

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061724AR\
 Data File : FD047947.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2024 16:10
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 17 16:45:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 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...	7.420	2916585	20.055 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
6) S 2-Fluorobiphenyl (SURR)	8.271	1961928	20.141 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.28%
11) S ortho-Terphenyl (SURR)	11.310	3337216	19.858 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.237	3228093	20.085 ug/ml
2) T Naphthalene (C11.7)	5.759	3412773	20.153 ug/ml
3) T 2-Methylnaphthalene (...)	6.807	3425559	19.894 ug/ml
5) T Acenaphthylene (C15.06)	8.074	3361715	20.015 ug/ml
7) T Acenaphthene (C15.5)	8.369	3384510	19.968 ug/ml
8) T Flouorene (C16.55)	9.148	3362208	20.249 ug/ml
9) T Phenanthrene (C19.36)	10.536	3256466	19.892 ug/ml
10) T Anthracene (C19.43)	10.611	3195633	19.648 ug/ml
12) T Fluoranthene (C21.85)	12.341	3284527	19.946 ug/ml
13) T Pyrene (C20.8)	12.635	3264209	20.019 ug/ml
14) T Benzo[a]anthracene (C...	14.504	3086923	20.124 ug/ml
15) T Chrysene (C27.41)	14.547	3231661	19.760 ug/ml
16) T benzo[b]fluoranthene ...	16.052	3085312	20.080 ug/ml
17) T Bnezo[k]fluoranthene ...	16.084	2963194	19.783 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.428	3050534	20.019 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.790	2661505	20.241 ug/ml
20) T Dibenz[a,h]anthracene...	17.832	3089734	19.509 ug/ml
21) T Benzo[g,h,i]perylene ...	18.042	2977262	19.805 ug/ml

(f)=RT Delta > 1/2 Window

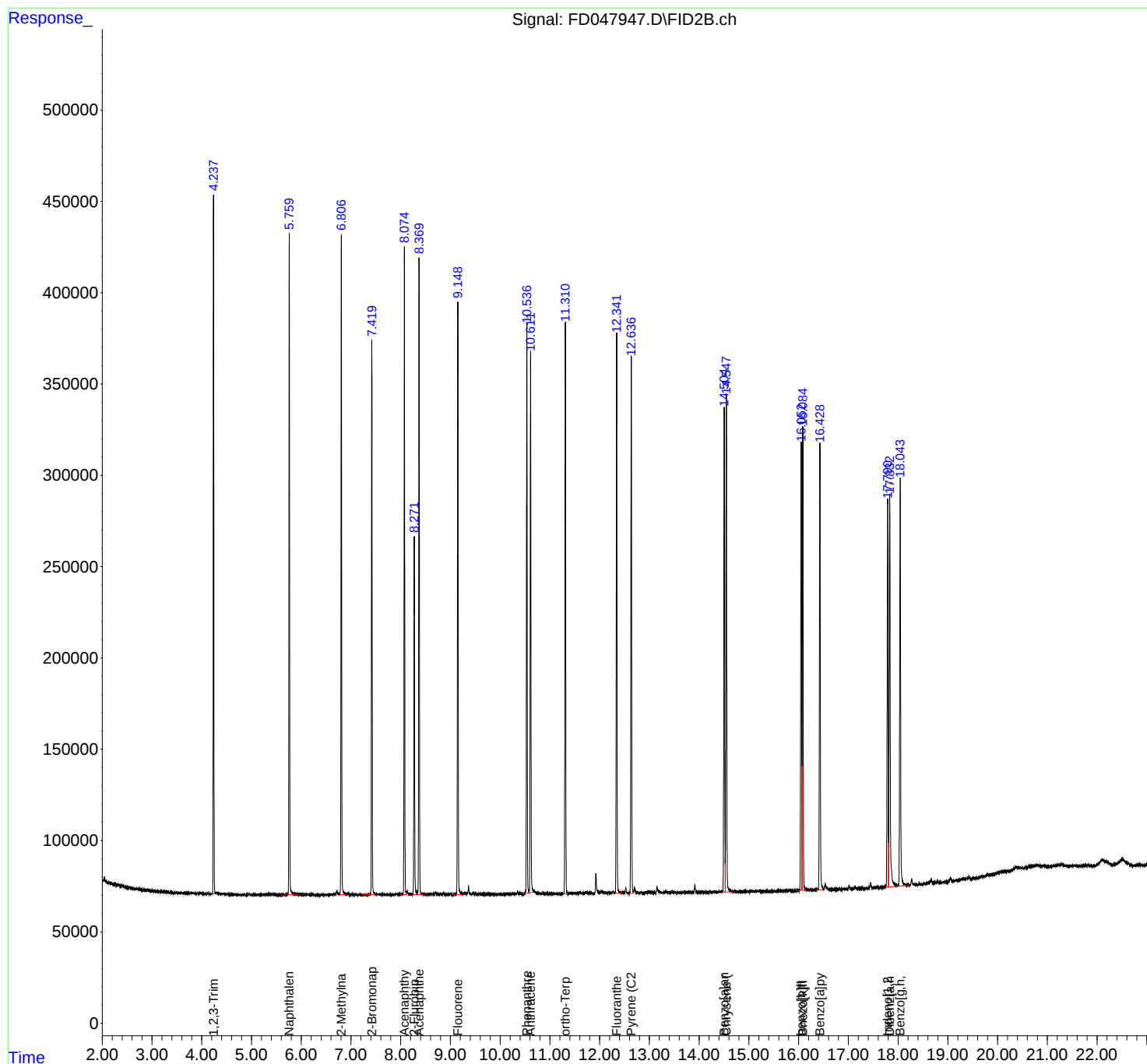
(m)=manual int.

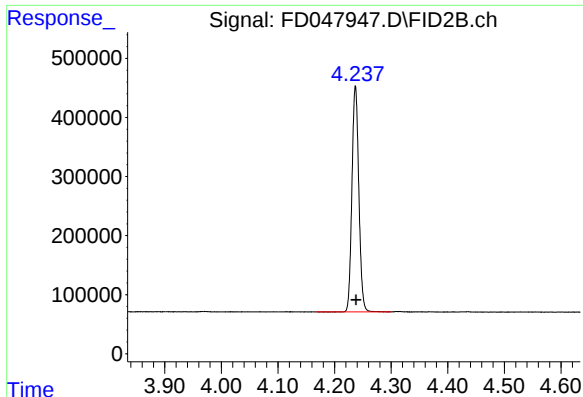
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Signal Info : 20M x 0.18mm x 0.18µm

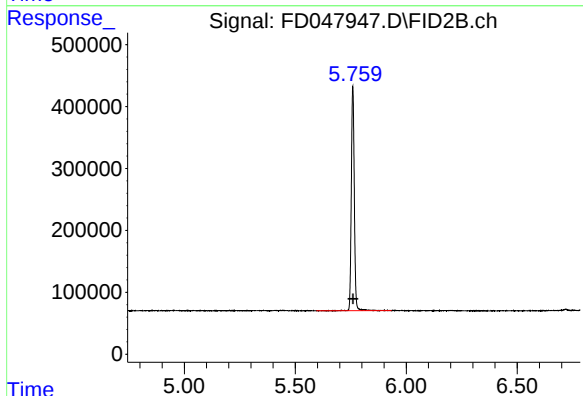




#1 1,2,3-Trimethylbenzene (C10.1)

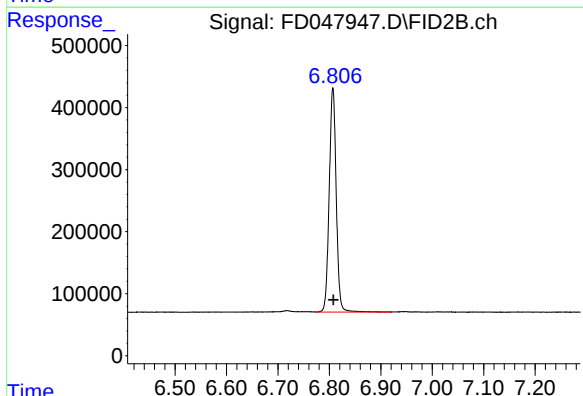
R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 3228093
Conc: 20.09 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



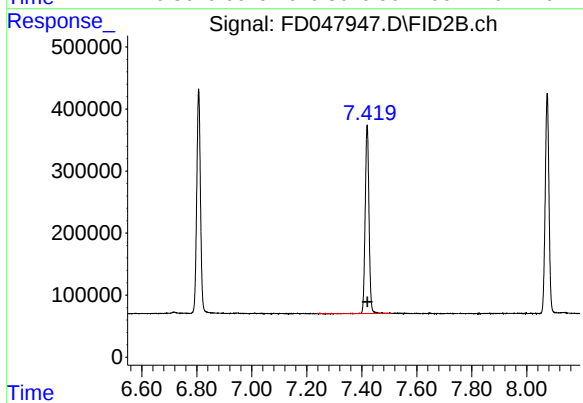
#2 Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: -0.001 min
Response: 3412773
Conc: 20.15 ug/ml



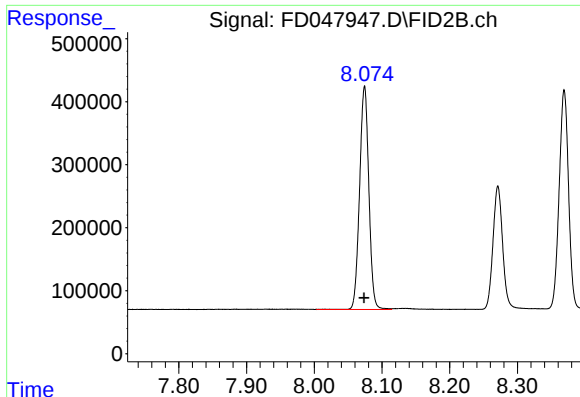
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: -0.001 min
Response: 3425559
Conc: 19.89 ug/ml



#4 2-Bromonaphthalene (SURR)

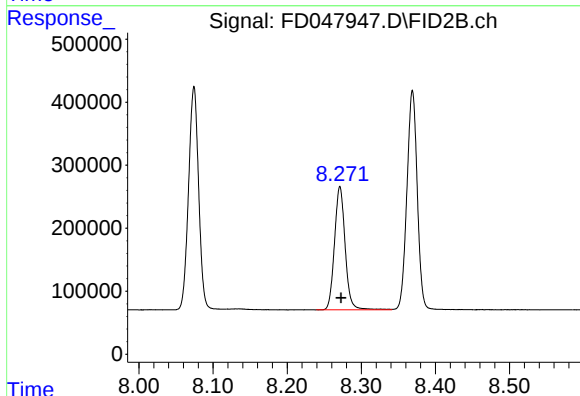
R.T.: 7.420 min
Delta R.T.: -0.001 min
Response: 2916585
Conc: 20.05 ug/ml



#5 Acenaphthylene (C15.06)

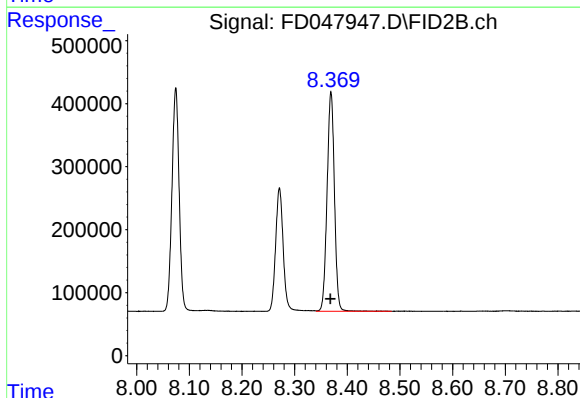
R.T.: 8.074 min
Delta R.T.: 0.000 min
Response: 3361715
Conc: 20.01 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



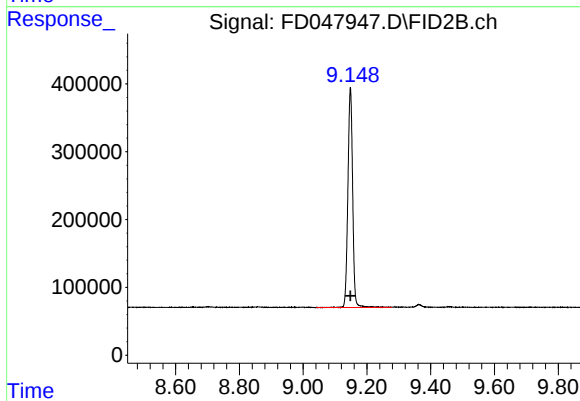
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.271 min
Delta R.T.: -0.002 min
Response: 1961928
Conc: 20.14 ug/ml



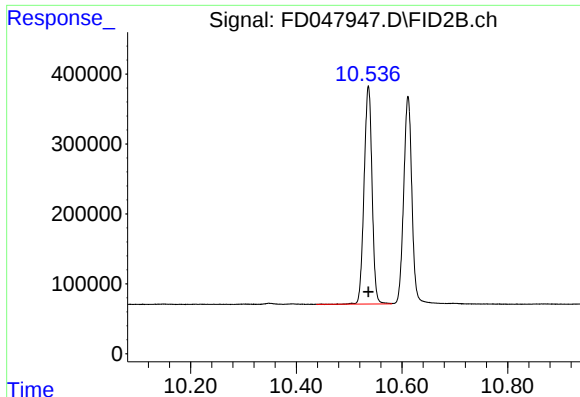
#7 Acenaphthene (C15.5)

R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 3384510
Conc: 19.97 ug/ml



#8 Fluorene (C16.55)

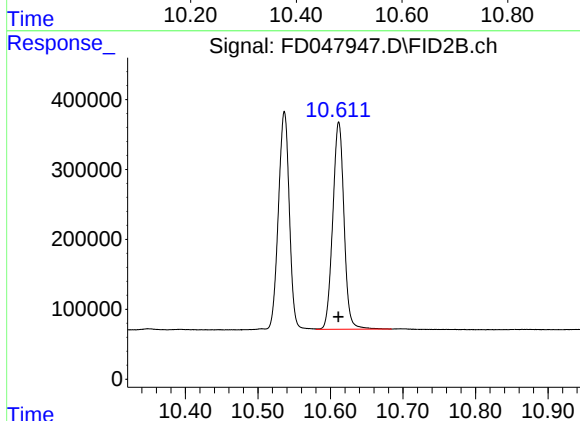
R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 3362208
Conc: 20.25 ug/ml



#9 Phenanthrene (C19.36)

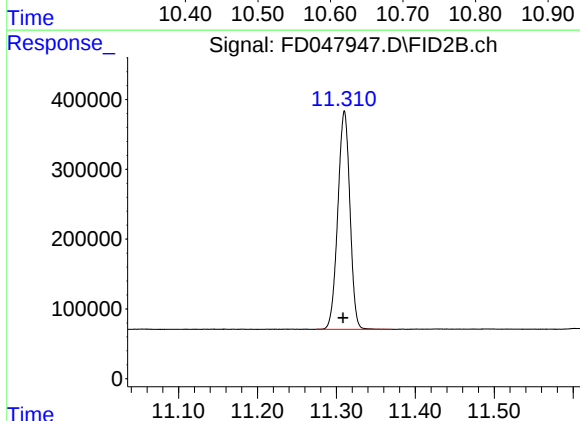
R.T.: 10.536 min
Delta R.T.: 0.000 min
Response: 3256466
Conc: 19.89 ug/ml

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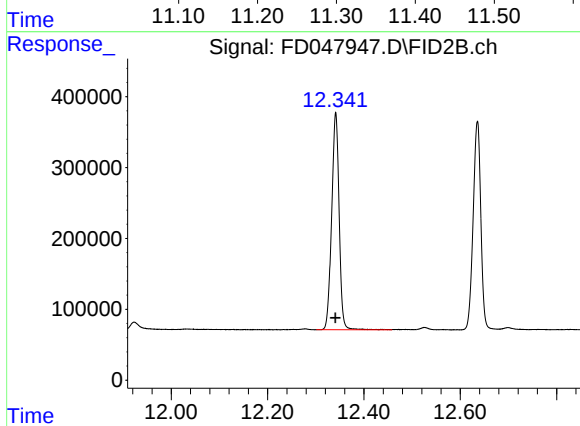
#10 Anthracene (C19.43)

R.T.: 10.611 min
Delta R.T.: 0.000 min
Response: 3195633
Conc: 19.65 ug/ml



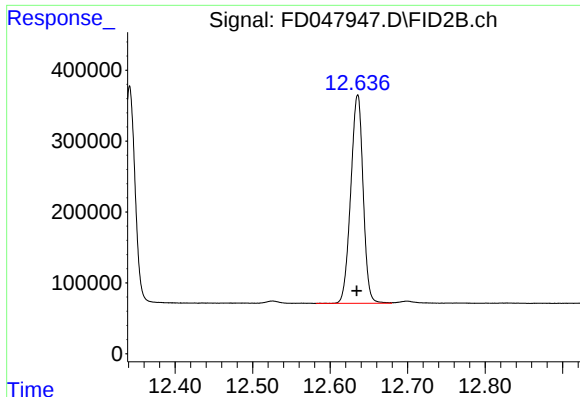
#11 ortho-Terphenyl (SURR)

R.T.: 11.310 min
Delta R.T.: 0.002 min
Response: 3337216
Conc: 19.86 ug/ml



#12 Fluoranthene (C21.85)

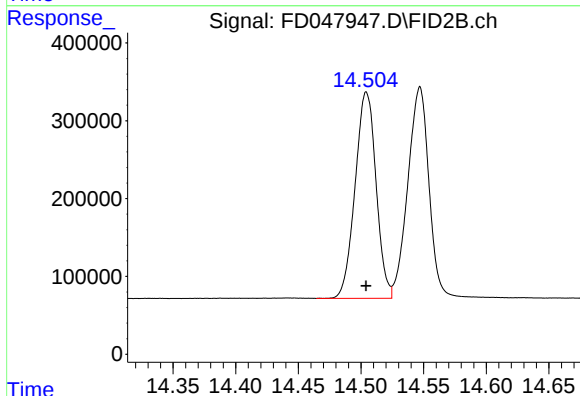
R.T.: 12.341 min
Delta R.T.: 0.000 min
Response: 3284527
Conc: 19.95 ug/ml



#13 Pyrene (C20.8)

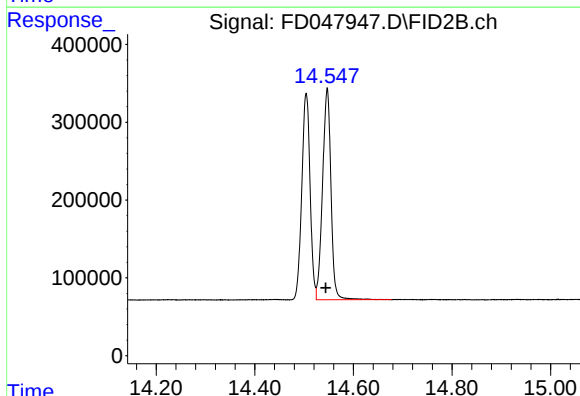
R.T.: 12.635 min
Delta R.T.: 0.000 min
Response: 3264209
Conc: 20.02 ug/ml

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20 PPM AROMATIC HC STD



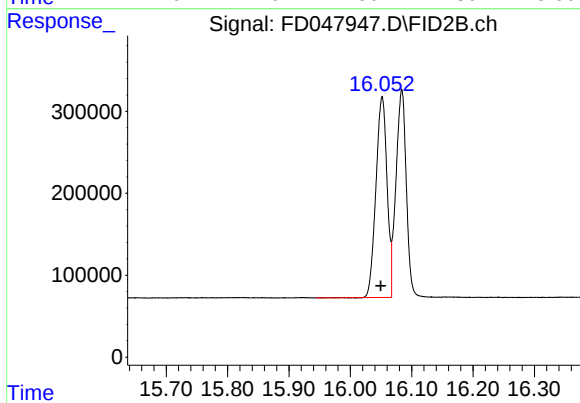
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.504 min
Delta R.T.: 0.000 min
Response: 3086923
Conc: 20.12 ug/ml



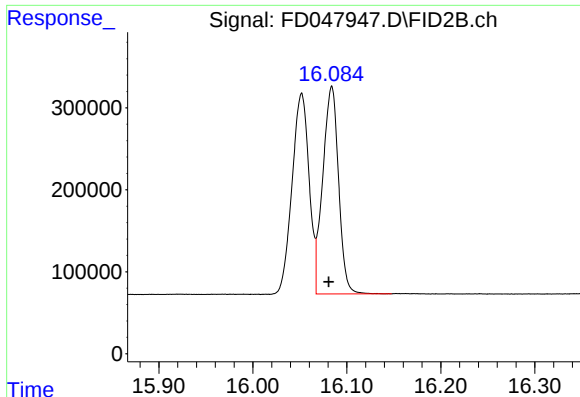
#15 Chrysene (C27.41)

R.T.: 14.547 min
Delta R.T.: 0.003 min
Response: 3231661
Conc: 19.76 ug/ml



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

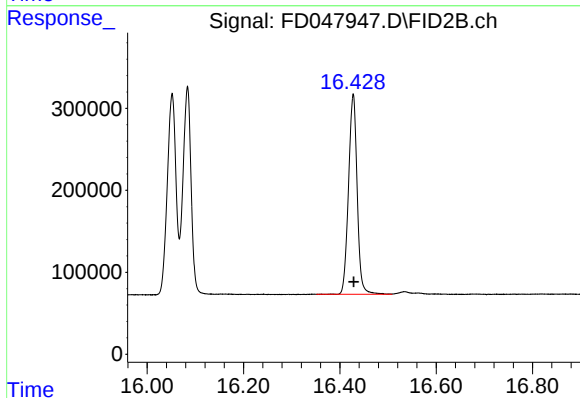
R.T.: 16.052 min
Delta R.T.: 0.002 min
Response: 3085312
Conc: 20.08 ug/ml



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

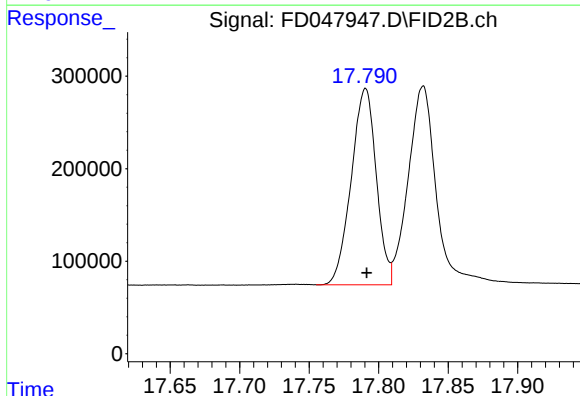
R.T.: 16.084 min
Delta R.T.: 0.003 min
Response: 2963194
Conc: 19.78 ug/ml

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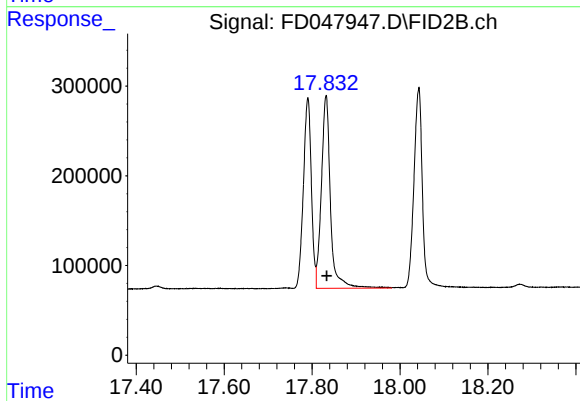
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.428 min
Delta R.T.: -0.002 min
Response: 3050534
Conc: 20.02 ug/ml



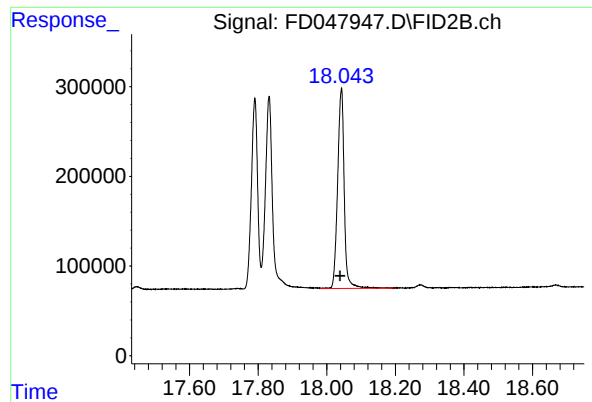
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.790 min
Delta R.T.: -0.001 min
Response: 2661505
Conc: 20.24 ug/ml



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

R.T.: 17.832 min
Delta R.T.: -0.002 min
Response: 3089734
Conc: 19.51 ug/ml



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

R.T.: 18.042 min
Delta R.T.: 0.003 min
Response: 2977262
Conc: 19.80 ug/ml

Instrument :

FID_D

ClientSampleId :

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