

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012519AR\
 Data File : FD027459.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2019 18:13
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 04:31:26 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	1837450	19.451 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
6) S 2-Fluorobiphenyl (SURR)	8.199	1286210	20.169 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.34%
11) S ortho-Terphenyl (SURR)	11.238	2289366	21.478 ug/ml
Spiked Amount 50.000		Recovery =	42.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.159	1983984	19.569 ug/ml
2) T Naphthalene (C11.7)	5.687	2097625	19.377 ug/ml
3) T 2-Methylnaphthalene (...)	6.737	2088221	19.545 ug/ml
5) T Acenaphthylene (C15.06)	8.003	2085341	20.275 ug/ml
7) T Acenaphthene (C15.5)	8.298	2182100	20.255 ug/ml
8) T Fluorene (C16.55)	9.076	2191439	20.582 ug/ml
9) T Phenanthrene (C19.36)	10.463	2282638	21.637 ug/ml
10) T Anthracene (C19.43)	10.538	2233795	21.403 ug/ml
12) T Fluoranthene (C21.85)	12.267	2379748	22.850 ug/ml
13) T Pyrene (C20.8)	12.559	2380855	23.057 ug/ml
14) T Benzo[a]anthracene (C...	14.427	2348656	23.947 ug/ml
15) T Chrysene (C27.41)	14.469	2377473	24.181 ug/ml
16) T benzo[b]fluoranthene ...	16.003	2449579	24.233 ug/ml
17) T Bnezo[k]fluoranthene ...	16.003	2449579	24.236 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.346	2358388	23.322 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	2103598	20.157 ug/ml
20) T Dibenz[a,h]anthracene...	17.749	2103598	20.535 ug/ml
21) T Benzo[g,h,i]perylene ...	17.958	2143167	20.328 ug/ml

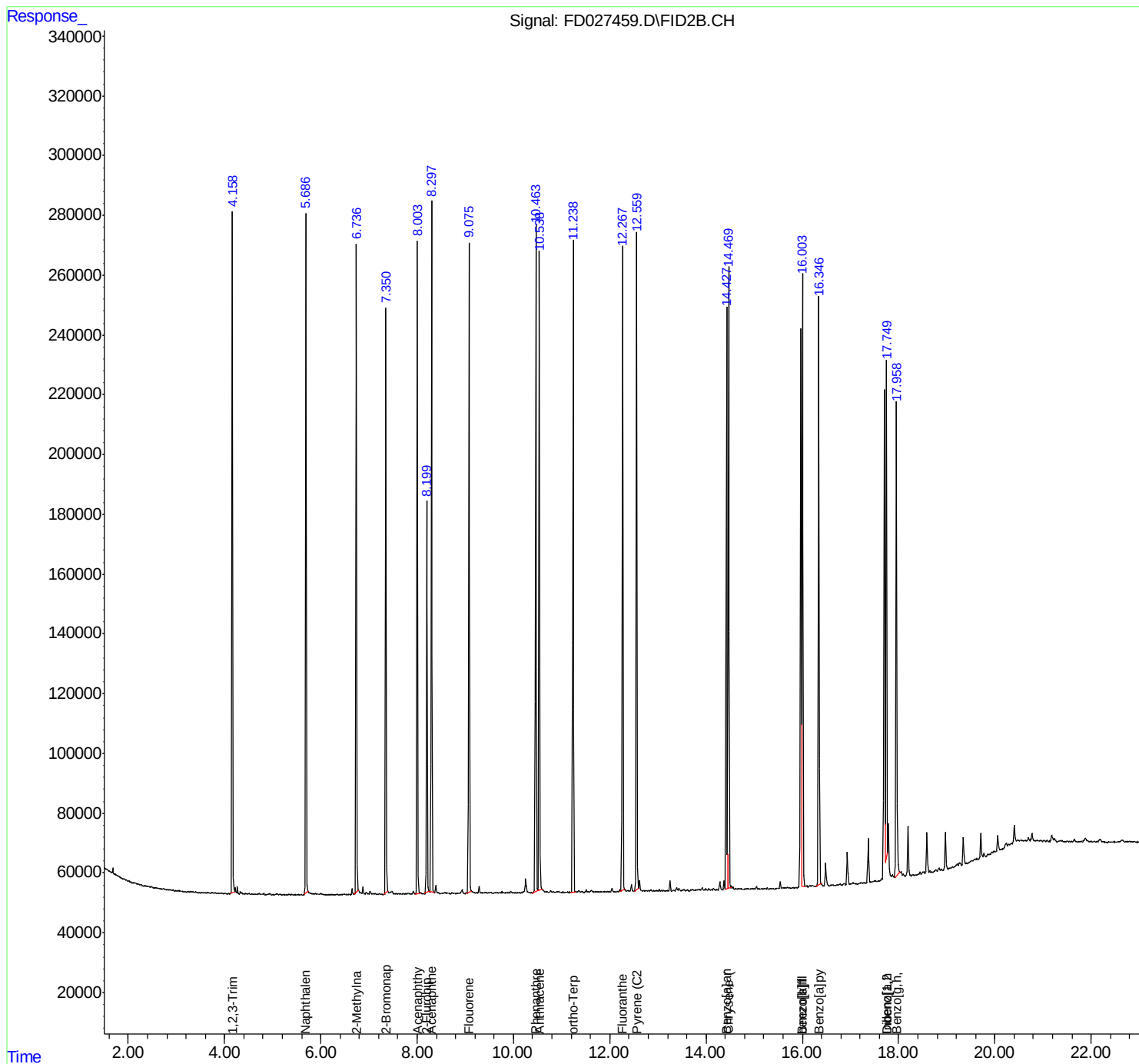
(f)=RT Delta > 1/2 Window

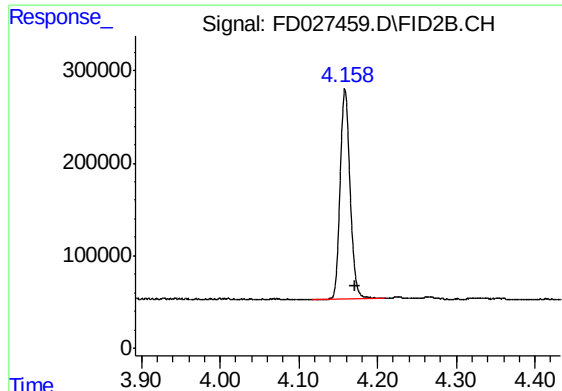
(m)=manual int.

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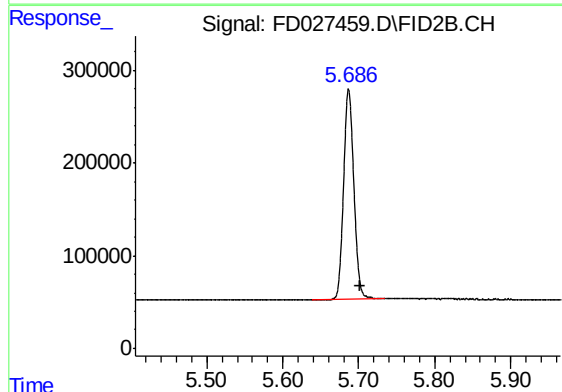
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





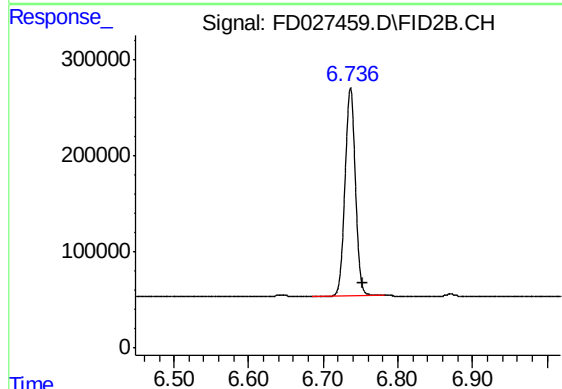
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.159 min
Delta R.T.: -0.012 min
Response: 1983984
Conc: 19.57 ug/ml



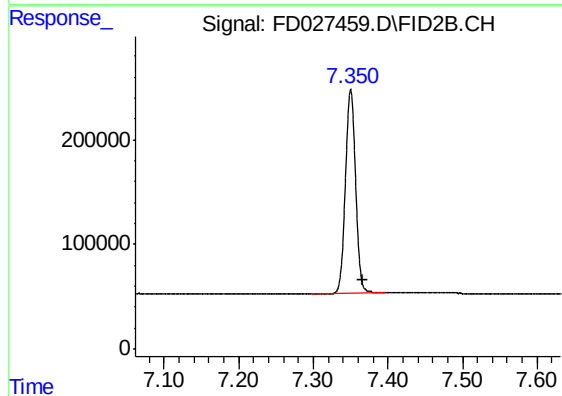
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.015 min
Response: 2097625
Conc: 19.38 ug/ml



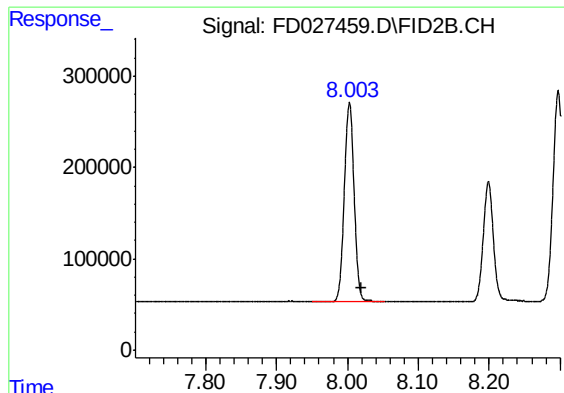
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.737 min
Delta R.T.: -0.016 min
Response: 2088221
Conc: 19.55 ug/ml



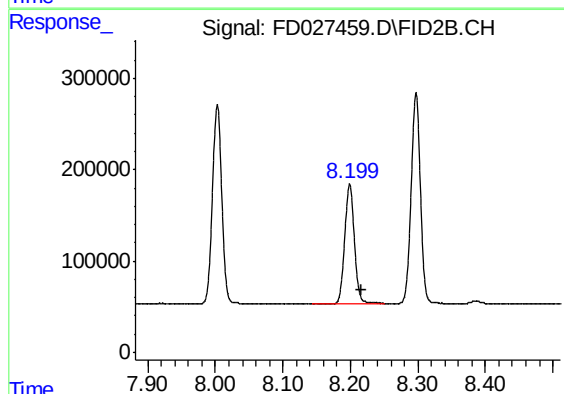
#4 2-Bromonaphthalene (SURR)

R.T.: 7.350 min
Delta R.T.: -0.015 min
Response: 1837450
Conc: 19.45 ug/ml



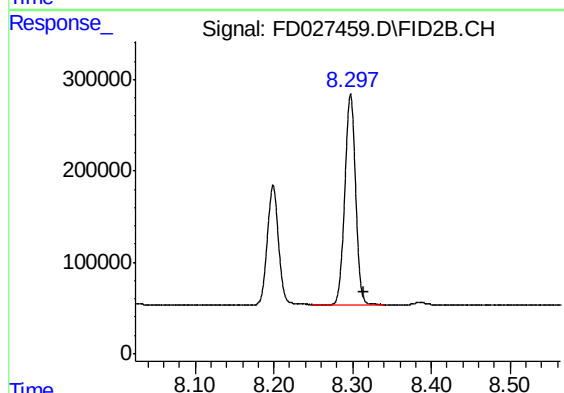
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.016 min
Response: 2085341
Conc: 20.27 ug/ml



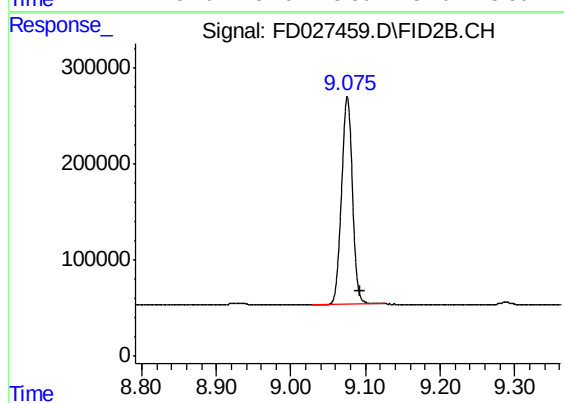
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.016 min
Response: 1286210
Conc: 20.17 ug/ml



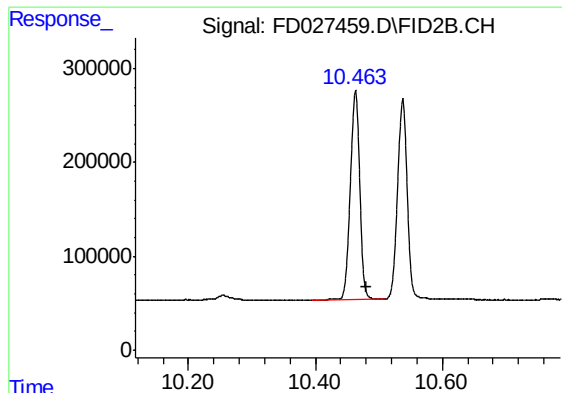
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.017 min
Response: 2182100
Conc: 20.26 ug/ml



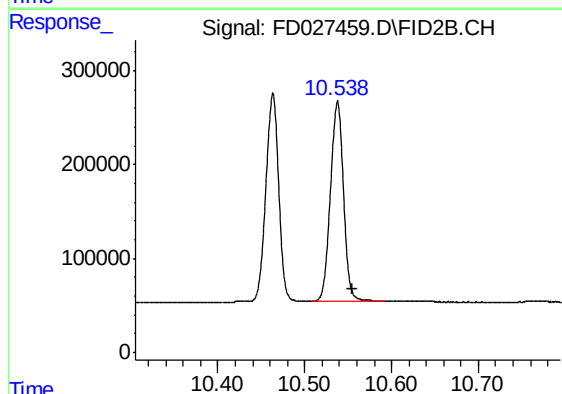
#8 Fluorene (C16.55)

R.T.: 9.076 min
Delta R.T.: -0.017 min
Response: 2191439
Conc: 20.58 ug/ml



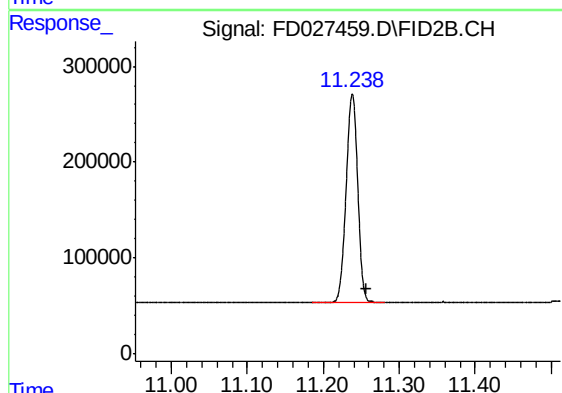
#9 Phenanthrene (C19.36)

R.T.: 10.463 min
Delta R.T.: -0.017 min
Response: 2282638
Conc: 21.64 ug/ml



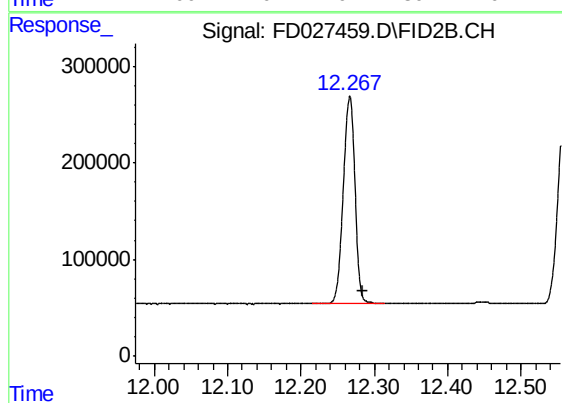
#10 Anthracene (C19.43)

R.T.: 10.538 min
Delta R.T.: -0.017 min
Response: 2233795
Conc: 21.40 ug/ml



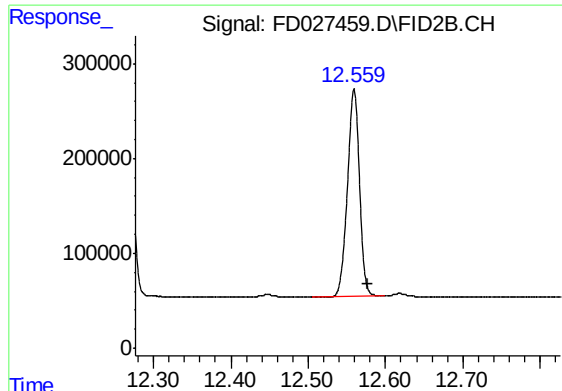
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min
Delta R.T.: -0.019 min
Response: 2289366
Conc: 21.48 ug/ml



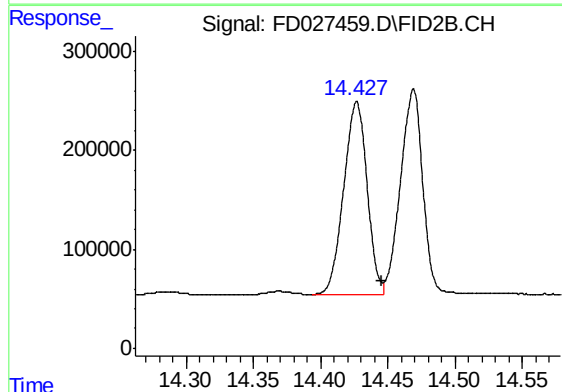
#12 Fluoranthene (C21.85)

R.T.: 12.267 min
Delta R.T.: -0.017 min
Response: 2379748
Conc: 22.85 ug/ml



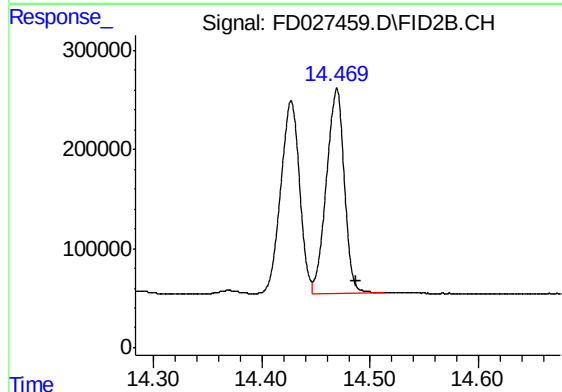
#13 Pyrene (C20.8)

R.T.: 12.559 min
Delta R.T.: -0.018 min
Response: 2380855
Conc: 23.06 ug/ml



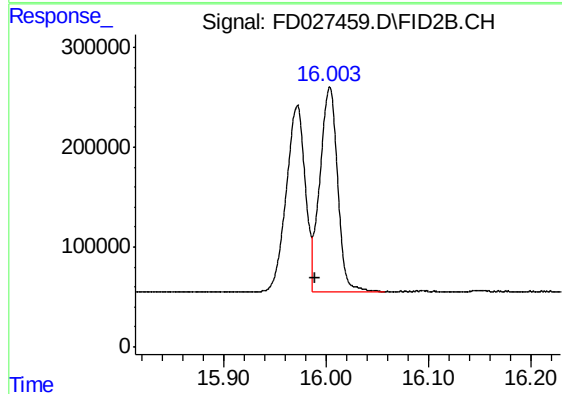
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: -0.018 min
Response: 2348656
Conc: 23.95 ug/ml



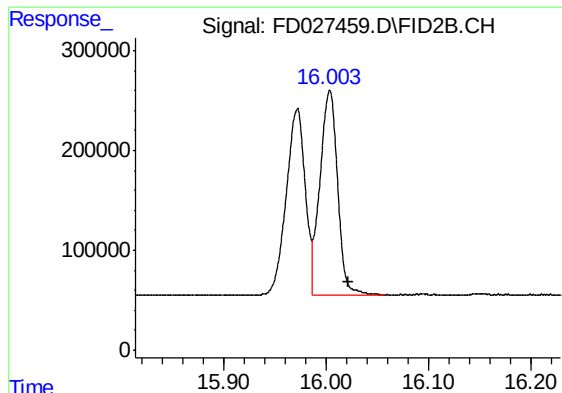
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: -0.018 min
Response: 2377473
Conc: 24.18 ug/ml



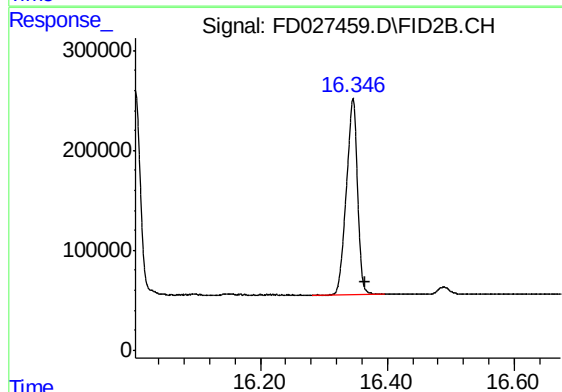
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.003 min
Delta R.T.: 0.014 min
Response: 2449579
Conc: 24.23 ug/ml



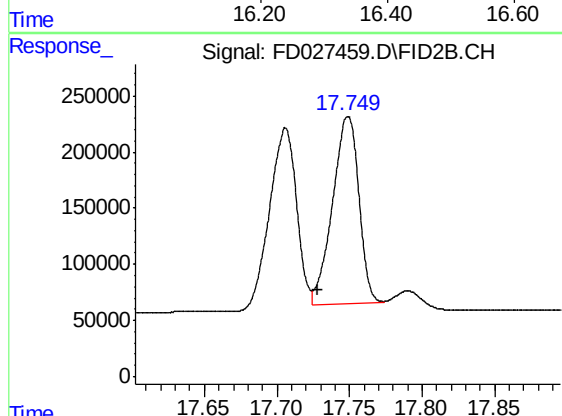
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.003 min
Delta R.T.: -0.018 min
Response: 2449579
Conc: 24.24 ug/ml



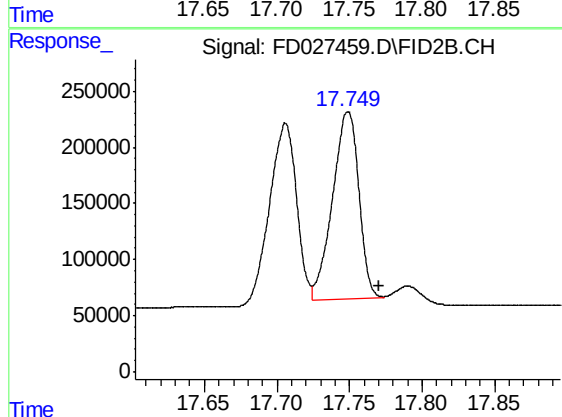
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.346 min
Delta R.T.: -0.019 min
Response: 2358388
Conc: 23.32 ug/ml



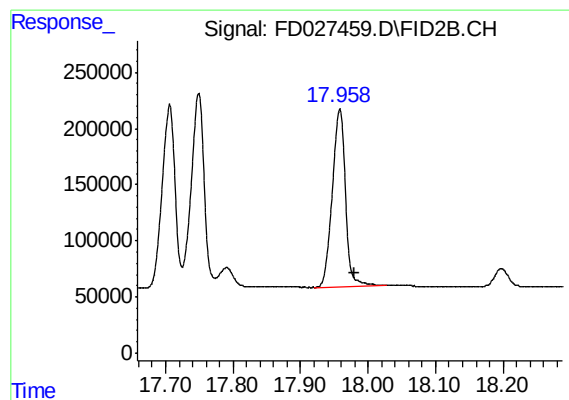
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: 0.021 min
Response: 2103598
Conc: 20.16 ug/ml



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

R.T.: 17.749 min
Delta R.T.: -0.022 min
Response: 2103598
Conc: 20.54 ug/ml



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

R.T.: 17.958 min
Delta R.T.: -0.022 min
Response: 2143167
Conc: 20.33 ug/ml