

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012519AR\
 Data File : FD027469.D
 Signal(s) : FID2B.CH
 Acq On : 27 Jan 2019 00:56
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 04:34:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:22:50 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...	7.350	1998634	21.157 ug/ml
Spiked Amount 50.000		Recovery =	42.31%
6) S 2-Fluorobiphenyl (SURR)	8.199	1402772	21.997 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.99%
11) S ortho-Terphenyl (SURR)	11.239	2491458	23.374 ug/ml
Spiked Amount 50.000		Recovery =	46.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.158	2158076	21.286 ug/ml
2) T Naphthalene (C11.7)	5.687	2275036	21.016 ug/ml
3) T 2-Methylnaphthalene (...)	6.737	2264105	21.192 ug/ml
5) T Acenaphthylene (C15.06)	8.003	2263509	22.007 ug/ml
7) T Acenaphthene (C15.5)	8.298	2370286	22.002 ug/ml
8) T Fluorene (C16.55)	9.076	2386449	22.414 ug/ml
9) T Phenanthrene (C19.36)	10.464	2498983	23.687 ug/ml
10) T Anthracene (C19.43)	10.538	2451037	23.484 ug/ml
12) T Fluoranthene (C21.85)	12.266	2615576	25.115 ug/ml
13) T Pyrene (C20.8)	12.559	2617667	25.351 ug/ml
14) T Benzo[a]anthracene (C...	14.427	2593720	26.446 ug/ml
15) T Chrysene (C27.41)	14.468	2620651	26.655 ug/ml
16) T benzo[b]fluoranthene ...	16.005	2707492	26.784 ug/ml
17) T Bnezo[k]fluoranthene ...	16.005	2707492	26.787 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.347	2612850	25.838 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	2514190	24.091 ug/ml
20) T Dibenz[a,h]anthracene...	17.749	2533379	24.731 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.959	2360111	22.386 ug/ml

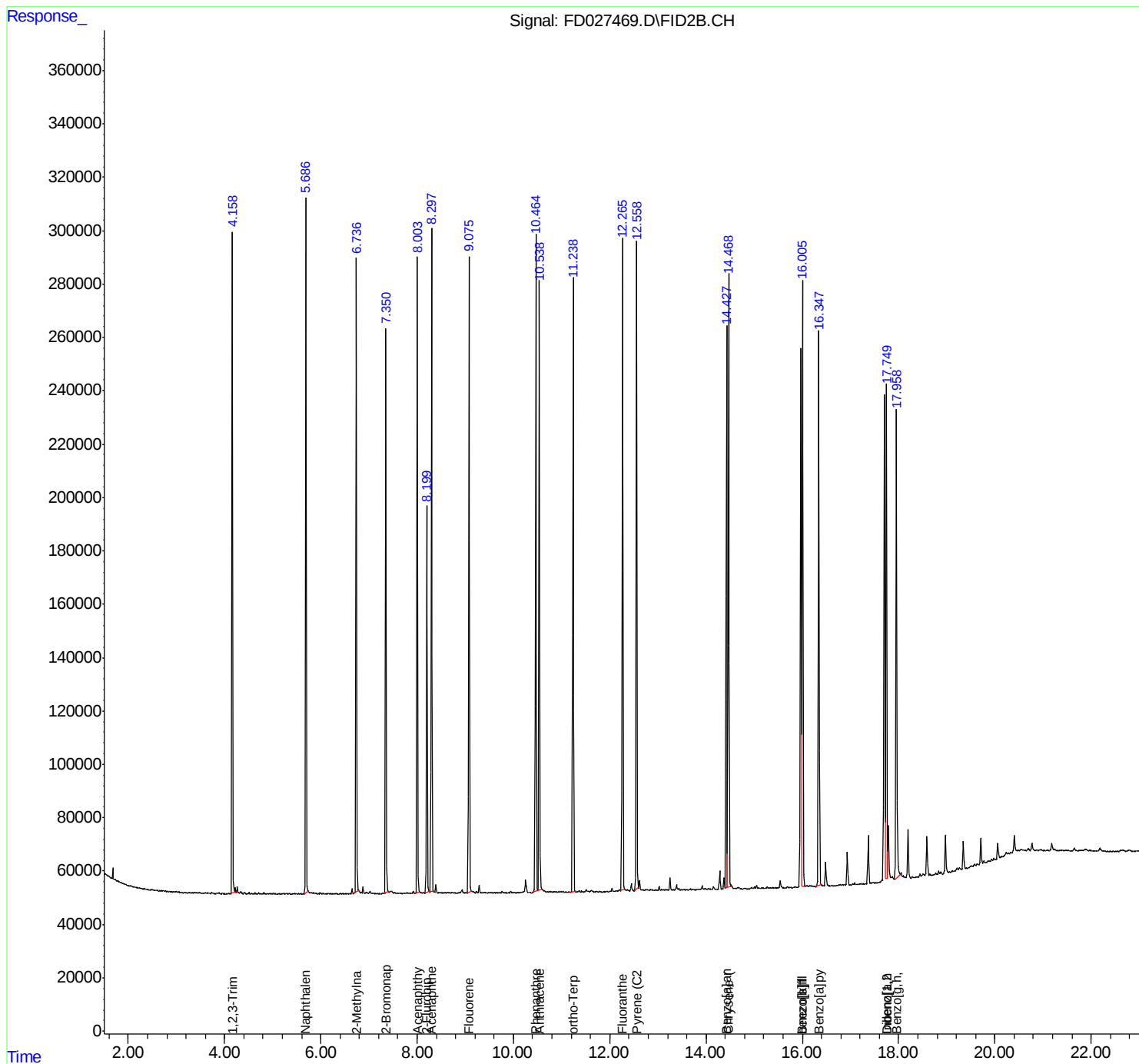
(f)=RT Delta > 1/2 Window

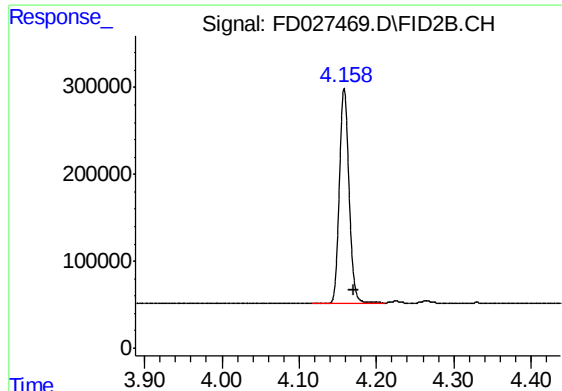
(m)=manual int.

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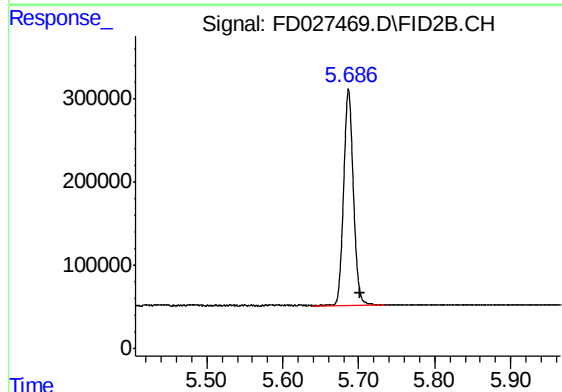
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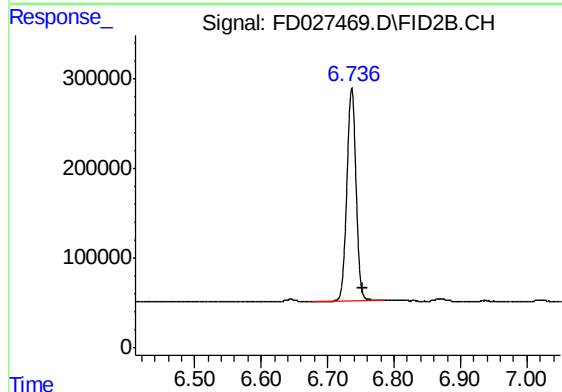
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.158 min
Delta R.T.: -0.013 min
Response: 2158076
Conc: 21.29 ug/ml



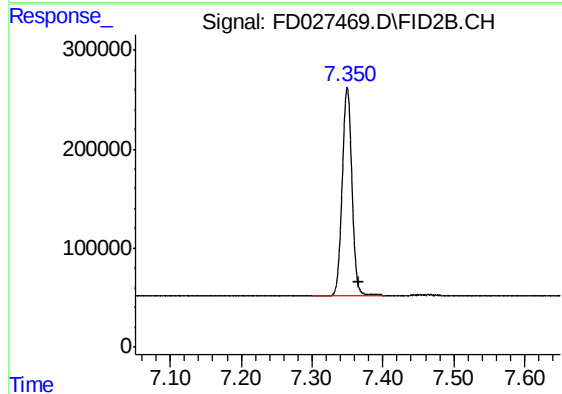
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.015 min
Response: 2275036
Conc: 21.02 ug/ml



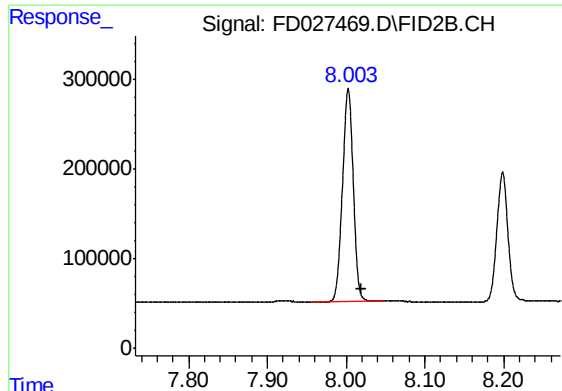
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.737 min
Delta R.T.: -0.016 min
Response: 2264105
Conc: 21.19 ug/ml



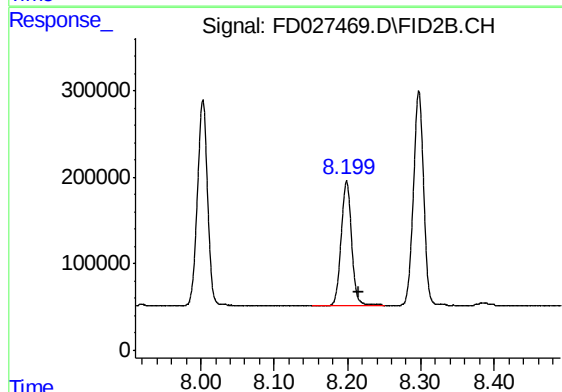
#4 2-Bromonaphthalene (SURR)

R.T.: 7.350 min
Delta R.T.: -0.015 min
Response: 1998634
Conc: 21.16 ug/ml



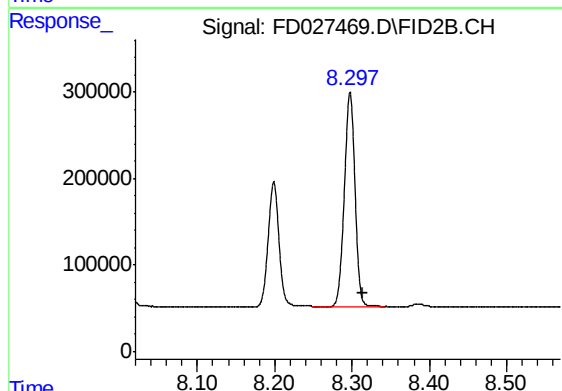
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.016 min
Response: 2263509
Conc: 22.01 ug/ml



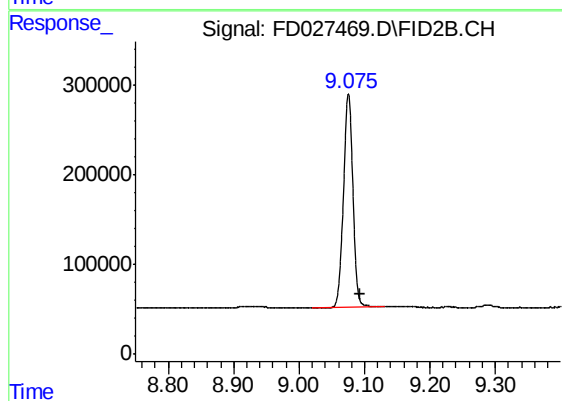
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.016 min
Response: 1402772
Conc: 22.00 ug/ml



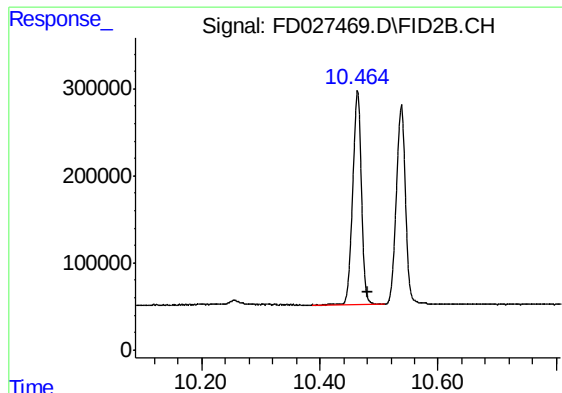
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.017 min
Response: 2370286
Conc: 22.00 ug/ml



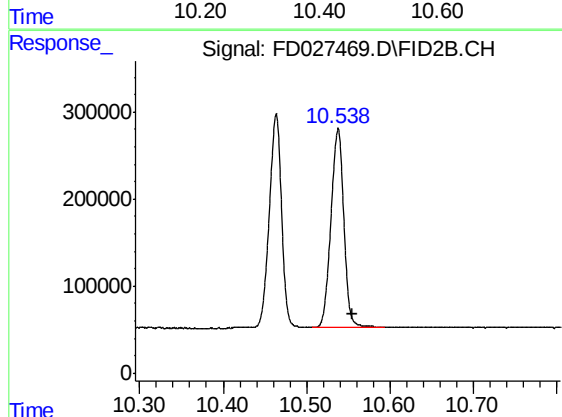
#8 Fluorene (C16.55)

R.T.: 9.076 min
Delta R.T.: -0.017 min
Response: 2386449
Conc: 22.41 ug/ml



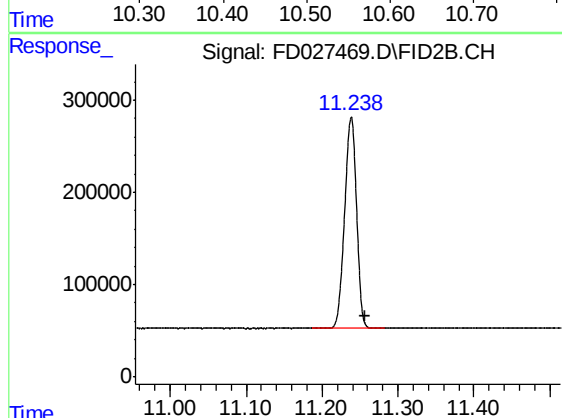
#9 Phenanthrene (C19.36)

R.T.: 10.464 min
Delta R.T.: -0.017 min
Response: 2498983
Conc: 23.69 ug/ml



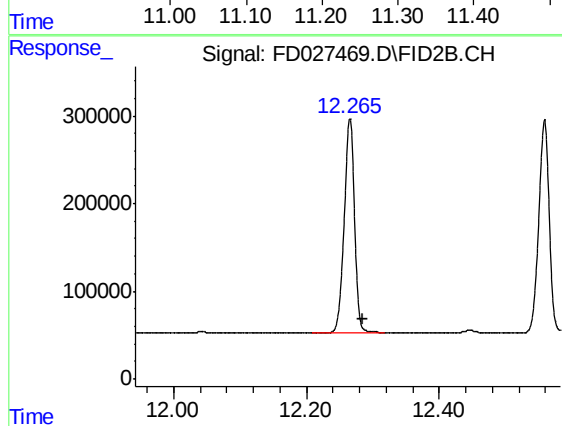
#10 Anthracene (C19.43)

R.T.: 10.538 min
Delta R.T.: -0.017 min
Response: 2451037
Conc: 23.48 ug/ml



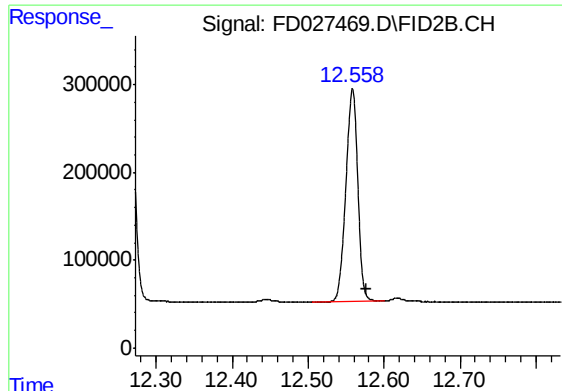
#11 ortho-Terphenyl (SURR)

R.T.: 11.239 min
Delta R.T.: -0.019 min
Response: 2491458
Conc: 23.37 ug/ml



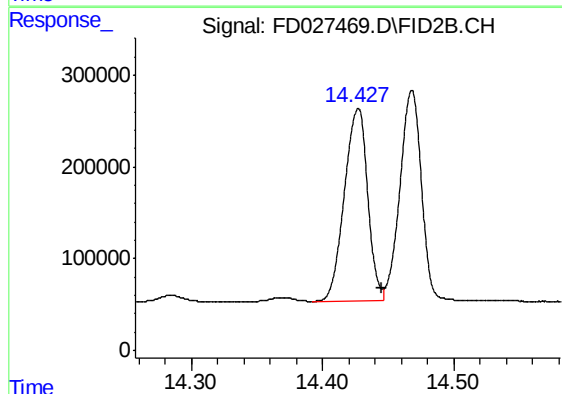
#12 Fluoranthene (C21.85)

R.T.: 12.266 min
Delta R.T.: -0.019 min
Response: 2615576
Conc: 25.11 ug/ml



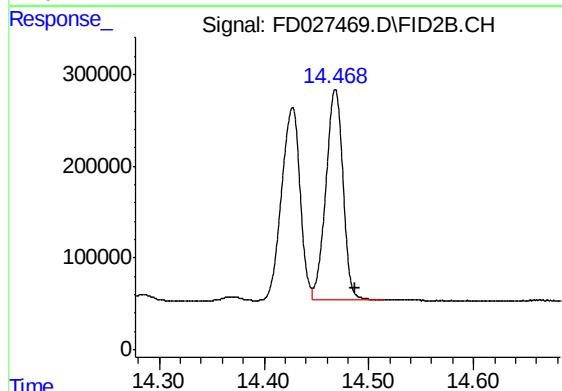
#13 Pyrene (C20.8)

R.T.: 12.559 min
Delta R.T.: -0.019 min
Response: 2617667
Conc: 25.35 ug/ml



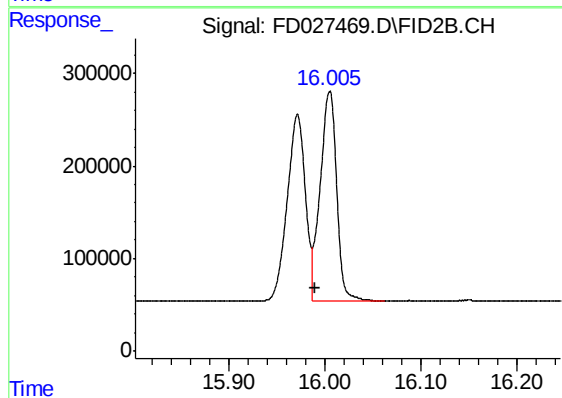
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: -0.018 min
Response: 2593720
Conc: 26.45 ug/ml



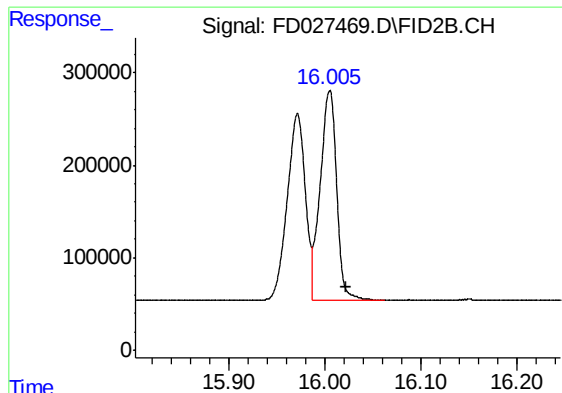
#15 Chrysene (C27.41)

R.T.: 14.468 min
Delta R.T.: -0.019 min
Response: 2620651
Conc: 26.65 ug/ml



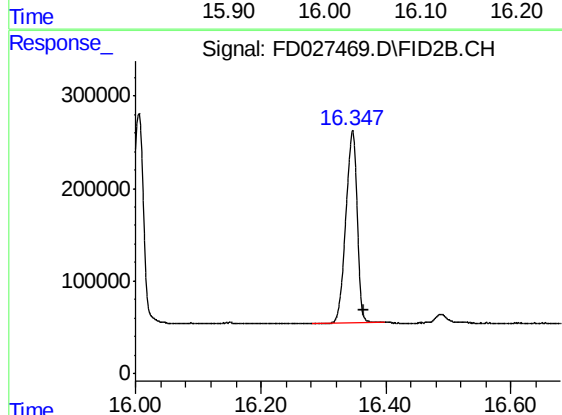
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.005 min
Delta R.T.: 0.015 min
Response: 2707492
Conc: 26.78 ug/ml



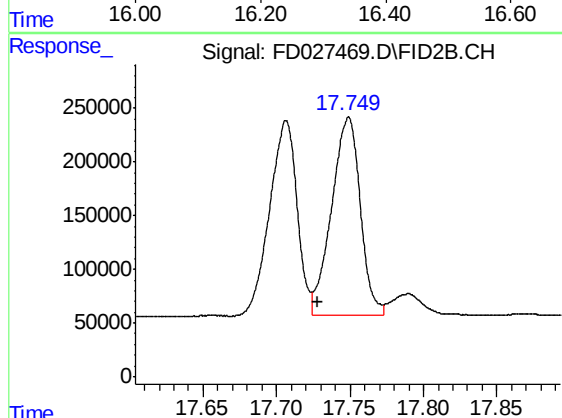
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.005 min
Delta R.T.: -0.017 min
Response: 2707492
Conc: 26.79 ug/ml



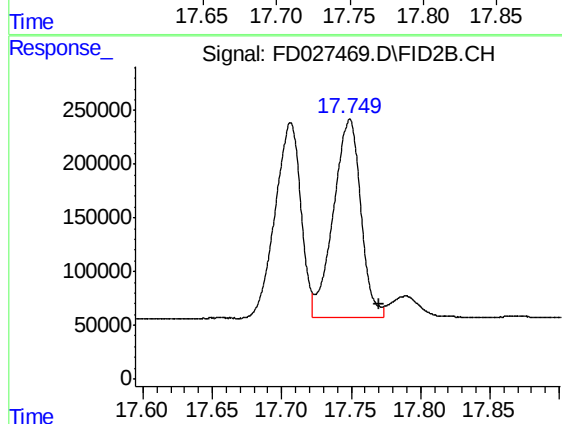
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.347 min
Delta R.T.: -0.019 min
Response: 2612850
Conc: 25.84 ug/ml



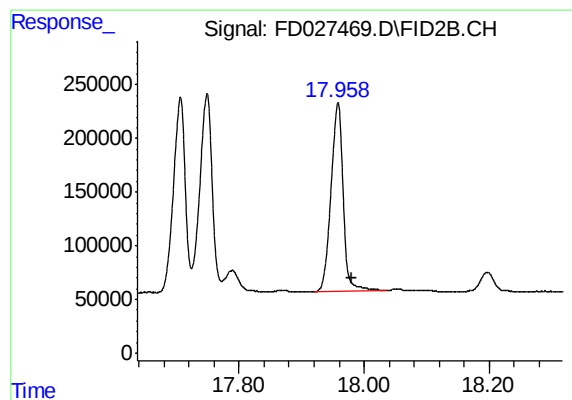
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: 0.021 min
Response: 2514190
Conc: 24.09 ug/ml



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

R.T.: 17.749 min
Delta R.T.: -0.022 min
Response: 2533379
Conc: 24.73 ug/ml m



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

R.T.: 17.959 min
Delta R.T.: -0.021 min
Response: 2360111
Conc: 22.39 ug/ml