

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120723AR\
 Data File : FD047005.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2023 09:12
 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: Dec 07 10:36:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.473	3660817	21.160 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
6) S 2-Fluorobiphenyl (SURR)	8.327	2382669	21.911 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.82%
11) S ortho-Terphenyl (SURR)	11.365	4416360	22.193 ug/ml
Spiked Amount 50.000		Recovery =	44.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	3764577	20.233 ug/ml
2) T Naphthalene (C11.7)	5.813	3964064	20.816 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	4014931	20.849 ug/ml
5) T Acenaphthylene (C15.06)	8.130	3716883	21.352 ug/ml
7) T Acenaphthene (C15.5)	8.425	3969742	21.406 ug/ml
8) T Fluorene (C16.55)	9.204	3786101	21.934 ug/ml
9) T Phenanthrene (C19.36)	10.592	3643189	22.189 ug/ml
10) T Anthracene (C19.43)	10.666	3344412	21.627 ug/ml
12) T Fluoranthene (C21.85)	12.395	3602325	22.728 ug/ml
13) T Pyrene (C20.8)	12.689	3503176	22.896 ug/ml
14) T Benzo[a]anthracene (C...	14.553	2835850	21.871 ug/ml
15) T Chrysene (C27.41)	14.595	3090842	21.564 ug/ml
16) T benzo[b]fluoranthene ...	16.094	2971176	22.244 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	3055189	22.362 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	2804717	21.408 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.825	2311081	19.369 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	2529506	19.467 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.077	2605452	19.913 ug/ml

(f)=RT Delta > 1/2 Window

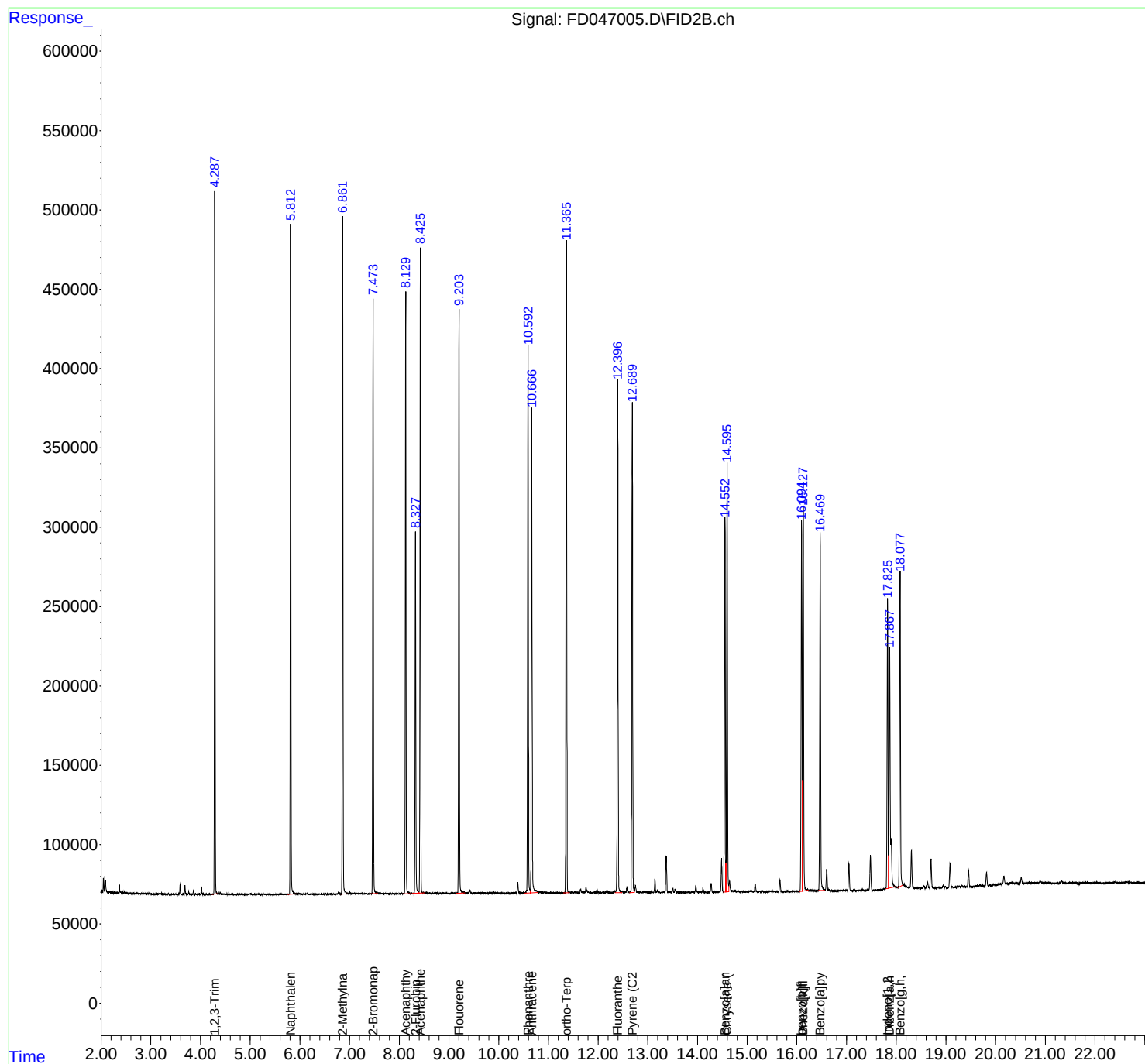
(m)=manual int.

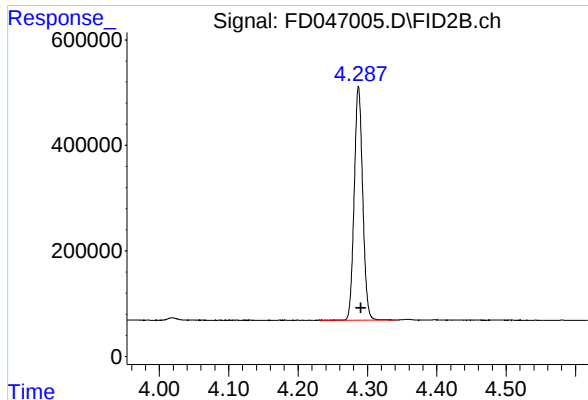
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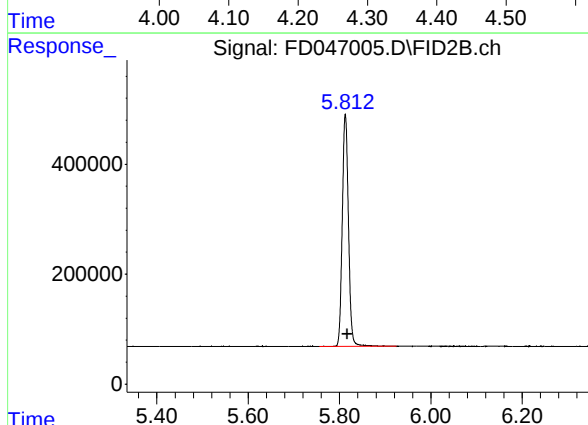




#1 1,2,3-Trimethylbenzene (C10.1)

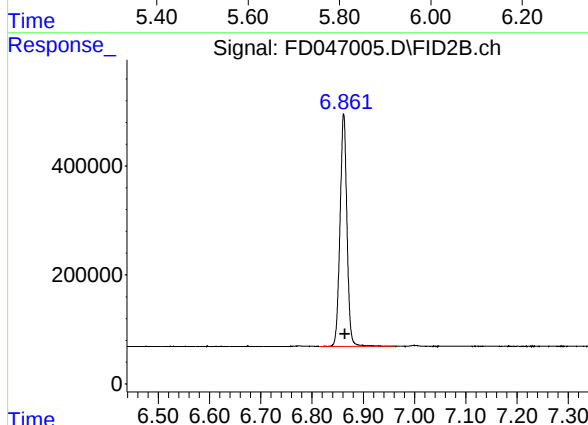
R.T.: 4.287 min
Delta R.T.: -0.004 min
Response: 3764577
Conc: 20.23 ug/ml

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20 PPM AROMATIC HC STD



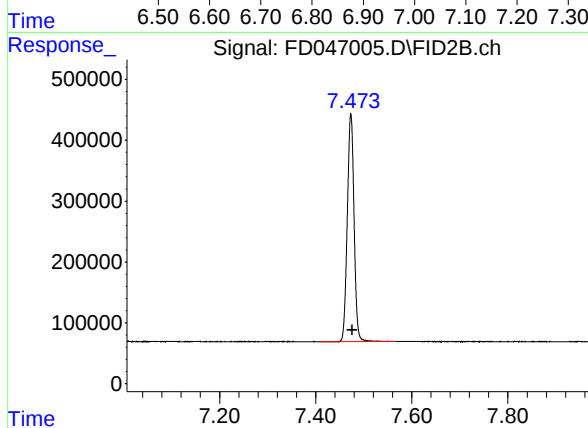
#2 Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: -0.004 min
Response: 3964064
Conc: 20.82 ug/ml



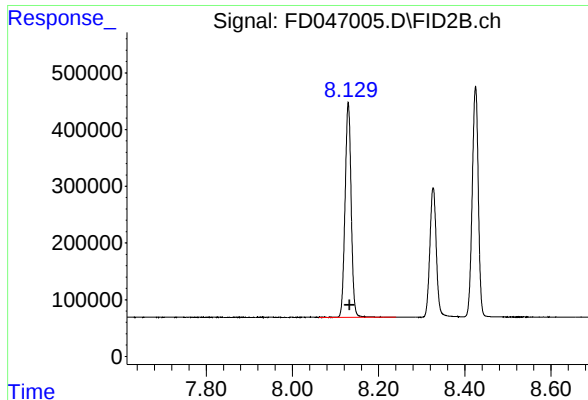
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 4014931
Conc: 20.85 ug/ml



#4 2-Bromonaphthalene (SURR)

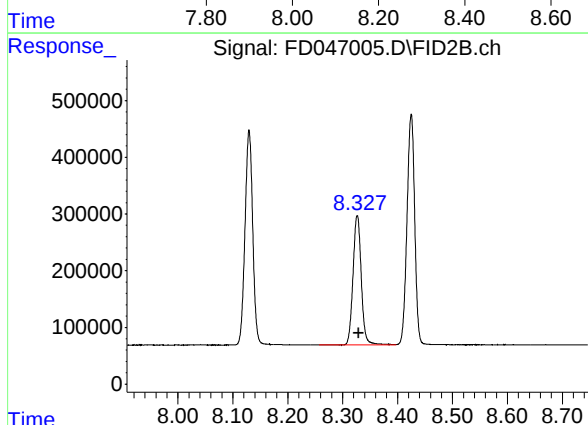
R.T.: 7.473 min
Delta R.T.: -0.003 min
Response: 3660817
Conc: 21.16 ug/ml



#5 Acenaphthylene (C15.06)

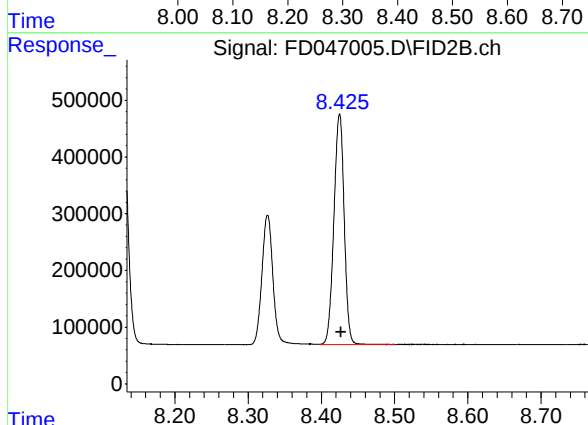
R.T.: 8.130 min
Delta R.T.: -0.003 min
Response: 3716883
Conc: 21.35 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



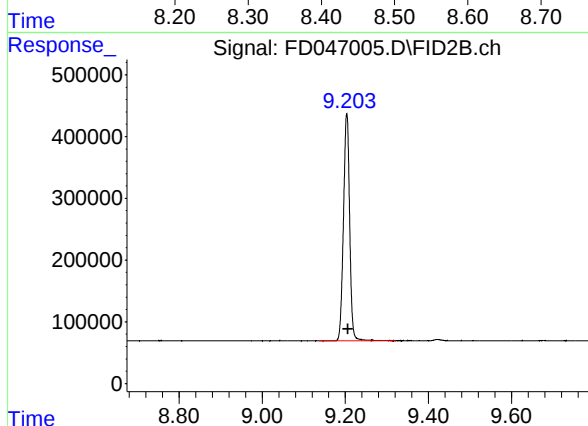
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.327 min
Delta R.T.: -0.003 min
Response: 2382669
Conc: 21.91 ug/ml



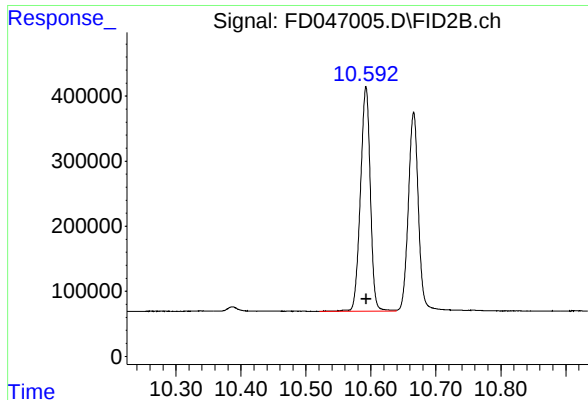
#7 Acenaphthene (C15.5)

R.T.: 8.425 min
Delta R.T.: -0.002 min
Response: 3969742
Conc: 21.41 ug/ml



#8 Fluorene (C16.55)

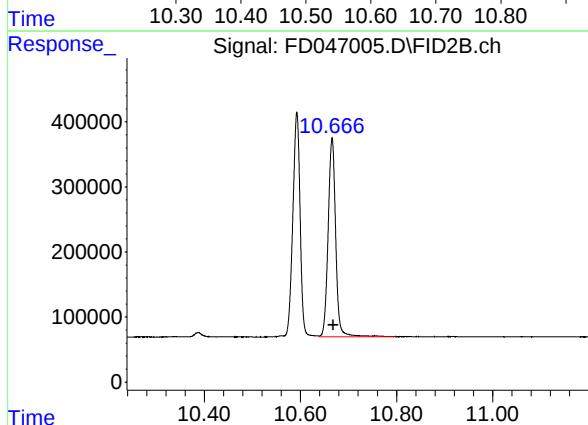
R.T.: 9.204 min
Delta R.T.: -0.002 min
Response: 3786101
Conc: 21.93 ug/ml



#9 Phenanthrene (C19.36)

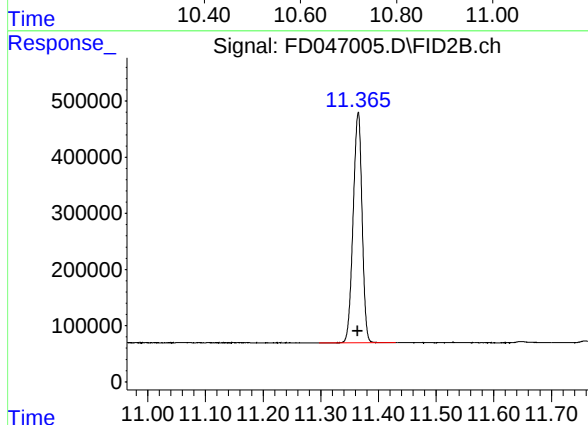
R.T.: 10.592 min
Delta R.T.: 0.000 min
Response: 3643189
Conc: 22.19 ug/ml

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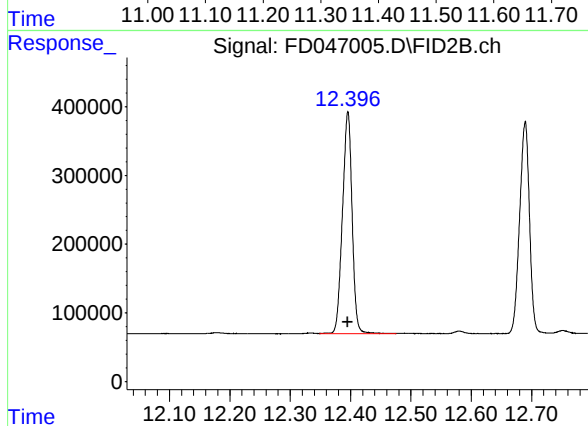
#10 Anthracene (C19.43)

R.T.: 10.666 min
Delta R.T.: -0.002 min
Response: 3344412
Conc: 21.63 ug/ml



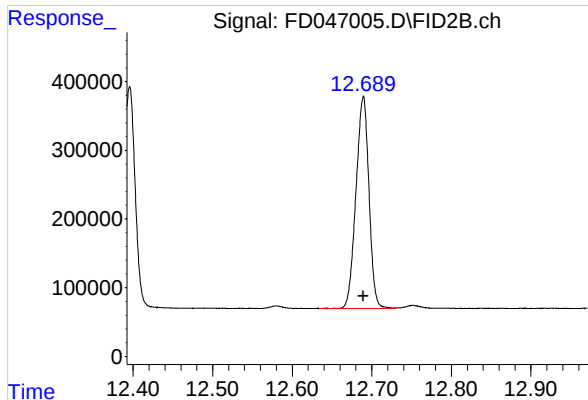
#11 ortho-Terphenyl (SURR)

R.T.: 11.365 min
Delta R.T.: 0.000 min
Response: 4416360
Conc: 22.19 ug/ml



#12 Fluoranthene (C21.85)

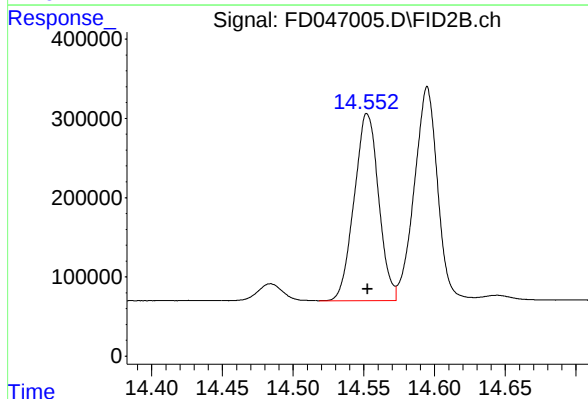
R.T.: 12.395 min
Delta R.T.: 0.000 min
Response: 3602325
Conc: 22.73 ug/ml



#13 Pyrene (C20.8)

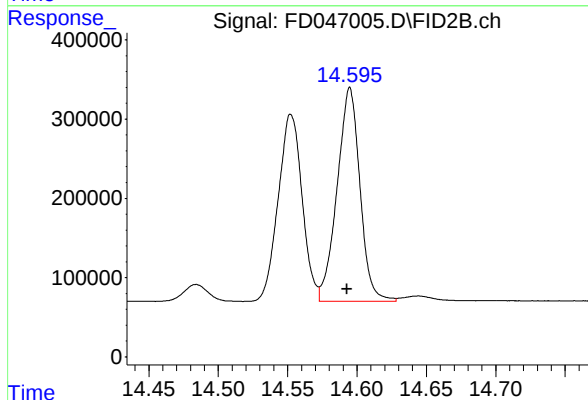
R.T.: 12.689 min
Delta R.T.: 0.000 min
Response: 3503176
Conc: 22.90 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



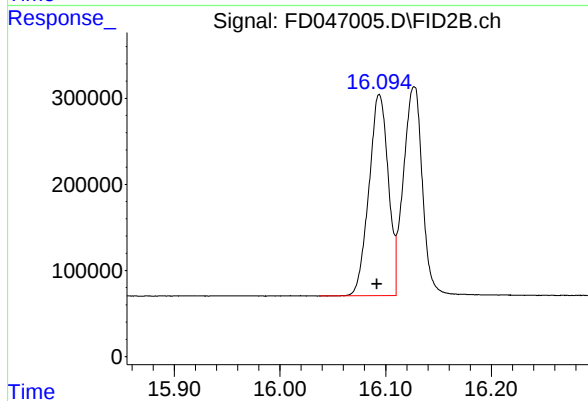
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.000 min
Response: 2835850
Conc: 21.87 ug/ml



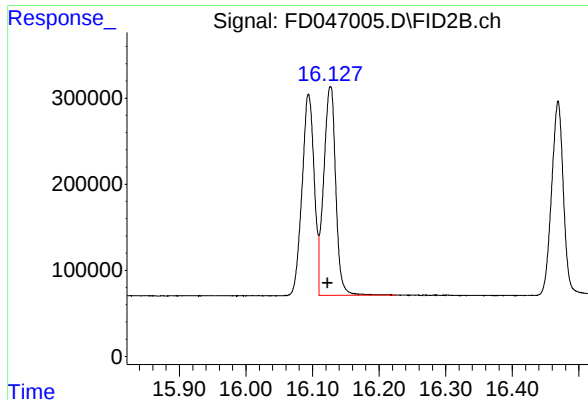
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.002 min
Response: 3090842
Conc: 21.56 ug/ml



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

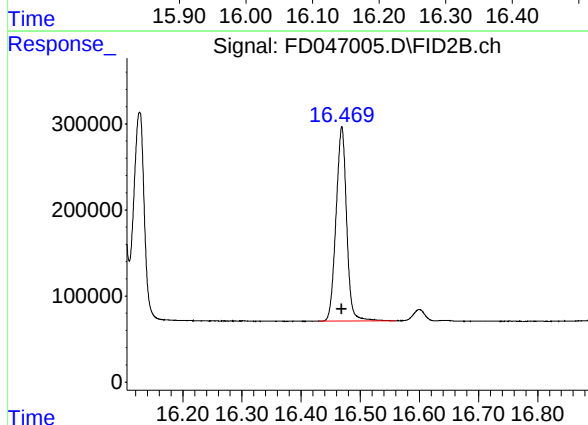
R.T.: 16.094 min
Delta R.T.: 0.002 min
Response: 2971176
Conc: 22.24 ug/ml



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

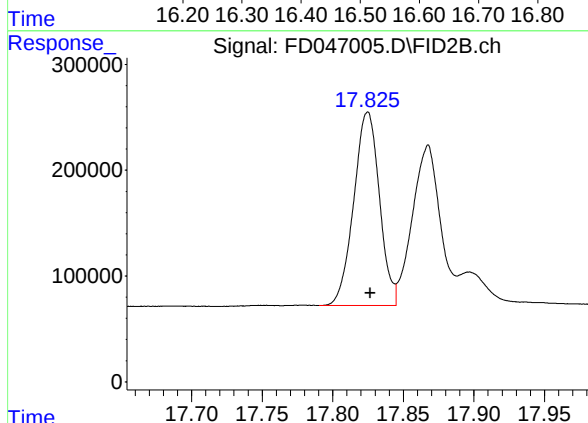
R.T.: 16.127 min
Delta R.T.: 0.004 min
Response: 3055189
Conc: 22.36 ug/ml

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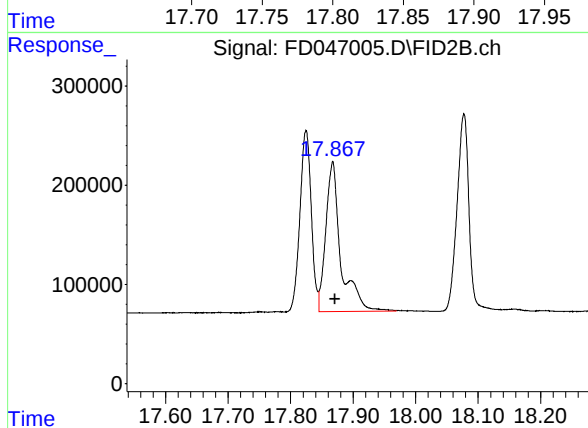
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: 0.000 min
Response: 2804717
Conc: 21.41 ug/ml



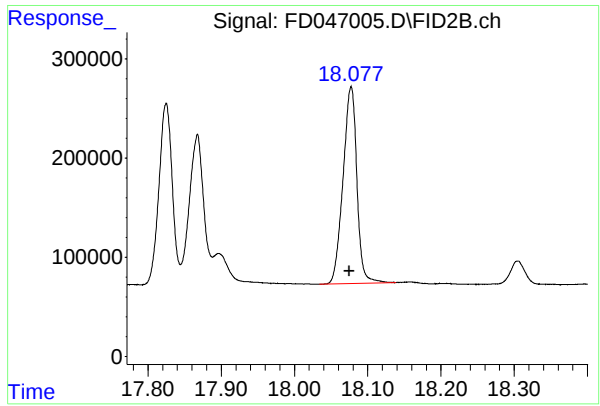
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.825 min
Delta R.T.: -0.002 min
Response: 2311081
Conc: 19.37 ug/ml



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

R.T.: 17.867 min
Delta R.T.: -0.004 min
Response: 2529506
Conc: 19.47 ug/ml m



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

R.T.: 18.077 min
Delta R.T.: 0.003 min
Response: 2605452
Conc: 19.91 ug/ml

Instrument :

FID_D

ClientSampleId :

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