

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101023AR\
 Data File : FD046724.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 20:22
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 11 02:55:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 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...	7.487	3773736	20.329 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
6) S 2-Fluorobiphenyl (SURR)	8.341	2463614	20.333 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.67%
11) S ortho-Terphenyl (SURR)	11.379	4380162	20.245 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	3947432	20.329 ug/ml
2) T Naphthalene (C11.7)	5.828	4120854	20.369 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	4160751	20.370 ug/ml
5) T Acenaphthylene (C15.06)	8.144	3765363	20.398 ug/ml
7) T Acenaphthene (C15.5)	8.440	4032632	20.286 ug/ml
8) T Flouorene (C16.55)	9.218	3892158	20.447 ug/ml
9) T Phenanthrene (C19.36)	10.607	3758195	20.389 ug/ml
10) T Anthracene (C19.43)	10.681	2744628	20.994 ug/ml
12) T Fluoranthene (C21.85)	12.410	3725722	20.449 ug/ml
13) T Pyrene (C20.8)	12.704	3567720	20.345 ug/ml
14) T Benzo[a]anthracene (C...	14.567	2982529	20.366 ug/ml
15) T Chrysene (C27.41)	14.610	3257212	20.245 ug/ml
16) T benzo[b]fluoranthene ...	16.110	3022991	20.231 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	3000387	19.945 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	2870826	20.300 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	2712812	20.010 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	2806357	19.861 ug/ml
21) T Benzo[g,h,i]perylene ...	18.095	2806249	19.949 ug/ml

(f)=RT Delta > 1/2 Window

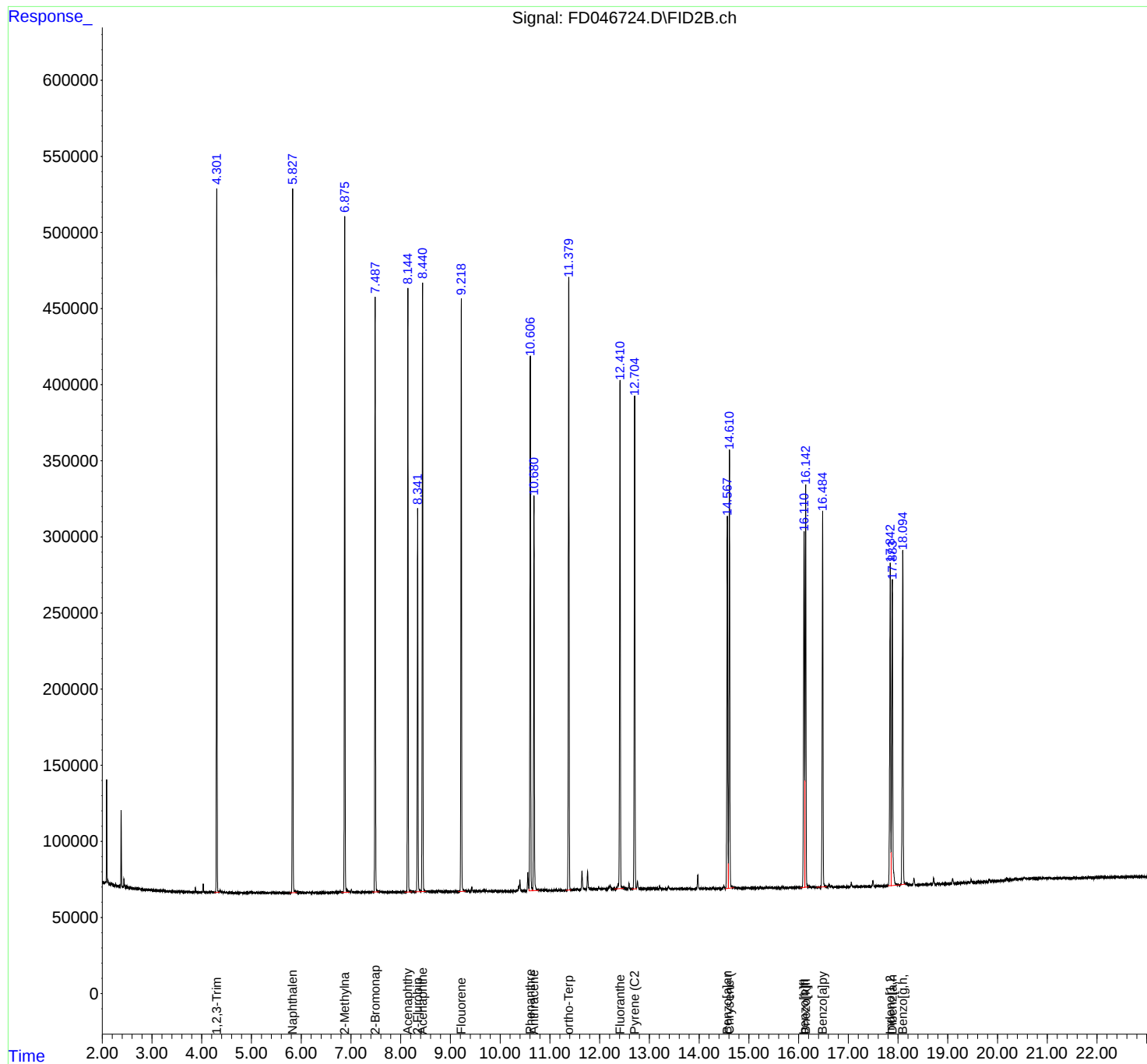
(m)=manual int.

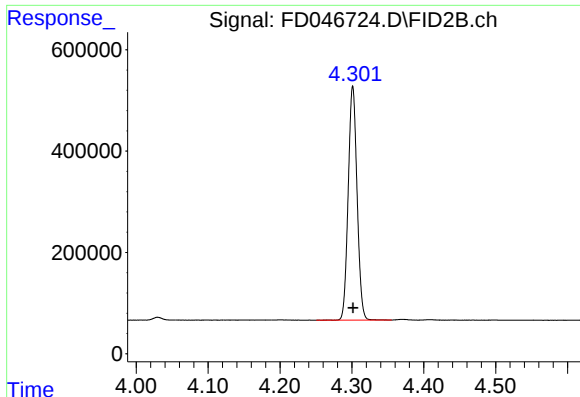
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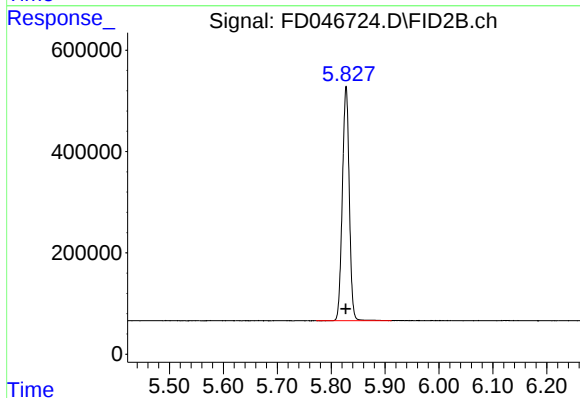




#1 1,2,3-Trimethylbenzene (C10.1)

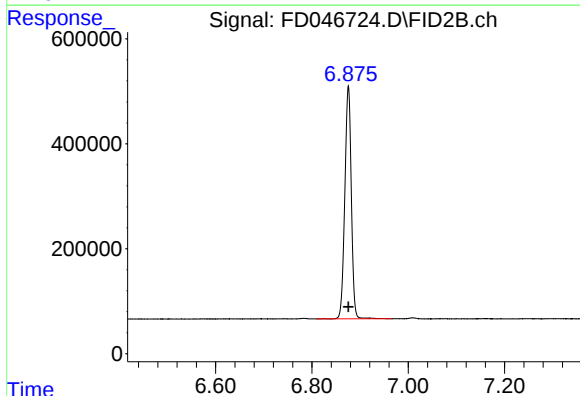
R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 3947432
Conc: 20.33 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



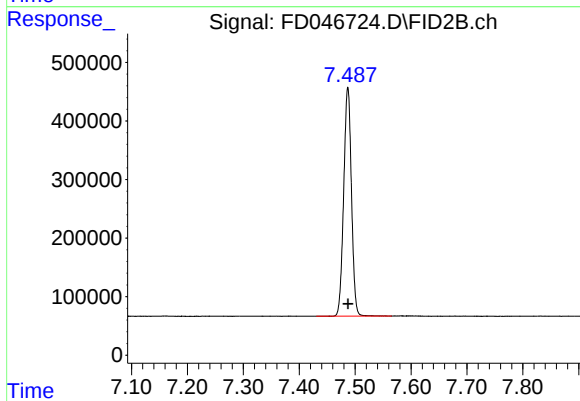
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 4120854
Conc: 20.37 ug/ml



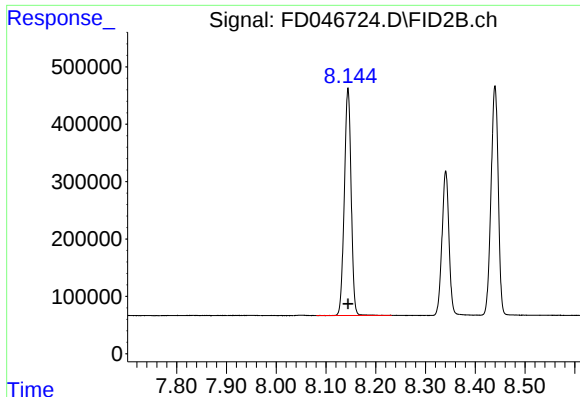
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 4160751
Conc: 20.37 ug/ml



#4 2-Bromonaphthalene (SURR)

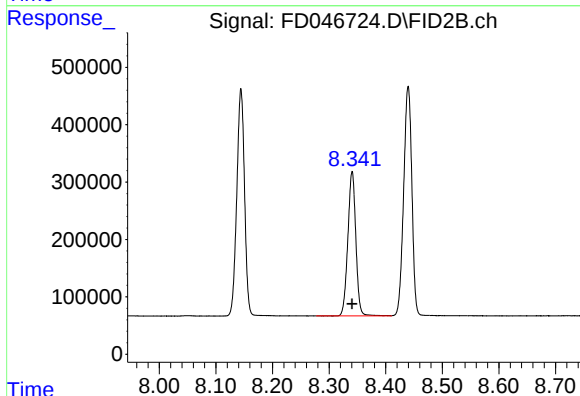
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 3773736
Conc: 20.33 ug/ml



#5 Acenaphthylene (C15.06)

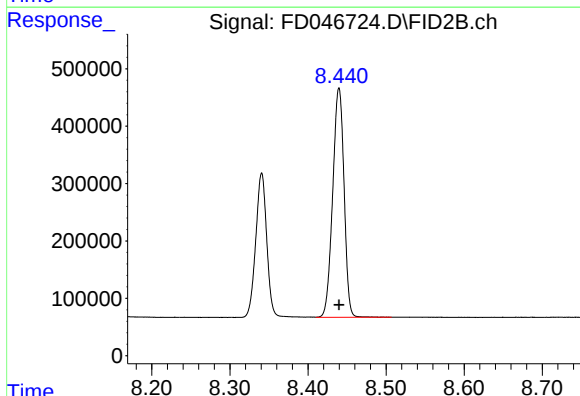
R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 3765363
Conc: 20.40 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



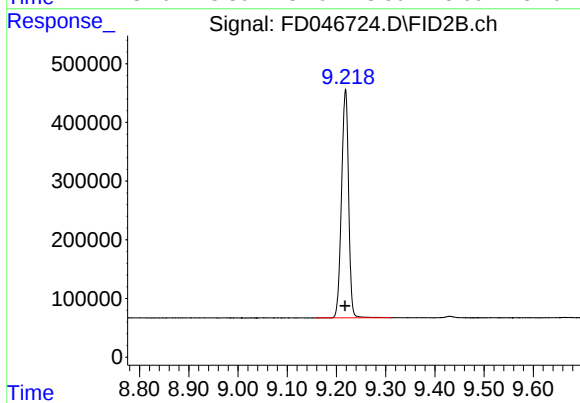
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 2463614
Conc: 20.33 ug/ml



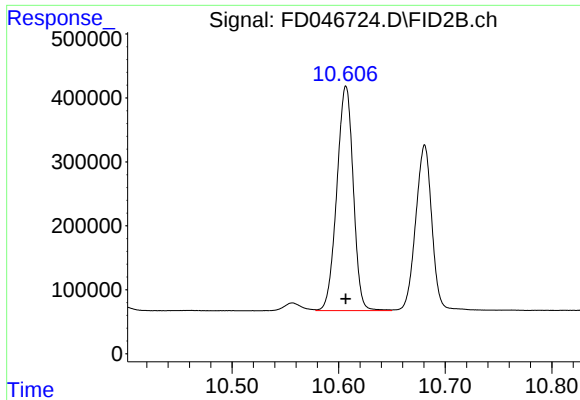
#7 Acenaphthene (C15.5)

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 4032632
Conc: 20.29 ug/ml



#8 Fluorene (C16.55)

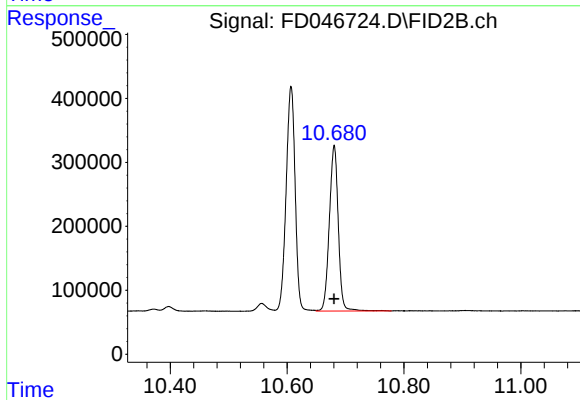
R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 3892158
Conc: 20.45 ug/ml



#9 Phenanthrene (C19.36)

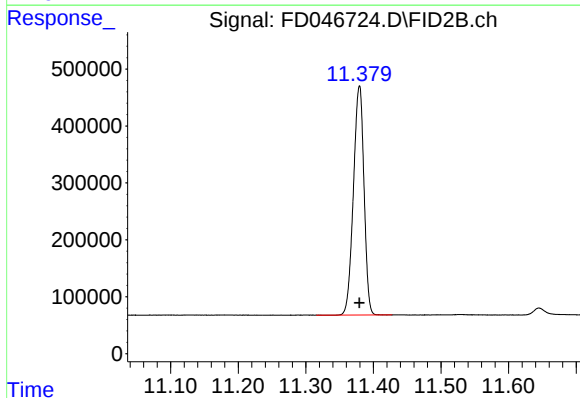
R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 3758195
Conc: 20.39 ug/ml

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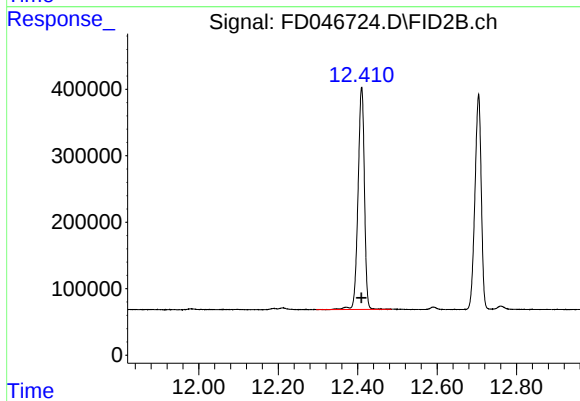
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: 0.000 min
Response: 2744628
Conc: 20.99 ug/ml



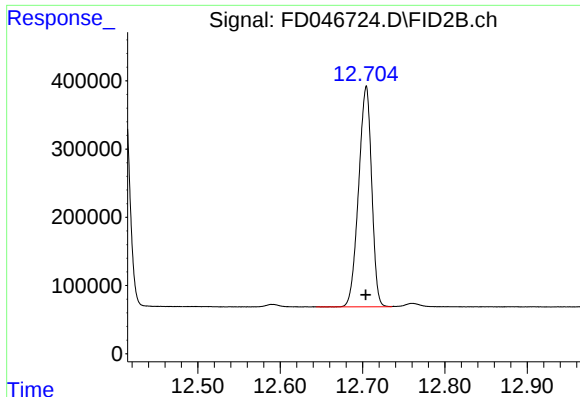
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: 0.000 min
Response: 4380162
Conc: 20.25 ug/ml



#12 Fluoranthene (C21.85)

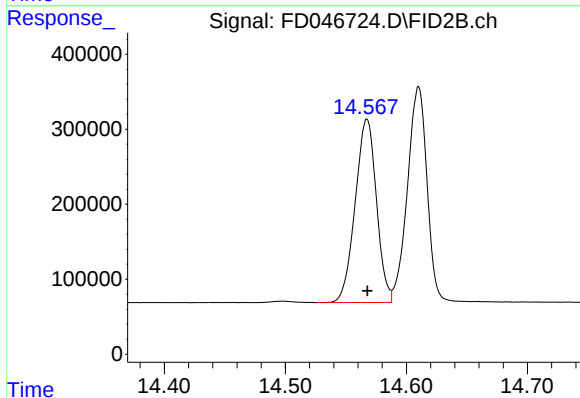
R.T.: 12.410 min
Delta R.T.: 0.000 min
Response: 3725722
Conc: 20.45 ug/ml



#13 Pyrene (C20.8)

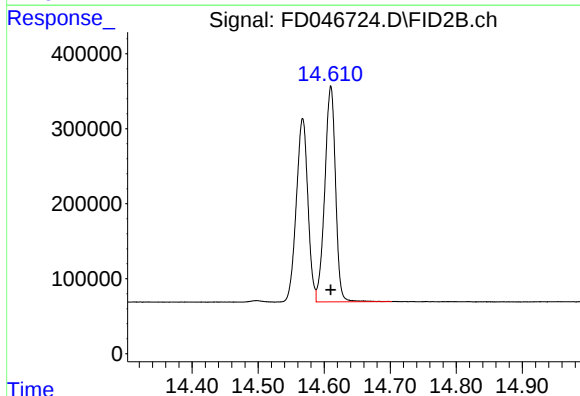
R.T.: 12.704 min
Delta R.T.: 0.000 min
Response: 3567720
Conc: 20.34 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



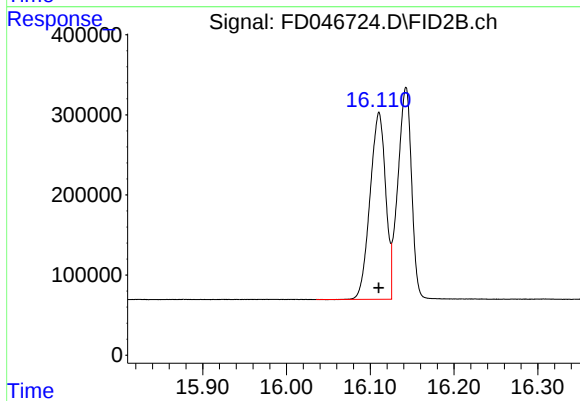
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.567 min
Delta R.T.: 0.000 min
Response: 2982529
Conc: 20.37 ug/ml



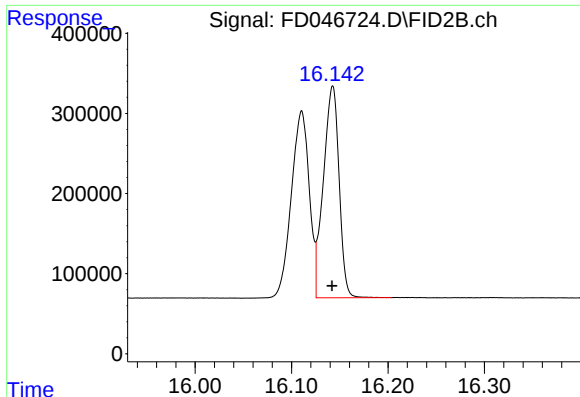
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: 0.000 min
Response: 3257212
Conc: 20.25 ug/ml



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

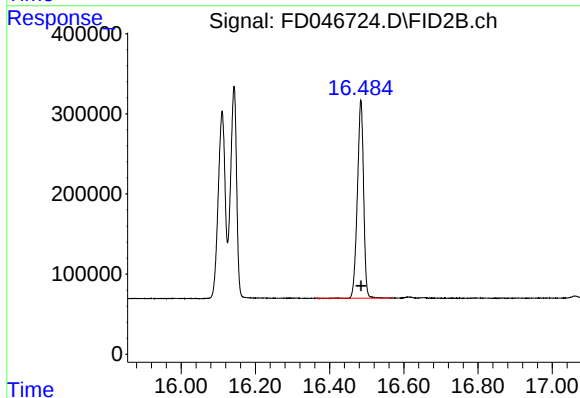
R.T.: 16.110 min
Delta R.T.: 0.000 min
Response: 3022991
Conc: 20.23 ug/ml



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

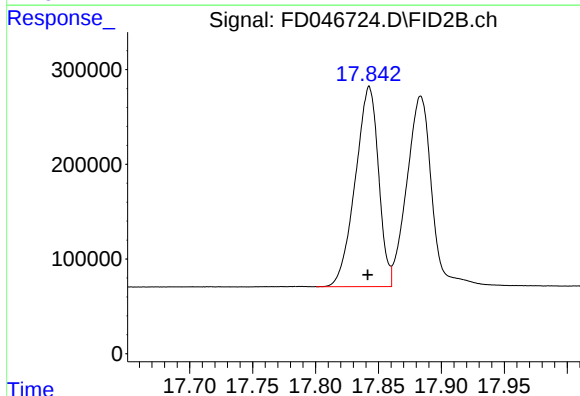
R.T.: 16.142 min
Delta R.T.: 0.000 min
Response: 3000387
Conc: 19.94 ug/ml

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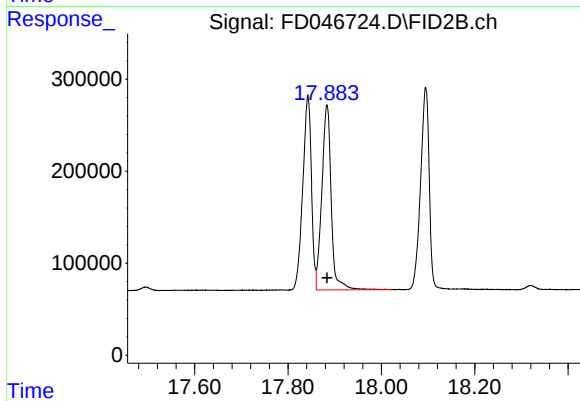
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: 0.000 min
Response: 2870826
Conc: 20.30 ug/ml



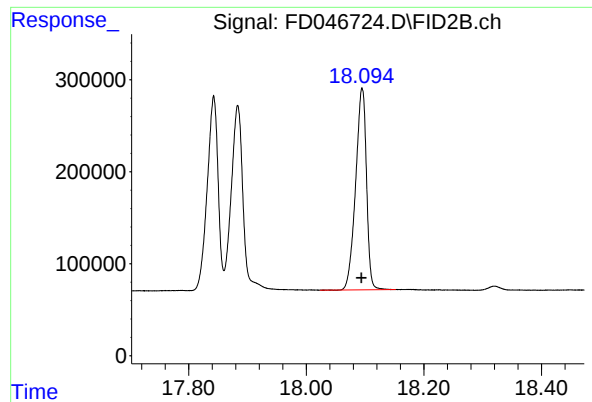
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: 0.001 min
Response: 2712812
Conc: 20.01 ug/ml



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

R.T.: 17.883 min
Delta R.T.: 0.000 min
Response: 2806357
Conc: 19.86 ug/ml



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

R.T.: 18.095 min
Delta R.T.: 0.000 min
Response: 2806249
Conc: 19.95 ug/ml

Instrument :

FID_D

ClientSampleId :

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