

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050523AR\
 Data File : FD045604.D
 Signal(s) : FID2B.ch
 Acq On : 05 May 2023 20:22
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 06 02:23:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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

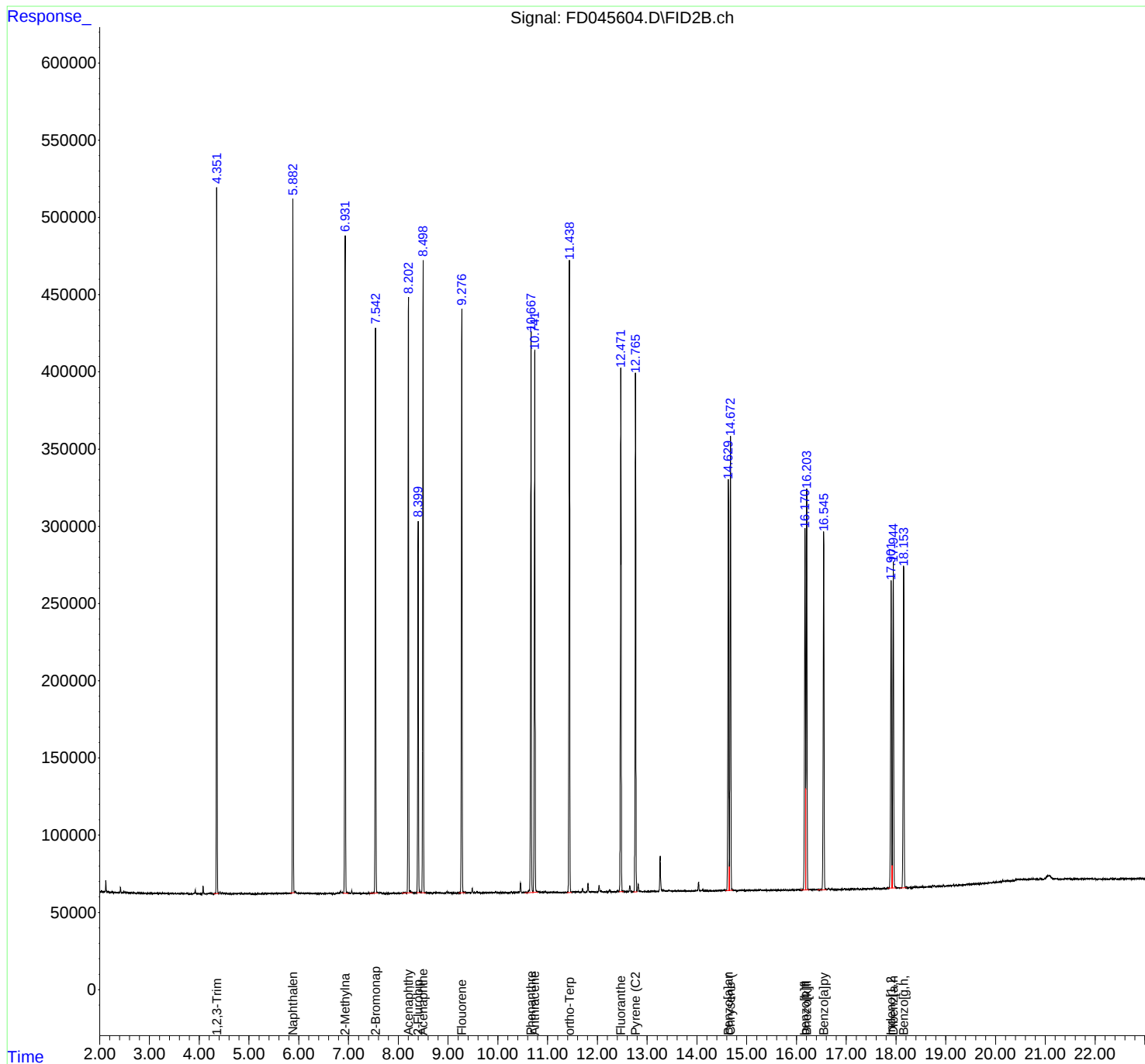
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.543	3524514	20.663 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
6) S 2-Fluorobiphenyl (SURR)	8.399	2381279	20.711 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.42%
11) S ortho-Terphenyl (SURR)	11.438	4362208	20.662 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	3866811	20.715 ug/ml
2) T Naphthalene (C11.7)	5.882	4068616	20.684 ug/ml
3) T 2-Methylnaphthalene (...)	6.931	4117618	20.844 ug/ml
5) T Acenaphthylene (C15.06)	8.203	3753572	20.892 ug/ml
7) T Acenaphthene (C15.5)	8.498	3952281	20.769 ug/ml
8) T Fluorene (C16.55)	9.276	3920855	20.790 ug/ml
9) T Phenanthrene (C19.36)	10.667	3857010	20.751 ug/ml
10) T Anthracene (C19.43)	10.741	3668247	20.519 ug/ml
12) T Fluoranthene (C21.85)	12.471	3706987	20.549 ug/ml
13) T Pyrene (C20.8)	12.766	3618061	20.644 ug/ml
14) T Benzo[a]anthracene (C...	14.629	3250068	20.419 ug/ml
15) T Chrysene (C27.41)	14.672	3326775	20.488 ug/ml
16) T benzo[b]fluoranthene ...	16.170	3025399	20.542 ug/ml
17) T Bnezo[k]fluoranthene ...	16.204	2959982	20.471 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.546	2867980	20.570 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.901	2574567	20.264 ug/ml
20) T Dibenz[a,h]anthracene...	17.944	2631422	20.489 ug/ml
21) T Benzo[g,h,i]perylene ...	18.154	2626132	20.417 ug/ml

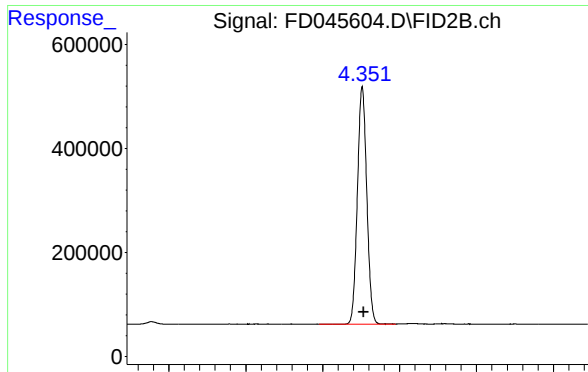
(f)=RT Delta > 1/2 Window

(m)=manual int.

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

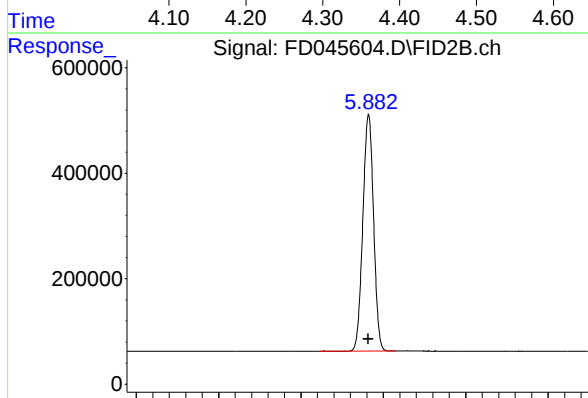




#1 1,2,3-Trimethylbenzene (C10.1)

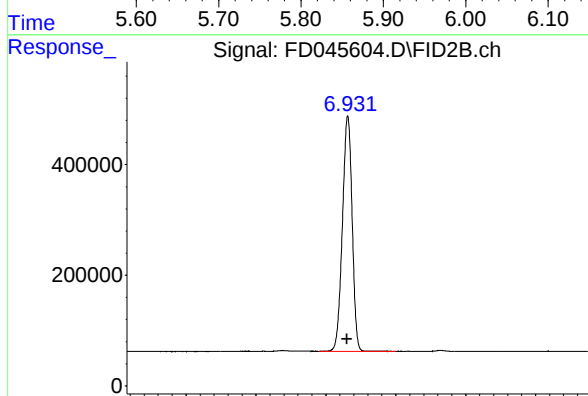
R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 3866811
Conc: 20.72 ug/ml

Instrument :
FID_D
ClientSampleId :



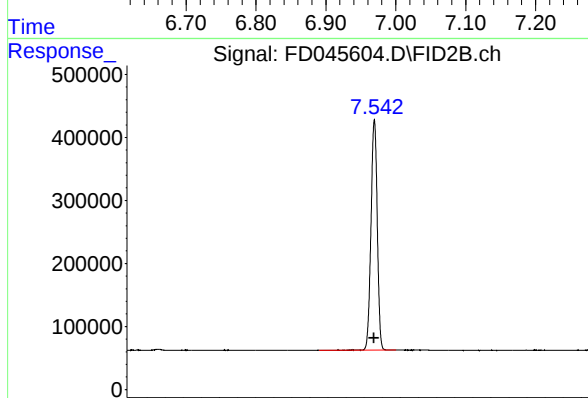
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 4068616
Conc: 20.68 ug/ml



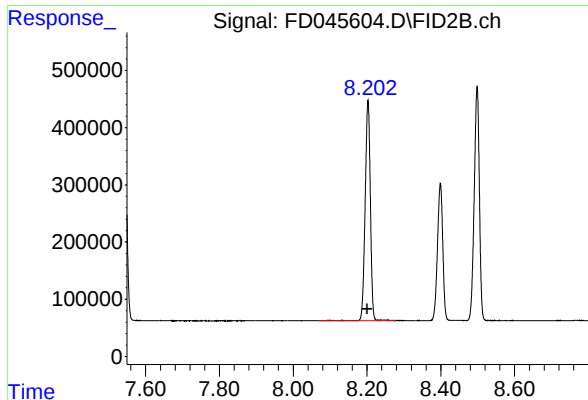
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.931 min
Delta R.T.: 0.001 min
Response: 4117618
Conc: 20.84 ug/ml



#4 2-Bromonaphthalene (SURR)

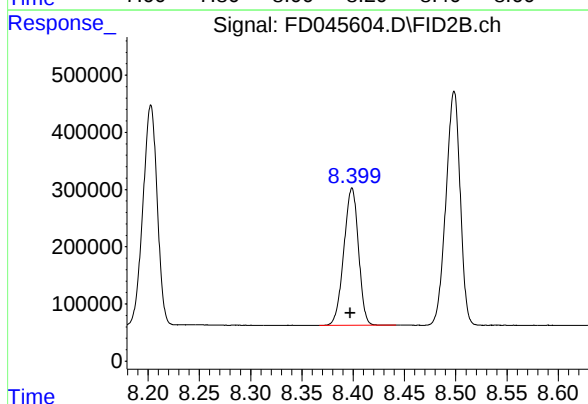
R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 3524514
Conc: 20.66 ug/ml



#5 Acenaphthylene (C15.06)

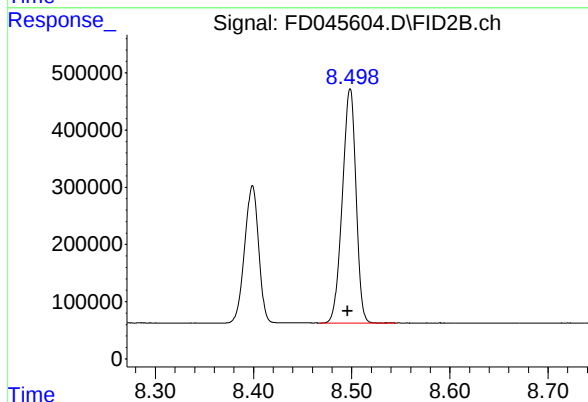
R.T.: 8.203 min
Delta R.T.: 0.002 min
Response: 3753572
Conc: 20.89 ug/ml

Instrument :
FID_D
ClientSampleId :



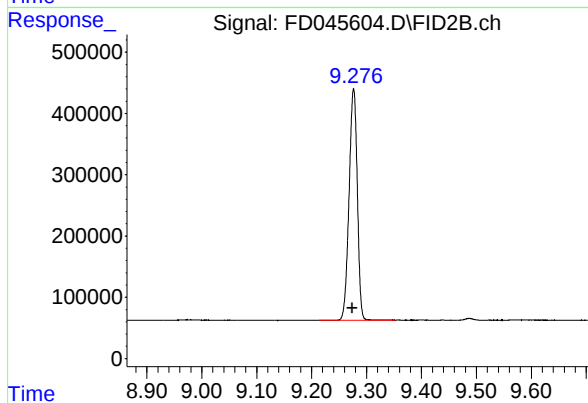
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 2381279
Conc: 20.71 ug/ml



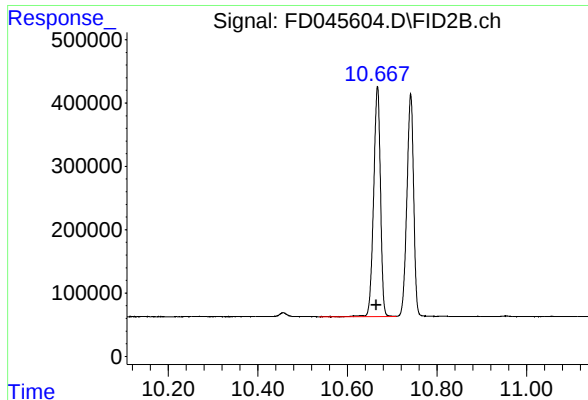
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 3952281
Conc: 20.77 ug/ml



#8 Fluorene (C16.55)

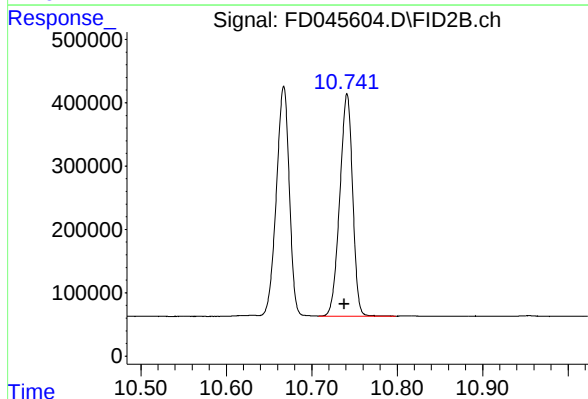
R.T.: 9.276 min
Delta R.T.: 0.002 min
Response: 3920855
Conc: 20.79 ug/ml



#9 Phenanthrene (C19.36)

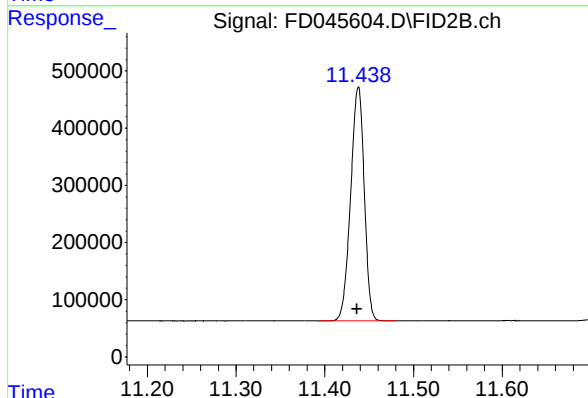
R.T.: 10.667 min
Delta R.T.: 0.003 min
Response: 3857010
Conc: 20.75 ug/ml

Instrument :
FID_D
ClientSampleId :



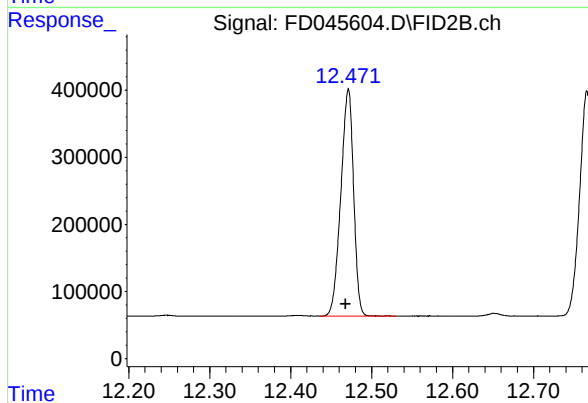
#10 Anthracene (C19.43)

R.T.: 10.741 min
Delta R.T.: 0.003 min
Response: 3668247
Conc: 20.52 ug/ml



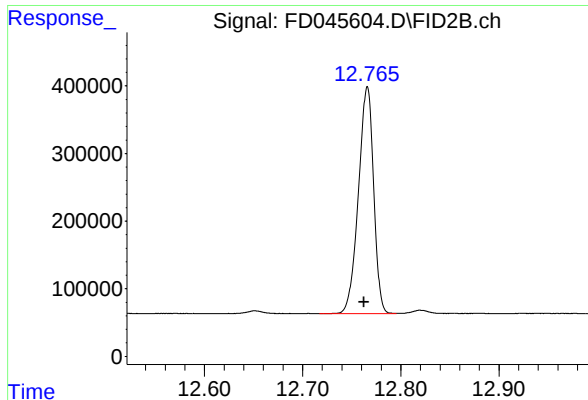
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min
Delta R.T.: 0.001 min
Response: 4362208
Conc: 20.66 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.471 min
Delta R.T.: 0.003 min
Response: 3706987
Conc: 20.55 ug/ml



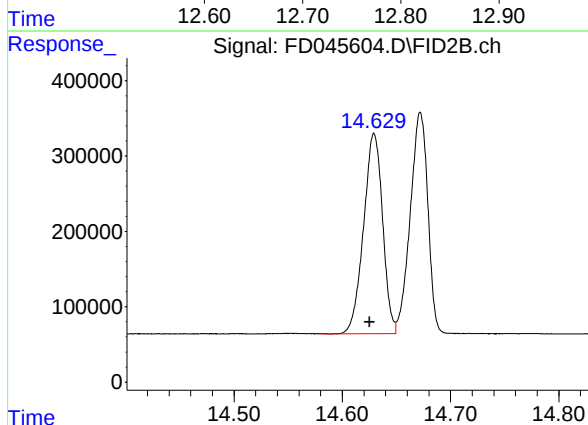
#13 Pyrene (C20.8)

R.T.: 12.766 min
Delta R.T.: 0.003 min
Response: 3618061
Conc: 20.64 ug/ml

Instrument :

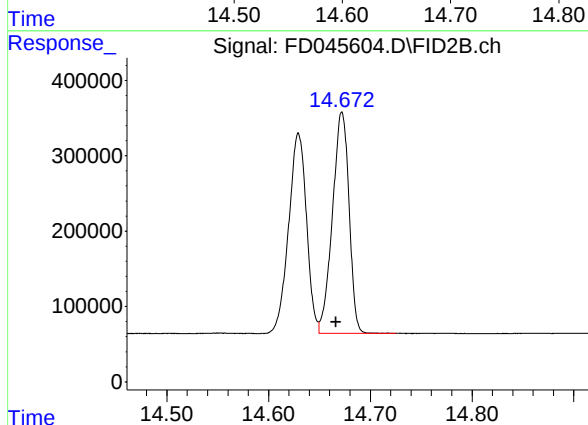
FID_D

ClientSampleId :



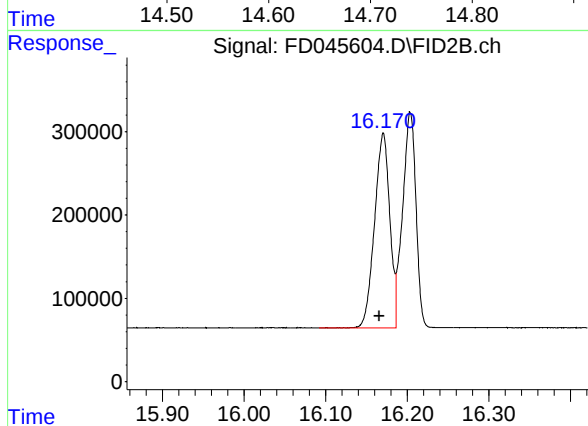
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.629 min
Delta R.T.: 0.004 min
Response: 3250068
Conc: 20.42 ug/ml



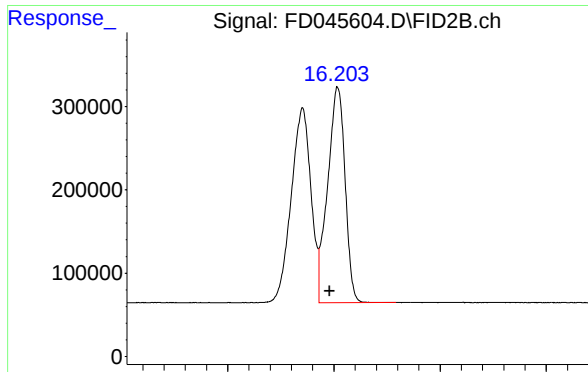
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: 0.006 min
Response: 3326775
Conc: 20.49 ug/ml



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

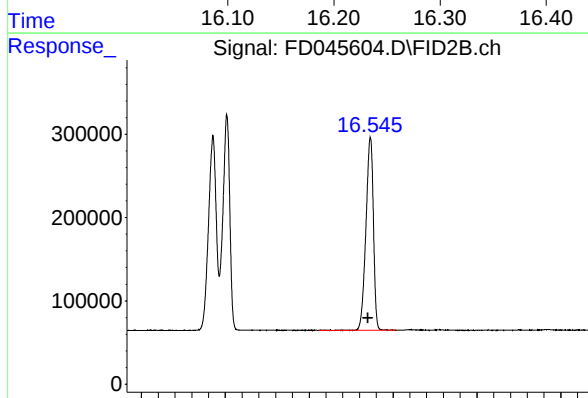
R.T.: 16.170 min
Delta R.T.: 0.005 min
Response: 3025399
Conc: 20.54 ug/ml



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

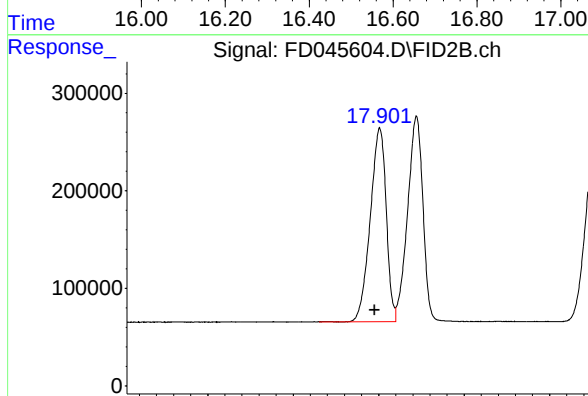
R.T.: 16.204 min
Delta R.T.: 0.007 min
Response: 2959982
Conc: 20.47 ug/ml

Instrument :
FID_D
ClientSampleId :



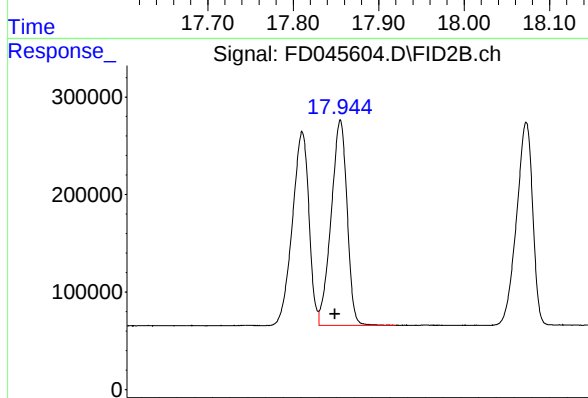
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.546 min
Delta R.T.: 0.005 min
Response: 2867980
Conc: 20.57 ug/ml



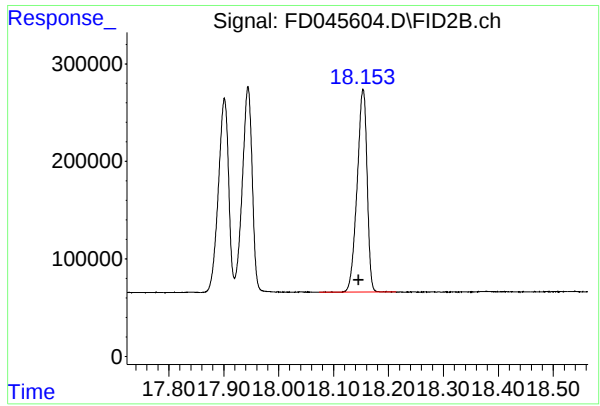
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.901 min
Delta R.T.: 0.006 min
Response: 2574567
Conc: 20.26 ug/ml



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

R.T.: 17.944 min
Delta R.T.: 0.006 min
Response: 2631422
Conc: 20.49 ug/ml



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

R.T.: 18.154 min

Delta R.T.: 0.008 min

Response: 2626132

Conc: 20.42 ug/ml

Instrument :

FID_D

ClientSampleId :