

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047578.D
 Signal(s) : FID2B.ch
 Acq On : 25 Apr 2024 07:40
 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: Apr 25 08:51:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.461	3308956	22.133 ug/ml
Spiked Amount 50.000		Recovery =	44.27%
6) S 2-Fluorobiphenyl (SURR)	8.314	2174517	22.255 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.51%
11) S ortho-Terphenyl (SURR)	11.352	3776639	22.031 ug/ml
Spiked Amount 50.000		Recovery =	44.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	3473868	21.984 ug/ml
2) T Naphthalene (C11.7)	5.799	3625902	22.158 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3649535	22.188 ug/ml
5) T Acenaphthylene (C15.06)	8.117	3324604	22.026 ug/ml
7) T Acenaphthene (C15.5)	8.411	3538713	22.094 ug/ml
8) T Flouorene (C16.55)	9.190	3404404	22.006 ug/ml
9) T Phenanthrene (C19.36)	10.580	3320956	22.321 ug/ml
10) T Anthracene (C19.43)	10.654	2987048	21.962 ug/ml
12) T Fluoranthene (C21.85)	12.385	3268129	22.107 ug/ml
13) T Pyrene (C20.8)	12.678	3177023	22.014 ug/ml
14) T Benzo[a]anthracene (C...	14.547	2920615	22.208 ug/ml
15) T Chrysene (C27.41)	14.588	3076086	21.815 ug/ml
16) T benzo[b]fluoranthene ...	16.092	3088359	22.137 ug/ml
17) T Bnezo[k]fluoranthene ...	16.124	3157763	22.703 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.468	3055473	22.254 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	2814543	20.865 ug/ml
20) T Dibenz[a,h]anthracene...	17.870	3048488	22.683 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	3011431	21.698 ug/ml

(f)=RT Delta > 1/2 Window

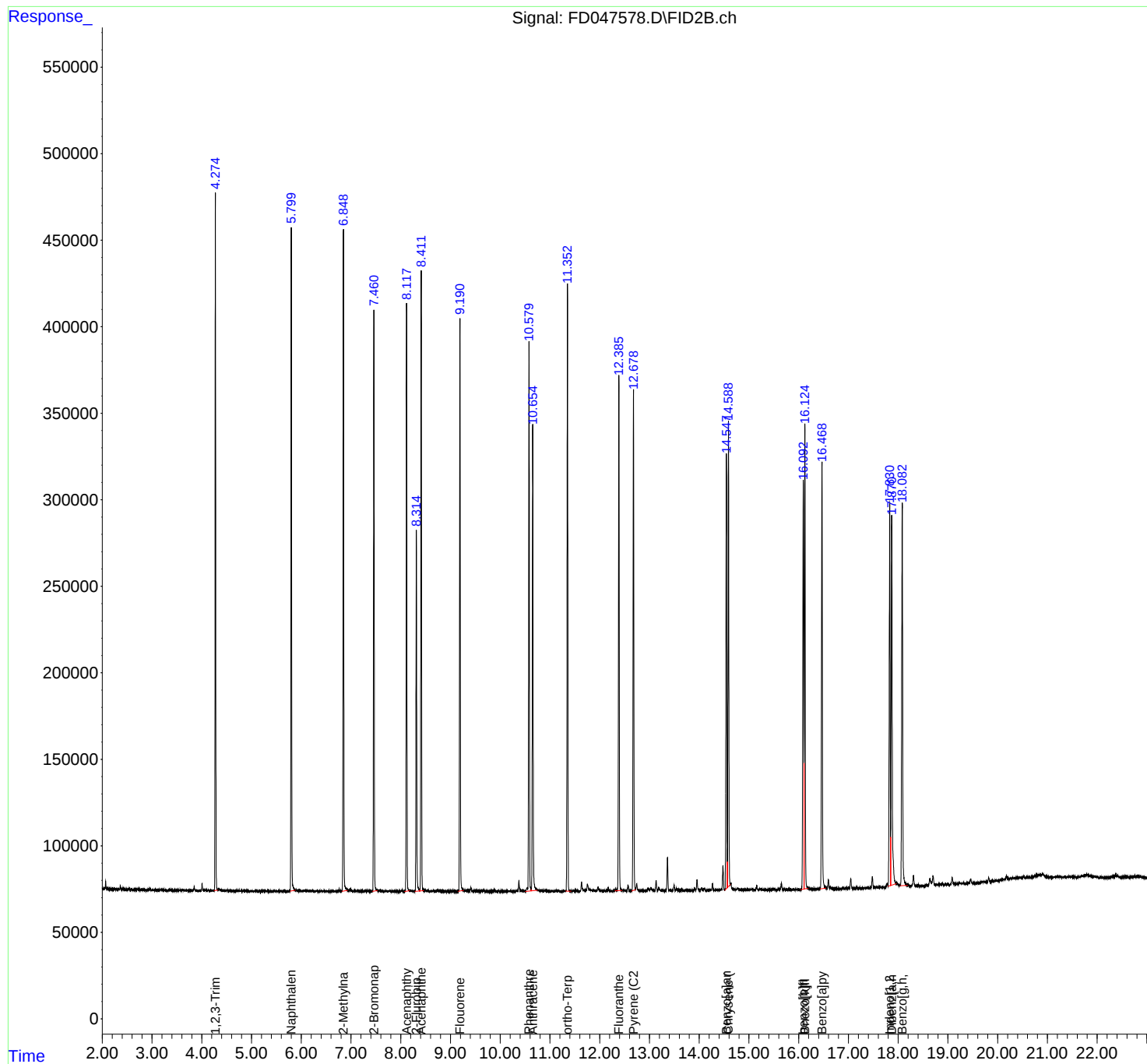
(m)=manual int.

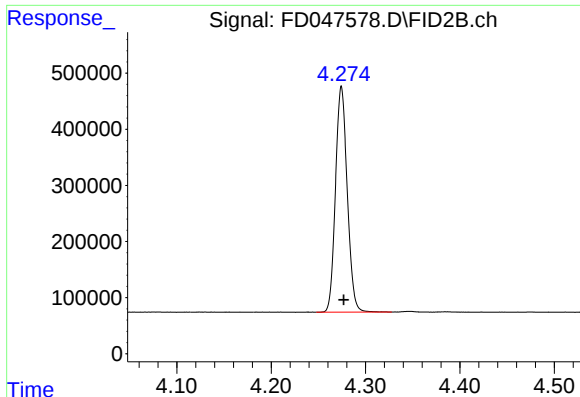
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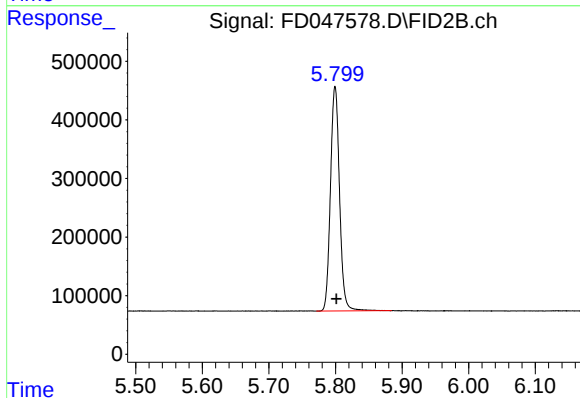




#1 1,2,3-Trimethylbenzene (C10.1)

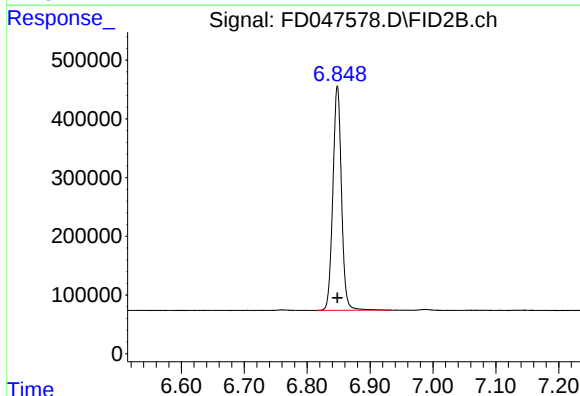
R.T.: 4.275 min
Delta R.T.: -0.002 min
Response: 3473868
Conc: 21.98 ug/ml

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20 PPM AROMATIC HC STD



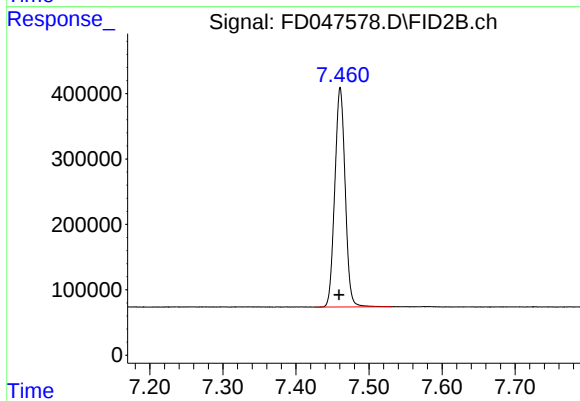
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 3625902
Conc: 22.16 ug/ml



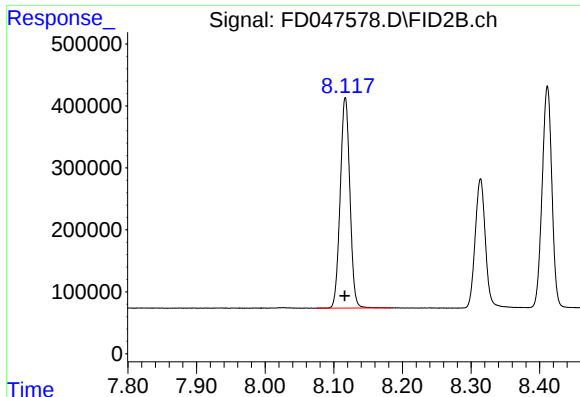
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 3649535
Conc: 22.19 ug/ml



#4 2-Bromonaphthalene (SURR)

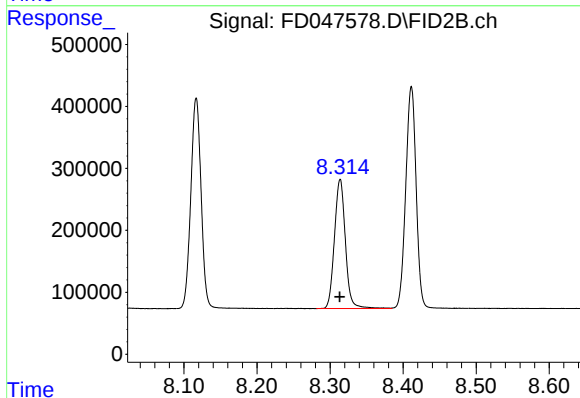
R.T.: 7.461 min
Delta R.T.: 0.002 min
Response: 3308956
Conc: 22.13 ug/ml



#5 Acenaphthylene (C15.06)

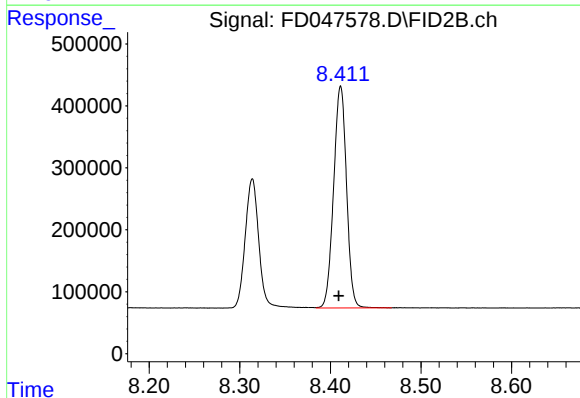
R.T.: 8.117 min
Delta R.T.: 0.001 min
Response: 3324604
Conc: 22.03 ug/ml

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20 PPM AROMATIC HC STD



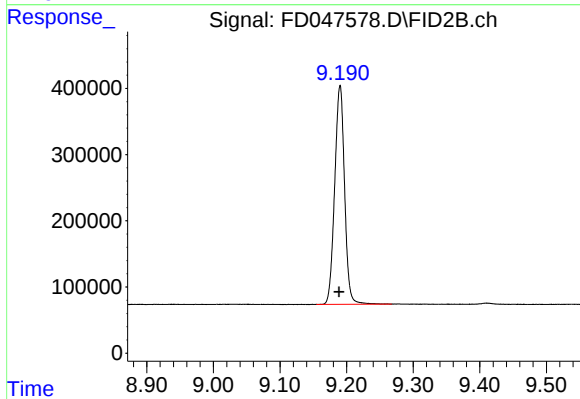
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 2174517
Conc: 22.26 ug/ml



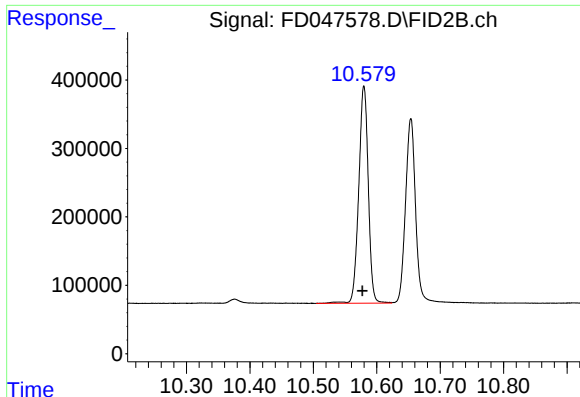
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.002 min
Response: 3538713
Conc: 22.09 ug/ml



#8 Fluorene (C16.55)

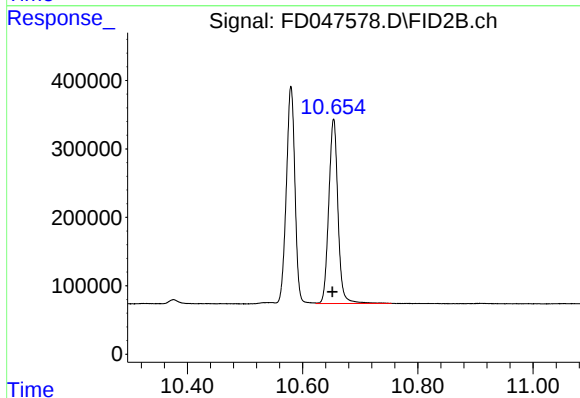
R.T.: 9.190 min
Delta R.T.: 0.001 min
Response: 3404404
Conc: 22.01 ug/ml



#9 Phenanthrene (C19.36)

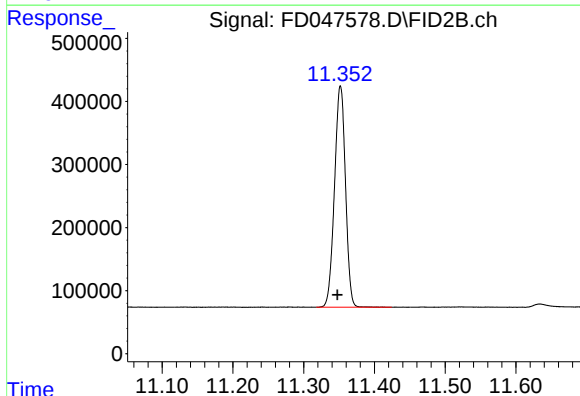
R.T.: 10.580 min
Delta R.T.: 0.003 min
Response: 3320956
Conc: 22.32 ug/ml

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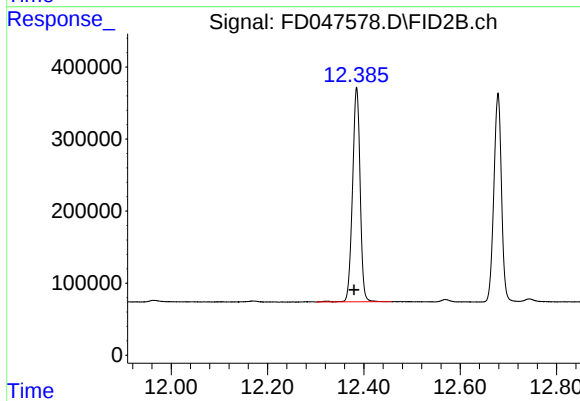
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: 0.002 min
Response: 2987048
Conc: 21.96 ug/ml



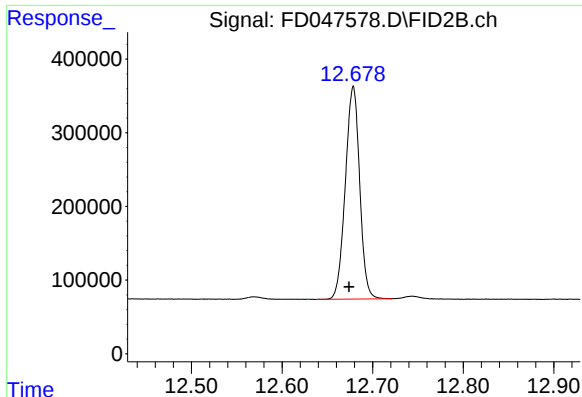
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.004 min
Response: 3776639
Conc: 22.03 ug/ml



#12 Fluoranthene (C21.85)

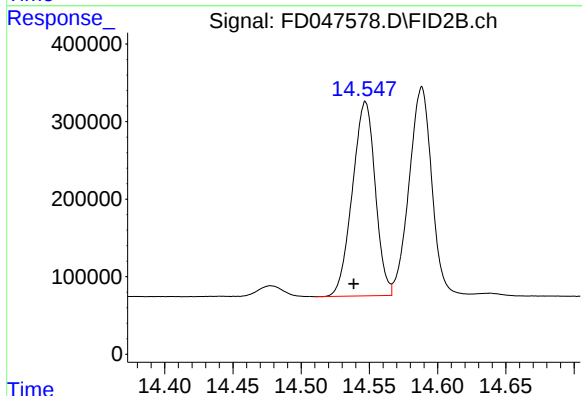
R.T.: 12.385 min
Delta R.T.: 0.005 min
Response: 3268129
Conc: 22.11 ug/ml



#13 Pyrene (C20.8)

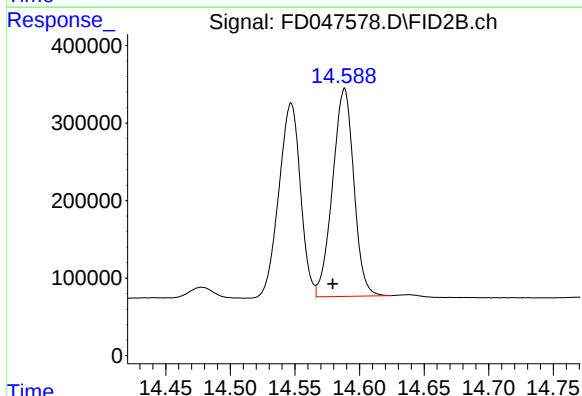
R.T.: 12.678 min
Delta R.T.: 0.005 min
Response: 3177023
Conc: 22.01 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD



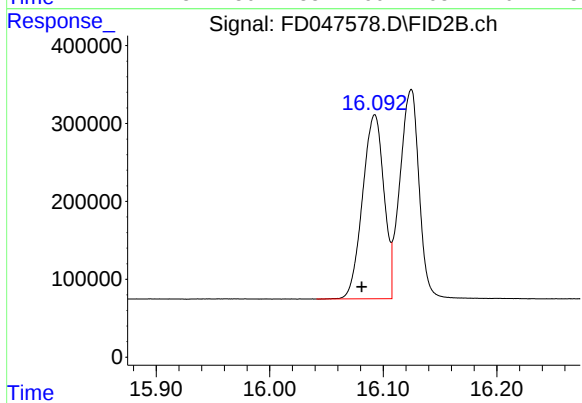
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.008 min
Response: 2920615
Conc: 22.21 ug/ml



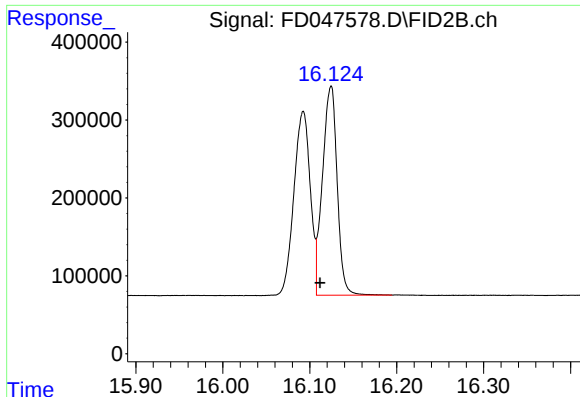
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.009 min
Response: 3076086
Conc: 21.81 ug/ml



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

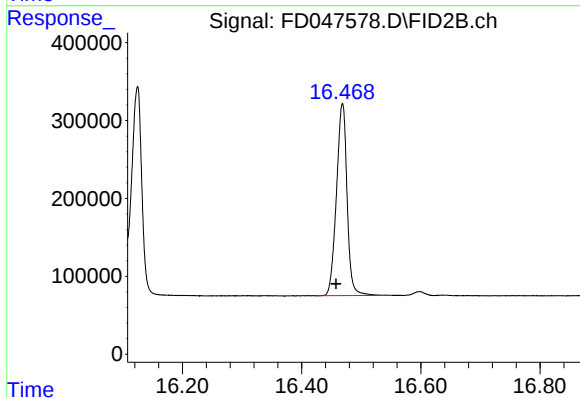
R.T.: 16.092 min
Delta R.T.: 0.011 min
Response: 3088359
Conc: 22.14 ug/ml



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

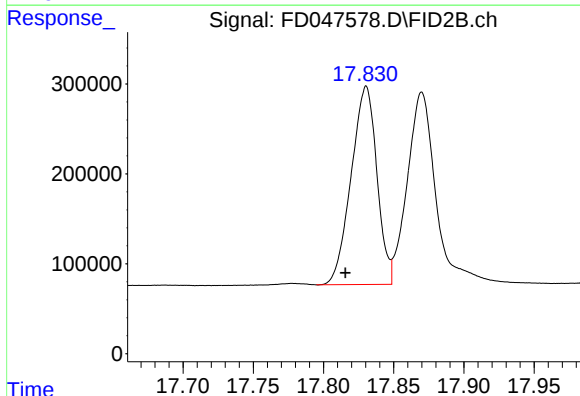
R.T.: 16.124 min
Delta R.T.: 0.012 min
Response: 3157763
Conc: 22.70 ug/ml

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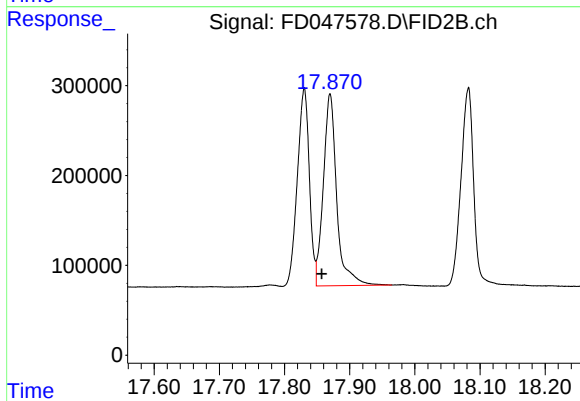
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.468 min
Delta R.T.: 0.011 min
Response: 3055473
Conc: 22.25 ug/ml



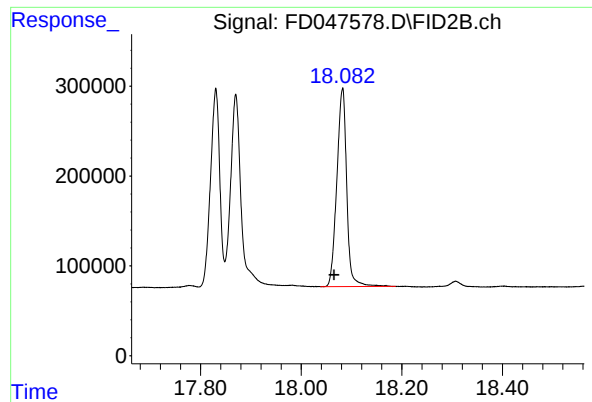
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min
Delta R.T.: 0.015 min
Response: 2814543
Conc: 20.87 ug/ml



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

R.T.: 17.870 min
Delta R.T.: 0.013 min
Response: 3048488
Conc: 22.68 ug/ml



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

R.T.: 18.082 min
Delta R.T.: 0.016 min
Response: 3011431
Conc: 21.70 ug/ml

Instrument :

FID_D

ClientSampleId :

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