

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016255.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 11:01
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 09:04:22 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...	8.036	1402338	11.846 ug/ml
Spiked Amount 50.000		Recovery =	23.69%
6) S 2-Fluorobiphenyl (SURR)	8.911	971485	11.814 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	23.63%
11) S ortho-Terphenyl (SURR)	11.978	1705523	11.947 ug/ml
Spiked Amount 50.000		Recovery =	23.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.633	1521781	11.894 ug/ml
2) T Naphthalene (C11.7)	6.307	1604049	11.815 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	1642763	11.839 ug/ml
5) T Acenaphthylene (C15.06)	8.711	1656959	11.904 ug/ml
7) T Acenaphthene (C15.5)	9.010	1651482	11.858 ug/ml
8) T Flouorene (C16.55)	9.800	1640740	11.857 ug/ml
9) T Phenanthrene (C19.36)	11.207	1652159	11.873 ug/ml
10) T Anthracene (C19.43)	11.282	1623007	11.894 ug/ml
12) T Fluoranthene (C21.85)	13.029	1652363	11.892 ug/ml
13) T Pyrene (C20.8)	13.328	1633620	11.895 ug/ml
14) T Benzo[a]anthracene (C...	15.209	1553949	11.900 ug/ml
15) T Chrysene (C27.41)	15.251	1611454	12.080 ug/ml
16) T benzo[b]fluoranthene ...	16.769	1541992	12.022 ug/ml
17) T Bnezo[k]fluoranthene ...	16.800	1491164	12.216 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.150	1522458	12.175 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.521	1335426	11.987 ug/ml
20) T Dibenz[a,h]anthracene...	18.562	1530719	12.464 ug/ml
21) T Benzo[g,h,i]perylene ...	18.777	1478524	12.290 ug/ml

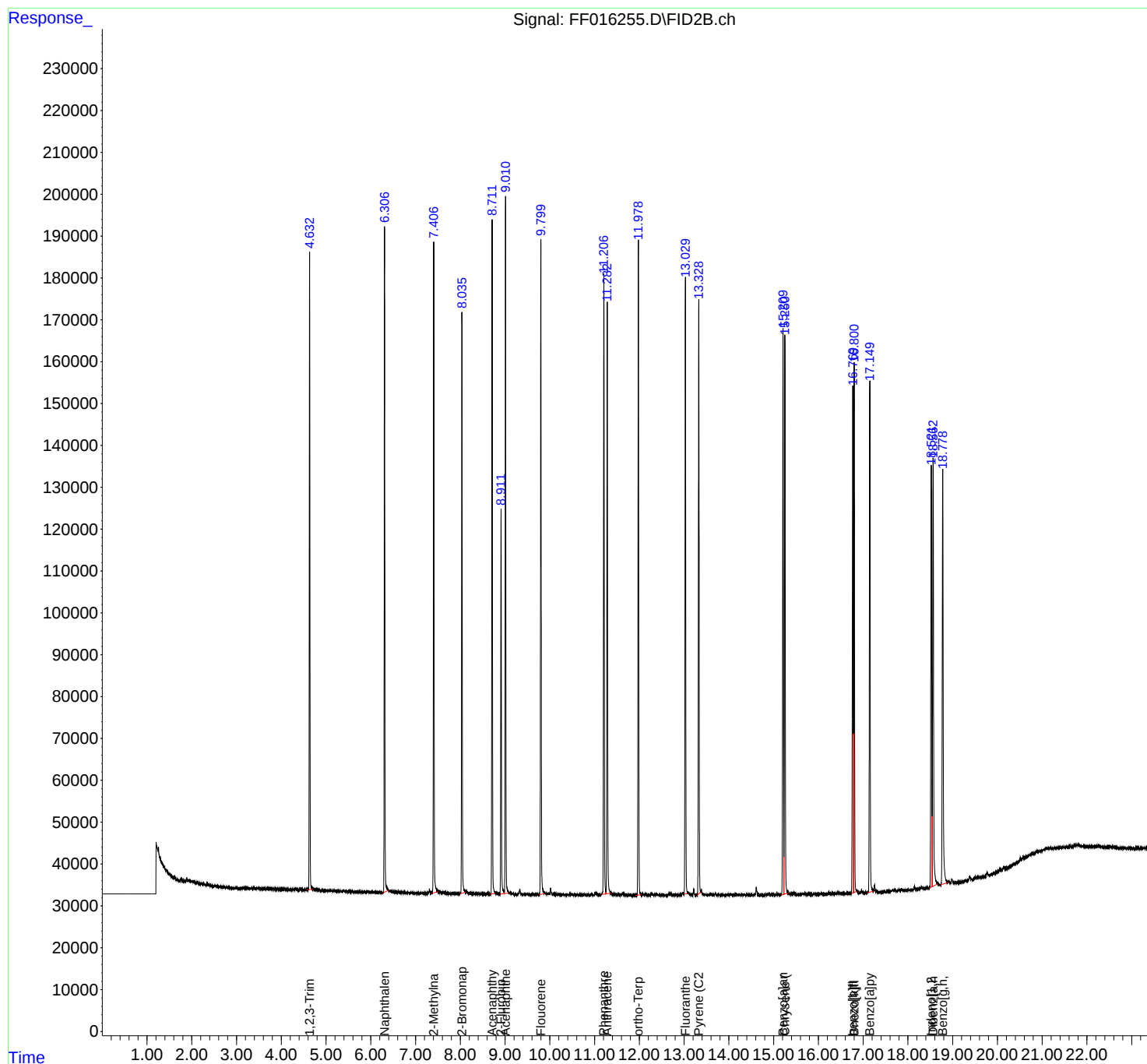
(f)=RT Delta > 1/2 Window

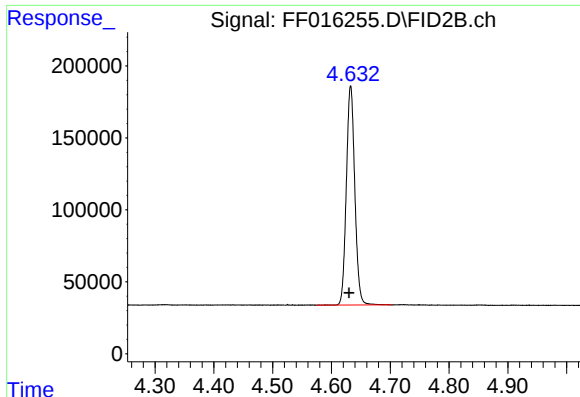
(m)=manual int.

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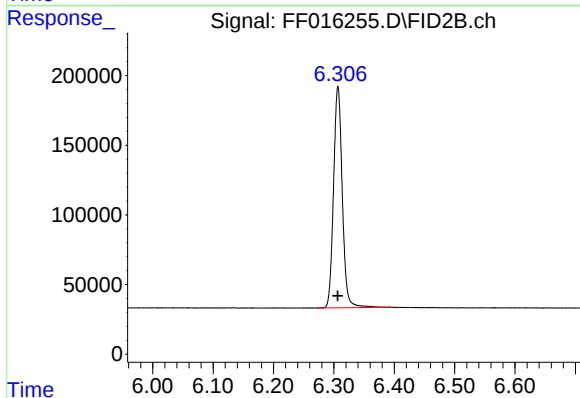
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Signal Info : 20M x 0.18mm x 0.18µm





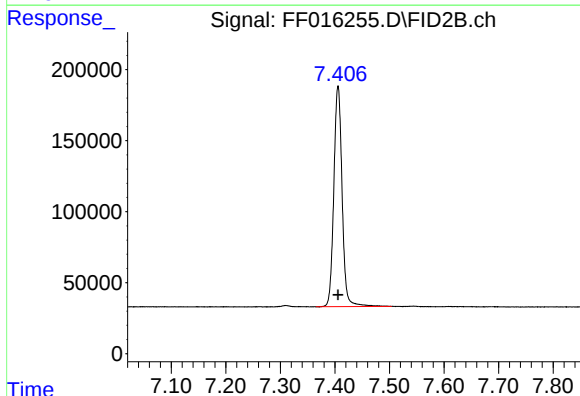
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.633 min
Delta R.T.: 0.003 min
Response: 1521781
Conc: 11.89 ug/ml



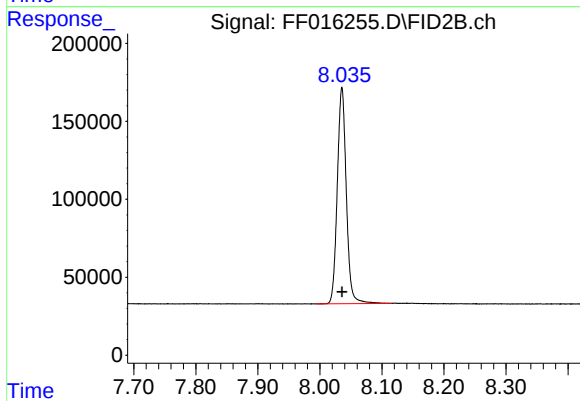
#2 Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 1604049
Conc: 11.81 ug/ml



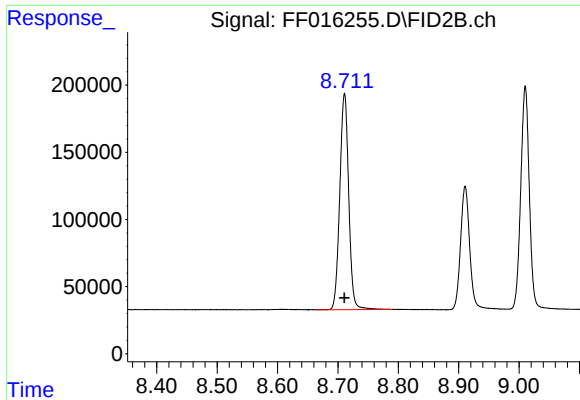
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 1642763
Conc: 11.84 ug/ml



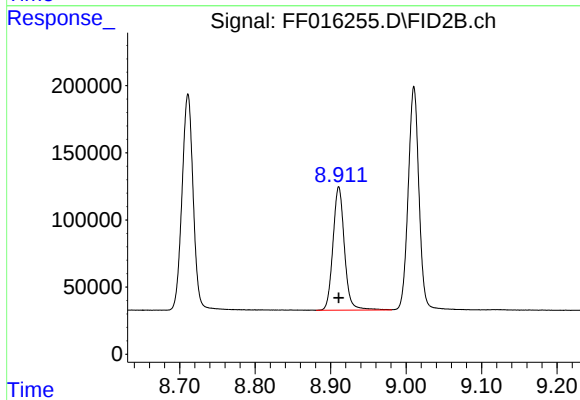
#4 2-Bromonaphthalene (SURR)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 1402338
Conc: 11.85 ug/ml



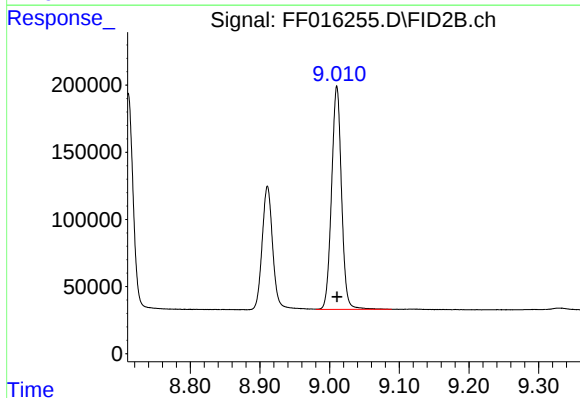
#5 Acenaphthylene (C15.06)

R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 1656959
Conc: 11.90 ug/ml



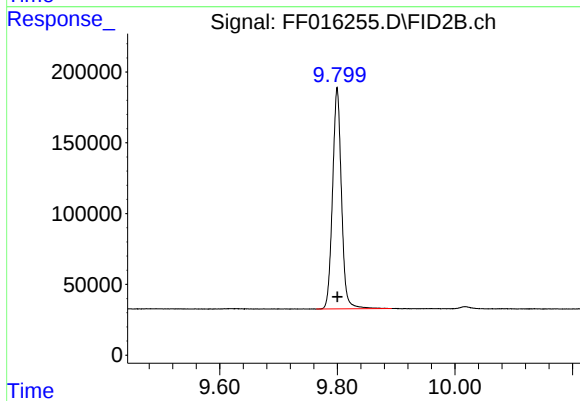
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 971485
Conc: 11.81 ug/ml



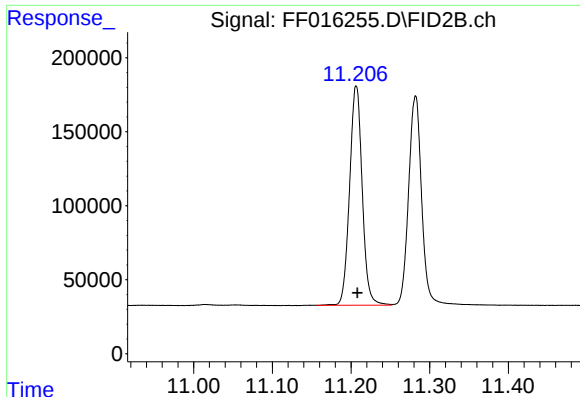
#7 Acenaphthene (C15.5)

R.T.: 9.010 min
Delta R.T.: 0.000 min
Response: 1651482
Conc: 11.86 ug/ml



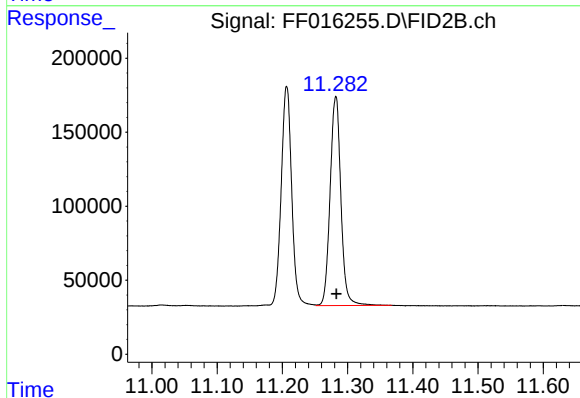
#8 Fluorene (C16.55)

R.T.: 9.800 min
Delta R.T.: 0.000 min
Response: 1640740
Conc: 11.86 ug/ml



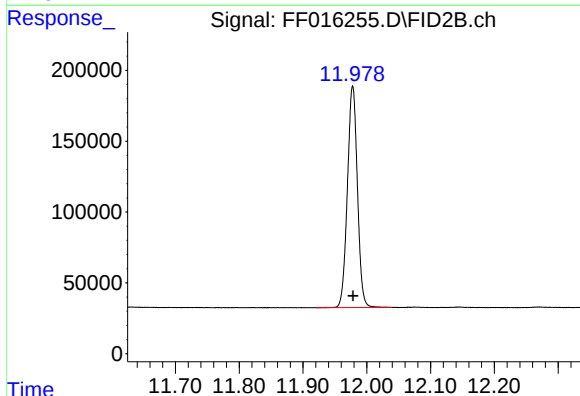
#9 Phenanthrene (C19.36)

R.T.: 11.207 min
Delta R.T.: -0.001 min
Response: 1652159
Conc: 11.87 ug/ml



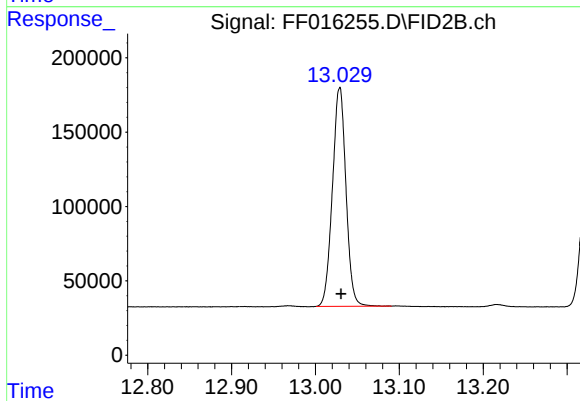
#10 Anthracene (C19.43)

R.T.: 11.282 min
Delta R.T.: 0.000 min
Response: 1623007
Conc: 11.89 ug/ml



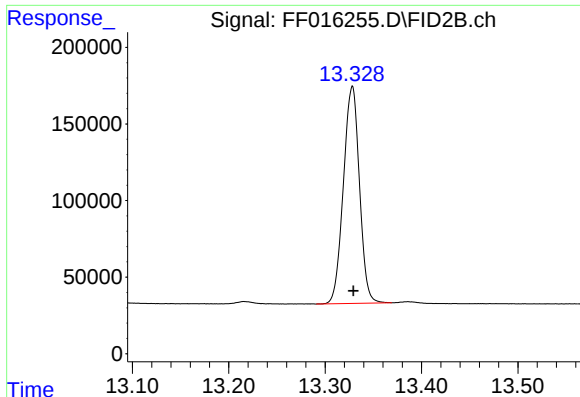
#11 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: 0.000 min
Response: 1705523
Conc: 11.95 ug/ml



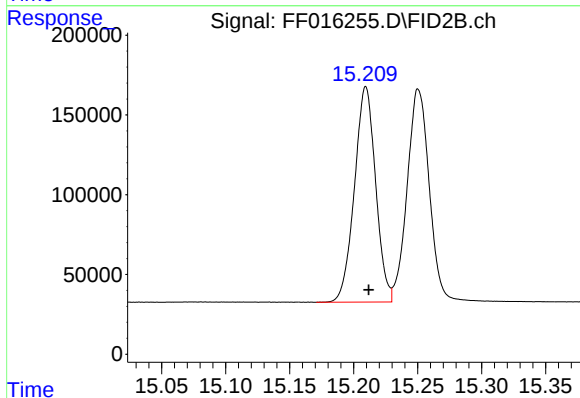
#12 Fluoranthene (C21.85)

R.T.: 13.029 min
Delta R.T.: -0.002 min
Response: 1652363
Conc: 11.89 ug/ml



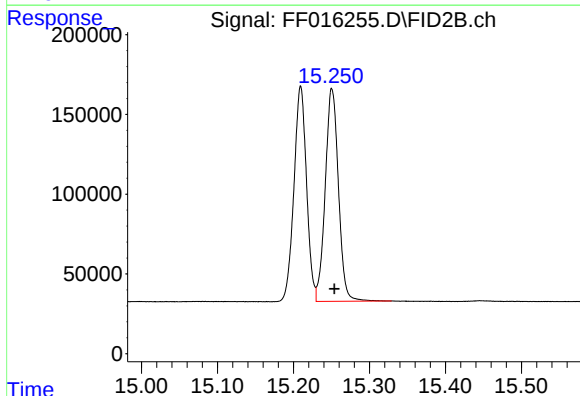
#13 Pyrene (C20.8)

R.T.: 13.328 min
Delta R.T.: -0.002 min
Response: 1633620
Conc: 11.90 ug/ml



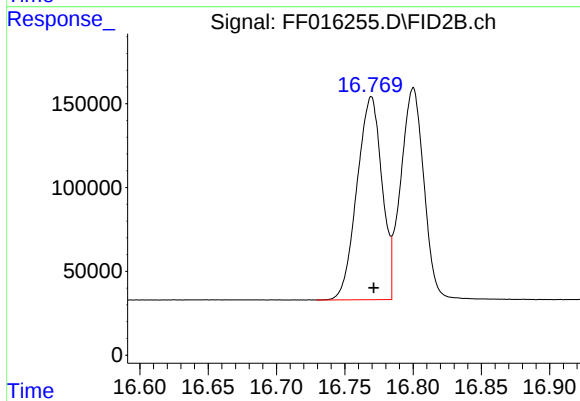
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.209 min
Delta R.T.: -0.002 min
Response: 1553949
Conc: 11.90 ug/ml



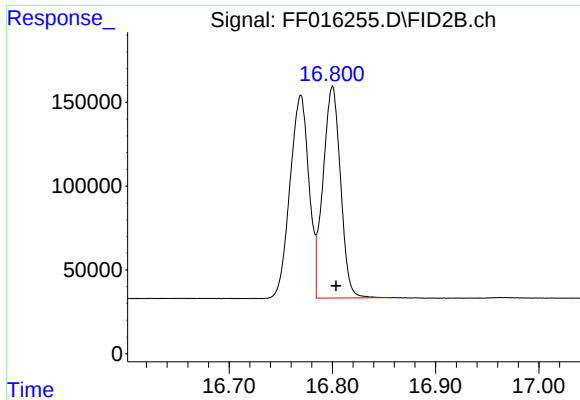
#15 Chrysene (C27.41)

R.T.: 15.251 min
Delta R.T.: -0.003 min
Response: 1611454
Conc: 12.08 ug/ml



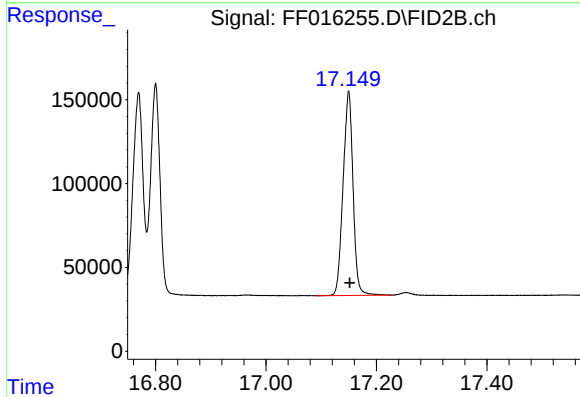
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.769 min
Delta R.T.: -0.002 min
Response: 1541992
Conc: 12.02 ug/ml



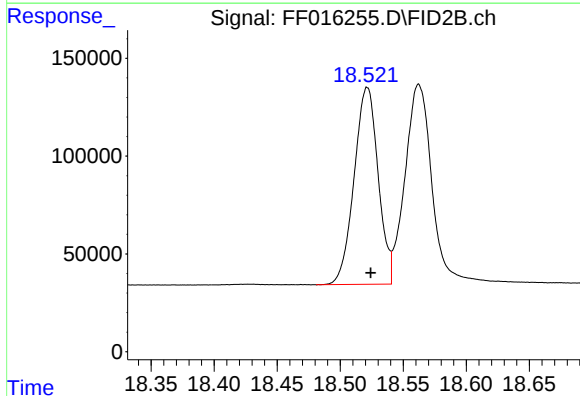
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.800 min
Delta R.T.: -0.003 min
Response: 1491164
Conc: 12.22 ug/ml



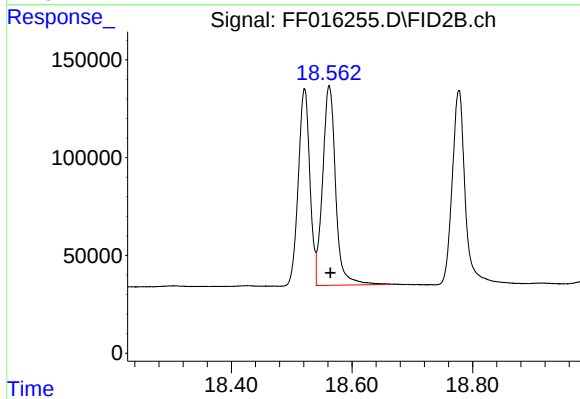
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.150 min
Delta R.T.: -0.002 min
Response: 1522458
Conc: 12.17 ug/ml



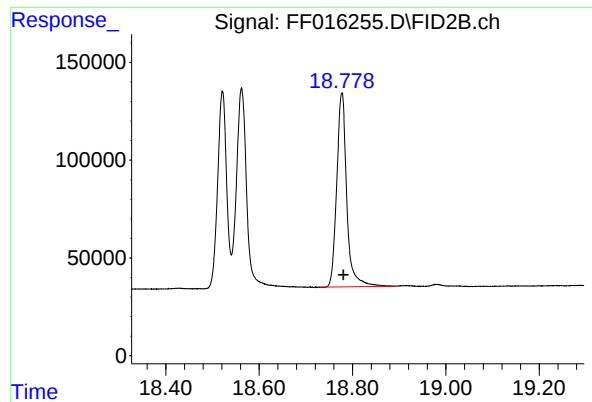
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.521 min
Delta R.T.: -0.003 min
Response: 1335426
Conc: 11.99 ug/ml



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

R.T.: 18.562 min
Delta R.T.: -0.002 min
Response: 1530719
Conc: 12.46 ug/ml



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

R.T.: 18.777 min
Delta R.T.: -0.003 min
Response: 1478524
Conc: 12.29 ug/ml