

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041924AR\
 Data File : FD047554.D
 Signal(s) : FID2B.ch
 Acq On : 19 Apr 2024 10:14
 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 20 02:51:48 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	3147029	21.050 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
6) S 2-Fluorobiphenyl (SURR)	8.314	2059415	21.077 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.15%
11) S ortho-Terphenyl (SURR)	11.351	3597908	20.988 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	3371679	21.338 ug/ml
2) T Naphthalene (C11.7)	5.801	3473737	21.228 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	3477876	21.144 ug/ml
5) T Acenaphthylene (C15.06)	8.118	3121587	20.681 ug/ml
7) T Acenaphthene (C15.5)	8.412	3359331	20.974 ug/ml
8) T Fluorene (C16.55)	9.191	3241717	20.955 ug/ml
9) T Phenanthrene (C19.36)	10.579	3139446	21.101 ug/ml
10) T Anthracene (C19.43)	10.654	2378712	17.490 ug/ml
12) T Fluoranthene (C21.85)	12.384	3126892	21.152 ug/ml
13) T Pyrene (C20.8)	12.678	3035798	21.035 ug/ml
14) T Benzo[a]anthracene (C...	14.545	2759601	20.984 ug/ml
15) T Chrysene (C27.41)	14.587	2952005	20.935 ug/ml
16) T benzo[b]fluoranthene ...	16.091	2975437	21.327 ug/ml
17) T Bnezo[k]fluoranthene ...	16.122	3035278	21.823 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.467	2932183	21.356 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	2728159	20.225 ug/ml
20) T Dibenz[a,h]anthracene...	17.869	2978398	22.161 ug/ml
21) T Benzo[g,h,i]perylene ...	18.080	2919494	21.035 ug/ml

(f)=RT Delta > 1/2 Window

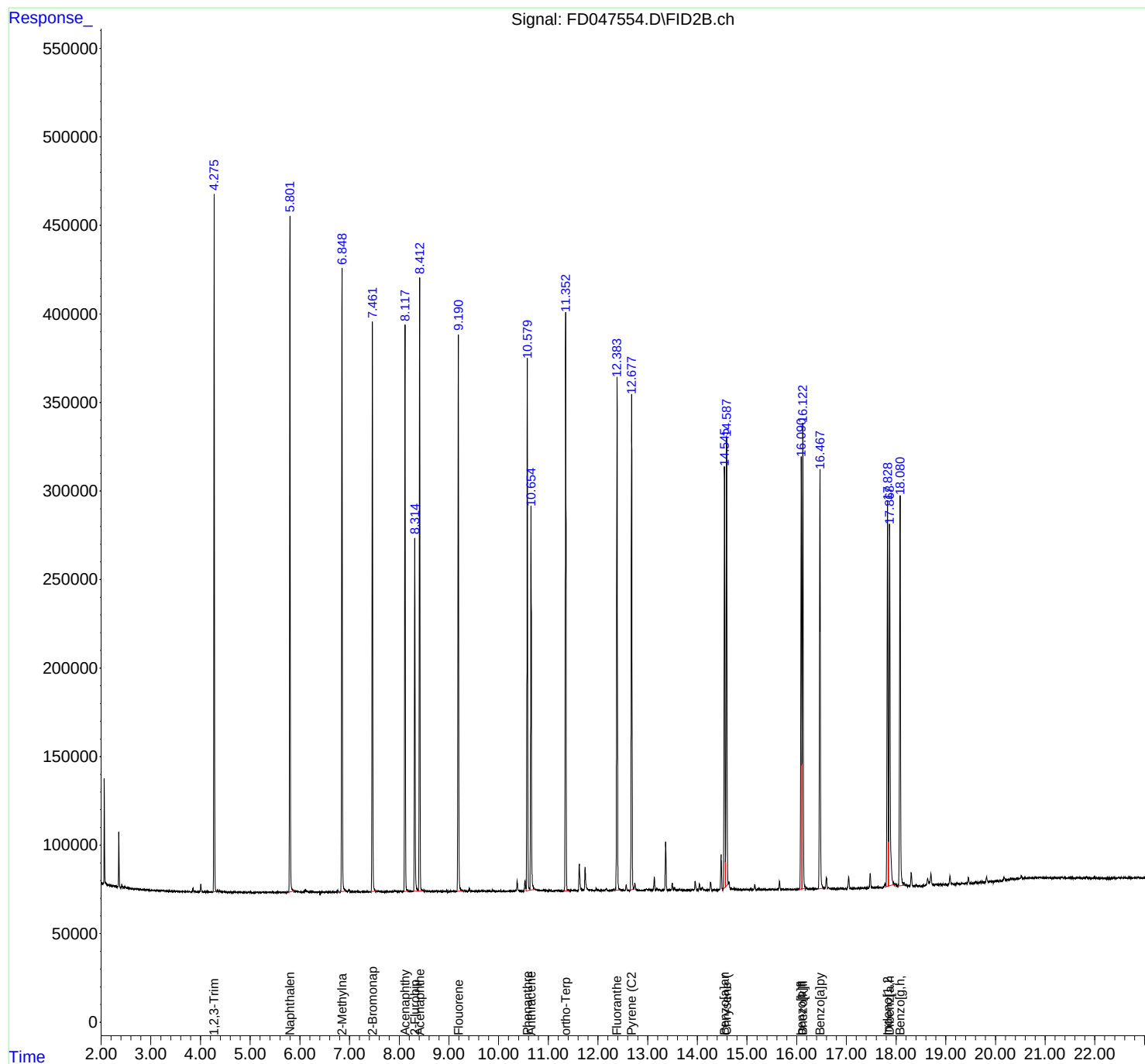
(m)=manual int.

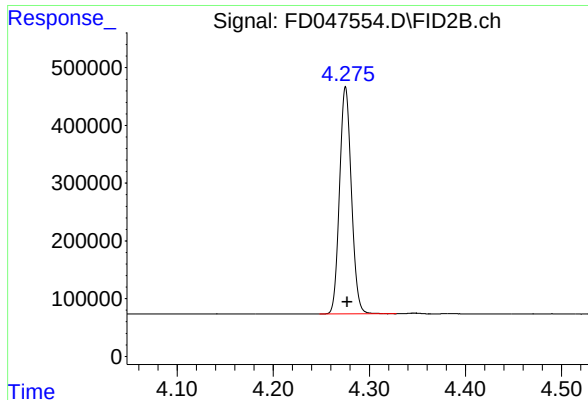
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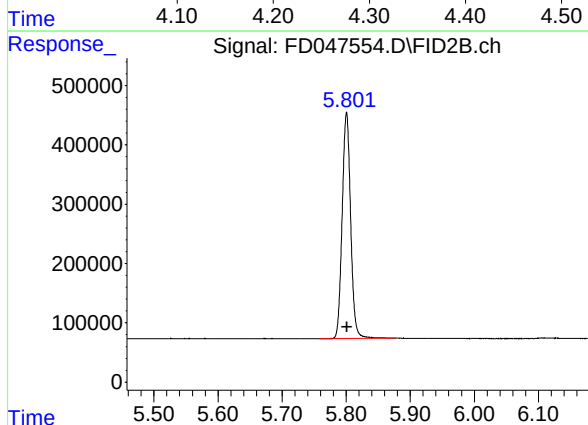




#1 1,2,3-Trimethylbenzene (C10.1)

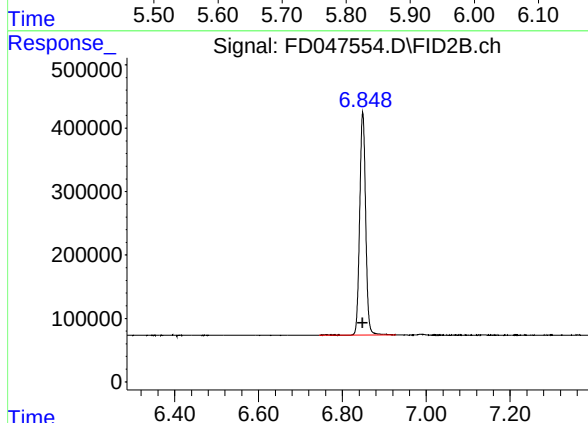
R.T.: 4.275 min
Delta R.T.: -0.002 min
Response: 3371679
Conc: 21.34 ug/ml

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20 PPM AROMATIC HC STD



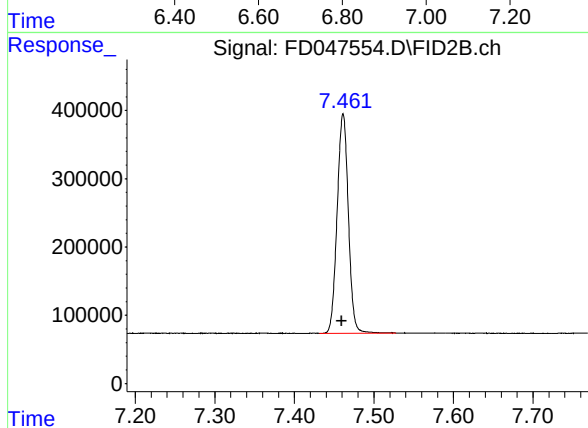
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 3473737
Conc: 21.23 ug/ml



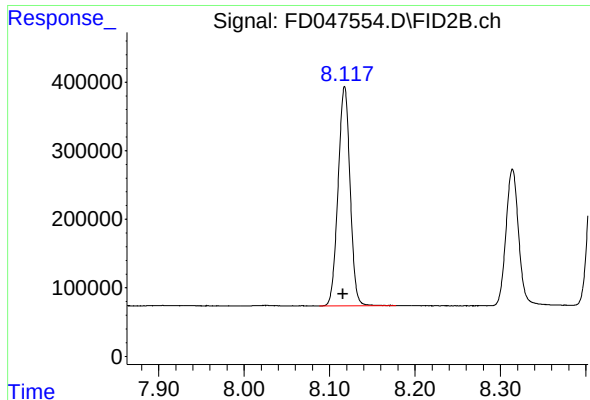
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 3477876
Conc: 21.14 ug/ml



#4 2-Bromonaphthalene (SURR)

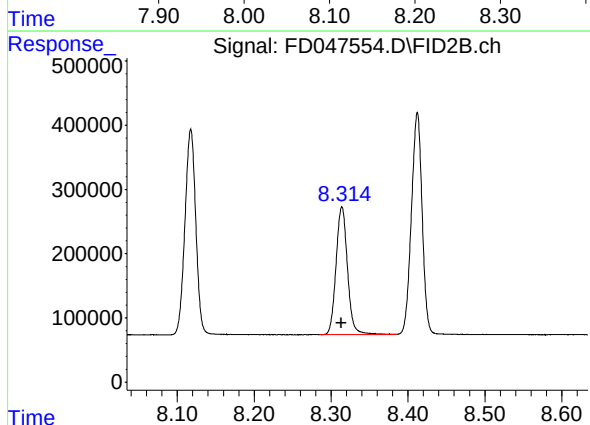
R.T.: 7.461 min
Delta R.T.: 0.002 min
Response: 3147029
Conc: 21.05 ug/ml



#5 Acenaphthylene (C15.06)

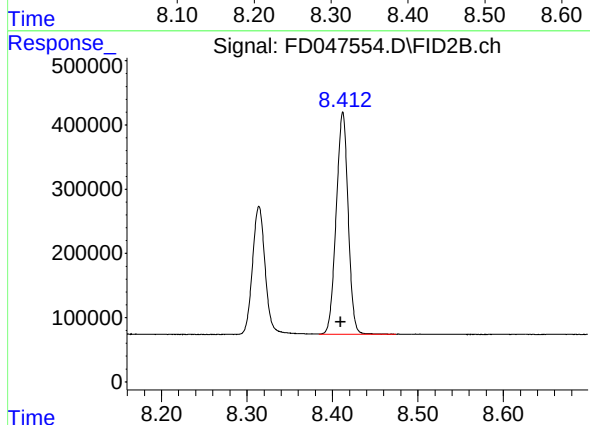
R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 3121587
Conc: 20.68 ug/ml

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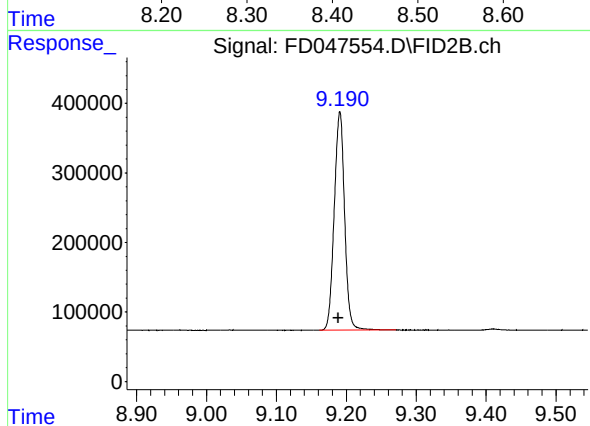
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 2059415
Conc: 21.08 ug/ml



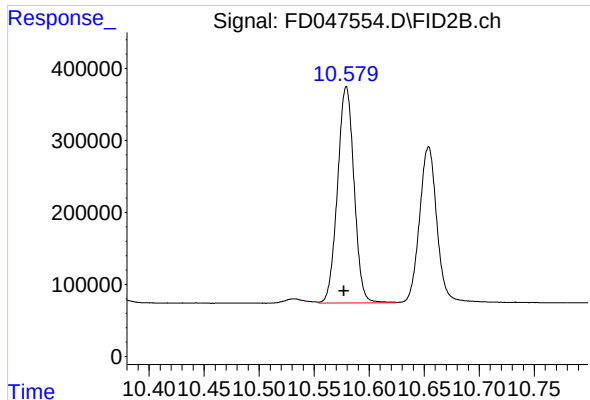
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.003 min
Response: 3359331
Conc: 20.97 ug/ml



#8 Flouorene (C16.55)

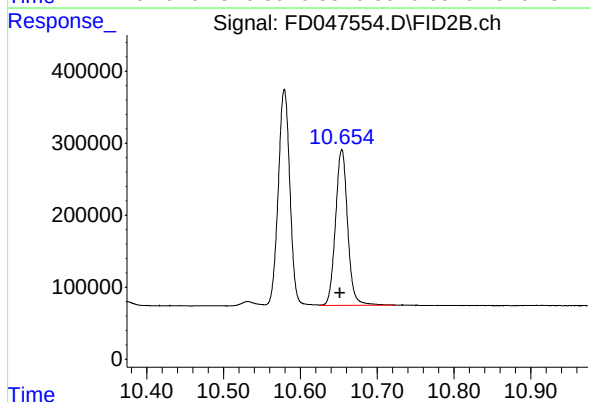
R.T.: 9.191 min
Delta R.T.: 0.002 min
Response: 3241717
Conc: 20.95 ug/ml



#9 Phenanthrene (C19.36)

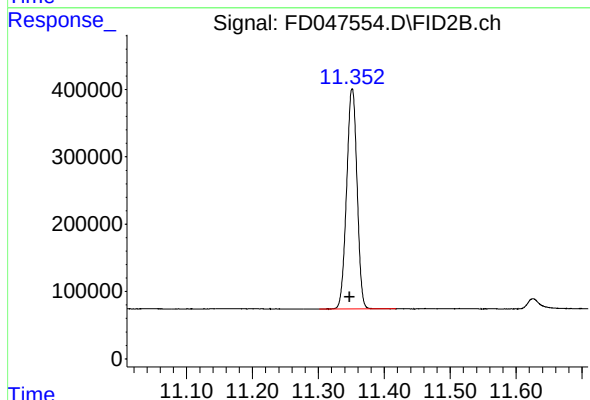
R.T.: 10.579 min
Delta R.T.: 0.002 min
Response: 3139446
Conc: 21.10 ug/ml

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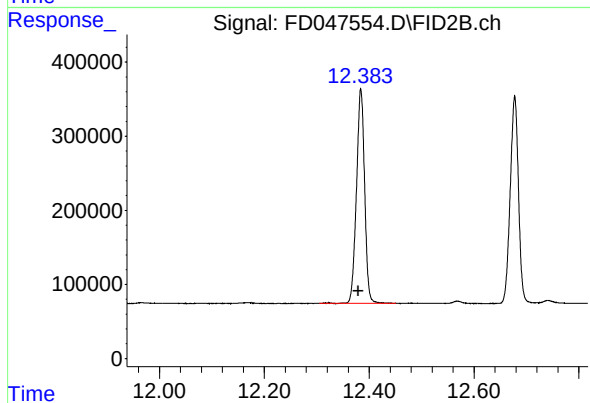
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: 0.002 min
Response: 2378712
Conc: 17.49 ug/ml



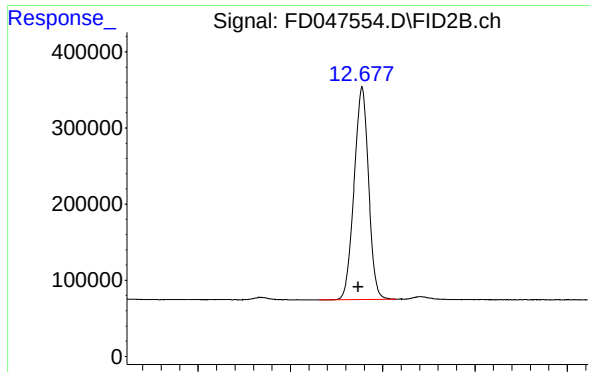
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.003 min
Response: 3597908
Conc: 20.99 ug/ml



#12 Fluoranthene (C21.85)

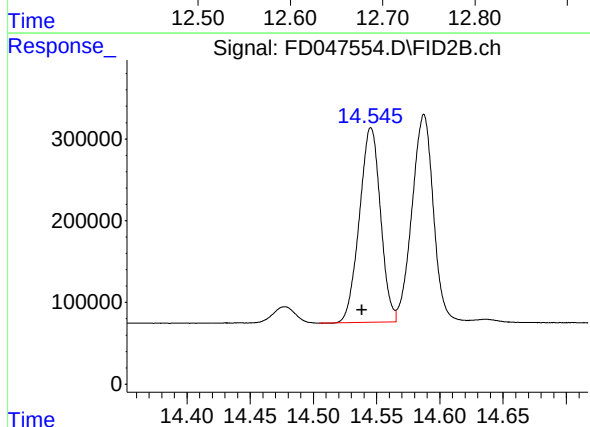
R.T.: 12.384 min
Delta R.T.: 0.004 min
Response: 3126892
Conc: 21.15 ug/ml



#13 Pyrene (C20.8)

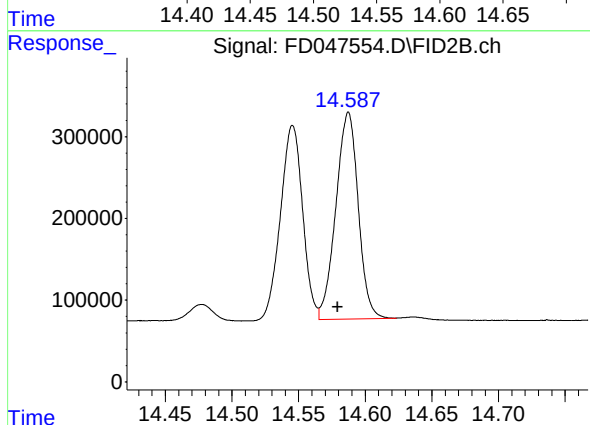
R.T.: 12.678 min
Delta R.T.: 0.004 min
Response: 3035798
Conc: 21.04 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



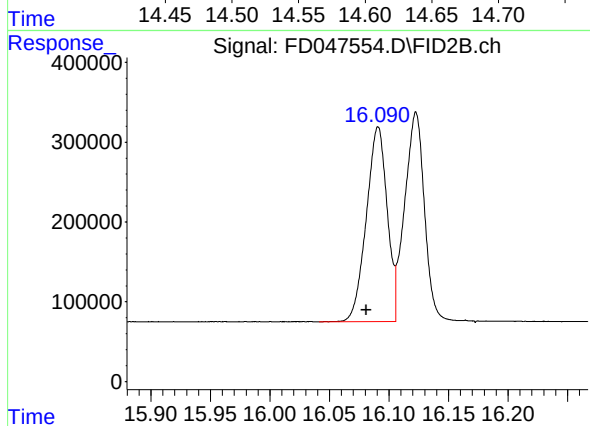
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.007 min
Response: 2759601
Conc: 20.98 ug/ml



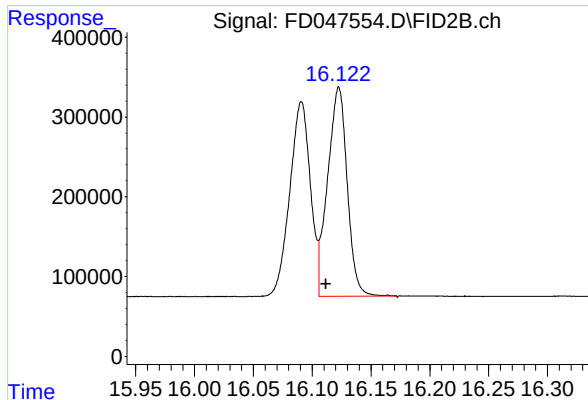
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.008 min
Response: 2952005
Conc: 20.93 ug/ml



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

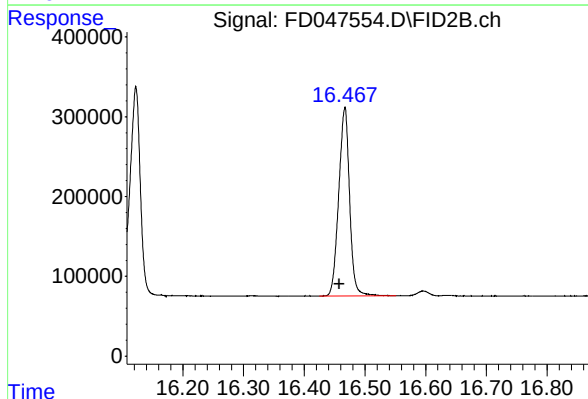
R.T.: 16.091 min
Delta R.T.: 0.010 min
Response: 2975437
Conc: 21.33 ug/ml



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

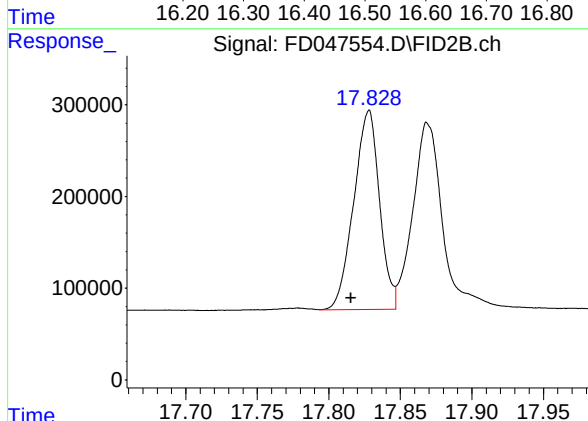
R.T.: 16.122 min
Delta R.T.: 0.011 min
Response: 3035278
Conc: 21.82 ug/ml

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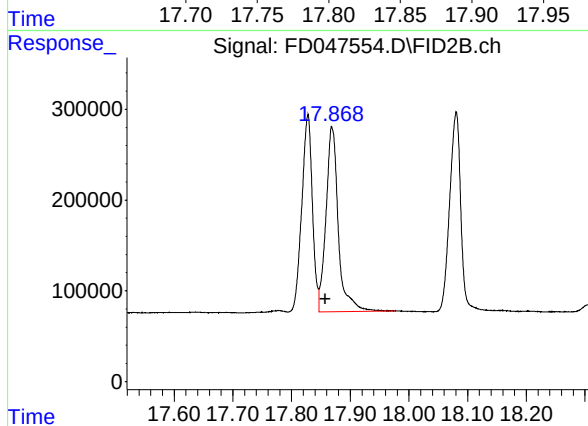
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.467 min
Delta R.T.: 0.009 min
Response: 2932183
Conc: 21.36 ug/ml



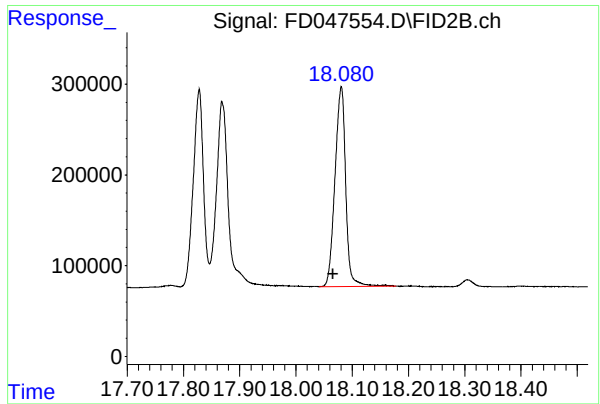
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.012 min
Response: 2728159
Conc: 20.23 ug/ml



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

R.T.: 17.869 min
Delta R.T.: 0.012 min
Response: 2978398
Conc: 22.16 ug/ml



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

R.T.: 18.080 min
Delta R.T.: 0.015 min
Response: 2919494
Conc: 21.04 ug/ml

Instrument :

FID_D

ClientSampleId :

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