

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016253.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 10:02
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 09:03:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:02:04 2025
 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...	8.038	5419316	45.777 ug/ml
Spiked Amount 50.000		Recovery =	91.55%
6) S 2-Fluorobiphenyl (SURR)	8.913	3758992	45.712 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.42%
11) S ortho-Terphenyl (SURR)	11.982	6508324	45.590 ug/ml
Spiked Amount 50.000		Recovery =	91.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.631	5831047	45.573 ug/ml
2) T Naphthalene (C11.7)	6.308	6223282	45.838 ug/ml
3) T 2-Methylnaphthalene (...)	7.408	6363748	45.861 ug/ml
5) T Acenaphthylene (C15.06)	8.714	6344557	45.580 ug/ml
7) T Acenaphthene (C15.5)	9.015	6335399	45.489 ug/ml
8) T Fluorene (C16.55)	9.804	6317257	45.652 ug/ml
9) T Phenanthrene (C19.36)	11.212	6387348	45.901 ug/ml
10) T Anthracene (C19.43)	11.287	6256332	45.847 ug/ml
12) T Fluoranthene (C21.85)	13.035	6353772	45.729 ug/ml
13) T Pyrene (C20.8)	13.335	6308884	45.938 ug/ml
14) T Benzo[a]anthracene (C...	15.218	6045893	46.300 ug/ml
15) T Chrysene (C27.41)	15.263	6109649	45.800 ug/ml
16) T benzo[b]fluoranthene ...	16.779	5943543	46.338 ug/ml
17) T Bnezo[k]fluoranthene ...	16.813	5557567	45.528 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.160	5741651	45.915 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.533	5228177	46.929 ug/ml
20) T Dibenz[a,h]anthracene...	18.574	5494645	44.740 ug/ml
21) T Benzo[g,h,i]perylene ...	18.793	5495908	45.684 ug/ml

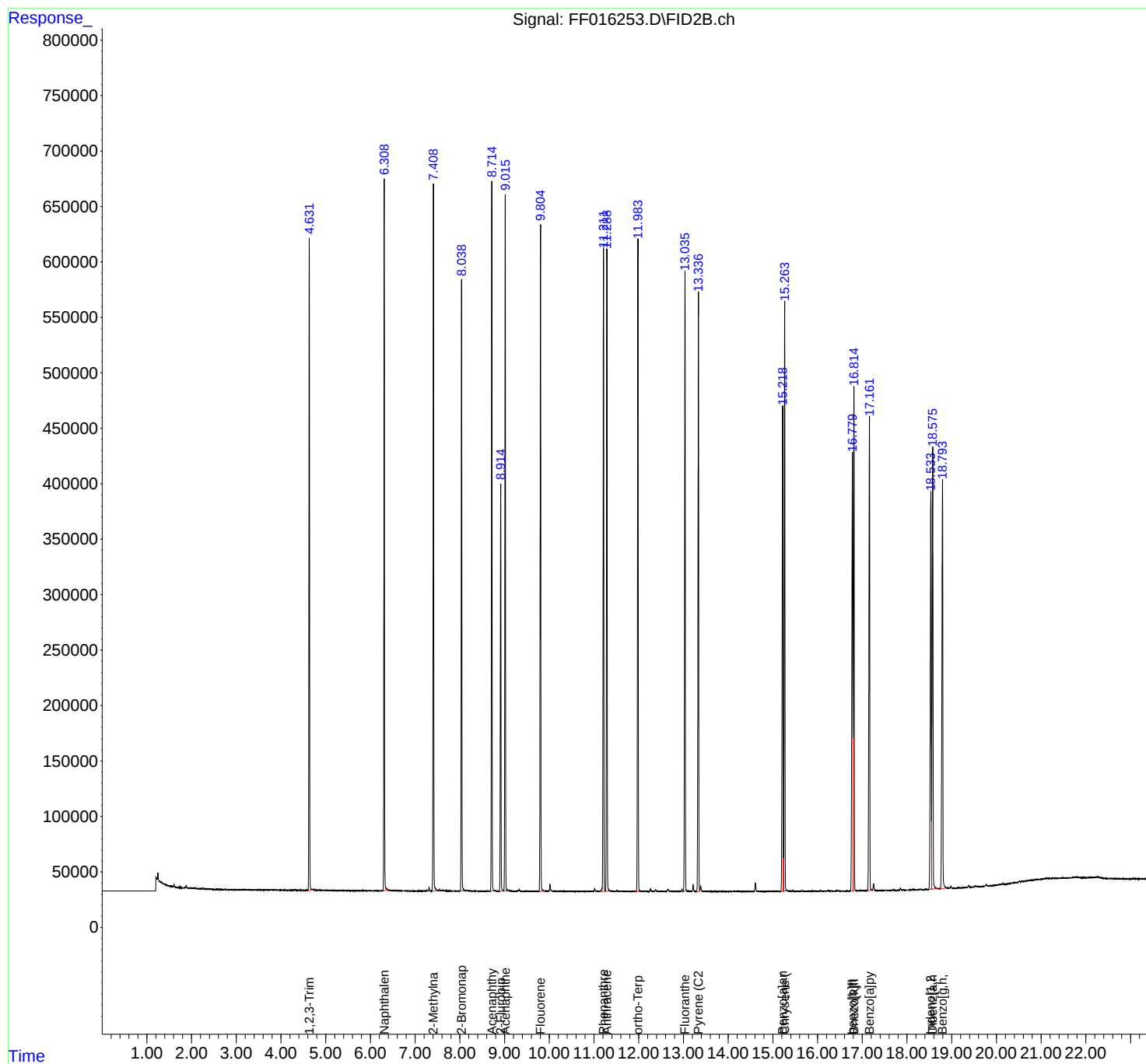
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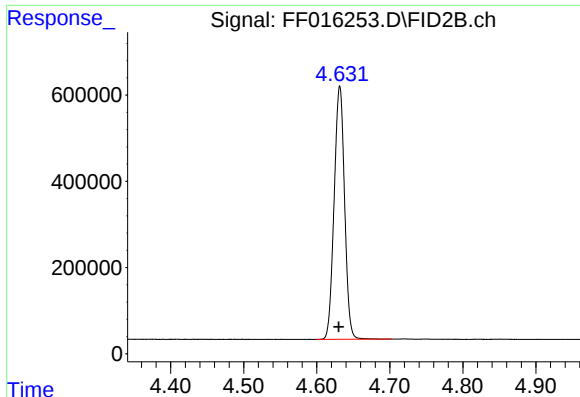
(m)=manual int.

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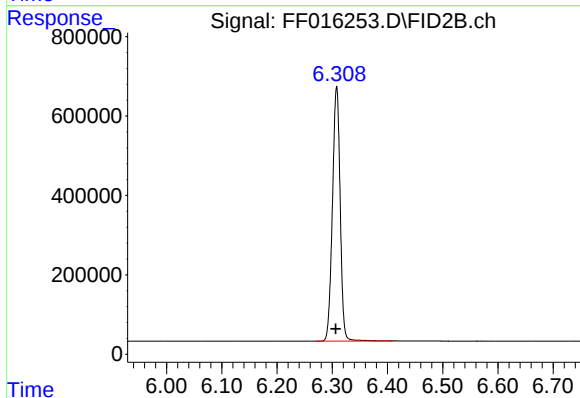
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





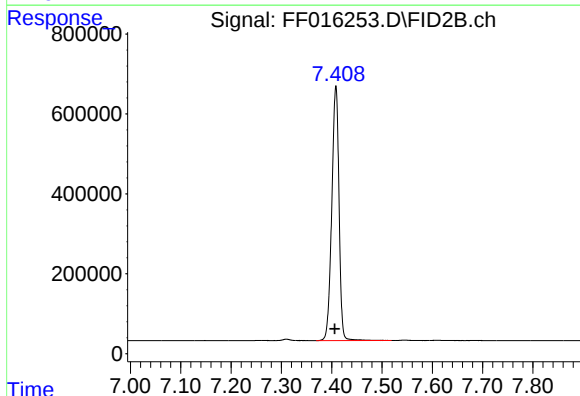
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.631 min
Delta R.T.: 0.001 min
Response: 5831047
Conc: 45.57 ug/ml



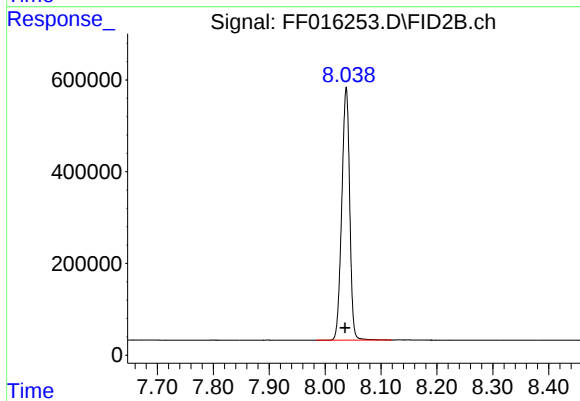
#2 Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.002 min
Response: 6223282
Conc: 45.84 ug/ml



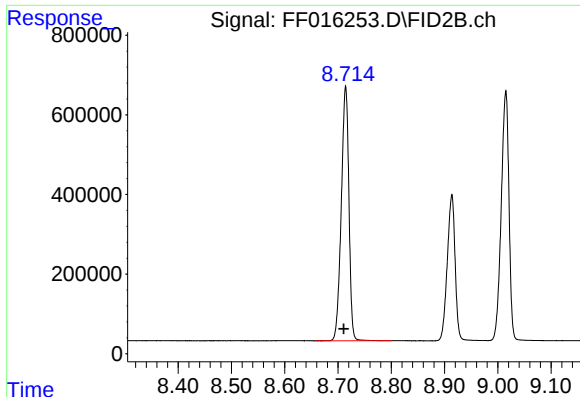
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: 0.002 min
Response: 6363748
Conc: 45.86 ug/ml



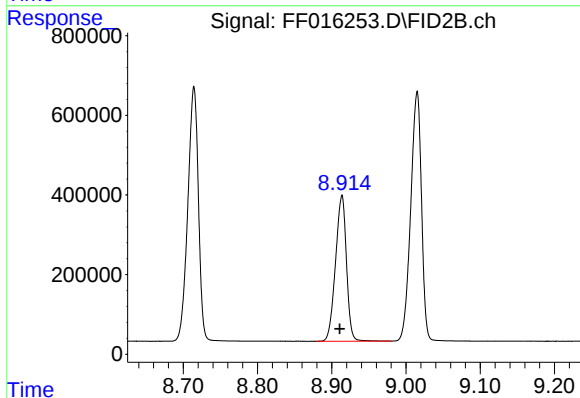
#4 2-Bromonaphthalene (SURR)

R.T.: 8.038 min
Delta R.T.: 0.002 min
Response: 5419316
Conc: 45.78 ug/ml



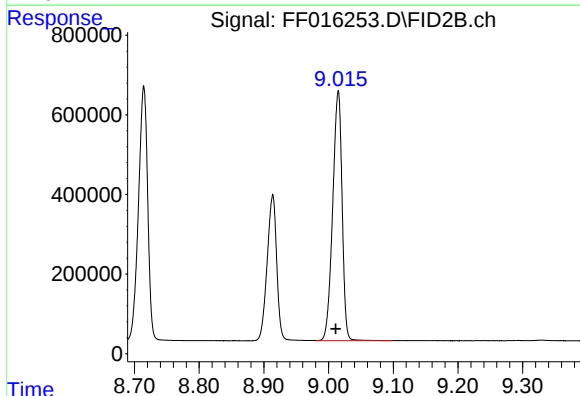
#5 Acenaphthylene (C15.06)

R.T.: 8.714 min
Delta R.T.: 0.003 min
Response: 6344557
Conc: 45.58 ug/ml



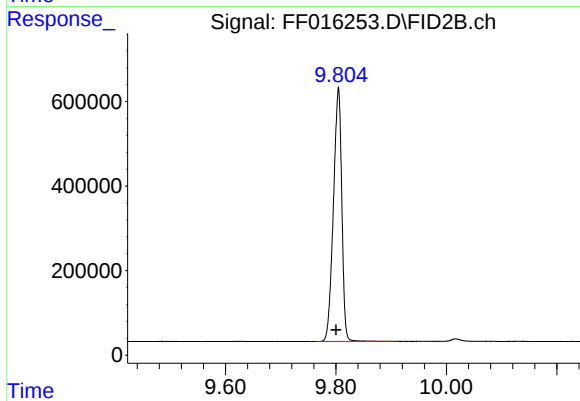
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.913 min
Delta R.T.: 0.003 min
Response: 3758992
Conc: 45.71 ug/ml



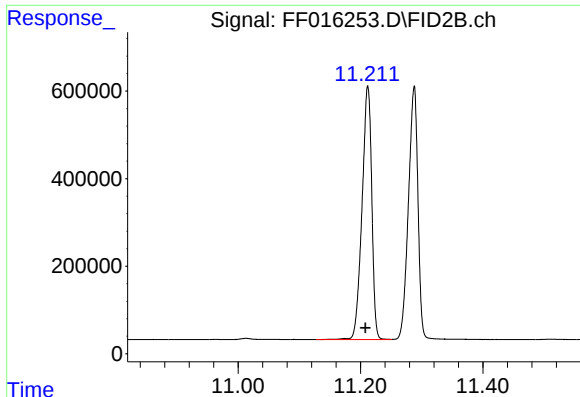
#7 Acenaphthene (C15.5)

R.T.: 9.015 min
Delta R.T.: 0.004 min
Response: 6335399
Conc: 45.49 ug/ml



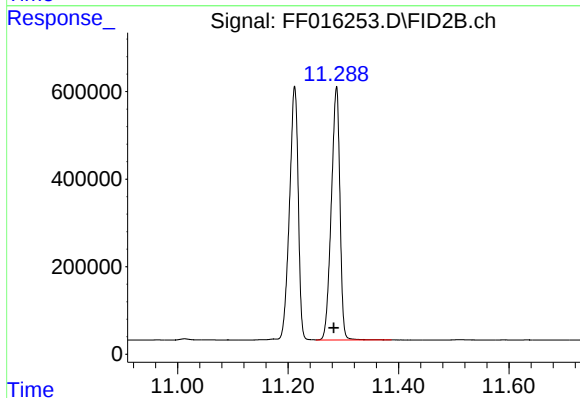
#8 Fluorene (C16.55)

R.T.: 9.804 min
Delta R.T.: 0.004 min
Response: 6317257
Conc: 45.65 ug/ml



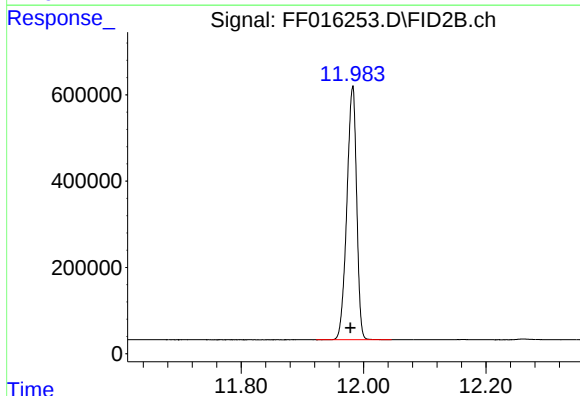
#9 Phenanthrene (C19.36)

R.T.: 11.212 min
Delta R.T.: 0.004 min
Response: 6387348
Conc: 45.90 ug/ml



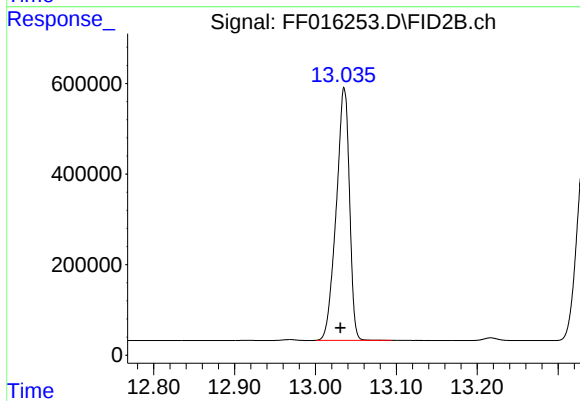
#10 Anthracene (C19.43)

R.T.: 11.287 min
Delta R.T.: 0.005 min
Response: 6256332
Conc: 45.85 ug/ml



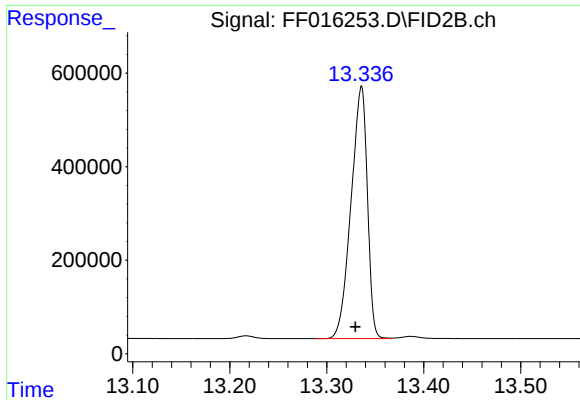
#11 ortho-Terphenyl (SURR)

R.T.: 11.982 min
Delta R.T.: 0.003 min
Response: 6508324
Conc: 45.59 ug/ml



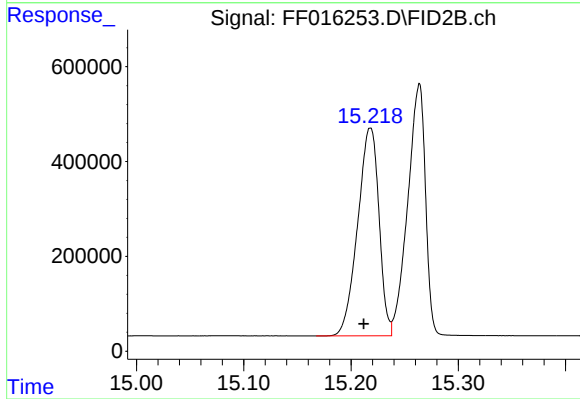
#12 Fluoranthene (C21.85)

R.T.: 13.035 min
Delta R.T.: 0.005 min
Response: 6353772
Conc: 45.73 ug/ml



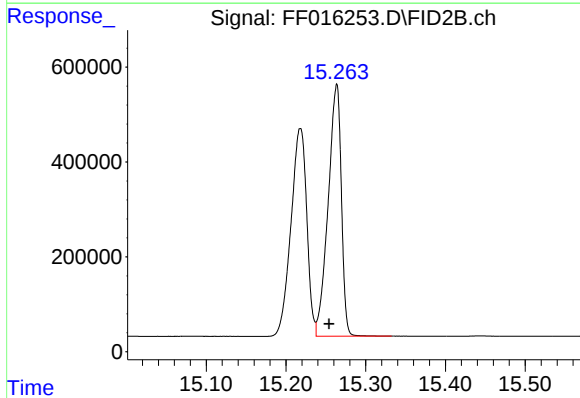
#13 Pyrene (C20.8)

R.T.: 13.335 min
Delta R.T.: 0.006 min
Response: 6308884
Conc: 45.94 ug/ml



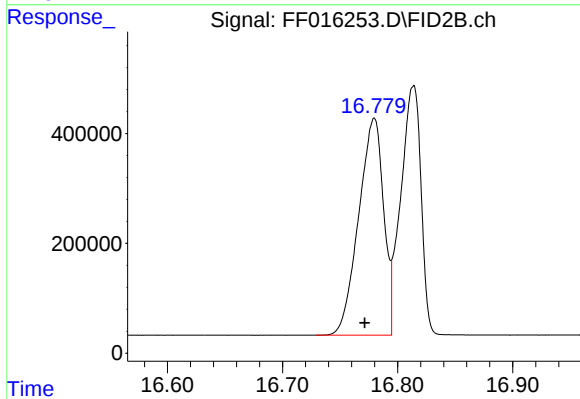
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.218 min
Delta R.T.: 0.006 min
Response: 6045893
Conc: 46.30 ug/ml



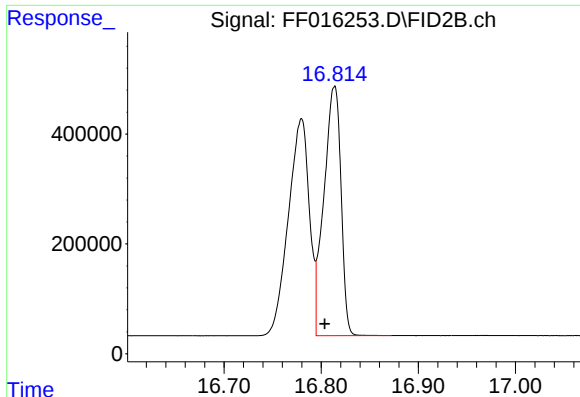
#15 Chrysene (C27.41)

R.T.: 15.263 min
Delta R.T.: 0.009 min
Response: 6109649
Conc: 45.80 ug/ml



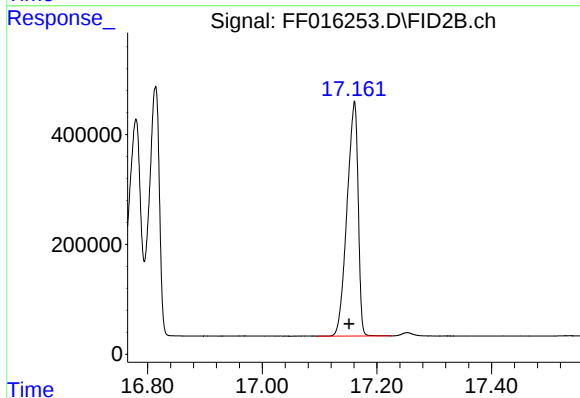
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.779 min
Delta R.T.: 0.008 min
Response: 5943543
Conc: 46.34 ug/ml



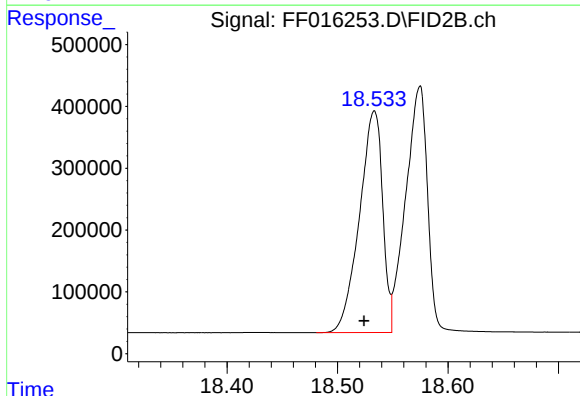
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.813 min
Delta R.T.: 0.010 min
Response: 5557567
Conc: 45.53 ug/ml



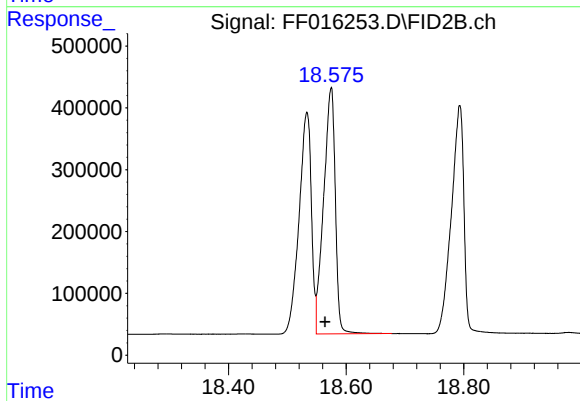
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.160 min
Delta R.T.: 0.009 min
Response: 5741651
Conc: 45.92 ug/ml



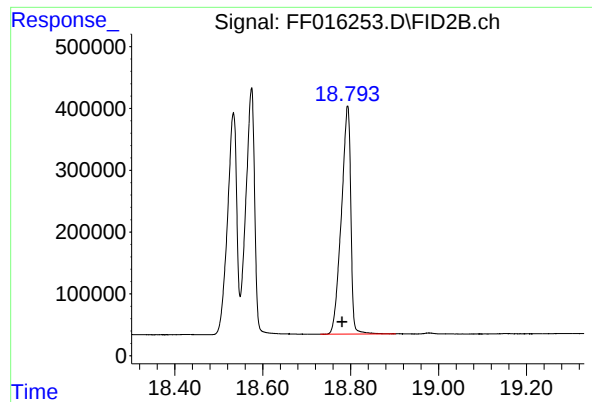
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.533 min
Delta R.T.: 0.009 min
Response: 5228177
Conc: 46.93 ug/ml



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

R.T.: 18.574 min
Delta R.T.: 0.010 min
Response: 5494645
Conc: 44.74 ug/ml



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

R.T.: 18.793 min
Delta R.T.: 0.012 min
Response: 5495908
Conc: 45.68 ug/ml