

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051922AR\
 Data File : FD042537.D
 Signal(s) : FID2B.CH
 Acq On : 18 May 2022 21:40
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 19 05:36:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 02:23:24 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...	7.330	2869398	20.804 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
6) S 2-Fluorobiphenyl (SURR)	8.184	1452615	21.454 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.91%
11) S ortho-Terphenyl (SURR)	11.202	3222711	19.978 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.153	3406654	20.171 ug/ml
2) T Naphthalene (C11.7)	5.674	3215971	20.835 ug/ml
3) T 2-Methylnaphthalene (...)	6.720	3006597	21.263 ug/ml
5) T Acenaphthylene (C15.06)	7.980	3208924	20.214 ug/ml
7) T Acenaphthene (C15.5)	8.271	3617416	19.966 ug/ml
8) T Fluorene (C16.55)	9.052	2983526	20.503 ug/ml
9) T Phenanthrene (C19.36)	10.438	2701026	20.444 ug/ml
10) T Anthracene (C19.43)	10.515	2911502	20.086 ug/ml
12) T Fluoranthene (C21.85)	12.240	2742048	20.323 ug/ml
13) T Pyrene (C20.8)	12.532	2827233	20.327 ug/ml
14) T Benzo[a]anthracene (C...	14.405	2186033	20.648 ug/ml
15) T Chrysene (C27.41)	14.446	3222663	20.005 ug/ml
16) T benzo[b]fluoranthene ...	15.954	2510559	20.372 ug/ml
17) T Bnezo[k]fluoranthene ...	15.985	3175656	19.941 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.337	2817210	20.452 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.739	3239630	32.375 ug/ml
20) T Dibenz[a,h]anthracene...	17.739	3239630	20.676 ug/ml
21) T Benzo[g,h,i]perylene ...	17.951	2667410	20.087 ug/ml

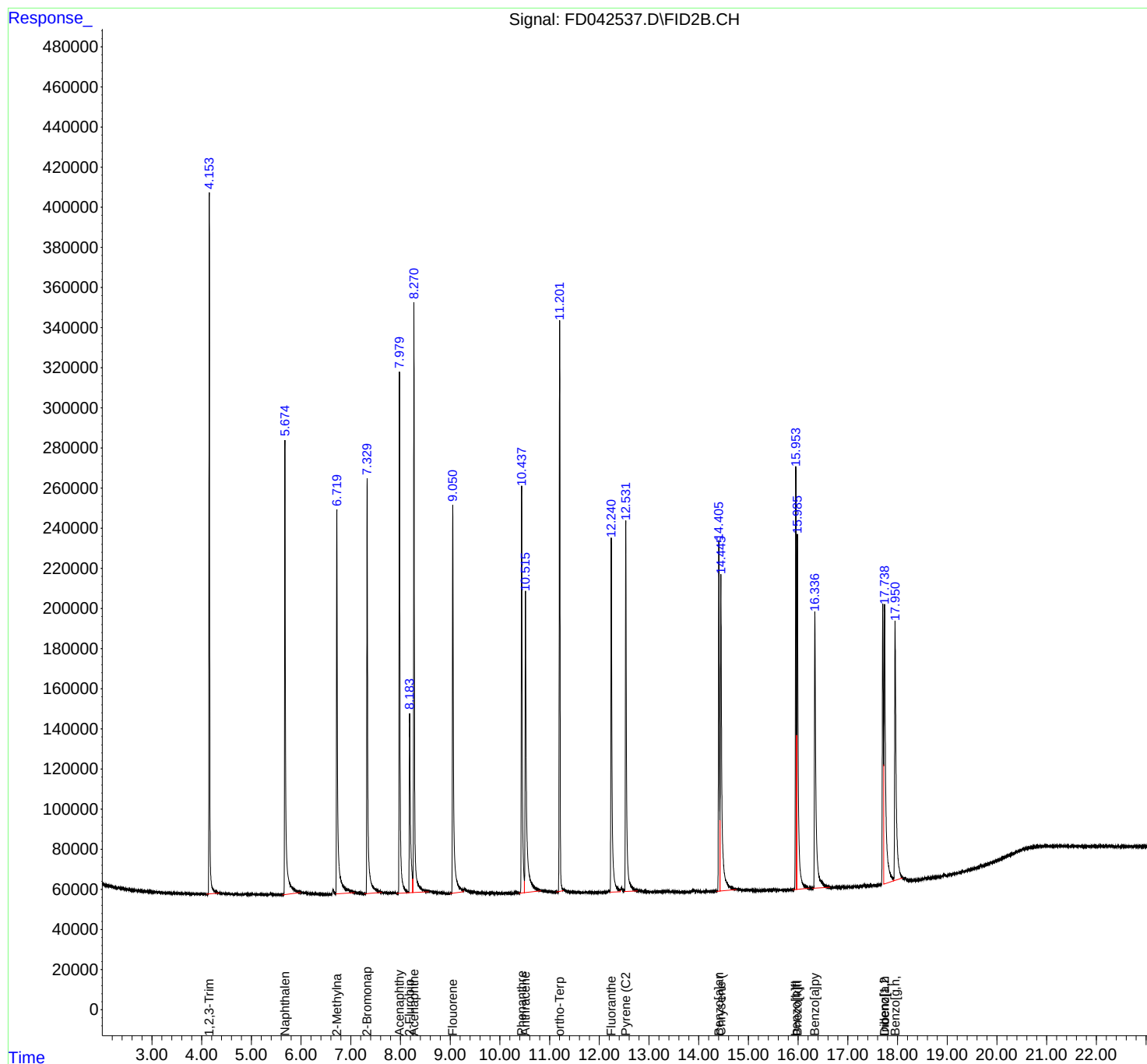
(f)=RT Delta > 1/2 Window

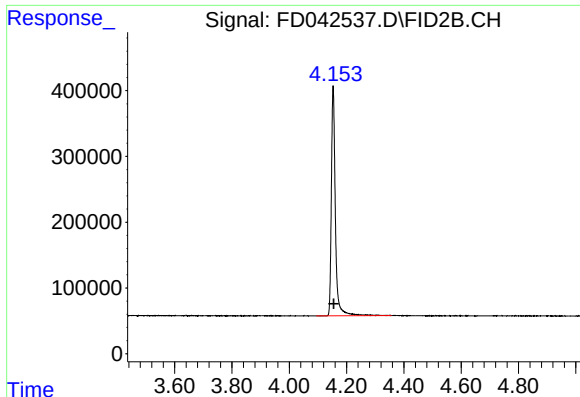
(m)=manual int.

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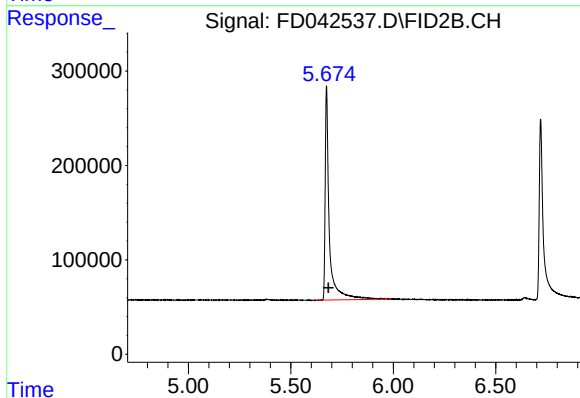
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





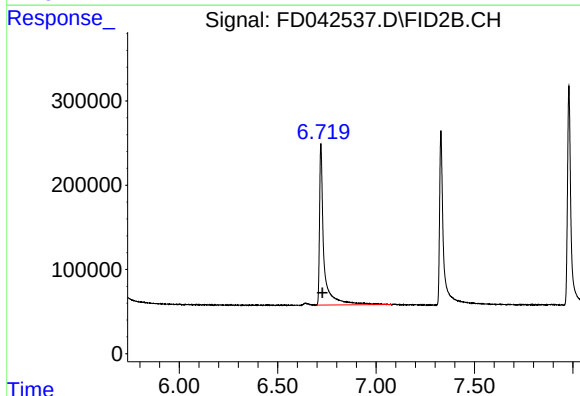
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.153 min
Delta R.T.: -0.003 min
Response: 3406654
Conc: 20.17 ug/ml



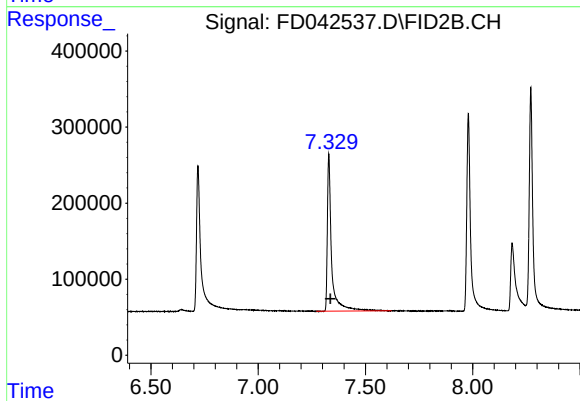
#2 Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.008 min
Response: 3215971
Conc: 20.83 ug/ml



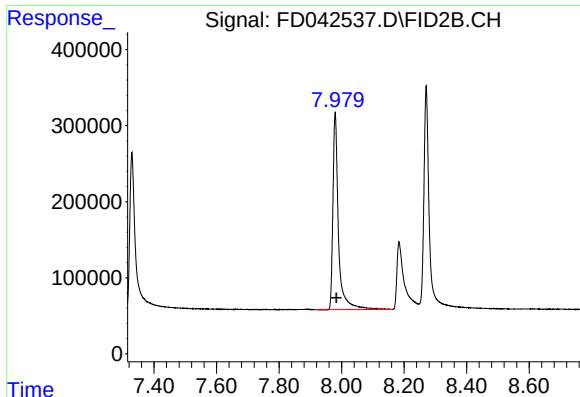
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.720 min
Delta R.T.: -0.008 min
Response: 3006597
Conc: 21.26 ug/ml



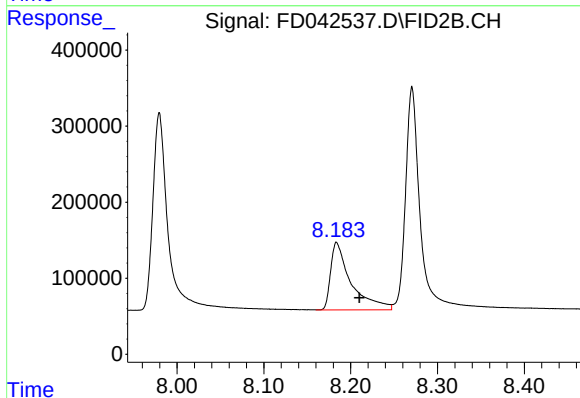
#4 2-Bromonaphthalene (SURR)

R.T.: 7.330 min
Delta R.T.: -0.007 min
Response: 2869398
Conc: 20.80 ug/ml



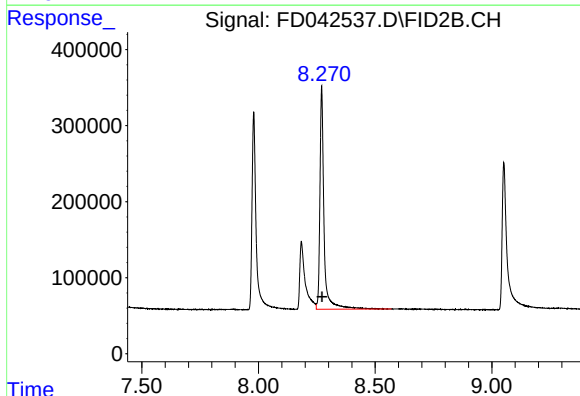
#5 Acenaphthylene (C15.06)

R.T.: 7.980 min
Delta R.T.: -0.004 min
Response: 3208924
Conc: 20.21 ug/ml



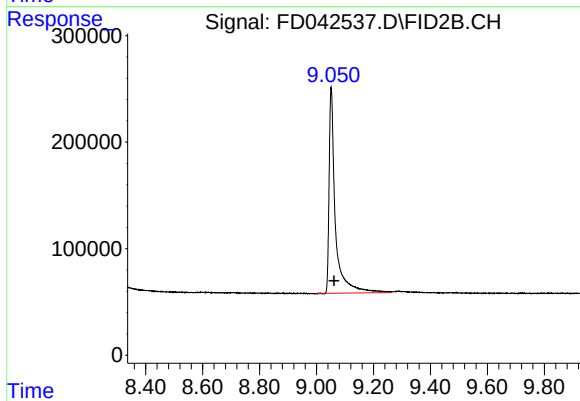
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.026 min
Response: 1452615
Conc: 21.45 ug/ml



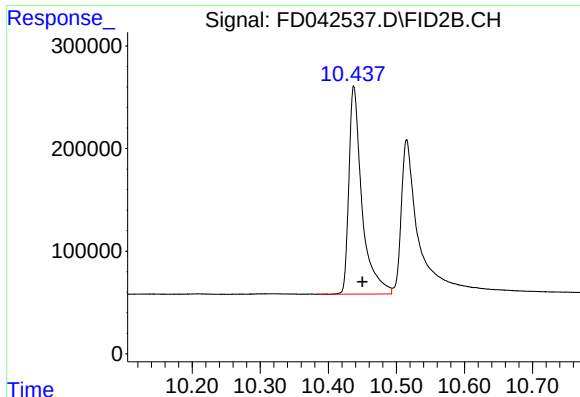
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: -0.002 min
Response: 3617416
Conc: 19.97 ug/ml



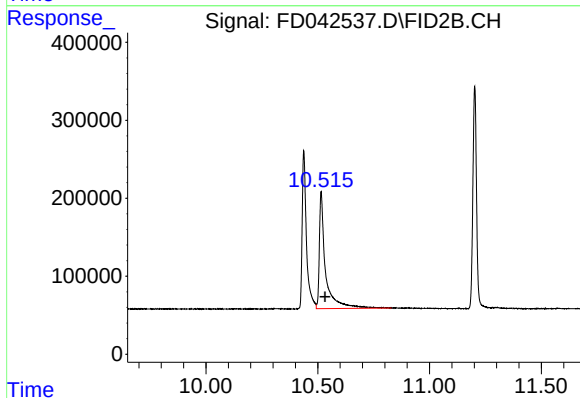
#8 Flouorene (C16.55)

R.T.: 9.052 min
Delta R.T.: -0.010 min
Response: 2983526
Conc: 20.50 ug/ml



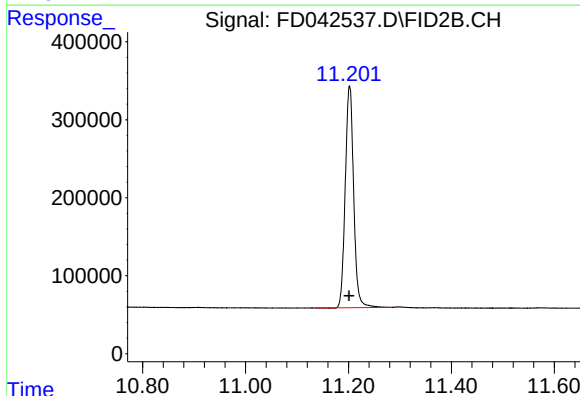
#9 Phenanthrene (C19.36)

R.T.: 10.438 min
Delta R.T.: -0.012 min
Response: 2701026
Conc: 20.44 ug/ml



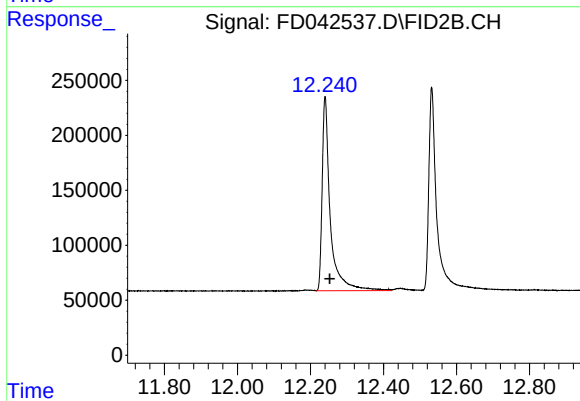
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.016 min
Response: 2911502
Conc: 20.09 ug/ml



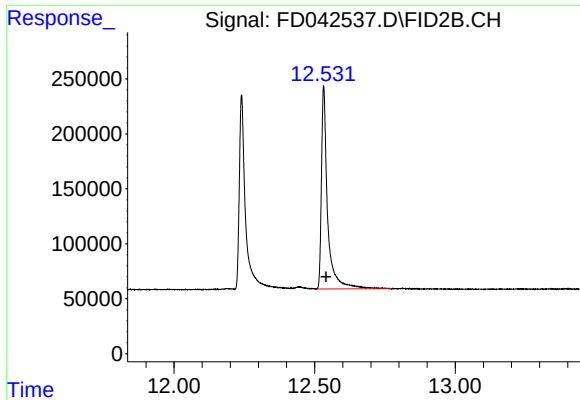
#11 ortho-Terphenyl (SURR)

R.T.: 11.202 min
Delta R.T.: 0.001 min
Response: 3222711
Conc: 19.98 ug/ml



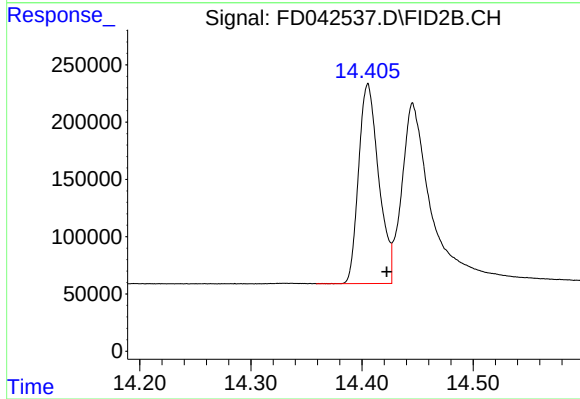
#12 Fluoranthene (C21.85)

R.T.: 12.240 min
Delta R.T.: -0.012 min
Response: 2742048
Conc: 20.32 ug/ml



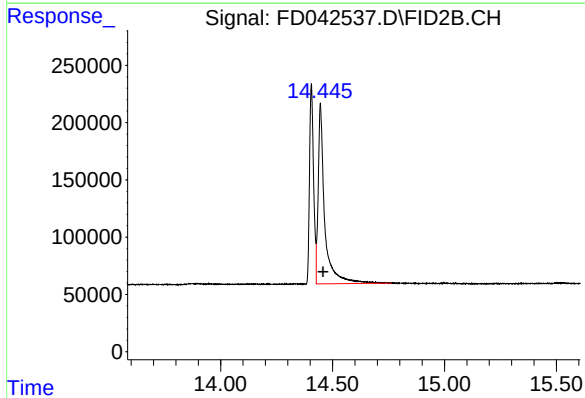
#13 Pyrene (C20.8)

R.T.: 12.532 min
Delta R.T.: -0.009 min
Response: 2827233
Conc: 20.33 ug/ml



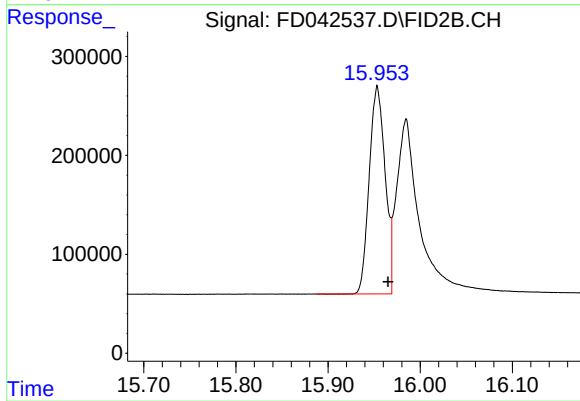
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min
Delta R.T.: -0.017 min
Response: 2186033
Conc: 20.65 ug/ml



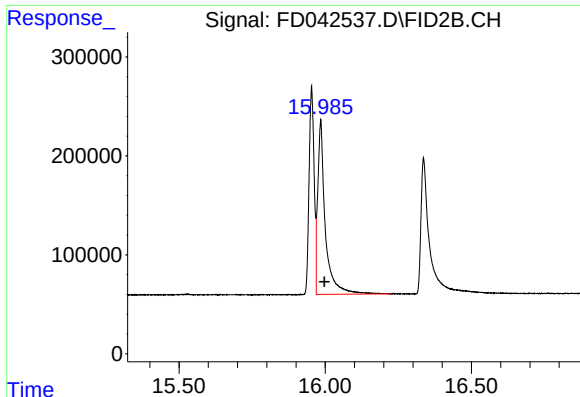
#15 Chrysene (C27.41)

R.T.: 14.446 min
Delta R.T.: -0.012 min
Response: 3222663
Conc: 20.01 ug/ml



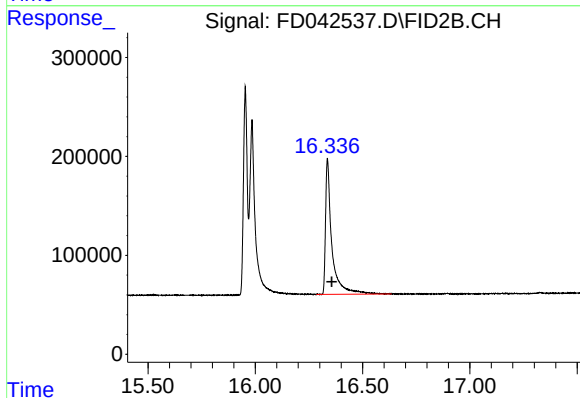
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.954 min
Delta R.T.: -0.012 min
Response: 2510559
Conc: 20.37 ug/ml



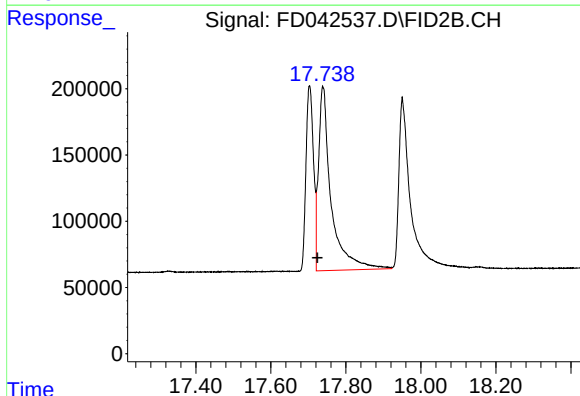
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.985 min
Delta R.T.: -0.012 min
Response: 3175656
Conc: 19.94 ug/ml



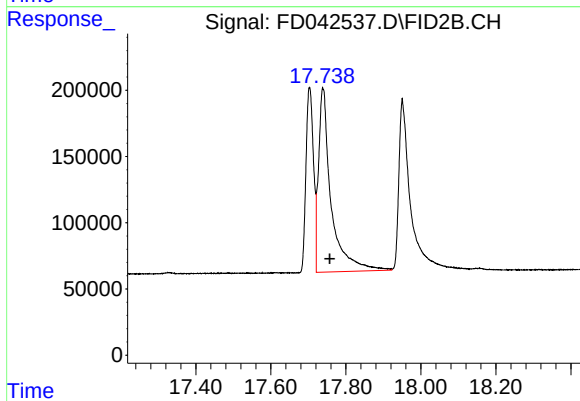
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.337 min
Delta R.T.: -0.020 min
Response: 2817210
Conc: 20.45 ug/ml



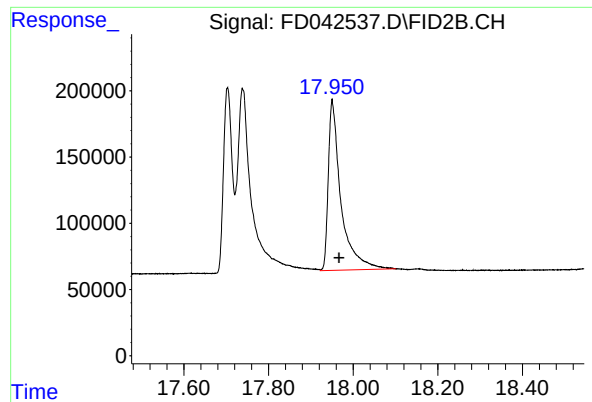
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.739 min
Delta R.T.: 0.014 min
Response: 3239630
Conc: 32.37 ug/ml



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

R.T.: 17.739 min
Delta R.T.: -0.018 min
Response: 3239630
Conc: 20.68 ug/ml



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

R.T.: 17.951 min
Delta R.T.: -0.016 min
Response: 2667410
Conc: 20.09 ug/ml