

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051724AR\
 Data File : FD047783.D
 Signal(s) : FID2B.ch
 Acq On : 17 May 2024 14:18
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 18 04:05:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 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...	7.458	3216908	20.512 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
6) S 2-Fluorobiphenyl (SURR)	8.311	2156263	20.614 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.23%
11) S ortho-Terphenyl (SURR)	11.352	3762952	20.065 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	3369238	20.839 ug/ml
2) T Naphthalene (C11.7)	5.795	3511516	20.753 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	3548901	20.834 ug/ml
5) T Acenaphthylene (C15.06)	8.114	3266591	20.030 ug/ml
7) T Acenaphthene (C15.5)	8.409	3486763	20.743 ug/ml
8) T Flouorene (C16.55)	9.188	3384223	20.345 ug/ml
9) T Phenanthrene (C19.36)	10.579	3330021	20.340 ug/ml
10) T Anthracene (C19.43)	10.653	2861863	19.106 ug/ml
12) T Fluoranthene (C21.85)	12.386	3339965	20.128 ug/ml
13) T Pyrene (C20.8)	12.680	3249433	19.971 ug/ml
14) T Benzo[a]anthracene (C...	14.549	2929480	20.069 ug/ml
15) T Chrysene (C27.41)	14.591	3167907	20.103 ug/ml
16) T benzo[b]fluoranthene ...	16.096	3052914	20.440 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	3085773	20.496 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.473	2981866	20.665 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	2753795	20.290 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	2978025	20.800 ug/ml
21) T Benzo[g,h,i]perylene ...	18.087	2969496	21.628 ug/ml

(f)=RT Delta > 1/2 Window

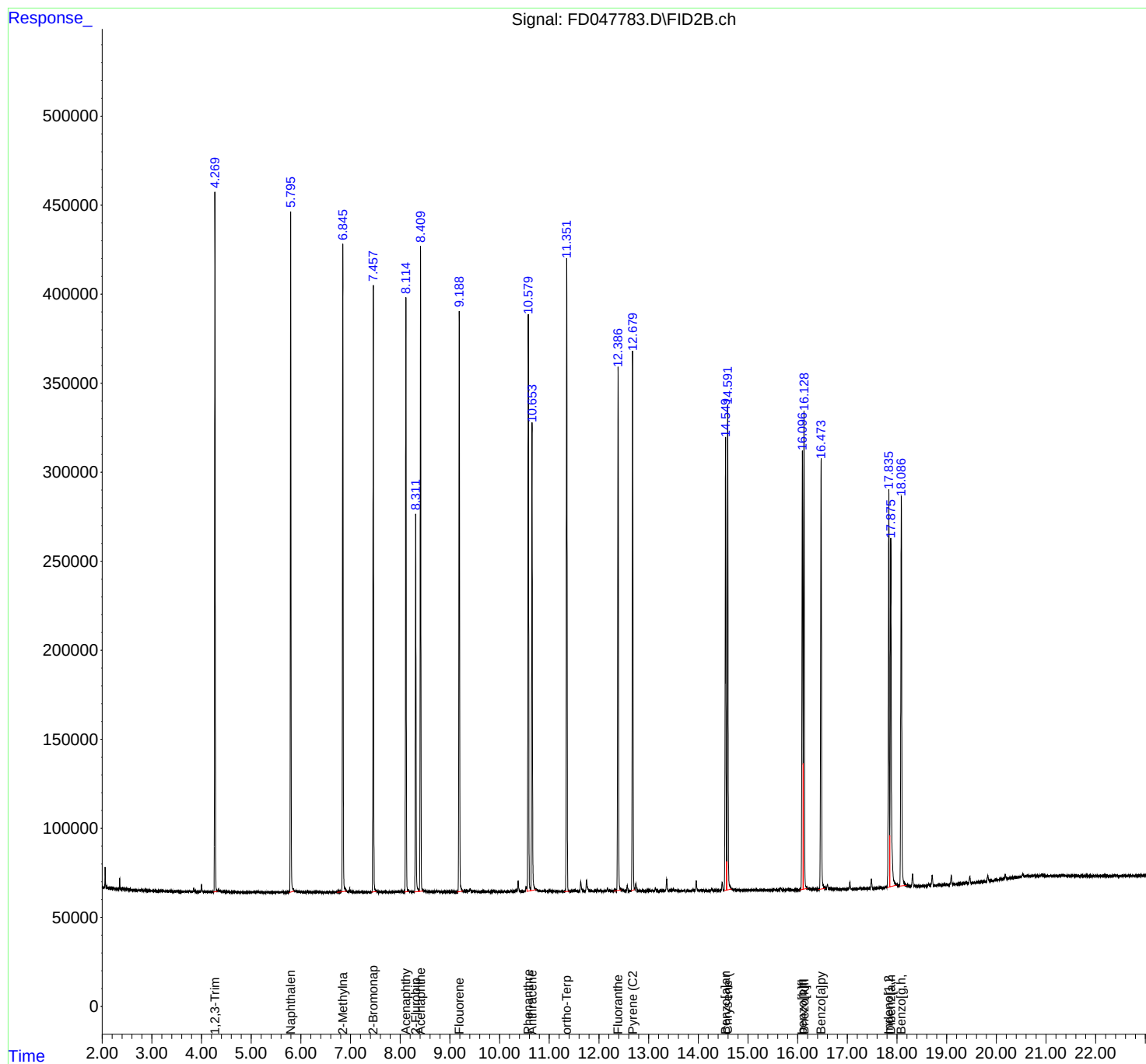
(m)=manual int.

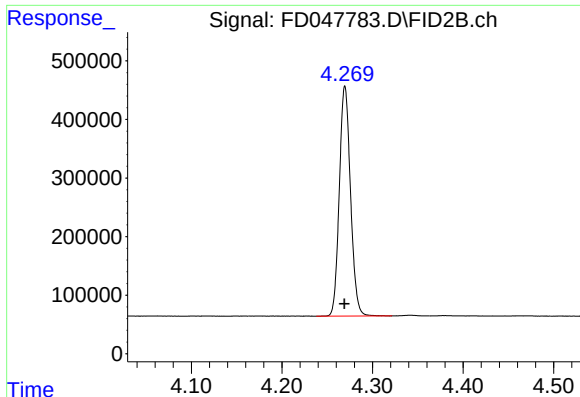
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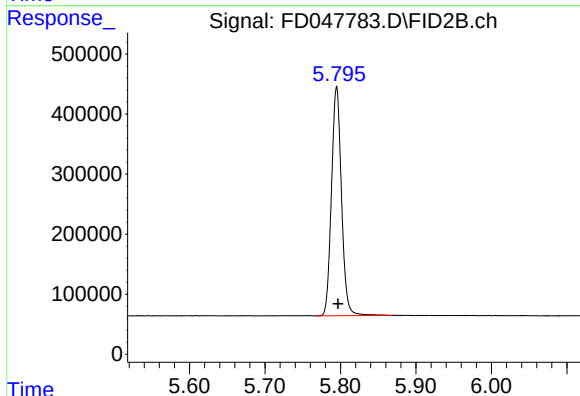




#1 1,2,3-Trimethylbenzene (C10.1)

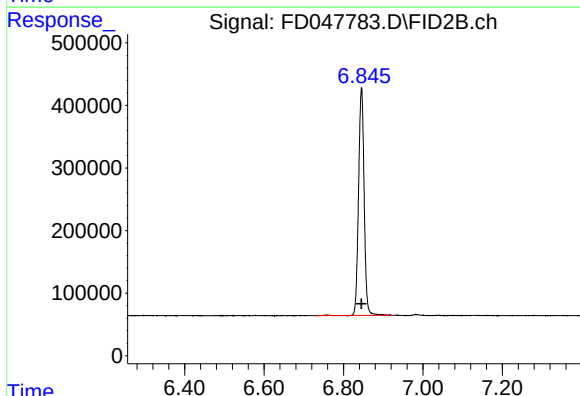
R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 3369238
Conc: 20.84 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



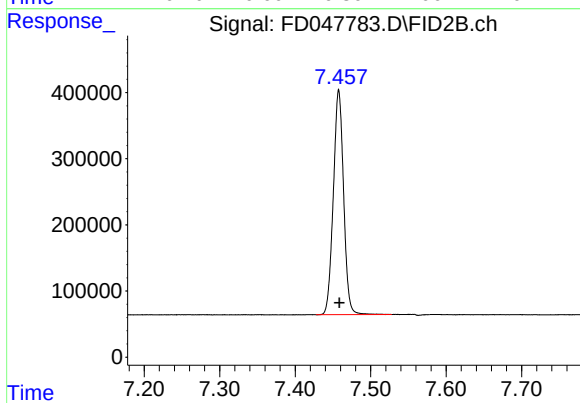
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 3511516
Conc: 20.75 ug/ml



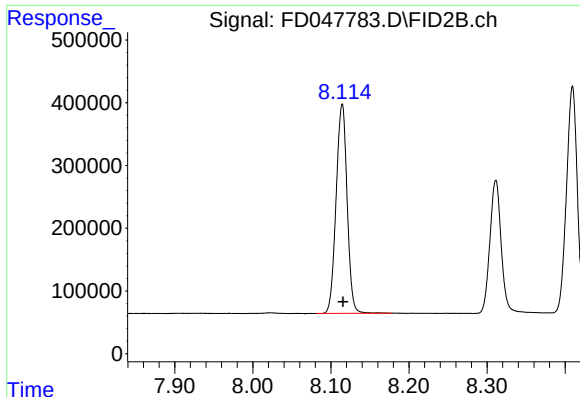
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 3548901
Conc: 20.83 ug/ml



#4 2-Bromonaphthalene (SURR)

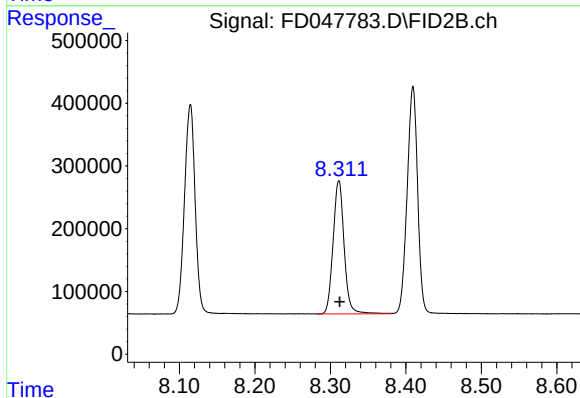
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 3216908
Conc: 20.51 ug/ml



#5 Acenaphthylene (C15.06)

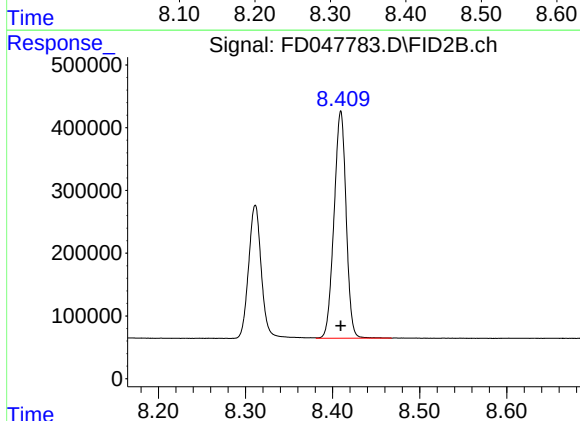
R.T.: 8.114 min
Delta R.T.: -0.001 min
Response: 3266591
Conc: 20.03 ug/ml

Instrument :
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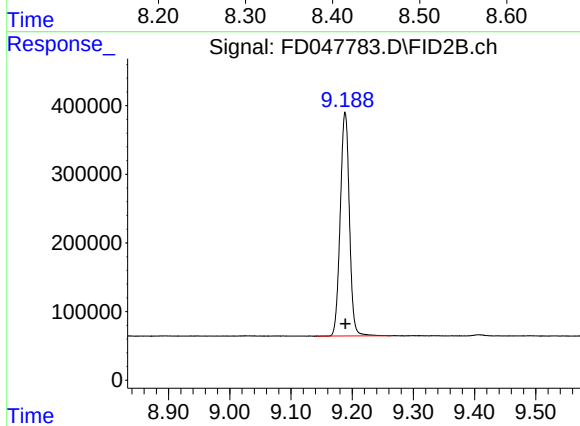
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.311 min
Delta R.T.: -0.001 min
Response: 2156263
Conc: 20.61 ug/ml



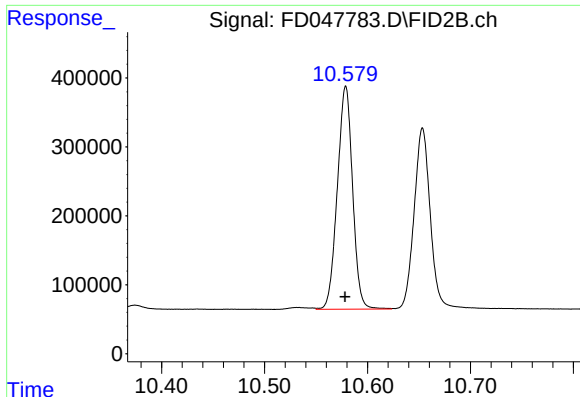
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.000 min
Response: 3486763
Conc: 20.74 ug/ml



#8 Flouorene (C16.55)

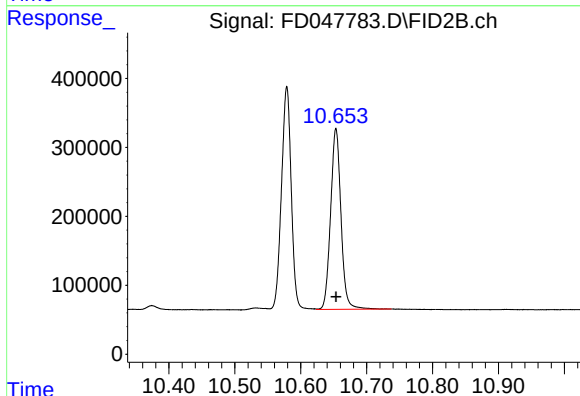
R.T.: 9.188 min
Delta R.T.: 0.000 min
Response: 3384223
Conc: 20.34 ug/ml



#9 Phenanthrene (C19.36)

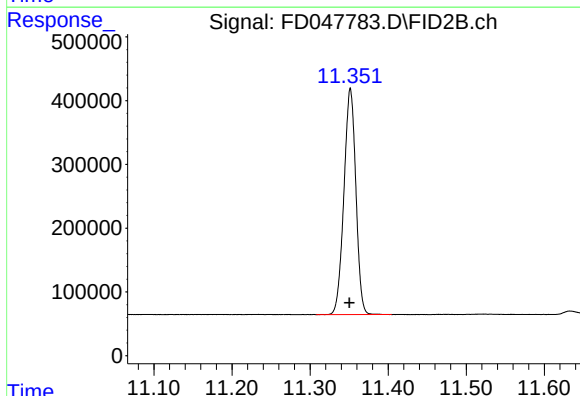
R.T.: 10.579 min
Delta R.T.: 0.000 min
Response: 3330021
Conc: 20.34 ug/ml

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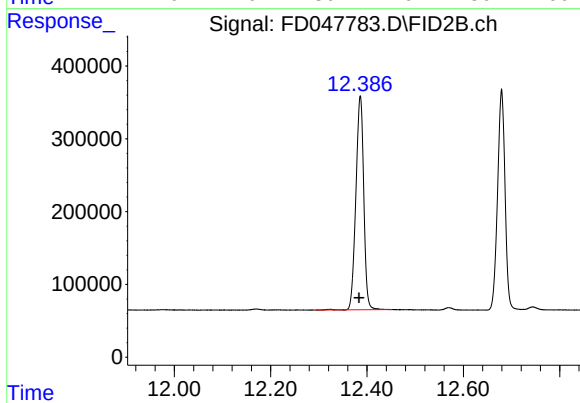
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: 0.000 min
Response: 2861863
Conc: 19.11 ug/ml



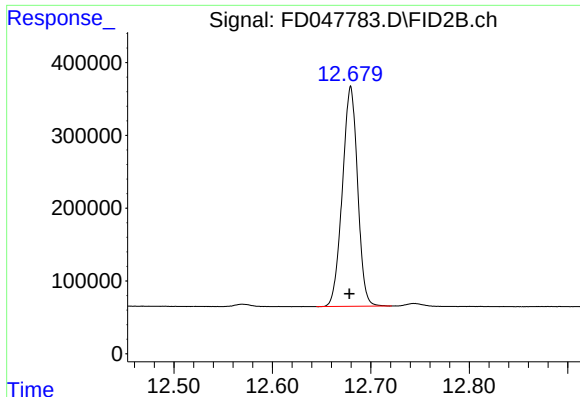
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.001 min
Response: 3762952
Conc: 20.07 ug/ml



#12 Fluoranthene (C21.85)

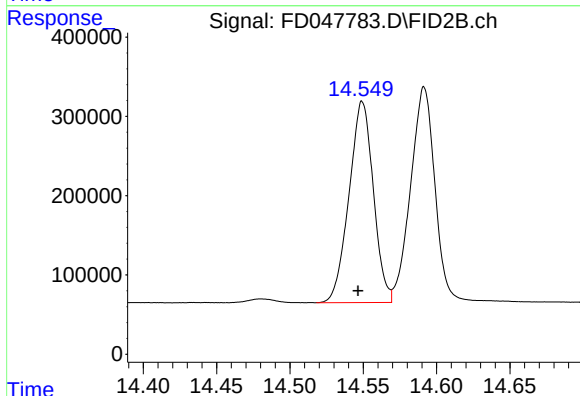
R.T.: 12.386 min
Delta R.T.: 0.003 min
Response: 3339965
Conc: 20.13 ug/ml



#13 Pyrene (C20.8)

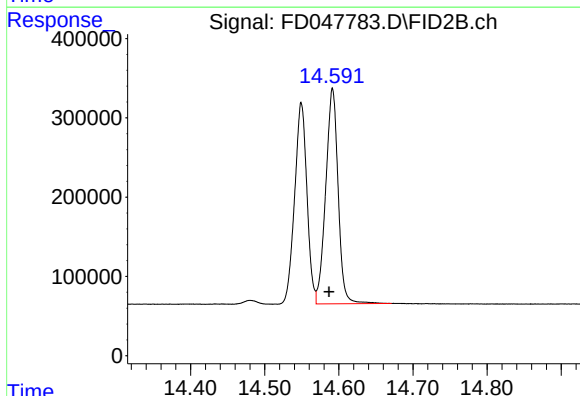
R.T.: 12.680 min
Delta R.T.: 0.001 min
Response: 3249433
Conc: 19.97 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



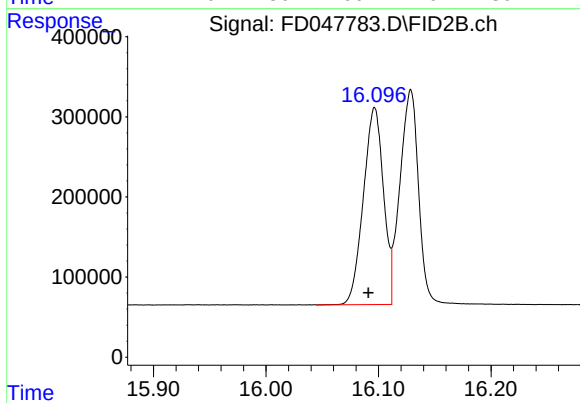
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: 0.003 min
Response: 2929480
Conc: 20.07 ug/ml



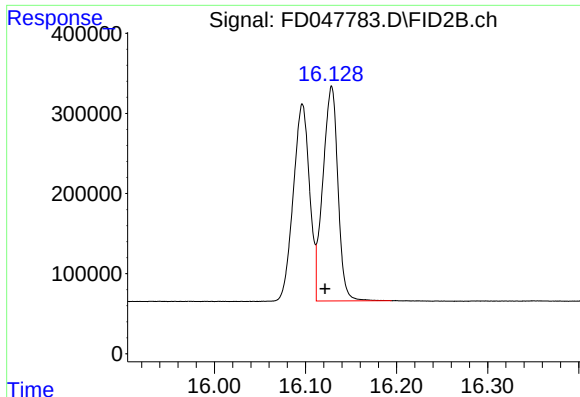
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.005 min
Response: 3167907
Conc: 20.10 ug/ml



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

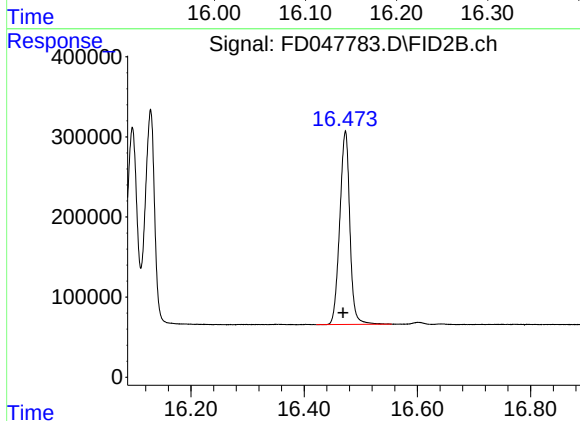
R.T.: 16.096 min
Delta R.T.: 0.006 min
Response: 3052914
Conc: 20.44 ug/ml



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

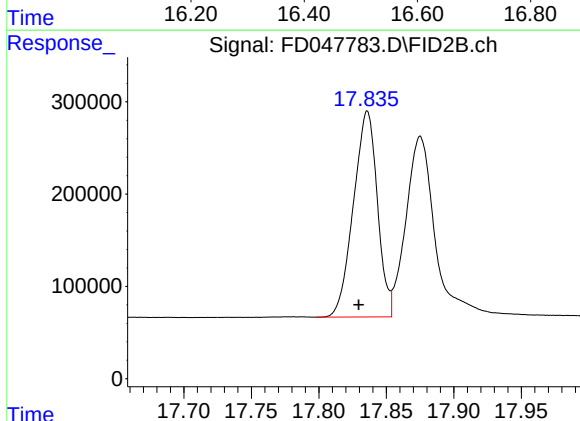
R.T.: 16.128 min
Delta R.T.: 0.007 min
Response: 3085773
Conc: 20.50 ug/ml

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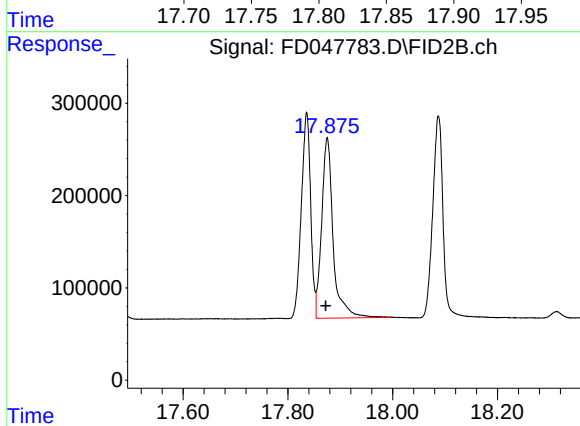
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: 0.004 min
Response: 2981866
Conc: 20.67 ug/ml



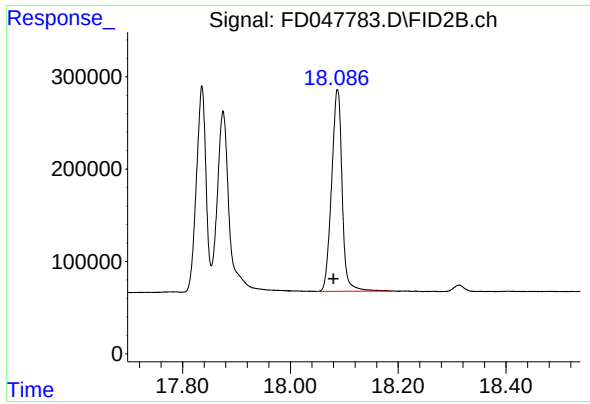
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.006 min
Response: 2753795
Conc: 20.29 ug/ml



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

R.T.: 17.875 min
Delta R.T.: 0.003 min
Response: 2978025
Conc: 20.80 ug/ml



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

R.T.: 18.087 min
Delta R.T.: 0.007 min
Response: 2969496
Conc: 21.63 ug/ml

Instrument :

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ClientSampleId :

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