

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080924AR\
 Data File : FD048203.D
 Signal(s) : FID2B.ch
 Acq On : 09 Aug 2024 23:53
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :Ankita Jodhani 08/12/2024

Integration File: autoint1.e
 Quant Time: Aug 10 05:05:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.397	2863695	19.268 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
6) S 2-Fluorobiphenyl (SURR)	8.248	1877767	19.841 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.68%
11) S ortho-Terphenyl (SURR)	11.285	3265519	19.517 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.219	3268894	19.521 ug/ml
2) T Naphthalene (C11.7)	5.738	3392536	19.631 ug/ml
3) T 2-Methylnaphthalene (...)	6.785	3374463	19.452 ug/ml
5) T Acenaphthylene (C15.06)	8.051	3287849	19.186 ug/ml
7) T Acenaphthene (C15.5)	8.345	3351782	19.321 ug/ml
8) T Flouorene (C16.55)	9.123	3202575	19.718 ug/ml
9) T Phenanthrene (C19.36)	10.511	3114957	19.614 ug/ml
10) T Anthracene (C19.43)	10.586	2949019	18.677 ug/ml
12) T Fluoranthene (C21.85)	12.316	3104653	19.609 ug/ml
13) T Pyrene (C20.8)	12.609	3066426	19.392 ug/ml
14) T Benzo[a]anthracene (C...	14.477	2810458	20.585 ug/mlm
15) T Chrysene (C27.41)	14.518	3046705	18.900 ug/ml
16) T benzo[b]fluoranthene ...	16.023	2965813	20.605 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.055	2883792	19.308 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.399	2893609	20.430 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.761	2500356	22.169 ug/mlm
20) T Dibenz[a,h]anthracene...	17.801	3041434	20.927 ug/ml
21) T Benzo[g,h,i]perylene ...	18.013	2933217	19.904 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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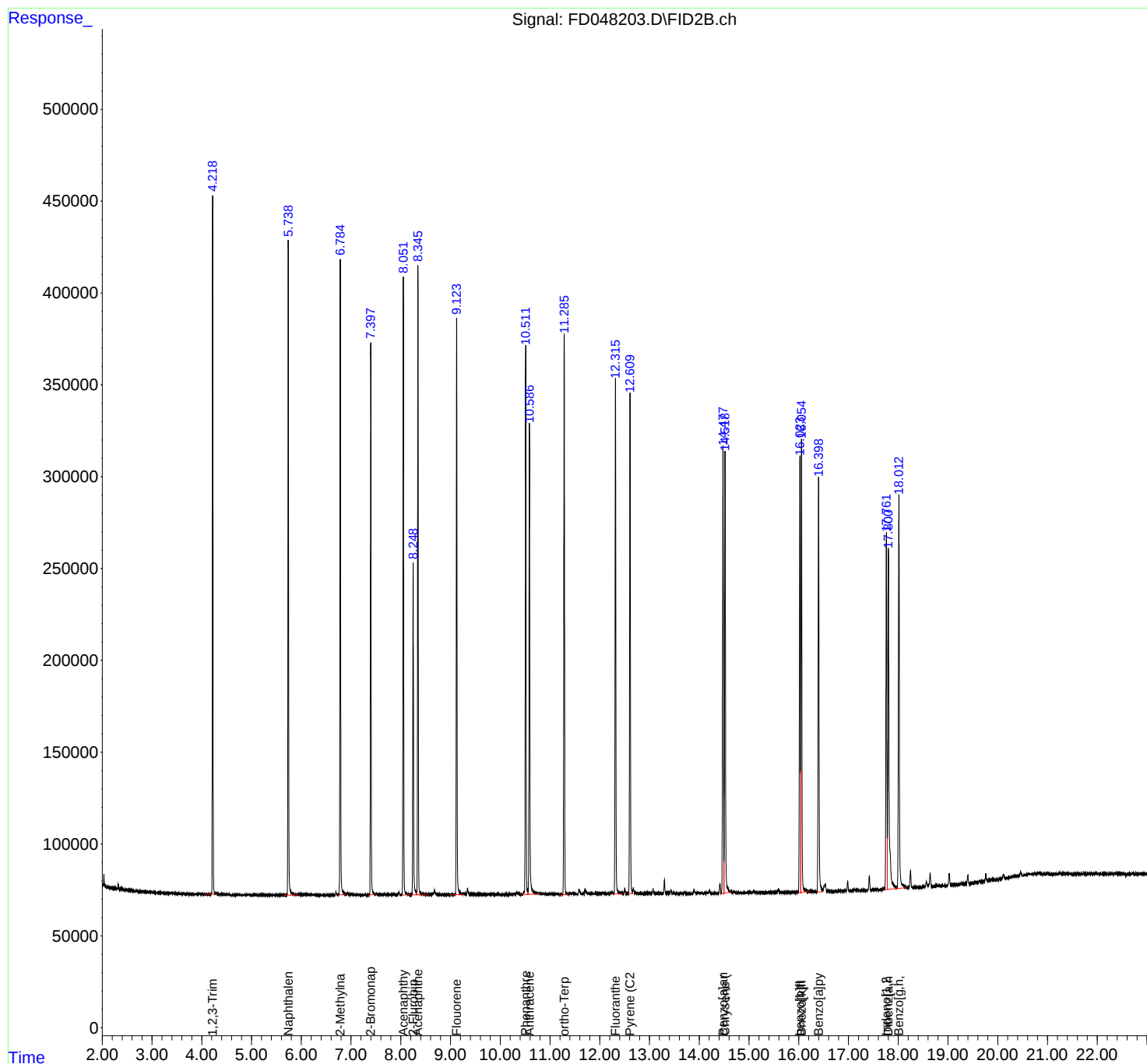
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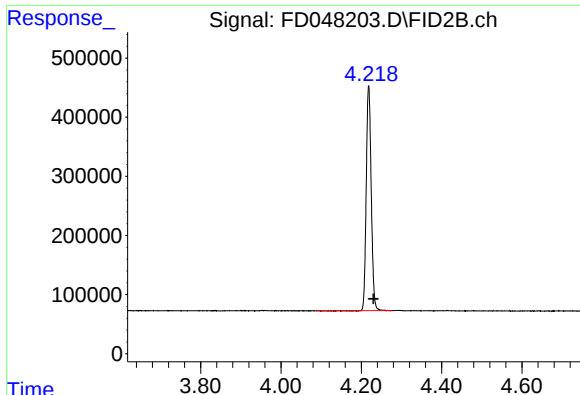
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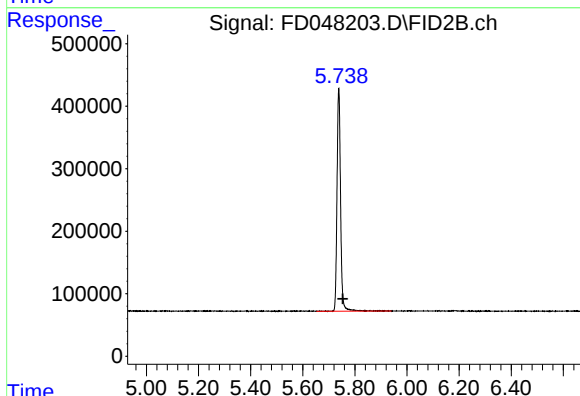
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.219 min
Delta R.T.: -0.011 min
Response: 3268894
Conc: 19.52 ug/ml

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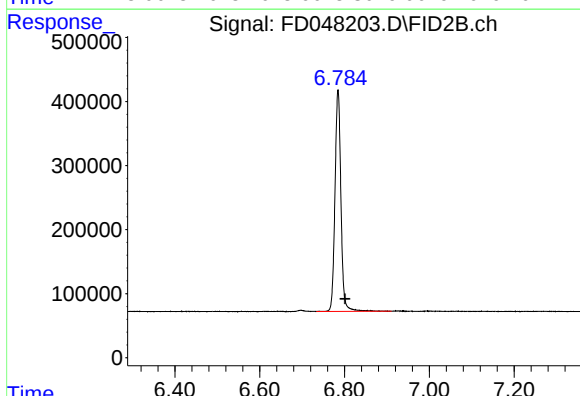
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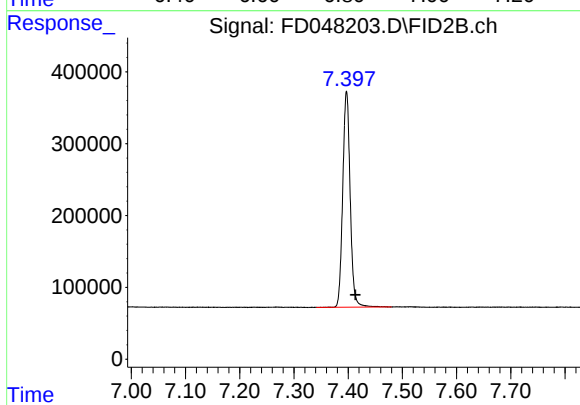
#2 Naphthalene (C11.7)

R.T.: 5.738 min
Delta R.T.: -0.015 min
Response: 3392536
Conc: 19.63 ug/ml



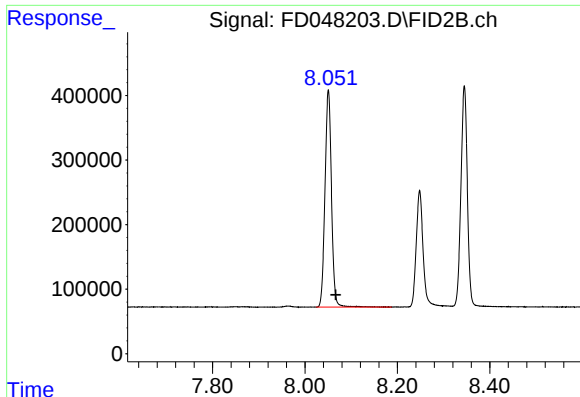
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.785 min
Delta R.T.: -0.016 min
Response: 3374463
Conc: 19.45 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.397 min
Delta R.T.: -0.016 min
Response: 2863695
Conc: 19.27 ug/ml



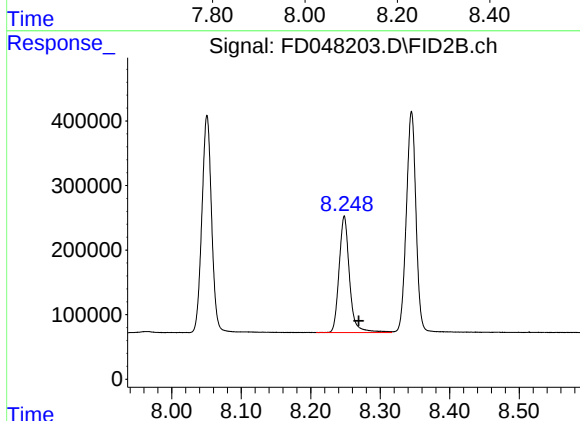
#5 Acenaphthylene (C15.06)

R.T.: 8.051 min
Delta R.T.: -0.016 min
Response: 3287849
Conc: 19.19 ug/ml

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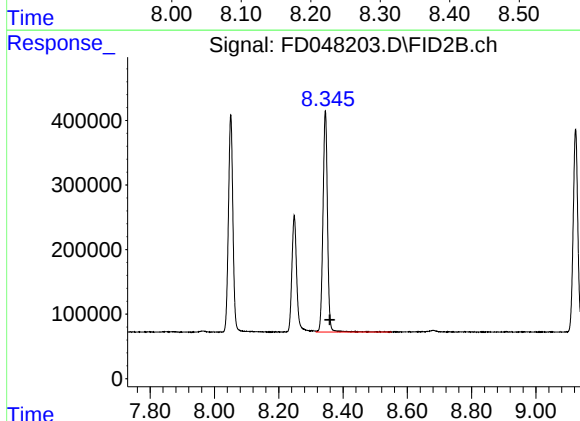
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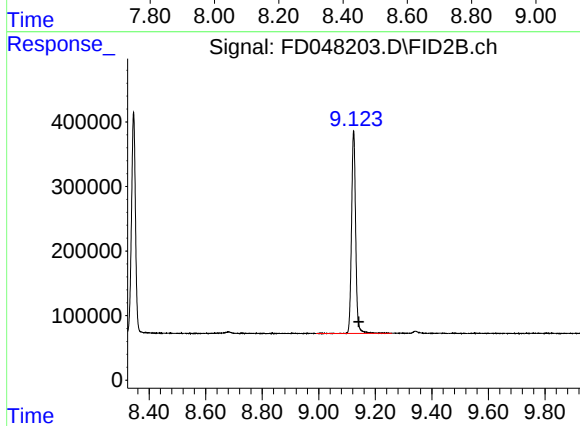
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.248 min
Delta R.T.: -0.021 min
Response: 1877767
Conc: 19.84 ug/ml



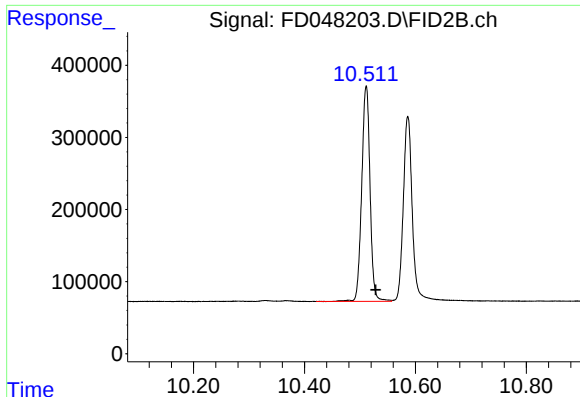
#7 Acenaphthene (C15.5)

R.T.: 8.345 min
Delta R.T.: -0.014 min
Response: 3351782
Conc: 19.32 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.123 min
Delta R.T.: -0.019 min
Response: 3202575
Conc: 19.72 ug/ml



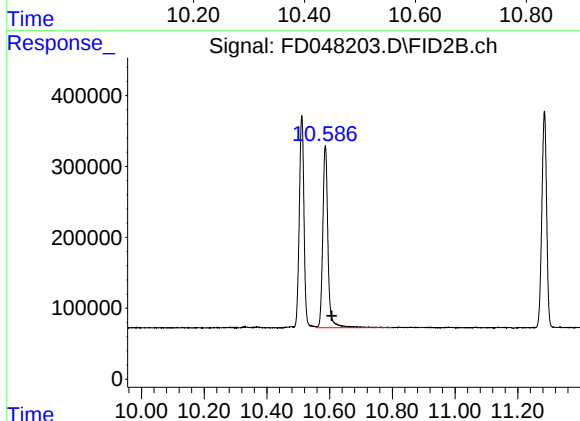
#9 Phenanthrene (C19.36)

R.T.: 10.511 min
Delta R.T.: -0.018 min
Response: 3114957
Conc: 19.61 ug/ml

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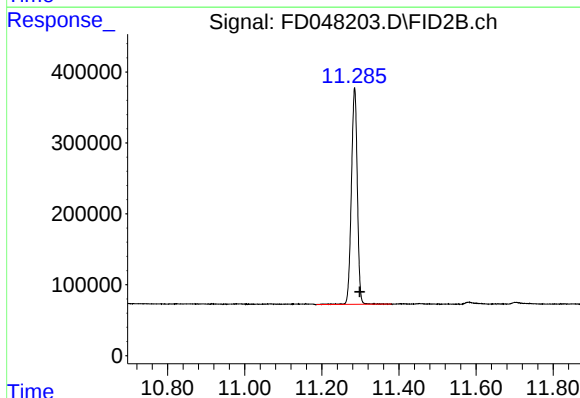
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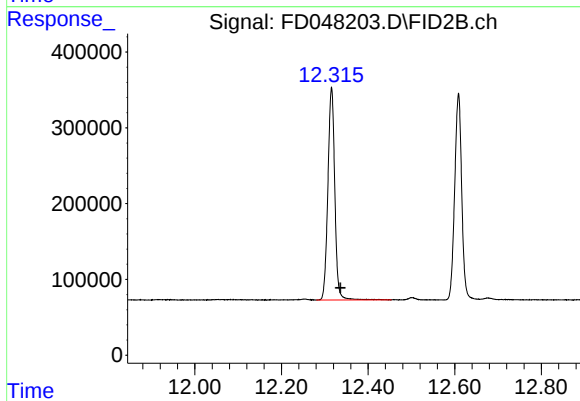
#10 Anthracene (C19.43)

R.T.: 10.586 min
Delta R.T.: -0.021 min
Response: 2949019
Conc: 18.68 ug/ml



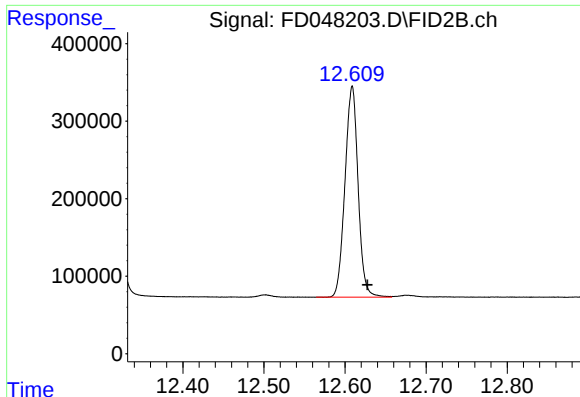
#11 ortho-Terphenyl (SURR)

R.T.: 11.285 min
Delta R.T.: -0.014 min
Response: 3265519
Conc: 19.52 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.316 min
Delta R.T.: -0.020 min
Response: 3104653
Conc: 19.61 ug/ml



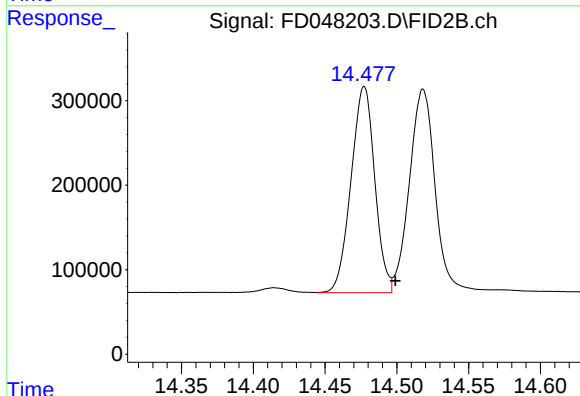
#13 Pyrene (C20.8)

R.T.: 12.609 min
Delta R.T.: -0.019 min
Response: 3066426
Conc: 19.39 ug/ml

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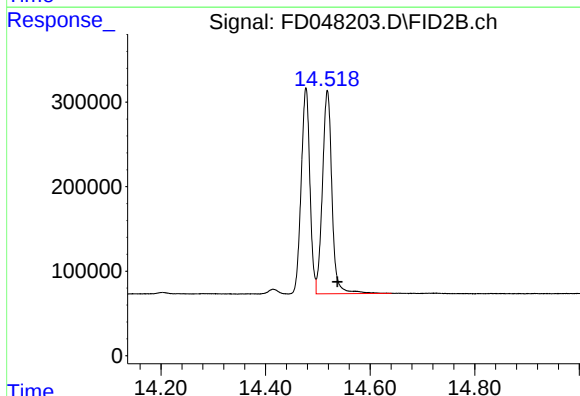
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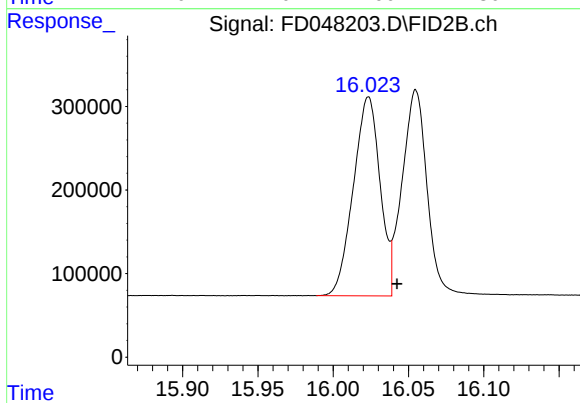
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.477 min
Delta R.T.: -0.022 min
Response: 2810458
Conc: 20.59 ug/ml m



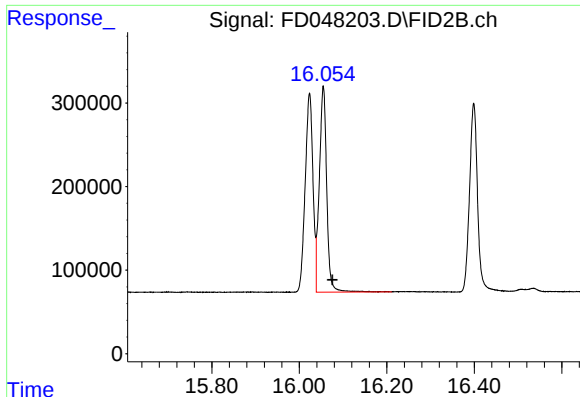
#15 Chrysene (C27.41)

R.T.: 14.518 min
Delta R.T.: -0.019 min
Response: 3046705
Conc: 18.90 ug/ml



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

R.T.: 16.023 min
Delta R.T.: -0.019 min
Response: 2965813
Conc: 20.61 ug/ml m



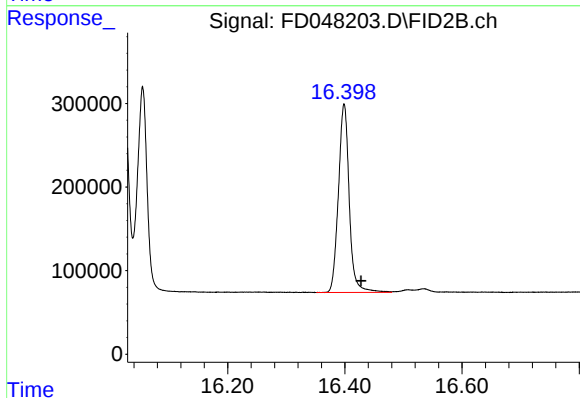
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.055 min
Delta R.T.: -0.021 min
Response: 2883792
Conc: 19.31 ug/ml

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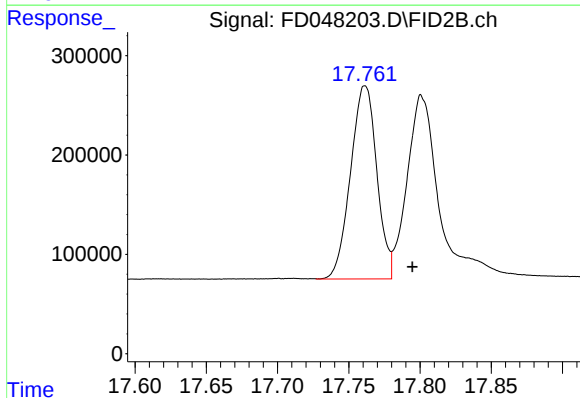
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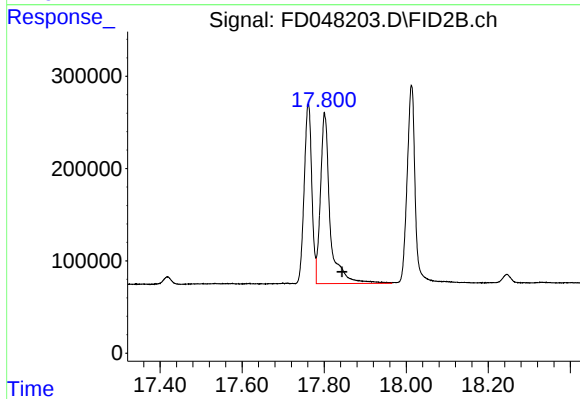
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.399 min
Delta R.T.: -0.029 min
Response: 2893609
Conc: 20.43 ug/ml



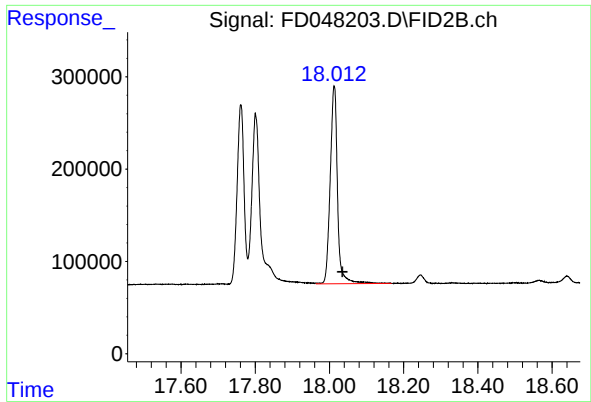
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.761 min
Delta R.T.: -0.033 min
Response: 2500356
Conc: 22.17 ug/ml m



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

R.T.: 17.801 min
Delta R.T.: -0.042 min
Response: 3041434
Conc: 20.93 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.022 min
Response: 2933217
Conc: 19.90 ug/ml

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