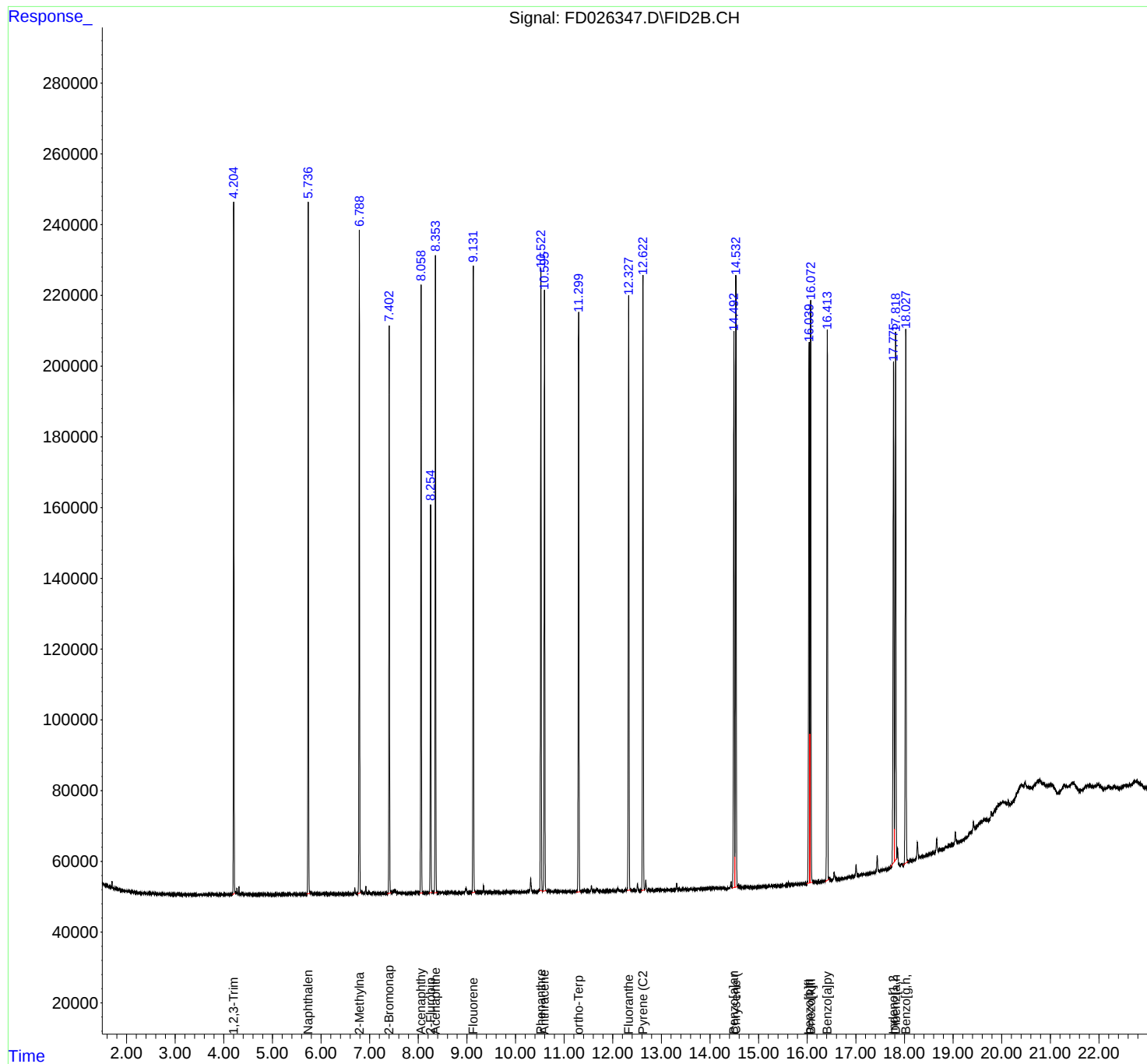
(f)=RT Delta > 1/2 Window

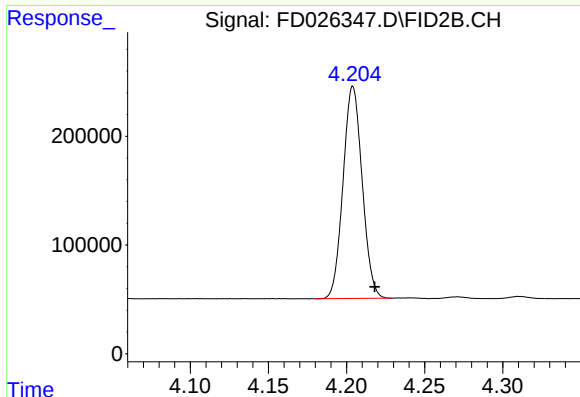
(m)=manual int.

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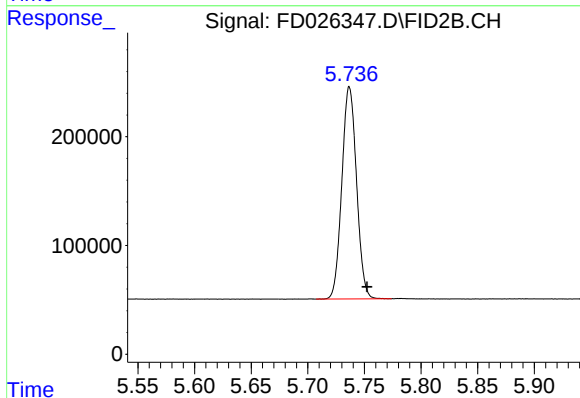
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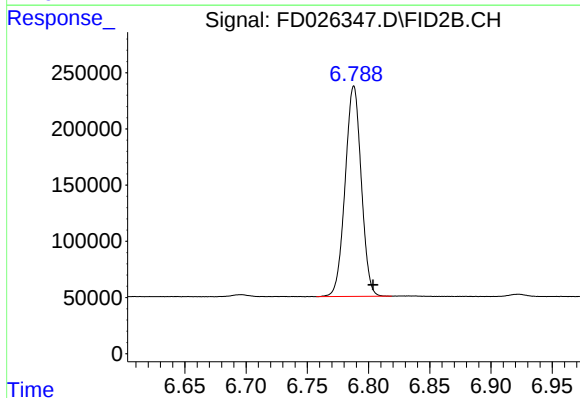
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.204 min
Delta R.T.: -0.014 min
Response: 1663242
Conc: 20.79 ug/ml



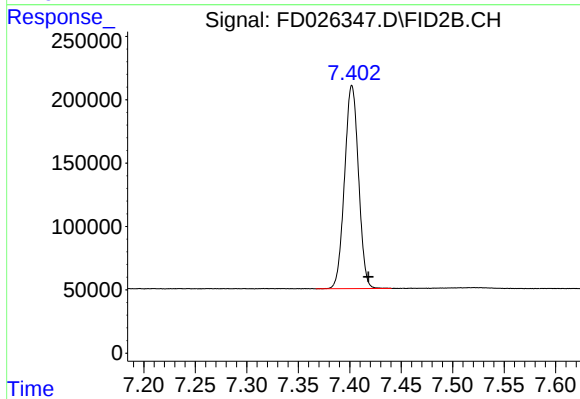
#2 Naphthalene (C11.7)

R.T.: 5.737 min
Delta R.T.: -0.015 min
Response: 1759335
Conc: 20.47 ug/ml



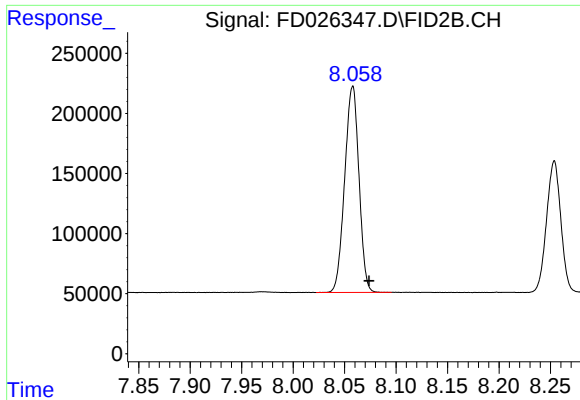
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.788 min
Delta R.T.: -0.016 min
Response: 1714785
Conc: 20.41 ug/ml



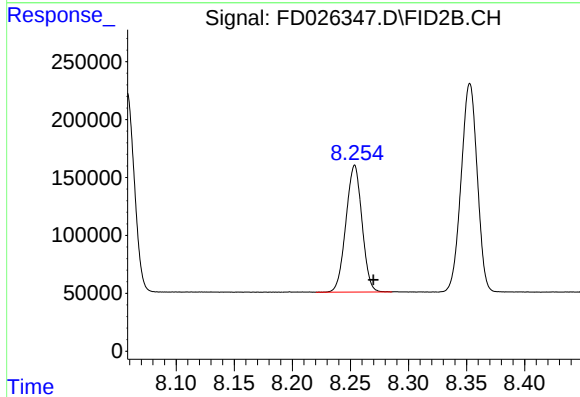
#4 2-Bromonaphthalene (SURR)

R.T.: 7.402 min
Delta R.T.: -0.016 min
Response: 1514142
Conc: 20.48 ug/ml



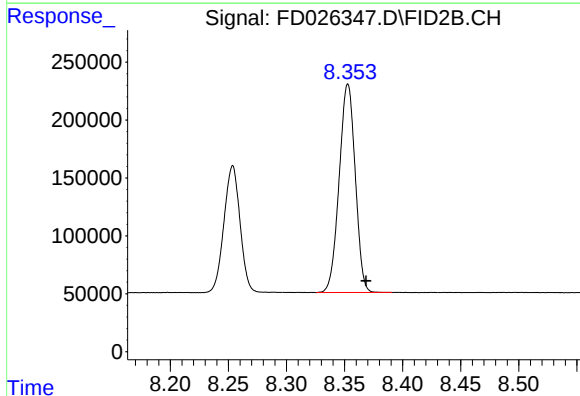
#5 Acenaphthylene (C15.06)

R.T.: 8.058 min
Delta R.T.: -0.016 min
Response: 1658439
Conc: 20.42 ug/ml



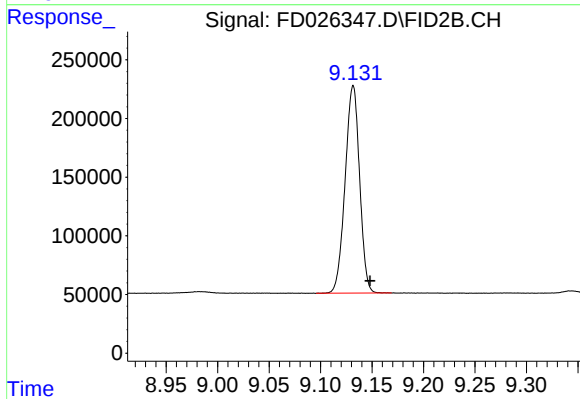
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.254 min
Delta R.T.: -0.016 min
Response: 1054323
Conc: 20.54 ug/ml



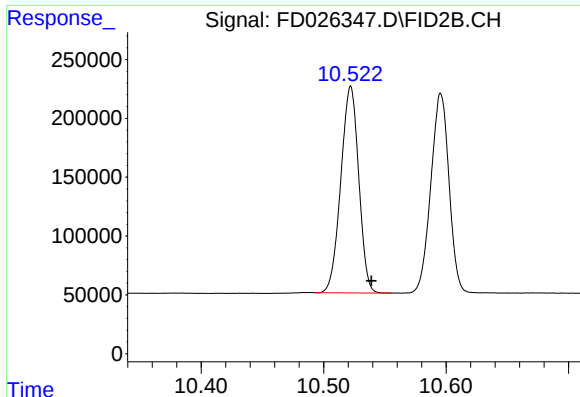
#7 Acenaphthene (C15.5)

R.T.: 8.353 min
Delta R.T.: -0.016 min
Response: 1735100
Conc: 20.48 ug/ml



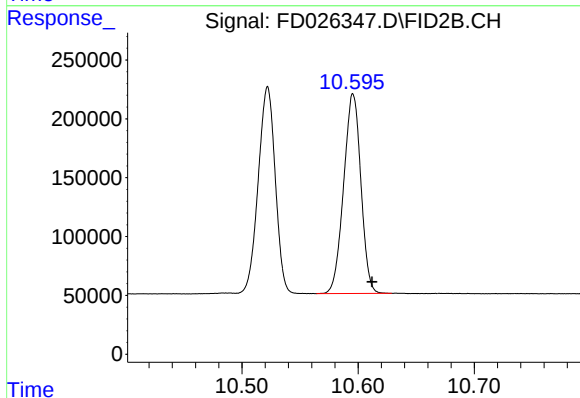
#8 Fluorene (C16.55)

R.T.: 9.132 min
Delta R.T.: -0.016 min
Response: 1731748
Conc: 20.54 ug/ml



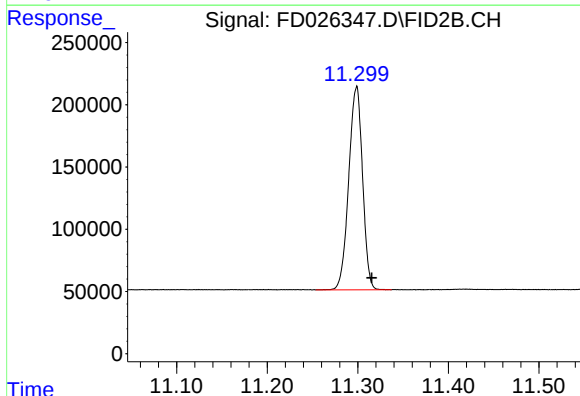
#9 Phenanthrene (C19.36)

R.T.: 10.522 min
Delta R.T.: -0.017 min
Response: 1786146
Conc: 21.18 ug/ml



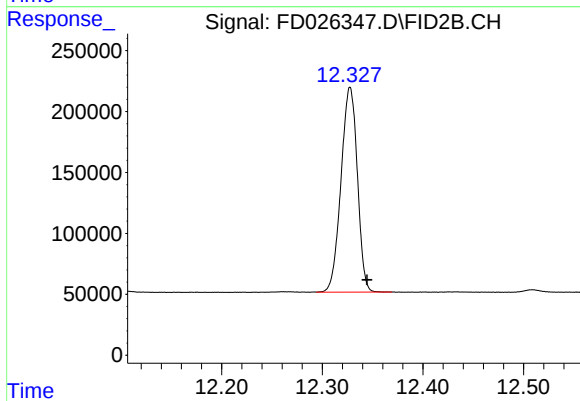
#10 Anthracene (C19.43)

R.T.: 10.596 min
Delta R.T.: -0.016 min
Response: 1748690
Conc: 21.26 ug/ml



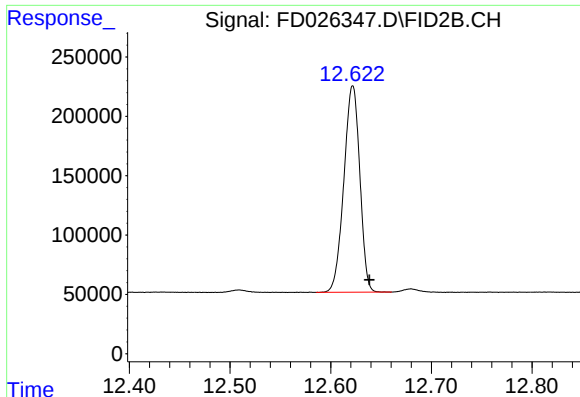
#11 ortho-Terphenyl (SURR)

R.T.: 11.299 min
Delta R.T.: -0.017 min
Response: 1730734
Conc: 21.91 ug/ml



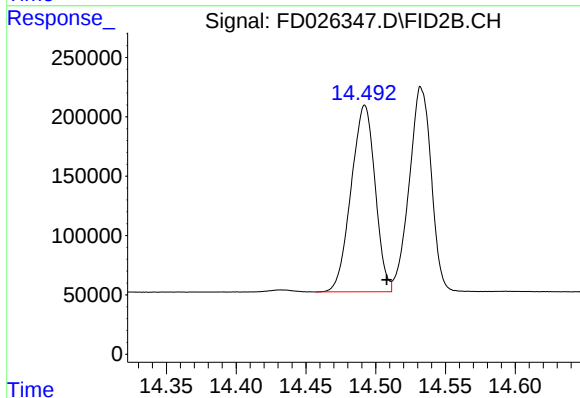
#12 Fluoranthene (C21.85)

R.T.: 12.328 min
Delta R.T.: -0.017 min
Response: 1895406
Conc: 22.27 ug/ml



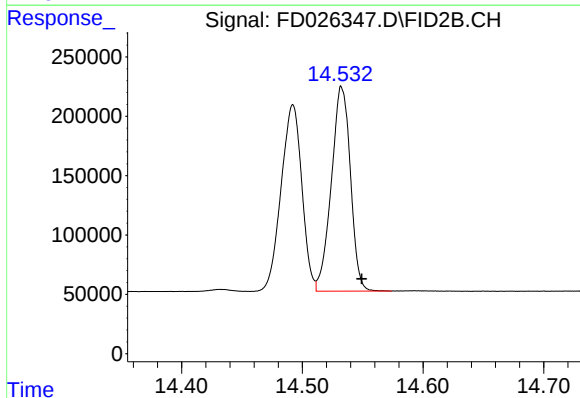
#13 Pyrene (C20.8)

R.T.: 12.622 min
Delta R.T.: -0.017 min
Response: 1916654
Conc: 22.36 ug/ml



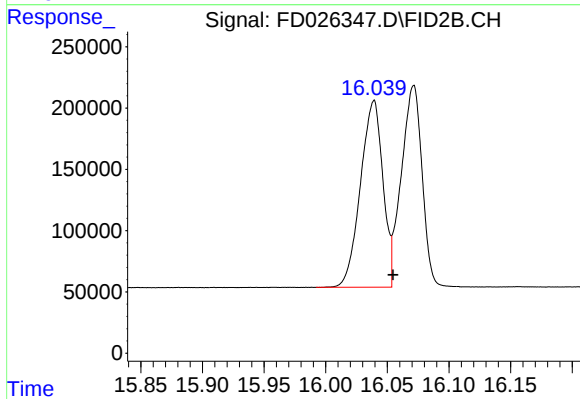
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.492 min
Delta R.T.: -0.016 min
Response: 1879084
Conc: 22.59 ug/ml



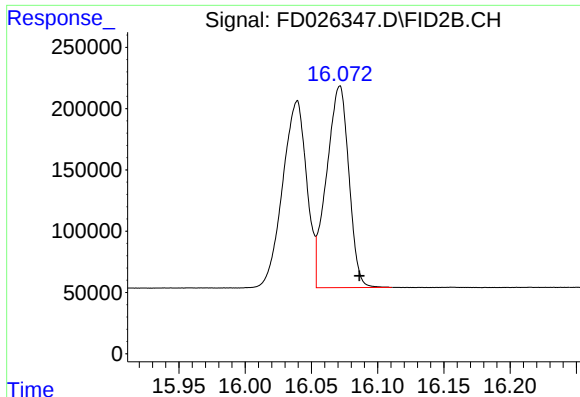
#15 Chrysene (C27.41)

R.T.: 14.533 min
Delta R.T.: -0.017 min
Response: 1896198
Conc: 22.57 ug/ml



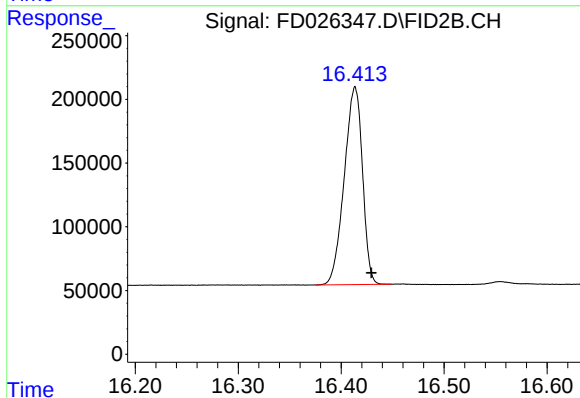
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.039 min
Delta R.T.: -0.015 min
Response: 1928965
Conc: 21.56 ug/ml



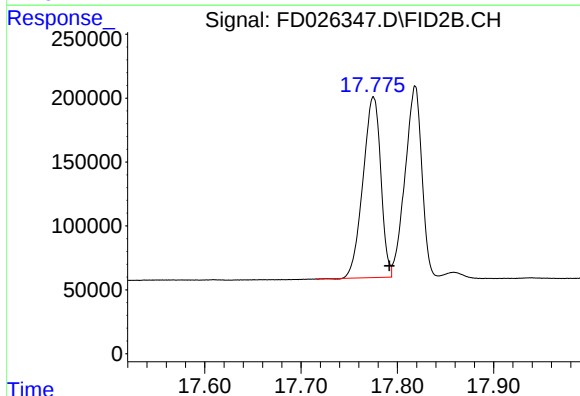
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.071 min
Delta R.T.: -0.015 min
Response: 1928758
Conc: 21.64 ug/ml



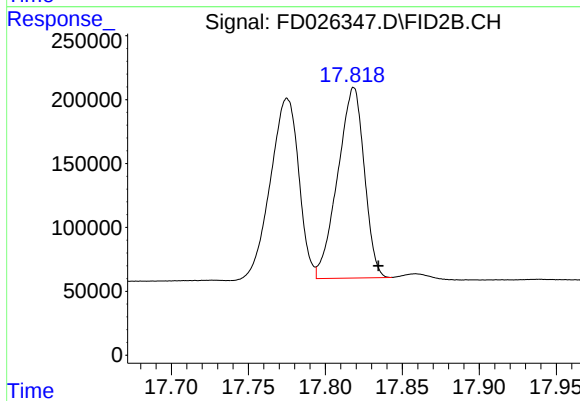
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.414 min
Delta R.T.: -0.016 min
Response: 1908602
Conc: 21.17 ug/ml



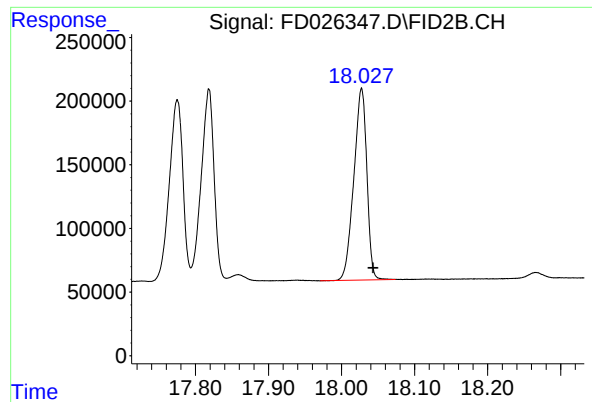
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.775 min
Delta R.T.: -0.016 min
Response: 1816226
Conc: 19.38 ug/ml



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

R.T.: 17.818 min
Delta R.T.: -0.016 min
Response: 1793626
Conc: 19.79 ug/ml



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

R.T.: 18.027 min
Delta R.T.: -0.016 min
Response: 1862420
Conc: 19.35 ug/ml