

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
 Data File : FD047668.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2024 07:42
 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 08:23:41 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...	7.459	3234159	20.622 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
6) S 2-Fluorobiphenyl (SURR)	8.313	2179205	20.833 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.67%
11) S ortho-Terphenyl (SURR)	11.353	3788451	20.201 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	3374891	20.874 ug/ml
2) T Naphthalene (C11.7)	5.797	3537028	20.904 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	3556288	20.877 ug/ml
5) T Acenaphthylene (C15.06)	8.116	3280488	20.115 ug/ml
7) T Acenaphthene (C15.5)	8.410	3503312	20.841 ug/ml
8) T Flouorene (C16.55)	9.190	3416991	20.542 ug/ml
9) T Phenanthrene (C19.36)	10.581	3346290	20.439 ug/ml
10) T Anthracene (C19.43)	10.655	2831609	18.905 ug/ml
12) T Fluoranthene (C21.85)	12.387	3396683	20.470 ug/ml
13) T Pyrene (C20.8)	12.681	3299582	20.279 ug/ml
14) T Benzo[a]anthracene (C...	14.550	2977844	20.400 ug/ml
15) T Chrysene (C27.41)	14.592	3215475	20.405 ug/ml
16) T benzo[b]fluoranthene ...	16.097	3073950	20.581 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	3098522	20.581 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.473	3001468	20.801 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	2824654	20.812 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	2986046	20.856 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	2949284	21.481 ug/ml

(f)=RT Delta > 1/2 Window

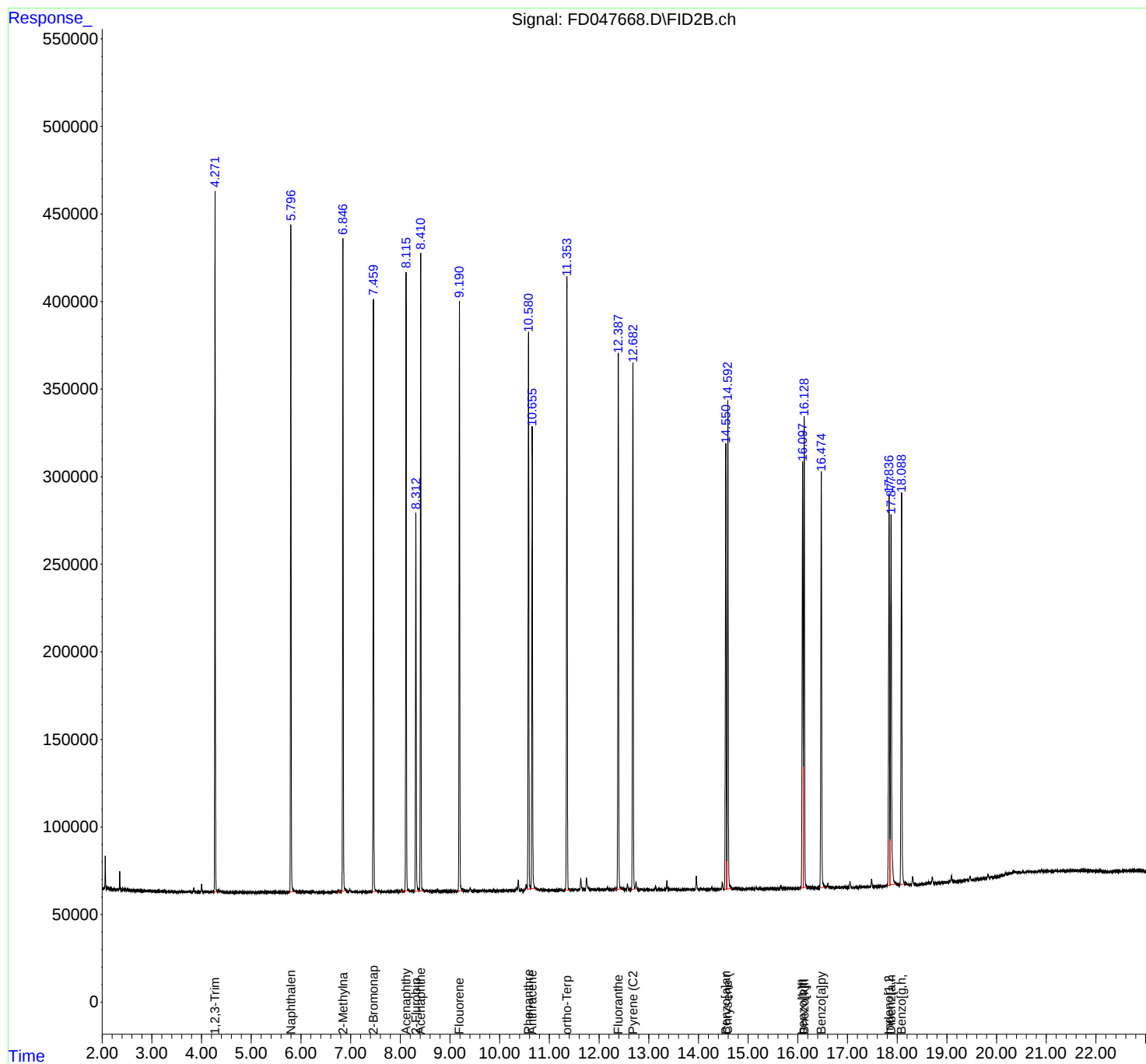
(m)=manual int.

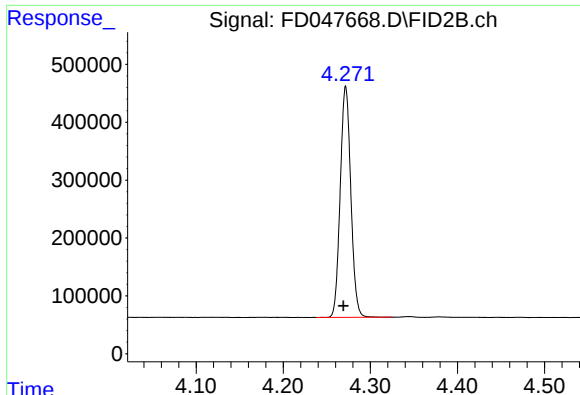
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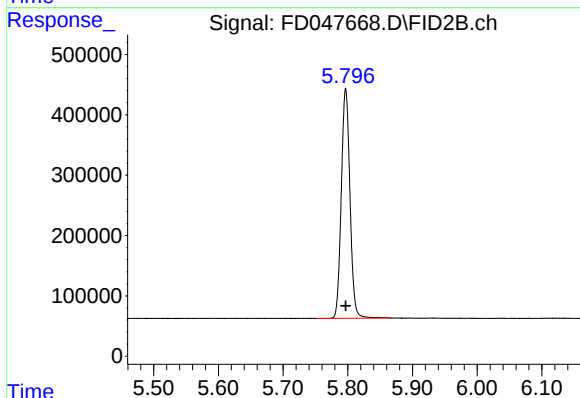




#1 1,2,3-Trimethylbenzene (C10.1)

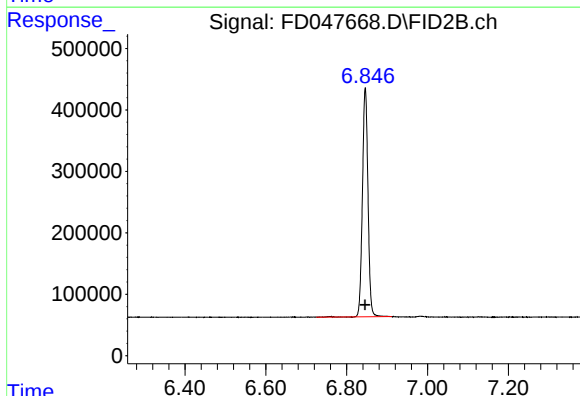
R.T.: 4.272 min
Delta R.T.: 0.003 min
Response: 3374891
Conc: 20.87 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



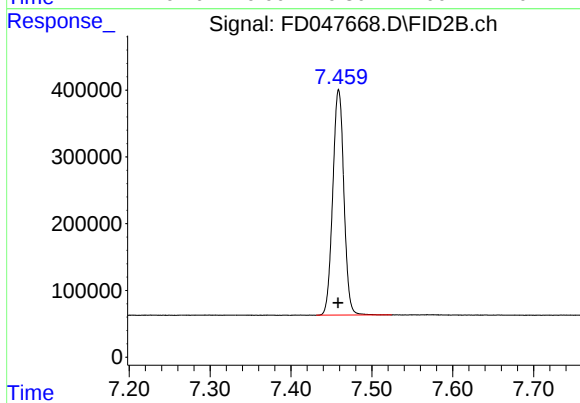
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 3537028
Conc: 20.90 ug/ml



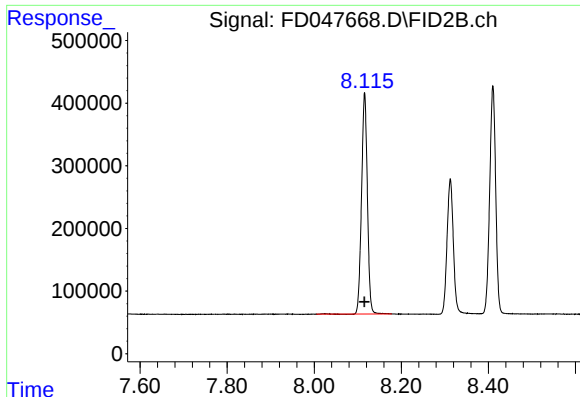
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 3556288
Conc: 20.88 ug/ml



#4 2-Bromonaphthalene (SURR)

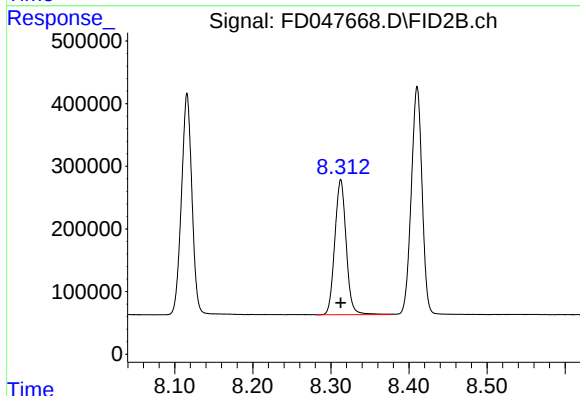
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 3234159
Conc: 20.62 ug/ml



#5 Acenaphthylene (C15.06)

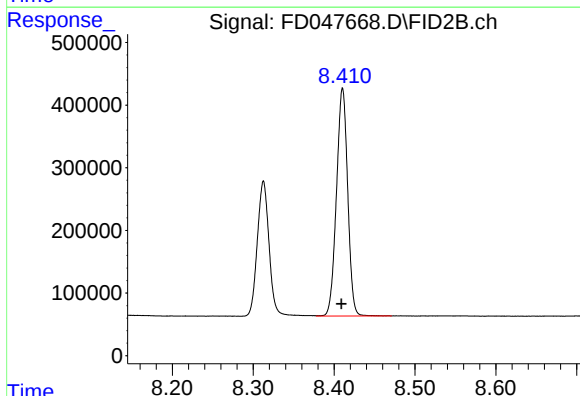
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 3280488
Conc: 20.12 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



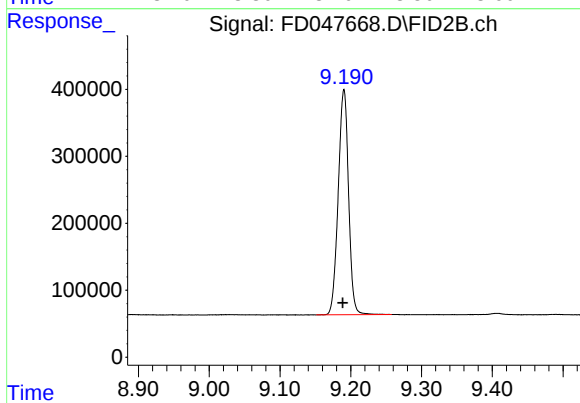
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 2179205
Conc: 20.83 ug/ml



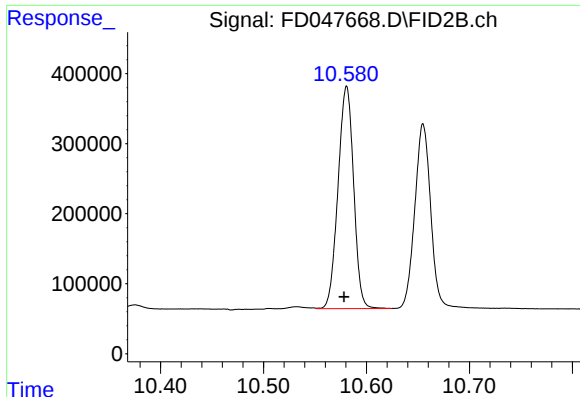
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.001 min
Response: 3503312
Conc: 20.84 ug/ml



#8 Fluorene (C16.55)

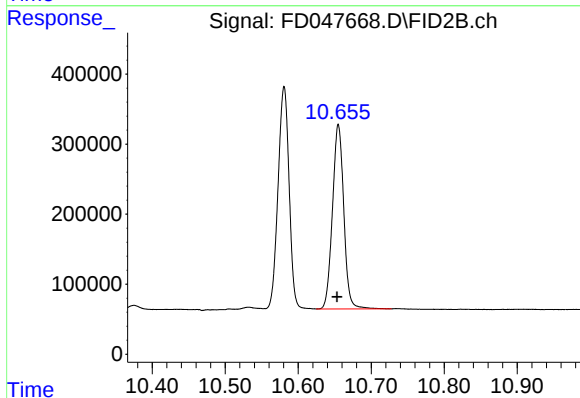
R.T.: 9.190 min
Delta R.T.: 0.001 min
Response: 3416991
Conc: 20.54 ug/ml



#9 Phenanthrene (C19.36)

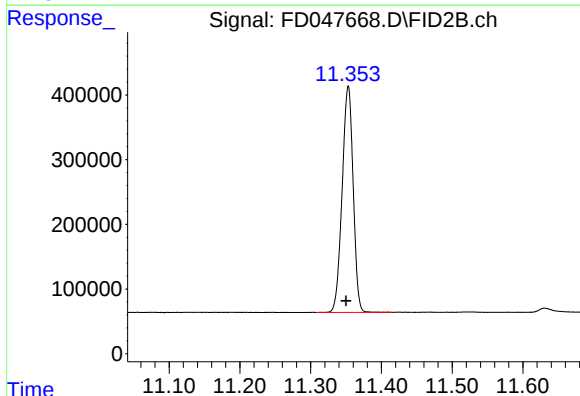
R.T.: 10.581 min
Delta R.T.: 0.002 min
Response: 3346290
Conc: 20.44 ug/ml

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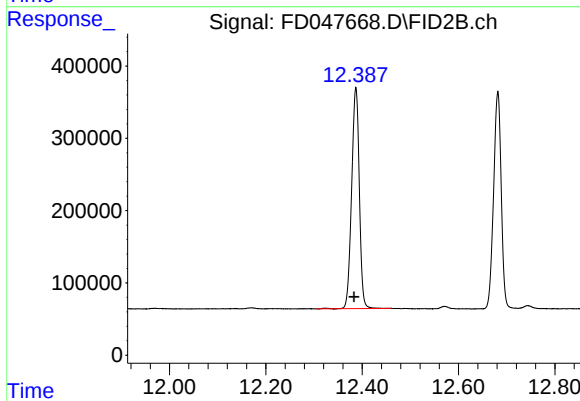
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: 0.002 min
Response: 2831609
Conc: 18.90 ug/ml



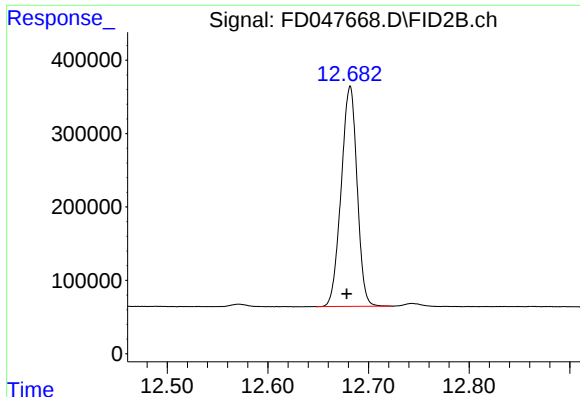
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: 0.003 min
Response: 3788451
Conc: 20.20 ug/ml



#12 Fluoranthene (C21.85)

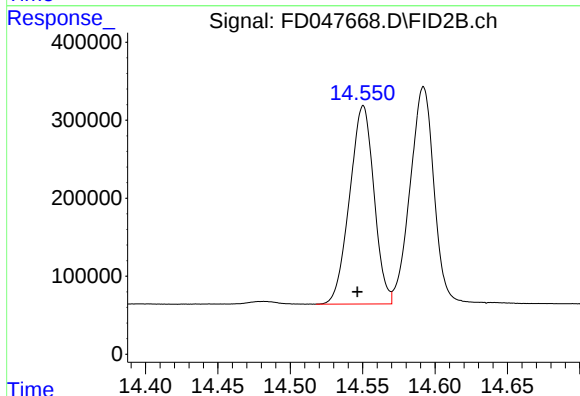
R.T.: 12.387 min
Delta R.T.: 0.003 min
Response: 3396683
Conc: 20.47 ug/ml



#13 Pyrene (C20.8)

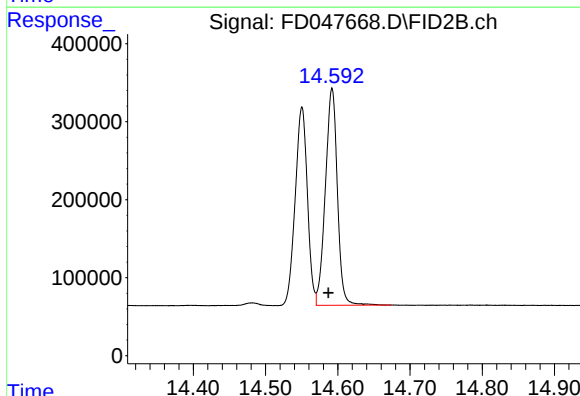
R.T.: 12.681 min
Delta R.T.: 0.003 min
Response: 3299582
Conc: 20.28 ug/ml

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20 PPM AROMATIC HC STD



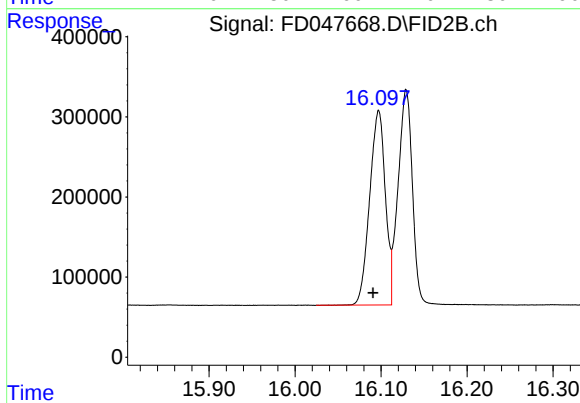
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.550 min
Delta R.T.: 0.004 min
Response: 2977844
Conc: 20.40 ug/ml



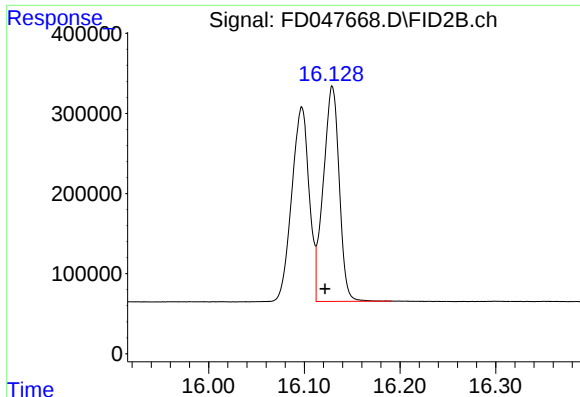
#15 Chrysene (C27.41)

R.T.: 14.592 min
Delta R.T.: 0.005 min
Response: 3215475
Conc: 20.40 ug/ml



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

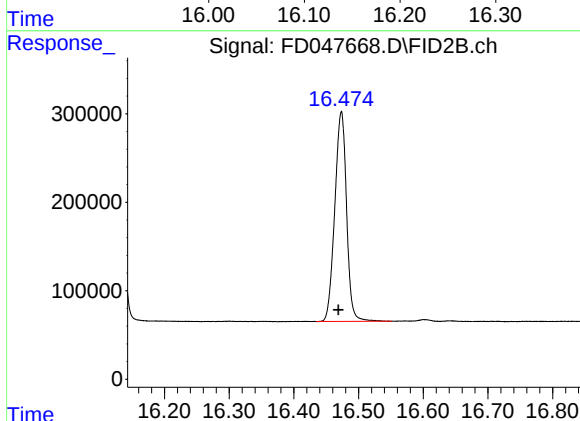
R.T.: 16.097 min
Delta R.T.: 0.006 min
Response: 3073950
Conc: 20.58 ug/ml



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

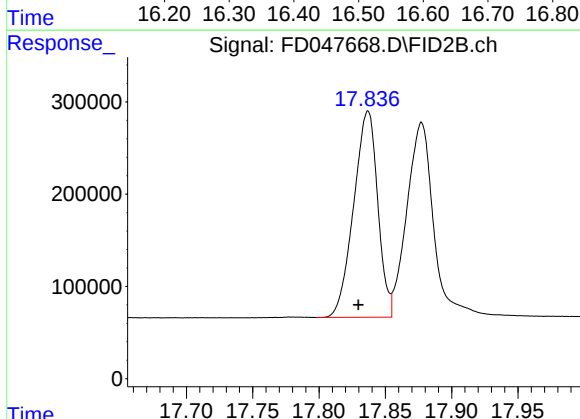
R.T.: 16.129 min
Delta R.T.: 0.008 min
Response: 3098522
Conc: 20.58 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



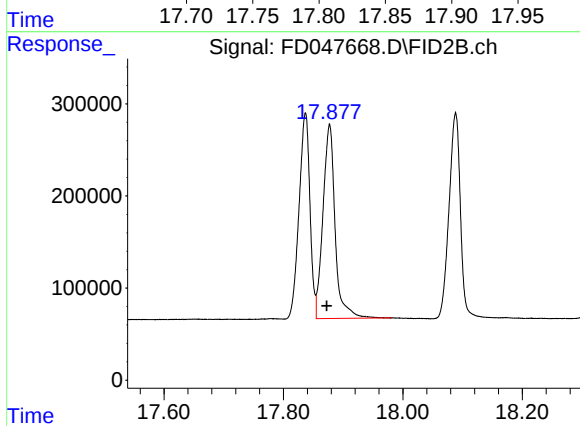
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: 0.004 min
Response: 3001468
Conc: 20.80 ug/ml



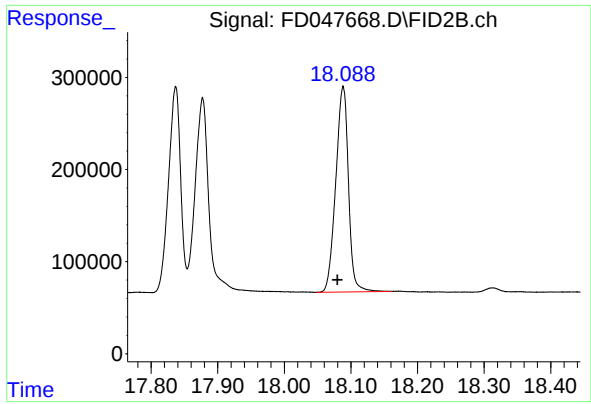
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: 0.007 min
Response: 2824654
Conc: 20.81 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.005 min
Response: 2986046
Conc: 20.86 ug/ml



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

R.T.: 18.088 min
Delta R.T.: 0.008 min
Response: 2949284
Conc: 21.48 ug/ml

Instrument :

FID_D

ClientSampleId :

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