

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
 Data File : FD047679.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2024 15:12
 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: May 08 16:24:23 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...	7.460	3257370	20.770 ug/ml
Spiked Amount 50.000		Recovery =	41.54%
6) S 2-Fluorobiphenyl (SURR)	8.313	2191657	20.952 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.90%
11) S ortho-Terphenyl (SURR)	11.354	3821977	20.380 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	3385772	20.941 ug/ml
2) T Naphthalene (C11.7)	5.798	3544753	20.949 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	3591861	21.086 ug/ml
5) T Acenaphthylene (C15.06)	8.116	3307596	20.281 ug/ml
7) T Acenaphthene (C15.5)	8.411	3528954	20.994 ug/ml
8) T Flouorene (C16.55)	9.191	3435079	20.651 ug/ml
9) T Phenanthrene (C19.36)	10.581	3385587	20.679 ug/ml
10) T Anthracene (C19.43)	10.656	2832748	18.912 ug/ml
12) T Fluoranthene (C21.85)	12.388	3436149	20.708 ug/ml
13) T Pyrene (C20.8)	12.682	3329158	20.461 ug/ml
14) T Benzo[a]anthracene (C...	14.551	3000722	20.557 ug/ml
15) T Chrysene (C27.41)	14.592	3269734	20.749 ug/ml
16) T benzo[b]fluoranthene ...	16.098	3118094	20.877 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	3150303	20.925 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	3029535	20.996 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	2833323	20.876 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	3027690	21.147 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	2973033	21.654 ug/ml

(f)=RT Delta > 1/2 Window

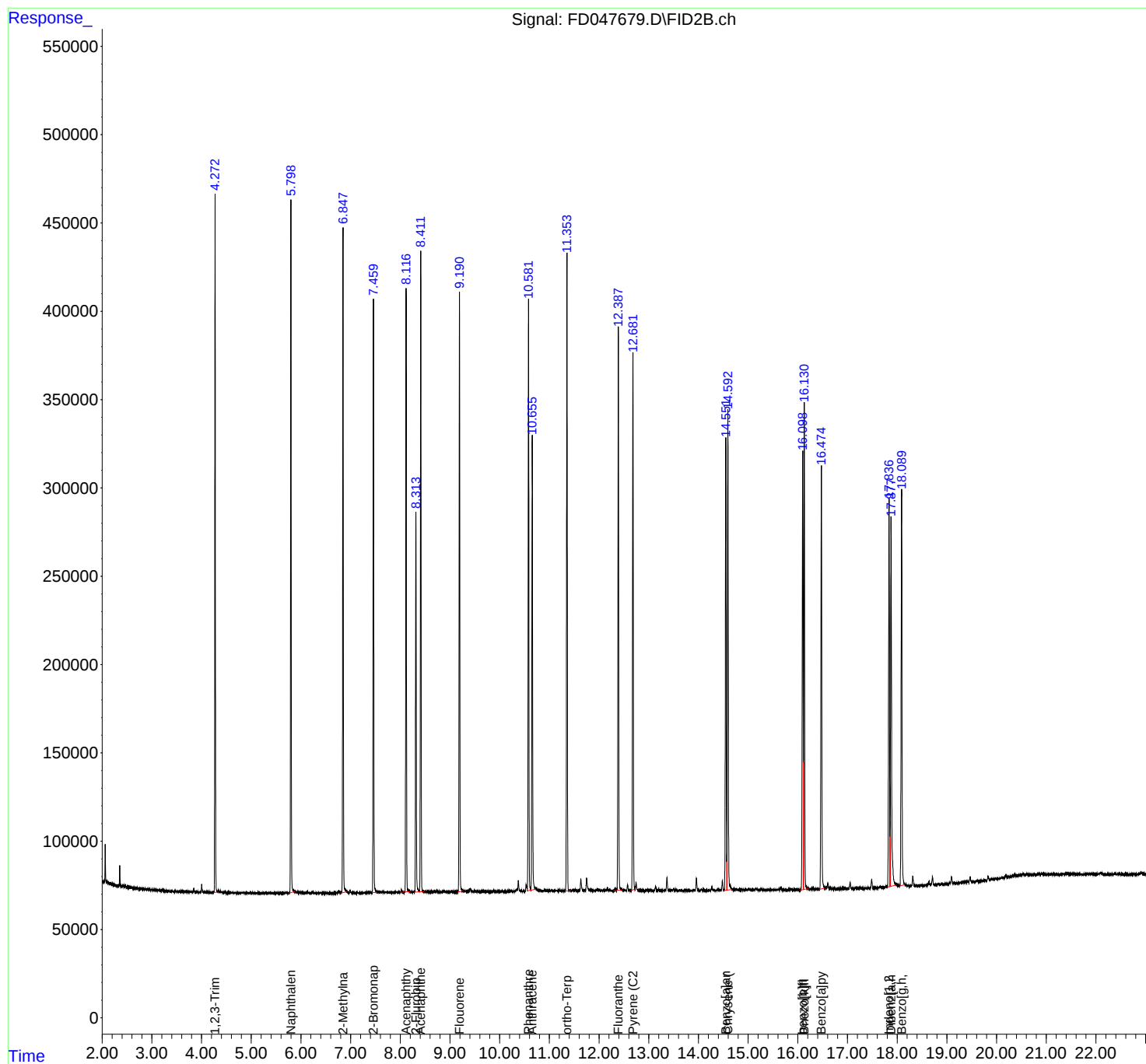
(m)=manual int.

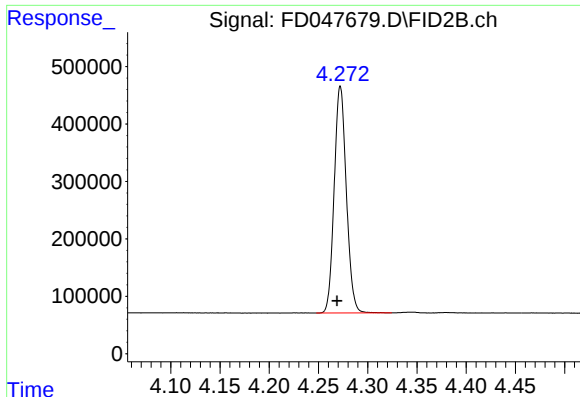
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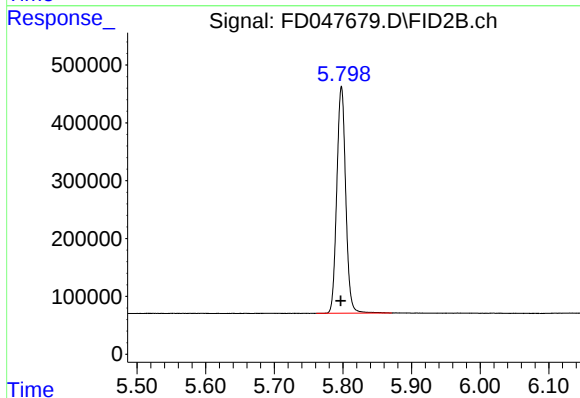




#1 1,2,3-Trimethylbenzene (C10.1)

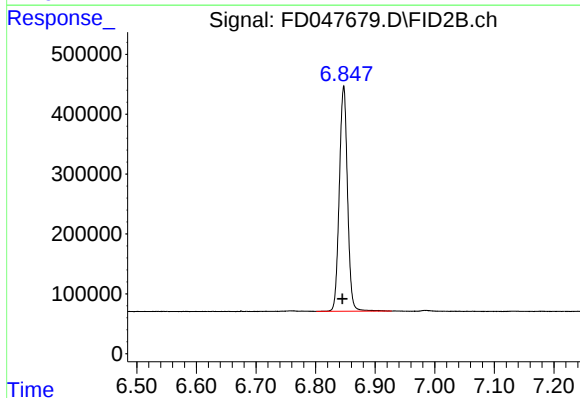
R.T.: 4.272 min
Delta R.T.: 0.003 min
Response: 3385772
Conc: 20.94 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



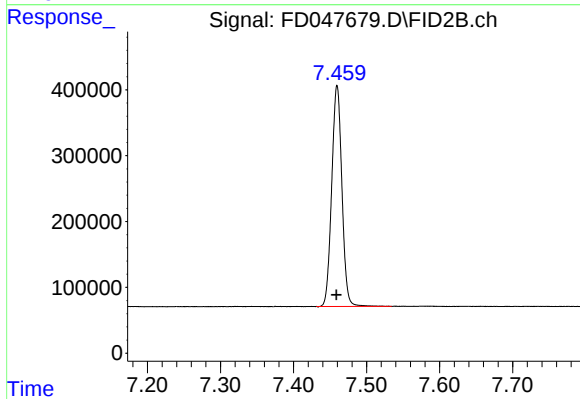
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: 0.001 min
Response: 3544753
Conc: 20.95 ug/ml



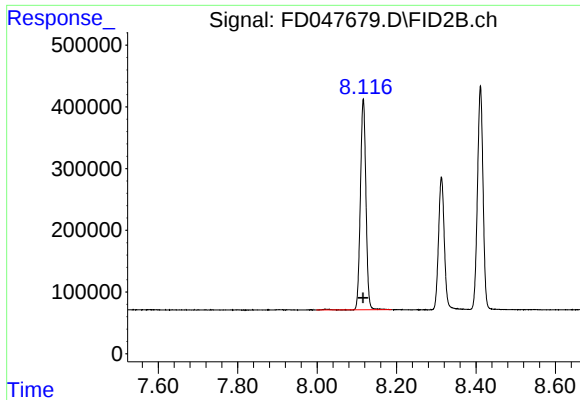
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: 0.002 min
Response: 3591861
Conc: 21.09 ug/ml



#4 2-Bromonaphthalene (SURR)

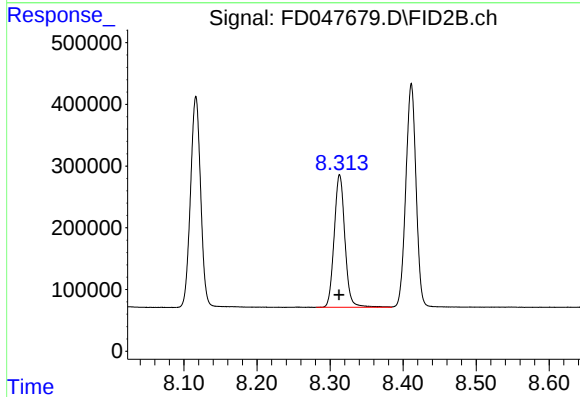
R.T.: 7.460 min
Delta R.T.: 0.001 min
Response: 3257370
Conc: 20.77 ug/ml



#5 Acenaphthylene (C15.06)

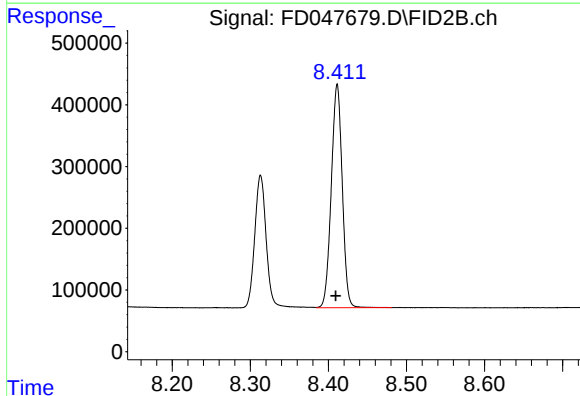
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 3307596
Conc: 20.28 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



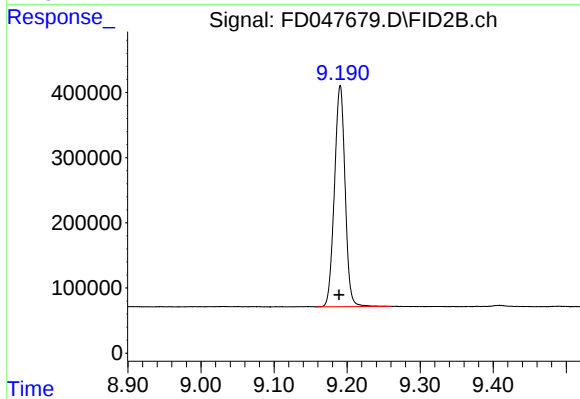
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 2191657
Conc: 20.95 ug/ml



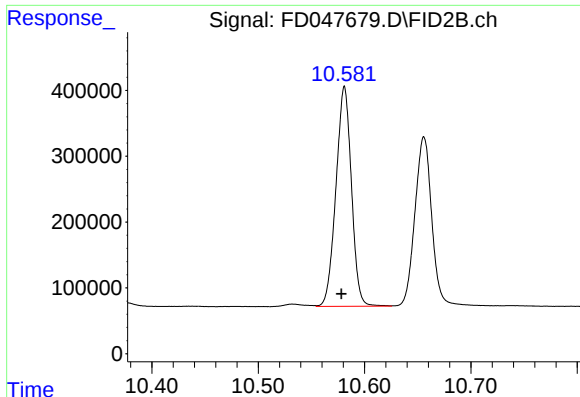
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.002 min
Response: 3528954
Conc: 20.99 ug/ml



#8 Fluorene (C16.55)

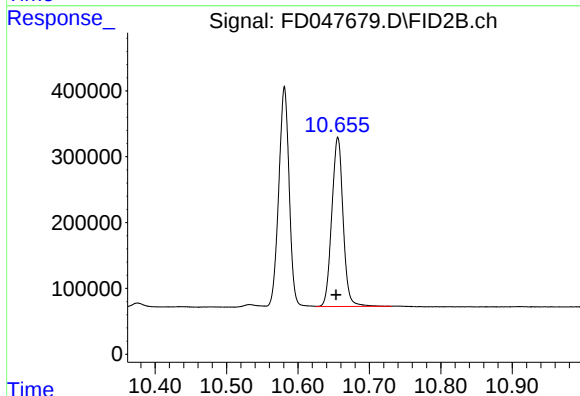
R.T.: 9.191 min
Delta R.T.: 0.002 min
Response: 3435079
Conc: 20.65 ug/ml



#9 Phenanthrene (C19.36)

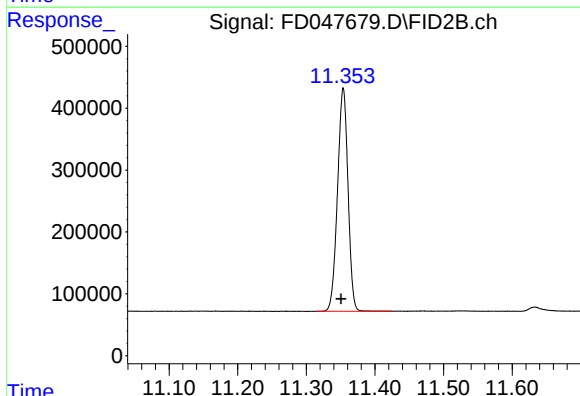
R.T.: 10.581 min
Delta R.T.: 0.003 min
Response: 3385587
Conc: 20.68 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



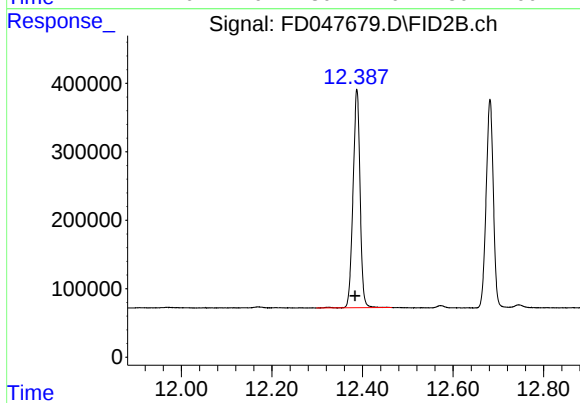
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.002 min
Response: 2832748
Conc: 18.91 ug/ml



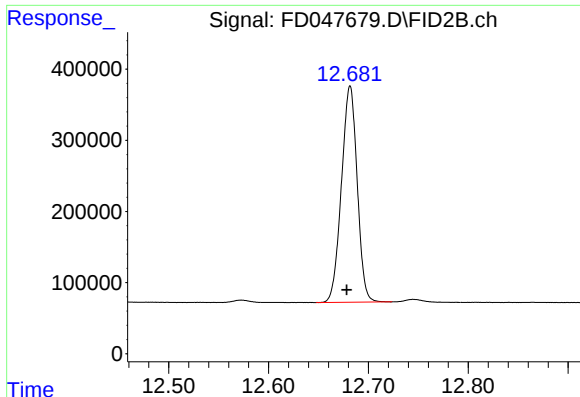
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.003 min
Response: 3821977
Conc: 20.38 ug/ml



#12 Fluoranthene (C21.85)

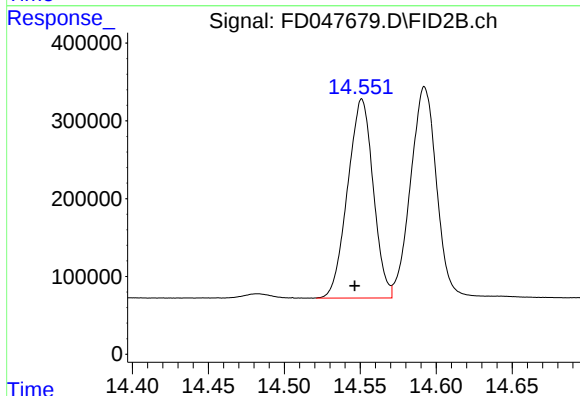
R.T.: 12.388 min
Delta R.T.: 0.004 min
Response: 3436149
Conc: 20.71 ug/ml



#13 Pyrene (C20.8)

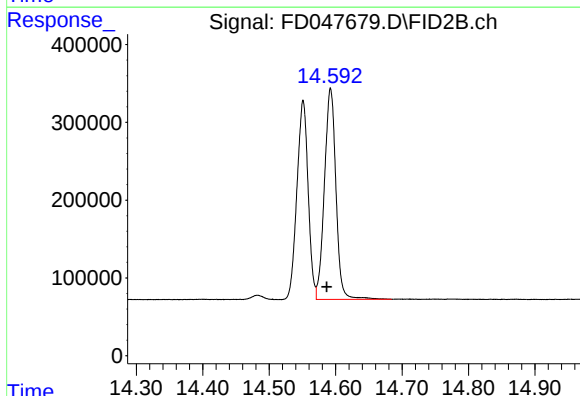
R.T.: 12.682 min
Delta R.T.: 0.003 min
Response: 3329158
Conc: 20.46 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



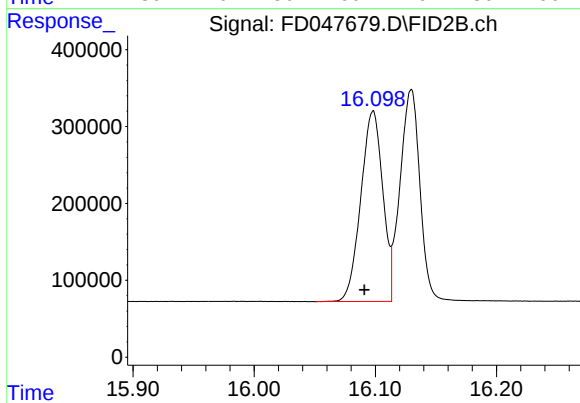
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: 0.004 min
Response: 3000722
Conc: 20.56 ug/ml



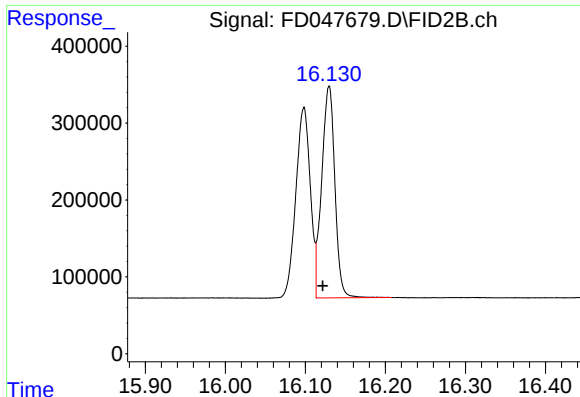
#15 Chrysene (C27.41)

R.T.: 14.592 min
Delta R.T.: 0.006 min
Response: 3269734
Conc: 20.75 ug/ml



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

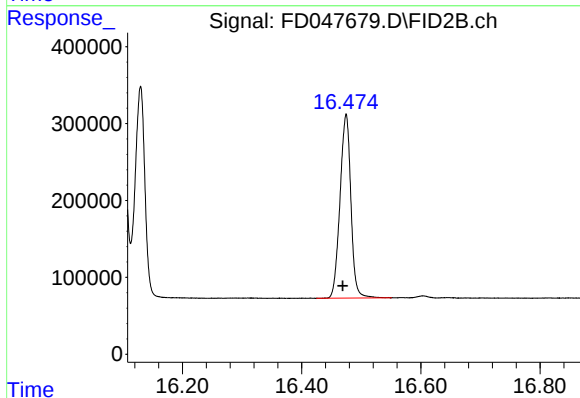
R.T.: 16.098 min
Delta R.T.: 0.007 min
Response: 3118094
Conc: 20.88 ug/ml



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

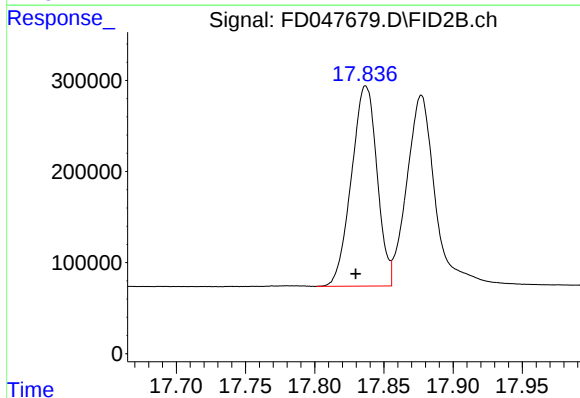
R.T.: 16.129 min
Delta R.T.: 0.008 min
Response: 3150303
Conc: 20.93 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



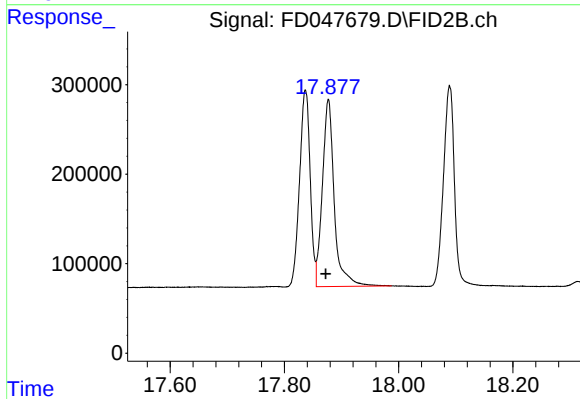
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: 0.005 min
Response: 3029535
Conc: 21.00 ug/ml



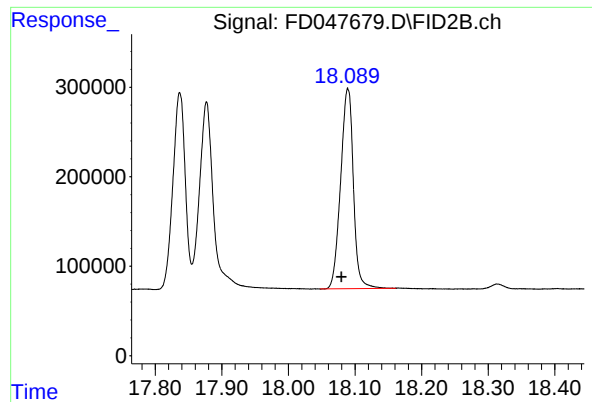
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: 0.007 min
Response: 2833323
Conc: 20.88 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.005 min
Response: 3027690
Conc: 21.15 ug/ml



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

R.T.: 18.089 min
Delta R.T.: 0.009 min
Response: 2973033
Conc: 21.65 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD