

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090325AR\
 Data File : FF016313.D
 Signal(s) : FID2B.ch
 Acq On : 03 Sep 2025 08:26
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 01:26:02 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...	8.031	2373423	19.854 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
6) S 2-Fluorobiphenyl (SURR)	8.907	1625563	19.630 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.26%
11) S ortho-Terphenyl (SURR)	11.974	2741045	18.900 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.626	2557550	19.736 ug/ml
2) T Naphthalene (C11.7)	6.302	2645688	19.340 ug/ml
3) T 2-Methylnaphthalene (...)	7.401	2612215	18.678 ug/ml
5) T Acenaphthylene (C15.06)	8.706	2699160	19.225 ug/ml
7) T Acenaphthene (C15.5)	9.006	2641481	18.846 ug/ml
8) T Fluorene (C16.55)	9.795	2689722	19.249 ug/ml
9) T Phenanthrene (C19.36)	11.203	2658165	18.852 ug/ml
10) T Anthracene (C19.43)	11.278	2419629	17.500 ug/ml
12) T Fluoranthene (C21.85)	13.024	2643470	18.740 ug/mlm
13) T Pyrene (C20.8)	13.324	2620864	18.727 ug/ml
14) T Benzo[a]anthracene (C...	15.206	2476373	18.725 ug/ml
15) T Chrysene (C27.41)	15.248	2523196	18.511 ug/ml
16) T benzo[b]fluoranthene ...	16.765	2431328	18.657 ug/ml
17) T Bnezo[k]fluoranthene ...	16.798	2447915	19.567 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.146	2288297	17.906 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.519	2079256	18.201 ug/ml
20) T Dibenz[a,h]anthracene...	18.559	2339030	18.634 ug/ml
21) T Benzo[g,h,i]perylene ...	18.775	2260453	18.330 ug/ml

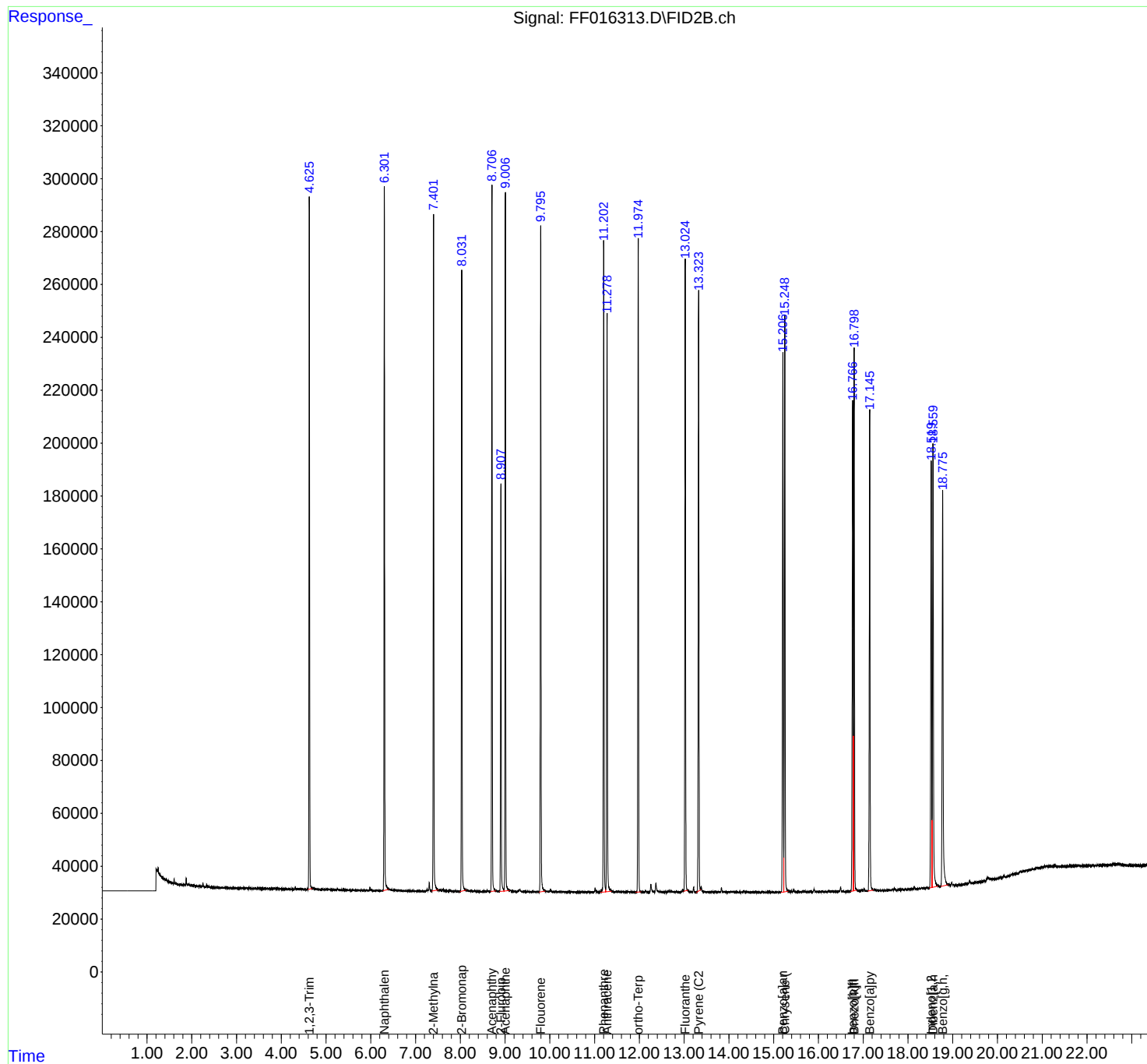
(f)=RT Delta > 1/2 Window

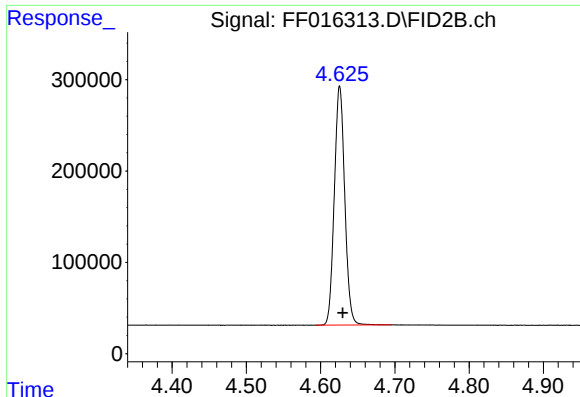
(m)=manual int.

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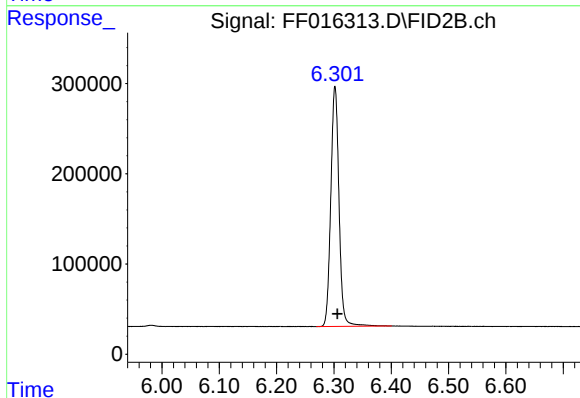
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Signal Info : 20M x 0.18mm x 0.18µm





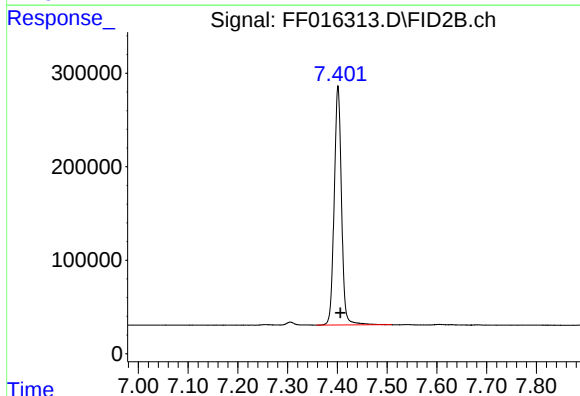
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.626 min
Delta R.T.: -0.004 min
Response: 2557550
Conc: 19.74 ug/ml



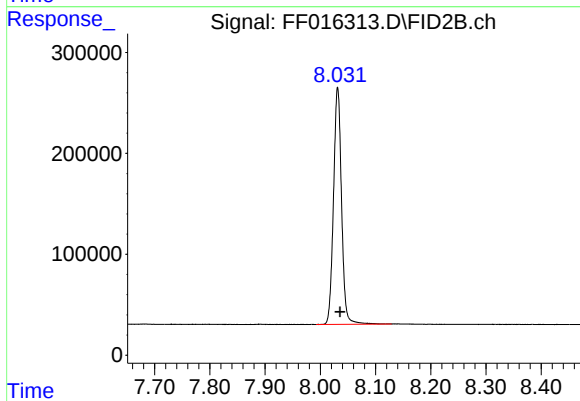
#2 Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.004 min
Response: 2645688
Conc: 19.34 ug/ml



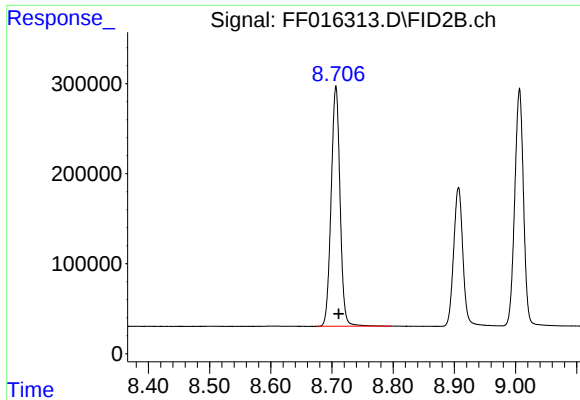
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.401 min
Delta R.T.: -0.005 min
Response: 2612215
Conc: 18.68 ug/ml



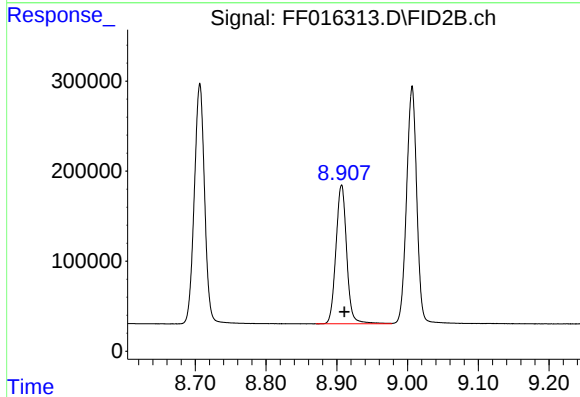
#4 2-Bromonaphthalene (SURR)

R.T.: 8.031 min
Delta R.T.: -0.004 min
Response: 2373423
Conc: 19.85 ug/ml



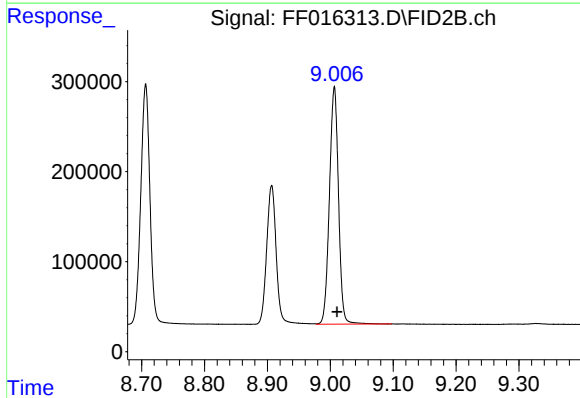
#5 Acenaphthylene (C15.06)

R.T.: 8.706 min
Delta R.T.: -0.005 min
Response: 2699160
Conc: 19.22 ug/ml



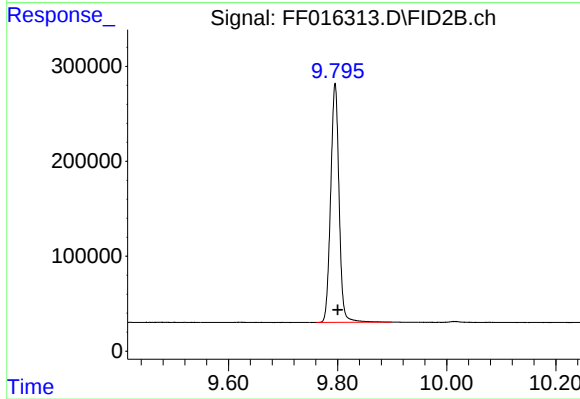
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.907 min
Delta R.T.: -0.004 min
Response: 1625563
Conc: 19.63 ug/ml



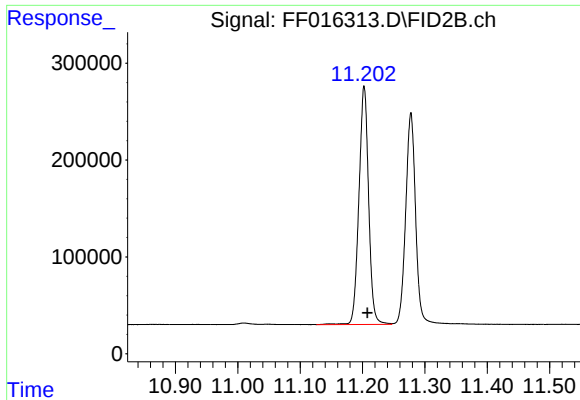
#7 Acenaphthene (C15.5)

R.T.: 9.006 min
Delta R.T.: -0.005 min
Response: 2641481
Conc: 18.85 ug/ml



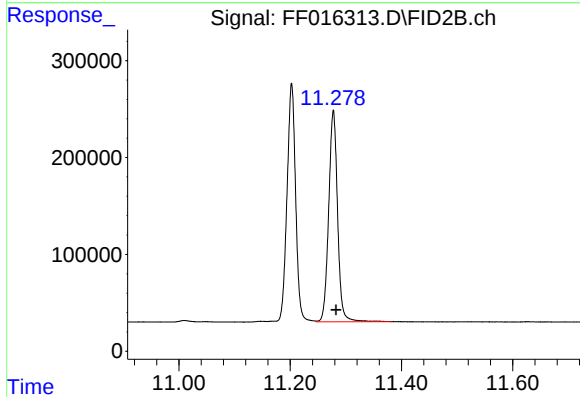
#8 Flouorene (C16.55)

R.T.: 9.795 min
Delta R.T.: -0.005 min
Response: 2689722
Conc: 19.25 ug/ml



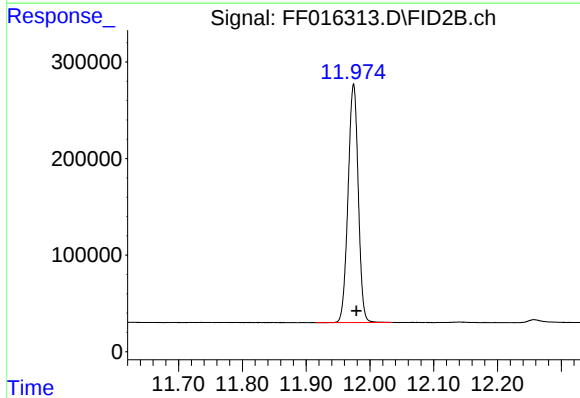
#9 Phenanthrene (C19.36)

R.T.: 11.203 min
Delta R.T.: -0.005 min
Response: 2658165
Conc: 18.85 ug/ml



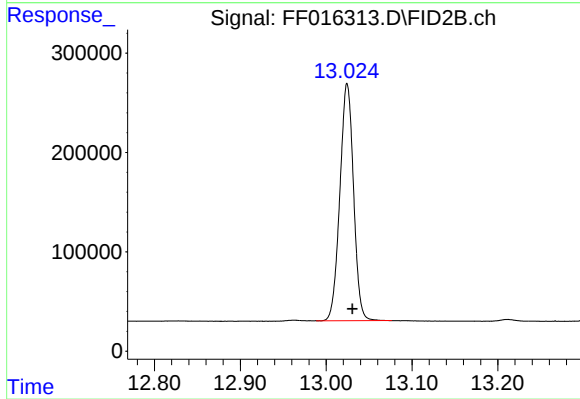
#10 Anthracene (C19.43)

R.T.: 11.278 min
Delta R.T.: -0.005 min
Response: 2419629
Conc: 17.50 ug/ml



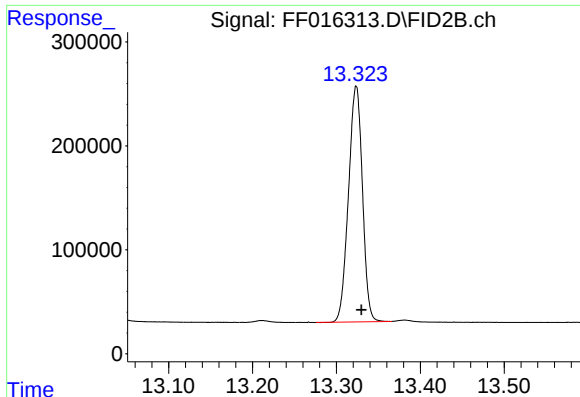
#11 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: -0.004 min
Response: 2741045
Conc: 18.90 ug/ml



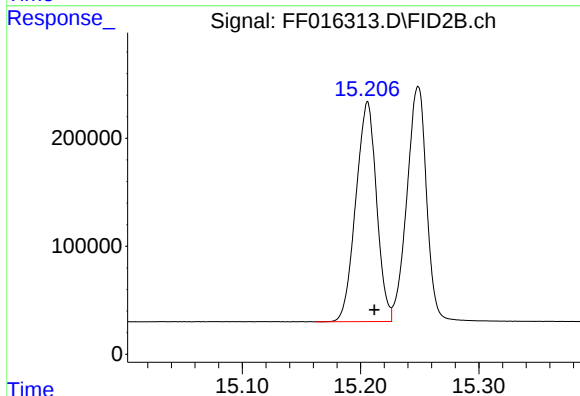
#12 Fluoranthene (C21.85)

R.T.: 13.024 min
Delta R.T.: -0.007 min
Response: 2643470
Conc: 18.74 ug/ml m



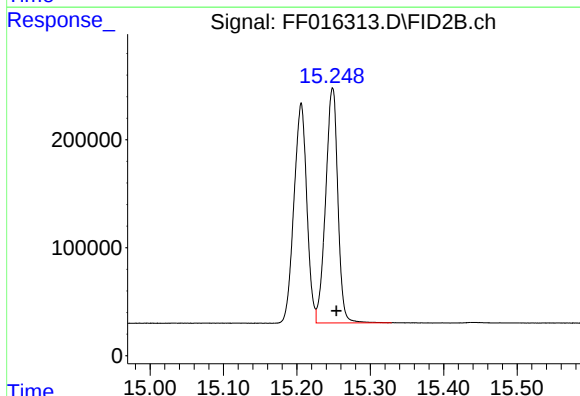
#13 Pyrene (C20.8)

R.T.: 13.324 min
Delta R.T.: -0.006 min
Response: 2620864
Conc: 18.73 ug/ml



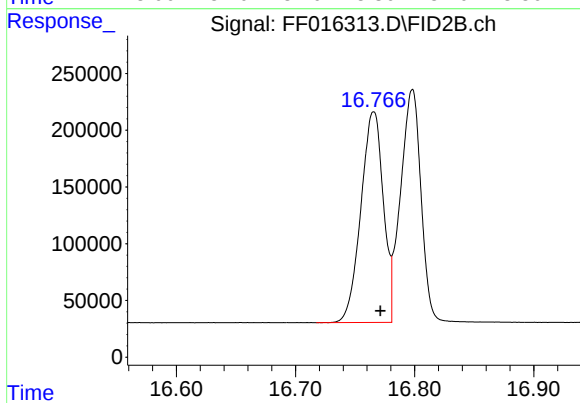
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.206 min
Delta R.T.: -0.006 min
Response: 2476373
Conc: 18.72 ug/ml



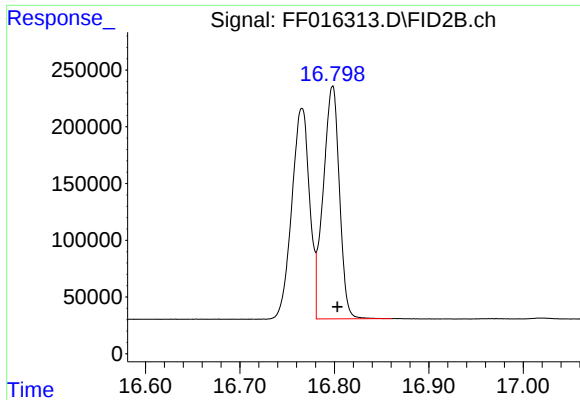
#15 Chrysene (C27.41)

R.T.: 15.248 min
Delta R.T.: -0.005 min
Response: 2523196
Conc: 18.51 ug/ml



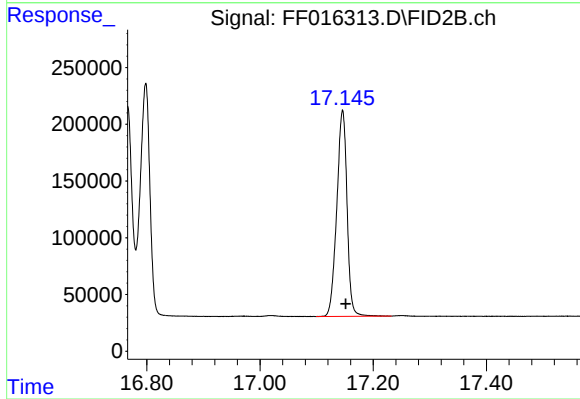
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.765 min
Delta R.T.: -0.006 min
Response: 2431328
Conc: 18.66 ug/ml



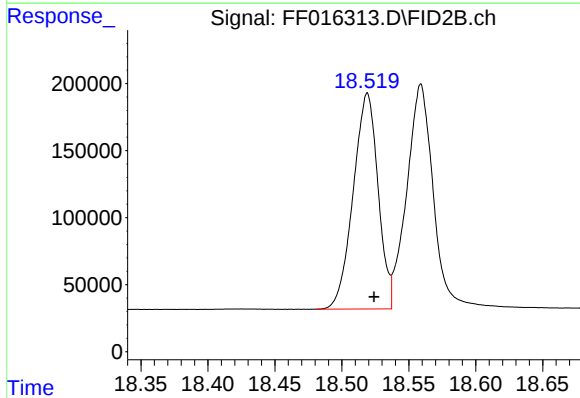
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.798 min
Delta R.T.: -0.006 min
Response: 2447915
Conc: 19.57 ug/ml



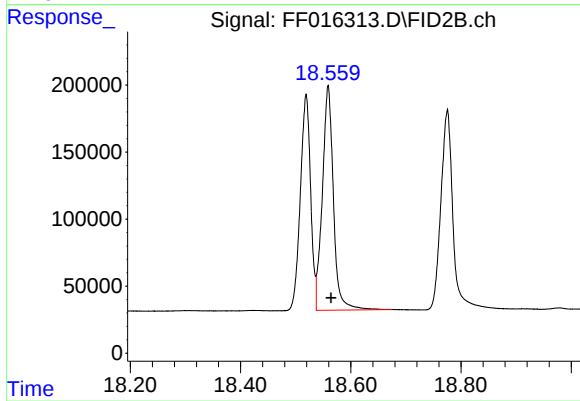
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.146 min
Delta R.T.: -0.006 min
Response: 2288297
Conc: 17.91 ug/ml



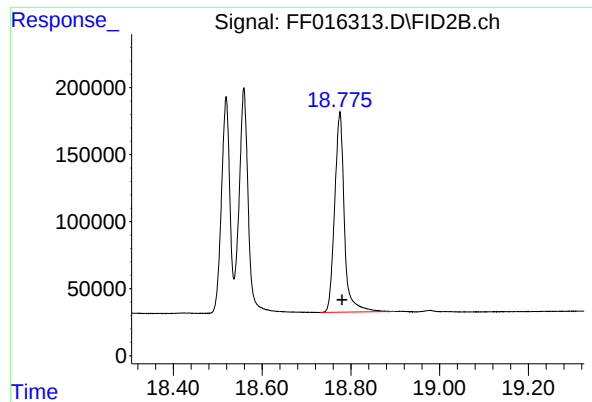
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.519 min
Delta R.T.: -0.005 min
Response: 2079256
Conc: 18.20 ug/ml



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

R.T.: 18.559 min
Delta R.T.: -0.005 min
Response: 2339030
Conc: 18.63 ug/ml



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

R.T.: 18.775 min
Delta R.T.: -0.005 min
Response: 2260453
Conc: 18.33 ug/ml