

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102722AR\
 Data File : FD044278.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2022 10:20
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 28 07:14:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.413	2661220	21.434 ug/ml
Spiked Amount 50.000		Recovery =	42.87%
6) S 2-Fluorobiphenyl (SURR)	8.271	1550674	20.594 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.19%
11) S ortho-Terphenyl (SURR)	11.295	3566283	21.070 ug/ml
Spiked Amount 50.000		Recovery =	42.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	3080295	21.823 ug/ml
2) T Naphthalene (C11.7)	5.755	3021235	22.038 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	3068249	21.644 ug/ml
5) T Acenaphthylene (C15.06)	8.069	2903723	20.699 ug/ml
7) T Acenaphthene (C15.5)	8.360	3360719	21.612 ug/ml
8) T Flouorene (C16.55)	9.142	2936051	20.870 ug/ml
9) T Phenanthrene (C19.36)	10.534	2800975	20.799 ug/ml
10) T Anthracene (C19.43)	10.611	2382528	17.731 ug/ml
12) T Fluoranthene (C21.85)	12.338	2812567	21.060 ug/ml
13) T Pyrene (C20.8)	12.632	2576899	20.401 ug/ml
14) T Benzo[a]anthracene (C...	14.503	2307376	21.723 ug/ml
15) T Chrysene (C27.41)	14.544	2927349	22.331 ug/ml
16) T benzo[b]fluoranthene ...	16.048	2511322	22.377 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	2865187	22.520 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.430	2181255	18.772 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.793	2334361	21.897 ug/ml
20) T Dibenz[a,h]anthracene...	17.828	2746091	22.197 ug/ml
21) T Benzo[g,h,i]perylene ...	18.042	2580360	21.980 ug/ml

(f)=RT Delta > 1/2 Window

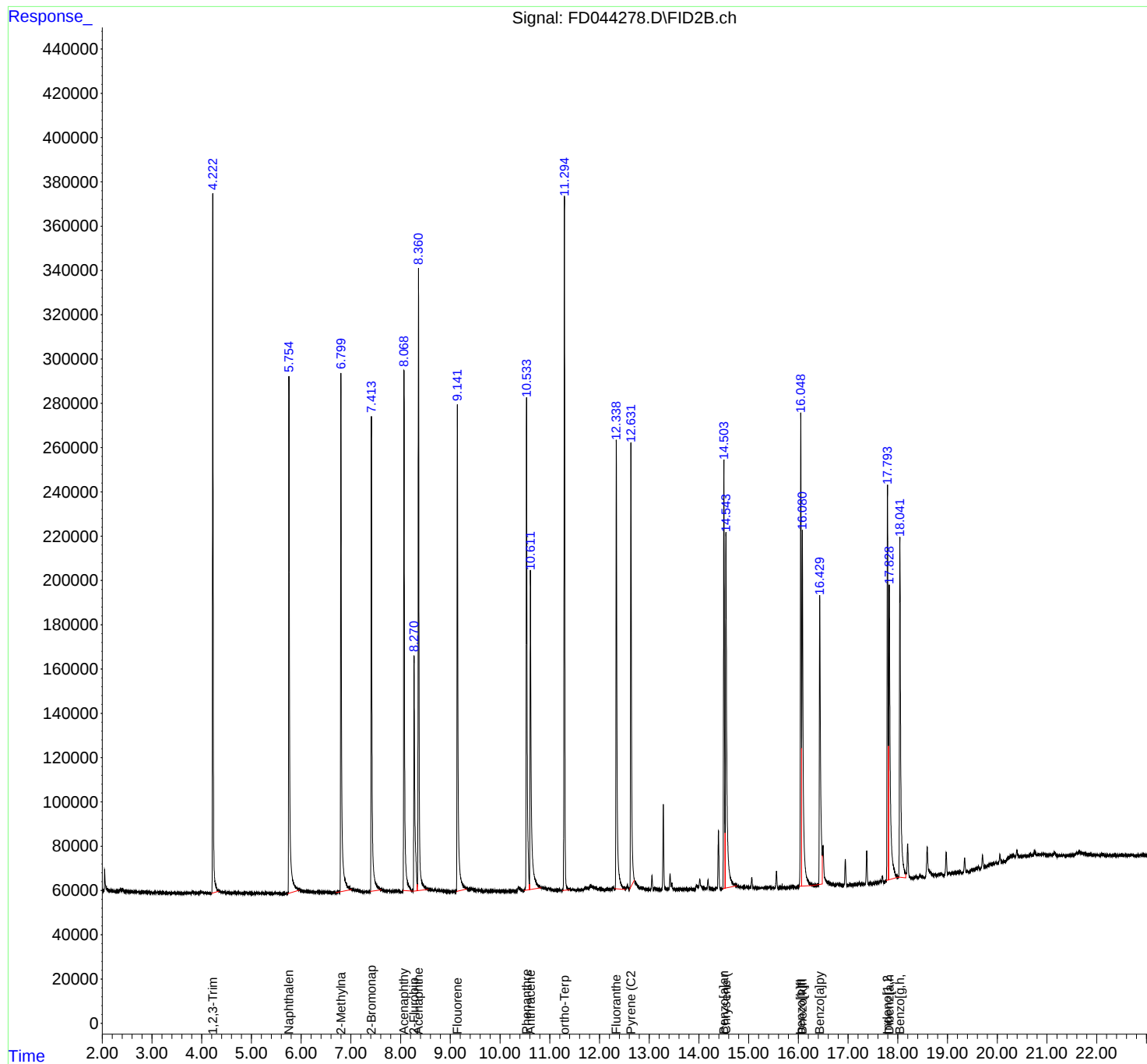
(m)=manual int.

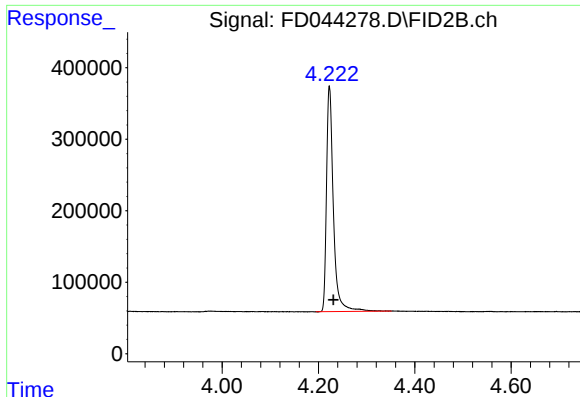
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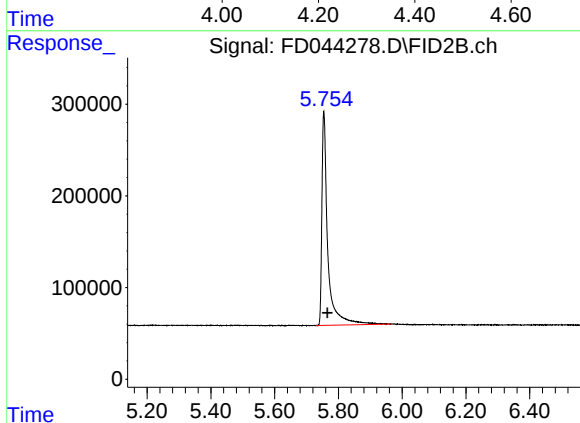




#1 1,2,3-Trimethylbenzene (C10.1)

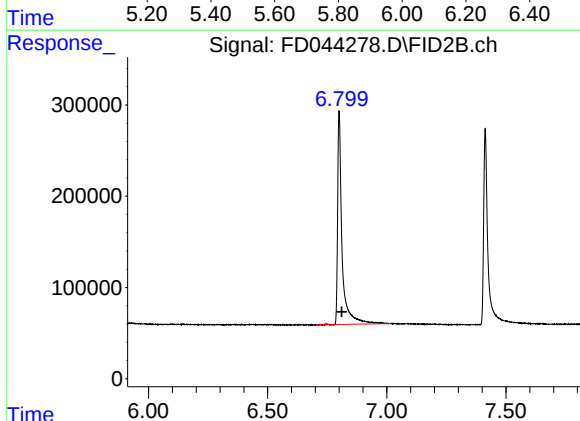
R.T.: 4.223 min
Delta R.T.: -0.008 min
Response: 3080295
Conc: 21.82 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



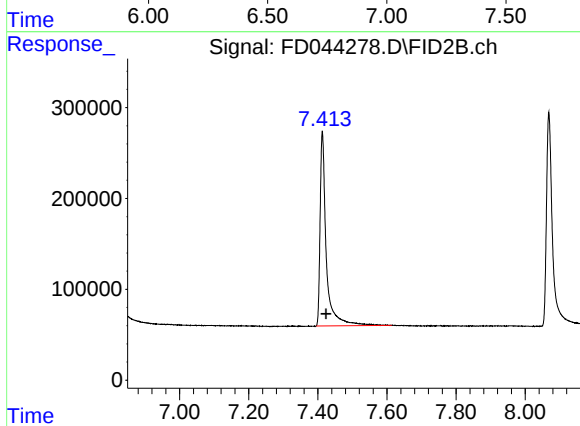
#2 Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: -0.011 min
Response: 3021235
Conc: 22.04 ug/ml



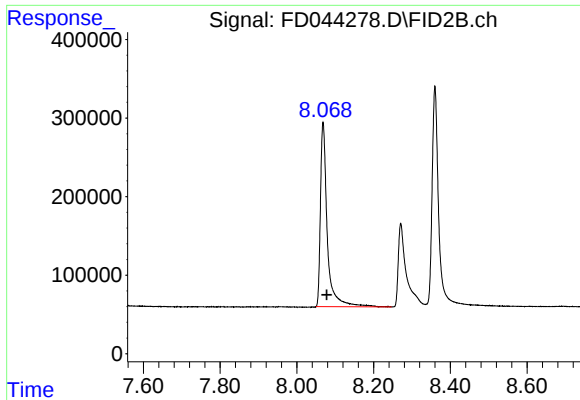
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.011 min
Response: 3068249
Conc: 21.64 ug/ml



#4 2-Bromonaphthalene (SURR)

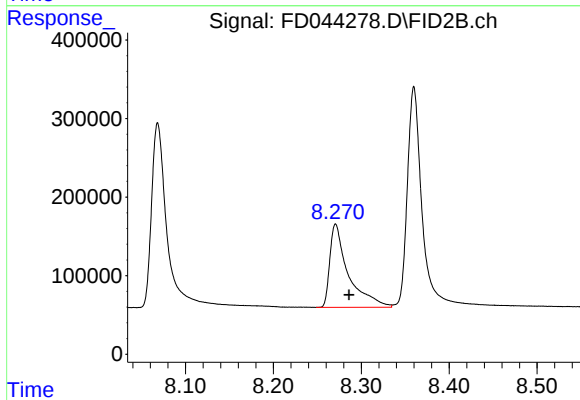
R.T.: 7.413 min
Delta R.T.: -0.010 min
Response: 2661220
Conc: 21.43 ug/ml



#5 Acenaphthylene (C15.06)

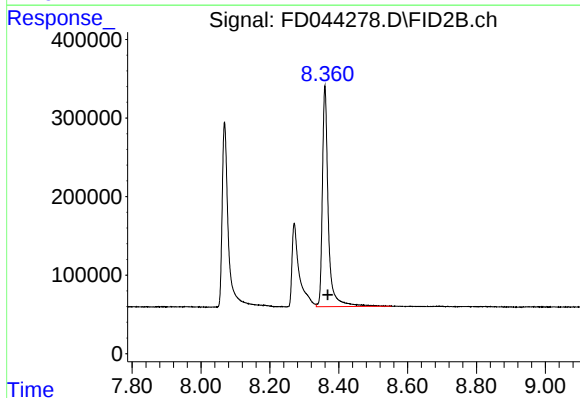
R.T.: 8.069 min
Delta R.T.: -0.010 min
Response: 2903723
Conc: 20.70 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



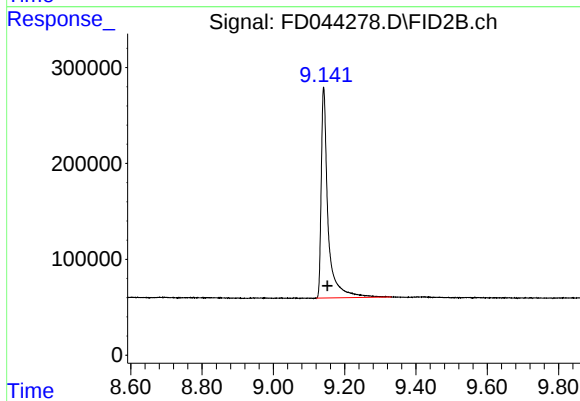
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.271 min
Delta R.T.: -0.015 min
Response: 1550674
Conc: 20.59 ug/ml



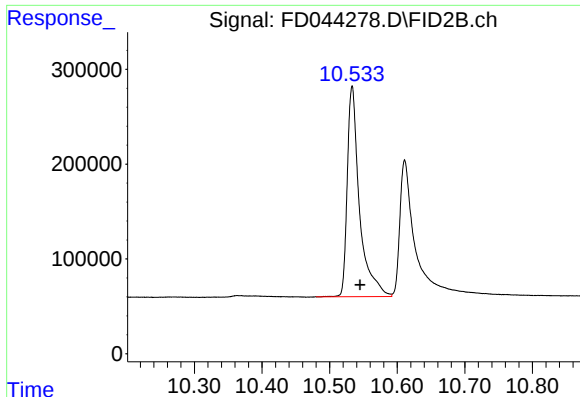
#7 Acenaphthene (C15.5)

R.T.: 8.360 min
Delta R.T.: -0.008 min
Response: 3360719
Conc: 21.61 ug/ml



#8 Flouorene (C16.55)

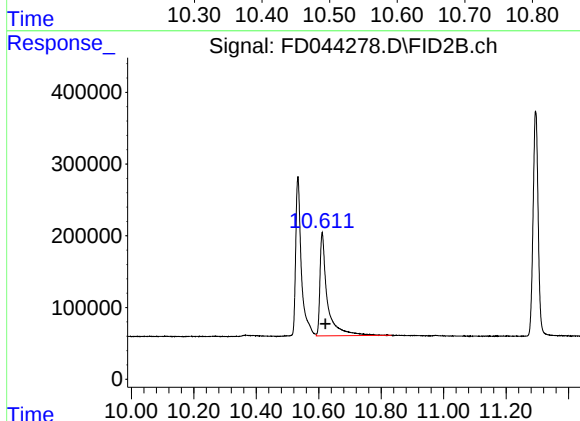
R.T.: 9.142 min
Delta R.T.: -0.010 min
Response: 2936051
Conc: 20.87 ug/ml



#9 Phenanthrene (C19.36)

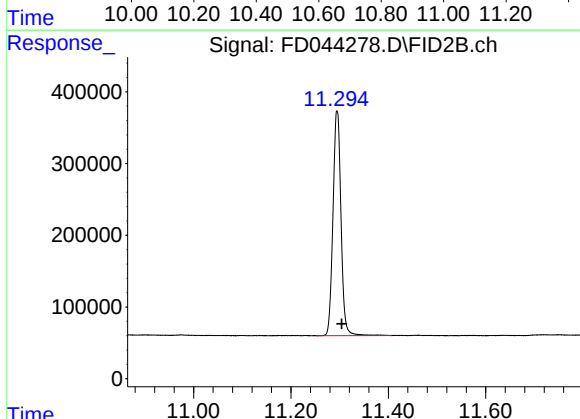
R.T.: 10.534 min
Delta R.T.: -0.012 min
Response: 2800975
Conc: 20.80 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



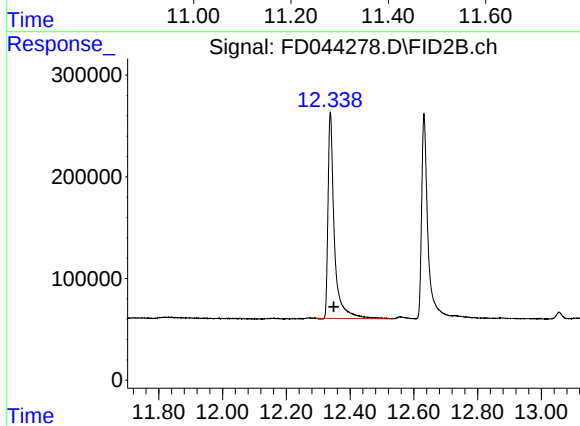
#10 Anthracene (C19.43)

R.T.: 10.611 min
Delta R.T.: -0.010 min
Response: 2382528
Conc: 17.73 ug/ml



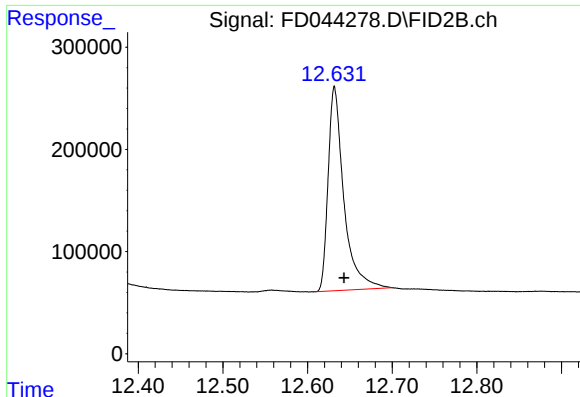
#11 ortho-Terphenyl (SURR)

R.T.: 11.295 min
Delta R.T.: -0.010 min
Response: 3566283
Conc: 21.07 ug/ml



#12 Fluoranthene (C21.85)

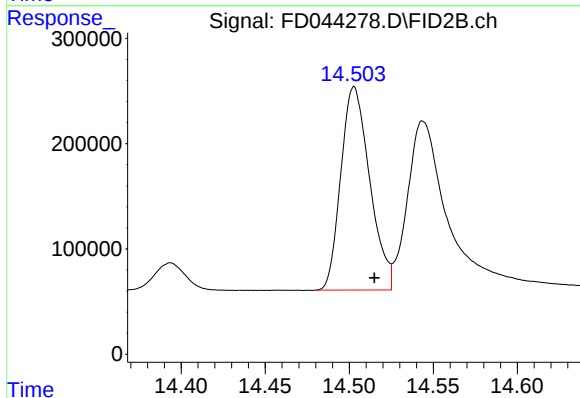
R.T.: 12.338 min
Delta R.T.: -0.010 min
Response: 2812567
Conc: 21.06 ug/ml



#13 Pyrene (C20.8)

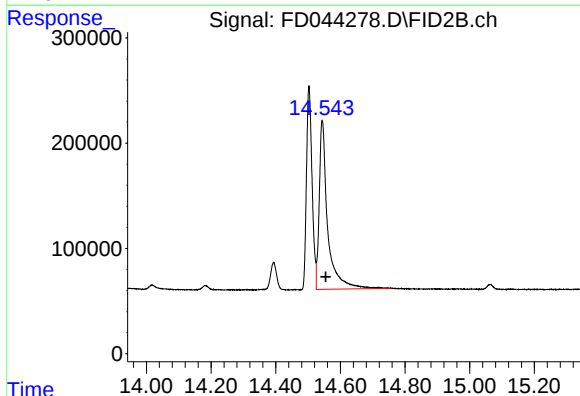
R.T.: 12.632 min
Delta R.T.: -0.011 min
Response: 2576899
Conc: 20.40 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



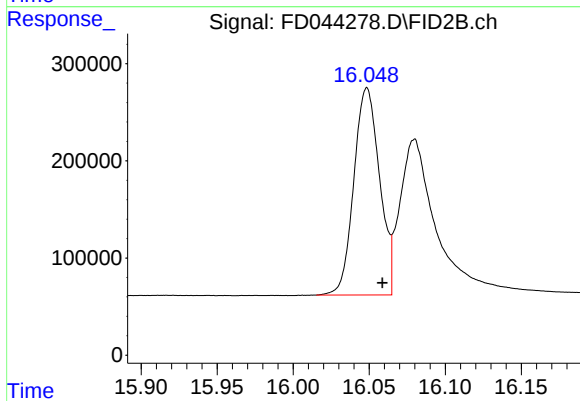
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.503 min
Delta R.T.: -0.012 min
Response: 2307376
Conc: 21.72 ug/ml



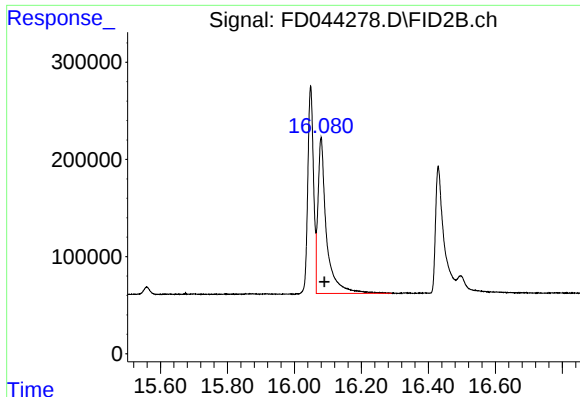
#15 Chrysene (C27.41)

R.T.: 14.544 min
Delta R.T.: -0.010 min
Response: 2927349
Conc: 22.33 ug/ml



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

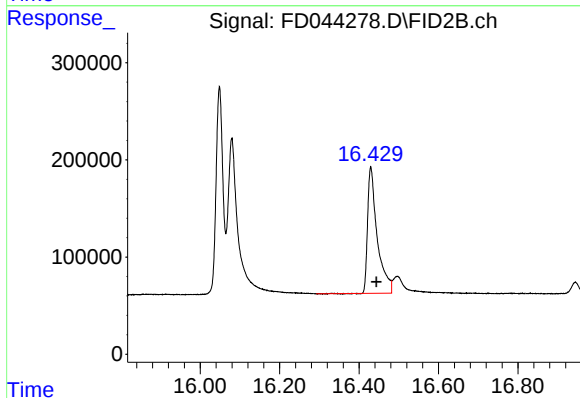
R.T.: 16.048 min
Delta R.T.: -0.010 min
Response: 2511322
Conc: 22.38 ug/ml



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

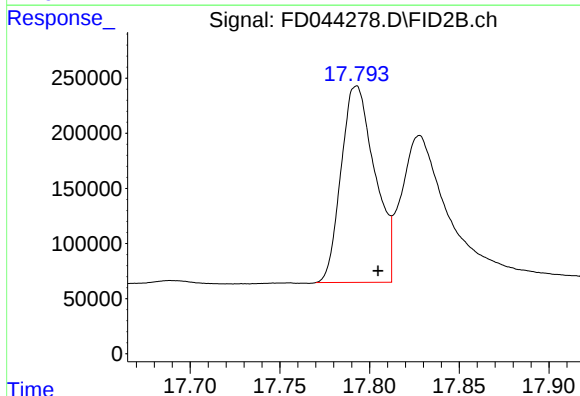
R.T.: 16.080 min
Delta R.T.: -0.009 min
Response: 2865187
Conc: 22.52 ug/ml

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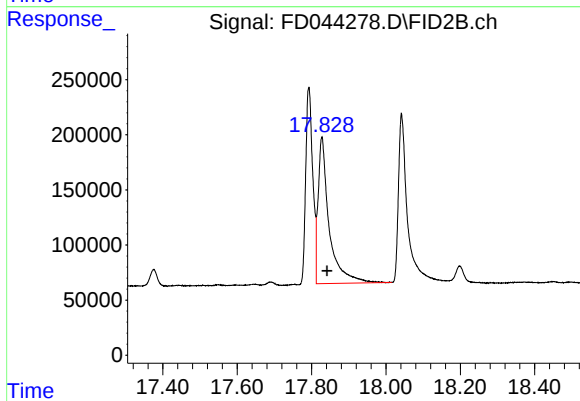
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.430 min
Delta R.T.: -0.013 min
Response: 2181255
Conc: 18.77 ug/ml



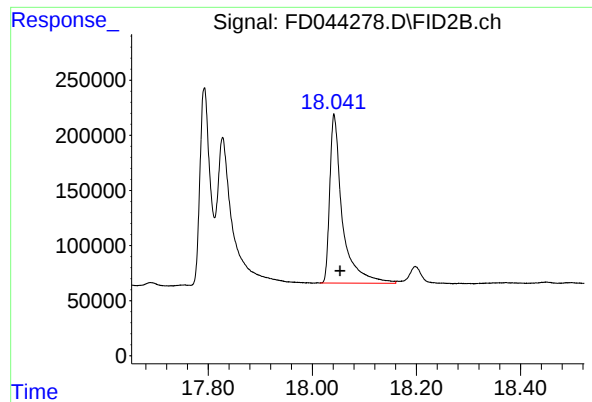
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.793 min
Delta R.T.: -0.012 min
Response: 2334361
Conc: 21.90 ug/ml



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

R.T.: 17.828 min
Delta R.T.: -0.014 min
Response: 2746091
Conc: 22.20 ug/ml



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

R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 2580360
Conc: 21.98 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD