

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014043.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 10:19
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 20 11:09:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:02:14 2024
 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...	7.921	2295327	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.793	1459995	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.855	2861982	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	2406814	20.000 ug/ml
2) T Naphthalene (C11.7)	6.201	2458656	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.295	2484186	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.593	2355609	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.892	2591316	20.000 ug/ml
8) T Flouorene (C16.55)	9.680	2432476	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.084	2342884	20.000 ug/ml
10) T Anthracene (C19.43)	11.159	2107393	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.903	2477351	20.000 ug/ml
13) T Pyrene (C20.8)	13.200	2360441	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.081	1974143	20.000 ug/ml
15) T Chrysene (C27.41)	15.123	2463790	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.638	2109375	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.669	2381478	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.018	2082456	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.390	1753096	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.431	2453209	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.643	2216818	20.000 ug/ml

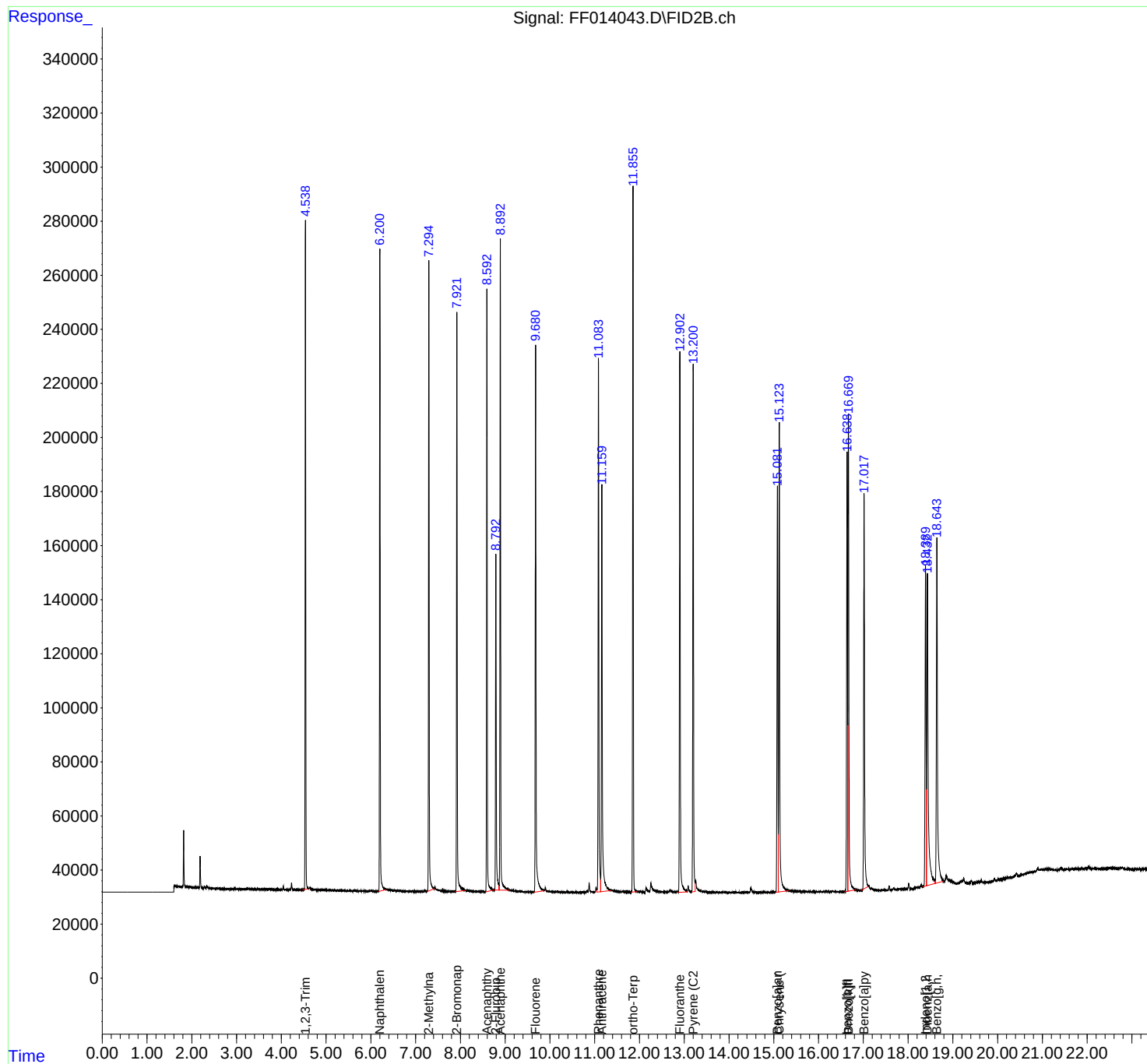
(f)=RT Delta > 1/2 Window

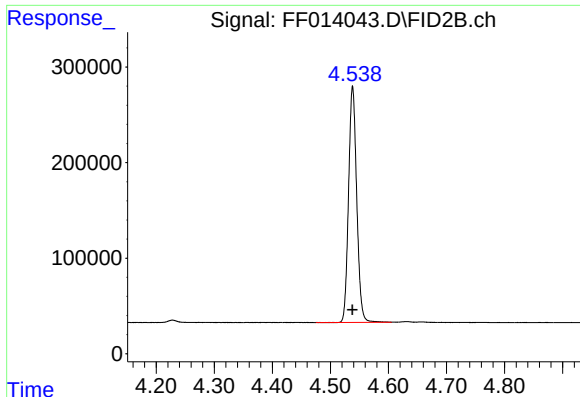
(m)=manual int.

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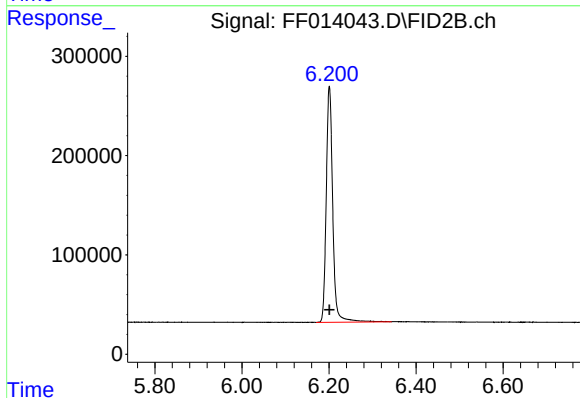
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





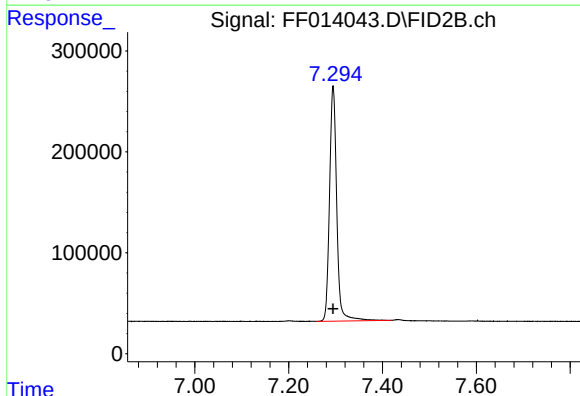
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 2406814
Conc: 20.00 ug/ml



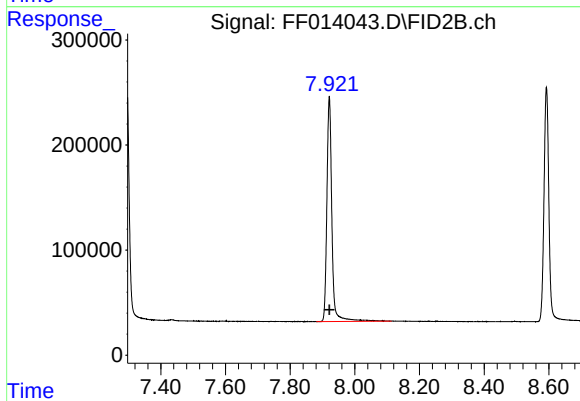
#2 Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 2458656
Conc: 20.00 ug/ml



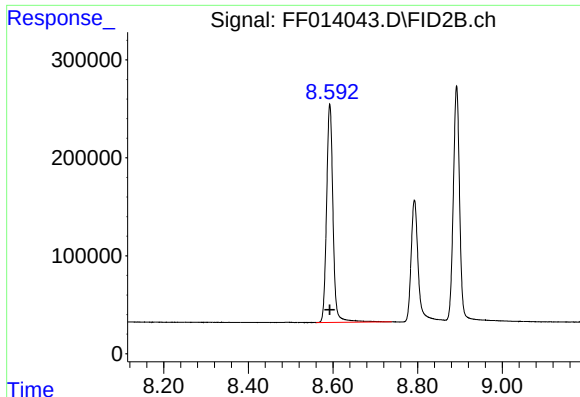
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 2484186
Conc: 20.00 ug/ml



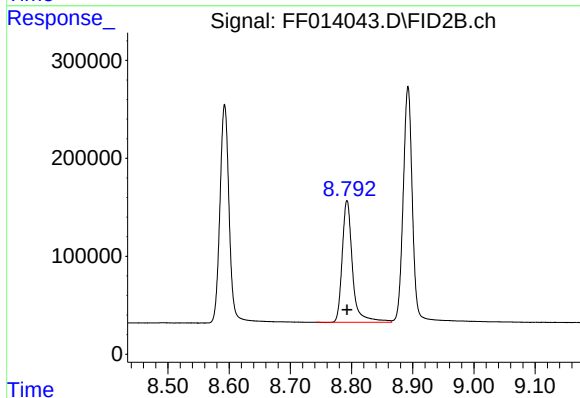
#4 2-Bromonaphthalene (SURR)

R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 2295327
Conc: 20.00 ug/ml



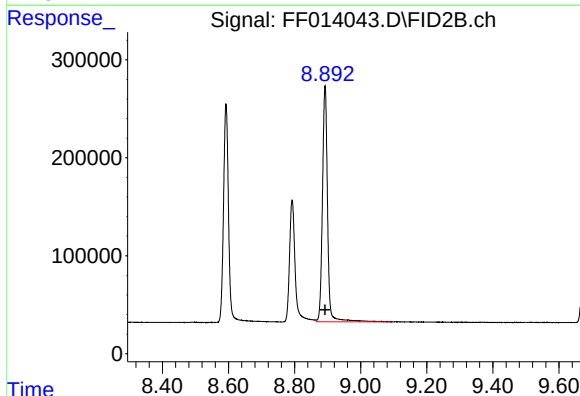
#5 Acenaphthylene (C15.06)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 2355609
Conc: 20.00 ug/ml



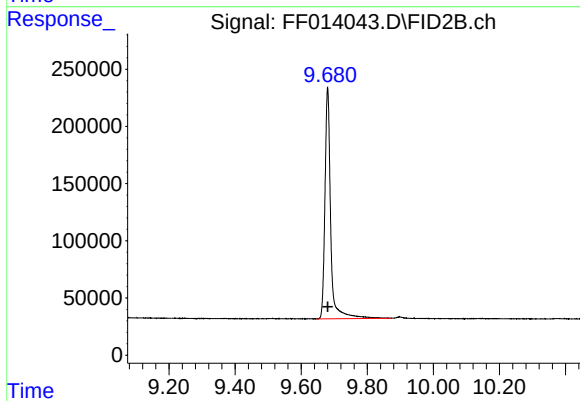
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 1459995
Conc: 20.00 ug/ml



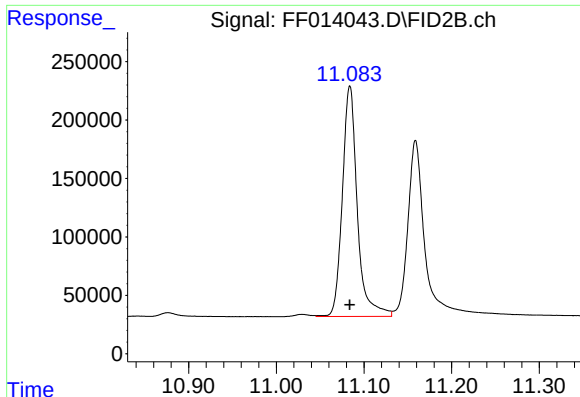
#7 Acenaphthene (C15.5)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 2591316
Conc: 20.00 ug/ml



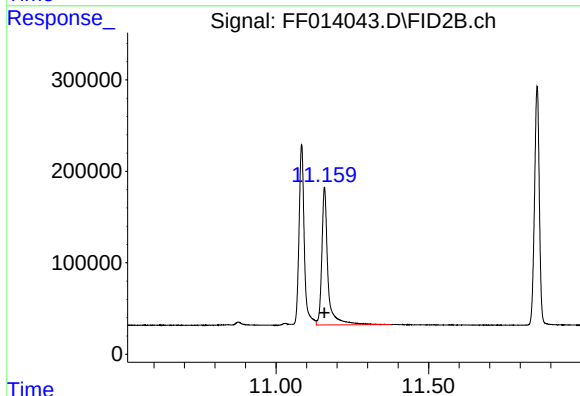
#8 Fluorene (C16.55)

R.T.: 9.680 min
Delta R.T.: 0.000 min
Response: 2432476
Conc: 20.00 ug/ml



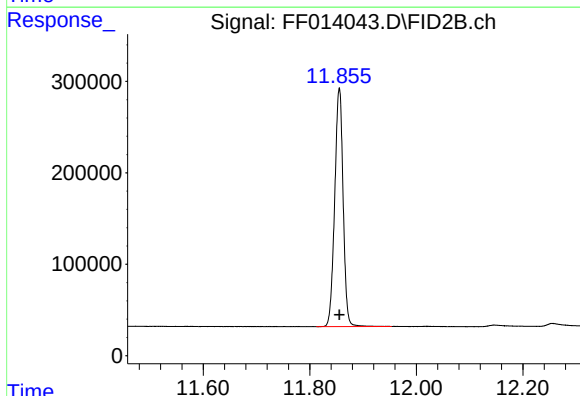
#9 Phenanthrene (C19.36)

R.T.: 11.084 min
Delta R.T.: 0.000 min
Response: 2342884
Conc: 20.00 ug/ml



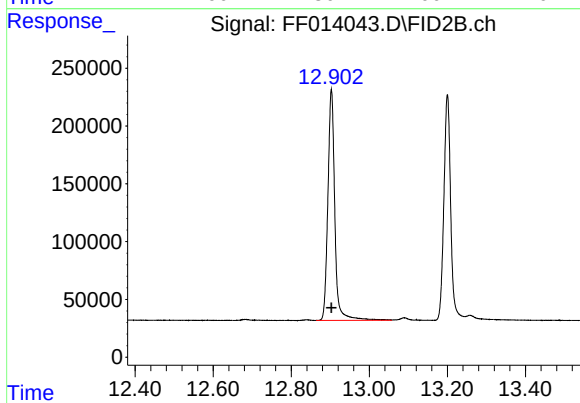
#10 Anthracene (C19.43)

R.T.: 11.159 min
Delta R.T.: 0.000 min
Response: 2107393
Conc: 20.00 ug/ml



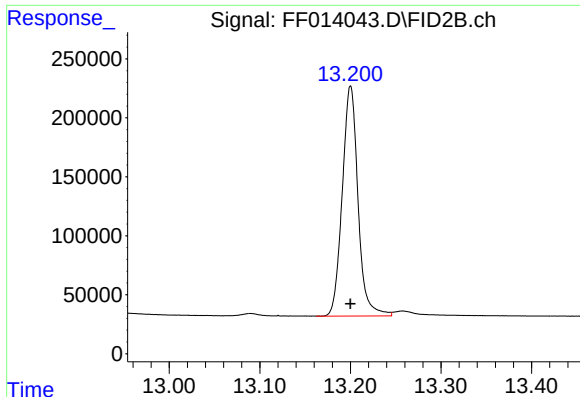
#11 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: 0.000 min
Response: 2861982
Conc: 20.00 ug/ml



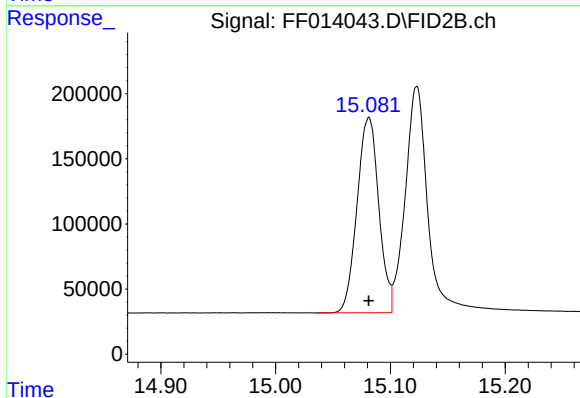
#12 Fluoranthene (C21.85)

R.T.: 12.903 min
Delta R.T.: 0.000 min
Response: 2477351
Conc: 20.00 ug/ml



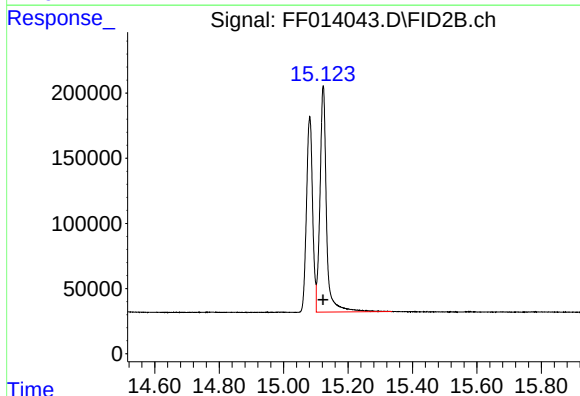
#13 Pyrene (C20.8)

R.T.: 13.200 min
Delta R.T.: 0.000 min
Response: 2360441
Conc: 20.00 ug/ml



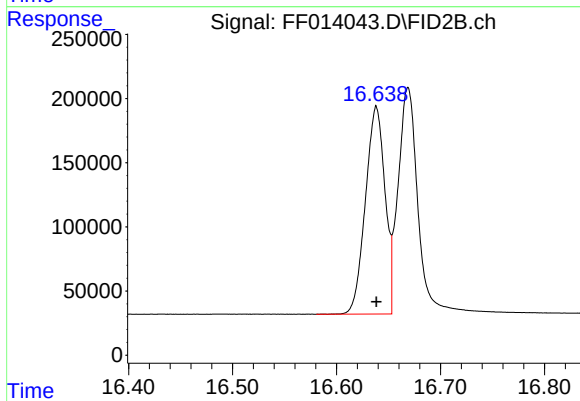
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.081 min
Delta R.T.: 0.000 min
Response: 1974143
Conc: 20.00 ug/ml



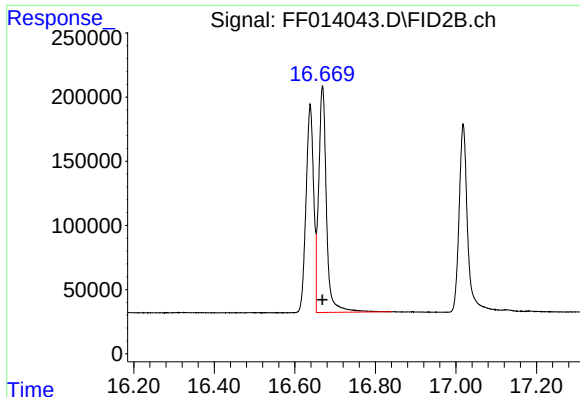
#15 Chrysene (C27.41)

R.T.: 15.123 min
Delta R.T.: 0.000 min
Response: 2463790
Conc: 20.00 ug/ml



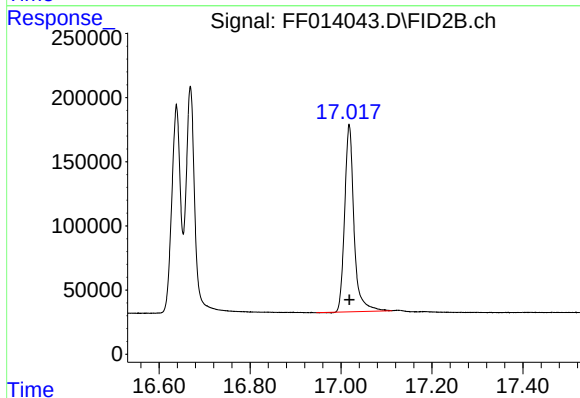
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.638 min
Delta R.T.: 0.000 min
Response: 2109375
Conc: 20.00 ug/ml



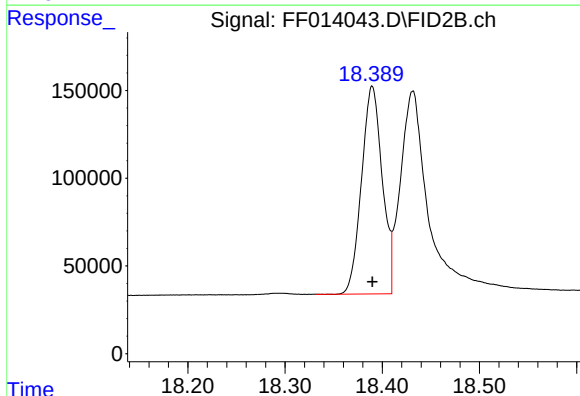
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.669 min
Delta R.T.: 0.000 min
Response: 2381478
Conc: 20.00 ug/ml



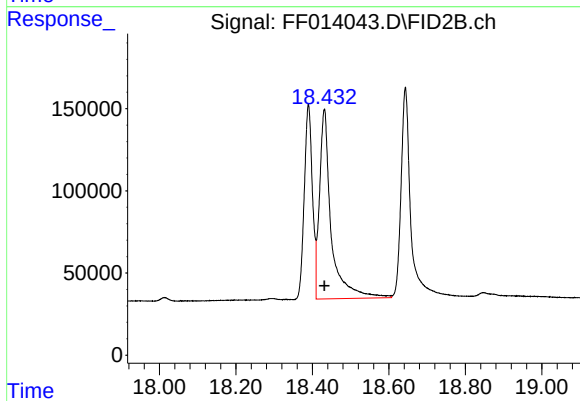
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.018 min
Delta R.T.: 0.000 min
Response: 2082456
Conc: 20.00 ug/ml



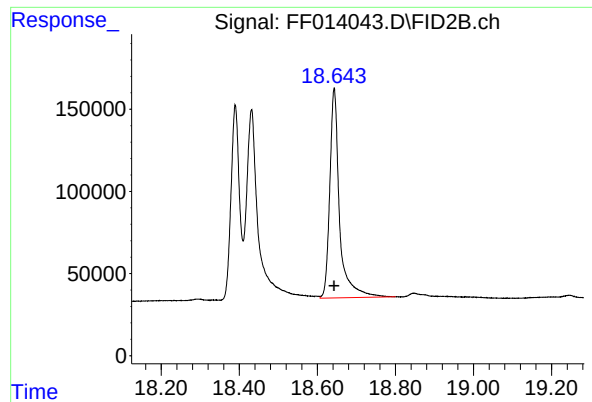
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.390 min
Delta R.T.: 0.000 min
Response: 1753096
Conc: 20.00 ug/ml



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

R.T.: 18.431 min
Delta R.T.: 0.000 min
Response: 2453209
Conc: 20.00 ug/ml



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

R.T.: 18.643 min
Delta R.T.: 0.000 min
Response: 2216818
Conc: 20.00 ug/ml