

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AR\
 Data File : FF015187.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 09:40
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 13:05:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:01:57 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...	7.996	12581881	96.917 ug/ml
Spiked Amount 50.000		Recovery =	193.83%
6) S 2-Fluorobiphenyl (SURR)	8.870	8587122	96.661 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	193.32%#
11) S ortho-Terphenyl (SURR)	11.930	14011839	96.530 ug/ml
Spiked Amount 50.000		Recovery =	193.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	13660075	96.763 ug/ml
2) T Naphthalene (C11.7)	6.276	14206236	96.916 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	13913535	96.961 ug/ml
5) T Acenaphthylene (C15.06)	8.672	14185167	96.705 ug/ml
7) T Acenaphthene (C15.5)	8.971	13825349	96.793 ug/ml
8) T Fluorene (C16.55)	9.759	14098445	96.940 ug/ml
9) T Phenanthrene (C19.36)	11.163	13749701	96.904 ug/ml
10) T Anthracene (C19.43)	11.240	13490907	96.901 ug/ml
12) T Fluoranthene (C21.85)	12.984	13818962	96.991 ug/ml
13) T Pyrene (C20.8)	13.282	13750439	96.928 ug/ml
14) T Benzo[a]anthracene (C...	15.158	13324166	97.338 ug/ml
15) T Chrysene (C27.41)	15.207	13206547	96.999 ug/ml
16) T benzo[b]fluoranthene ...	16.717	13128240	97.777 ug/ml
17) T Bnezo[k]fluoranthene ...	16.755	12801185	97.722 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.099	12337598	97.169 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.469	11943472	99.445 ug/ml
20) T Dibenz[a,h]anthracene...	18.509	11649483	95.183 ug/ml
21) T Benzo[g,h,i]perylene ...	18.731	12106473	96.938 ug/ml

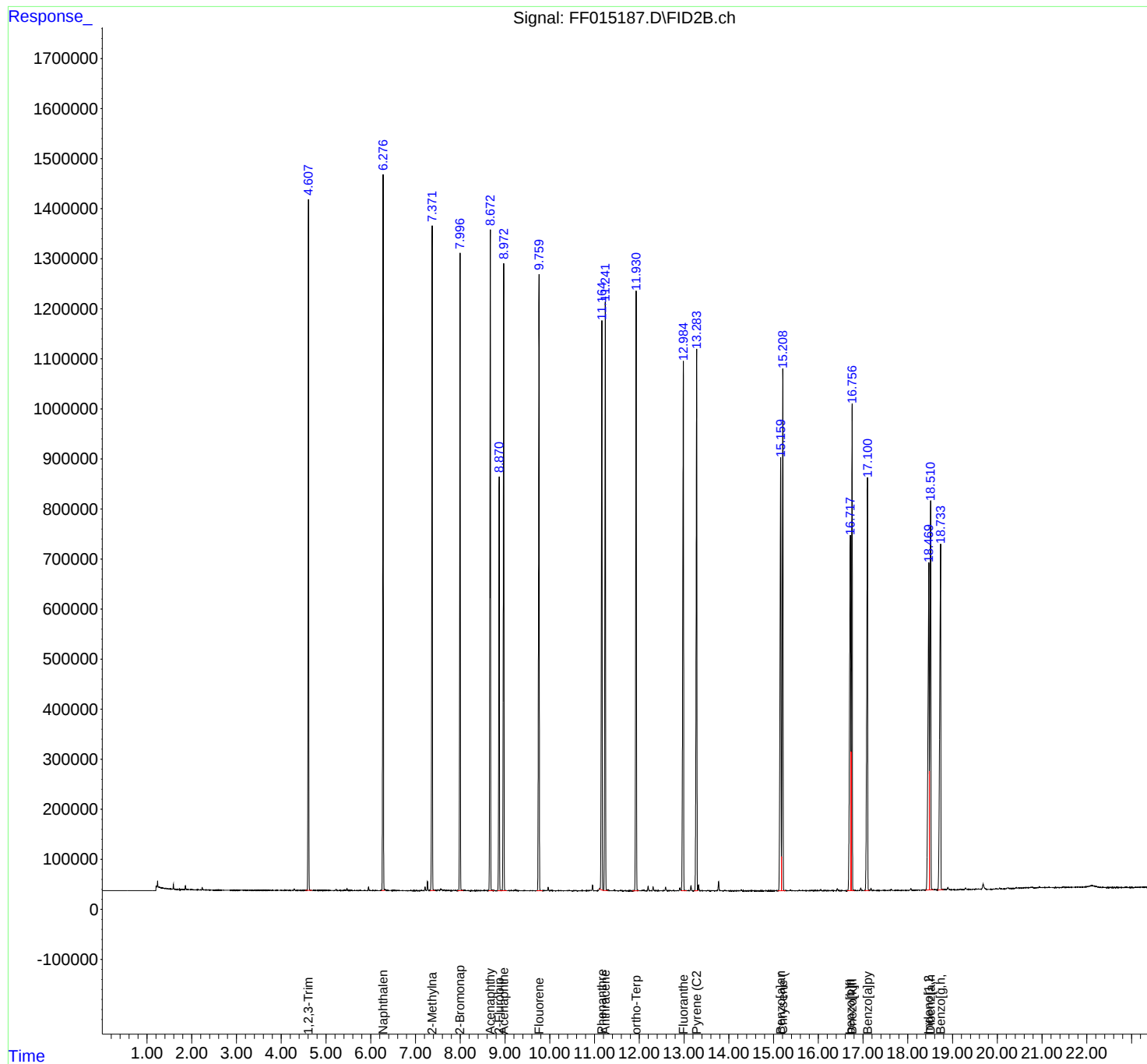
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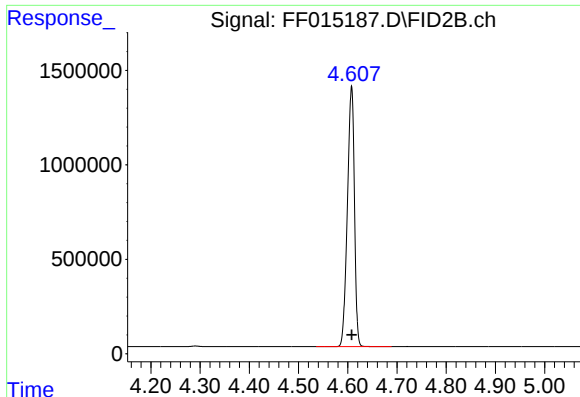
(m)=manual int.

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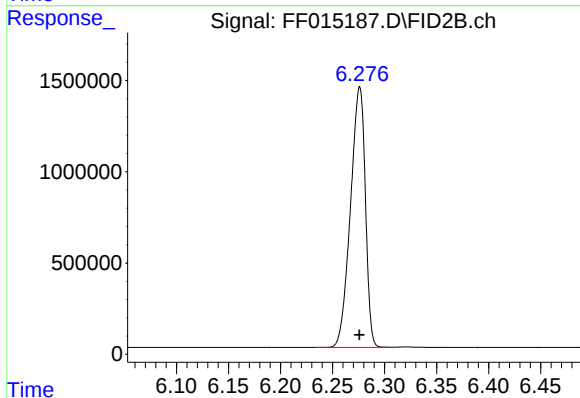
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





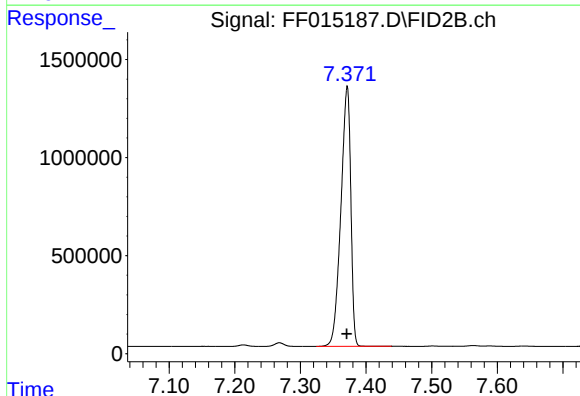
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 13660075
Conc: 96.76 ug/ml



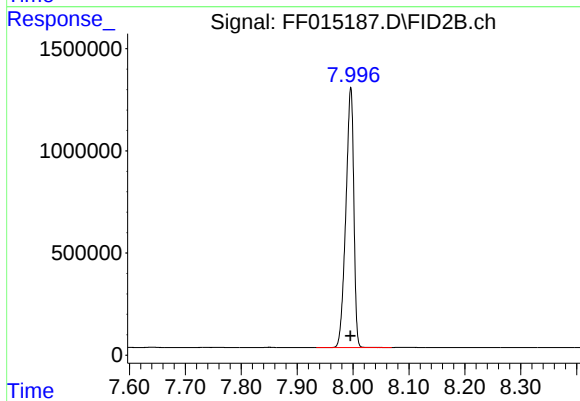
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 14206236
Conc: 96.92 ug/ml



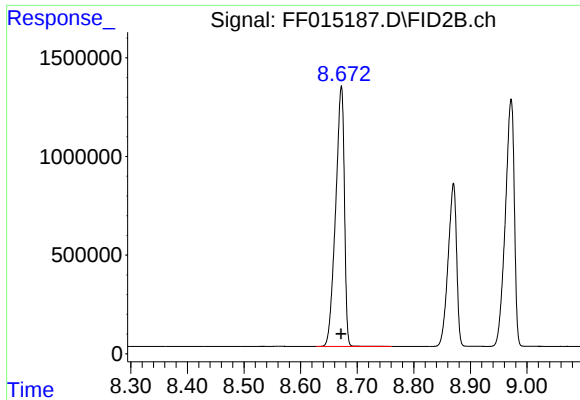
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 13913535
Conc: 96.96 ug/ml



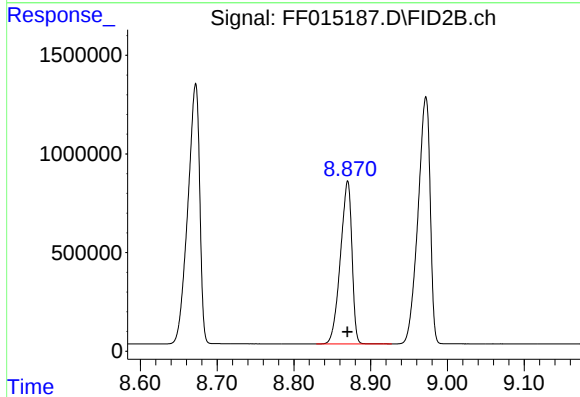
#4 2-Bromonaphthalene (SURR)

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 12581881
Conc: 96.92 ug/ml



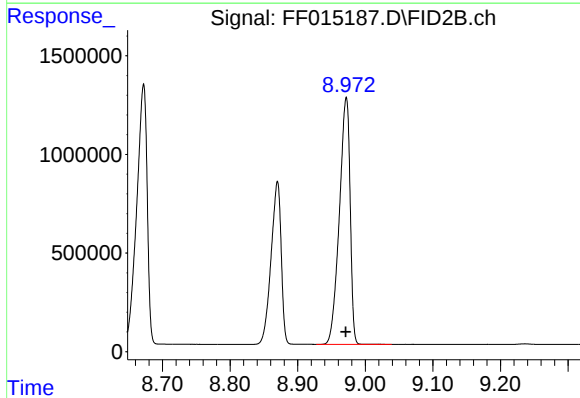
#5 Acenaphthylene (C15.06)

R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 14185167
Conc: 96.71 ug/ml



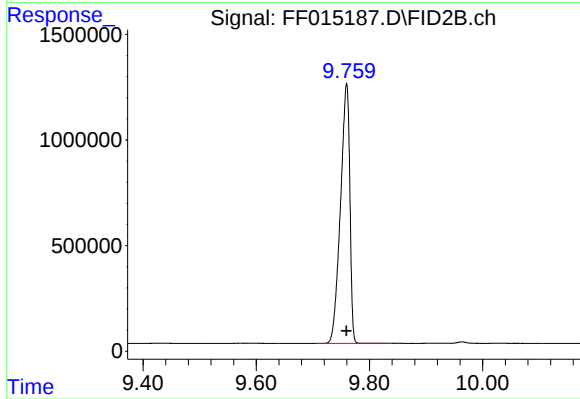
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.870 min
Delta R.T.: 0.000 min
Response: 8587122
Conc: 96.66 ug/ml



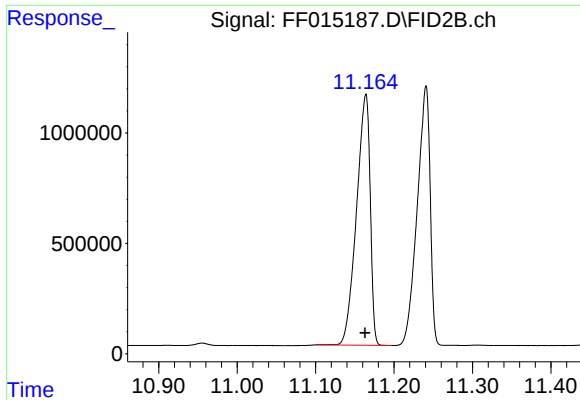
#7 Acenaphthene (C15.5)

R.T.: 8.971 min
Delta R.T.: 0.000 min
Response: 13825349
Conc: 96.79 ug/ml



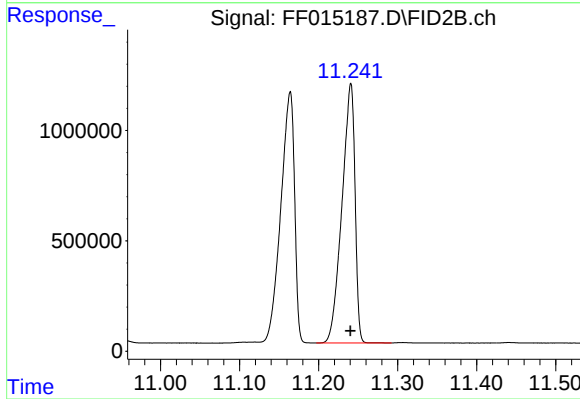
#8 Flouorene (C16.55)

R.T.: 9.759 min
Delta R.T.: 0.000 min
Response: 14098445
Conc: 96.94 ug/ml



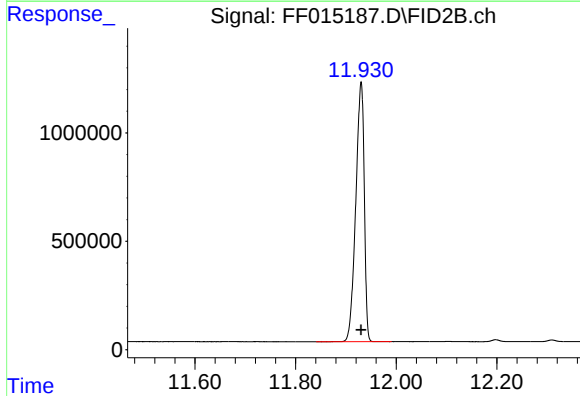
#9 Phenanthrene (C19.36)

R.T.: 11.163 min
Delta R.T.: 0.000 min
Response: 13749701
Conc: 96.90 ug/ml



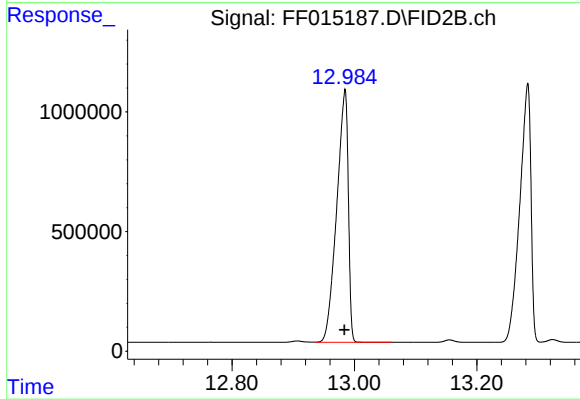
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: 0.000 min
Response: 13490907
Conc: 96.90 ug/ml



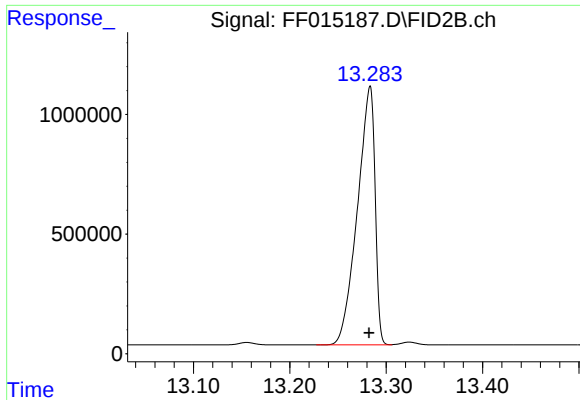
#11 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: 0.000 min
Response: 14011839
Conc: 96.53 ug/ml



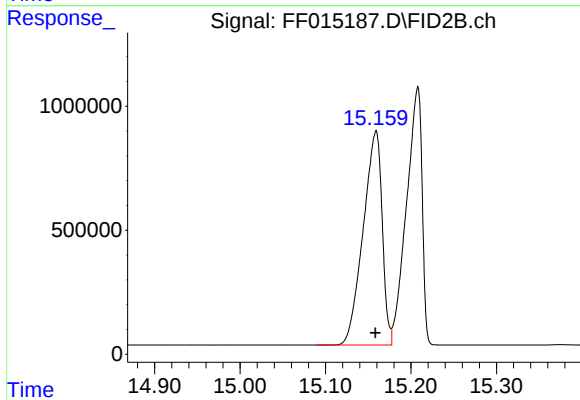
#12 Fluoranthene (C21.85)

R.T.: 12.984 min
Delta R.T.: 0.000 min
Response: 13818962
Conc: 96.99 ug/ml



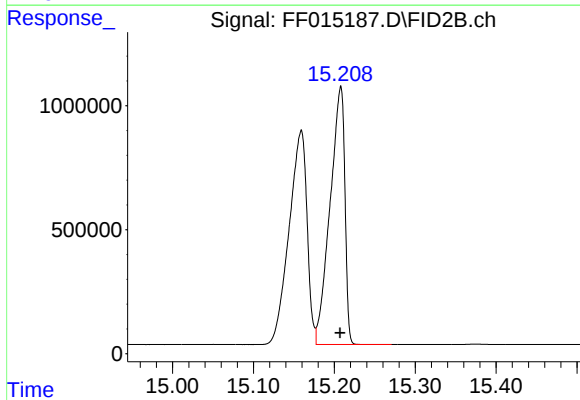
#13 Pyrene (C20.8)

R.T.: 13.282 min
Delta R.T.: 0.000 min
Response: 13750439
Conc: 96.93 ug/ml



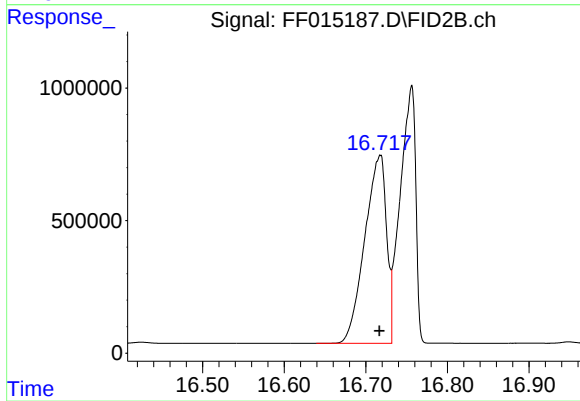
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.158 min
Delta R.T.: 0.000 min
Response: 13324166
Conc: 97.34 ug/ml



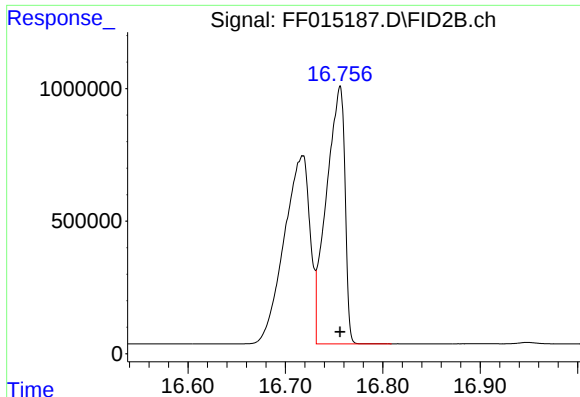
#15 Chrysene (C27.41)

R.T.: 15.207 min
Delta R.T.: 0.000 min
Response: 13206547
Conc: 97.00 ug/ml



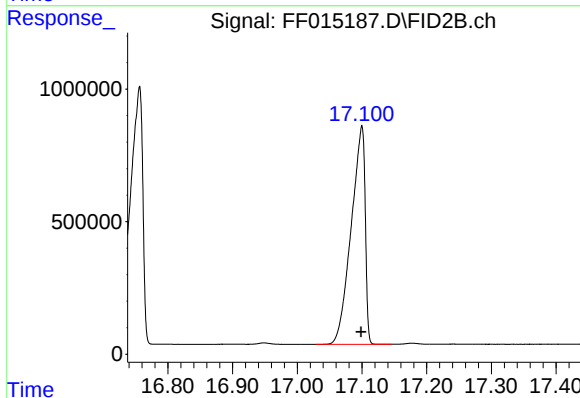
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.717 min
Delta R.T.: 0.000 min
Response: 13128240
Conc: 97.78 ug/ml



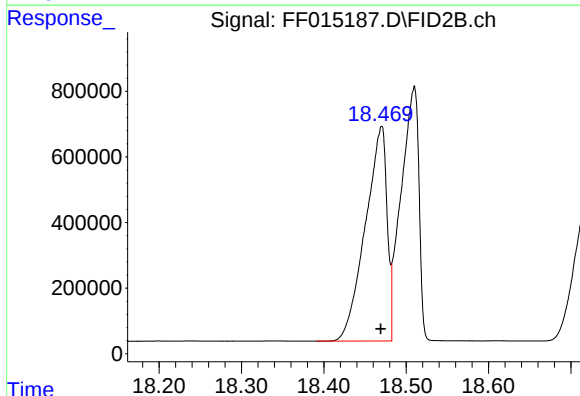
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.755 min
Delta R.T.: -0.001 min
Response: 12801185
Conc: 97.72 ug/ml



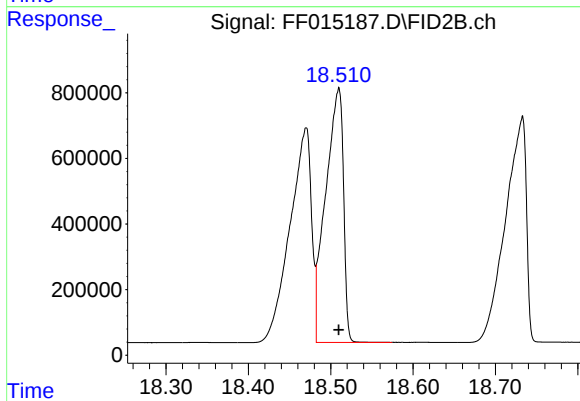
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.099 min
Delta R.T.: 0.000 min
Response: 12337598
Conc: 97.17 ug/ml



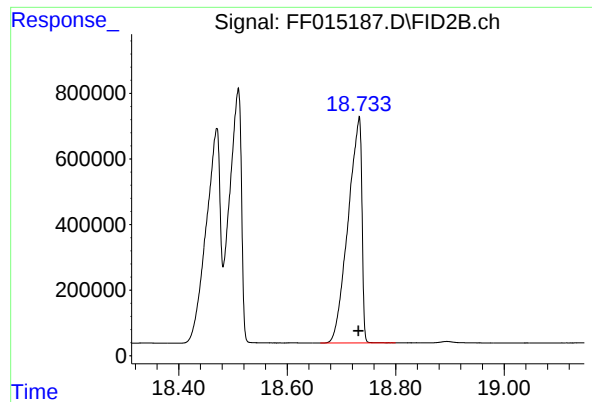
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.469 min
Delta R.T.: 0.000 min
Response: 11943472
Conc: 99.44 ug/ml



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

R.T.: 18.509 min
Delta R.T.: 0.000 min
Response: 11649483
Conc: 95.18 ug/ml



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

R.T.: 18.731 min
Delta R.T.: 0.000 min
Response: 12106473
Conc: 96.94 ug/ml