

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101623AR\
 Data File : FD046767.D
 Signal(s) : FID2B.ch
 Acq On : 16 Oct 2023 10:53
 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

Integration File: autoint1.e
 Quant Time: Oct 17 01:09:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 2023
 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...	7.487	3984123	21.462 ug/ml
Spiked Amount 50.000		Recovery =	42.92%
6) S 2-Fluorobiphenyl (SURR)	8.341	2567264	21.188 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.38%
11) S ortho-Terphenyl (SURR)	11.379	4596872	21.247 ug/ml
Spiked Amount 50.000		Recovery =	42.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.300	4198071	21.619 ug/ml
2) T Naphthalene (C11.7)	5.827	4383895	21.670 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	4395953	21.521 ug/ml
5) T Acenaphthylene (C15.06)	8.145	3960101	21.453 ug/ml
7) T Acenaphthene (C15.5)	8.440	4257855	21.419 ug/ml
8) T Flouorene (C16.55)	9.218	4055231	21.304 ug/ml
9) T Phenanthrene (C19.36)	10.607	3856097	20.920 ug/ml
10) T Anthracene (C19.43)	10.680	2655847	20.315 ug/ml
12) T Fluoranthene (C21.85)	12.410	3741465	20.536 ug/ml
13) T Pyrene (C20.8)	12.704	3616953	20.626 ug/ml
14) T Benzo[a]anthracene (C...	14.568	2925030	19.974 ug/ml
15) T Chrysene (C27.41)	14.610	3187612	19.812 ug/ml
16) T benzo[b]fluoranthene ...	16.110	3073026	20.566 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	3061540	20.351 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	2927057	20.698 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.843	2818991	20.793 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	2887325	20.435 ug/ml
21) T Benzo[g,h,i]perylene ...	18.095	2999077	21.320 ug/ml

(f)=RT Delta > 1/2 Window

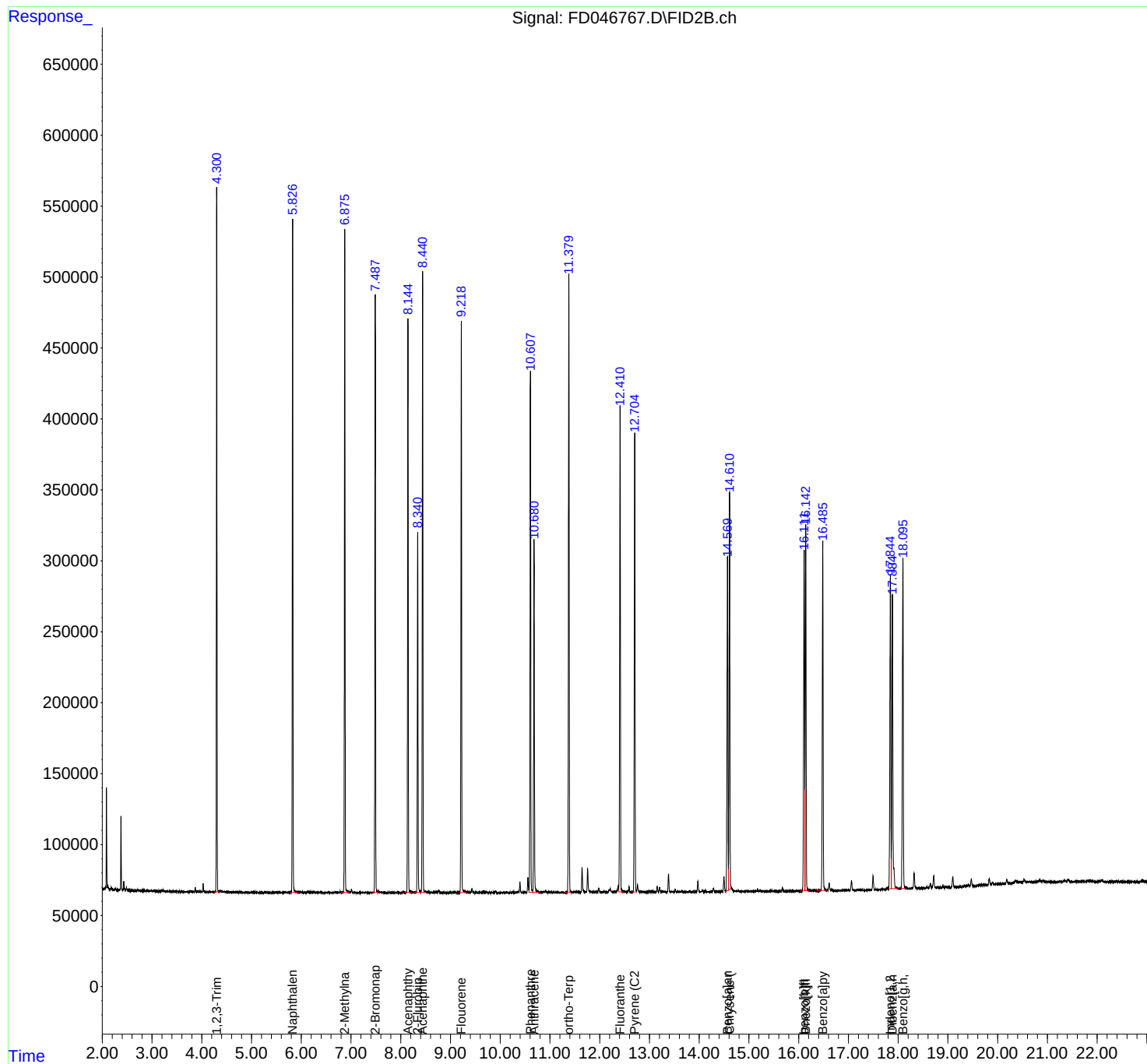
(m)=manual int.

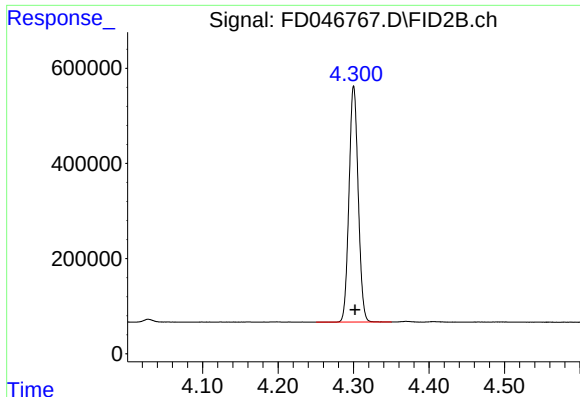
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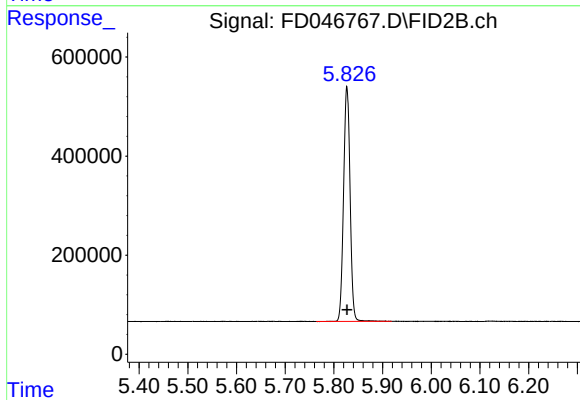




#1 1,2,3-Trimethylbenzene (C10.1)

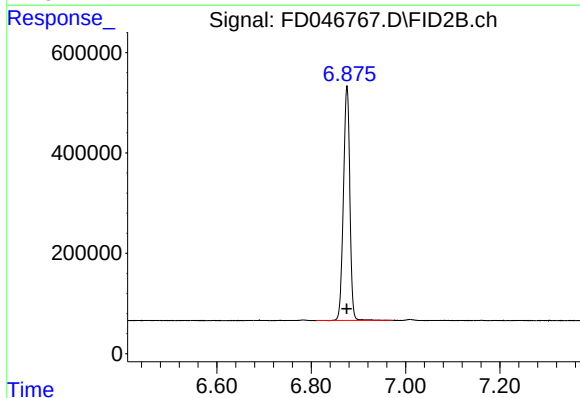
R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 4198071
Conc: 21.62 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



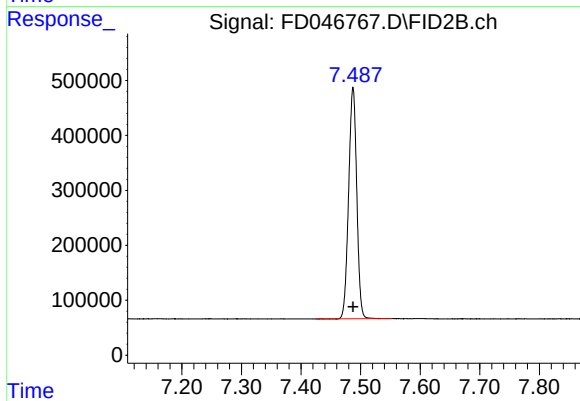
#2 Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 4383895
Conc: 21.67 ug/ml



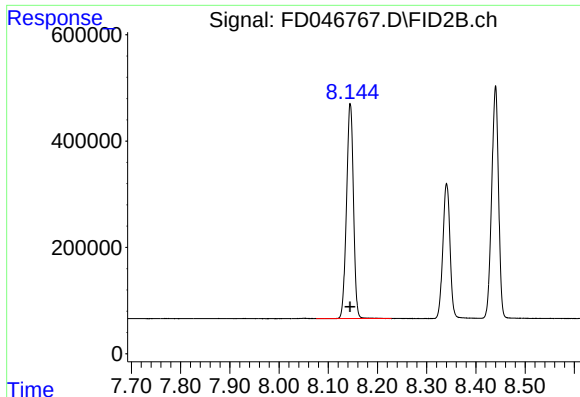
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 4395953
Conc: 21.52 ug/ml



#4 2-Bromonaphthalene (SURR)

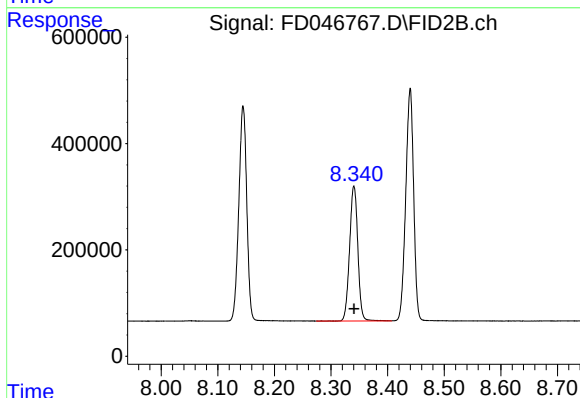
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 3984123
Conc: 21.46 ug/ml



#5 Acenaphthylene (C15.06)

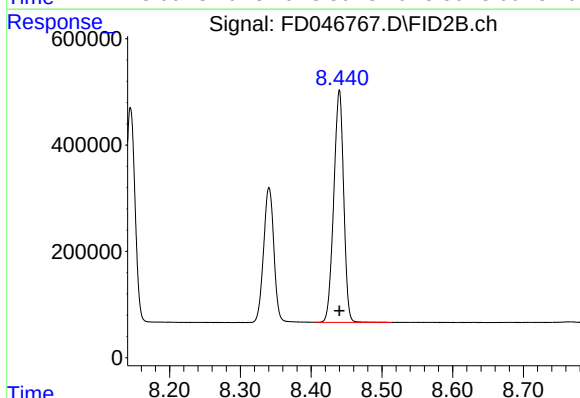
R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 3960101
Conc: 21.45 ug/ml

Instrument :
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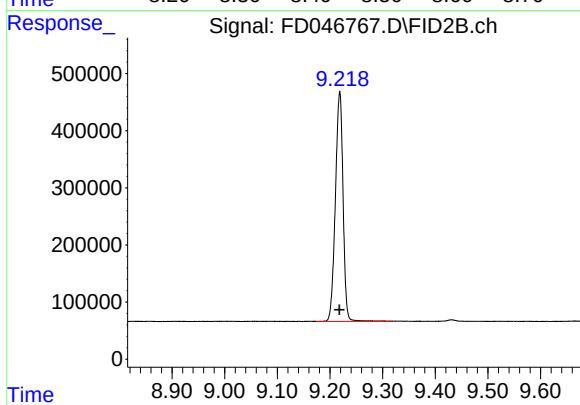
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 2567264
Conc: 21.19 ug/ml



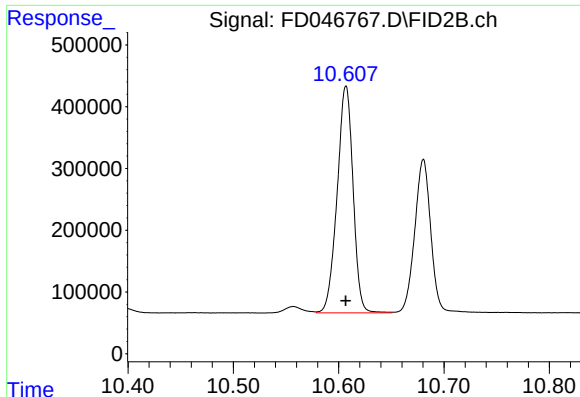
#7 Acenaphthene (C15.5)

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 4257855
Conc: 21.42 ug/ml



#8 Fluorene (C16.55)

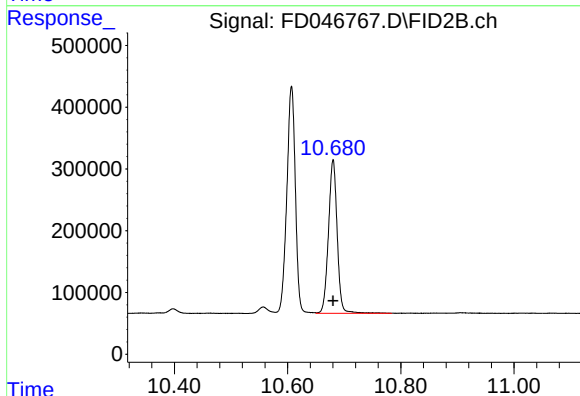
R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 4055231
Conc: 21.30 ug/ml



#9 Phenanthrene (C19.36)

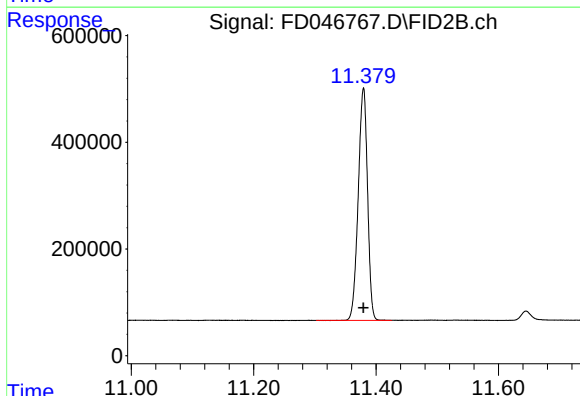
R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 3856097
Conc: 20.92 ug/ml

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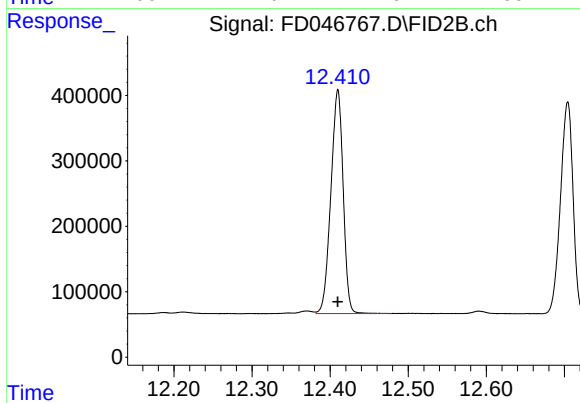
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.000 min
Response: 2655847
Conc: 20.31 ug/ml



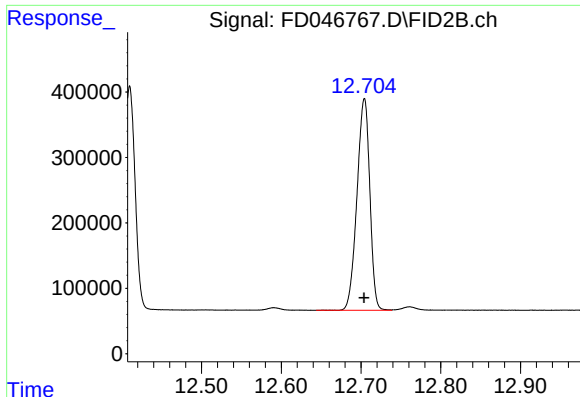
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: 0.000 min
Response: 4596872
Conc: 21.25 ug/ml



#12 Fluoranthene (C21.85)

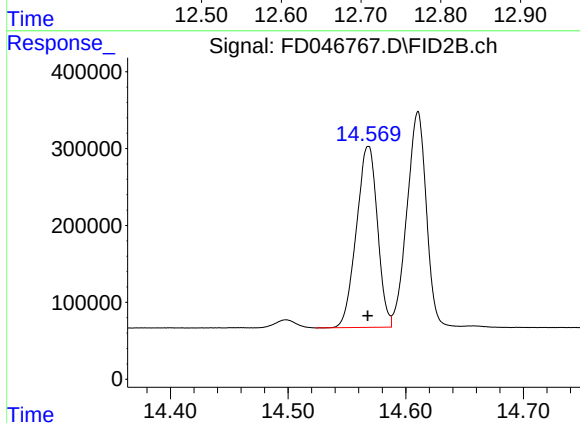
R.T.: 12.410 min
Delta R.T.: 0.000 min
Response: 3741465
Conc: 20.54 ug/ml



#13 Pyrene (C20.8)

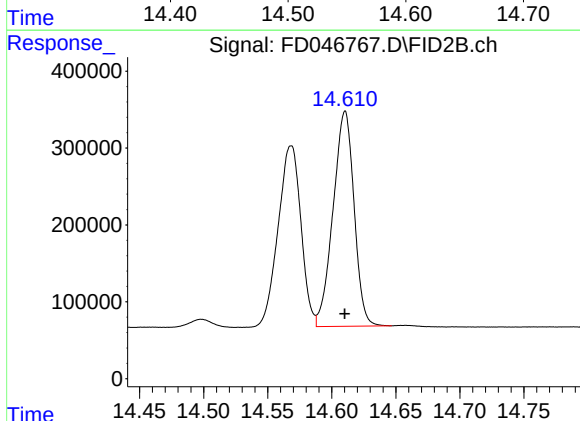
R.T.: 12.704 min
Delta R.T.: 0.000 min
Response: 3616953
Conc: 20.63 ug/ml

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20 PPM AROMATIC HC STD



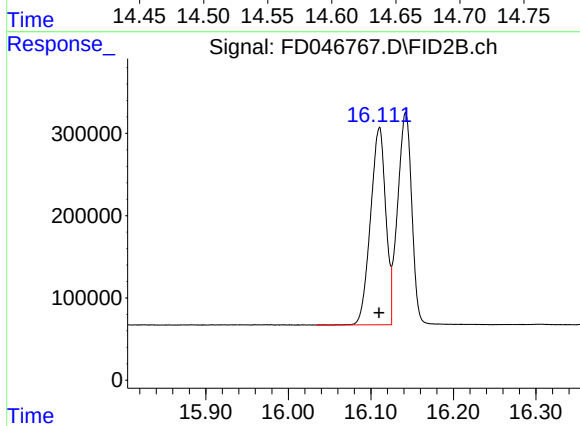
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: 0.000 min
Response: 2925030
Conc: 19.97 ug/ml



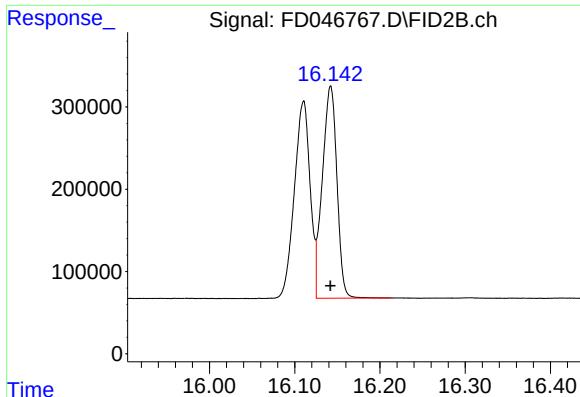
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: 0.000 min
Response: 3187612
Conc: 19.81 ug/ml



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

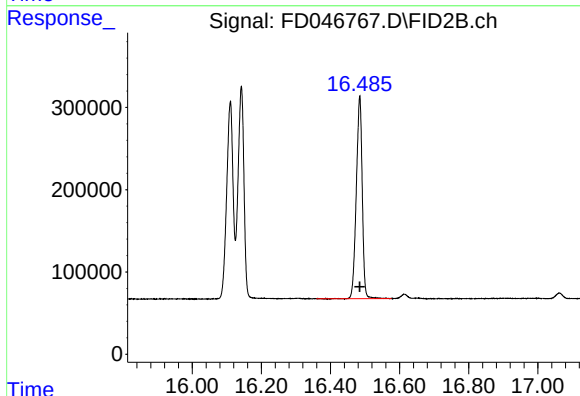
R.T.: 16.110 min
Delta R.T.: 0.000 min
Response: 3073026
Conc: 20.57 ug/ml



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

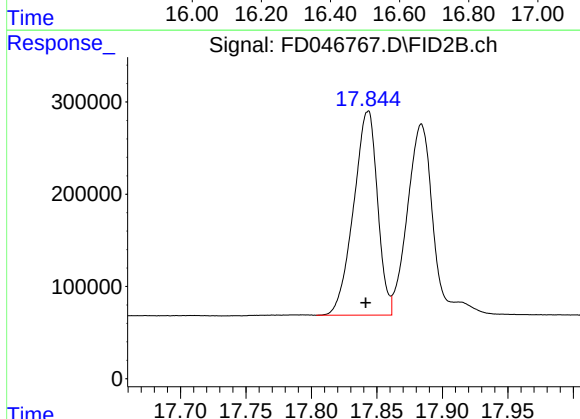
R.T.: 16.142 min
Delta R.T.: 0.000 min
Response: 3061540
Conc: 20.35 ug/ml

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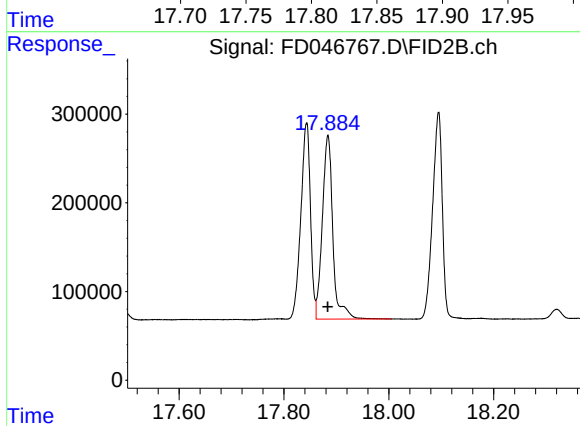
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: 0.000 min
Response: 2927057
Conc: 20.70 ug/ml



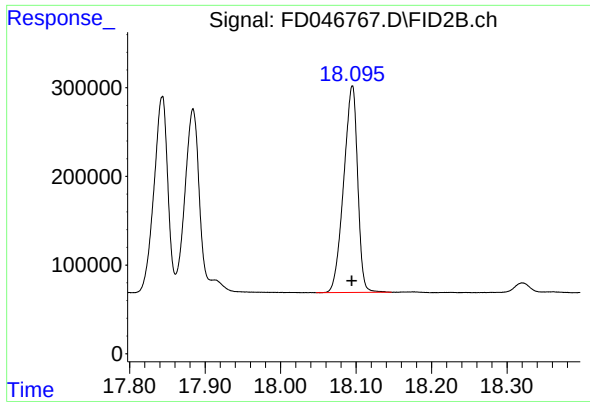
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.843 min
Delta R.T.: 0.001 min
Response: 2818991
Conc: 20.79 ug/ml



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

R.T.: 17.884 min
Delta R.T.: 0.000 min
Response: 2887325
Conc: 20.43 ug/ml



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

R.T.: 18.095 min
Delta R.T.: 0.000 min
Response: 2999077
Conc: 21.32 ug/ml

Instrument :

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