

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014048.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 12:52
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 20 13:09:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:40:50 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	2264388	19.467 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
6) S 2-Fluorobiphenyl (SURR)	8.793	1439074	19.570 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.14%
11) S ortho-Terphenyl (SURR)	11.854	2828685	18.959 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	2372533	18.944 ug/ml
2) T Naphthalene (C11.7)	6.201	2424762	19.229 ug/ml
3) T 2-Methylnaphthalene (...)	7.295	2449224	19.295 ug/ml
5) T Acenaphthylene (C15.06)	8.592	2315334	19.162 ug/ml
7) T Acenaphthene (C15.5)	8.892	2568143	19.302 ug/ml
8) T Flouorene (C16.55)	9.680	2389958	19.162 ug/ml
9) T Phenanthrene (C19.36)	11.083	2291831	19.081 ug/ml
10) T Anthracene (C19.43)	11.158	2061415	19.655 ug/ml
12) T Fluoranthene (C21.85)	12.902	2406044	18.924 ug/ml
13) T Pyrene (C20.8)	13.200	2290946	18.587 ug/ml
14) T Benzo[a]anthracene (C...	15.080	1877570	18.878 ug/ml
15) T Chrysene (C27.41)	15.121	2361698	18.174 ug/ml
16) T benzo[b]fluoranthene ...	16.637	2024320	18.849 ug/ml
17) T Bnezo[k]fluoranthene ...	16.669	2293927	18.164 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.017	2007007	18.198 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.389	1694214	18.494 ug/ml
20) T Dibenz[a,h]anthracene...	18.430	2267513	17.557 ug/ml
21) T Benzo[g,h,i]perylene ...	18.641	2197687	18.873 ug/ml

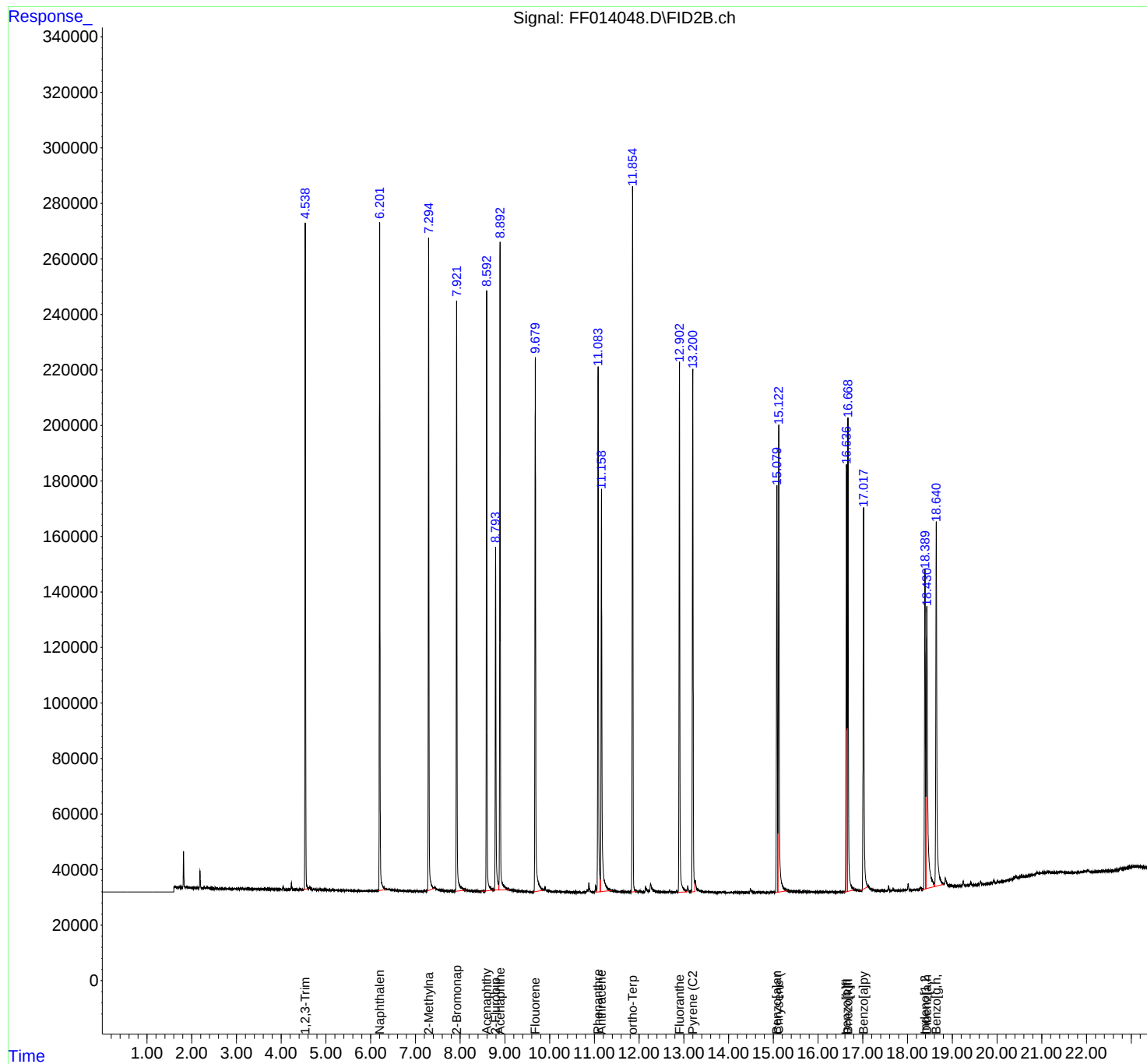
(f)=RT Delta > 1/2 Window

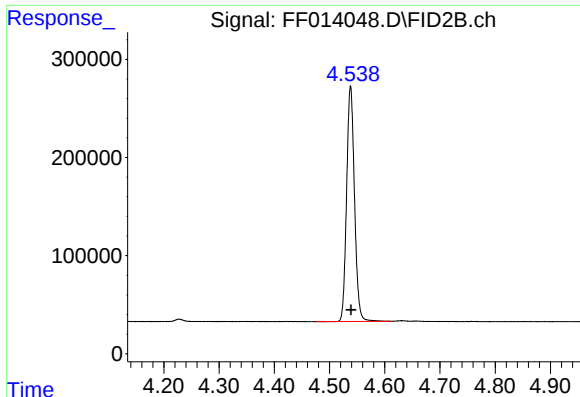
(m)=manual int.

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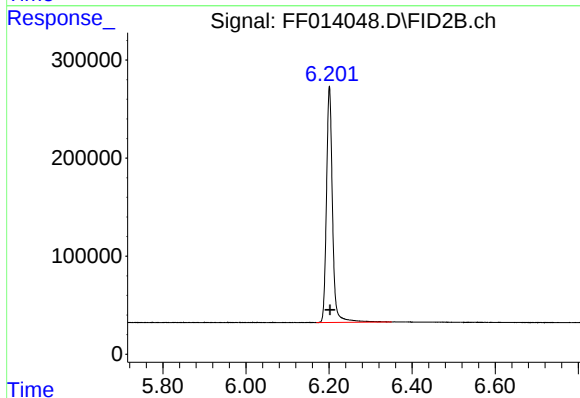
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Signal Info : 20M x 0.18mm x 0.18µm





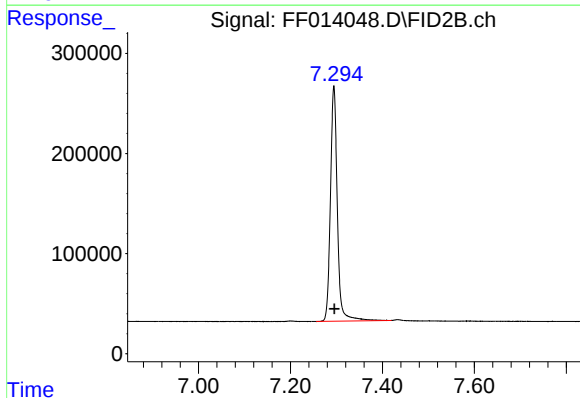
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 2372533
Conc: 18.94 ug/ml



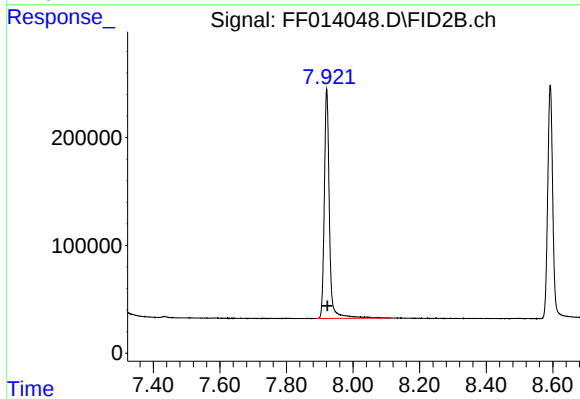
#2 Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 2424762
Conc: 19.23 ug/ml



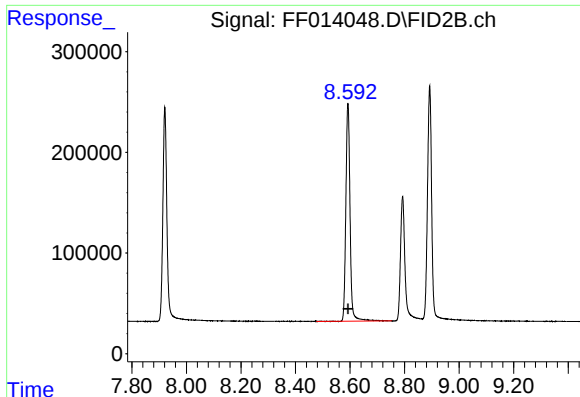
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.295 min
Delta R.T.: -0.001 min
Response: 2449224
Conc: 19.30 ug/ml



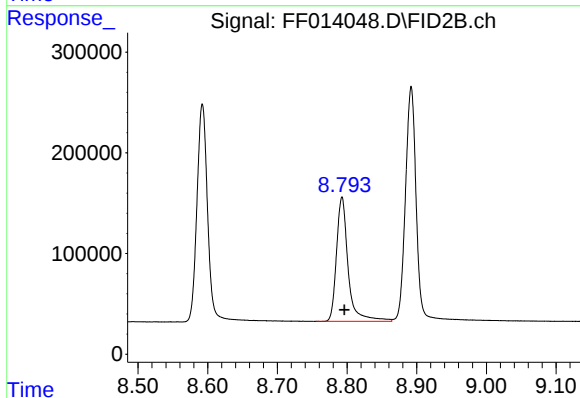
#4 2-Bromonaphthalene (SURR)

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 2264388
Conc: 19.47 ug/ml



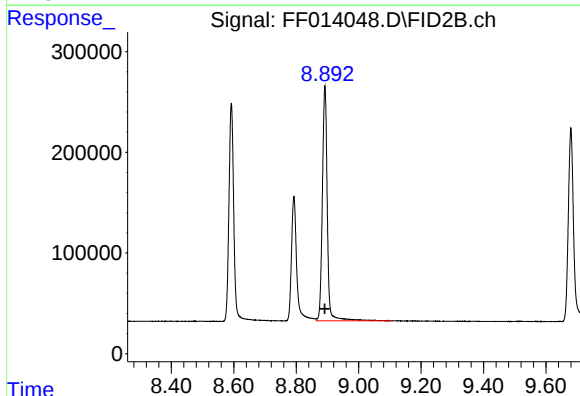
#5 Acenaphthylene (C15.06)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 2315334
Conc: 19.16 ug/ml



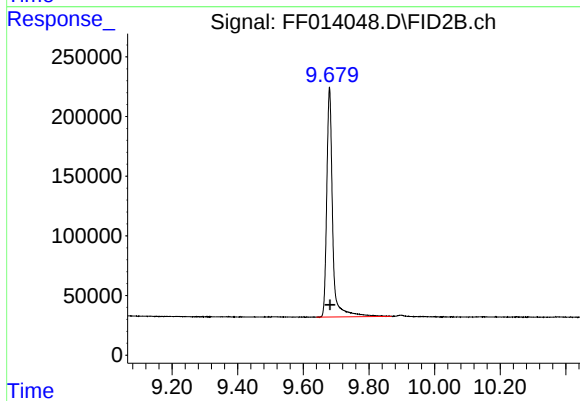
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.793 min
Delta R.T.: -0.003 min
Response: 1439074
Conc: 19.57 ug/ml



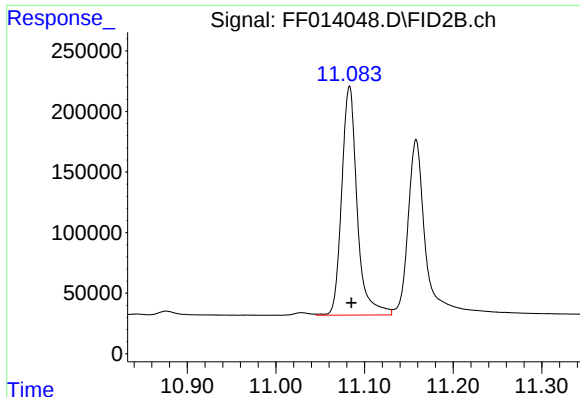
#7 Acenaphthene (C15.5)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 2568143
Conc: 19.30 ug/ml



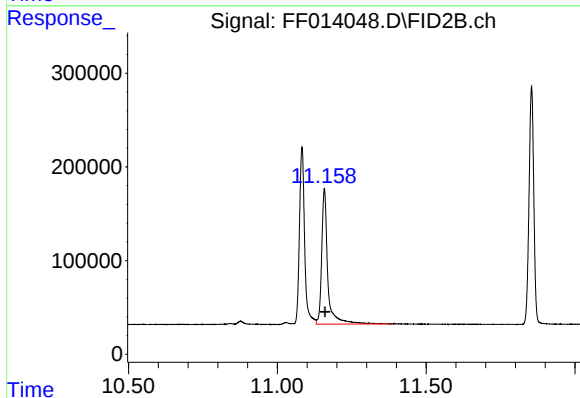
#8 Flouorene (C16.55)

R.T.: 9.680 min
Delta R.T.: -0.002 min
Response: 2389958
Conc: 19.16 ug/ml



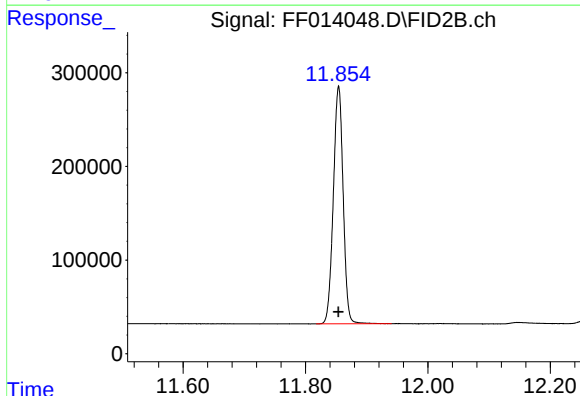
#9 Phenanthrene (C19.36)

R.T.: 11.083 min
Delta R.T.: -0.002 min
Response: 2291831
Conc: 19.08 ug/ml



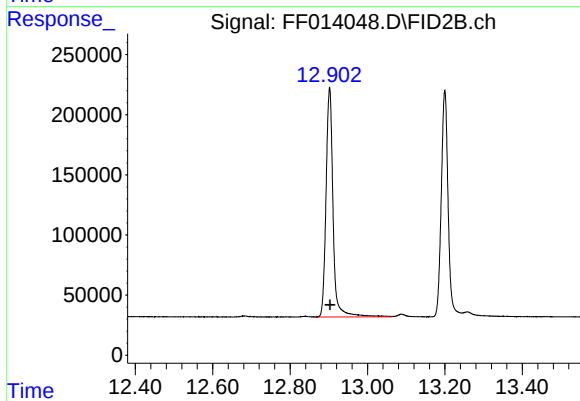
#10 Anthracene (C19.43)

R.T.: 11.158 min
Delta R.T.: -0.003 min
Response: 2061415
Conc: 19.65 ug/ml



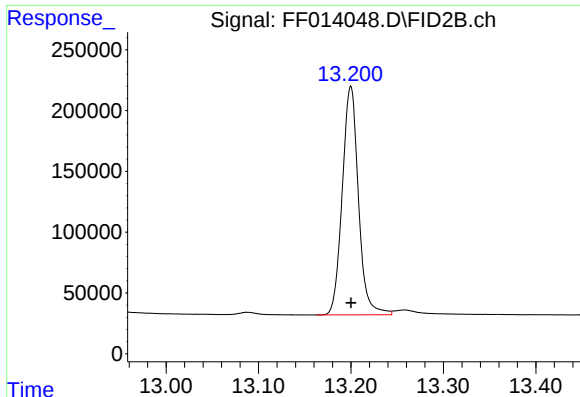
#11 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: 0.000 min
Response: 2828685
Conc: 18.96 ug/ml



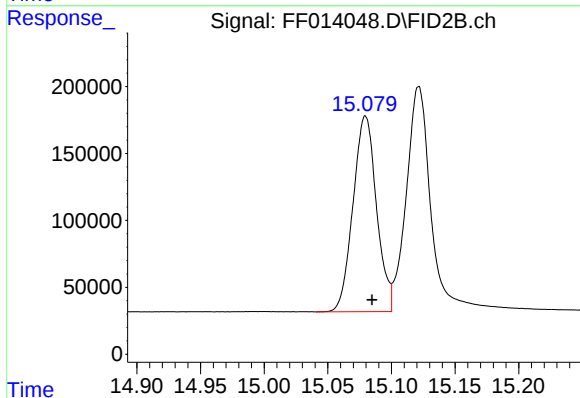
#12 Fluoranthene (C21.85)

R.T.: 12.902 min
Delta R.T.: -0.001 min
Response: 2406044
Conc: 18.92 ug/ml



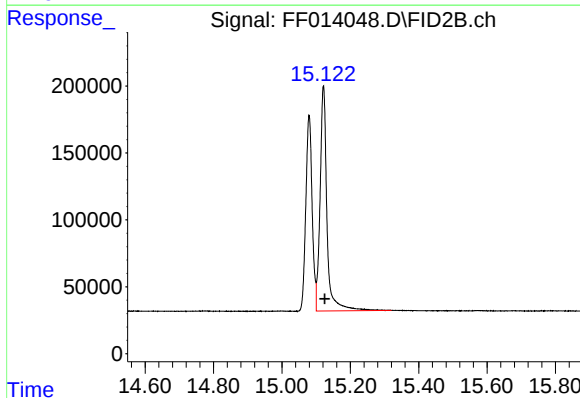
#13 Pyrene (C20.8)

R.T.: 13.200 min
Delta R.T.: 0.000 min
Response: 2290946
Conc: 18.59 ug/ml



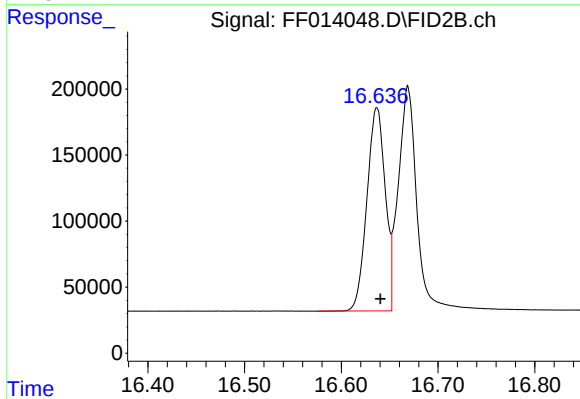
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.080 min
Delta R.T.: -0.005 min
Response: 1877570
Conc: 18.88 ug/ml



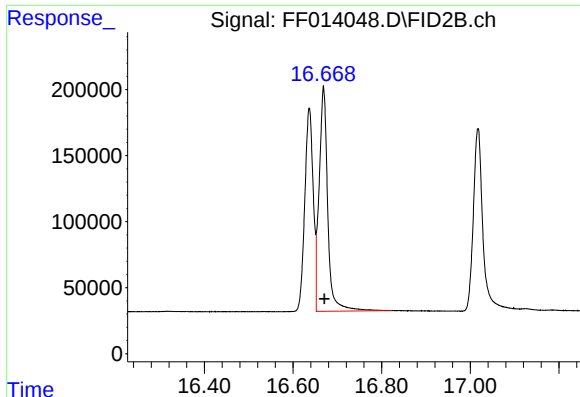
#15 Chrysene (C27.41)

R.T.: 15.121 min
Delta R.T.: -0.004 min
Response: 2361698
Conc: 18.17 ug/ml



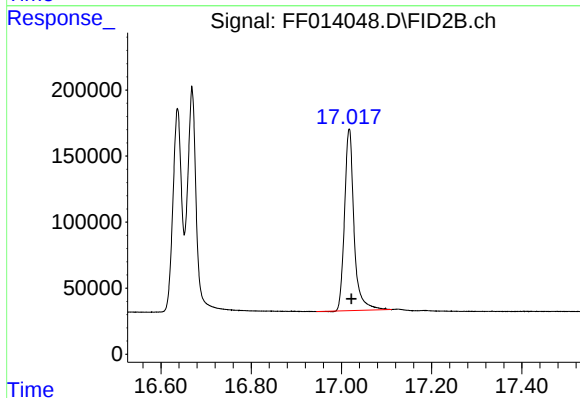
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.637 min
Delta R.T.: -0.004 min
Response: 2024320
Conc: 18.85 ug/ml



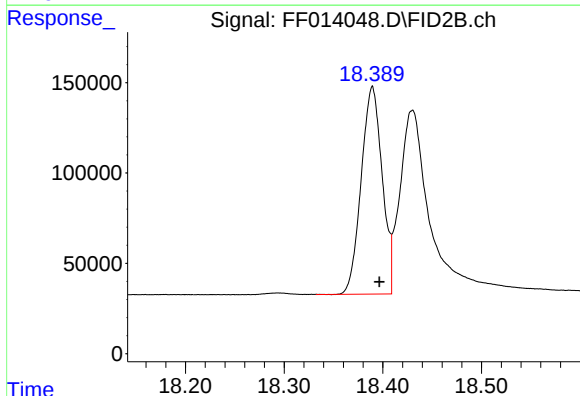
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.669 min
Delta R.T.: -0.002 min
Response: 2293927
Conc: 18.16 ug/ml



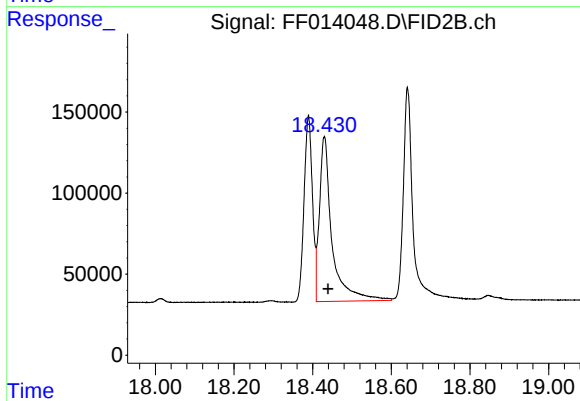
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.017 min
Delta R.T.: -0.005 min
Response: 2007007
Conc: 18.20 ug/ml



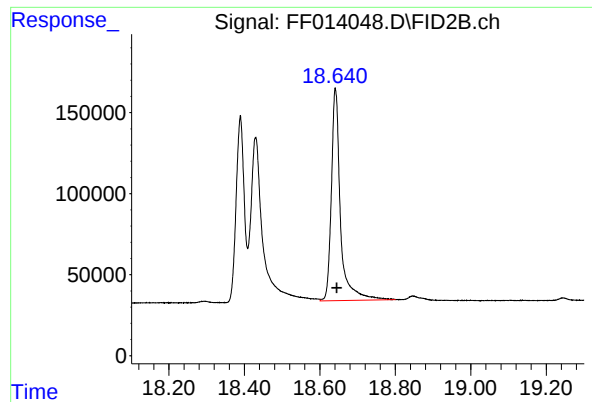
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.389 min
Delta R.T.: -0.007 min
Response: 1694214
Conc: 18.49 ug/ml



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

R.T.: 18.430 min
Delta R.T.: -0.009 min
Response: 2267513
Conc: 17.56 ug/ml



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

R.T.: 18.641 min
Delta R.T.: -0.003 min
Response: 2197687
Conc: 18.87 ug/ml