

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051920AR\
 Data File : FD033552.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2020 10:40
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 20 11:04:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 09:14:43 2020
 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...	7.579	2085970	20.060 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
6) S 2-Fluorobiphenyl (SURR)	8.441	1426577	20.640 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.28%
11) S ortho-Terphenyl (SURR)	11.470	2505738	19.111 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.389	2356437	20.669 ug/ml
2) T Naphthalene (C11.7)	5.923	2383076	20.670 ug/ml
3) T 2-Methylnaphthalene (...)	6.971	2407573	20.273 ug/ml
5) T Acenaphthylene (C15.06)	8.243	2416322	19.723 ug/ml
7) T Acenaphthene (C15.5)	8.537	2478482	19.190 ug/ml
8) T Fluorene (C16.55)	9.317	2373126	19.979 ug/ml
9) T Phenanthrene (C19.36)	10.710	2408122	19.632 ug/ml
10) T Anthracene (C19.43)	10.785	2377981	19.535 ug/ml
12) T Fluoranthene (C21.85)	12.519	2425508	19.240 ug/ml
13) T Pyrene (C20.8)	12.816	2362401	19.382 ug/ml
14) T Benzo[a]anthracene (C...	14.688	2267685	20.129 ug/ml
15) T Chrysene (C27.41)	14.729	2364984	18.194 ug/ml
16) T benzo[b]fluoranthene ...	16.240	2235676	19.580 ug/ml
17) T Bnezo[k]fluoranthene ...	16.271	2269489	18.235 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	2231570	19.032 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.988	2113871	20.707 ug/ml
20) T Dibenz[a,h]anthracene...	18.022	2261900	18.741 ug/ml
21) T Benzo[g,h,i]perylene ...	18.241	2203621	19.778 ug/ml

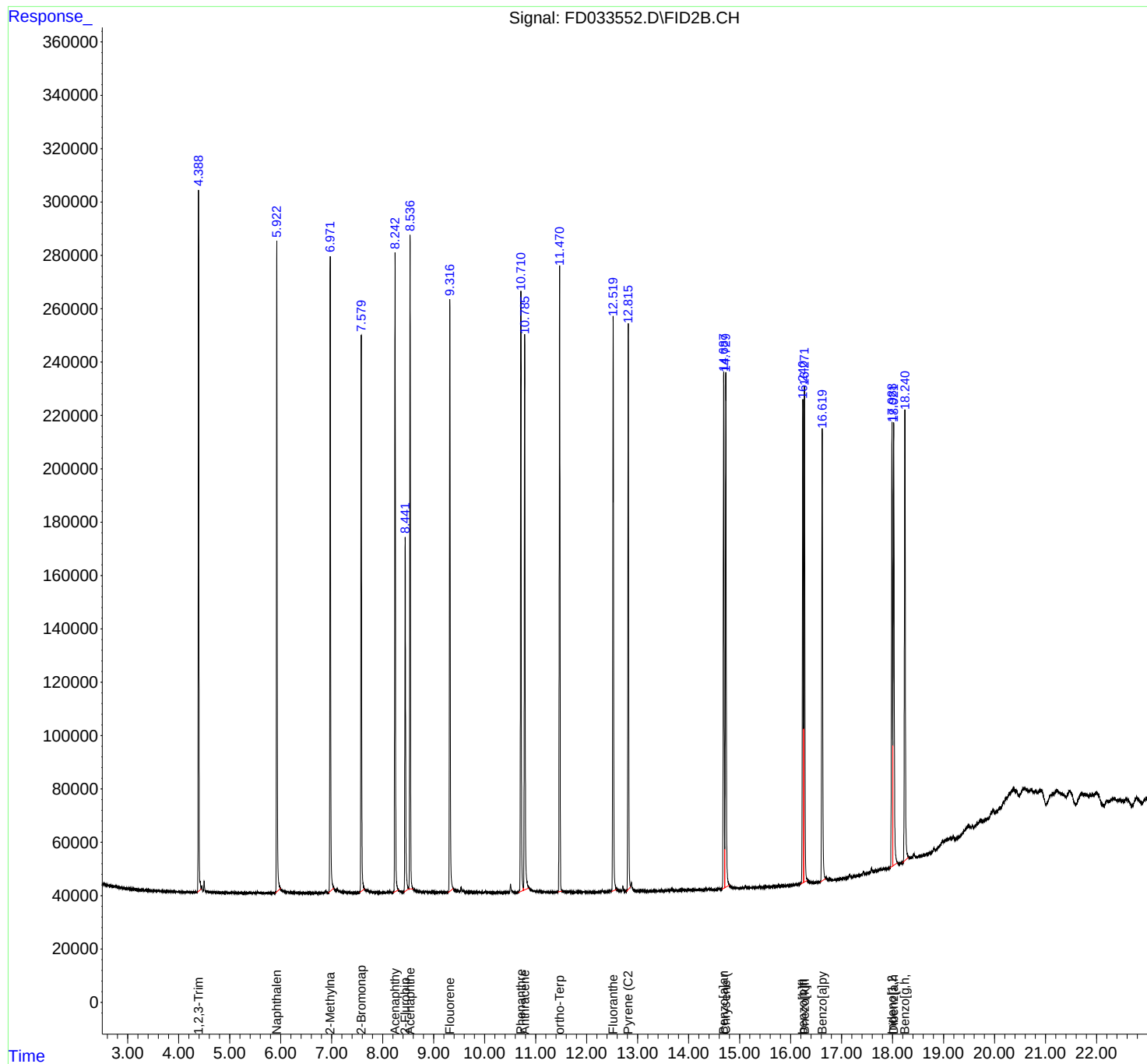
(f)=RT Delta > 1/2 Window

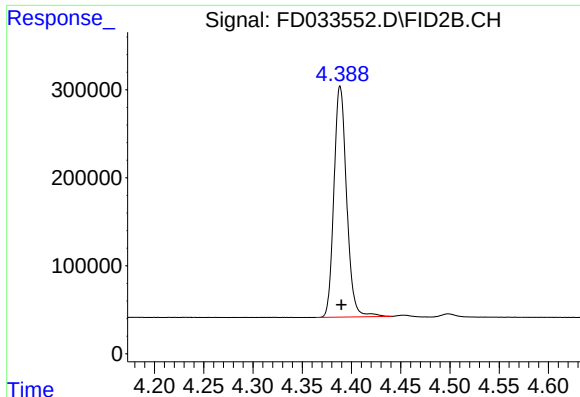
(m)=manual int.

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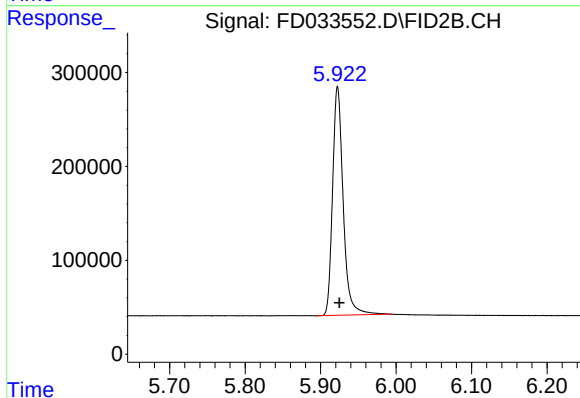
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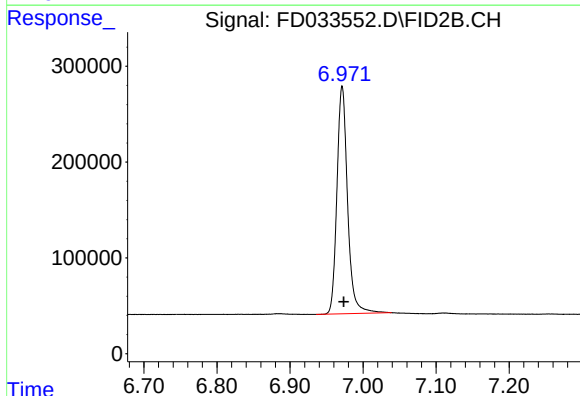
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.389 min
Delta R.T.: -0.001 min
Response: 2356437
Conc: 20.67 ug/ml



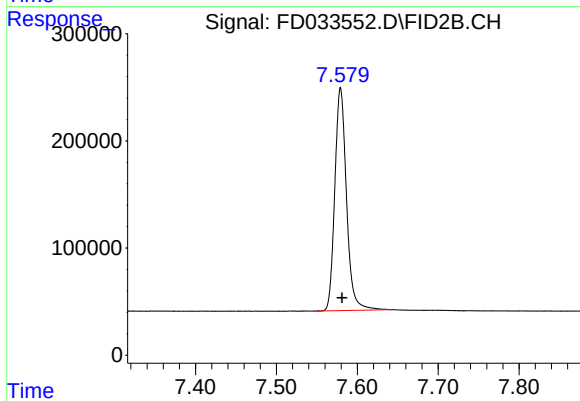
#2 Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 2383076
Conc: 20.67 ug/ml



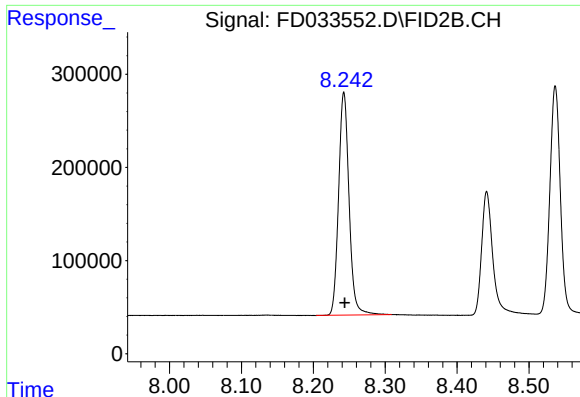
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: -0.002 min
Response: 2407573
Conc: 20.27 ug/ml



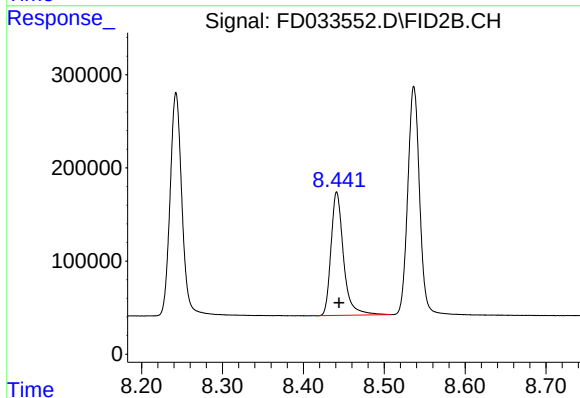
#4 2-Bromonaphthalene (SURR)

R.T.: 7.579 min
Delta R.T.: -0.002 min
Response: 2085970
Conc: 20.06 ug/ml



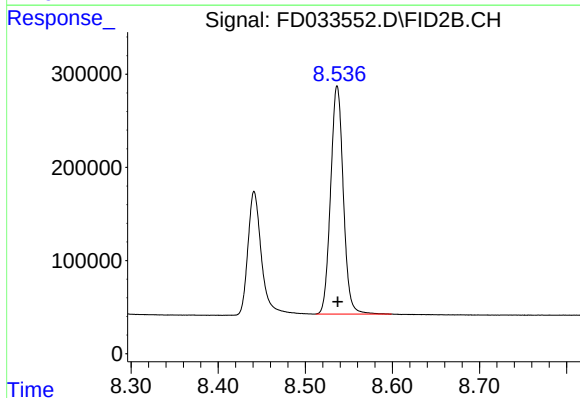
#5 Acenaphthylene (C15.06)

R.T.: 8.243 min
Delta R.T.: -0.001 min
Response: 2416322
Conc: 19.72 ug/ml



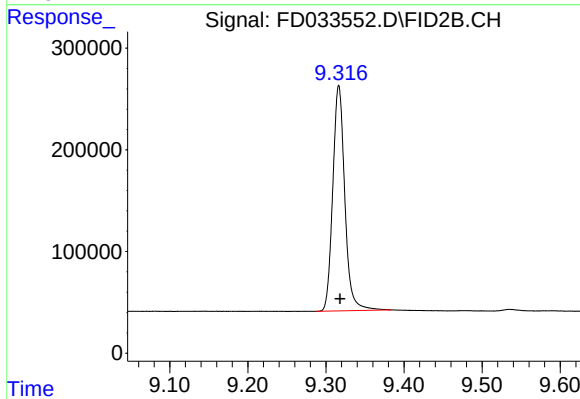
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.441 min
Delta R.T.: -0.003 min
Response: 1426577
Conc: 20.64 ug/ml



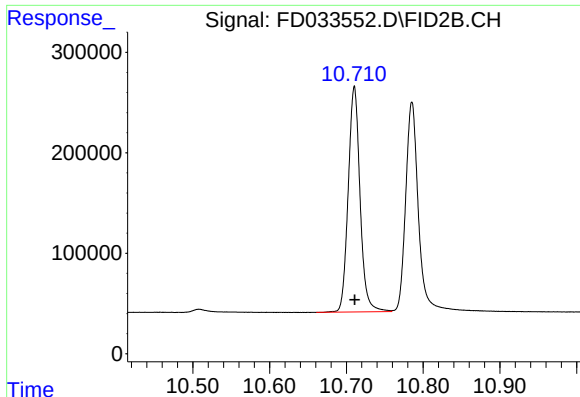
#7 Acenaphthene (C15.5)

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 2478482
Conc: 19.19 ug/ml



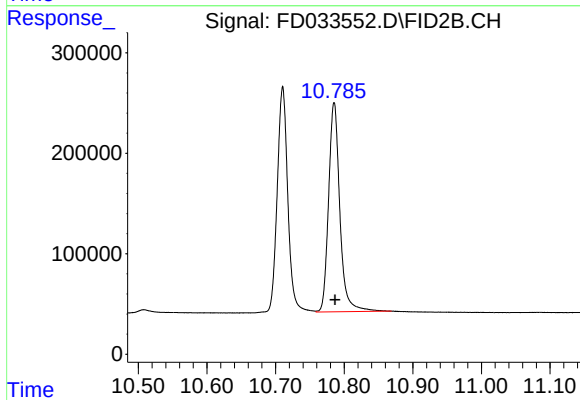
#8 Flouorene (C16.55)

R.T.: 9.317 min
Delta R.T.: -0.001 min
Response: 2373126
Conc: 19.98 ug/ml



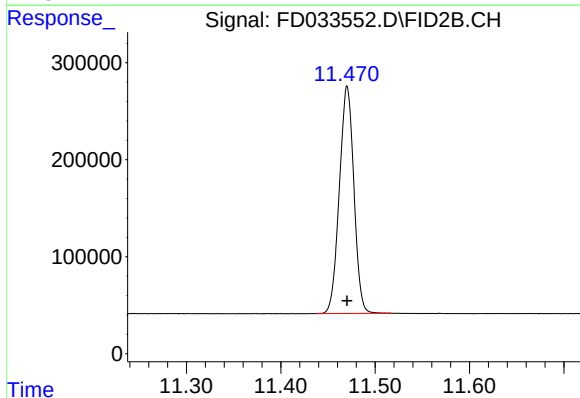
#9 Phenanthrene (C19.36)

R.T.: 10.710 min
Delta R.T.: 0.000 min
Response: 2408122
Conc: 19.63 ug/ml



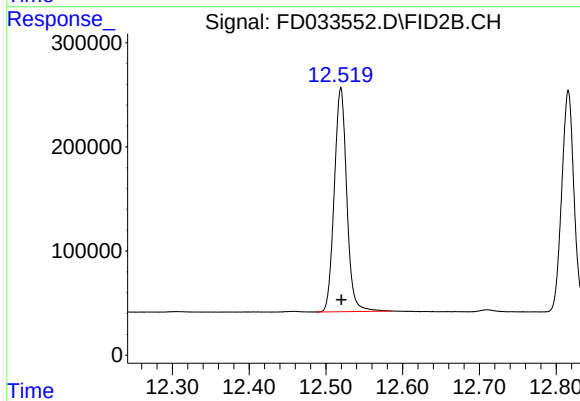
#10 Anthracene (C19.43)

R.T.: 10.785 min
Delta R.T.: -0.001 min
Response: 2377981
Conc: 19.54 ug/ml



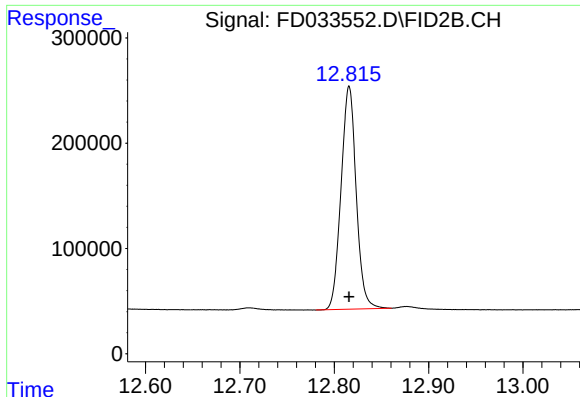
#11 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 2505738
Conc: 19.11 ug/ml



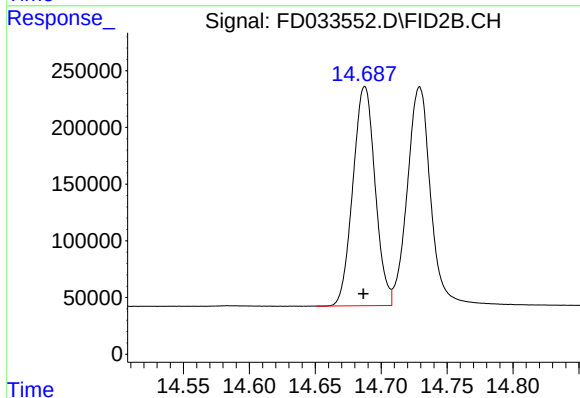
#12 Fluoranthene (C21.85)

R.T.: 12.519 min
Delta R.T.: 0.000 min
Response: 2425508
Conc: 19.24 ug/ml



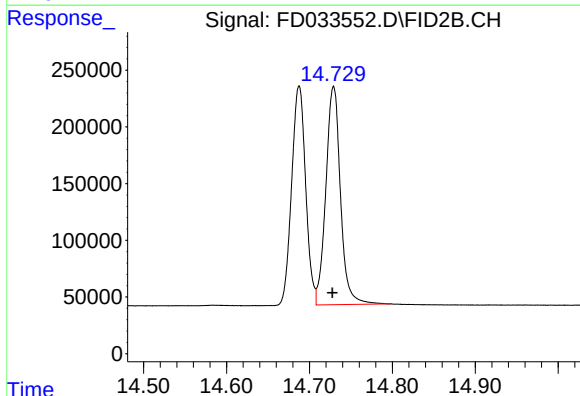
#13 Pyrene (C20.8)

R.T.: 12.816 min
Delta R.T.: 0.000 min
Response: 2362401
Conc: 19.38 ug/ml



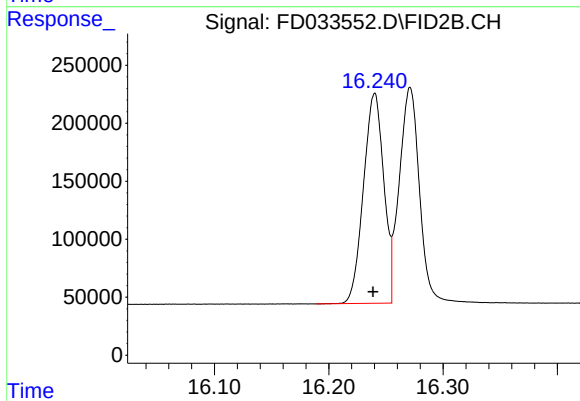
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.688 min
Delta R.T.: 0.001 min
Response: 2267685
Conc: 20.13 ug/ml



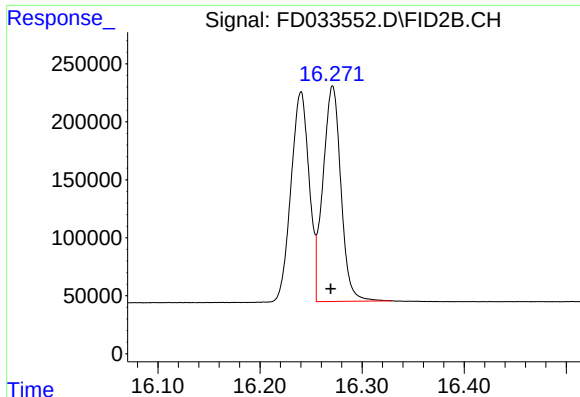
#15 Chrysene (C27.41)

R.T.: 14.729 min
Delta R.T.: 0.002 min
Response: 2364984
Conc: 18.19 ug/ml



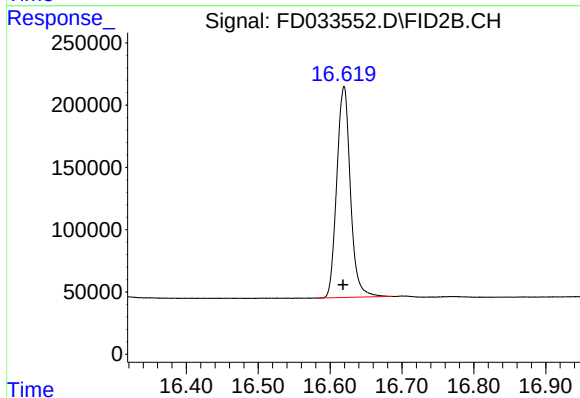
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.240 min
Delta R.T.: 0.001 min
Response: 2235676
Conc: 19.58 ug/ml



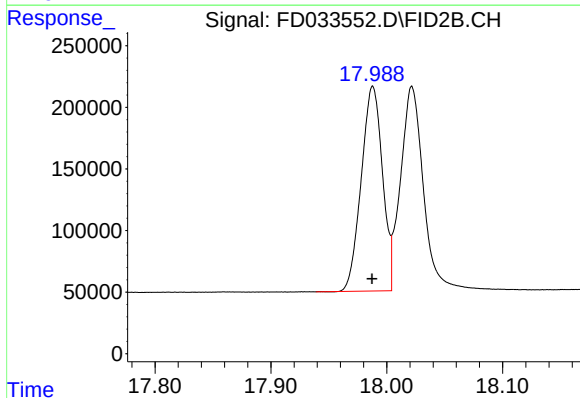
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.271 min
Delta R.T.: 0.002 min
Response: 2269489
Conc: 18.24 ug/ml



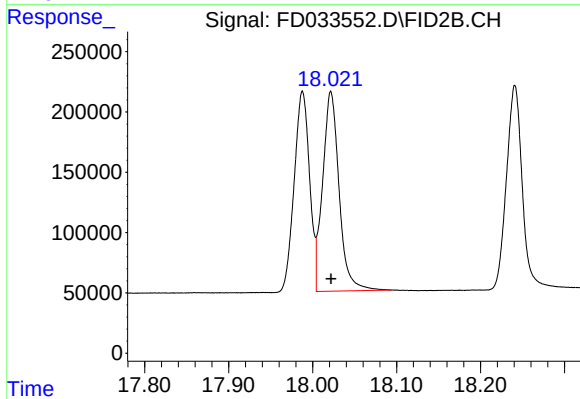
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.619 min
Delta R.T.: 0.002 min
Response: 2231570
Conc: 19.03 ug/ml



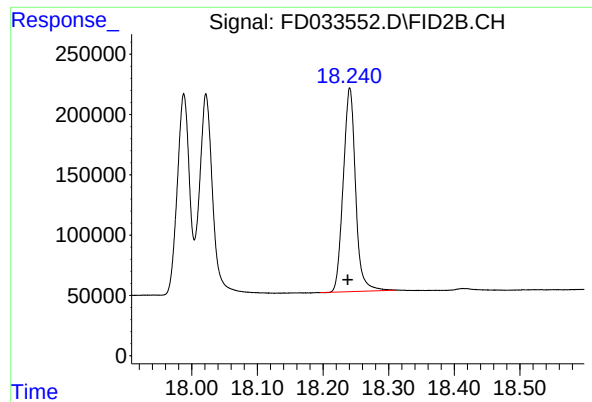
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.988 min
Delta R.T.: 0.000 min
Response: 2113871
Conc: 20.71 ug/ml



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

R.T.: 18.022 min
Delta R.T.: 0.000 min
Response: 2261900
Conc: 18.74 ug/ml



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

R.T.: 18.241 min
Delta R.T.: 0.003 min
Response: 2203621
Conc: 19.78 ug/ml