

Data Path : P:\HPCHEM1\FID D\Data\FD041918AR\
 Data File : FD023109.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2018 6:54
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 09:48:58 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 2018
 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...	7.296	2218507	16.359 ug/ml
Spiked Amount 50.000		Recovery =	32.72%
6) S 2-Fluorobiphenyl (SURR)	8.162	1183313	16.604 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.21%
11) S ortho-Terphenyl (SURR)	11.171	2326077	16.638 ug/ml
Spiked Amount 50.000		Recovery =	33.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.103	2381937	17.088 ug/ml
2) T Naphthalene (C11.7)	5.636	2331933	17.038 ug/ml
3) T 2-Methylnaphthalene (...)	6.685	2249711	16.481 ug/ml
5) T Acenaphthylene (C15.06)	7.949	2432561	16.643 ug/ml
7) T Acenaphthene (C15.5)	8.239	2745722	16.253 ug/ml
8) T Fluorene (C16.55)	9.026	2319864	16.200 ug/ml
9) T Phenanthrene (C19.36)	10.418	2231783	16.815 ug/ml
10) T Anthracene (C19.43)	10.500	2255076	16.117 ug/ml
12) T Fluoranthene (C21.85)	12.229	2331302	16.973 ug/ml
13) T Pyrene (C20.8)	12.521	2396939	16.981 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.401	2186022	17.596 ug/ml
15) T Chrysene (C27.41)	14.445	2645760	17.089 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.989	2859853	21.215 ug/ml
17) T Bnezo[<i>k</i>]fluoranthene ...	15.989	2859853	17.331 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.347	2451806	17.008 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.748	2906367	22.397 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.748	2906367	17.472 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	17.971	2484086	16.760 ug/ml

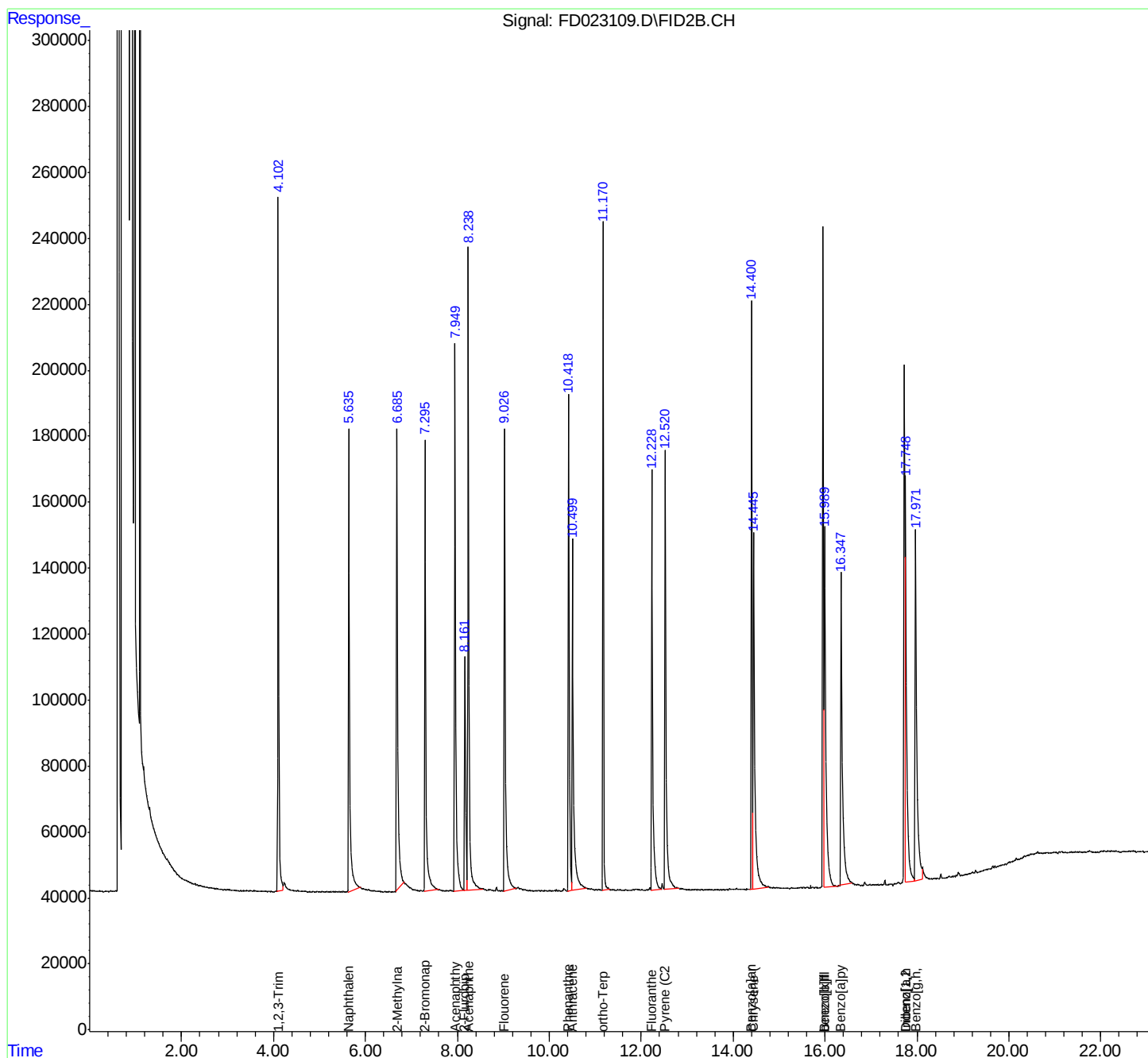
(f)=RT Delta > 1/2 Window

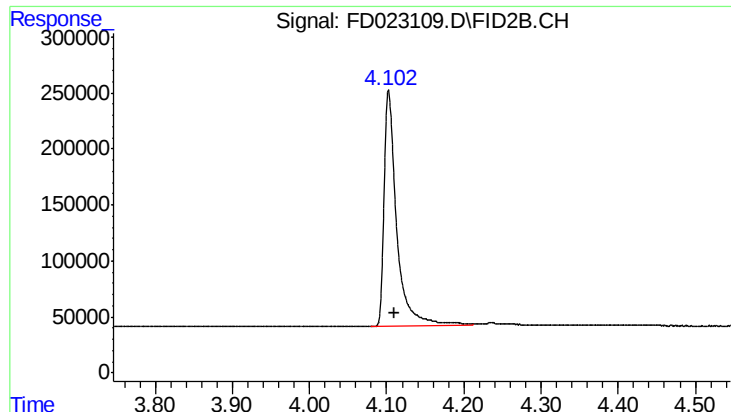
(m)=manual int.

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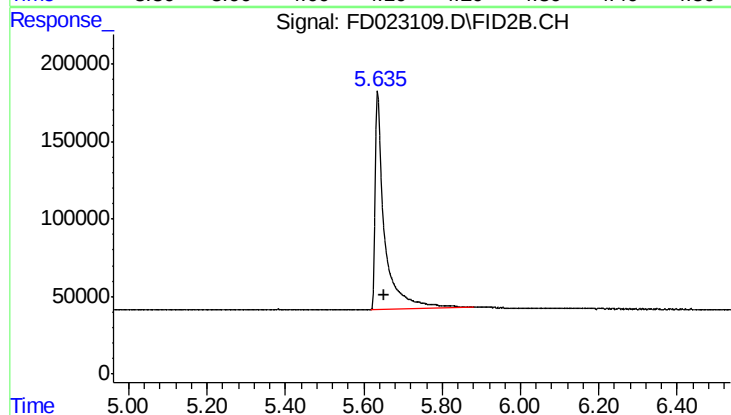
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Signal Info : 20M x 0.18mm x 0.18µm





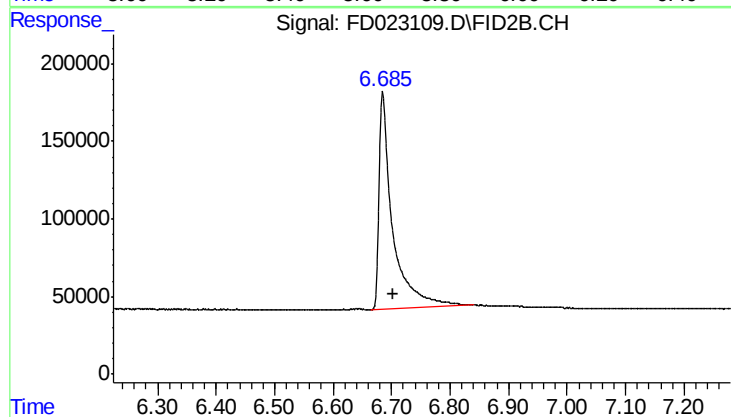
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.103 min
Delta R.T.: -0.008 min
Response: 2381937
Conc: 17.09 ug/ml



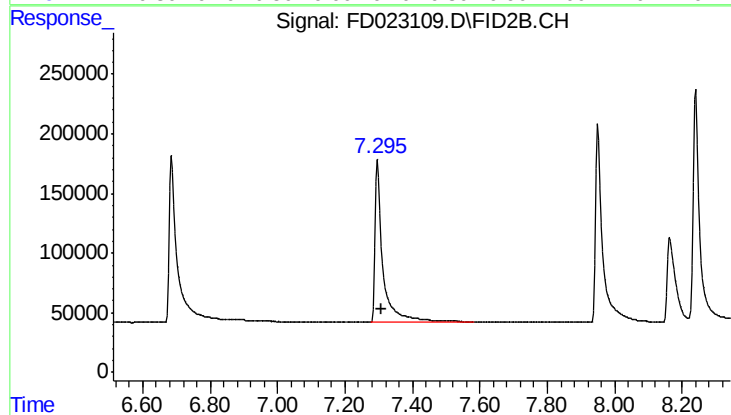
#2 Naphthalene (C11.7)

R.T.: 5.636 min
Delta R.T.: -0.017 min
Response: 2331933
Conc: 17.04 ug/ml



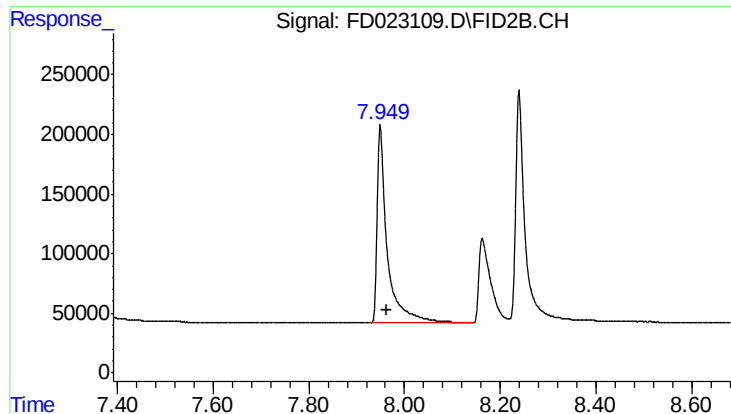
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.685 min
Delta R.T.: -0.017 min
Response: 2249711
Conc: 16.48 ug/ml



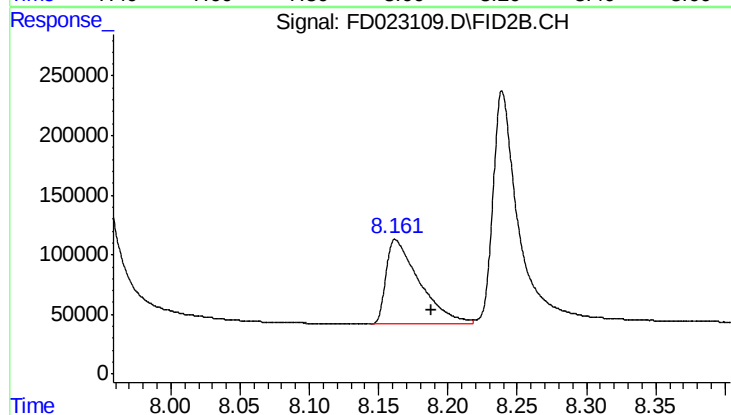
#4 2-Bromonaphthalene (SURR)

R.T.: 7.296 min
Delta R.T.: -0.014 min
Response: 2218507
Conc: 16.36 ug/ml



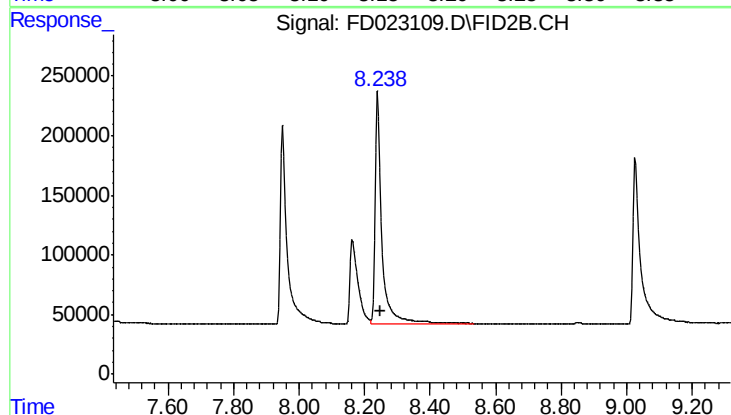
#5 Acenaphthylene (C15.06)

R.T.: 7.949 min
Delta R.T.: -0.013 min
Response: 2432561
Conc: 16.64 ug/ml



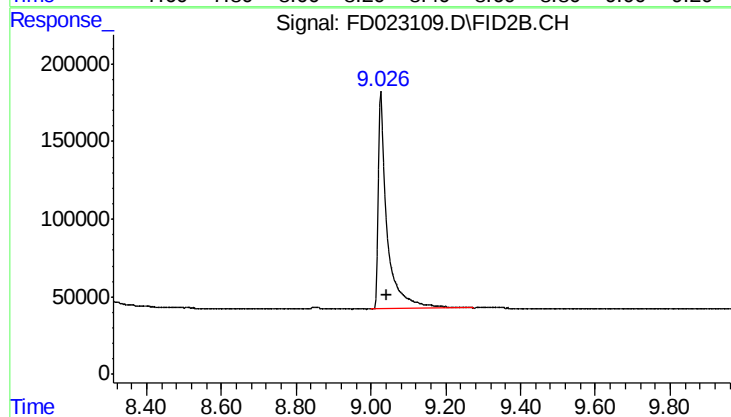
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.162 min
Delta R.T.: -0.026 min
Response: 1183313
Conc: 16.60 ug/ml



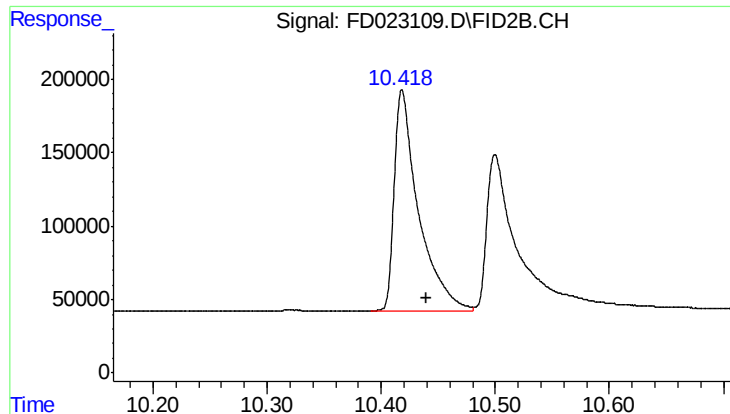
#7 Acenaphthene (C15.5)

R.T.: 8.239 min
Delta R.T.: -0.009 min
Response: 2745722
Conc: 16.25 ug/ml



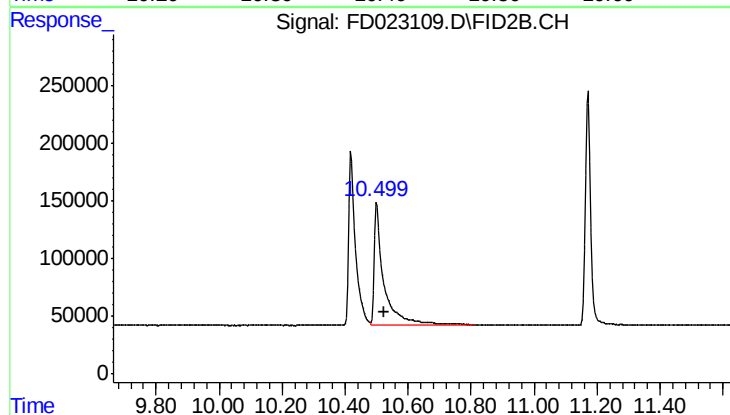
#8 Fluorene (C16.55)

R.T.: 9.026 min
Delta R.T.: -0.018 min
Response: 2319864
Conc: 16.20 ug/ml



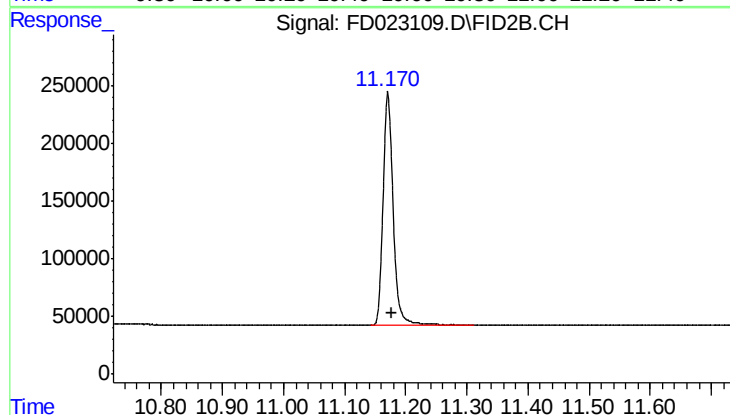
#9 Phenanthrene (C19.36)

R.T.: 10.418 min
Delta R.T.: -0.021 min
Response: 2231783
Conc: 16.81 ug/ml



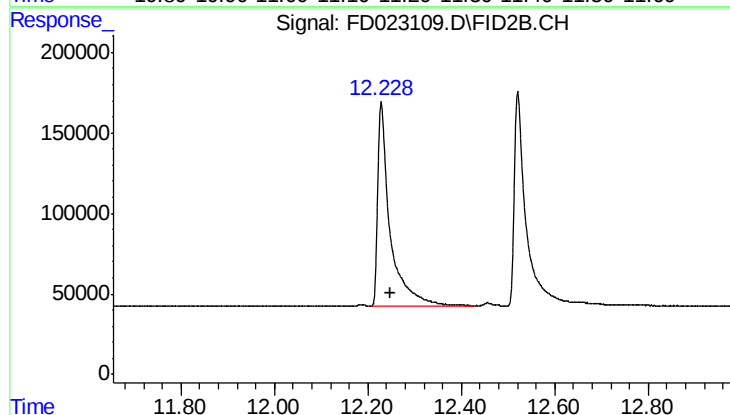
#10 Anthracene (C19.43)

R.T.: 10.500 min
Delta R.T.: -0.023 min
Response: 2255076
Conc: 16.12 ug/ml



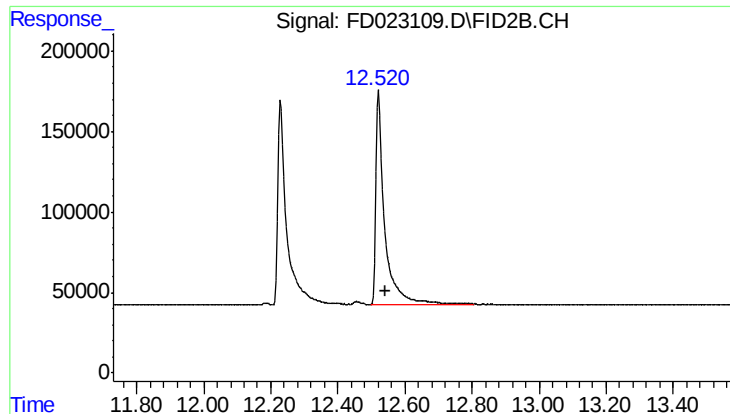
#11 ortho-Terphenyl (SURR)

R.T.: 11.171 min
Delta R.T.: -0.007 min
Response: 2326077
Conc: 16.64 ug/ml



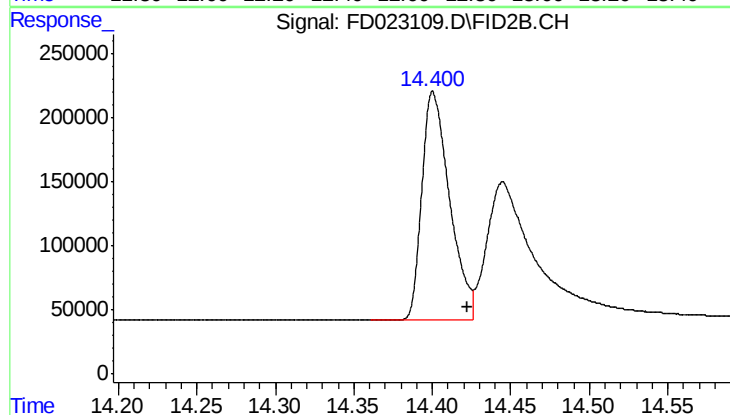
#12 Fluoranthene (C21.85)

R.T.: 12.229 min
Delta R.T.: -0.020 min
Response: 2331302
Conc: 16.97 ug/ml



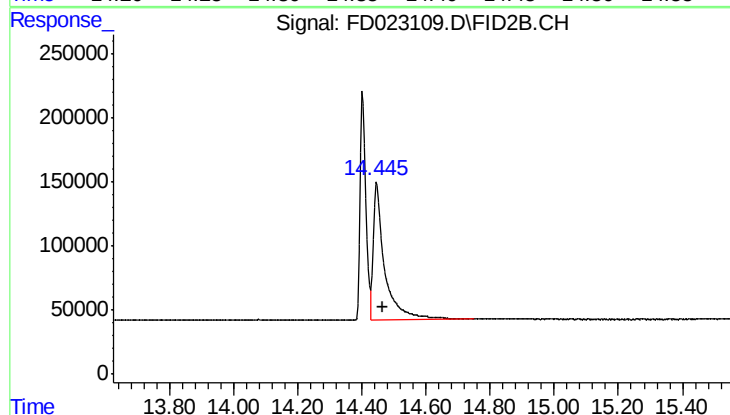
#13 Pyrene (C20.8)

R.T.: 12.521 min
Delta R.T.: -0.020 min
Response: 2396939
Conc: 16.98 ug/ml



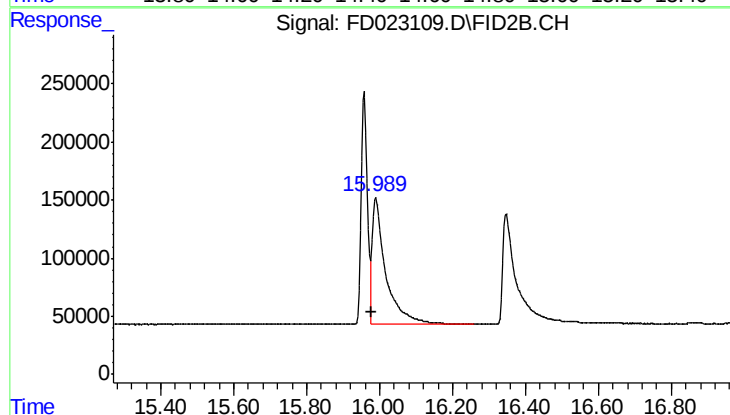
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.401 min
Delta R.T.: -0.022 min
Response: 2186022
Conc: 17.60 ug/ml



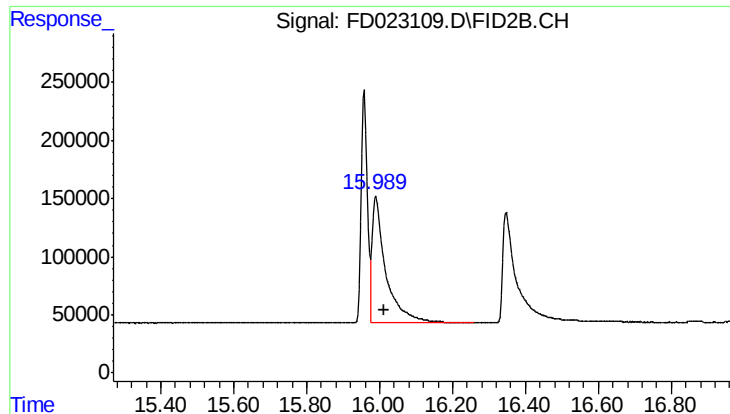
#15 Chrysene (C27.41)

R.T.: 14.445 min
Delta R.T.: -0.021 min
Response: 2645760
Conc: 17.09 ug/ml



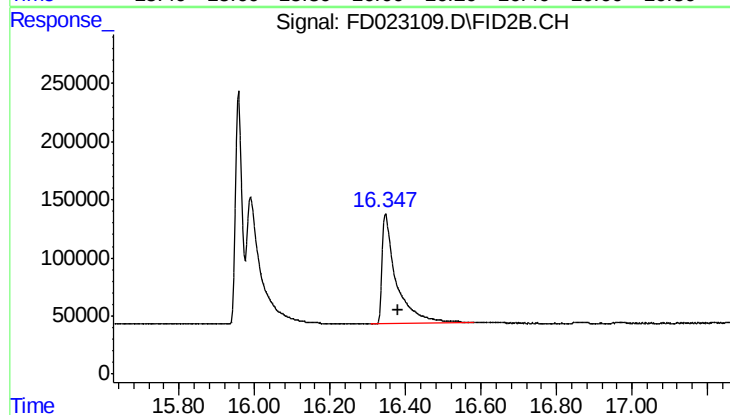
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.989 min
Delta R.T.: 0.011 min
Response: 2859853
Conc: 21.22 ug/ml



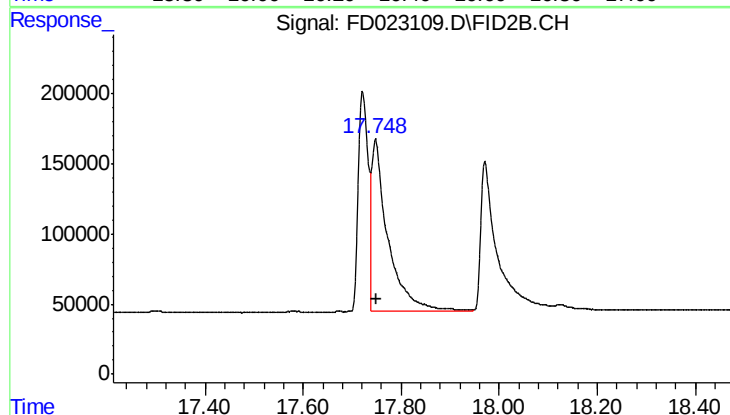
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.989 min
Delta R.T.: -0.024 min
Response: 2859853
Conc: 17.33 ug/ml



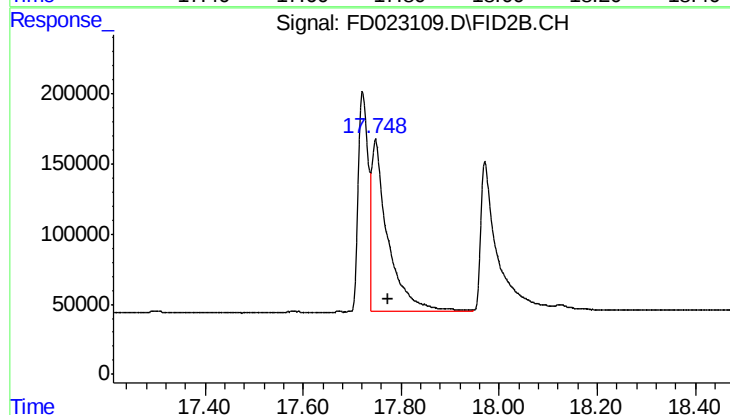
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.347 min
Delta R.T.: -0.032 min
Response: 2451806
Conc: 17.01 ug/ml



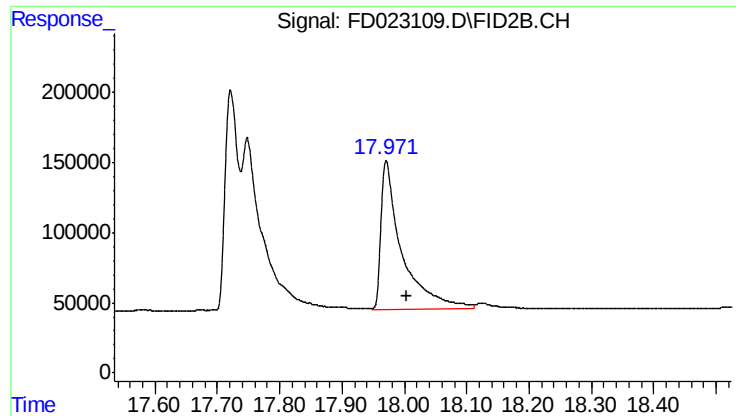
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.748 min
Delta R.T.: -0.003 min
Response: 2906367
Conc: 22.40 ug/ml



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

R.T.: 17.748 min
Delta R.T.: -0.025 min
Response: 2906367
Conc: 17.47 ug/ml



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

R.T.: 17.971 min
Delta R.T.: -0.033 min
Response: 2484086
Conc: 16.76 ug/ml