

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121823AR\
 Data File : FD047055.D
 Signal(s) : FID2B.ch
 Acq On : 18 Dec 2023 10:43
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 11:33:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 11:33:24 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...	7.472	3581024	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.326	2210235	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.364	4160927	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	3918958	20.000 ug/ml
2) T Naphthalene (C11.7)	5.813	3989447	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	3961962	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.129	3588956	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.424	3835936	20.000 ug/ml
8) T Flouorene (C16.55)	9.203	3521803	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.592	3321876	20.000 ug/ml
10) T Anthracene (C19.43)	10.665	2214211	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.395	3244965	20.000 ug/ml
13) T Pyrene (C20.8)	12.689	3156478	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.555	2560390	20.000 ug/ml
15) T Chrysene (C27.41)	14.595	2970686	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.097	2779607	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	2855040	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	2687780	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	2332037	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	2686750	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.081	2750987	20.000 ug/ml

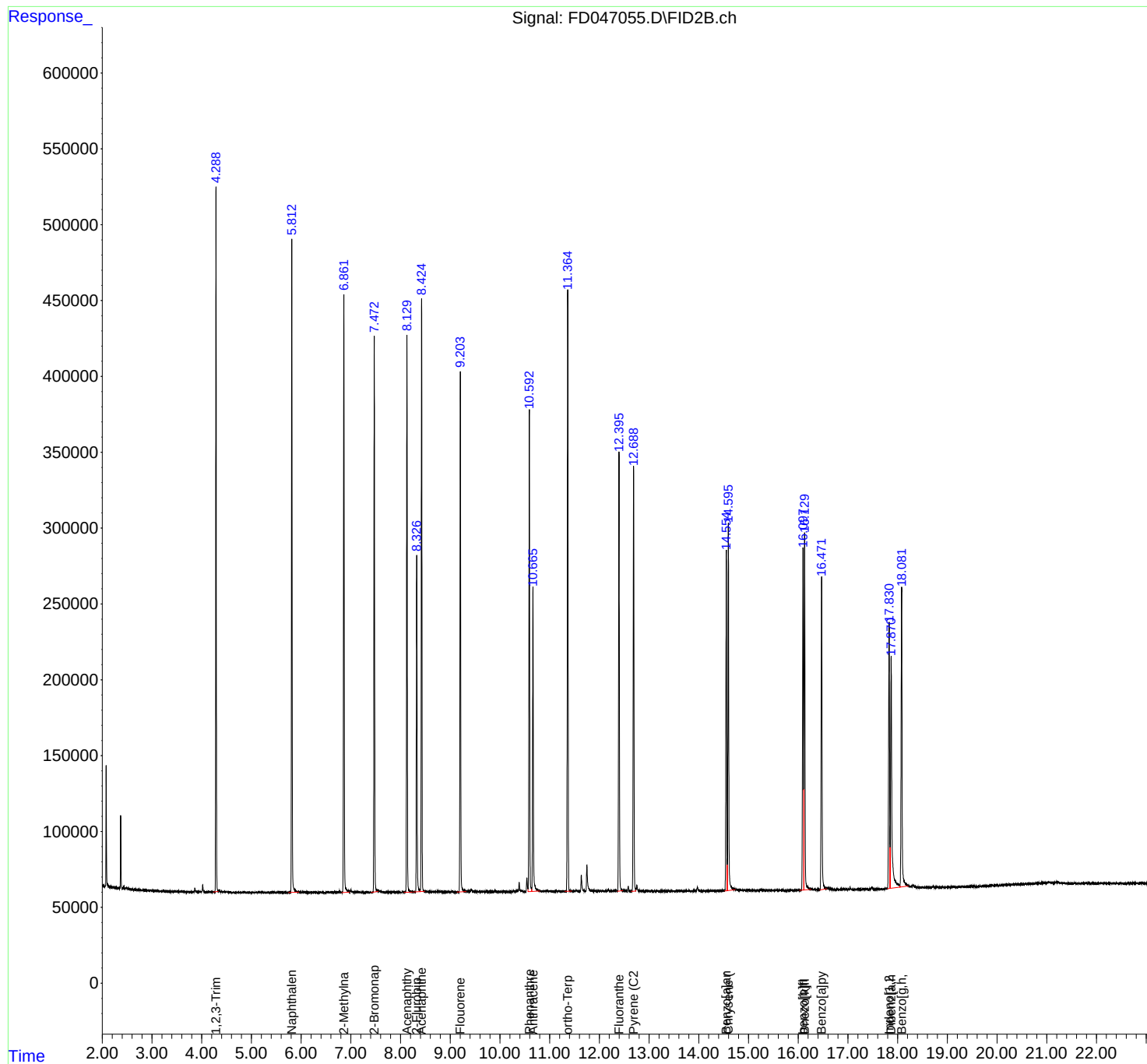
(f)=RT Delta > 1/2 Window

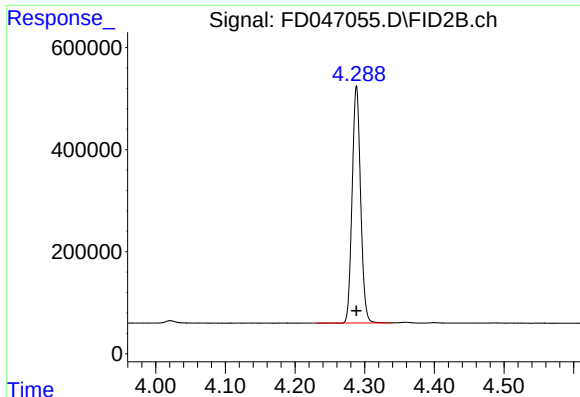
(m)=manual int.

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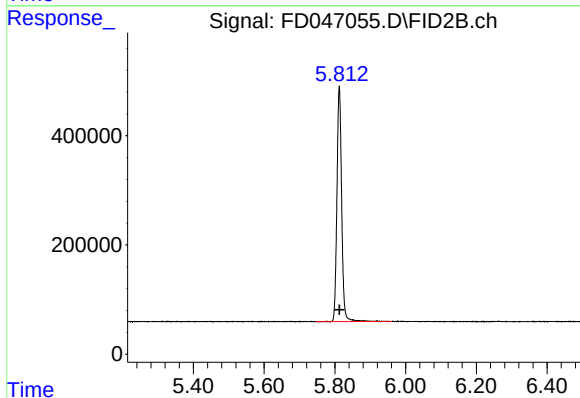
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





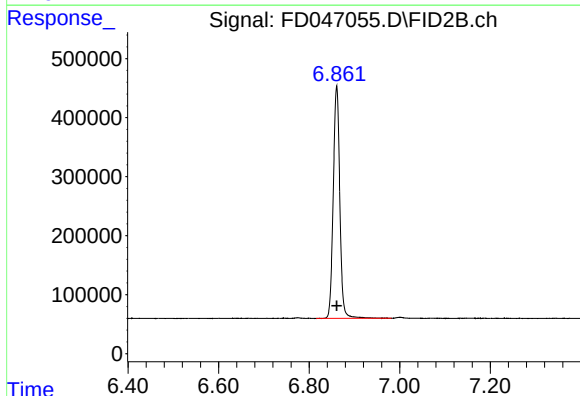
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 3918958
Conc: 20.00 ug/ml



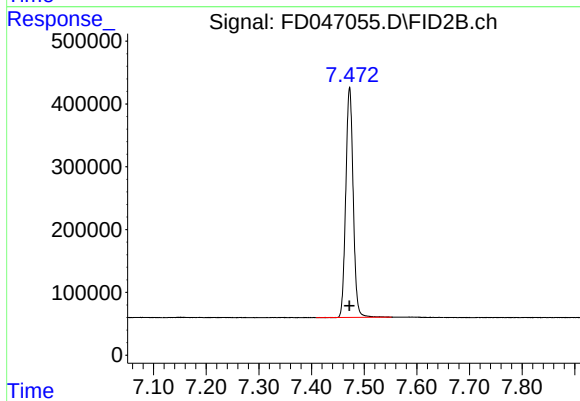
#2 Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 3989447
Conc: 20.00 ug/ml



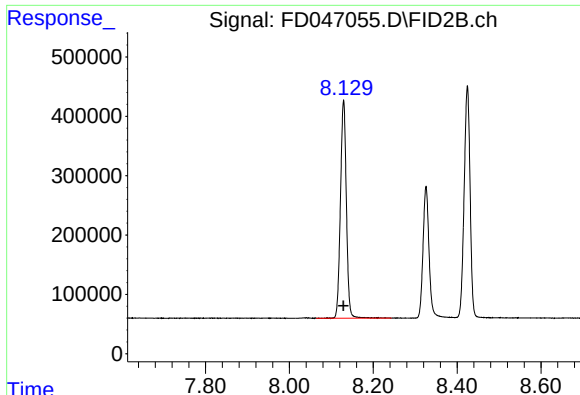
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 3961962
Conc: 20.00 ug/ml



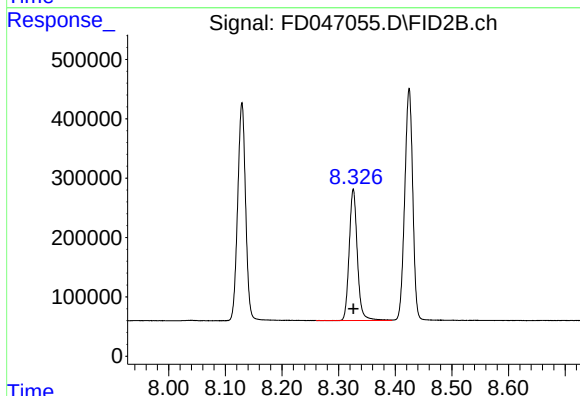
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 3581024
Conc: 20.00 ug/ml



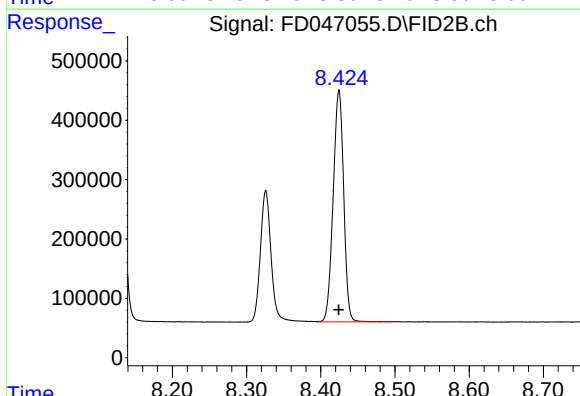
#5 Acenaphthylene (C15.06)

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 3588956
Conc: 20.00 ug/ml



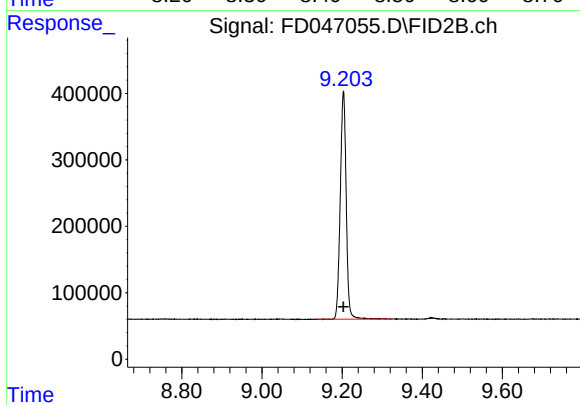
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 2210235
Conc: 20.00 ug/ml



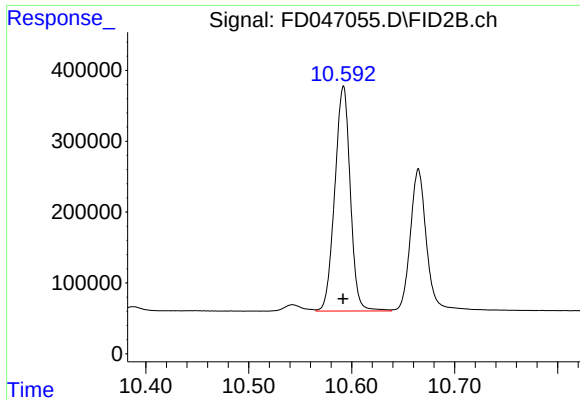
#7 Acenaphthene (C15.5)

R.T.: 8.424 min
Delta R.T.: 0.000 min
Response: 3835936
Conc: 20.00 ug/ml



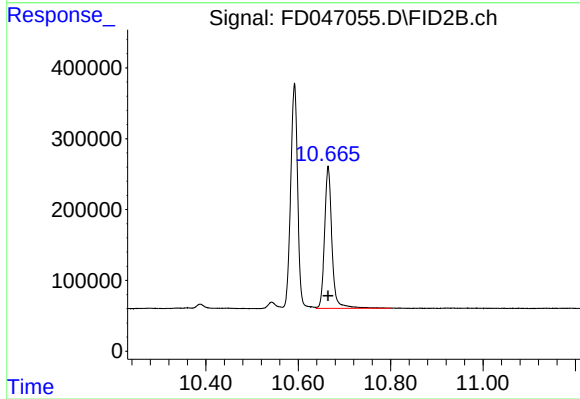
#8 Flouorene (C16.55)

R.T.: 9.203 min
Delta R.T.: 0.000 min
Response: 3521803
Conc: 20.00 ug/ml



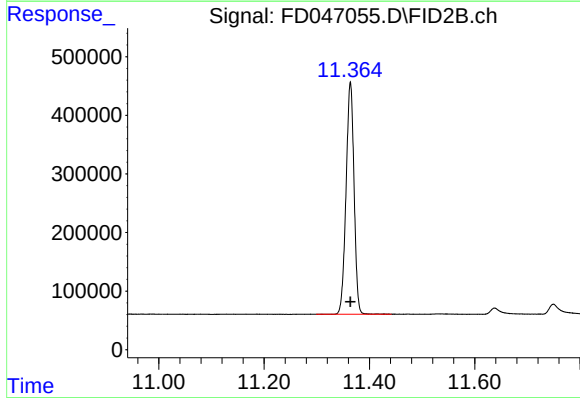
#9 Phenanthrene (C19.36)

R.T.: 10.592 min
Delta R.T.: 0.000 min
Response: 3321876
Conc: 20.00 ug/ml



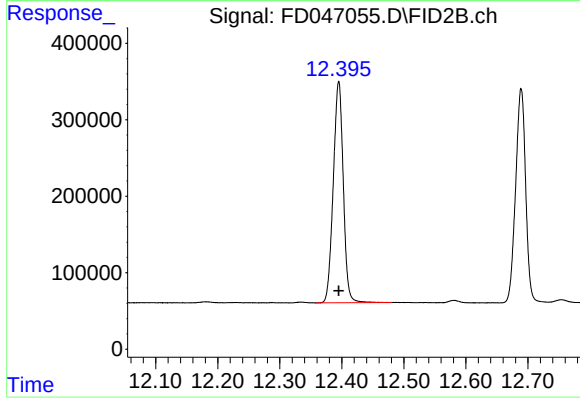
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: 0.000 min
Response: 2214211
Conc: 20.00 ug/ml



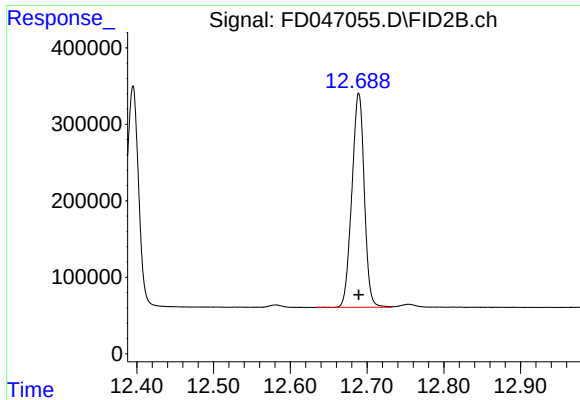
#11 ortho-Terphenyl (SURR)

R.T.: 11.364 min
Delta R.T.: 0.000 min
Response: 4160927
Conc: 20.00 ug/ml



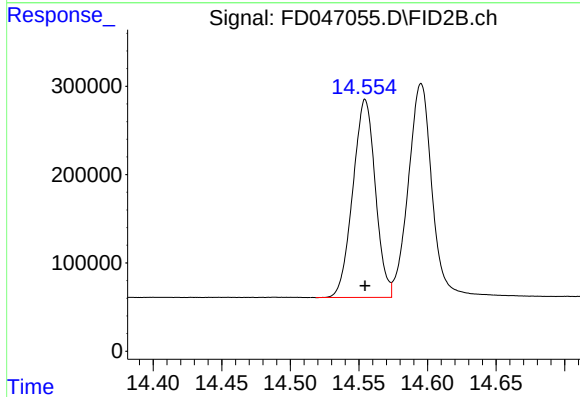
#12 Fluoranthene (C21.85)

R.T.: 12.395 min
Delta R.T.: 0.000 min
Response: 3244965
Conc: 20.00 ug/ml



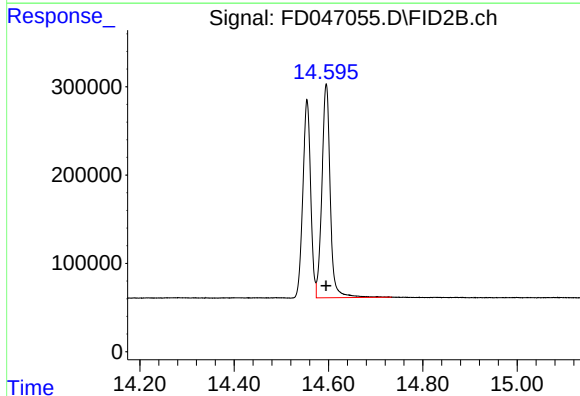
#13 Pyrene (C20.8)

R.T.: 12.689 min
Delta R.T.: 0.000 min
Response: 3156478
Conc: 20.00 ug/ml



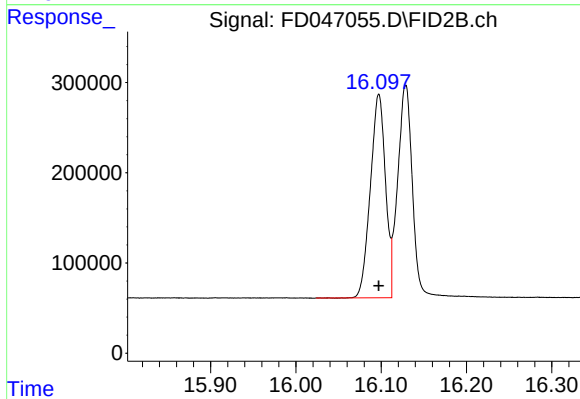
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.555 min
Delta R.T.: 0.000 min
Response: 2560390
Conc: 20.00 ug/ml



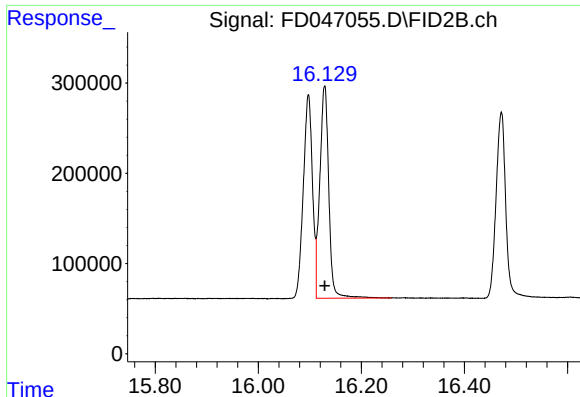
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.000 min
Response: 2970686
Conc: 20.00 ug/ml



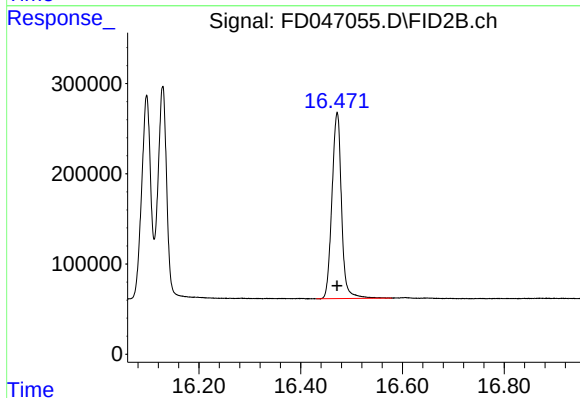
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.097 min
Delta R.T.: 0.000 min
Response: 2779607
Conc: 20.00 ug/ml



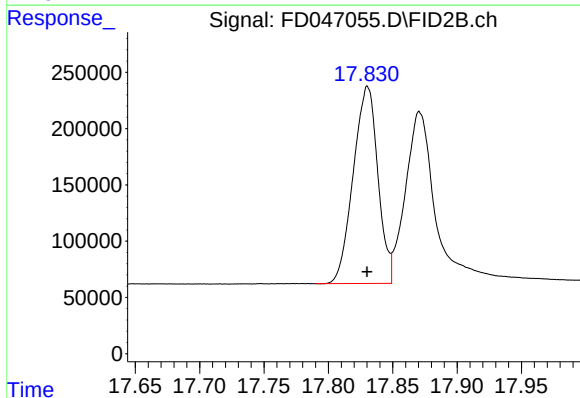
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.129 min
Delta R.T.: 0.000 min
Response: 2855040
Conc: 20.00 ug/ml



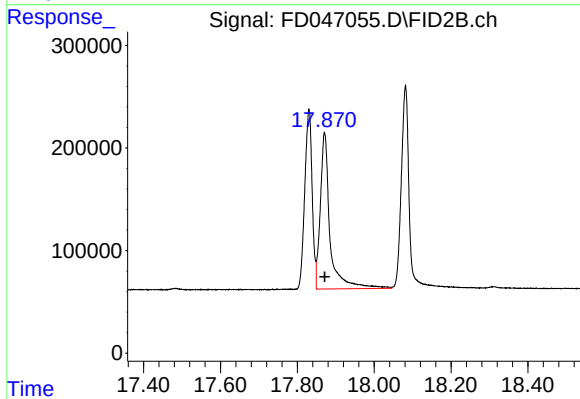
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min
Delta R.T.: 0.000 min
Response: 2687780
Conc: 20.00 ug/ml



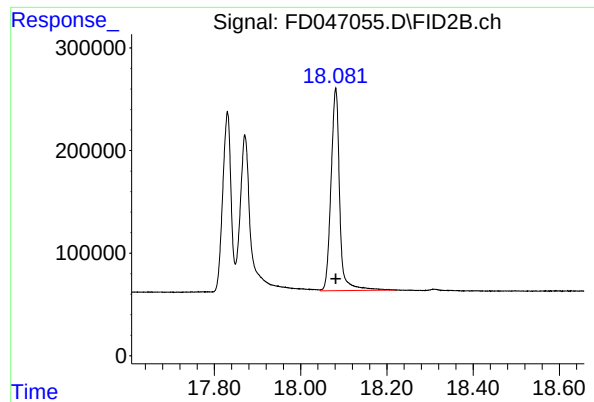
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min
Delta R.T.: 0.000 min
Response: 2332037
Conc: 20.00 ug/ml



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

R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 2686750
Conc: 20.00 ug/ml



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

R.T.: 18.081 min
Delta R.T.: 0.000 min
Response: 2750987
Conc: 20.00 ug/ml