

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090325AR\
 Data File : FF016316.D
 Signal(s) : FID2B.ch
 Acq On : 03 Sep 2025 10:24
 Operator : YP\AJ
 Sample : Q2893-01
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 01:27:20 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...	8.033	5544799	46.382 ug/ml
Spiked Amount 50.000		Recovery =	92.76%
6) S 2-Fluorobiphenyl (SURR)	8.908	3633378	43.876 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.75%
11) S ortho-Terphenyl (SURR)	11.977	5932807	40.908 ug/ml
Spiked Amount 50.000		Recovery =	81.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.626	239540	1.848 ug/ml
2) T Naphthalene (C11.7)	6.302	253843	1.856 ug/ml
3) T 2-Methylnaphthalene (...)	7.402	258298	1.847 ug/ml
5) T Acenaphthylene (C15.06)	8.706	308458	2.197 ug/ml
7) T Acenaphthene (C15.5)	9.005	304729	2.174 ug/ml
8) T Fluorene (C16.55)	9.796	290821	2.081 ug/ml
9) T Phenanthrene (C19.36)	11.202	291613	2.068 ug/ml
10) T Anthracene (C19.43)	11.277	294844	2.132 ug/ml
12) T Fluoranthene (C21.85)	13.022	313230	2.221 ug/mlm
13) T Pyrene (C20.8)	13.321	305840	2.185 ug/mlm
14) T Benzo[a]anthracene (C...	15.205	287946	2.177 ug/ml
15) T Chrysene (C27.41)	15.246	388144	2.847 ug/ml
16) T benzo[b]fluoranthene ...	16.763	280348	2.151 ug/ml
17) T Bnezo[k]fluoranthene ...	16.793	317243	2.536 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.145	278586	2.180 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.518	262140	2.295 ug/ml
20) T Dibenz[a,h]anthracene...	18.560	304520	2.426 ug/ml
21) T Benzo[g,h,i]perylene ...	18.768	286378	2.322 ug/ml

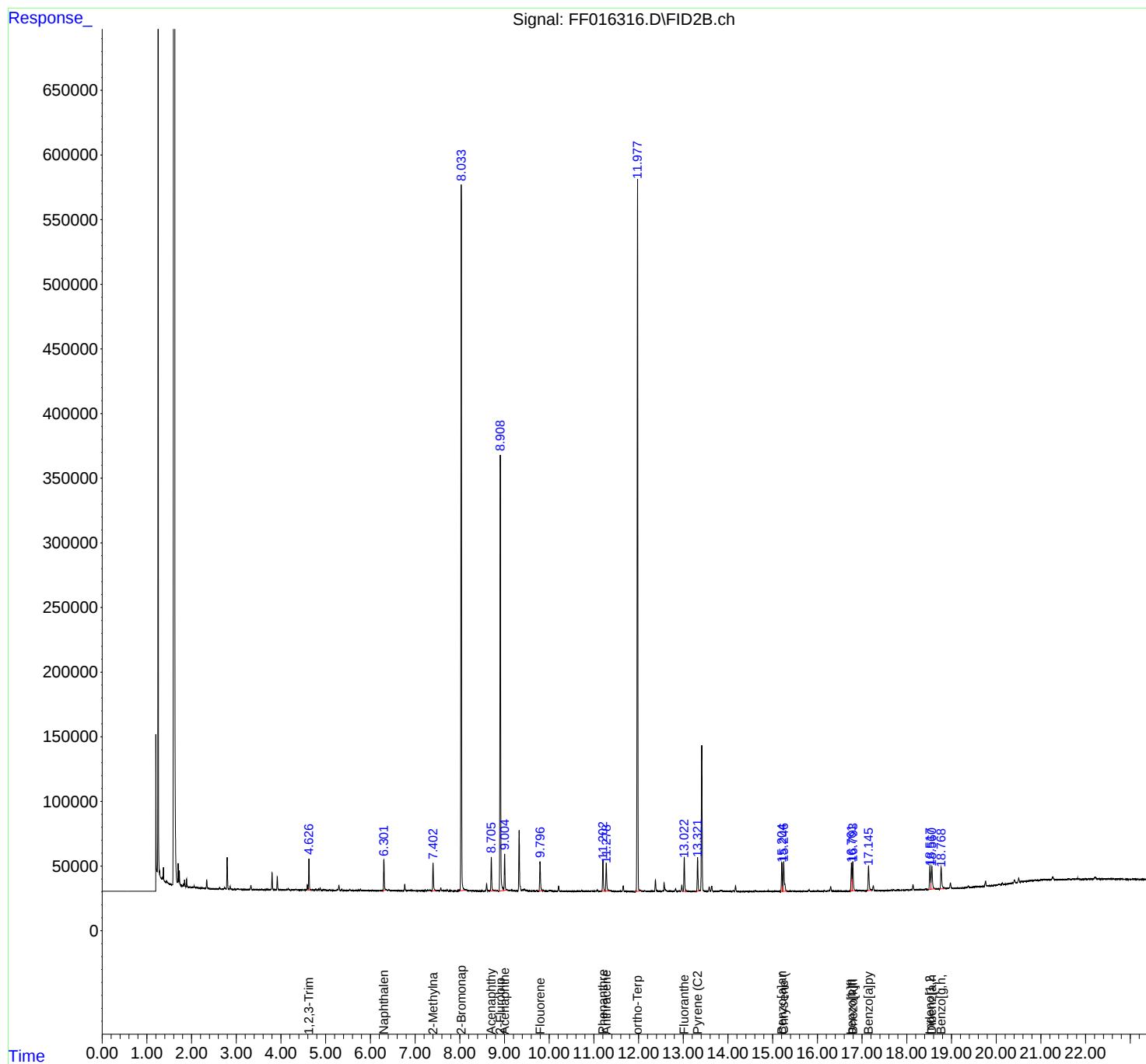
(f)=RT Delta > 1/2 Window

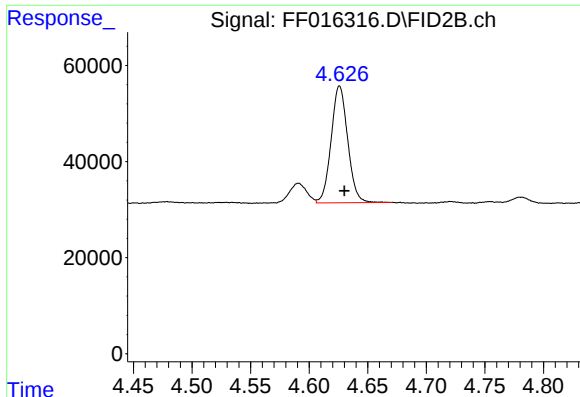
(m)=manual int.

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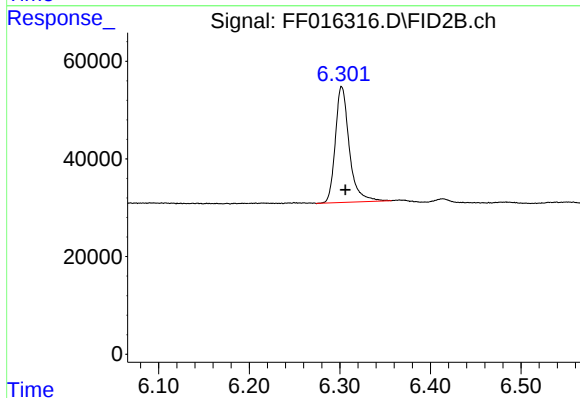
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





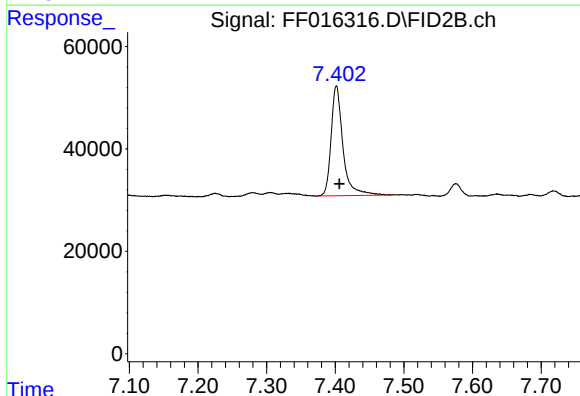
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.626 min
Delta R.T.: -0.004 min
Response: 239540
Conc: 1.85 ug/ml



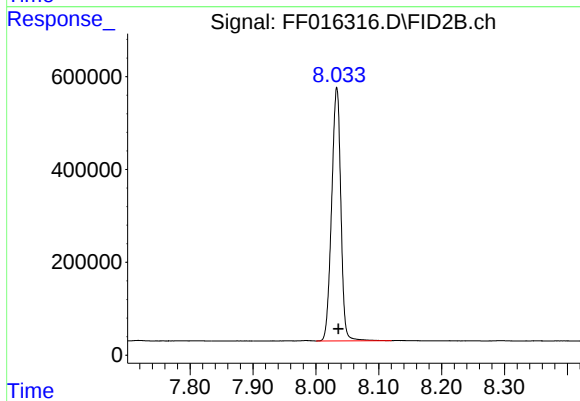
#2 Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.004 min
Response: 253843
Conc: 1.86 ug/ml



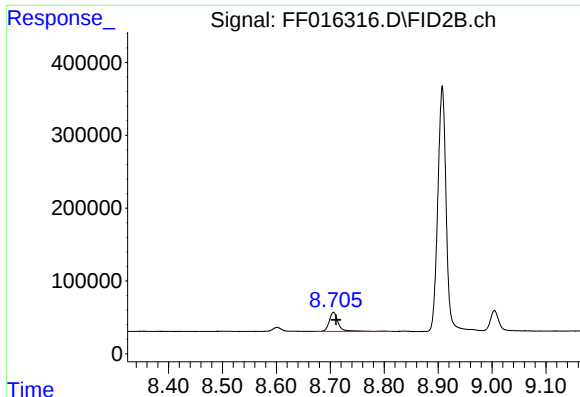
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: -0.004 min
Response: 258298
Conc: 1.85 ug/ml



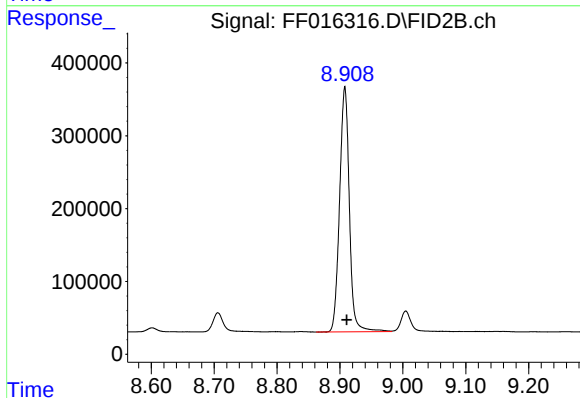
#4 2-Bromonaphthalene (SURR)

R.T.: 8.033 min
Delta R.T.: -0.003 min
Response: 5544799
Conc: 46.38 ug/ml



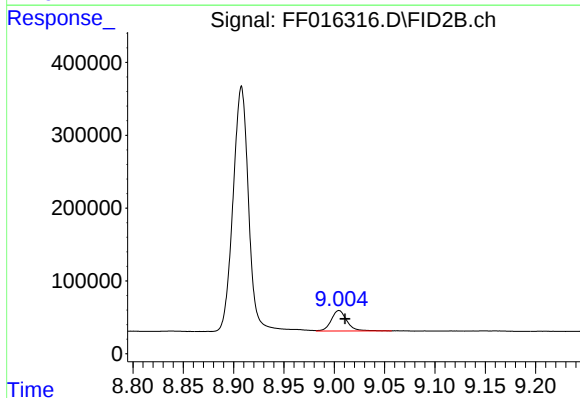
#5 Acenaphthylene (C15.06)

R.T.: 8.706 min
Delta R.T.: -0.005 min
Response: 308458
Conc: 2.20 ug/ml



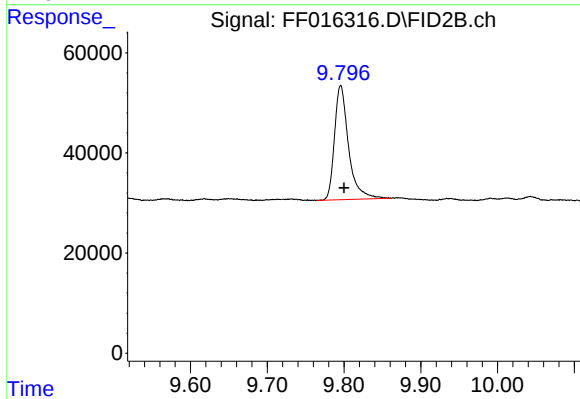
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.908 min
Delta R.T.: -0.003 min
Response: 3633378
Conc: 43.88 ug/ml



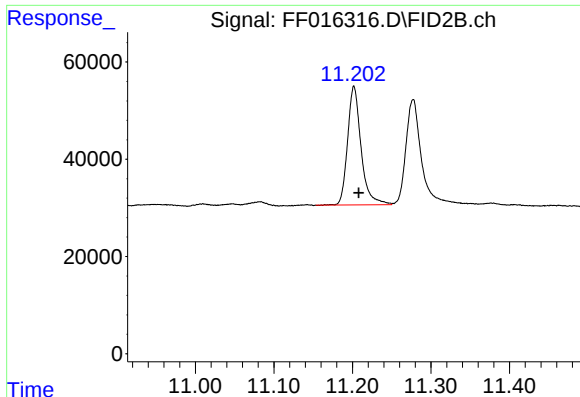
#7 Acenaphthene (C15.5)

R.T.: 9.005 min
Delta R.T.: -0.006 min
Response: 304729
Conc: 2.17 ug/ml



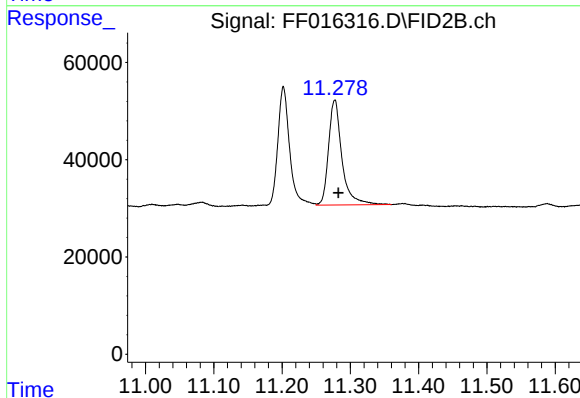
#8 Flouorene (C16.55)

R.T.: 9.796 min
Delta R.T.: -0.004 min
Response: 290821
Conc: 2.08 ug/ml



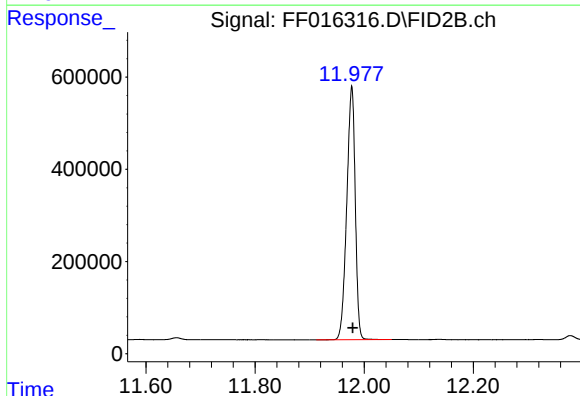
#9 Phenanthrene (C19.36)

R.T.: 11.202 min
Delta R.T.: -0.006 min
Response: 291613
Conc: 2.07 ug/ml



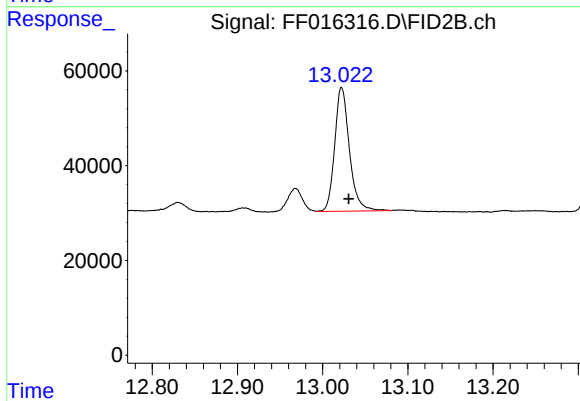
#10 Anthracene (C19.43)

R.T.: 11.277 min
Delta R.T.: -0.006 min
Response: 294844
Conc: 2.13 ug/ml



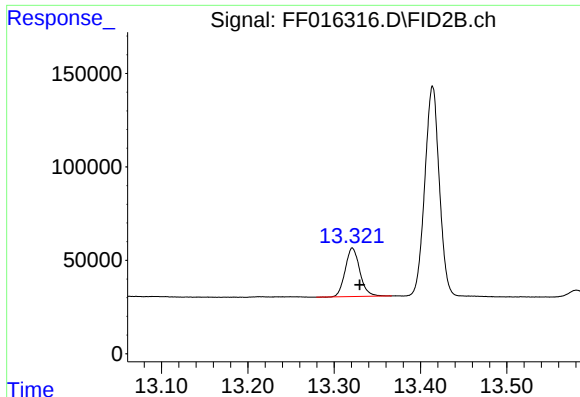
#11 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.002 min
Response: 5932807
Conc: 40.91 ug/ml



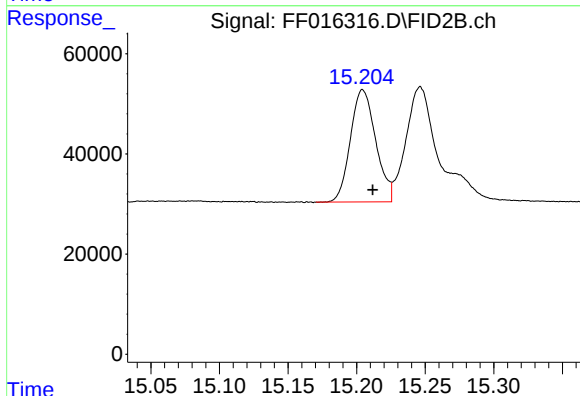
#12 Fluoranthene (C21.85)

R.T.: 13.022 min
Delta R.T.: -0.009 min
Response: 313230
Conc: 2.22 ug/ml m



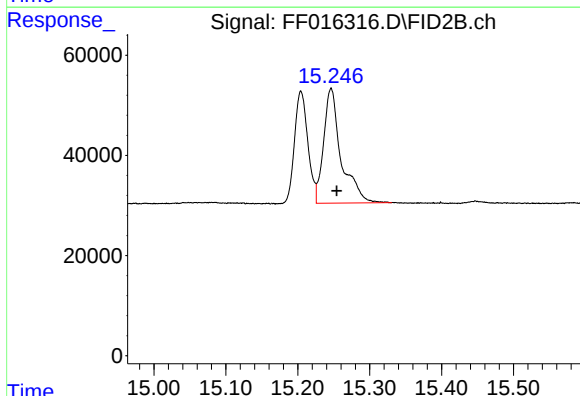
#13 Pyrene (C20.8)

R.T.: 13.321 min
Delta R.T.: -0.009 min
Response: 305840
Conc: 2.19 ug/ml m



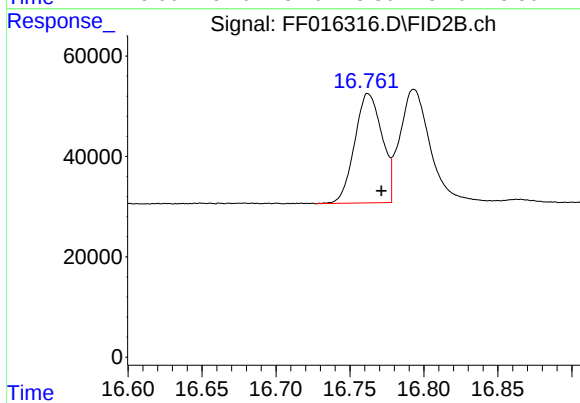
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.205 min
Delta R.T.: -0.007 min
Response: 287946
Conc: 2.18 ug/ml



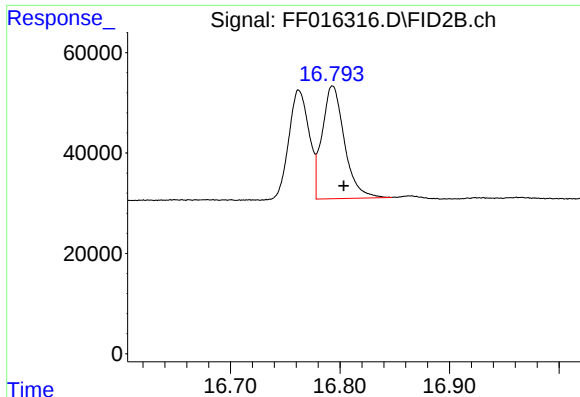
#15 Chrysene (C27.41)

R.T.: 15.246 min
Delta R.T.: -0.008 min
Response: 388144
Conc: 2.85 ug/ml



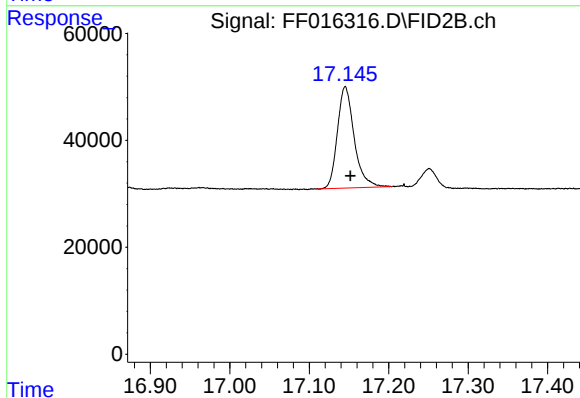
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.763 min
Delta R.T.: -0.009 min
Response: 280348
Conc: 2.15 ug/ml



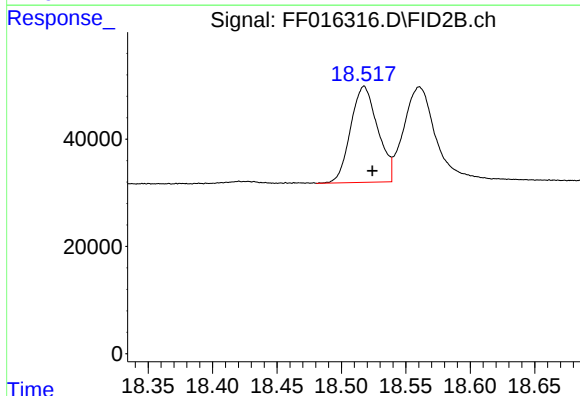
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.793 min
Delta R.T.: -0.010 min
Response: 317243
Conc: 2.54 ug/ml



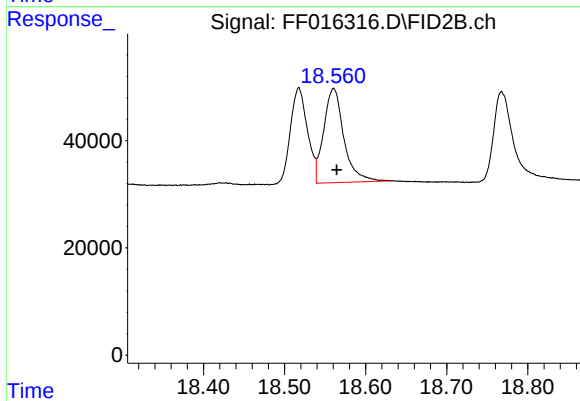
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.145 min
Delta R.T.: -0.006 min
Response: 278586
Conc: 2.18 ug/ml



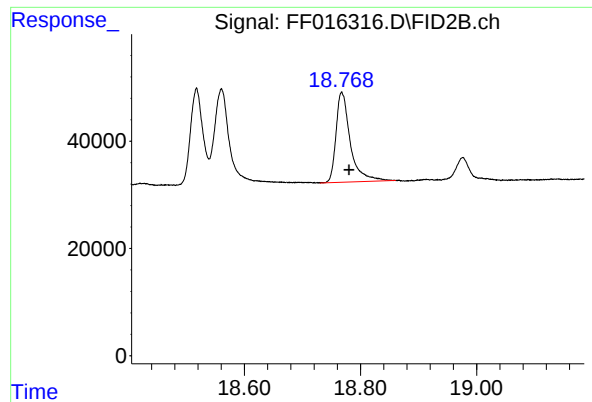
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.518 min
Delta R.T.: -0.007 min
Response: 262140
Conc: 2.29 ug/ml



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

R.T.: 18.560 min
Delta R.T.: -0.004 min
Response: 304520
Conc: 2.43 ug/ml



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

R.T.: 18.768 min
Delta R.T.: -0.012 min
Response: 286378
Conc: 2.32 ug/ml