

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011323AR\
 Data File : FD044801.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2023 03:47
 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 16 03:14:23 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	2962294	20.542 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
6) S 2-Fluorobiphenyl (SURR)	8.519	1984145	20.440 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.88%
11) S ortho-Terphenyl (SURR)	11.548	3726546	20.684 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	3320347	20.637 ug/ml
2) T Naphthalene (C11.7)	6.010	3446562	20.535 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	3449816	20.518 ug/ml
5) T Acenaphthylene (C15.06)	8.324	3150372	20.771 ug/ml
7) T Acenaphthene (C15.5)	8.618	3333098	20.561 ug/ml
8) T Flouorene (C16.55)	9.394	3271594	20.527 ug/ml
9) T Phenanthrene (C19.36)	10.781	3234278	20.609 ug/ml
10) T Anthracene (C19.43)	10.855	3072341	24.432 ug/ml
12) T Fluoranthene (C21.85)	12.583	3237088	20.614 ug/ml
13) T Pyrene (C20.8)	12.878	3183810	20.798 ug/ml
14) T Benzo[a]anthracene (C...	14.737	2981832	20.971 ug/ml
15) T Chrysene (C27.41)	14.779	3115248	20.544 ug/ml
16) T benzo[b]fluoranthene ...	16.277	3025833	20.119 ug/ml
17) T Bnezo[k]fluoranthene ...	16.309	3038505	20.056 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	2911713	20.069 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.006	2464698	17.429 ug/ml
20) T Dibenz[a,h]anthracene...	18.048	2766770	18.874 ug/ml
21) T Benzo[g,h,i]perylene ...	18.259	2592477	18.249 ug/ml

(f)=RT Delta > 1/2 Window

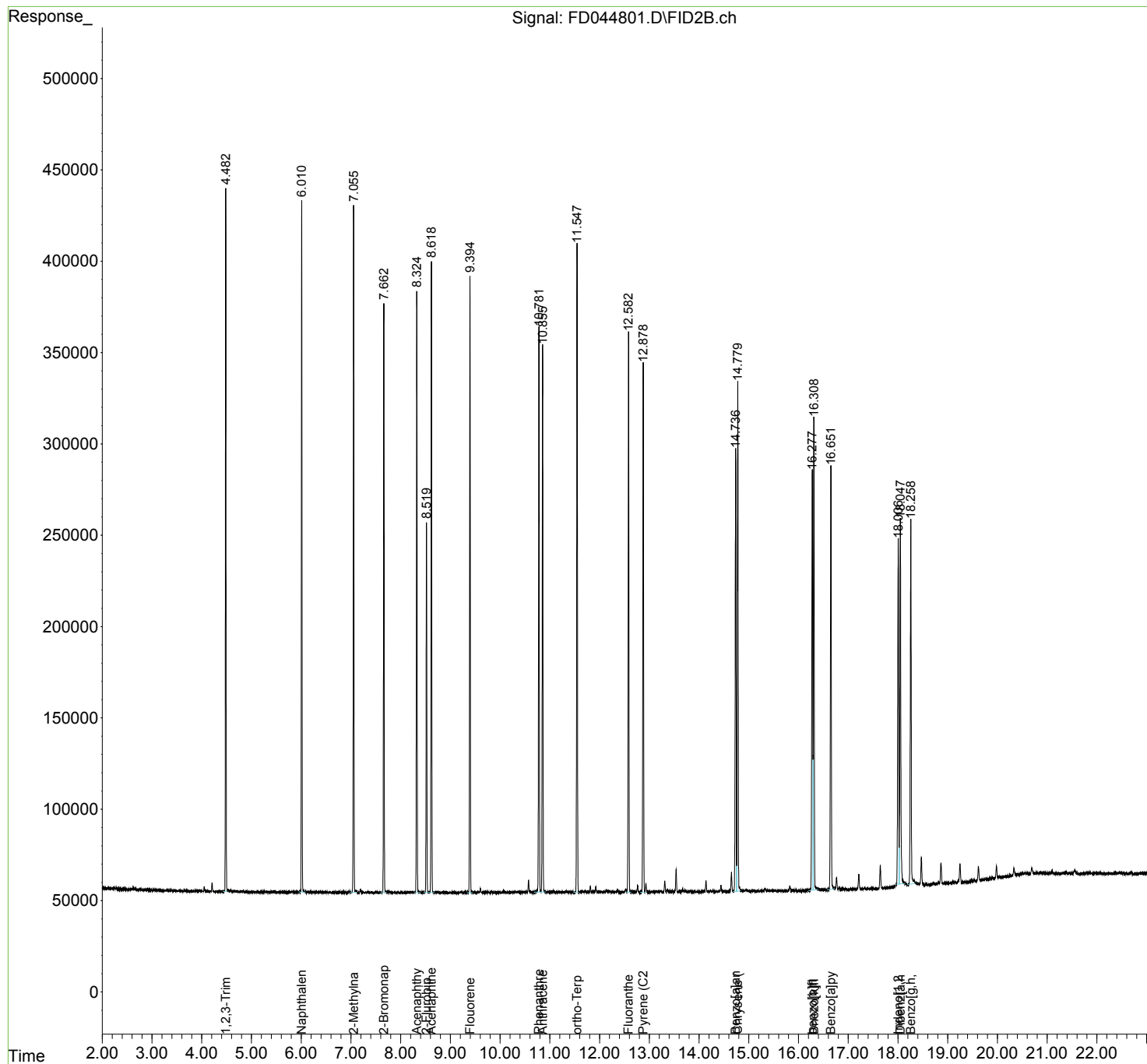
(m)=manual int.

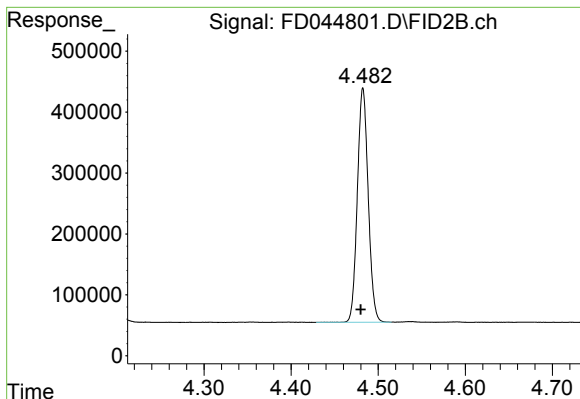
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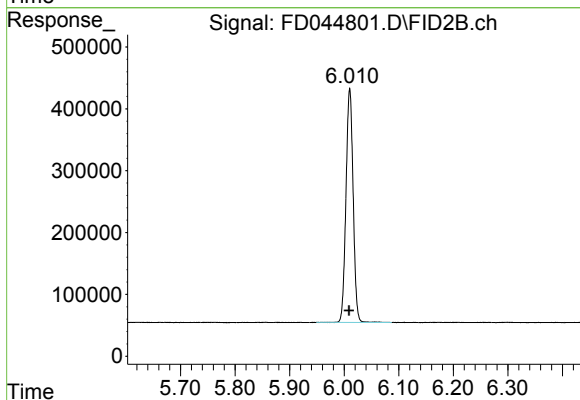




#1 1,2,3-Trimethylbenzene (C10.1)

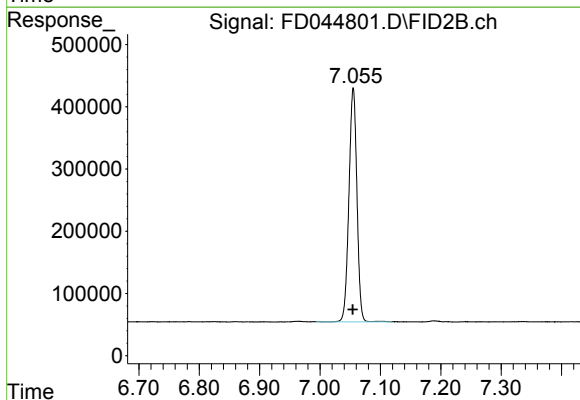
R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 3320347
Conc: 20.64 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



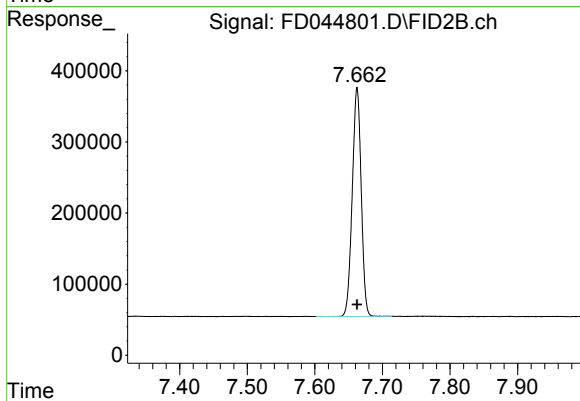
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.001 min
Response: 3446562
Conc: 20.53 ug/ml



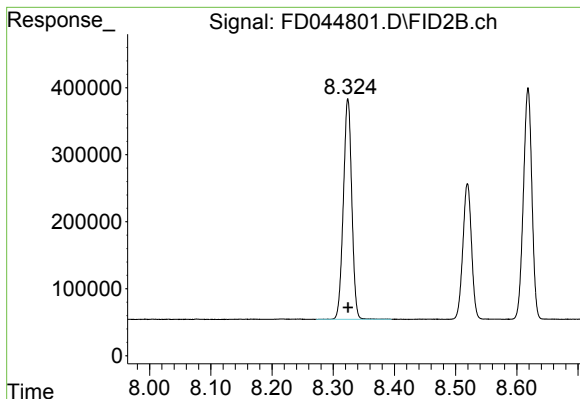
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 3449816
Conc: 20.52 ug/ml



#4 2-Bromonaphthalene (SURR)

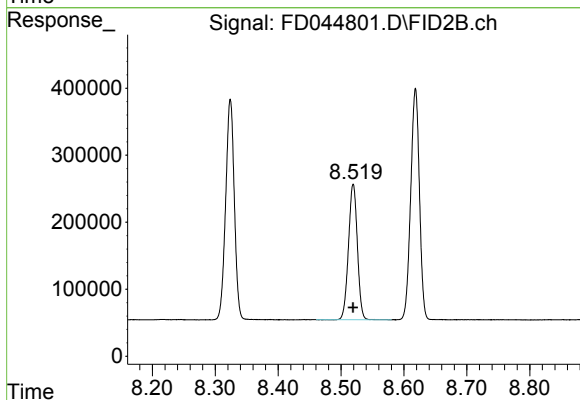
R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 2962294
Conc: 20.54 ug/ml



#5 Acenaphthylene (C15.06)

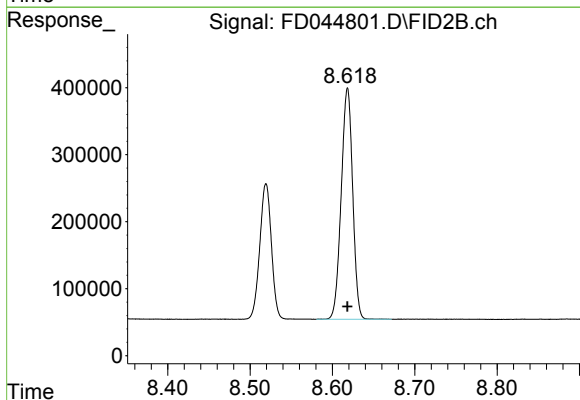
R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 3150372
Conc: 20.77 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



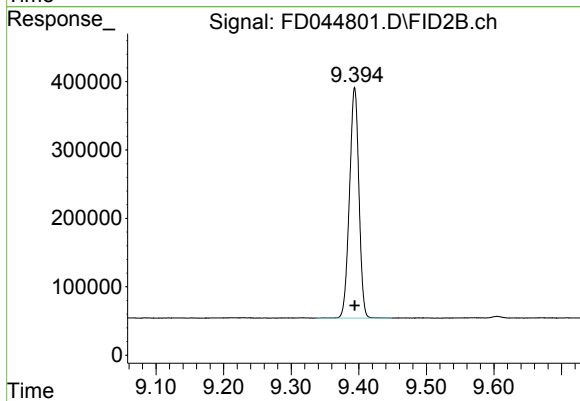
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 1984145
Conc: 20.44 ug/ml



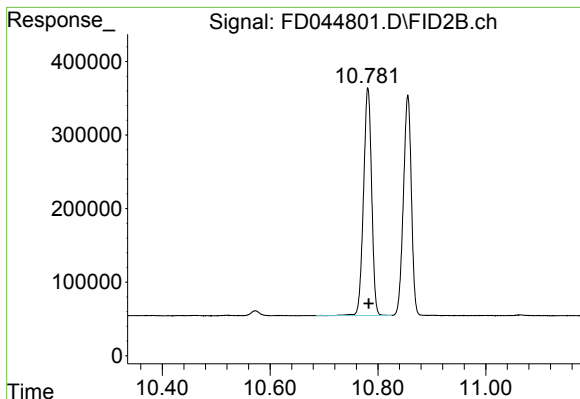
#7 Acenaphthene (C15.5)

R.T.: 8.618 min
Delta R.T.: 0.000 min
Response: 3333098
Conc: 20.56 ug/ml



#8 Fluorene (C16.55)

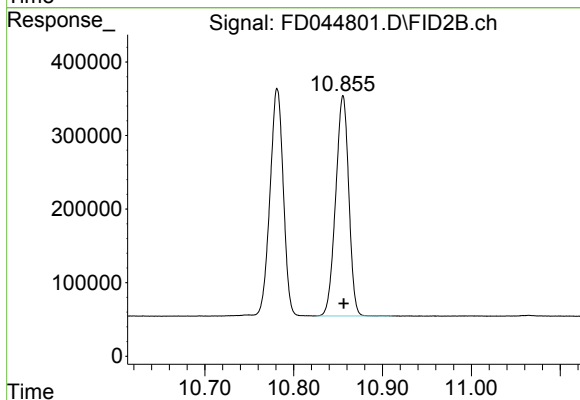
R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 3271594
Conc: 20.53 ug/ml



#9 Phenanthrene (C19.36)

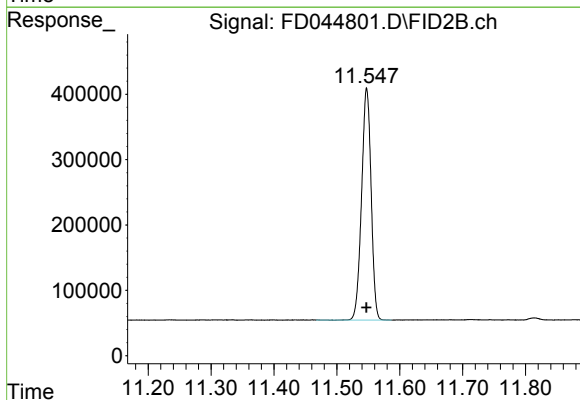
R.T.: 10.781 min
Delta R.T.: -0.002 min
Response: 3234278
Conc: 20.61 ug/ml

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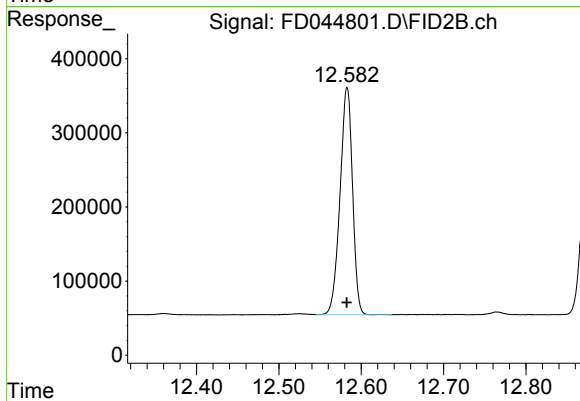
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: 0.000 min
Response: 3072341
Conc: 24.43 ug/ml



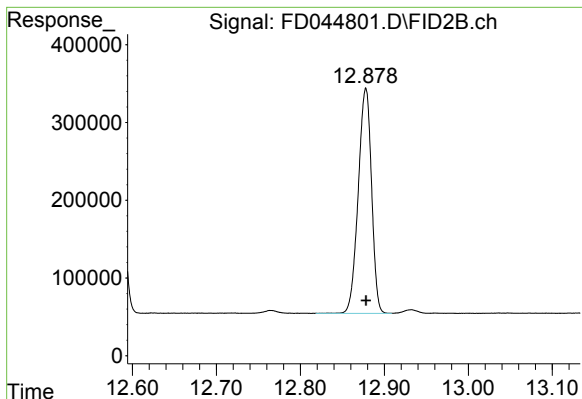
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: 0.000 min
Response: 3726546
Conc: 20.68 ug/ml



#12 Fluoranthene (C21.85)

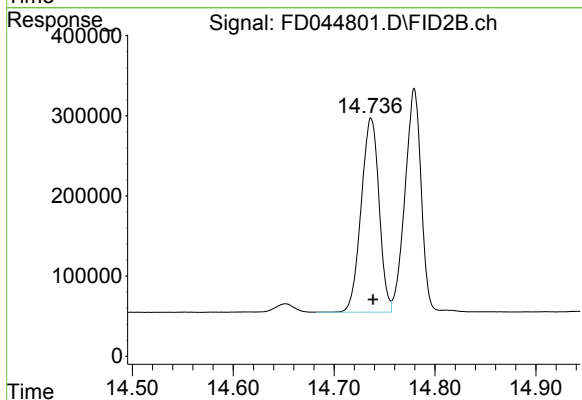
R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 3237088
Conc: 20.61 ug/ml



#13 Pyrene (C20.8)

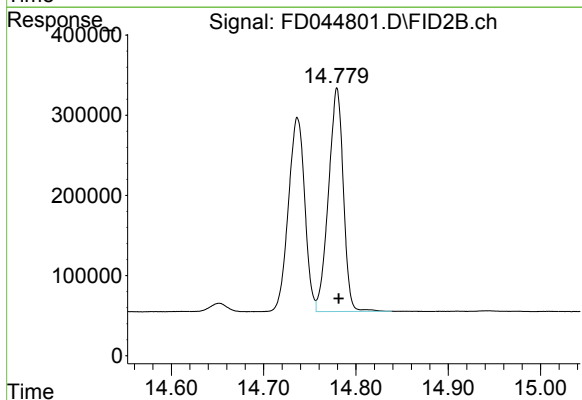
R.T.: 12.878 min
Delta R.T.: 0.000 min
Response: 3183810
Conc: 20.80 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



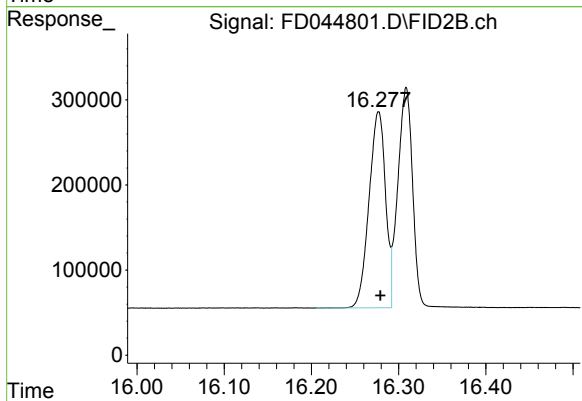
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.737 min
Delta R.T.: -0.002 min
Response: 2981832
Conc: 20.97 ug/ml



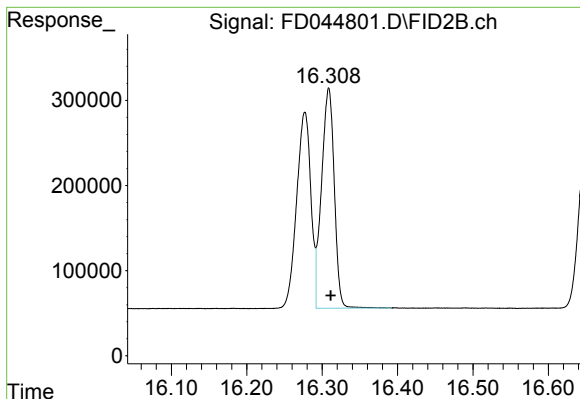
#15 Chrysene (C27.41)

R.T.: 14.779 min
Delta R.T.: -0.002 min
Response: 3115248
Conc: 20.54 ug/ml



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

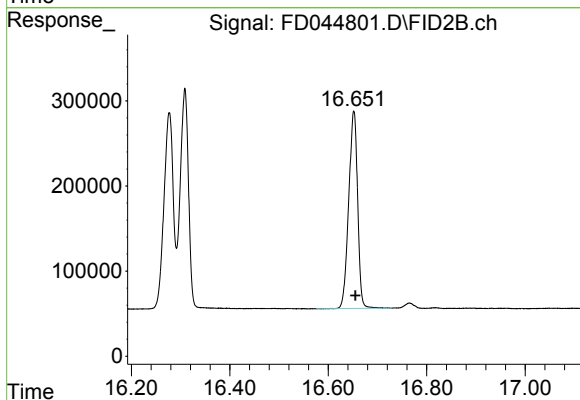
R.T.: 16.277 min
Delta R.T.: -0.002 min
Response: 3025833
Conc: 20.12 ug/ml



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

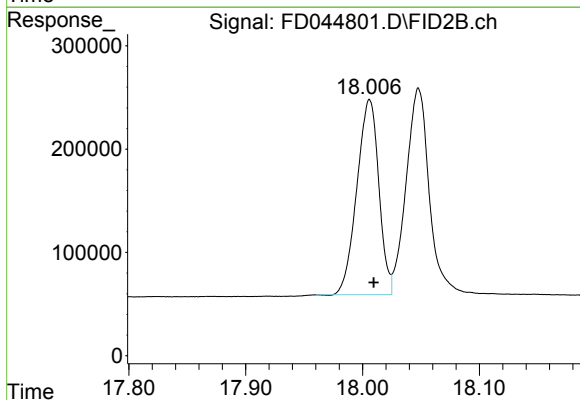
R.T.: 16.309 min
Delta R.T.: -0.003 min
Response: 3038505
Conc: 20.06 ug/ml

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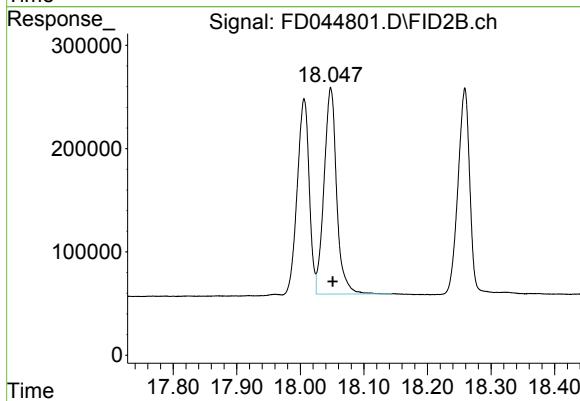
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.003 min
Response: 2911713
Conc: 20.07 ug/ml



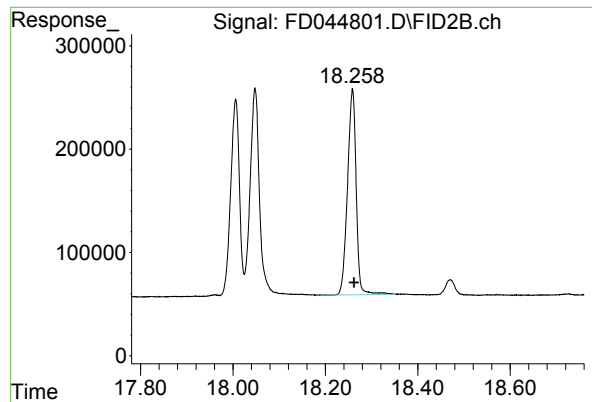
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.006 min
Delta R.T.: -0.004 min
Response: 2464698
Conc: 17.43 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.003 min
Response: 2766770
Conc: 18.87 ug/ml



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

R.T.: 18.259 min
Delta R.T.: -0.003 min
Response: 2592477
Conc: 18.25 ug/ml

Instrument :

FID_D

ClientSampleId :

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