

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021924AR\
 Data File : FE046854.D
 Signal(s) : FID1B.ch
 Acq On : 19 Feb 2024 13:08
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 19 14:24:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aromatic EPH 021924.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 19 14:12:55 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...	7.866	6322206	50.409 ug/ml
Spiked Amount 50.000		Recovery =	100.82%
6) S 2-Fluorobiphenyl (SURR)	8.742	3718894	52.314 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.63%
11) S ortho-Terphenyl (SURR)	11.796	7789841	49.681 ug/ml
Spiked Amount 50.000		Recovery =	99.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.471	6692665	49.568 ug/ml
2) T Naphthalene (C11.7)	6.142	6810299	50.953 ug/ml
3) T 2-Methylnaphthalene (...)	7.239	6837810	50.306 ug/ml
5) T Acenaphthylene (C15.06)	8.537	6610704	50.183 ug/ml
7) T Acenaphthene (C15.5)	8.835	7669776	49.284 ug/ml
8) T Flouorene (C16.55)	9.629	6642571	49.821 ug/ml
9) T Phenanthrene (C19.36)	11.038	6034635	50.853 ug/ml
10) T Anthracene (C19.43)	11.120	5916283	49.399 ug/ml
12) T Fluoranthene (C21.85)	12.863	6682167	50.805 ug/ml
13) T Pyrene (C20.8)	13.163	6721425	50.704 ug/ml
14) T Benzo[a]anthracene (C...	15.052	4109601	50.597 ug/ml
15) T Chrysene (C27.41)	15.096	8360637	50.396 ug/ml
16) T benzo[b]fluoranthene ...	16.625	3220757	25.247 ug/ml
17) T Bnezo[k]fluoranthene ...	16.651	9944974	44.676 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.022	6510220	50.575 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.429	13380451	132.520 ug/ml
20) T Dibenz[a,h]anthracene...	18.429	13380451	78.677 ug/ml
21) T Benzo[g,h,i]perylene ...	18.665	7045758	49.638 ug/ml

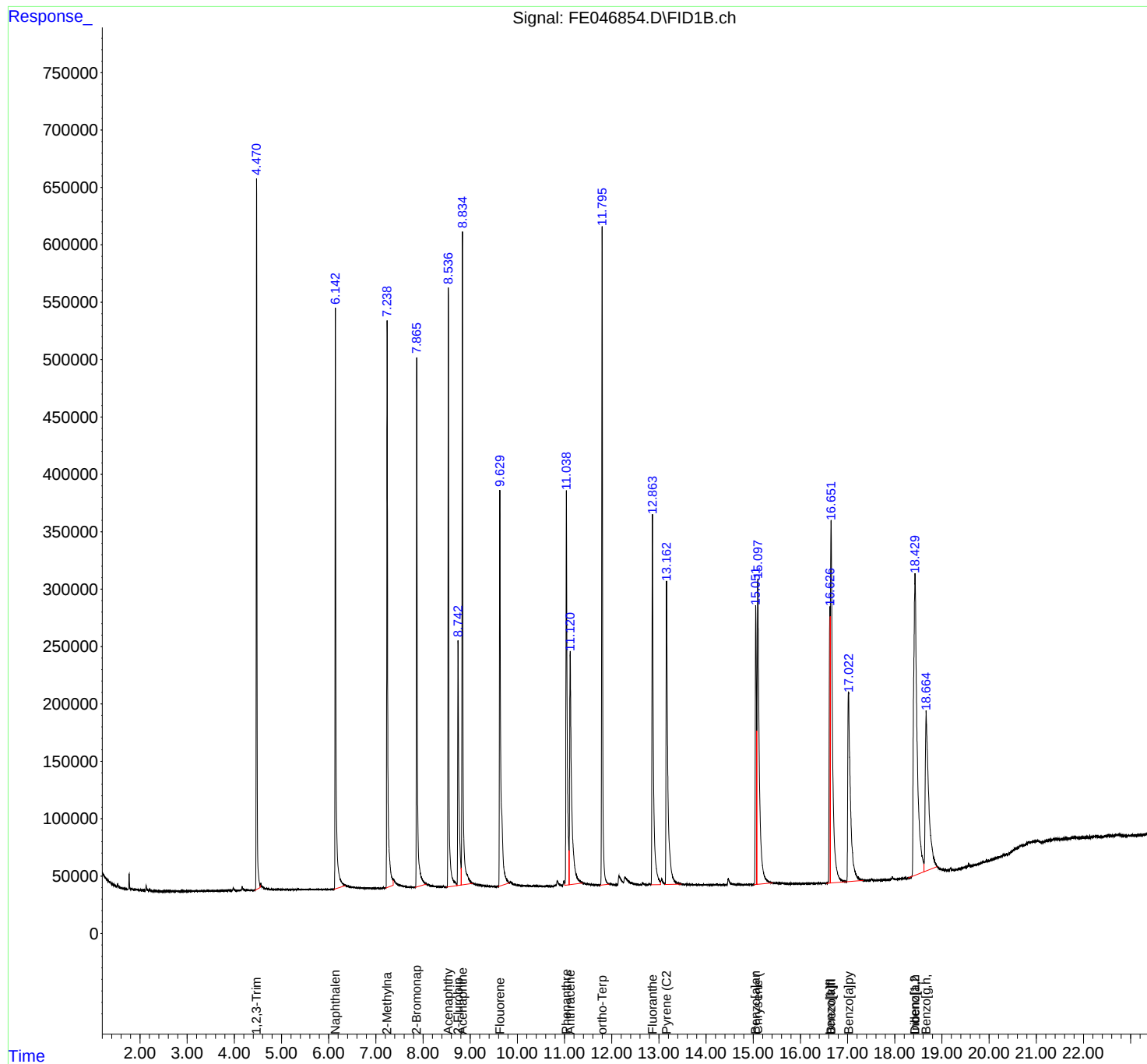
(f)=RT Delta > 1/2 Window

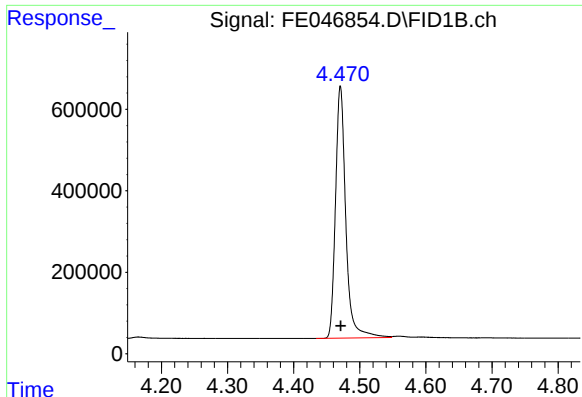
(m)=manual int.

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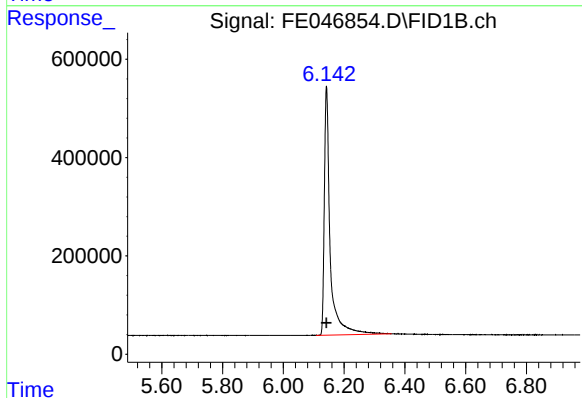
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Signal Info : 20M x 0.18mm x 0.18µm





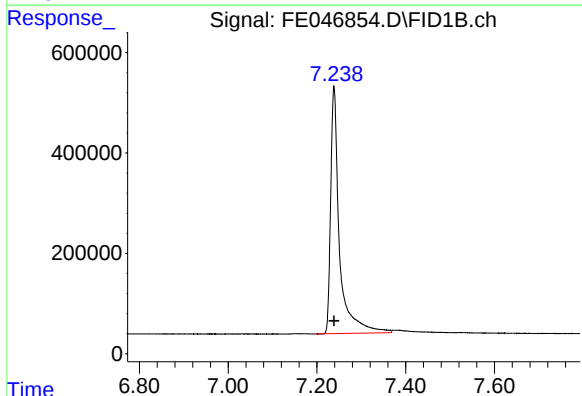
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 6692665
Conc: 49.57 ug/ml



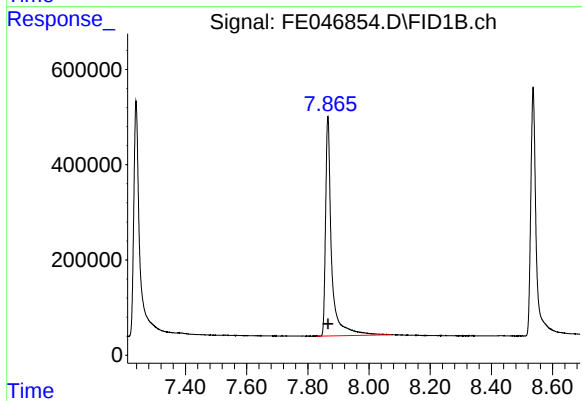
#2 Naphthalene (C11.7)

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 6810299
Conc: 50.95 ug/ml



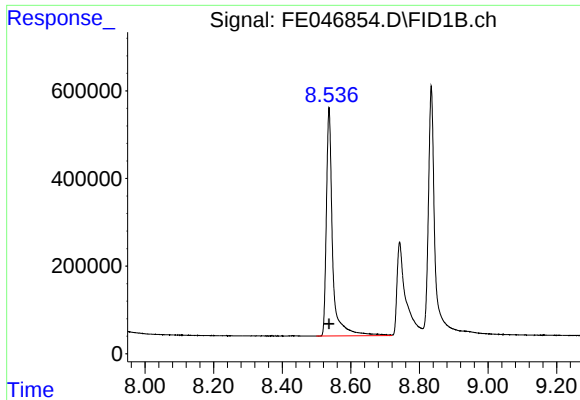
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.239 min
Delta R.T.: 0.000 min
Response: 6837810
Conc: 50.31 ug/ml



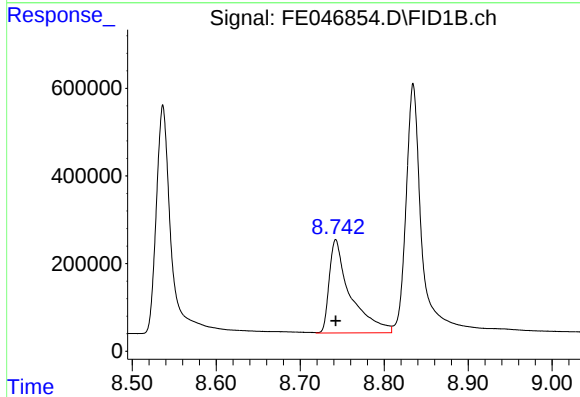
#4 2-Bromonaphthalene (SURR)

R.T.: 7.866 min
Delta R.T.: 0.000 min
Response: 6322206
Conc: 50.41 ug/ml



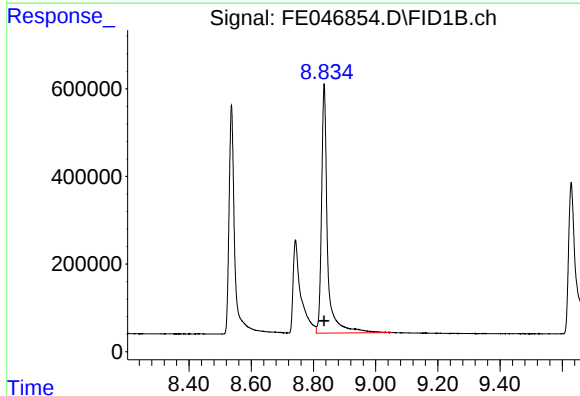
#5 Acenaphthylene (C15.06)

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 6610704
Conc: 50.18 ug/ml



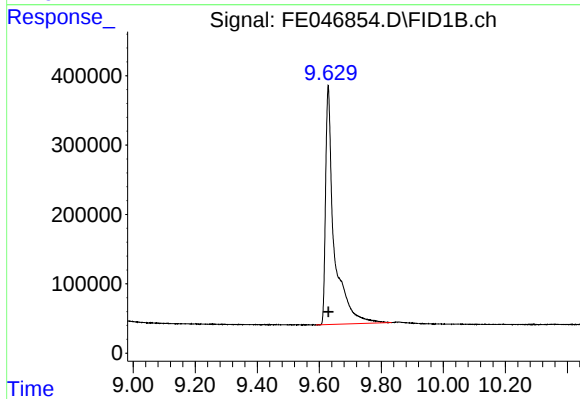
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.742 min
Delta R.T.: 0.000 min
Response: 3718894
Conc: 52.31 ug/ml



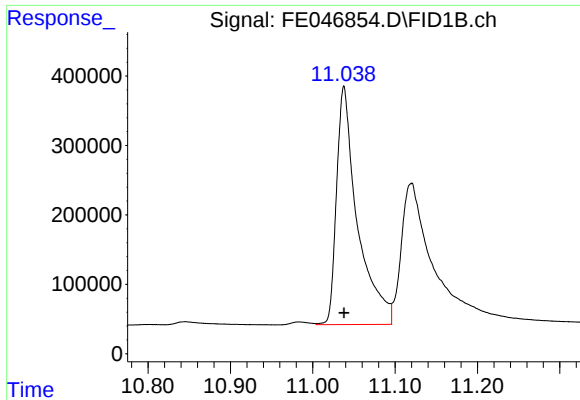
#7 Acenaphthene (C15.5)

R.T.: 8.835 min
Delta R.T.: 0.000 min
Response: 7669776
Conc: 49.28 ug/ml



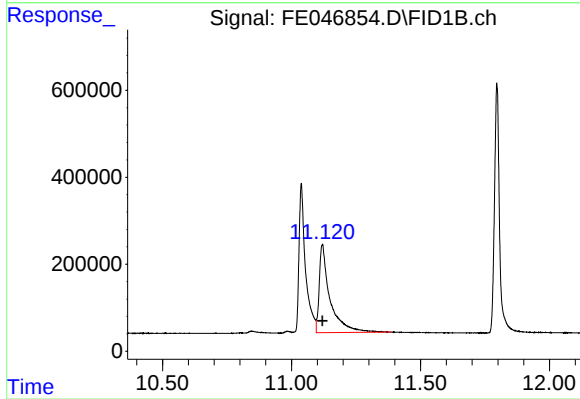
#8 Fluorene (C16.55)

R.T.: 9.629 min
Delta R.T.: 0.000 min
Response: 6642571
Conc: 49.82 ug/ml



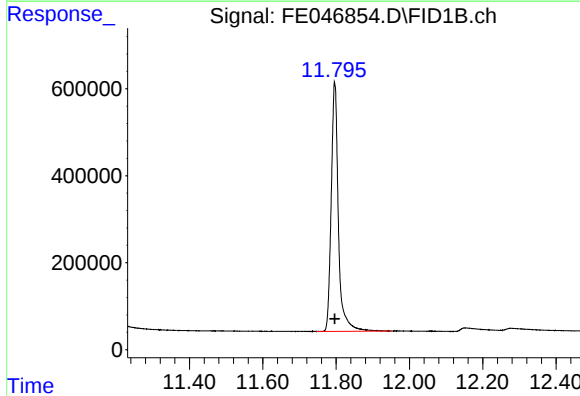
#9 Phenanthrene (C19.36)

R.T.: 11.038 min
Delta R.T.: 0.000 min
Response: 6034635
Conc: 50.85 ug/ml



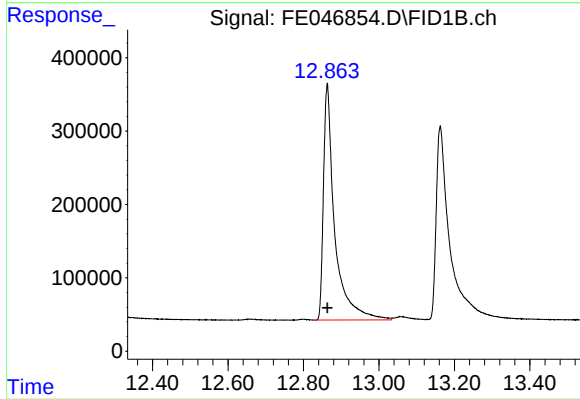
#10 Anthracene (C19.43)

R.T.: 11.120 min
Delta R.T.: 0.000 min
Response: 5916283
Conc: 49.40 ug/ml



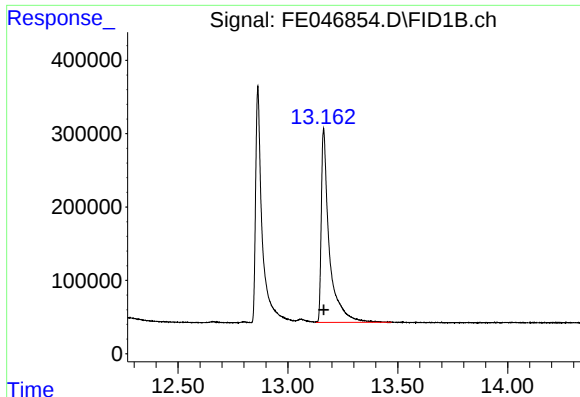
#11 ortho-Terphenyl (SURR)

R.T.: 11.796 min
Delta R.T.: 0.000 min
Response: 7789841
Conc: 49.68 ug/ml



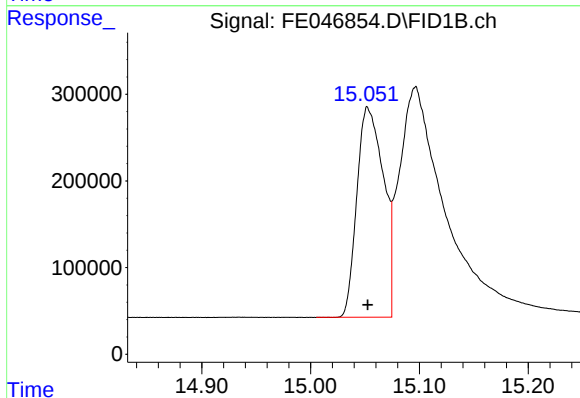
#12 Fluoranthene (C21.85)

R.T.: 12.863 min
Delta R.T.: 0.000 min
Response: 6682167
Conc: 50.81 ug/ml



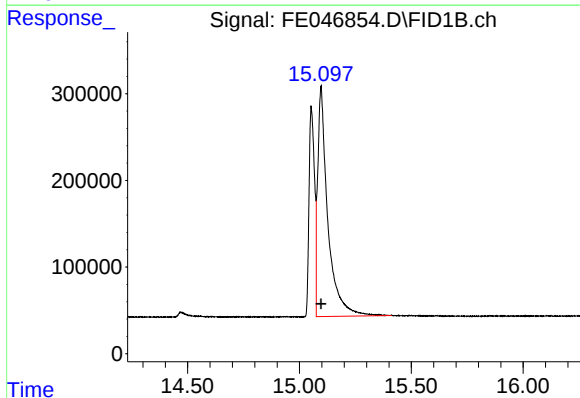
#13 Pyrene (C20.8)

R.T.: 13.163 min
Delta R.T.: 0.000 min
Response: 6721425
Conc: 50.70 ug/ml



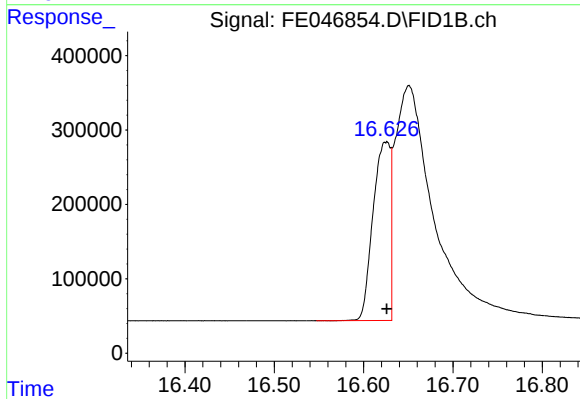
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.052 min
Delta R.T.: 0.000 min
Response: 4109601
Conc: 50.60 ug/ml



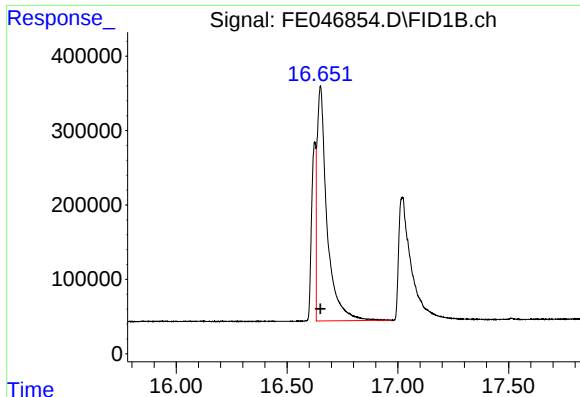
#15 Chrysene (C27.41)

R.T.: 15.096 min
Delta R.T.: 0.000 min
Response: 8360637
Conc: 50.40 ug/ml



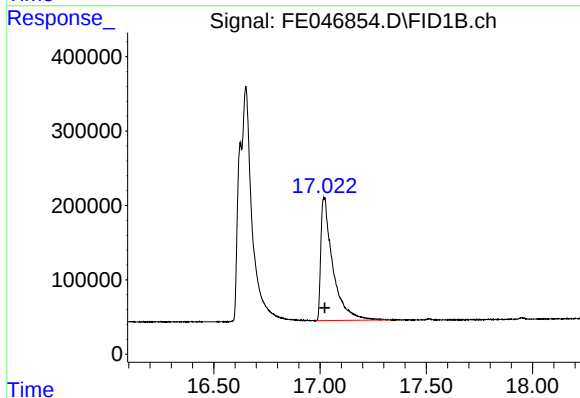
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.625 min
Delta R.T.: 0.000 min
Response: 3220757
Conc: 25.25 ug/ml



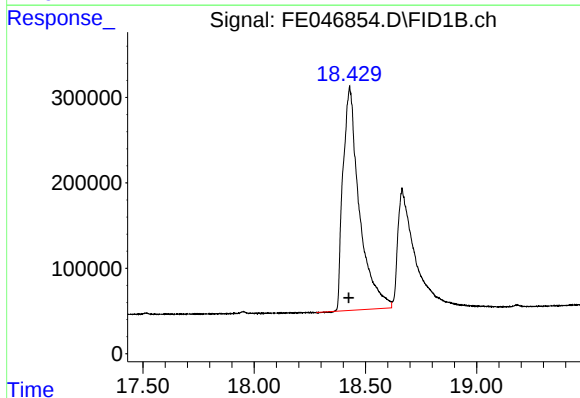
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.651 min
Delta R.T.: 0.000 min
Response: 9944974
Conc: 44.68 ug/ml



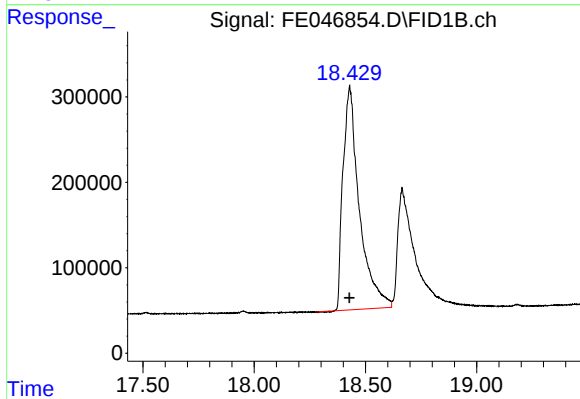
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.022 min
Delta R.T.: 0.000 min
Response: 6510220
Conc: 50.57 ug/ml



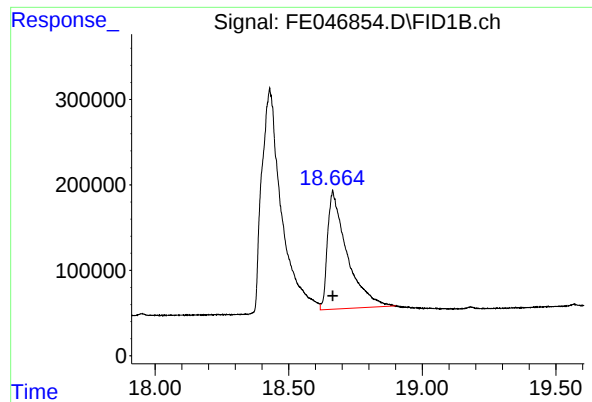
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.429 min
Delta R.T.: 0.004 min
Response: 13380451
Conc: 132.52 ug/ml



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

R.T.: 18.429 min
Delta R.T.: 0.000 min
Response: 13380451
Conc: 78.68 ug/ml



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

R.T.: 18.665 min
Delta R.T.: 0.000 min
Response: 7045758
Conc: 49.64 ug/ml