

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112423AR\
 Data File : FD046966.D
 Signal(s) : FID2B.ch
 Acq On : 24 Nov 2023 10:57
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 24 12:21:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 12:14:51 2023
 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...	7.479	8293080	48.928 ug/ml
Spiked Amount 50.000		Recovery =	97.86%
6) S 2-Fluorobiphenyl (SURR)	8.333	5371681	49.243 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.49%
11) S ortho-Terphenyl (SURR)	11.371	9522446	49.096 ug/ml
Spiked Amount 50.000		Recovery =	98.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.292	8784026	48.824 ug/ml
2) T Naphthalene (C11.7)	5.818	9071083	48.775 ug/ml
3) T 2-Methylnaphthalene (...)	6.867	9144832	48.948 ug/ml
5) T Acenaphthylene (C15.06)	8.137	8342090	49.022 ug/ml
7) T Acenaphthene (C15.5)	8.432	8863903	48.966 ug/ml
8) T Flouorene (C16.55)	9.211	8472648	49.221 ug/ml
9) T Phenanthrene (C19.36)	10.599	8085303	49.407 ug/ml
10) T Anthracene (C19.43)	10.675	7620897	49.538 ug/ml
12) T Fluoranthene (C21.85)	12.403	7816678	49.572 ug/ml
13) T Pyrene (C20.8)	12.697	7560240	49.465 ug/ml
14) T Benzo[a]anthracene (C...	14.560	6469938	49.793 ug/ml
15) T Chrysene (C27.41)	14.604	6890714	49.574 ug/ml
16) T benzo[b]fluoranthene ...	16.103	6557437	49.590 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	6538855	49.848 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	6398449	49.660 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	6039964	49.472 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	6033049	49.401 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	6342754	49.433 ug/ml

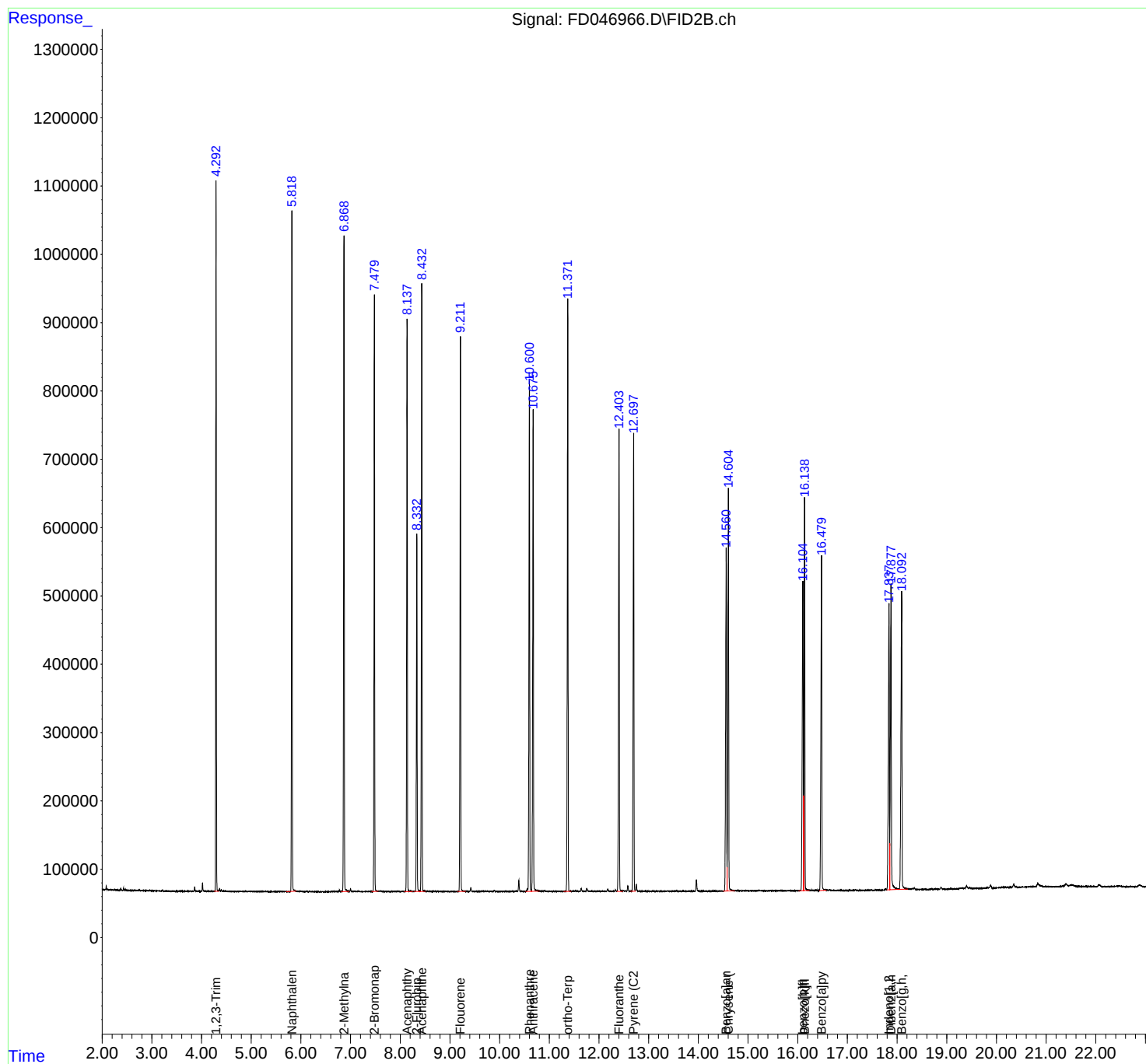
(f)=RT Delta > 1/2 Window

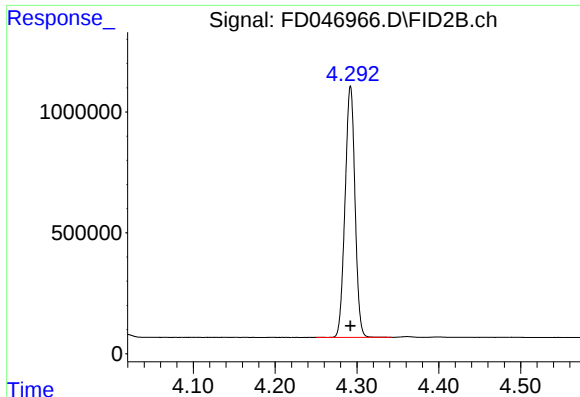
(m)=manual int.

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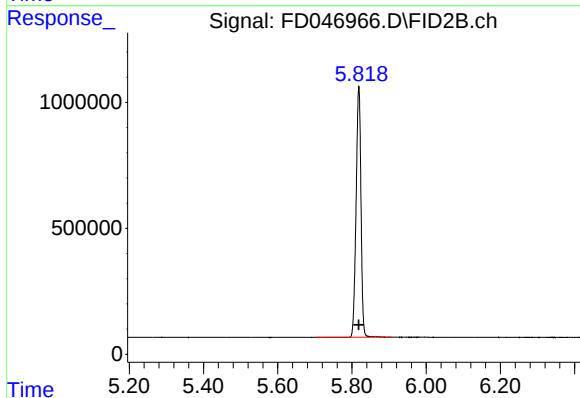
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Signal Info : 20M x 0.18mm x 0.18µm





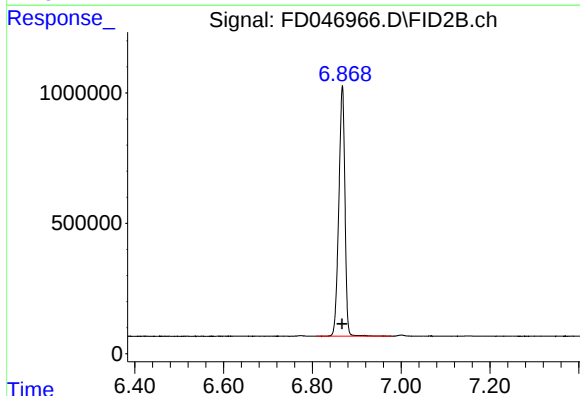
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.292 min
Delta R.T.: 0.000 min
Response: 8784026
Conc: 48.82 ug/ml



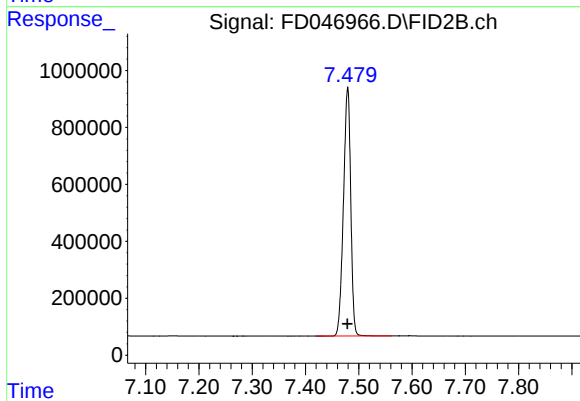
#2 Naphthalene (C11.7)

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 9071083
Conc: 48.77 ug/ml



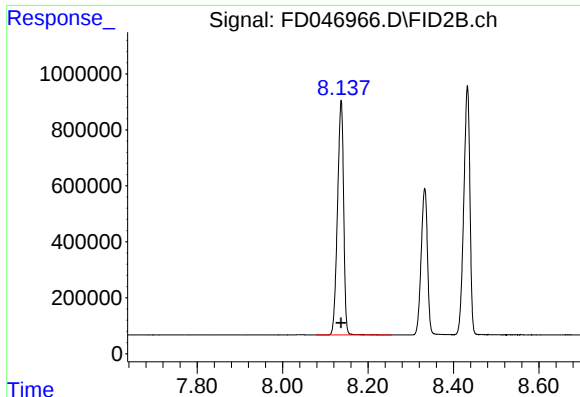
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 9144832
Conc: 48.95 ug/ml



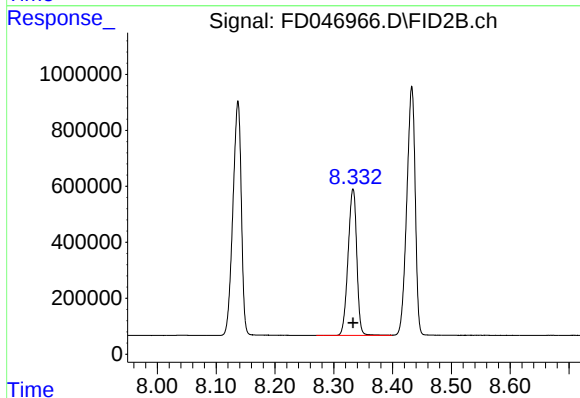
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 8293080
Conc: 48.93 ug/ml



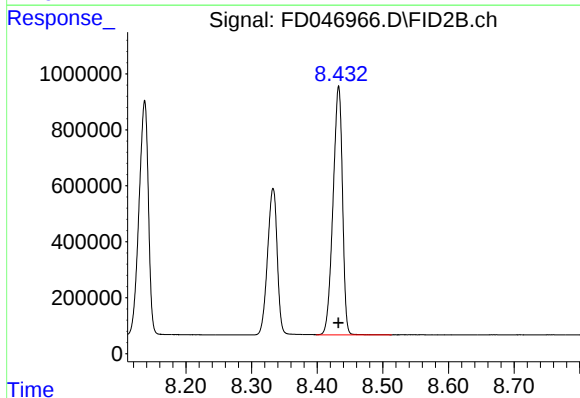
#5 Acenaphthylene (C15.06)

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 8342090
Conc: 49.02 ug/ml



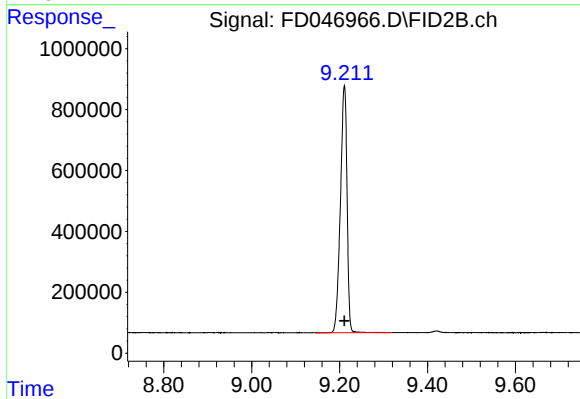
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 5371681
Conc: 49.24 ug/ml



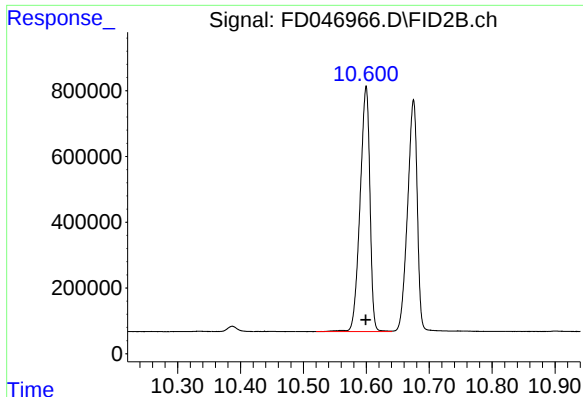
#7 Acenaphthene (C15.5)

R.T.: 8.432 min
Delta R.T.: 0.000 min
Response: 8863903
Conc: 48.97 ug/ml



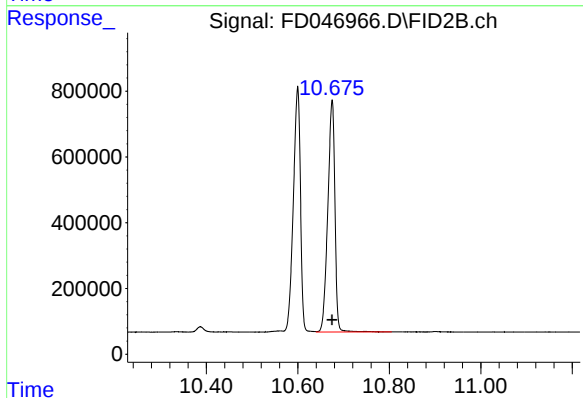
#8 Fluorene (C16.55)

R.T.: 9.211 min
Delta R.T.: 0.000 min
Response: 8472648
Conc: 49.22 ug/ml



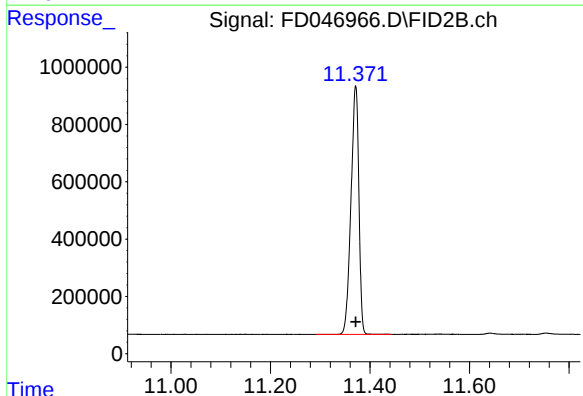
#9 Phenanthrene (C19.36)

R.T.: 10.599 min
Delta R.T.: 0.000 min
Response: 8085303
Conc: 49.41 ug/ml



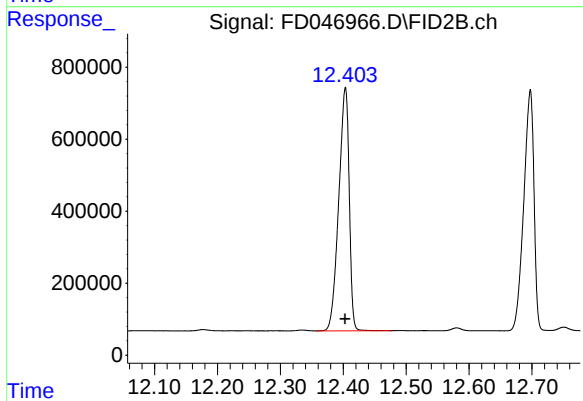
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: 0.000 min
Response: 7620897
Conc: 49.54 ug/ml



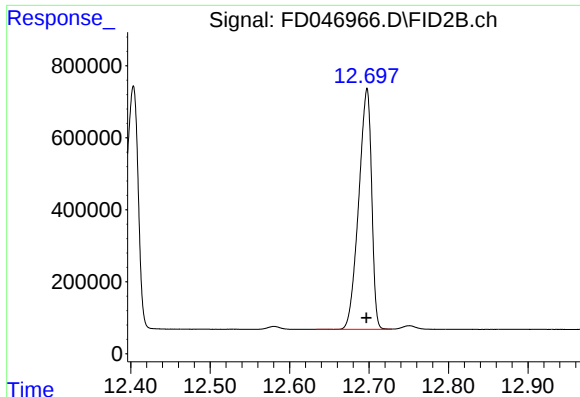
#11 ortho-Terphenyl (SURR)

R.T.: 11.371 min
Delta R.T.: 0.000 min
Response: 9522446
Conc: 49.10 ug/ml



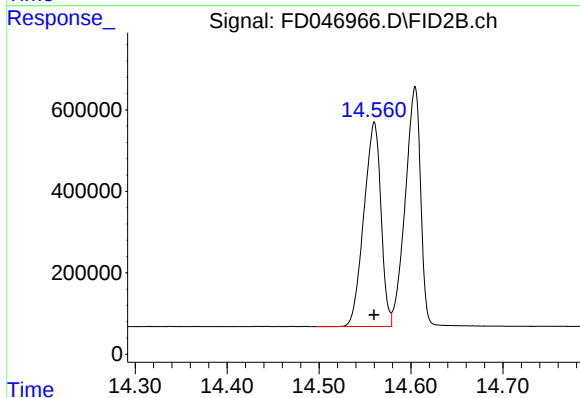
#12 Fluoranthene (C21.85)

R.T.: 12.403 min
Delta R.T.: 0.000 min
Response: 7816678
Conc: 49.57 ug/ml



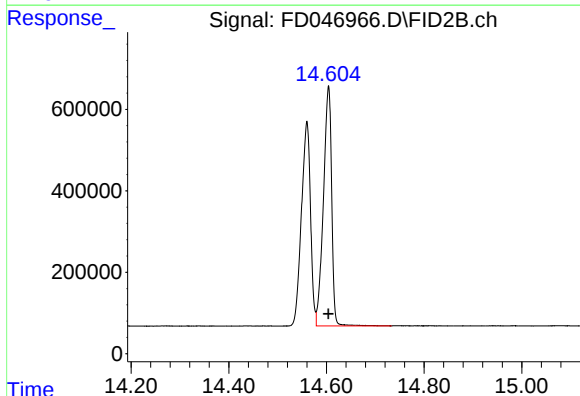
#13 Pyrene (C20.8)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 7560240
Conc: 49.46 ug/ml



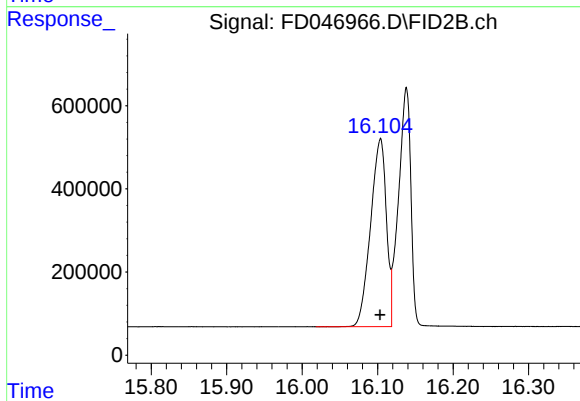
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: 0.000 min
Response: 6469938
Conc: 49.79 ug/ml



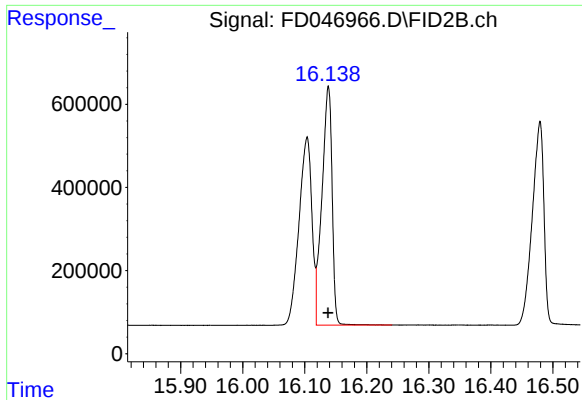
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: 0.000 min
Response: 6890714
Conc: 49.57 ug/ml



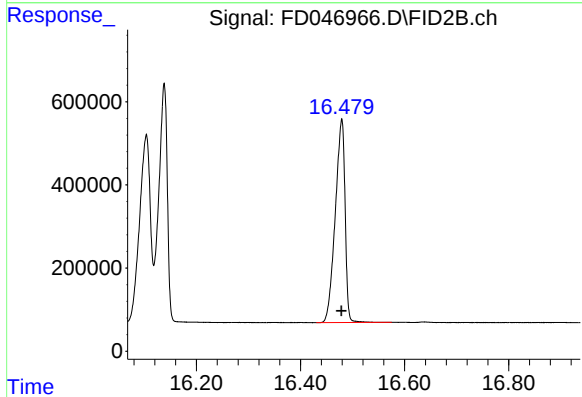
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.103 min
Delta R.T.: 0.000 min
Response: 6557437
Conc: 49.59 ug/ml



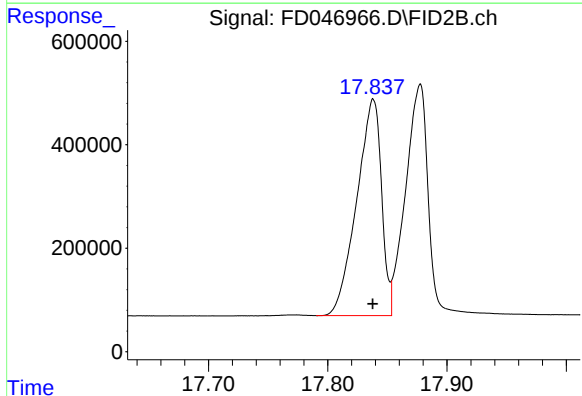
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.138 min
Delta R.T.: 0.000 min
Response: 6538855
Conc: 49.85 ug/ml



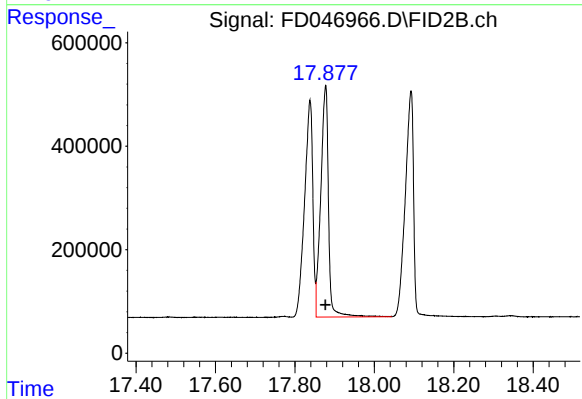
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: 0.000 min
Response: 6398449
Conc: 49.66 ug/ml



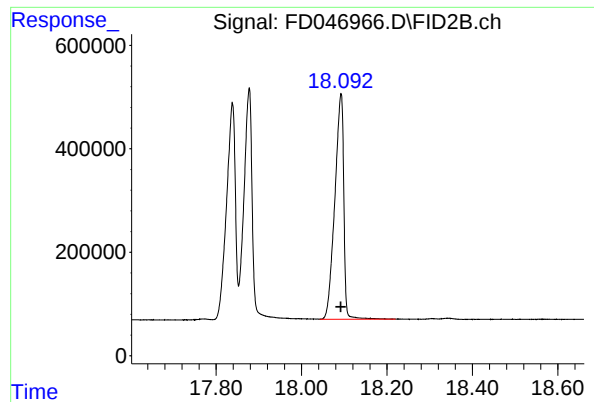
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: 0.000 min
Response: 6039964
Conc: 49.47 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.000 min
Response: 6033049
Conc: 49.40 ug/ml



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

R.T.: 18.092 min
Delta R.T.: 0.000 min
Response: 6342754
Conc: 49.43 ug/ml