

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052022AR\
 Data File : FD042551.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2022 11:56
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 19 15:14:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052022.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 15:13:09 2022
 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...	7.329	2982171	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.183	1511123	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.201	3393075	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	3659285	20.000 ug/ml
2) T Naphthalene (C11.7)	5.674	3484143	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.719	3139307	20.000 ug/ml
5) T Acenaphthylene (C15.06)	7.979	3370868	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.270	3760113	20.000 ug/ml
8) T Flouorene (C16.55)	9.051	3155262	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.438	2796775	20.000 ug/ml
10) T Anthracene (C19.43)	10.515	3037647	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.241	2801646	20.000 ug/ml
13) T Pyrene (C20.8)	12.532	2878299	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.404	2236409	20.000 ug/ml
15) T Chrysene (C27.41)	14.445	3340877	20.000 ug/ml
16) T benzo[b]fluoranthene ...	15.953	2553576	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	15.983	3314297	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.336	2689537	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.703	1968682	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.738	3275239	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.951	2692121	20.000 ug/ml

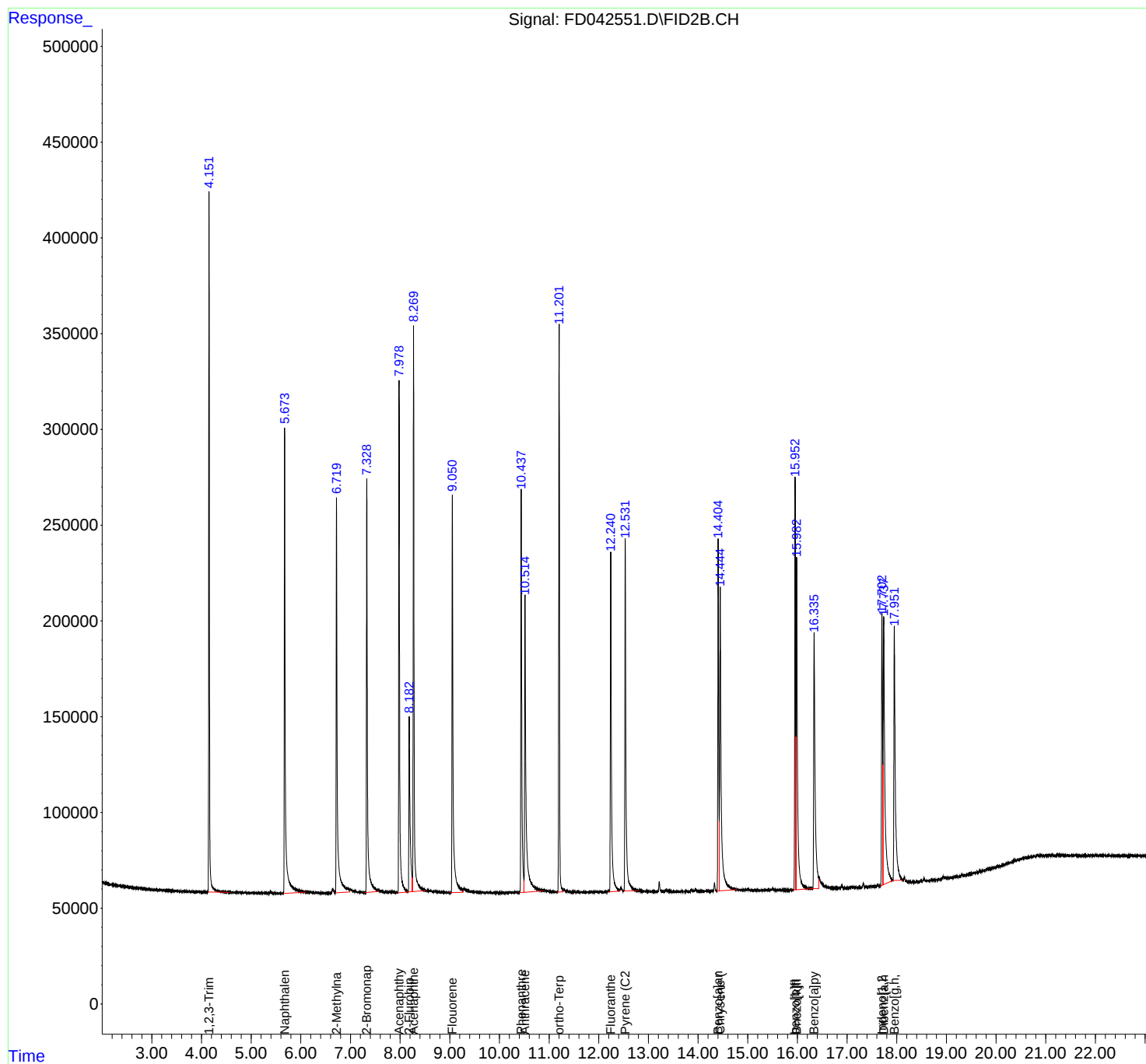
(f)=RT Delta > 1/2 Window

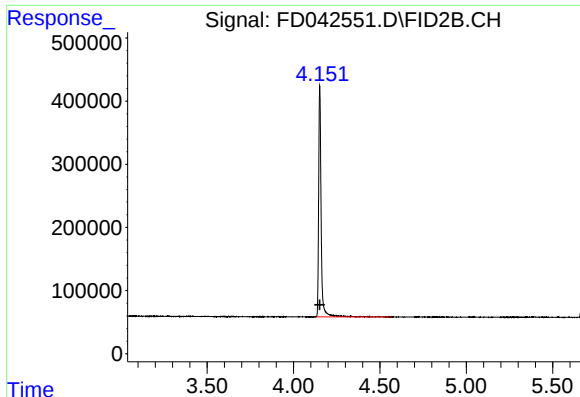
(m)=manual int.

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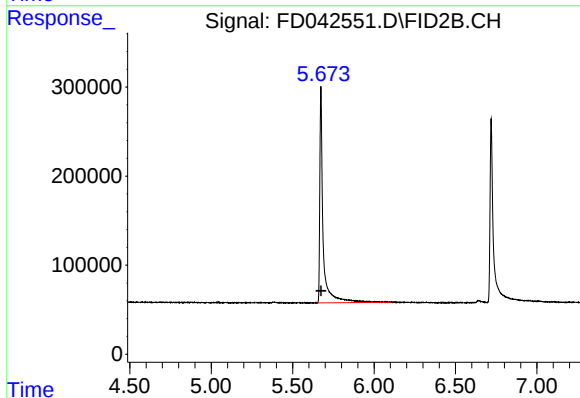
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Signal Info : 20M x 0.18mm x 0.18µm





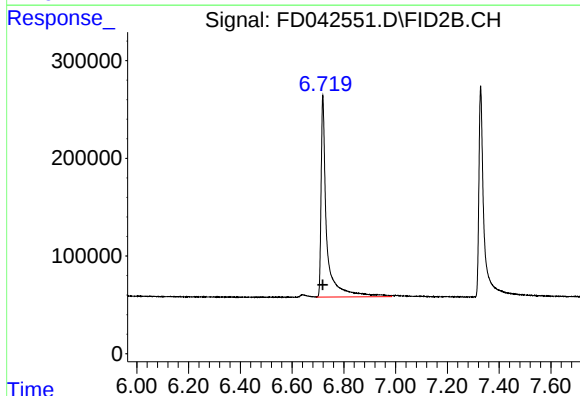
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 3659285
Conc: 20.00 ug/ml



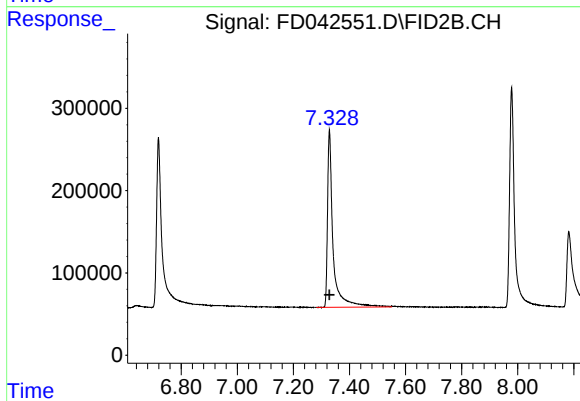
#2 Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 3484143
Conc: 20.00 ug/ml



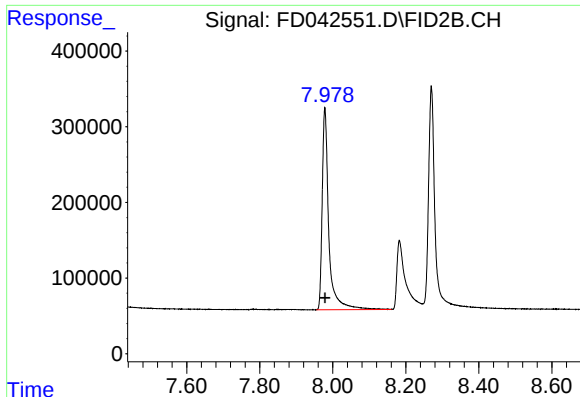
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 3139307
Conc: 20.00 ug/ml



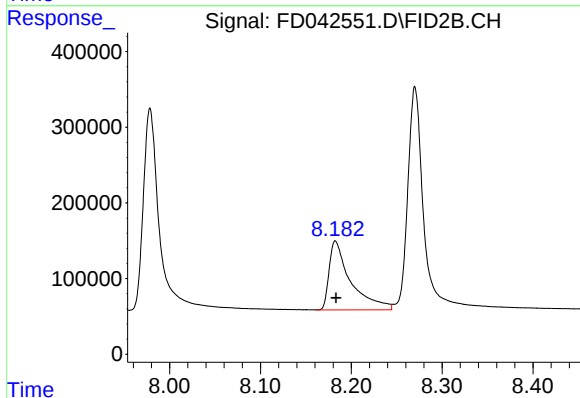
#4 2-Bromonaphthalene (SURR)

R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 2982171
Conc: 20.00 ug/ml



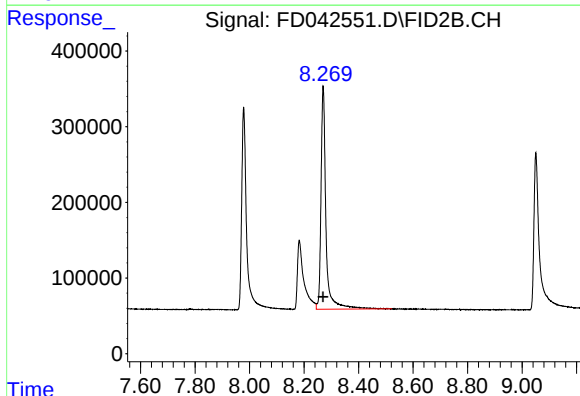
#5 Acenaphthylene (C15.06)

R.T.: 7.979 min
Delta R.T.: 0.000 min
Response: 3370868
Conc: 20.00 ug/ml



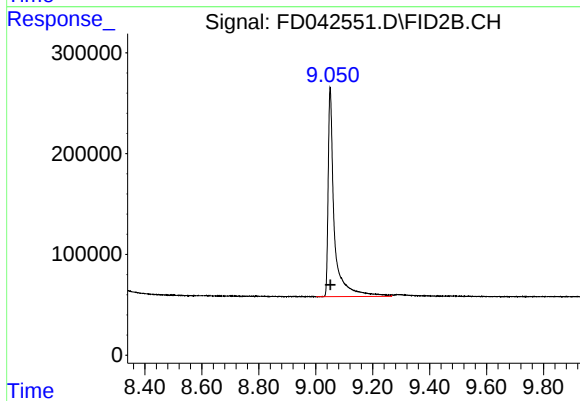
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 1511123
Conc: 20.00 ug/ml



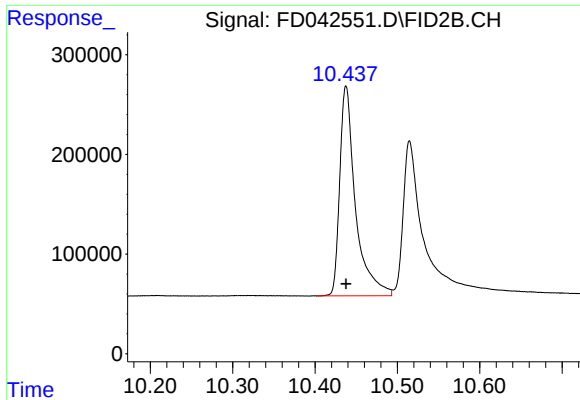
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 3760113
Conc: 20.00 ug/ml



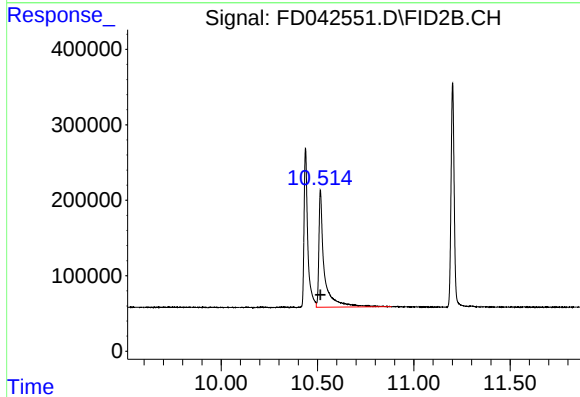
#8 Fluorene (C16.55)

R.T.: 9.051 min
Delta R.T.: 0.000 min
Response: 3155262
Conc: 20.00 ug/ml



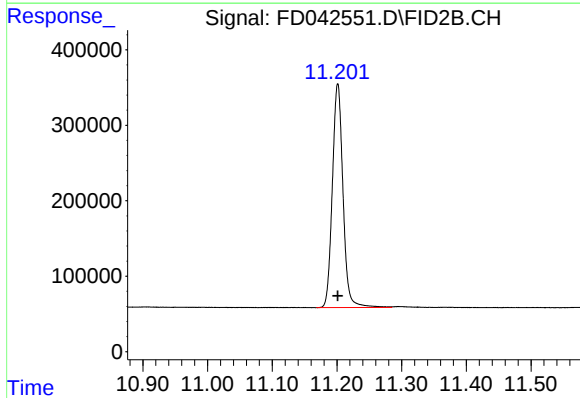
#9 Phenanthrene (C19.36)

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 2796775
Conc: 20.00 ug/ml



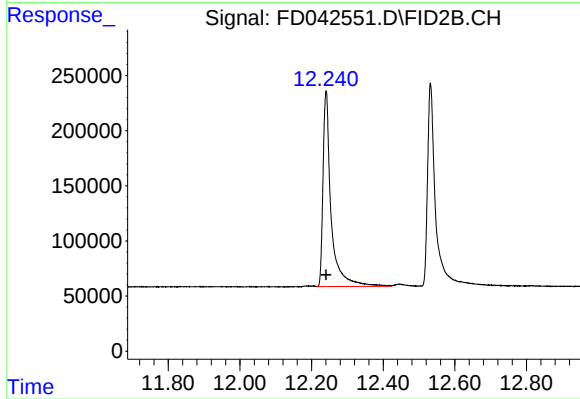
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: 0.000 min
Response: 3037647
Conc: 20.00 ug/ml



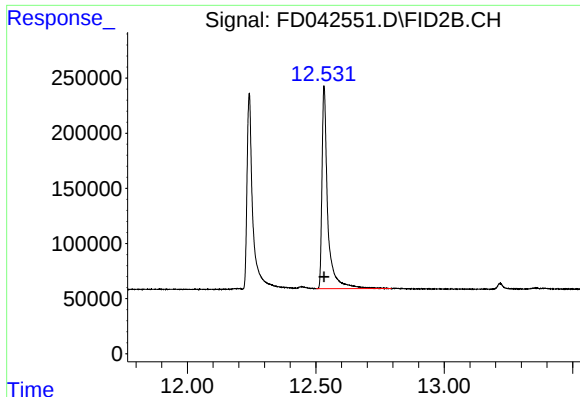
#11 ortho-Terphenyl (SURR)

R.T.: 11.201 min
Delta R.T.: 0.000 min
Response: 3393075
Conc: 20.00 ug/ml



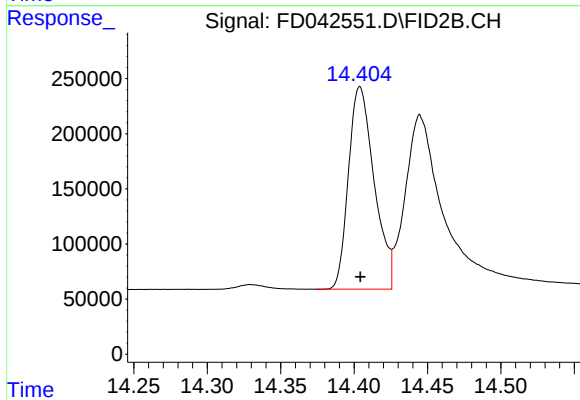
#12 Fluoranthene (C21.85)

R.T.: 12.241 min
Delta R.T.: 0.000 min
Response: 2801646
Conc: 20.00 ug/ml



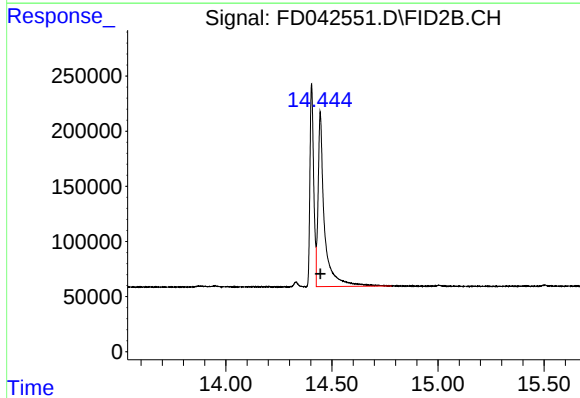
#13 Pyrene (C20.8)

R.T.: 12.532 min
Delta R.T.: 0.000 min
Response: 2878299
Conc: 20.00 ug/ml



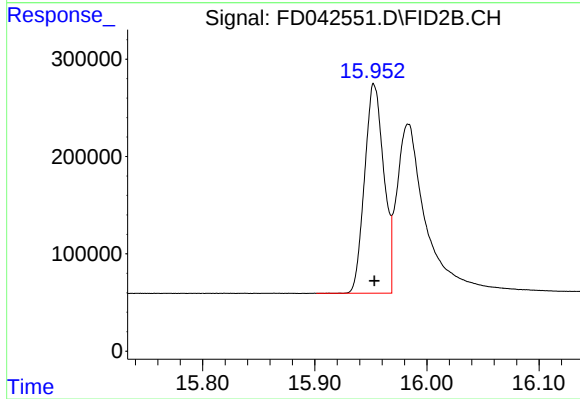
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.404 min
Delta R.T.: 0.000 min
Response: 2236409
Conc: 20.00 ug/ml



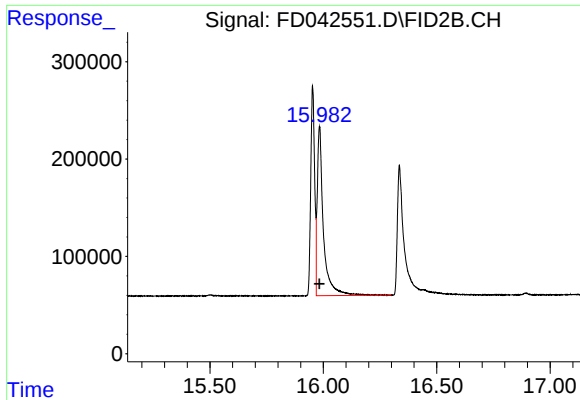
#15 Chrysene (C27.41)

R.T.: 14.445 min
Delta R.T.: 0.000 min
Response: 3340877
Conc: 20.00 ug/ml



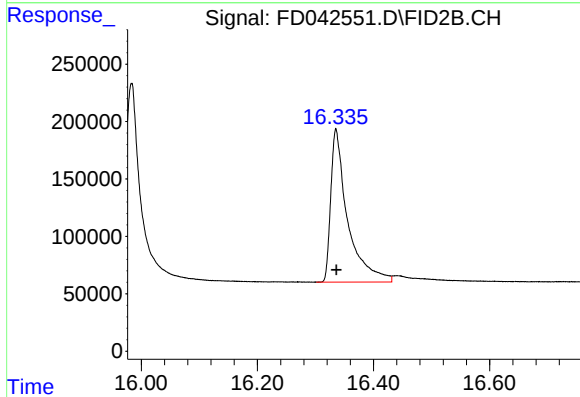
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.953 min
Delta R.T.: 0.000 min
Response: 2553576
Conc: 20.00 ug/ml



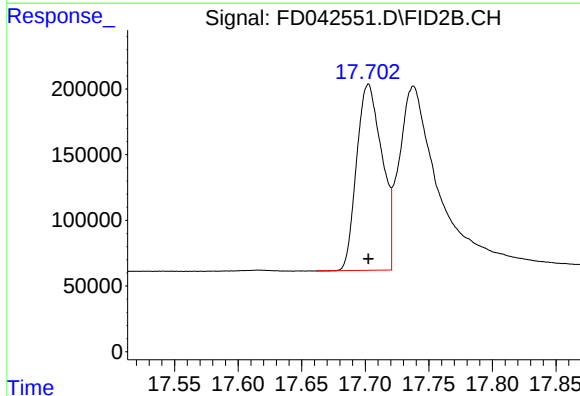
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.983 min
Delta R.T.: 0.000 min
Response: 3314297
Conc: 20.00 ug/ml



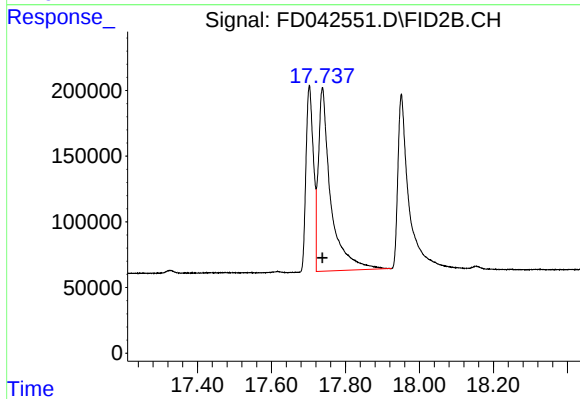
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.336 min
Delta R.T.: 0.000 min
Response: 2689537
Conc: 20.00 ug/ml



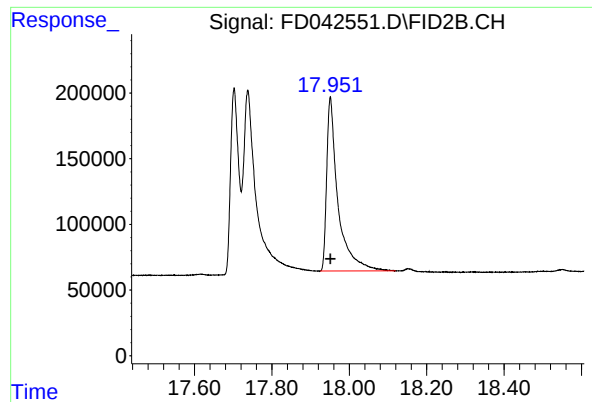
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.703 min
Delta R.T.: 0.000 min
Response: 1968682
Conc: 20.00 ug/ml



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

R.T.: 17.738 min
Delta R.T.: 0.000 min
Response: 3275239
Conc: 20.00 ug/ml



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

R.T.: 17.951 min
Delta R.T.: 0.000 min
Response: 2692121
Conc: 20.00 ug/ml