

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031423AR\
 Data File : FD045294.D
 Signal(s) : FID2B.ch
 Acq On : 14 Mar 2023 22:48
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 15 03:56:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.550	2857566	21.057 ug/ml
Spiked Amount 50.000		Recovery =	42.11%
6) S 2-Fluorobiphenyl (SURR)	8.406	1898831	21.208 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.42%
11) S ortho-Terphenyl (SURR)	11.447	3623308	21.768 ug/ml
Spiked Amount 50.000		Recovery =	43.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	3170900	20.937 ug/ml
2) T Naphthalene (C11.7)	5.890	3313202	20.973 ug/ml
3) T 2-Methylnaphthalene (...)	6.939	3315099	20.860 ug/ml
5) T Acenaphthylene (C15.06)	8.210	2987599	20.836 ug/ml
7) T Acenaphthene (C15.5)	8.506	3206687	21.157 ug/ml
8) T Fluorene (C16.55)	9.285	3125626	21.229 ug/ml
9) T Phenanthrene (C19.36)	10.676	3040349	21.295 ug/ml
10) T Anthracene (C19.43)	10.749	2629543	18.765 ug/ml
12) T Fluoranthene (C21.85)	12.481	3007912	21.533 ug/ml
13) T Pyrene (C20.8)	12.775	2939709	21.587 ug/ml
14) T Benzo[a]anthracene (C...	14.641	2696523	21.154 ug/ml
15) T Chrysene (C27.41)	14.684	2799593	21.481 ug/ml
16) T benzo[b]fluoranthene ...	16.185	2755715	21.375 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	2711536	21.481 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	2663721	21.164 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.918	2580689	21.572 ug/ml
20) T Dibenz[a,h]anthracene...	17.960	2681493	22.231 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	2677261	21.517 ug/ml

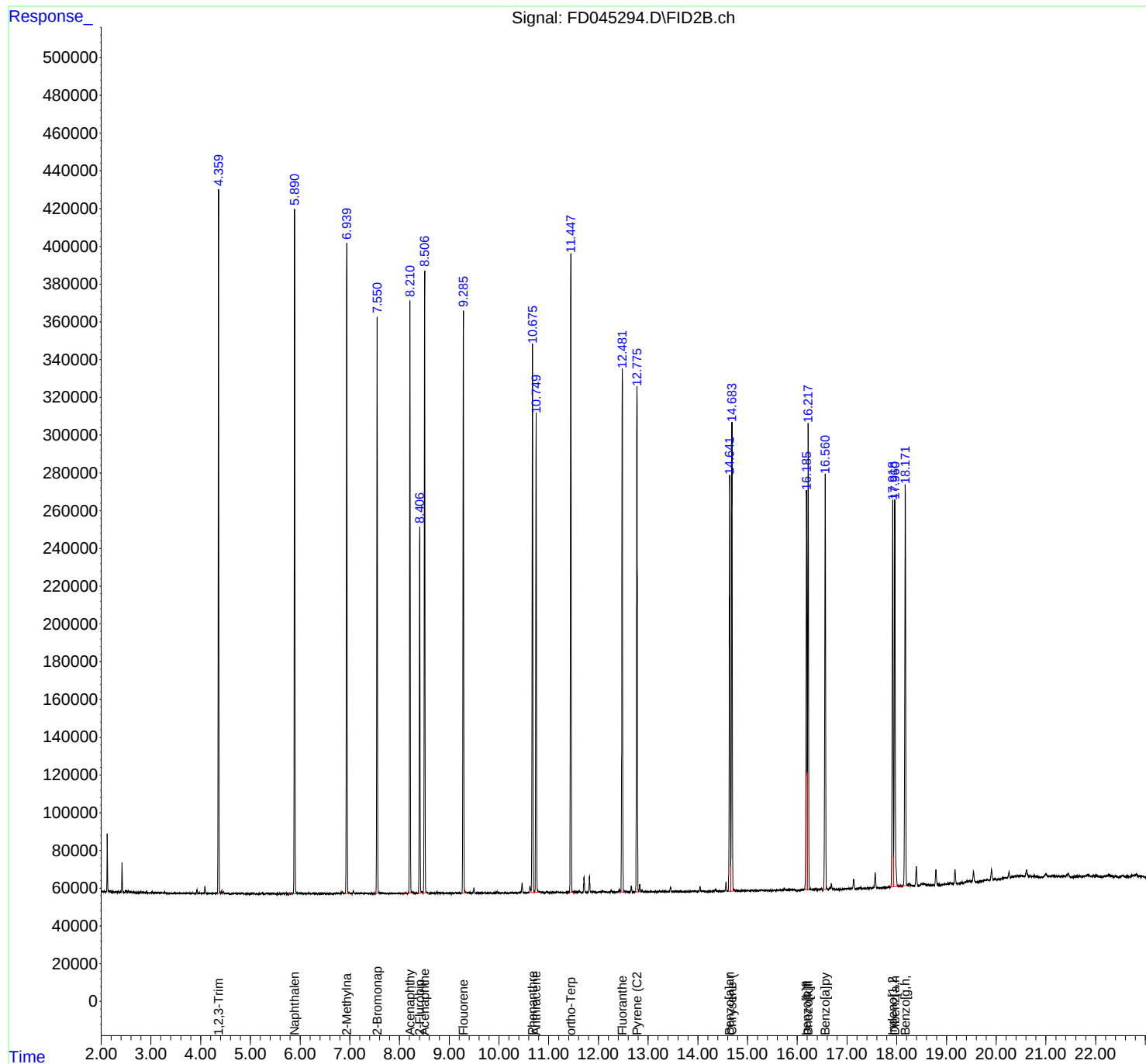
(f)=RT Delta > 1/2 Window

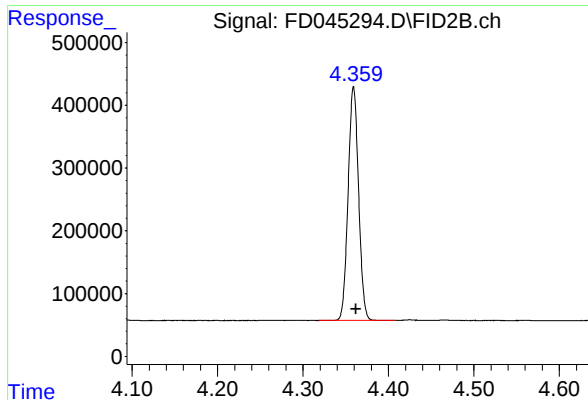
(m)=manual int.

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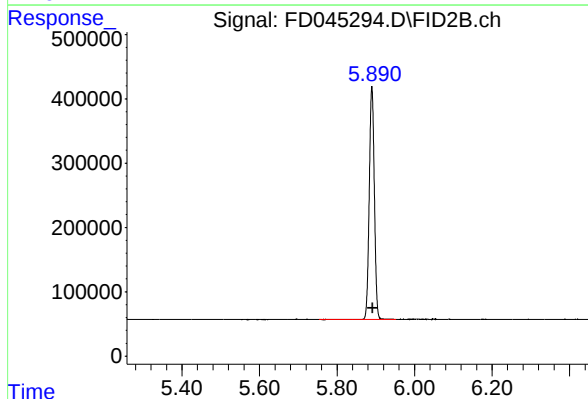
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





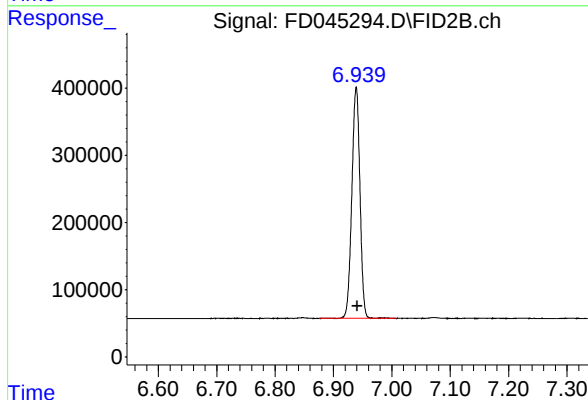
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 3170900
Conc: 20.94 ug/ml



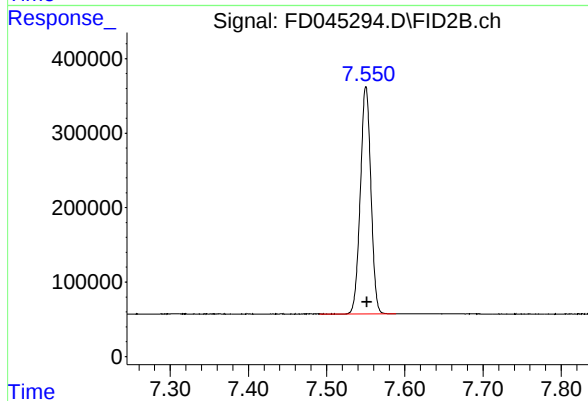
#2 Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.002 min
Response: 3313202
Conc: 20.97 ug/ml



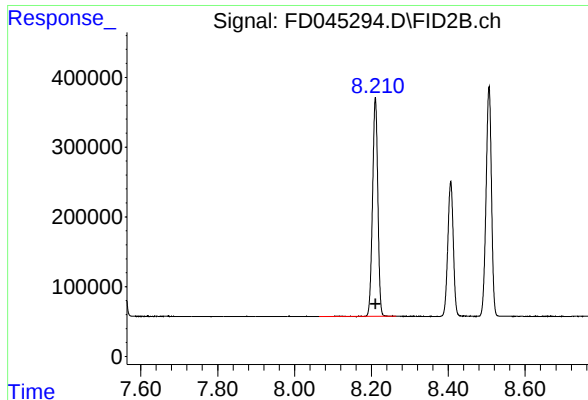
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 3315099
Conc: 20.86 ug/ml



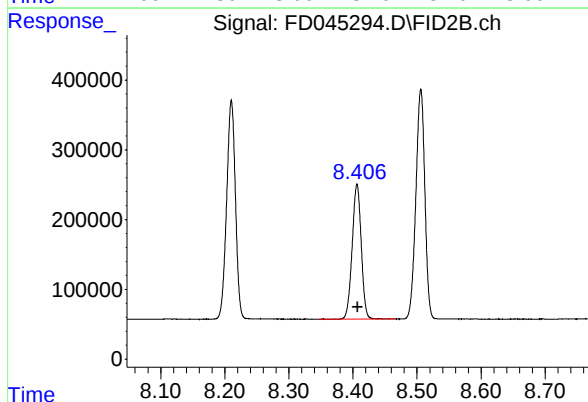
#4 2-Bromonaphthalene (SURR)

R.T.: 7.550 min
Delta R.T.: -0.001 min
Response: 2857566
Conc: 21.06 ug/ml



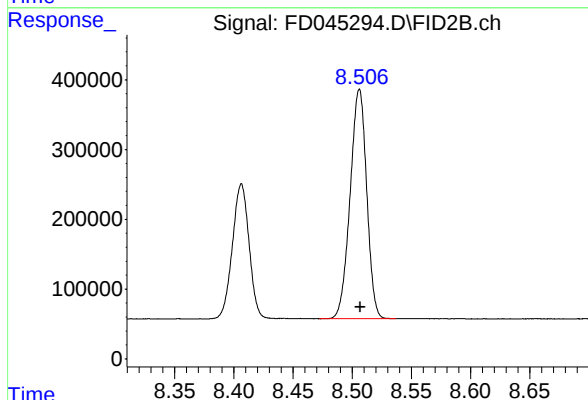
#5 Acenaphthylene (C15.06)

R.T.: 8.210 min
Delta R.T.: -0.001 min
Response: 2987599
Conc: 20.84 ug/ml



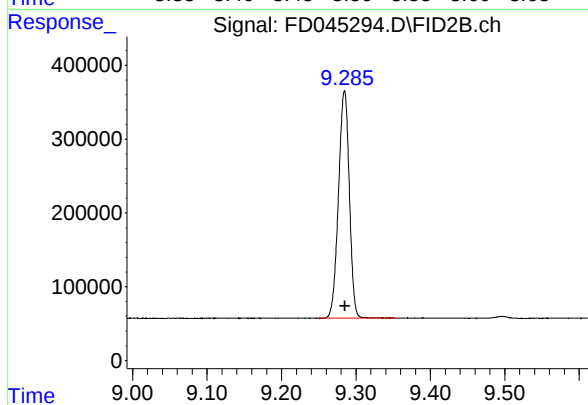
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.406 min
Delta R.T.: -0.001 min
Response: 1898831
Conc: 21.21 ug/ml



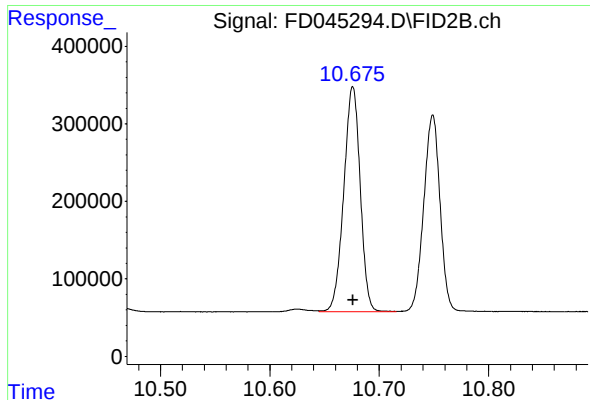
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: -0.001 min
Response: 3206687
Conc: 21.16 ug/ml



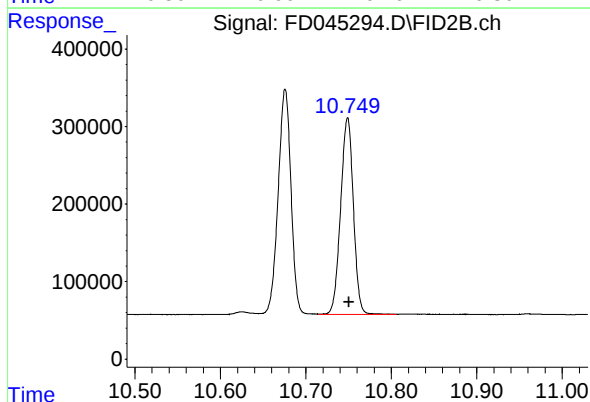
#8 Flouorene (C16.55)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 3125626
Conc: 21.23 ug/ml



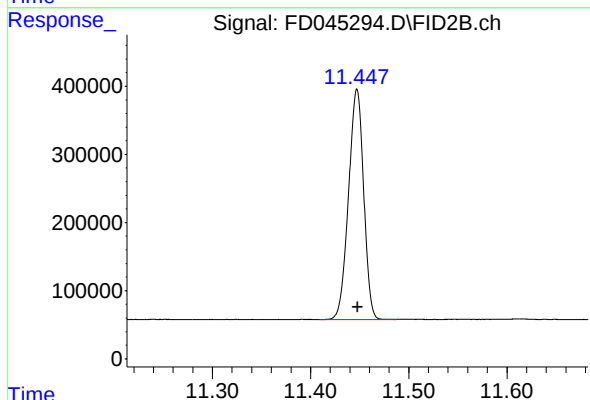
#9 Phenanthrene (C19.36)

R.T.: 10.676 min
Delta R.T.: 0.000 min
Response: 3040349
Conc: 21.29 ug/ml



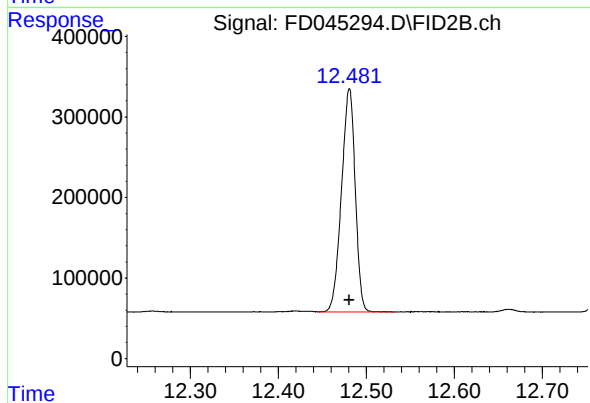
#10 Anthracene (C19.43)

R.T.: 10.749 min
Delta R.T.: -0.002 min
Response: 2629543
Conc: 18.77 ug/ml



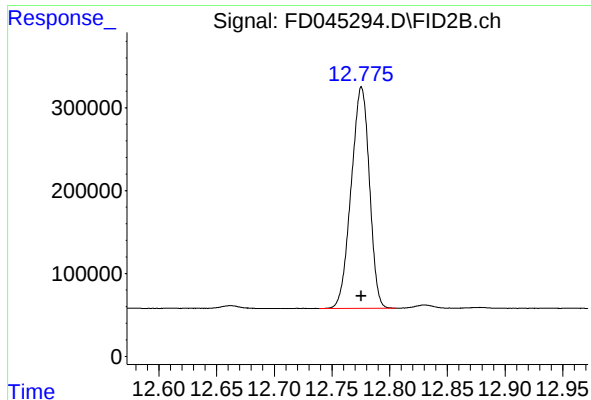
#11 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: 0.000 min
Response: 3623308
Conc: 21.77 ug/ml



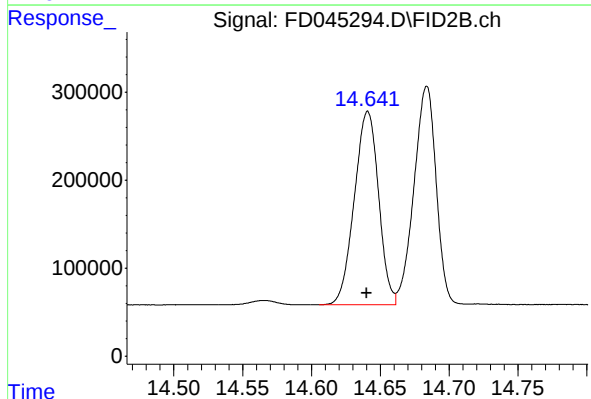
#12 Fluoranthene (C21.85)

R.T.: 12.481 min
Delta R.T.: 0.000 min
Response: 3007912
Conc: 21.53 ug/ml



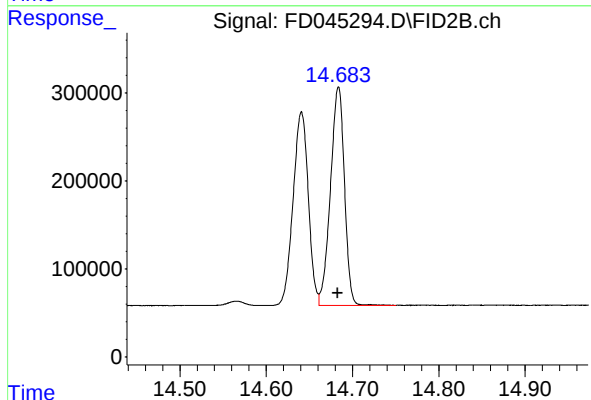
#13 Pyrene (C20.8)

R.T.: 12.775 min
Delta R.T.: 0.000 min
Response: 2939709
Conc: 21.59 ug/ml



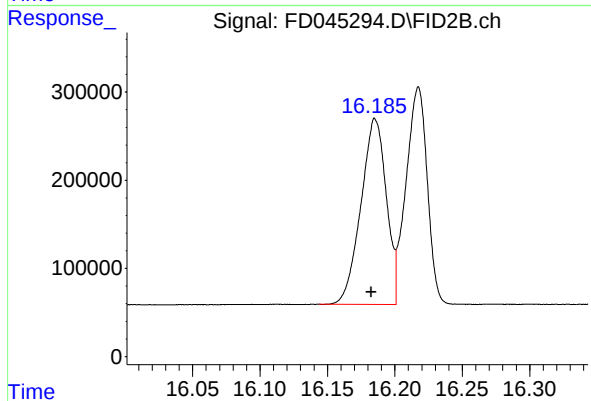
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: 0.000 min
Response: 2696523
Conc: 21.15 ug/ml



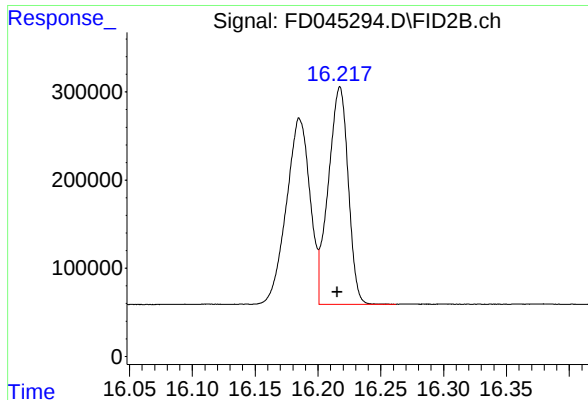
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: 0.000 min
Response: 2799593
Conc: 21.48 ug/ml



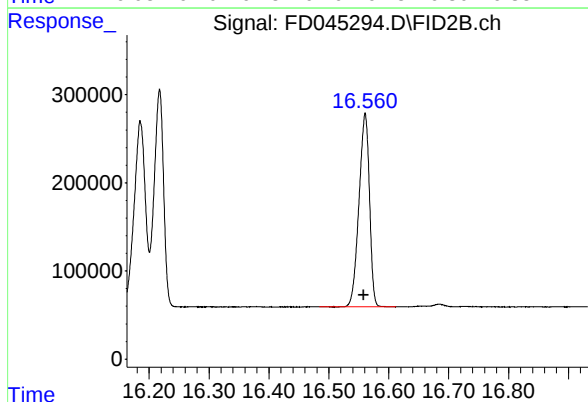
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.185 min
Delta R.T.: 0.003 min
Response: 2755715
Conc: 21.38 ug/ml



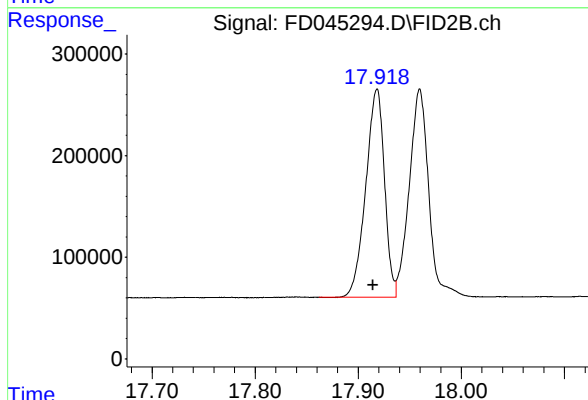
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min
Delta R.T.: 0.002 min
Response: 2711536
Conc: 21.48 ug/ml



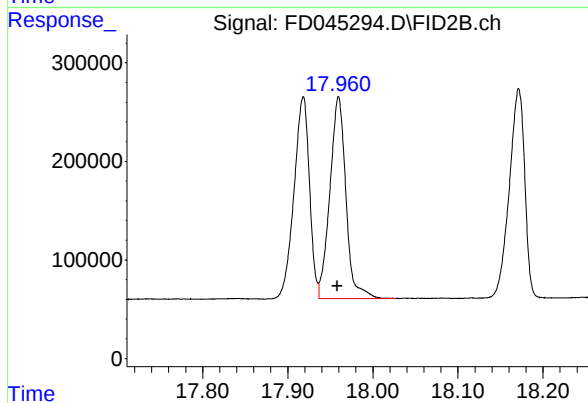
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.003 min
Response: 2663721
Conc: 21.16 ug/ml



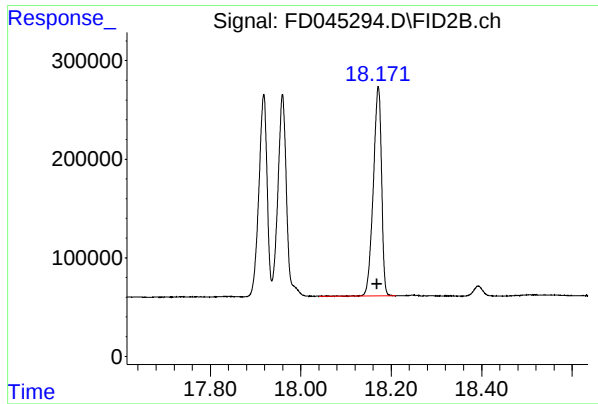
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.918 min
Delta R.T.: 0.004 min
Response: 2580689
Conc: 21.57 ug/ml



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

R.T.: 17.960 min
Delta R.T.: 0.001 min
Response: 2681493
Conc: 22.23 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.003 min
Response: 2677261
Conc: 21.52 ug/ml