

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021424AR\
 Data File : FD047253.D
 Signal(s) : FID2B.ch
 Acq On : 14 Feb 2024 20:22
 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: Feb 14 22:30:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.466	3085039	20.264 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
6) S 2-Fluorobiphenyl (SURR)	8.318	2045931	20.241 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.48%
11) S ortho-Terphenyl (SURR)	11.355	3485885	19.765 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	3250388	20.618 ug/ml
2) T Naphthalene (C11.7)	5.805	3391616	20.407 ug/ml
3) T 2-Methylnaphthalene (...)	6.853	3415808	20.255 ug/ml
5) T Acenaphthylene (C15.06)	8.122	3083833	20.036 ug/ml
7) T Acenaphthene (C15.5)	8.416	3296550	20.000 ug/ml
8) T Flouorene (C16.55)	9.195	3182334	20.072 ug/ml
9) T Phenanthrene (C19.36)	10.583	3053031	19.652 ug/ml
10) T Anthracene (C19.43)	10.657	2555761	17.331 ug/ml
12) T Fluoranthene (C21.85)	12.385	3050614	19.703 ug/ml
13) T Pyrene (C20.8)	12.679	2917764	19.396 ug/ml
14) T Benzo[a]anthracene (C...	14.544	2556339	19.017 ug/ml
15) T Chrysene (C27.41)	14.585	2787608	19.037 ug/ml
16) T benzo[b]fluoranthene ...	16.085	2584010	18.768 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	2698522	19.448 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.460	2504906	18.503 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	2355576	18.659 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	2600738	19.519 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	2459223	18.547 ug/ml

(f)=RT Delta > 1/2 Window

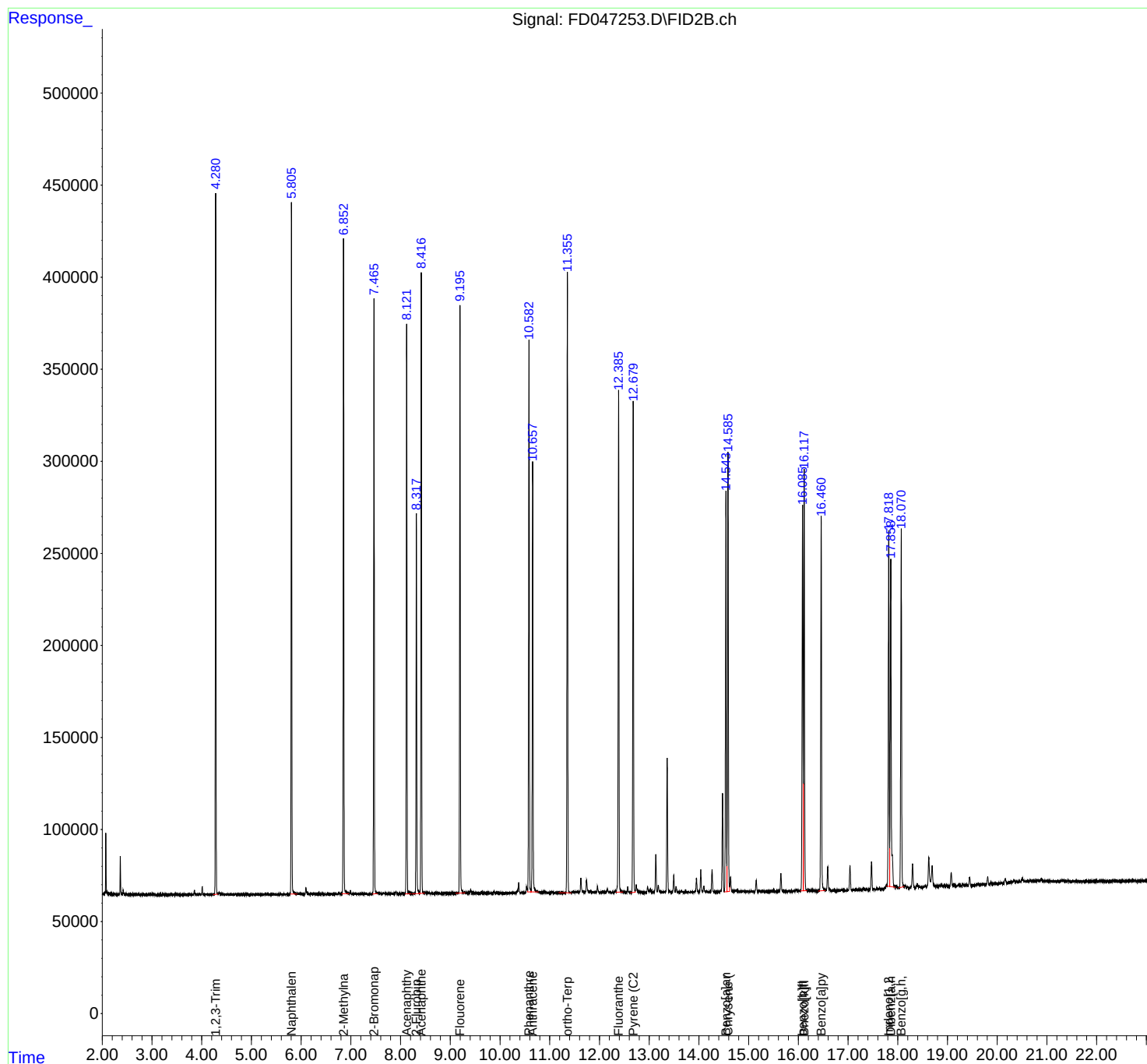
(m)=manual int.

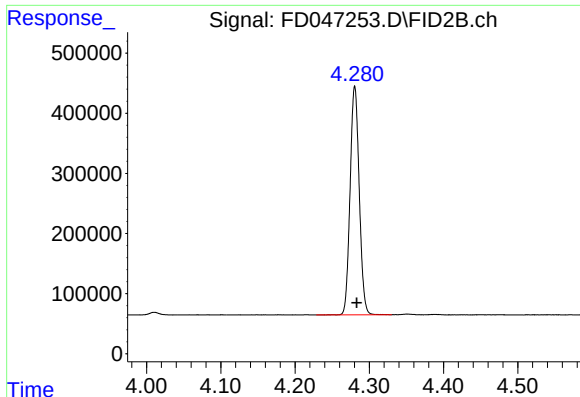
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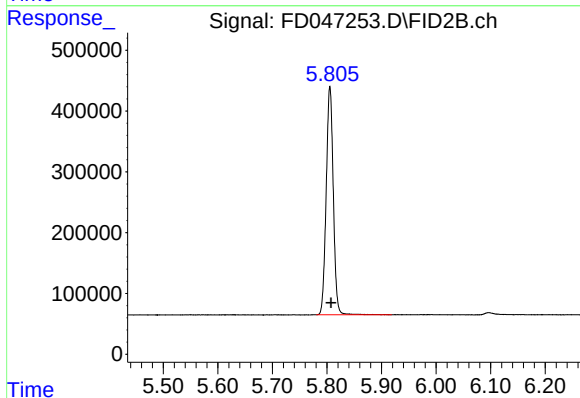




#1 1,2,3-Trimethylbenzene (C10.1)

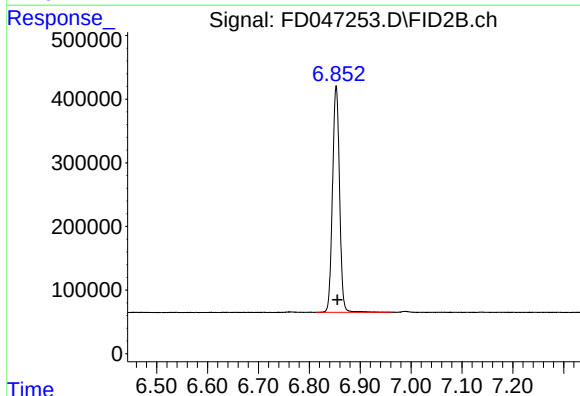
R.T.: 4.281 min
Delta R.T.: -0.002 min
Response: 3250388
Conc: 20.62 ug/ml

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20 PPM AROMATIC HC STD



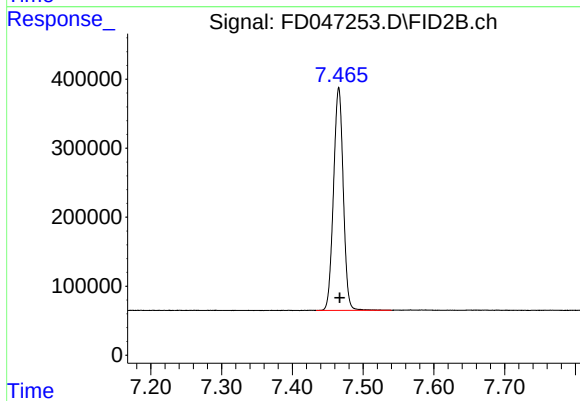
#2 Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 3391616
Conc: 20.41 ug/ml



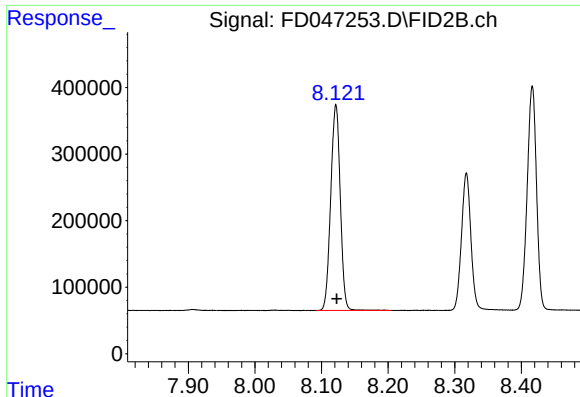
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.853 min
Delta R.T.: -0.002 min
Response: 3415808
Conc: 20.25 ug/ml



#4 2-Bromonaphthalene (SURR)

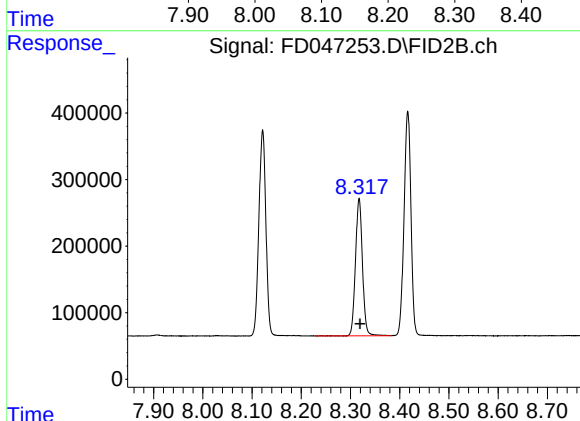
R.T.: 7.466 min
Delta R.T.: -0.002 min
Response: 3085039
Conc: 20.26 ug/ml



#5 Acenaphthylene (C15.06)

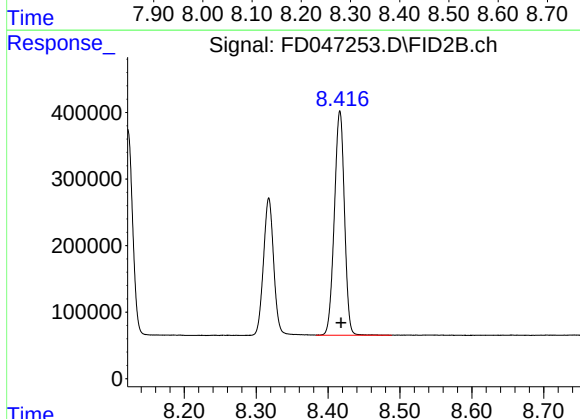
R.T.: 8.122 min
Delta R.T.: -0.001 min
Response: 308383
Conc: 20.04 ug/ml

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20 PPM AROMATIC HC STD



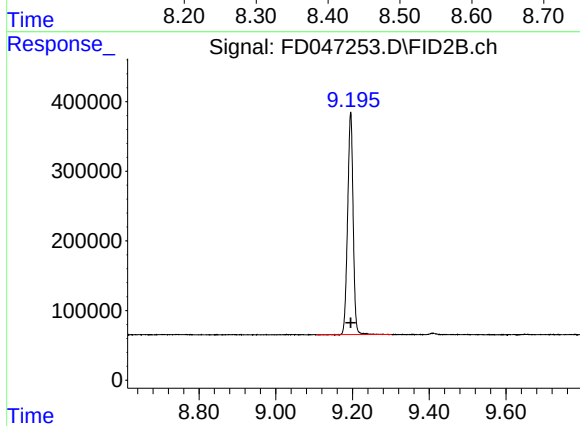
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.318 min
Delta R.T.: -0.002 min
Response: 2045931
Conc: 20.24 ug/ml



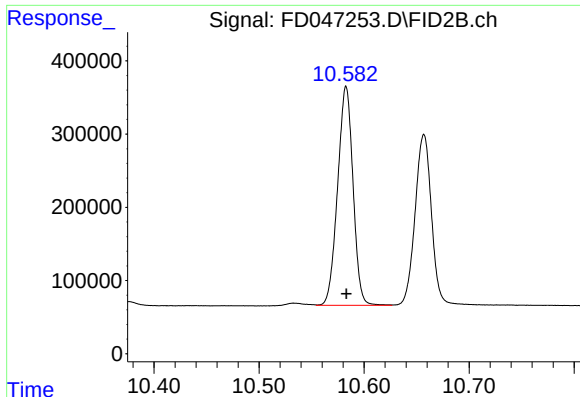
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: -0.001 min
Response: 3296550
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

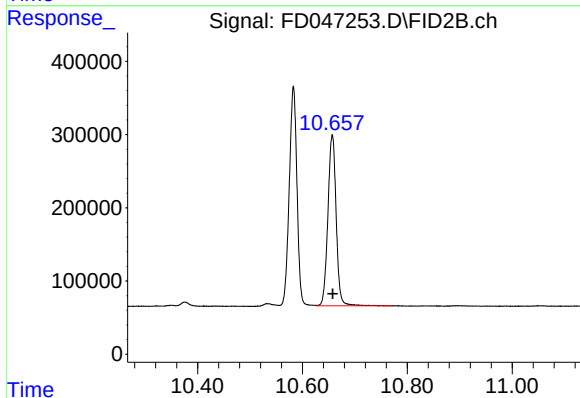
R.T.: 9.195 min
Delta R.T.: 0.000 min
Response: 3182334
Conc: 20.07 ug/ml



#9 Phenanthrene (C19.36)

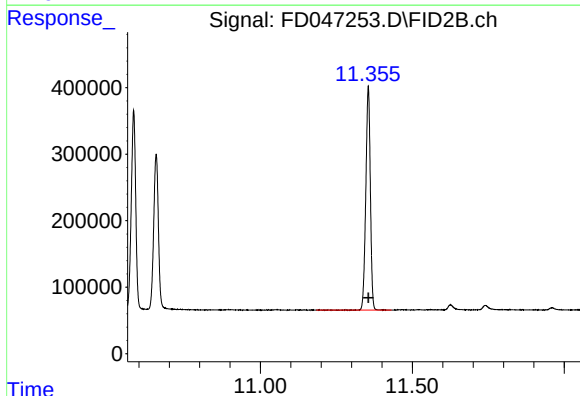
R.T.: 10.583 min
Delta R.T.: 0.000 min
Response: 3053031
Conc: 19.65 ug/ml

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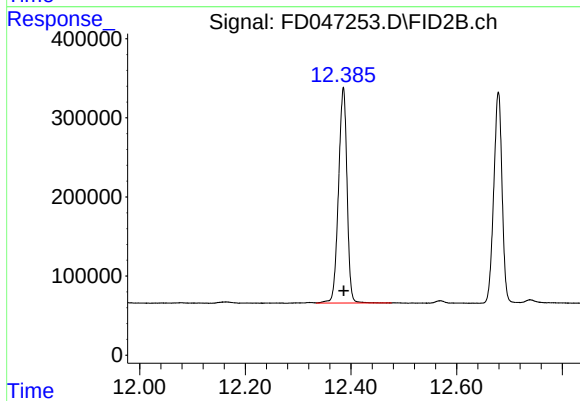
#10 Anthracene (C19.43)

R.T.: 10.657 min
Delta R.T.: 0.000 min
Response: 2555761
Conc: 17.33 ug/ml



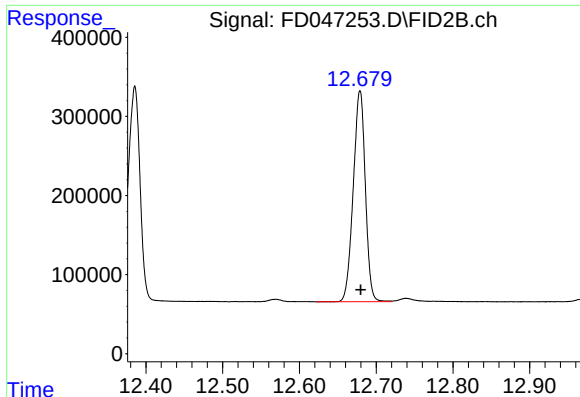
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 3485885
Conc: 19.76 ug/ml



#12 Fluoranthene (C21.85)

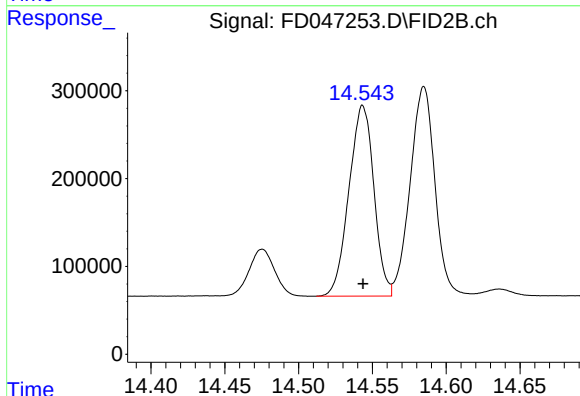
R.T.: 12.385 min
Delta R.T.: 0.000 min
Response: 3050614
Conc: 19.70 ug/ml



#13 Pyrene (C20.8)

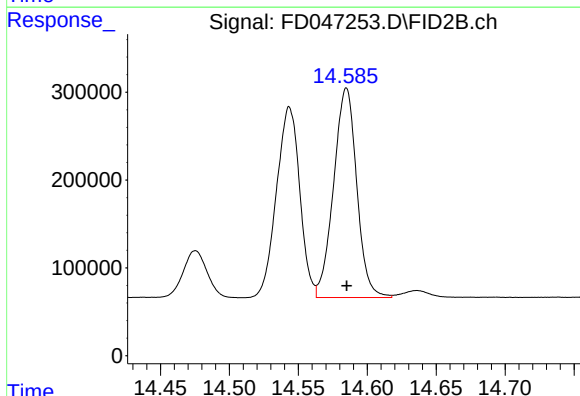
R.T.: 12.679 min
Delta R.T.: -0.001 min
Response: 2917764
Conc: 19.40 ug/ml

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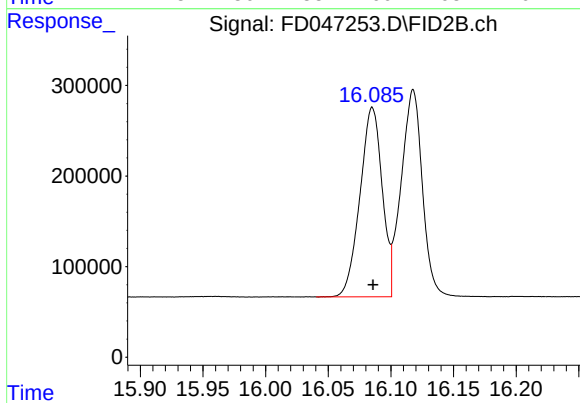
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 2556339
Conc: 19.02 ug/ml



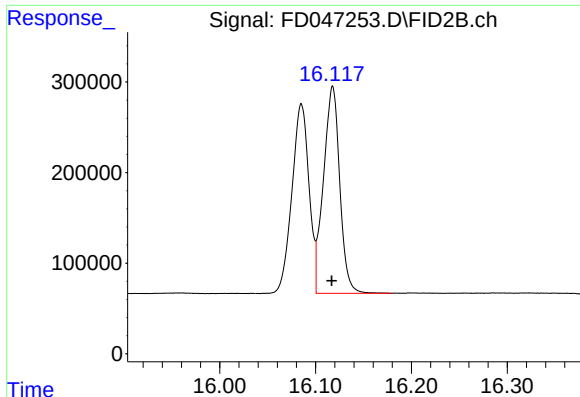
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.000 min
Response: 2787608
Conc: 19.04 ug/ml



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

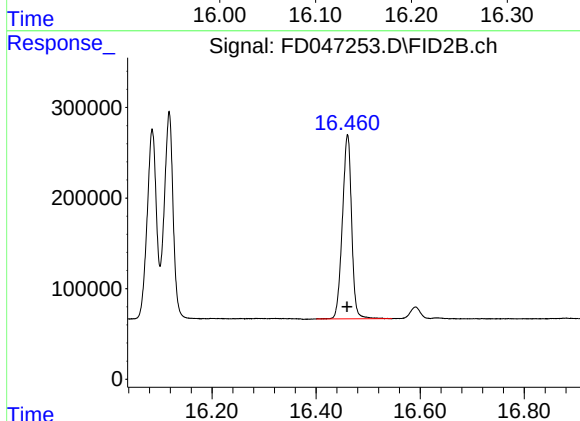
R.T.: 16.085 min
Delta R.T.: 0.000 min
Response: 2584010
Conc: 18.77 ug/ml



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

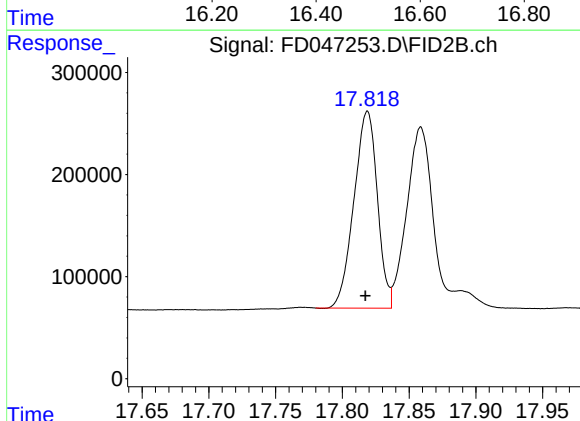
R.T.: 16.118 min
Delta R.T.: 0.000 min
Response: 2698522
Conc: 19.45 ug/ml

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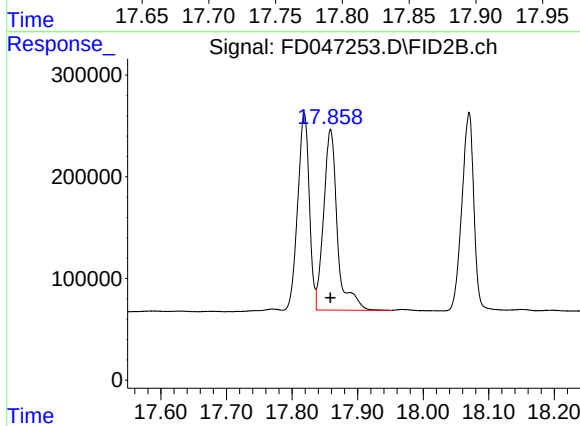
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.460 min
Delta R.T.: 0.000 min
Response: 2504906
Conc: 18.50 ug/ml



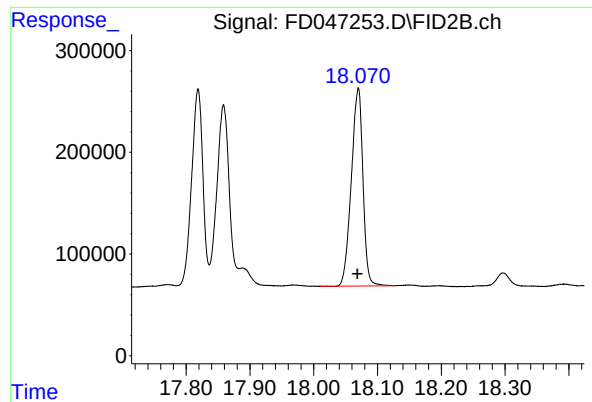
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.001 min
Response: 2355576
Conc: 18.66 ug/ml



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

R.T.: 17.859 min
Delta R.T.: 0.000 min
Response: 2600738
Conc: 19.52 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.000 min
Response: 2459223
Conc: 18.55 ug/ml

Instrument :

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