

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041223AR\
 Data File : FD045476.D
 Signal(s) : FID2B.ch
 Acq On : 12 Apr 2023 21:59
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 13 02:59:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.544	2839013	20.721 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
6) S 2-Fluorobiphenyl (SURR)	8.399	1861068	20.760 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.52%
11) S ortho-Terphenyl (SURR)	11.440	3562052	20.473 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	3235518	20.769 ug/ml
2) T Naphthalene (C11.7)	5.882	3311755	20.607 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	3322378	20.755 ug/ml
5) T Acenaphthylene (C15.06)	8.203	3003469	20.513 ug/ml
7) T Acenaphthene (C15.5)	8.498	3203419	20.653 ug/ml
8) T Fluorene (C16.55)	9.277	3070171	20.704 ug/ml
9) T Phenanthrene (C19.36)	10.668	2997013	20.690 ug/ml
10) T Anthracene (C19.43)	10.742	2783302	20.136 ug/ml
12) T Fluoranthene (C21.85)	12.473	2924960	20.330 ug/ml
13) T Pyrene (C20.8)	12.768	2926797	20.817 ug/ml
14) T Benzo[a]anthracene (C...	14.632	2614930	20.390 ug/ml
15) T Chrysene (C27.41)	14.675	2728196	20.574 ug/ml
16) T benzo[b]fluoranthene ...	16.175	2663586	20.504 ug/ml
17) T Bnezo[k]fluoranthene ...	16.207	2610679	20.613 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.550	2531577	20.135 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.906	2282666	19.286 ug/ml
20) T Dibenz[a,h]anthracene...	17.948	2272183	19.072 ug/ml
21) T Benzo[g,h,i]perylene ...	18.159	2465115	19.735 ug/ml

(f)=RT Delta > 1/2 Window

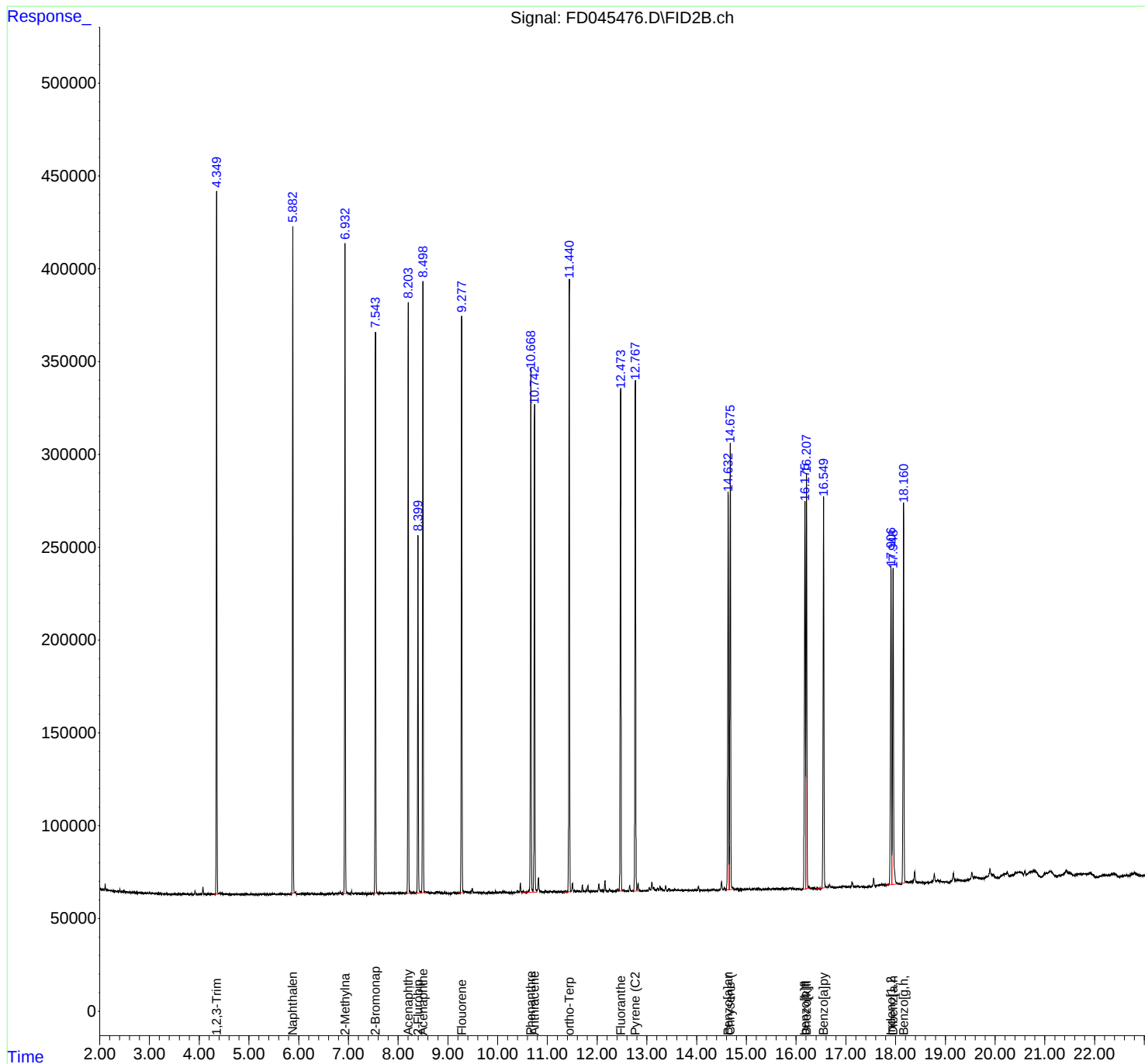
(m)=manual int.

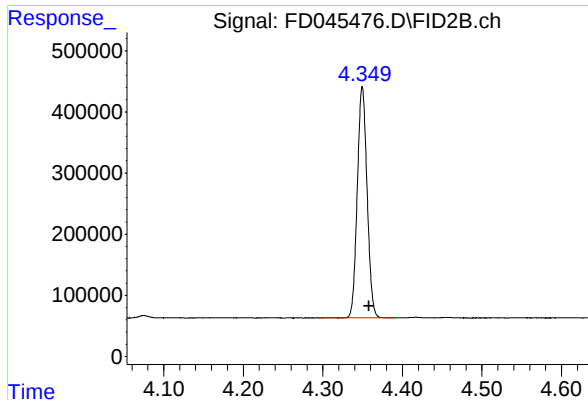
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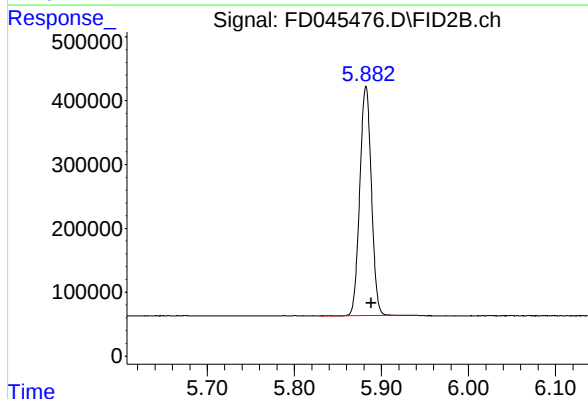




#1 1,2,3-Trimethylbenzene (C10.1)

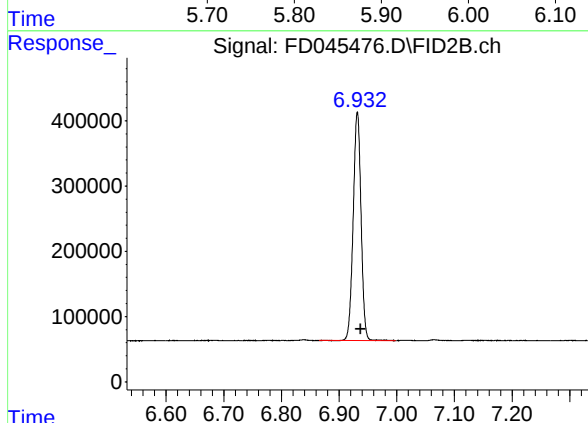
R.T.: 4.350 min
Delta R.T.: -0.008 min
Response: 3235518
Conc: 20.77 ug/ml

Instrument :
FID_D
ClientSampleId :



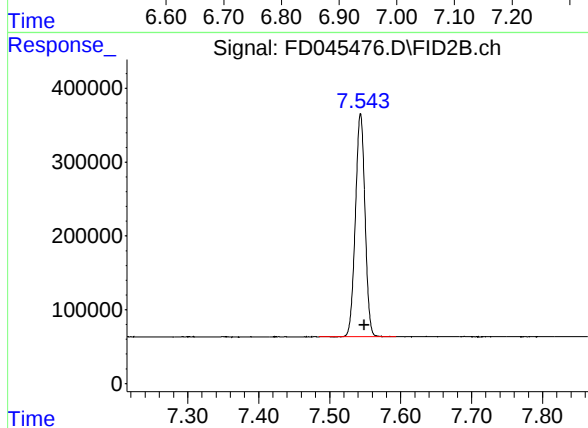
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: -0.006 min
Response: 3311755
Conc: 20.61 ug/ml



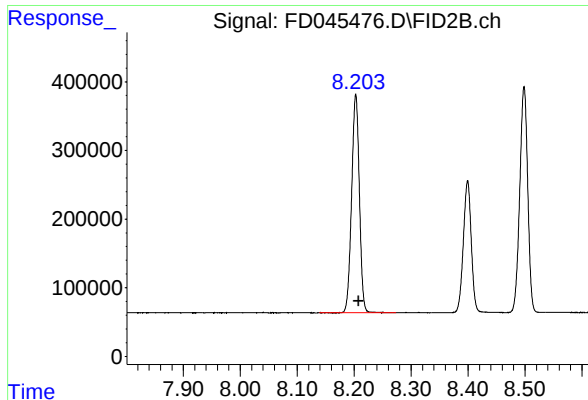
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: -0.006 min
Response: 3322378
Conc: 20.75 ug/ml



#4 2-Bromonaphthalene (SURR)

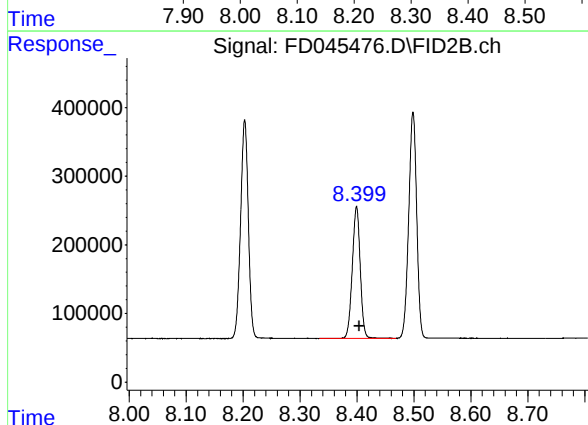
R.T.: 7.544 min
Delta R.T.: -0.005 min
Response: 2839013
Conc: 20.72 ug/ml



#5 Acenaphthylene (C15.06)

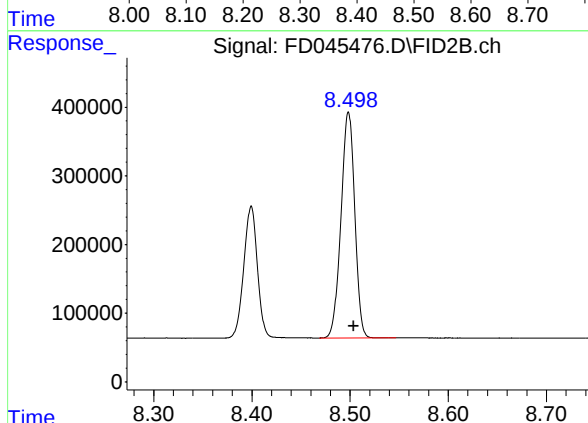
R.T.: 8.203 min
Delta R.T.: -0.005 min
Response: 3003469
Conc: 20.51 ug/ml

Instrument :
FID_D
ClientSampleId :



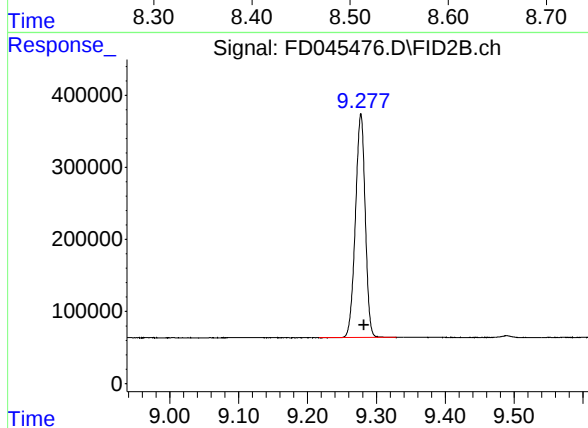
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min
Delta R.T.: -0.005 min
Response: 1861068
Conc: 20.76 ug/ml



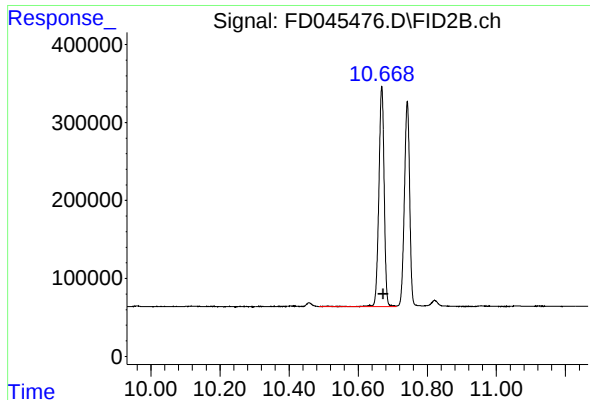
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: -0.005 min
Response: 3203419
Conc: 20.65 ug/ml



#8 Flouorene (C16.55)

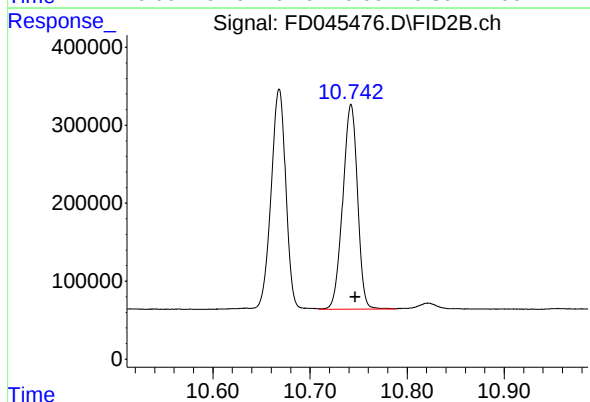
R.T.: 9.277 min
Delta R.T.: -0.005 min
Response: 3070171
Conc: 20.70 ug/ml



#9 Phenanthrene (C19.36)

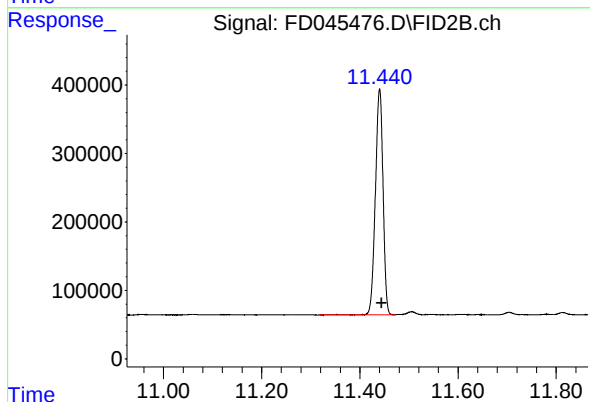
R.T.: 10.668 min
Delta R.T.: -0.005 min
Response: 2997013
Conc: 20.69 ug/ml

Instrument :
FID_D
ClientSampleId :



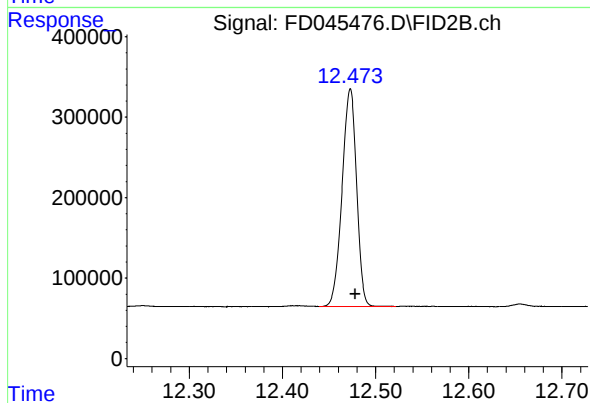
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: -0.005 min
Response: 2783302
Conc: 20.14 ug/ml



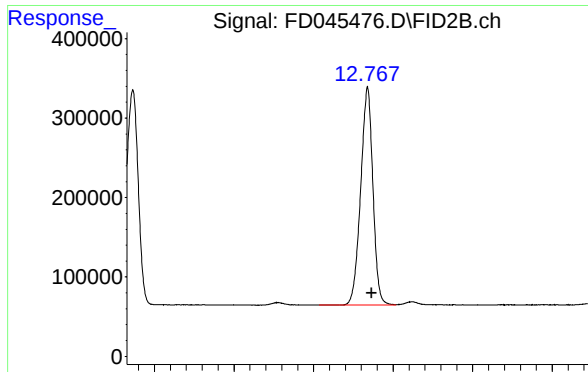
#11 ortho-Terphenyl (SURRE)

R.T.: 11.440 min
Delta R.T.: -0.004 min
Response: 3562052
Conc: 20.47 ug/ml



#12 Fluoranthene (C21.85)

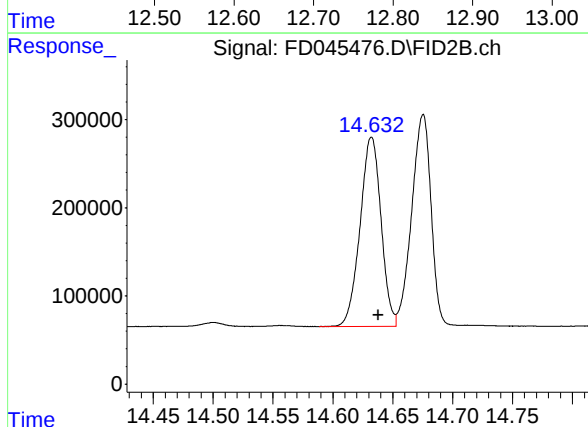
R.T.: 12.473 min
Delta R.T.: -0.005 min
Response: 2924960
Conc: 20.33 ug/ml



#13 Pyrene (C20.8)

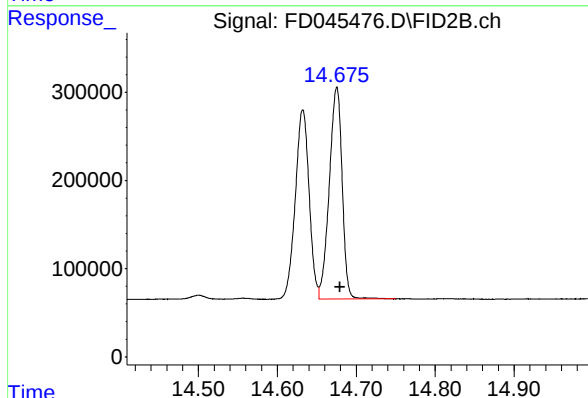
R.T.: 12.768 min
Delta R.T.: -0.005 min
Response: 2926797
Conc: 20.82 ug/ml

Instrument :
FID_D
ClientSampleId :



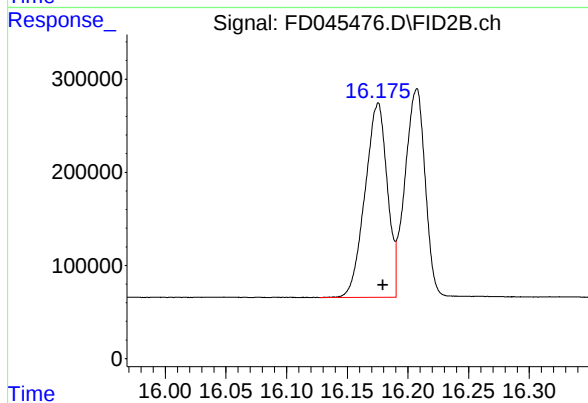
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.632 min
Delta R.T.: -0.006 min
Response: 2614930
Conc: 20.39 ug/ml



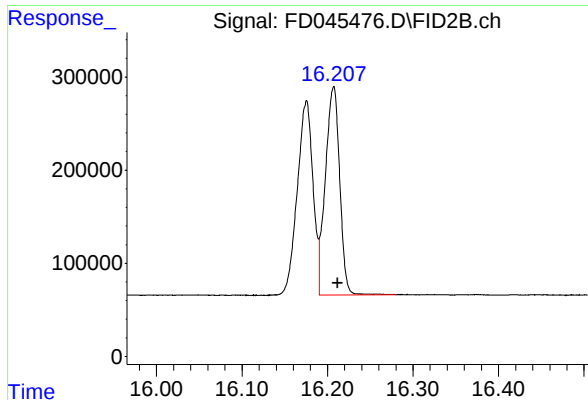
#15 Chrysene (C27.41)

R.T.: 14.675 min
Delta R.T.: -0.004 min
Response: 2728196
Conc: 20.57 ug/ml



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

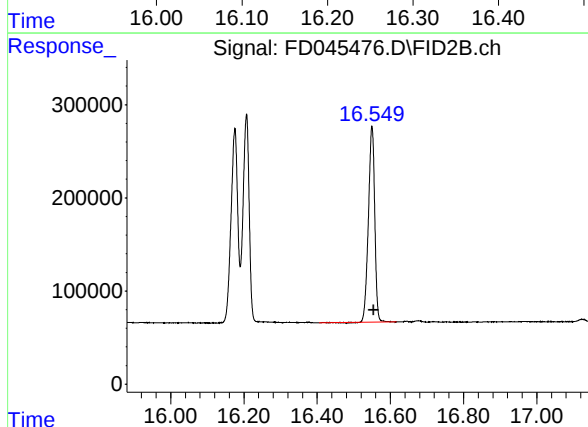
R.T.: 16.175 min
Delta R.T.: -0.005 min
Response: 2663586
Conc: 20.50 ug/ml



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

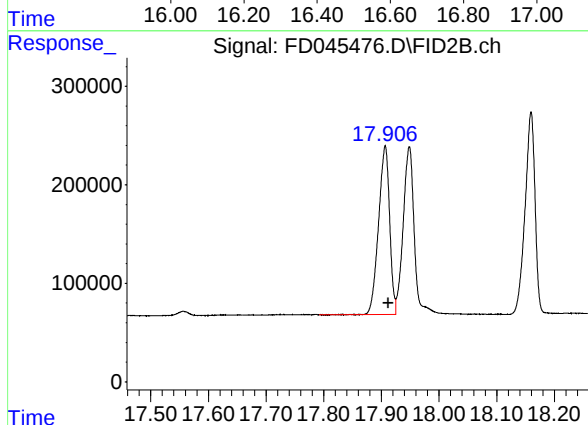
R.T.: 16.207 min
Delta R.T.: -0.005 min
Response: 2610679
Conc: 20.61 ug/ml

Instrument :
FID_D
ClientSampleId :



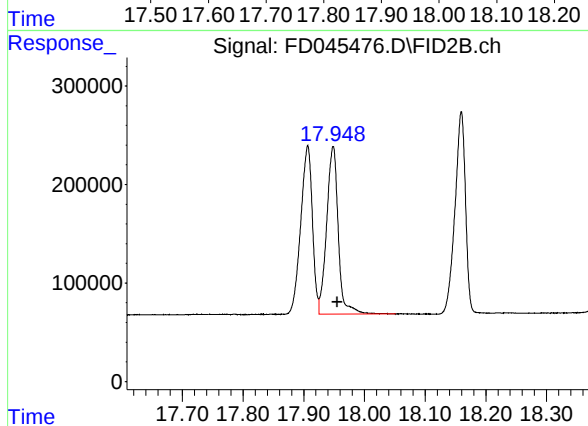
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.550 min
Delta R.T.: -0.005 min
Response: 2531577
Conc: 20.14 ug/ml



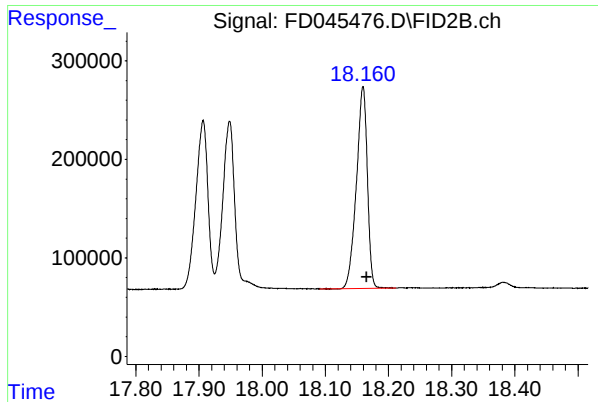
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.906 min
Delta R.T.: -0.006 min
Response: 2282666
Conc: 19.29 ug/ml



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

R.T.: 17.948 min
Delta R.T.: -0.007 min
Response: 2272183
Conc: 19.07 ug/ml



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

R.T.: 18.159 min

Delta R.T.: -0.006 min

Response: 2465115

Conc: 19.74 ug/ml

Instrument :

FID_D

ClientSampleId :