

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011223AR\
 Data File : FD044780.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 05:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 13 05:43:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.663	2892431	20.058 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
6) S 2-Fluorobiphenyl (SURR)	8.520	1935470	19.939 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.88%
11) S ortho-Terphenyl (SURR)	11.548	3628119	20.137 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.484	3249081	20.194 ug/ml
2) T Naphthalene (C11.7)	6.011	3364886	20.048 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	3349102	19.919 ug/ml
5) T Acenaphthylene (C15.06)	8.324	3062742	20.193 ug/ml
7) T Acenaphthene (C15.5)	8.618	3248656	20.040 ug/ml
8) T Flouorene (C16.55)	9.394	3173971	19.915 ug/ml
9) T Phenanthrene (C19.36)	10.782	3127970	19.932 ug/ml
10) T Anthracene (C19.43)	10.855	2983116	23.723 ug/ml
12) T Fluoranthene (C21.85)	12.583	3136058	19.970 ug/ml
13) T Pyrene (C20.8)	12.878	3082604	20.137 ug/ml
14) T Benzo[a]anthracene (C...	14.739	2886584	20.301 ug/ml
15) T Chrysene (C27.41)	14.782	3000116	19.785 ug/ml
16) T benzo[b]fluoranthene ...	16.278	2934758	19.514 ug/ml
17) T Bnezo[k]fluoranthene ...	16.311	2928646	19.331 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.654	2831587	19.517 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.009	2411690	17.054 ug/ml
20) T Dibenz[a,h]anthracene...	18.050	2653598	18.102 ug/ml
21) T Benzo[g,h,i]perylene ...	18.261	2539963	17.880 ug/ml

(f)=RT Delta > 1/2 Window

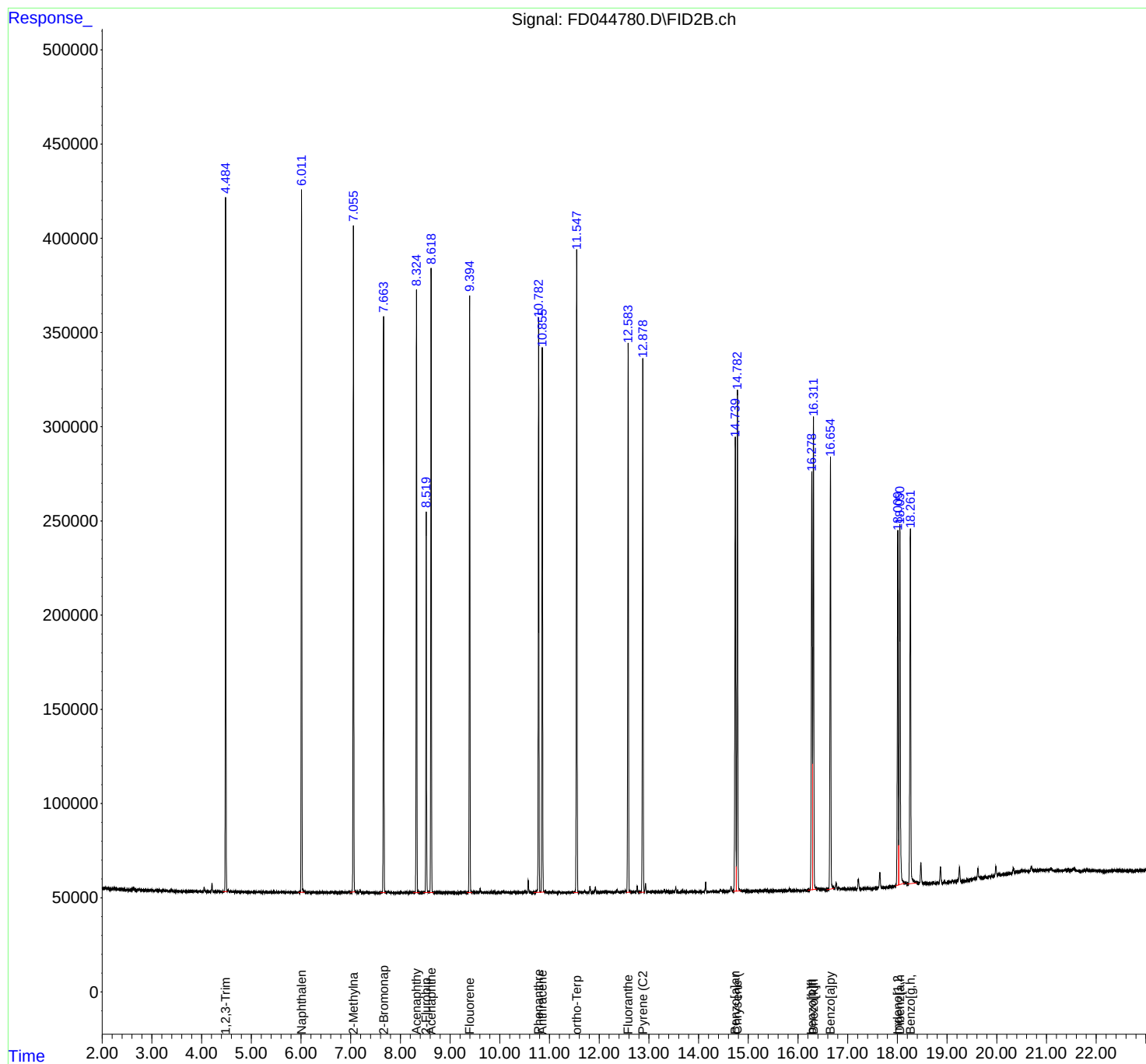
(m)=manual int.

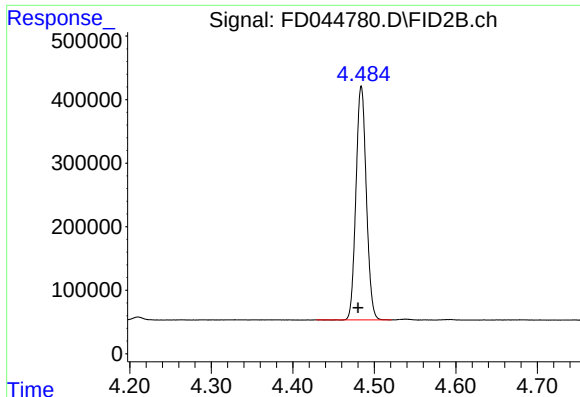
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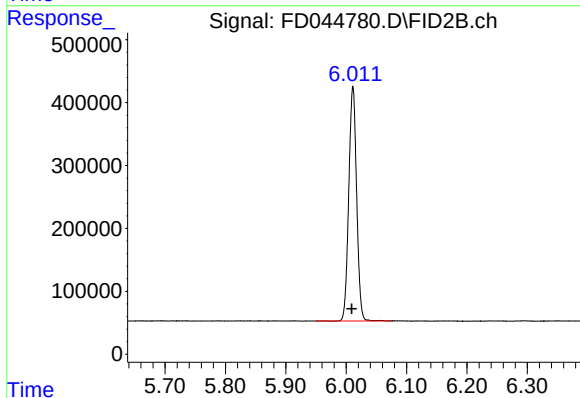




#1 1,2,3-Trimethylbenzene (C10.1)

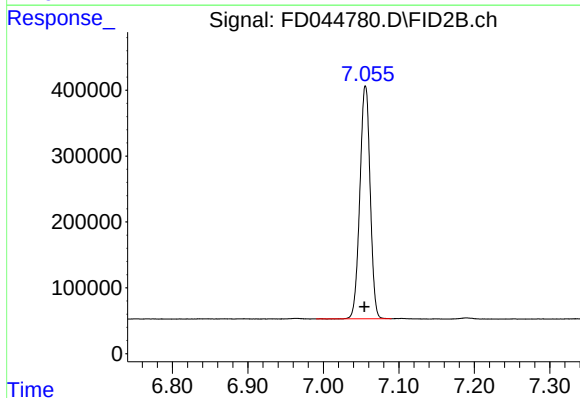
R.T.: 4.484 min
Delta R.T.: 0.004 min
Response: 3249081
Conc: 20.19 ug/ml

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20 PPM AROMATIC HC STD



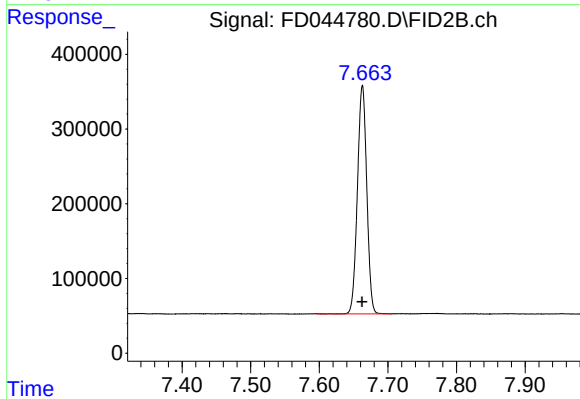
#2 Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 3364886
Conc: 20.05 ug/ml



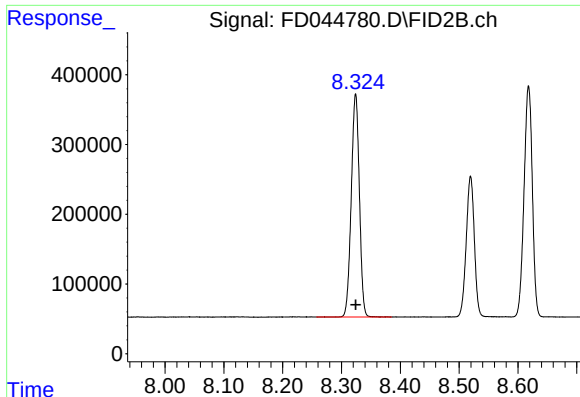
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: 0.001 min
Response: 3349102
Conc: 19.92 ug/ml



#4 2-Bromonaphthalene (SURR)

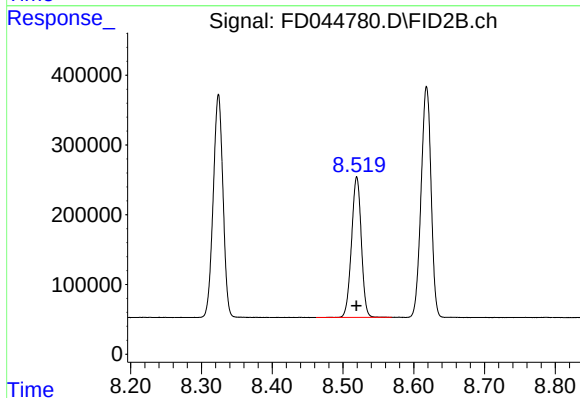
R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 2892431
Conc: 20.06 ug/ml



#5 Acenaphthylene (C15.06)

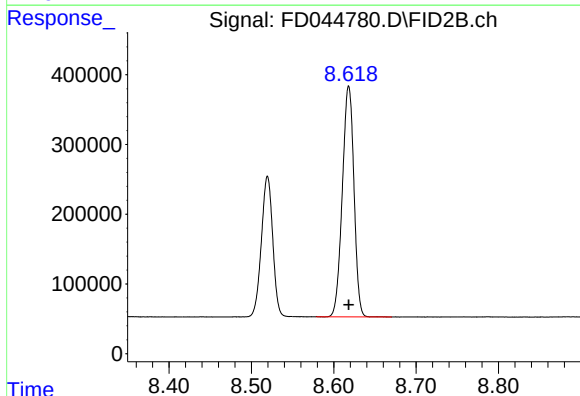
R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 3062742
Conc: 20.19 ug/ml

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20 PPM AROMATIC HC STD



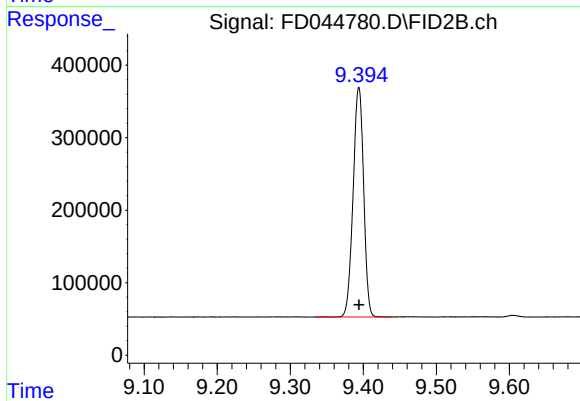
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 1935470
Conc: 19.94 ug/ml



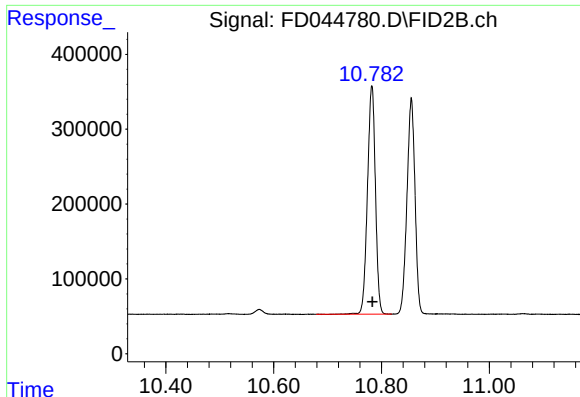
#7 Acenaphthene (C15.5)

R.T.: 8.618 min
Delta R.T.: 0.000 min
Response: 3248656
Conc: 20.04 ug/ml



#8 Fluorene (C16.55)

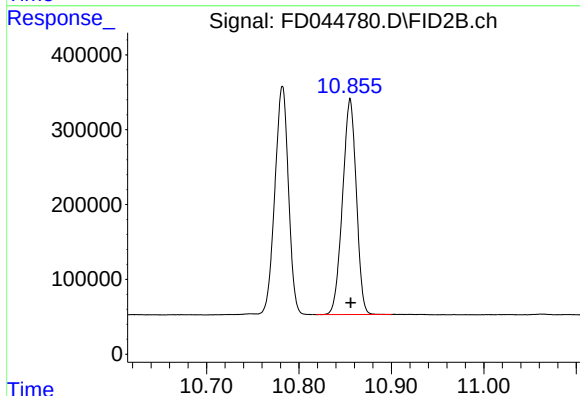
R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 3173971
Conc: 19.91 ug/ml



#9 Phenanthrene (C19.36)

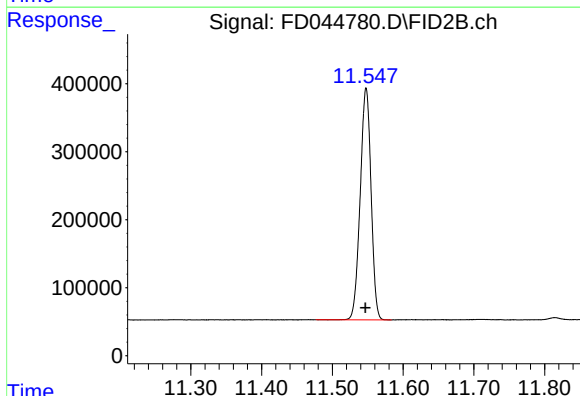
R.T.: 10.782 min
Delta R.T.: 0.000 min
Response: 3127970
Conc: 19.93 ug/ml

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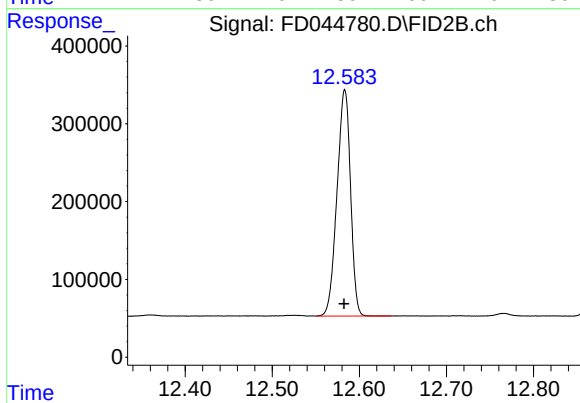
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: 0.000 min
Response: 2983116
Conc: 23.72 ug/ml



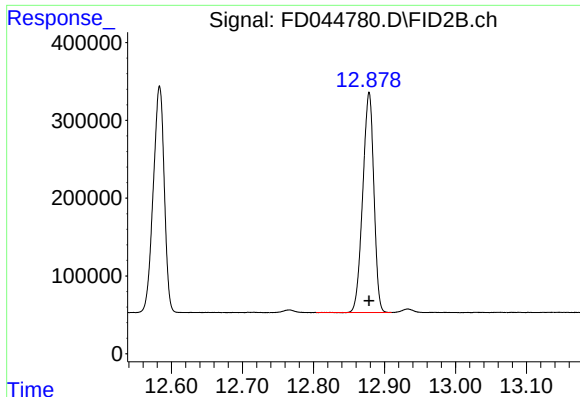
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: 0.000 min
Response: 3628119
Conc: 20.14 ug/ml



#12 Fluoranthene (C21.85)

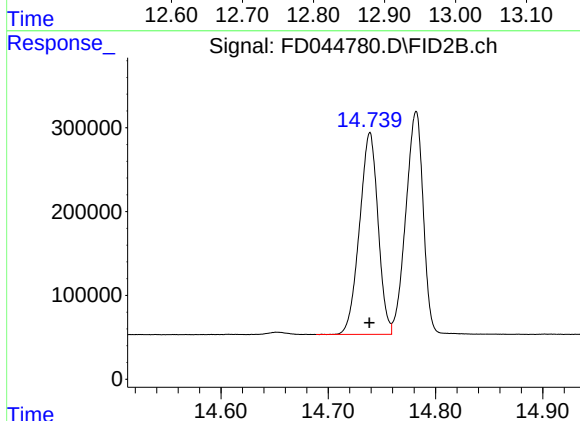
R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 3136058
Conc: 19.97 ug/ml



#13 Pyrene (C20.8)

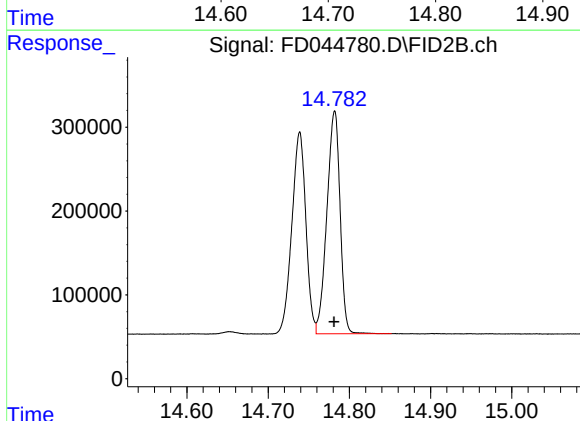
R.T.: 12.878 min
Delta R.T.: 0.000 min
Response: 3082604
Conc: 20.14 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



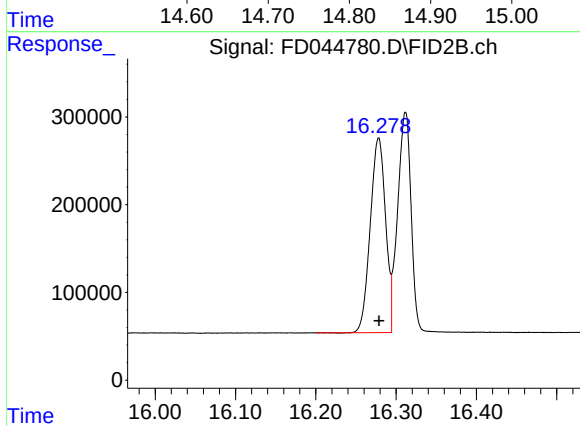
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: 0.000 min
Response: 2886584
Conc: 20.30 ug/ml



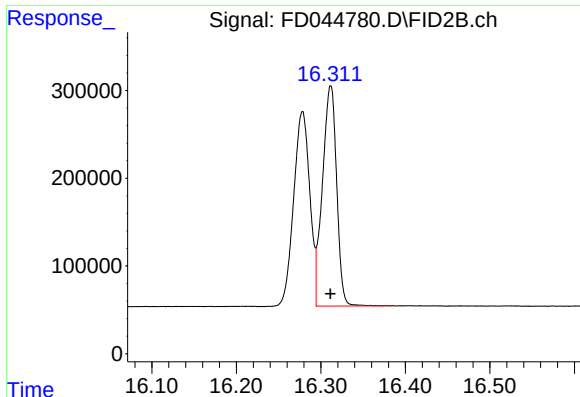
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: 0.000 min
Response: 3000116
Conc: 19.78 ug/ml



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

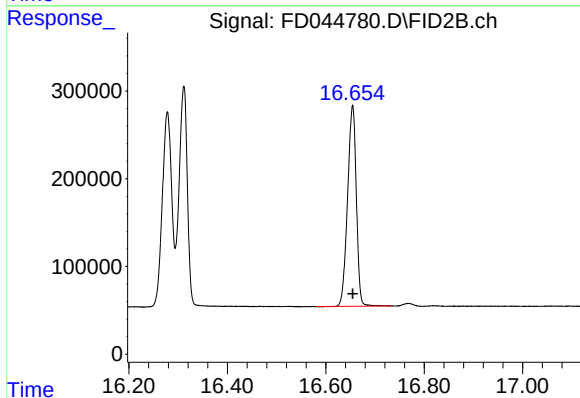
R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 2934758
Conc: 19.51 ug/ml



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

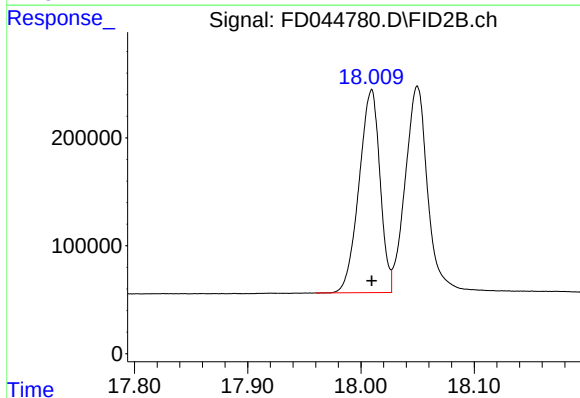
R.T.: 16.311 min
Delta R.T.: 0.000 min
Response: 2928646
Conc: 19.33 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



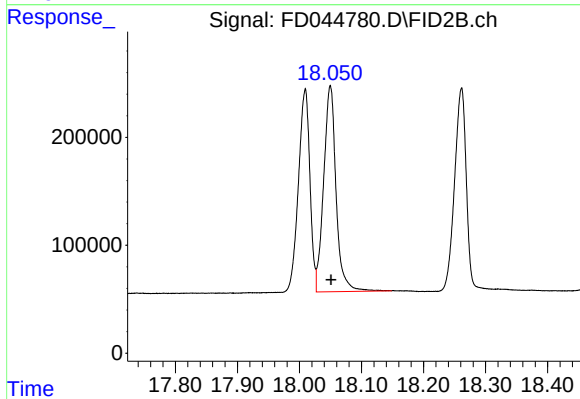
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.654 min
Delta R.T.: 0.000 min
Response: 2831587
Conc: 19.52 ug/ml



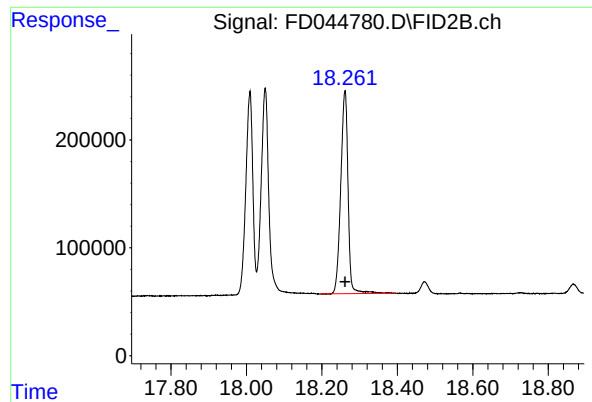
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.009 min
Delta R.T.: 0.000 min
Response: 2411690
Conc: 17.05 ug/ml



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

R.T.: 18.050 min
Delta R.T.: -0.001 min
Response: 2653598
Conc: 18.10 ug/ml



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

R.T.: 18.261 min
Delta R.T.: -0.001 min
Response: 2539963
Conc: 17.88 ug/ml

Instrument :

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ClientSampleId :

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