

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016259.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 12:59
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 09:14:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:10:12 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...	8.036	2343519	19.603 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
6) S 2-Fluorobiphenyl (SURR)	8.911	1617525	19.533 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.07%
11) S ortho-Terphenyl (SURR)	11.979	2808568	19.366 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.630	2540538	19.605 ug/ml
2) T Naphthalene (C11.7)	6.306	2683448	19.616 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	2743664	19.618 ug/ml
5) T Acenaphthylene (C15.06)	8.712	2742969	19.537 ug/ml
7) T Acenaphthene (C15.5)	9.011	2740029	19.549 ug/ml
8) T Flouorene (C16.55)	9.801	2712684	19.414 ug/ml
9) T Phenanthrene (C19.36)	11.208	2729265	19.356 ug/ml
10) T Anthracene (C19.43)	11.283	2668602	19.300 ug/ml
12) T Fluoranthene (C21.85)	13.031	2703951	19.169 ug/ml
13) T Pyrene (C20.8)	13.330	2664224	19.036 ug/ml
14) T Benzo[a]anthracene (C...	15.212	2545279	19.246 ug/ml
15) T Chrysene (C27.41)	15.254	2601881	19.088 ug/ml
16) T benzo[b]fluoranthene ...	16.771	2510522	19.264 ug/ml
17) T Bnezo[k]fluoranthene ...	16.804	2399926	19.184 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.151	2447455	19.151 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.525	2187024	19.145 ug/ml
20) T Dibenz[a,h]anthracene...	18.565	2425449	19.323 ug/ml
21) T Benzo[g,h,i]perylene ...	18.782	2354056	19.089 ug/ml

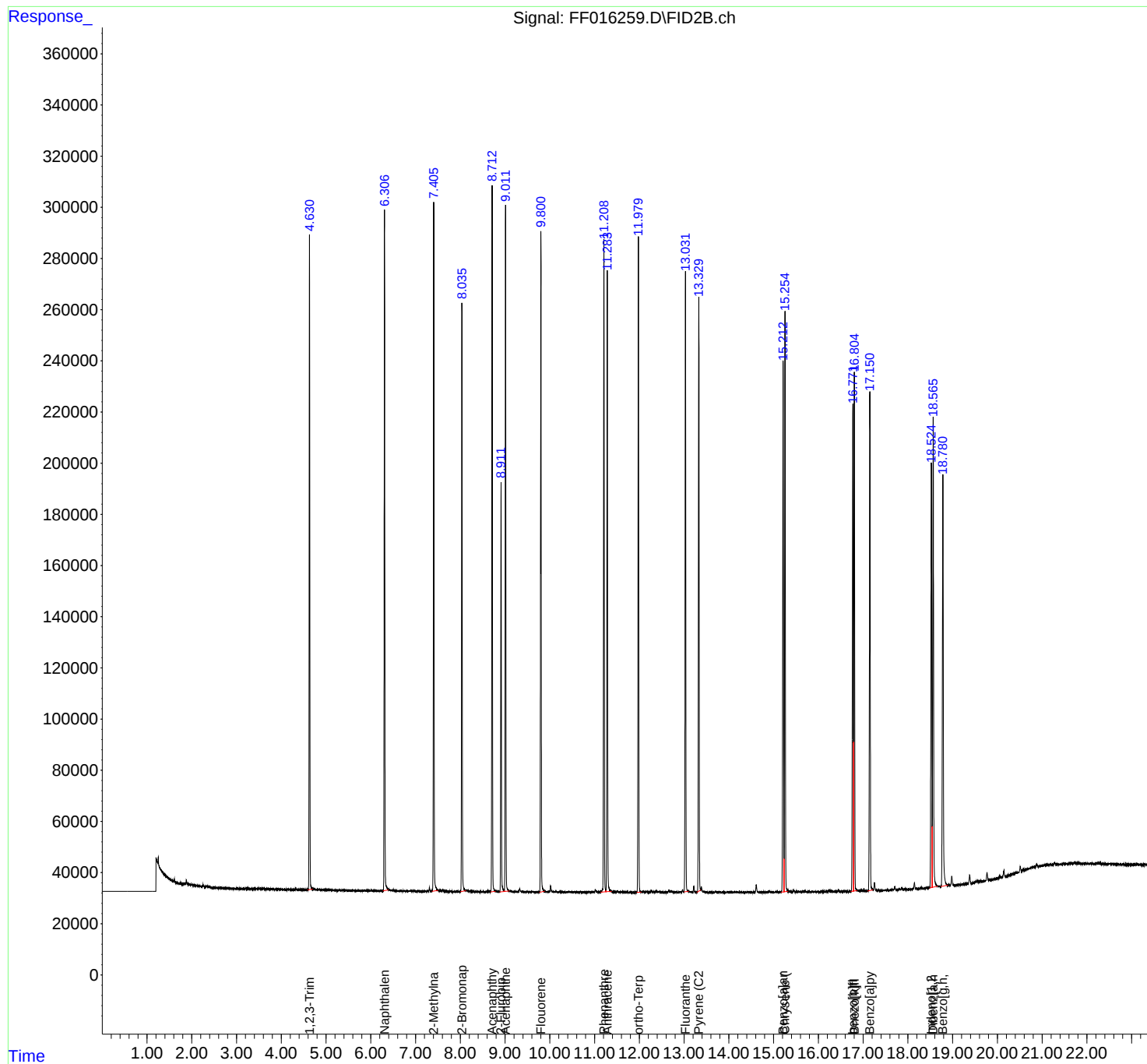
(f)=RT Delta > 1/2 Window

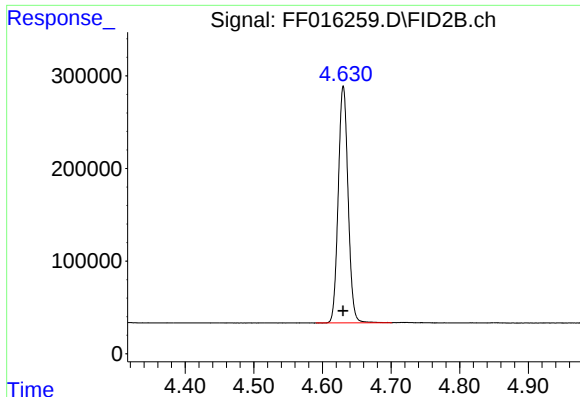
(m)=manual int.

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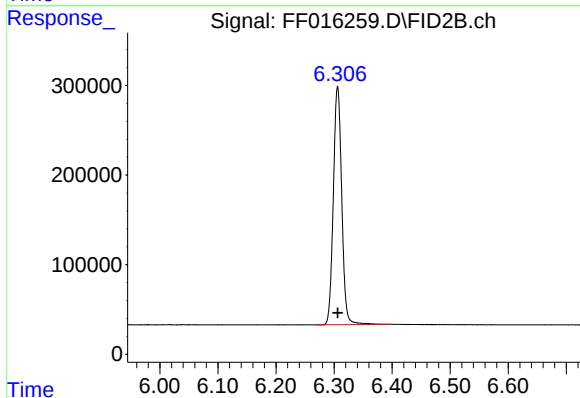
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





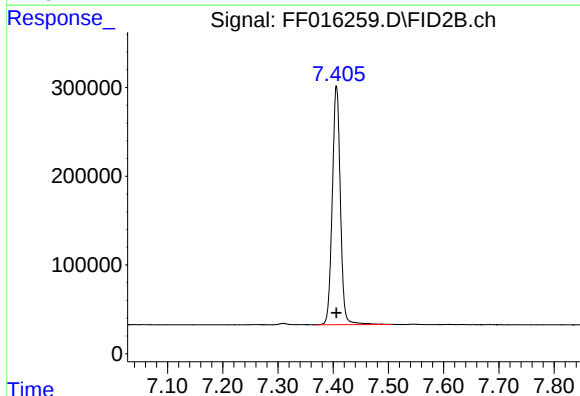
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 2540538
Conc: 19.60 ug/ml



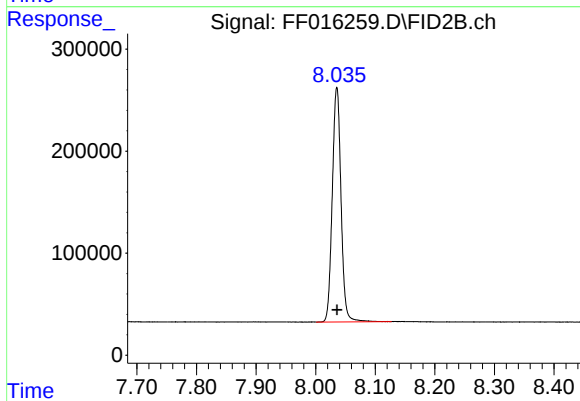
#2 Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 2683448
Conc: 19.62 ug/ml



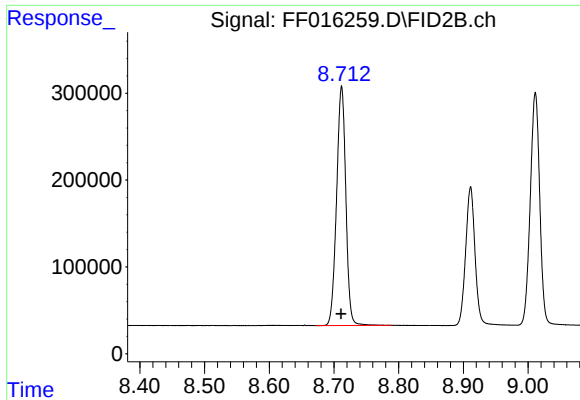
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 2743664
Conc: 19.62 ug/ml



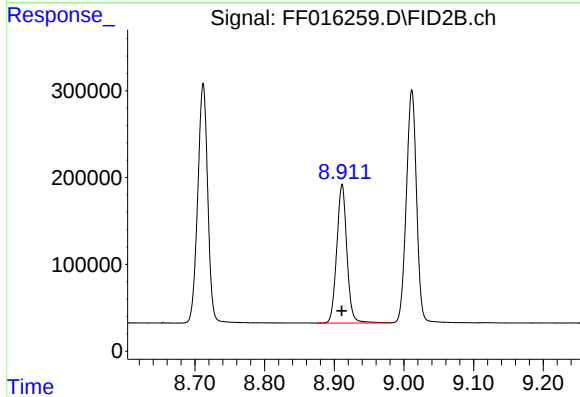
#4 2-Bromonaphthalene (SURR)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 2343519
Conc: 19.60 ug/ml



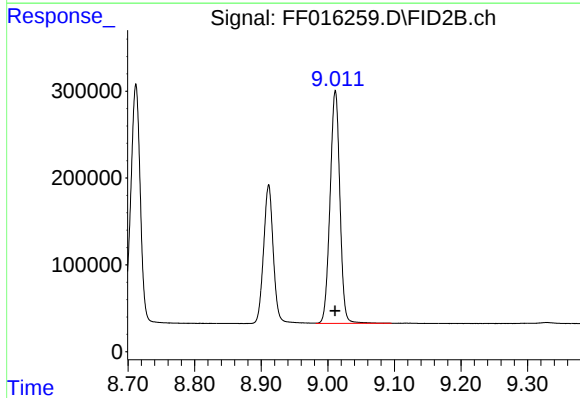
#5 Acenaphthylene (C15.06)

R.T.: 8.712 min
Delta R.T.: 0.000 min
Response: 2742969
Conc: 19.54 ug/ml



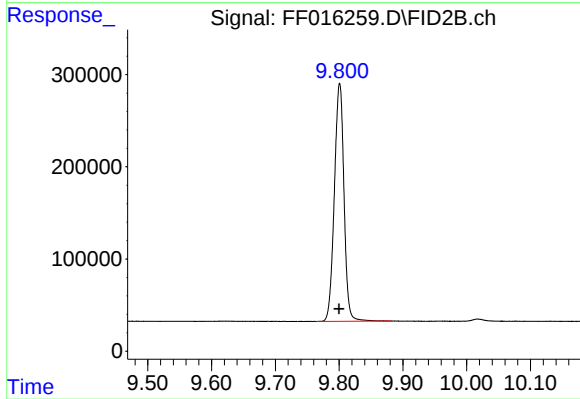
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 1617525
Conc: 19.53 ug/ml



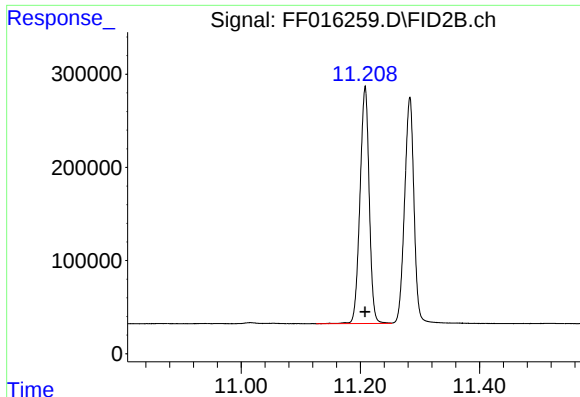
#7 Acenaphthene (C15.5)

R.T.: 9.011 min
Delta R.T.: 0.000 min
Response: 2740029
Conc: 19.55 ug/ml



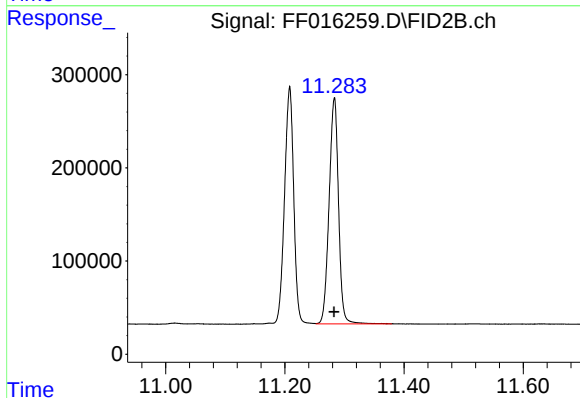
#8 Fluorene (C16.55)

R.T.: 9.801 min
Delta R.T.: 0.000 min
Response: 2712684
Conc: 19.41 ug/ml



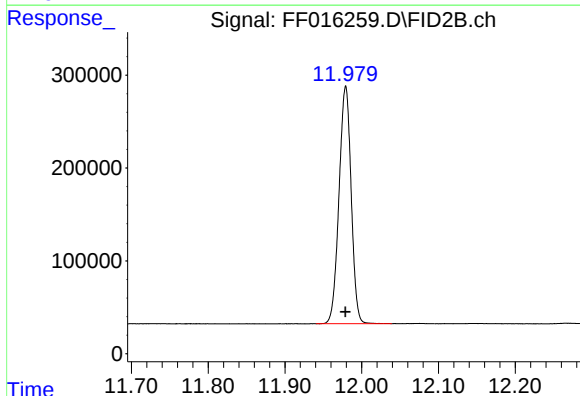
#9 Phenanthrene (C19.36)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 2729265
Conc: 19.36 ug/ml



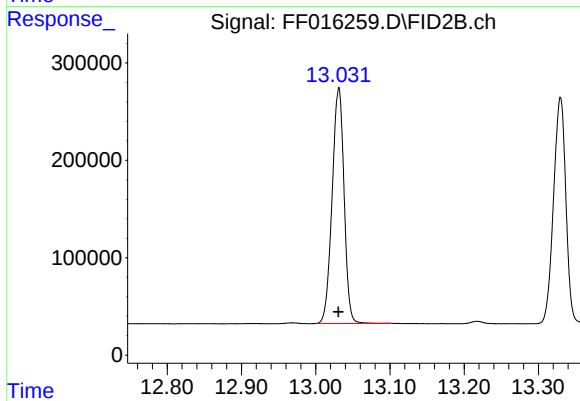
#10 Anthracene (C19.43)

R.T.: 11.283 min
Delta R.T.: 0.000 min
Response: 2668602
Conc: 19.30 ug/ml



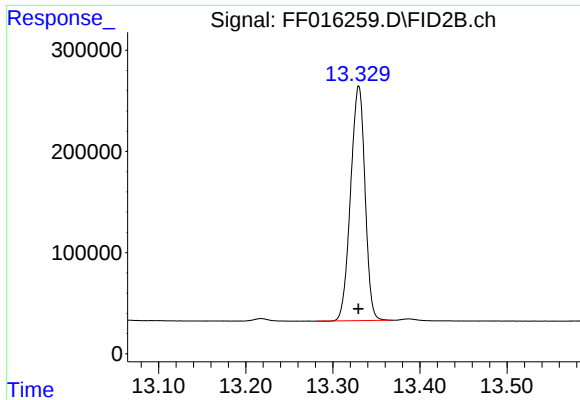
#11 ortho-Terphenyl (SURR)

R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 2808568
Conc: 19.37 ug/ml



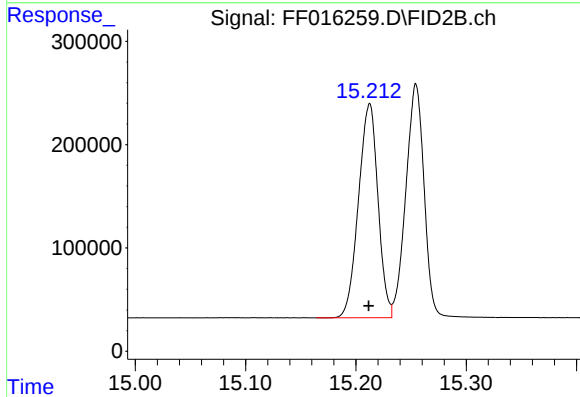
#12 Fluoranthene (C21.85)

R.T.: 13.031 min
Delta R.T.: 0.000 min
Response: 2703951
Conc: 19.17 ug/ml



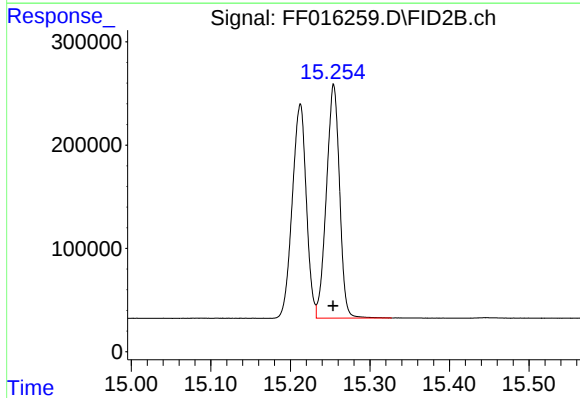
#13 Pyrene (C20.8)

R.T.: 13.330 min
Delta R.T.: 0.000 min
Response: 2664224
Conc: 19.04 ug/ml



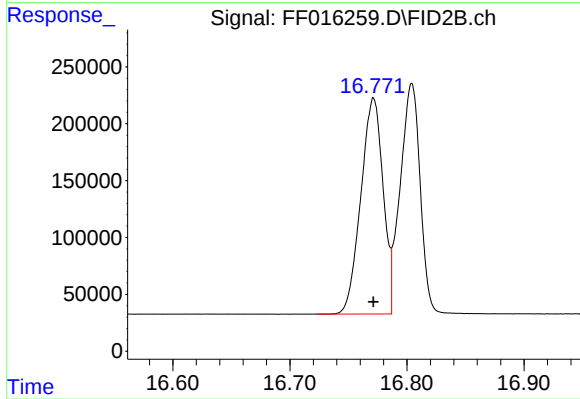
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 2545279
Conc: 19.25 ug/ml



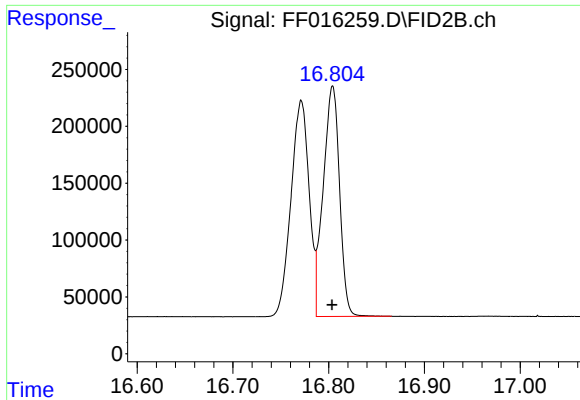
#15 Chrysene (C27.41)

R.T.: 15.254 min
Delta R.T.: 0.000 min
Response: 2601881
Conc: 19.09 ug/ml



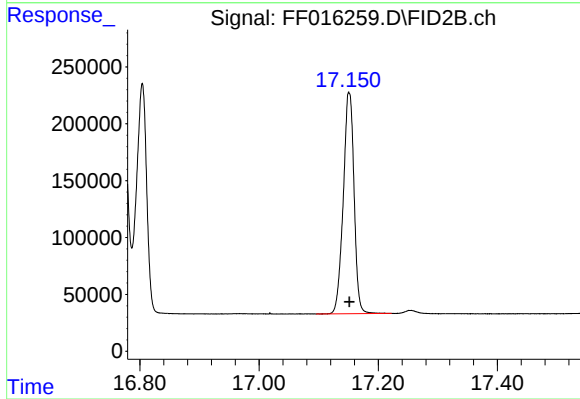
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.771 min
Delta R.T.: 0.000 min
Response: 2510522
Conc: 19.26 ug/ml



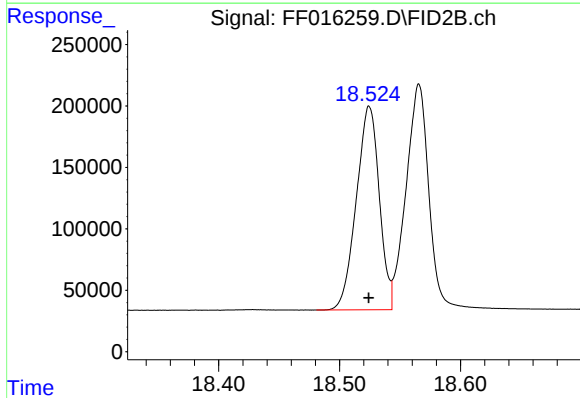
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.804 min
Delta R.T.: 0.000 min
Response: 2399926
Conc: 19.18 ug/ml



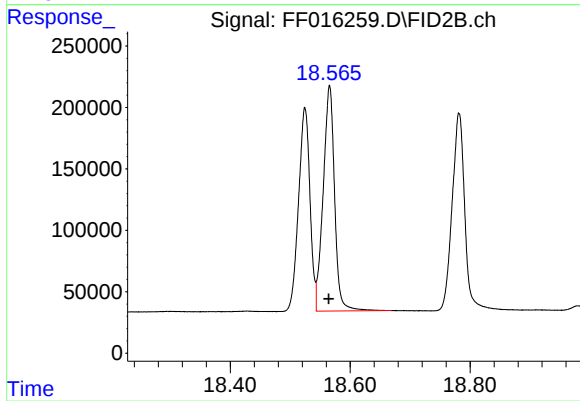
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.151 min
Delta R.T.: 0.000 min
Response: 2447455
Conc: 19.15 ug/ml



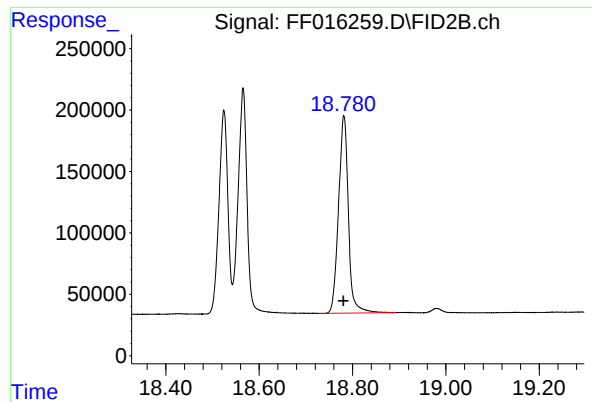
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.525 min
Delta R.T.: 0.000 min
Response: 2187024
Conc: 19.14 ug/ml



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

R.T.: 18.565 min
Delta R.T.: 0.001 min
Response: 2425449
Conc: 19.32 ug/ml



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

R.T.: 18.782 min
Delta R.T.: 0.001 min
Response: 2354056
Conc: 19.09 ug/ml