

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011223AR\
 Data File : FD044763.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jan 2023 14:12
 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 04:48:33 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...	7.661	2834727	19.658 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
6) S 2-Fluorobiphenyl (SURR)	8.517	1886247	19.432 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.86%
11) S ortho-Terphenyl (SURR)	11.547	3543871	19.670 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	3181540	19.774 ug/ml
2) T Naphthalene (C11.7)	6.009	3306433	19.700 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	3313761	19.708 ug/ml
5) T Acenaphthylene (C15.06)	8.322	2997198	19.761 ug/ml
7) T Acenaphthene (C15.5)	8.616	3175391	19.588 ug/ml
8) T Flouorene (C16.55)	9.393	3098826	19.443 ug/ml
9) T Phenanthrene (C19.36)	10.781	3062793	19.516 ug/ml
10) T Anthracene (C19.43)	10.854	2914922	23.180 ug/ml
12) T Fluoranthene (C21.85)	12.582	3067940	19.537 ug/ml
13) T Pyrene (C20.8)	12.877	3026142	19.768 ug/ml
14) T Benzo[a]anthracene (C...	14.737	2821028	19.840 ug/ml
15) T Chrysene (C27.41)	14.779	2931140	19.330 ug/ml
16) T benzo[b]fluoranthene ...	16.277	2794317	18.580 ug/ml
17) T Bnezo[k]fluoranthene ...	16.309	2820828	18.619 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	2677242	18.453 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.006	2399019	16.964 ug/ml
20) T Dibenz[a,h]anthracene...	18.048	2671521	18.225 ug/ml
21) T Benzo[g,h,i]perylene ...	18.258	2543121	17.902 ug/ml

(f)=RT Delta > 1/2 Window

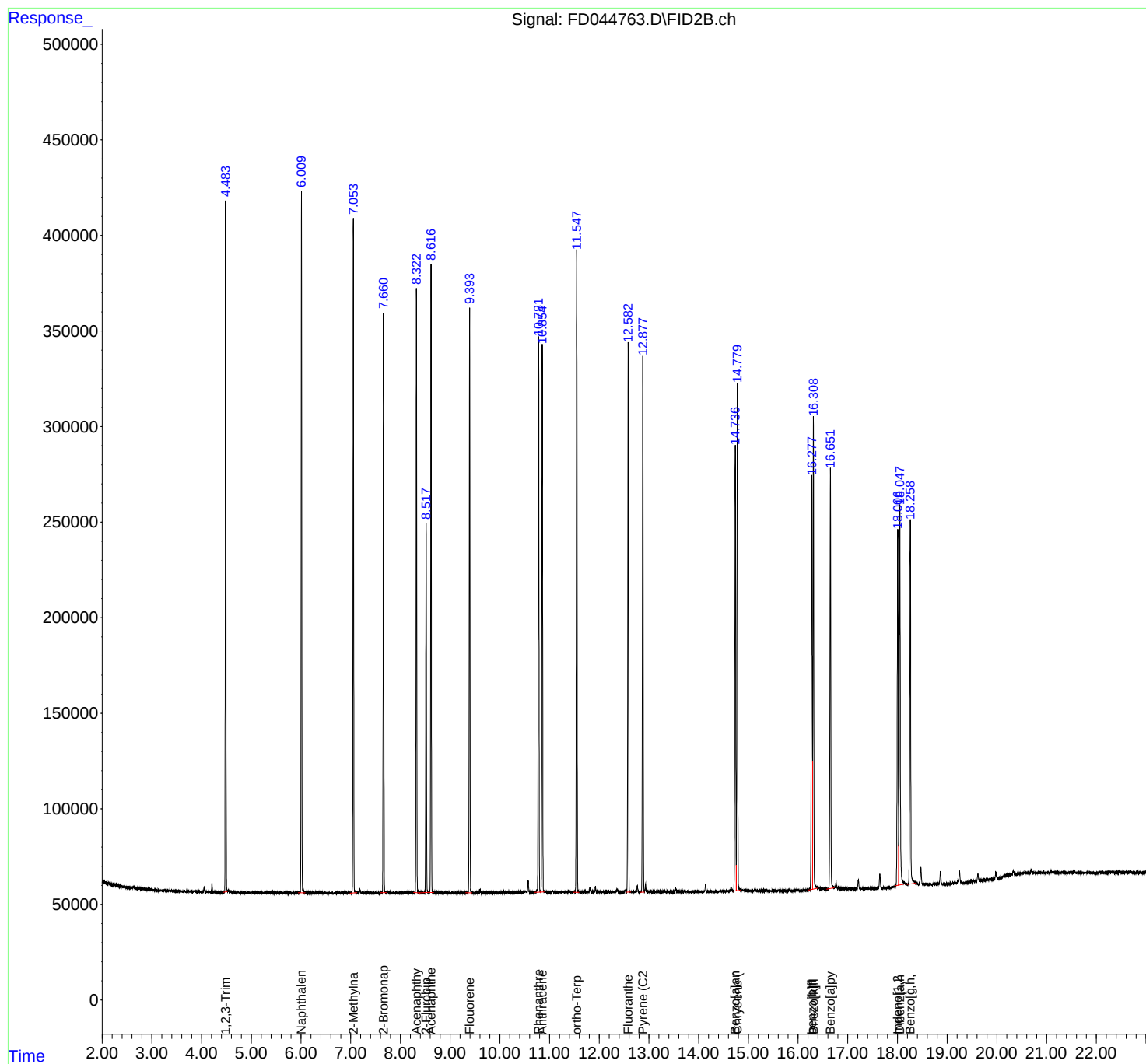
(m)=manual int.

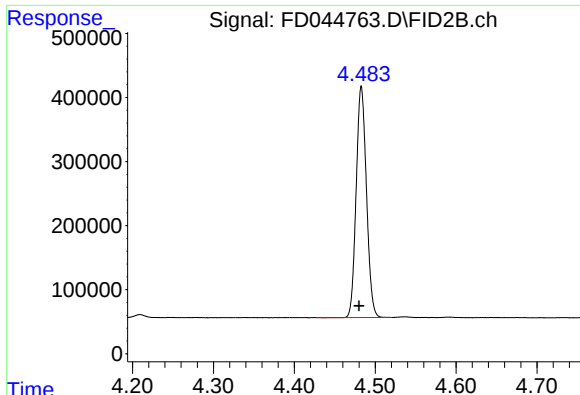
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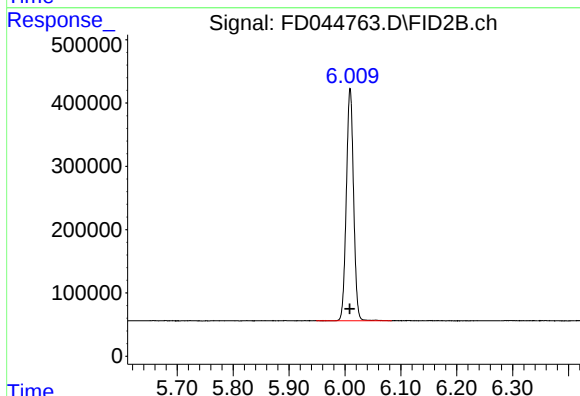




#1 1,2,3-Trimethylbenzene (C10.1)

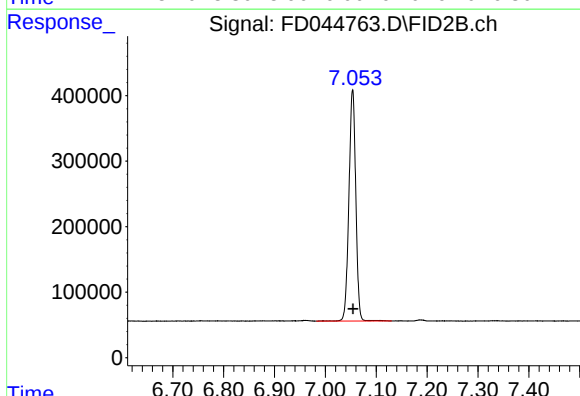
R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 3181540
Conc: 19.77 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



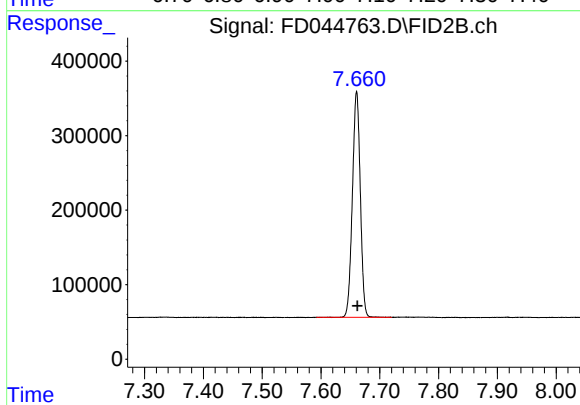
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 3306433
Conc: 19.70 ug/ml



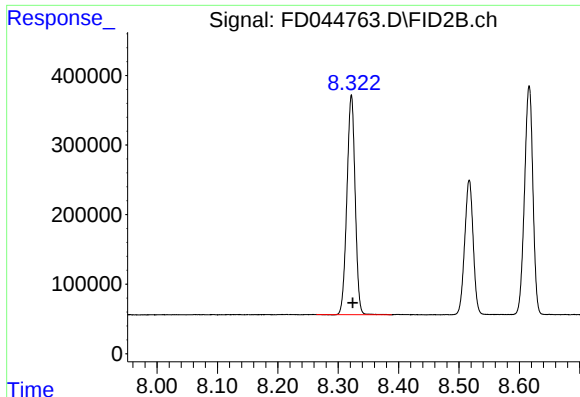
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 3313761
Conc: 19.71 ug/ml



#4 2-Bromonaphthalene (SURR)

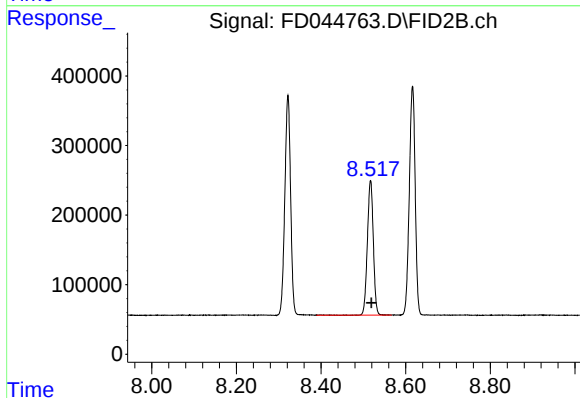
R.T.: 7.661 min
Delta R.T.: -0.002 min
Response: 2834727
Conc: 19.66 ug/ml



#5 Acenaphthylene (C15.06)

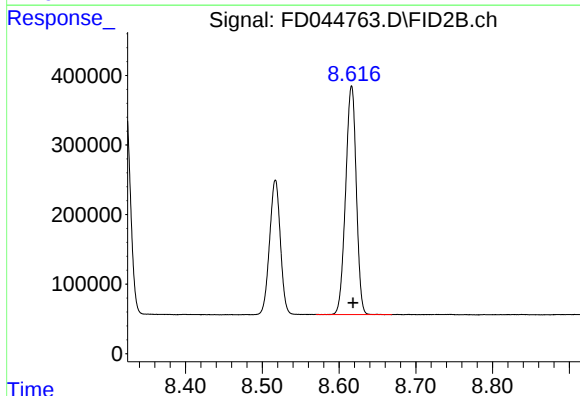
R.T.: 8.322 min
Delta R.T.: -0.002 min
Response: 2997198
Conc: 19.76 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



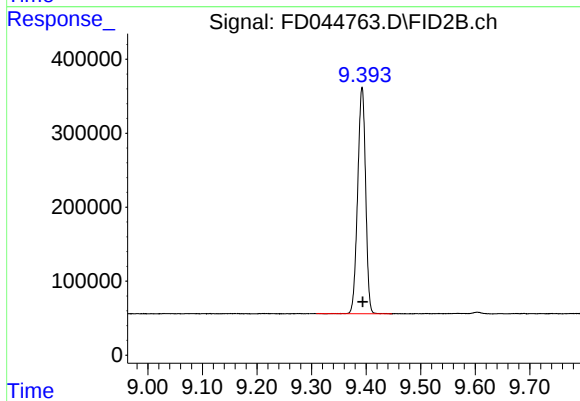
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.517 min
Delta R.T.: -0.002 min
Response: 1886247
Conc: 19.43 ug/ml



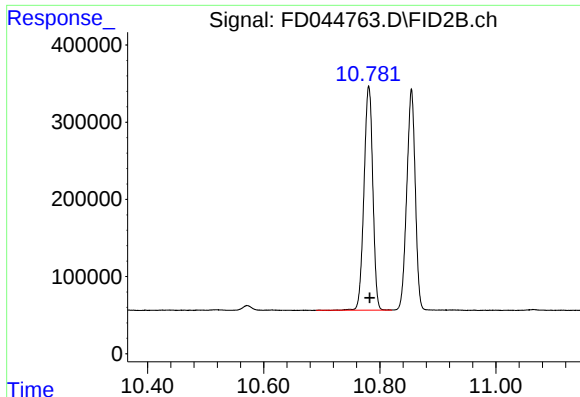
#7 Acenaphthene (C15.5)

R.T.: 8.616 min
Delta R.T.: -0.002 min
Response: 3175391
Conc: 19.59 ug/ml



#8 Flouorene (C16.55)

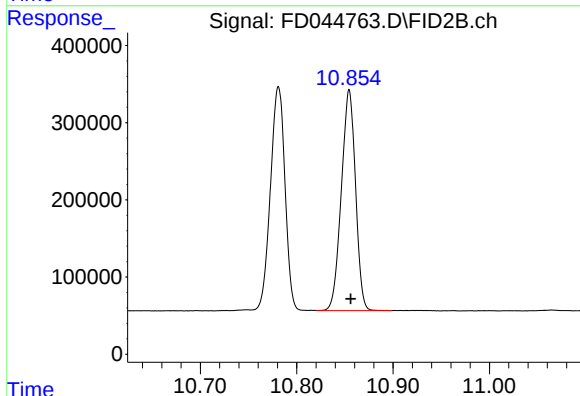
R.T.: 9.393 min
Delta R.T.: -0.001 min
Response: 3098826
Conc: 19.44 ug/ml



#9 Phenanthrene (C19.36)

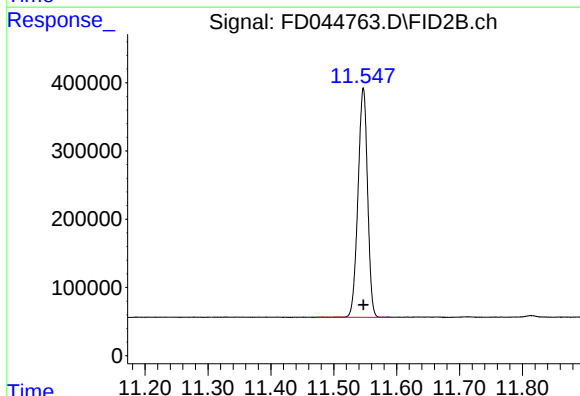
R.T.: 10.781 min
Delta R.T.: -0.002 min
Response: 3062793
Conc: 19.52 ug/ml

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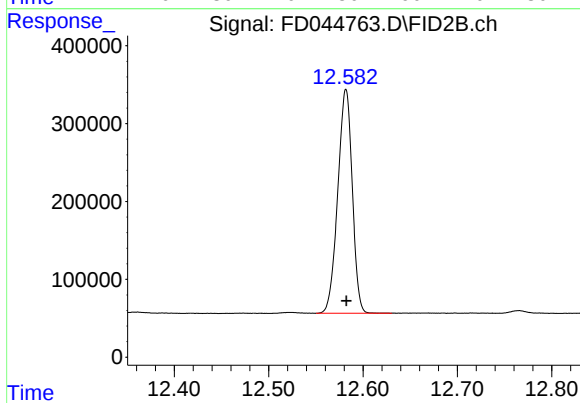
#10 Anthracene (C19.43)

R.T.: 10.854 min
Delta R.T.: -0.002 min
Response: 2914922
Conc: 23.18 ug/ml



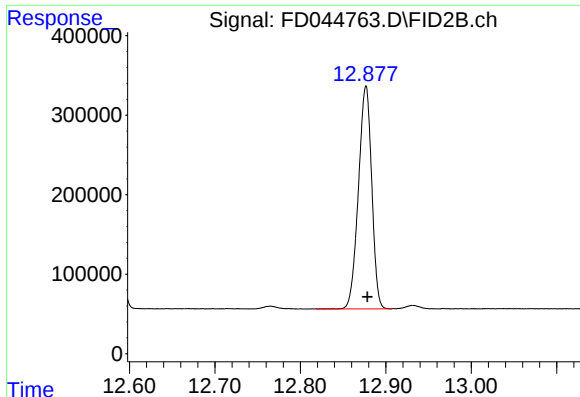
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 3543871
Conc: 19.67 ug/ml



#12 Fluoranthene (C21.85)

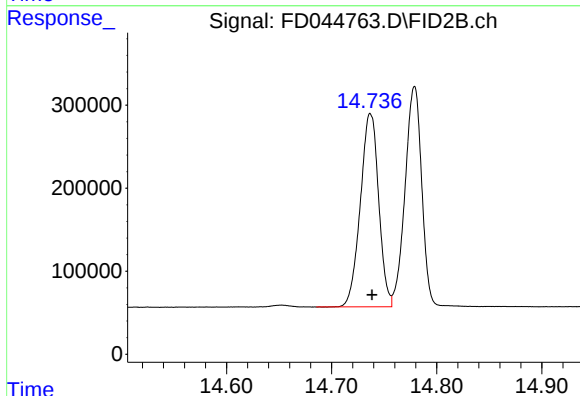
R.T.: 12.582 min
Delta R.T.: 0.000 min
Response: 3067940
Conc: 19.54 ug/ml



#13 Pyrene (C20.8)

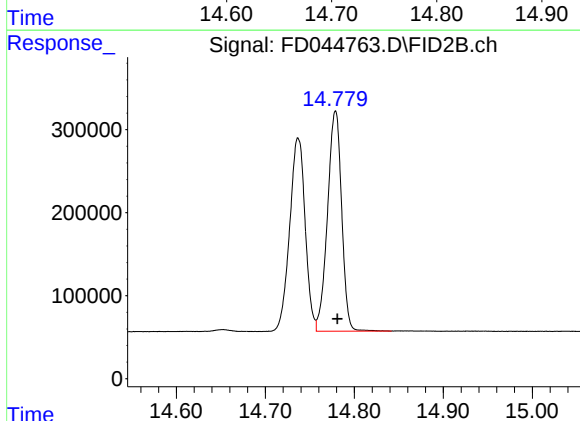
R.T.: 12.877 min
Delta R.T.: -0.002 min
Response: 3026142
Conc: 19.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



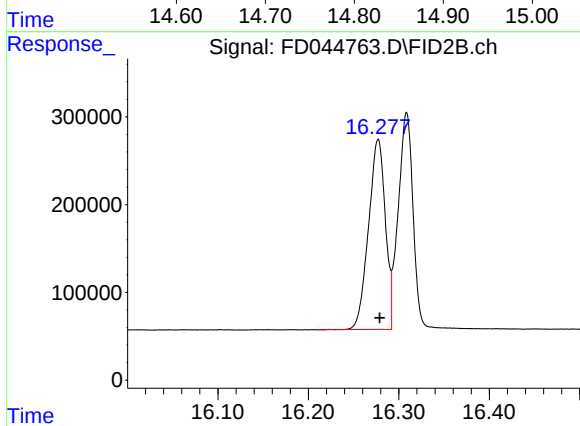
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.737 min
Delta R.T.: -0.002 min
Response: 2821028
Conc: 19.84 ug/ml



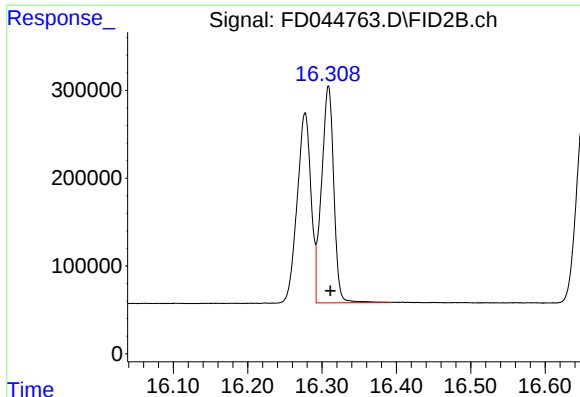
#15 Chrysene (C27.41)

R.T.: 14.779 min
Delta R.T.: -0.003 min
Response: 2931140
Conc: 19.33 ug/ml



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

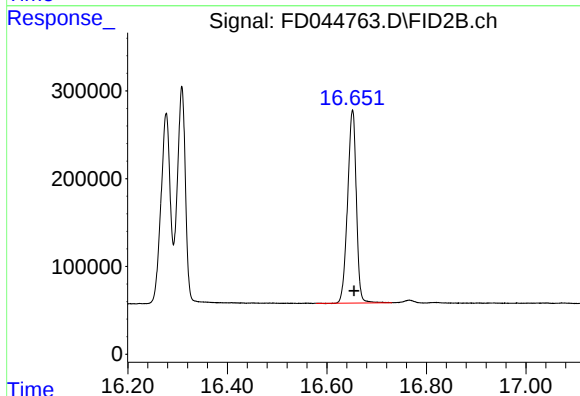
R.T.: 16.277 min
Delta R.T.: -0.002 min
Response: 2794317
Conc: 18.58 ug/ml



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

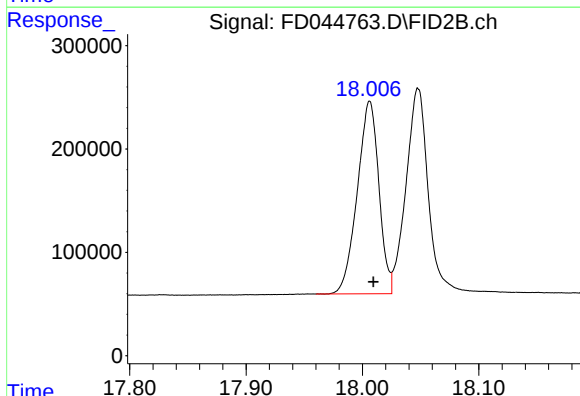
R.T.: 16.309 min
Delta R.T.: -0.003 min
Response: 2820828
Conc: 18.62 ug/ml

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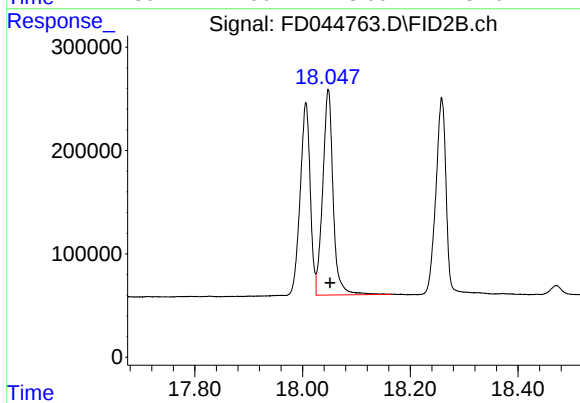
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.003 min
Response: 2677242
Conc: 18.45 ug/ml



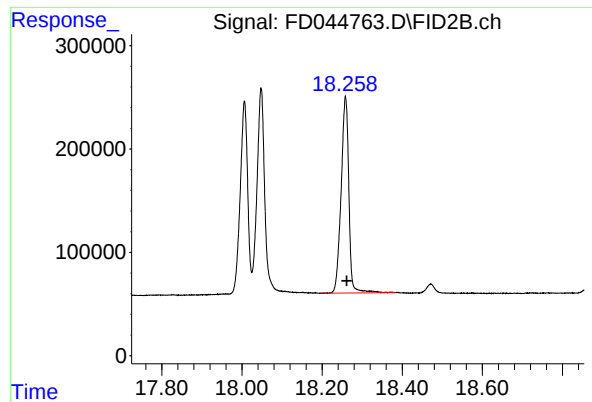
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.006 min
Delta R.T.: -0.003 min
Response: 2399019
Conc: 16.96 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.003 min
Response: 2671521
Conc: 18.22 ug/ml



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

R.T.: 18.258 min
Delta R.T.: -0.004 min
Response: 2543121
Conc: 17.90 ug/ml

Instrument :

FID_D

ClientSampleId :

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