

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052325AR\
 Data File : FD049385.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 08:31
 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: May 24 03:00:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 2025
 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...	7.737	2798001	23.598 ug/ml
Spiked Amount 50.000		Recovery =	47.20%
6) S 2-Fluorobiphenyl (SURR)	8.603	1916444	24.267 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.53%
11) S ortho-Terphenyl (SURR)	11.648	3362110	24.359 ug/ml
Spiked Amount 50.000		Recovery =	48.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2715067	21.745 ug/ml
2) T Naphthalene (C11.7)	6.072	2976043	22.511 ug/ml
3) T 2-Methylnaphthalene (...)	7.126	3016496	23.383 ug/ml
5) T Acenaphthylene (C15.06)	8.406	3224489	22.842 ug/ml
7) T Acenaphthene (C15.5)	8.702	3209075	23.422 ug/ml
8) T Fluorene (C16.55)	9.483	3277343	24.078 ug/ml
9) T Phenanthrene (C19.36)	10.882	3173469	23.538 ug/ml
10) T Anthracene (C19.43)	10.955	2375253	20.083 ug/ml
12) T Fluoranthene (C21.85)	12.695	3073434	22.806 ug/ml
13) T Pyrene (C20.8)	12.994	3024592	22.359 ug/ml
14) T Benzo[a]anthracene (C...	14.864	2518455	21.987 ug/ml
15) T Chrysene (C27.41)	14.907	2616696	22.420 ug/ml
16) T benzo[b]fluoranthene ...	16.416	2577220	21.232 ug/ml
17) T Bnezo[k]fluoranthene ...	16.447	2491403	20.890 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	2256612	19.625 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2174696	19.816 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	2634072	24.940 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	2351037	19.728 ug/ml

(f)=RT Delta > 1/2 Window

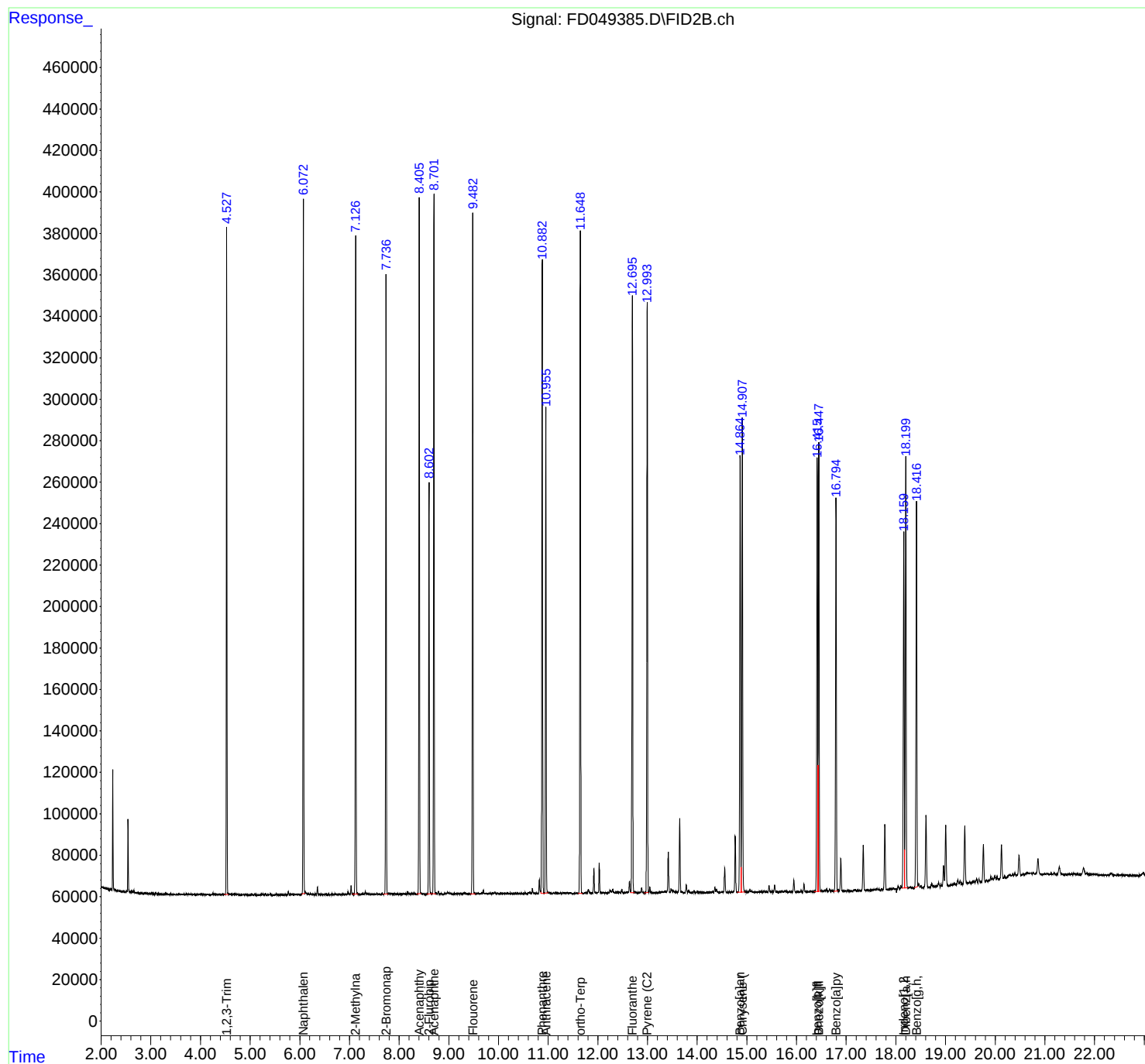
(m)=manual int.

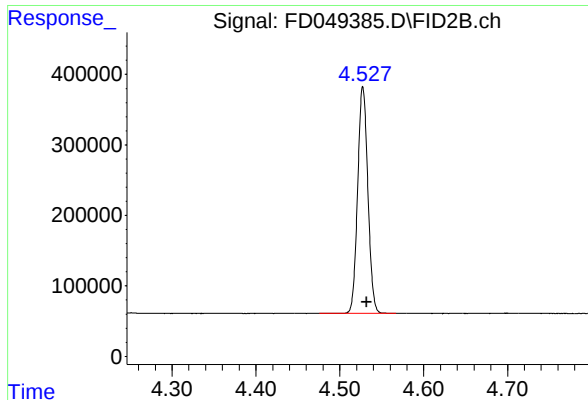
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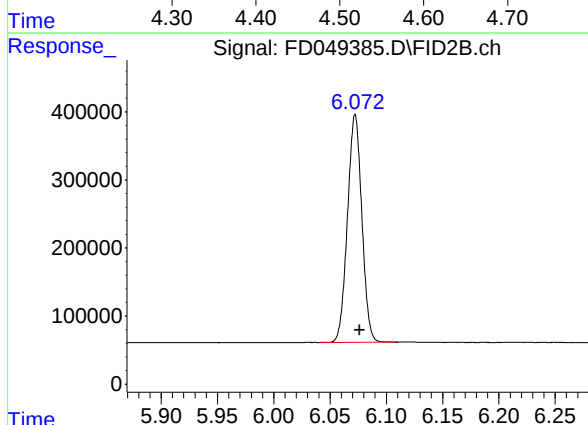




#1 1,2,3-Trimethylbenzene (C10.1)

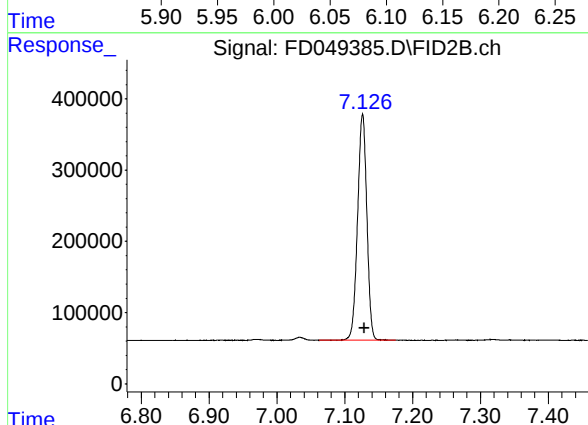
R.T.: 4.528 min
Delta R.T.: -0.004 min
Response: 2715067
Conc: 21.75 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



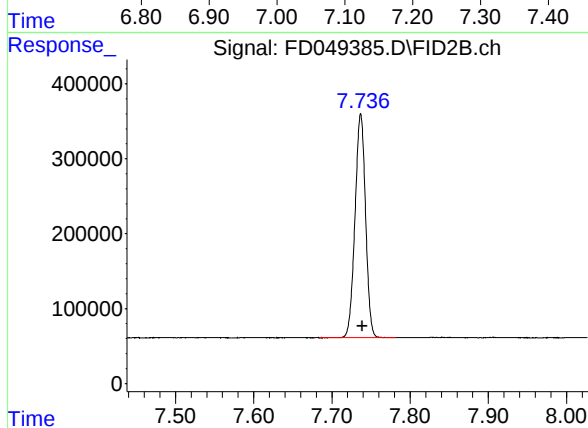
#2 Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 2976043
Conc: 22.51 ug/ml



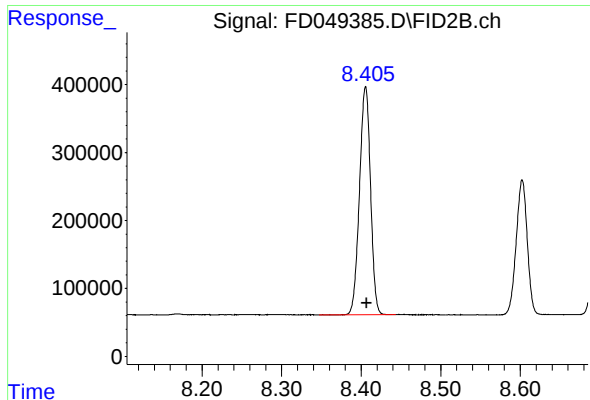
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: -0.002 min
Response: 3016496
Conc: 23.38 ug/ml



#4 2-Bromonaphthalene (SURR)

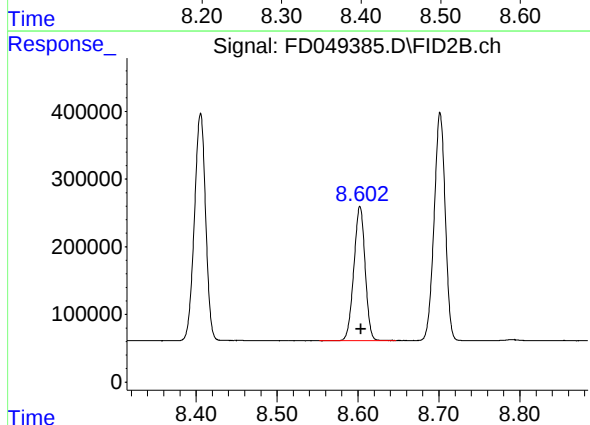
R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 2798001
Conc: 23.60 ug/ml



#5 Acenaphthylene (C15.06)

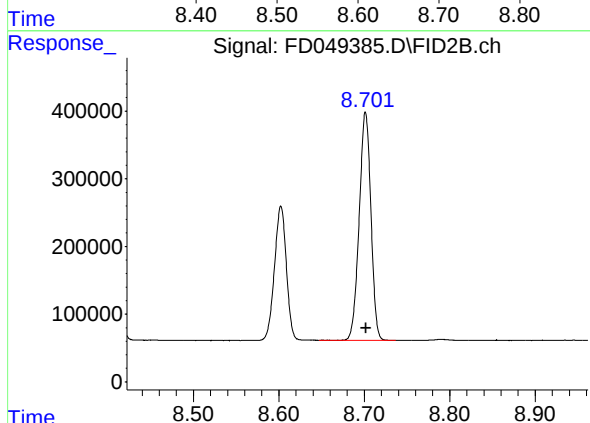
R.T.: 8.406 min
Delta R.T.: -0.001 min
Response: 3224489
Conc: 22.84 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



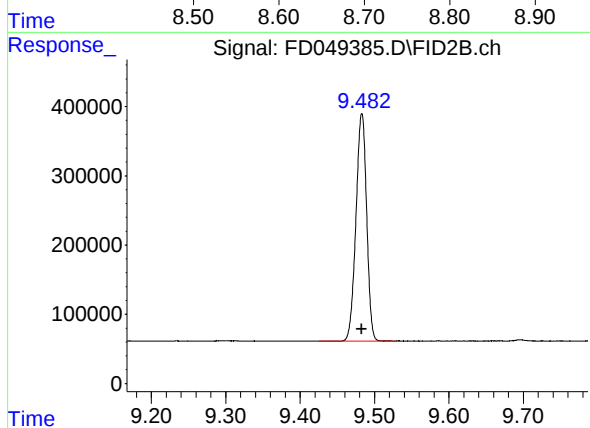
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.603 min
Delta R.T.: -0.001 min
Response: 1916444
Conc: 24.27 ug/ml



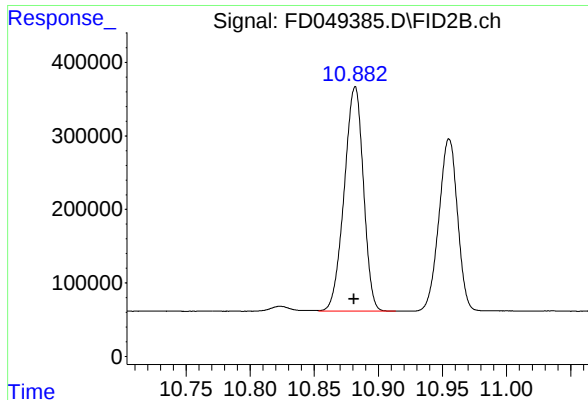
#7 Acenaphthene (C15.5)

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 3209075
Conc: 23.42 ug/ml



#8 Flouorene (C16.55)

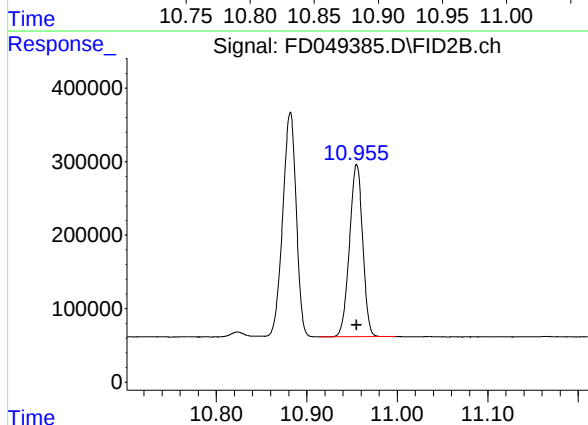
R.T.: 9.483 min
Delta R.T.: 0.000 min
Response: 3277343
Conc: 24.08 ug/ml



#9 Phenanthrene (C19.36)

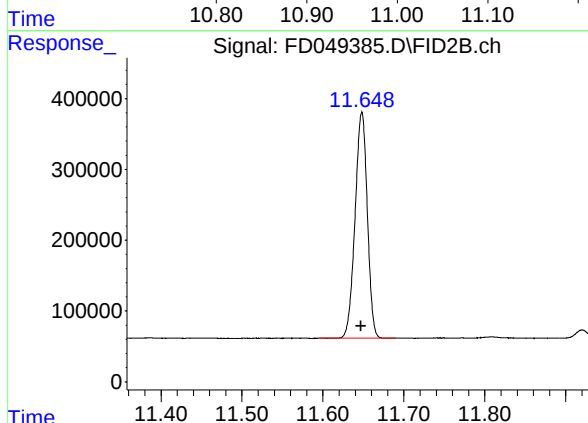
R.T.: 10.882 min
Delta R.T.: 0.000 min
Response: 3173469
Conc: 23.54 ug/ml

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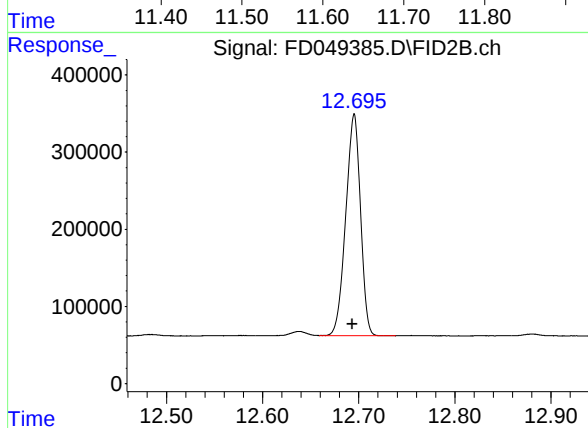
#10 Anthracene (C19.43)

R.T.: 10.955 min
Delta R.T.: 0.000 min
Response: 2375253
Conc: 20.08 ug/ml



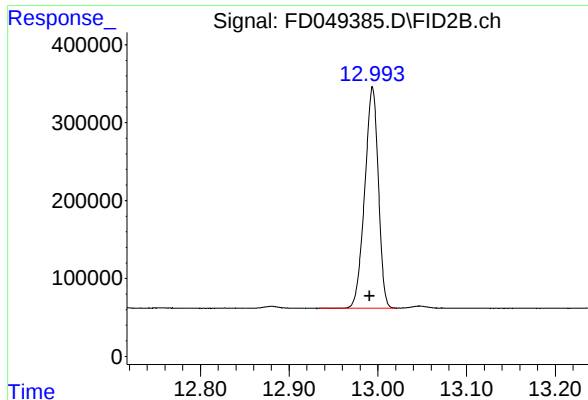
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.001 min
Response: 3362110
Conc: 24.36 ug/ml



#12 Fluoranthene (C21.85)

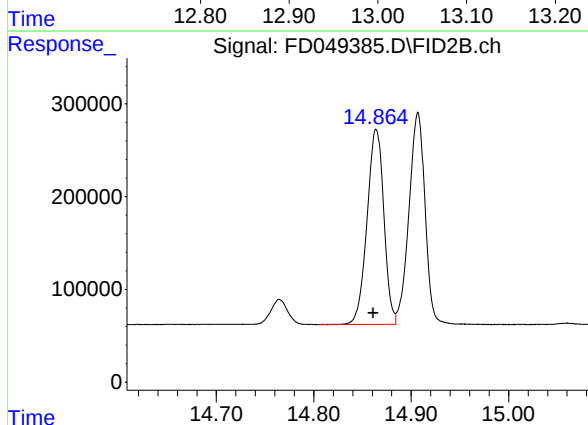
R.T.: 12.695 min
Delta R.T.: 0.002 min
Response: 3073434
Conc: 22.81 ug/ml



#13 Pyrene (C20.8)

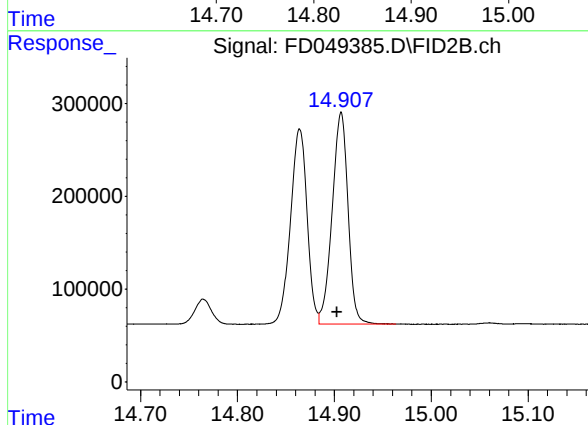
R.T.: 12.994 min
Delta R.T.: 0.003 min
Response: 3024592
Conc: 22.36 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



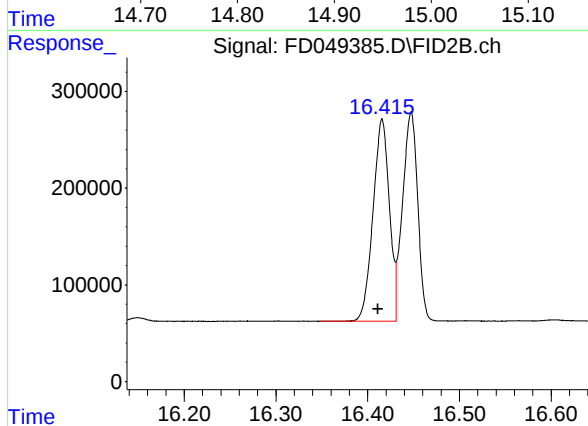
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.864 min
Delta R.T.: 0.003 min
Response: 2518455
Conc: 21.99 ug/ml



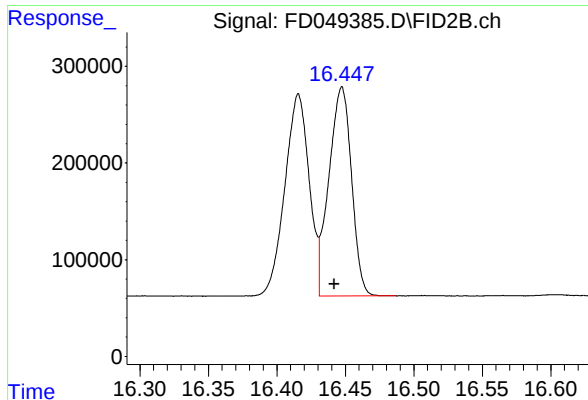
#15 Chrysene (C27.41)

R.T.: 14.907 min
Delta R.T.: 0.004 min
Response: 2616696
Conc: 22.42 ug/ml



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

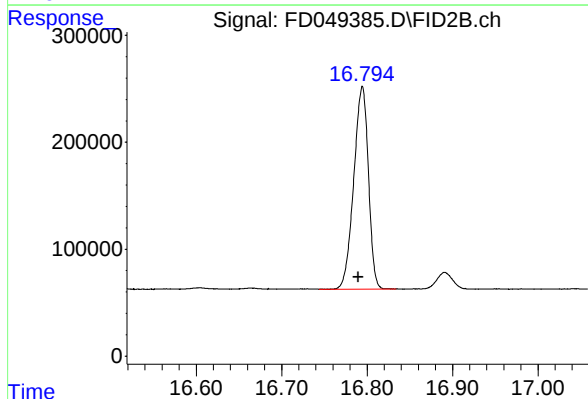
R.T.: 16.416 min
Delta R.T.: 0.005 min
Response: 2577220
Conc: 21.23 ug/ml



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

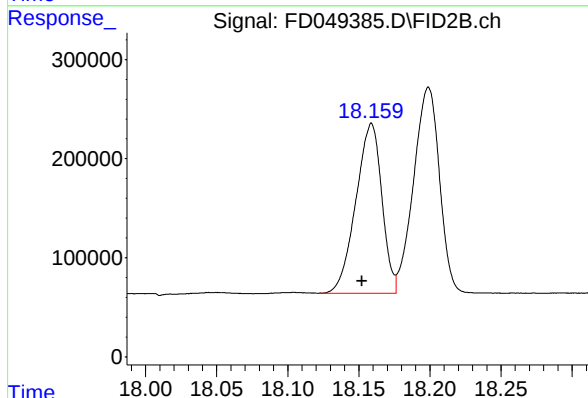
R.T.: 16.447 min
Delta R.T.: 0.005 min
Response: 2491403
Conc: 20.89 ug/ml

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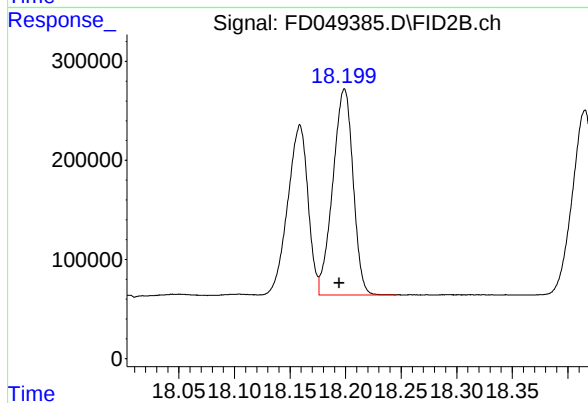
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.794 min
Delta R.T.: 0.005 min
Response: 2256612
Conc: 19.63 ug/ml



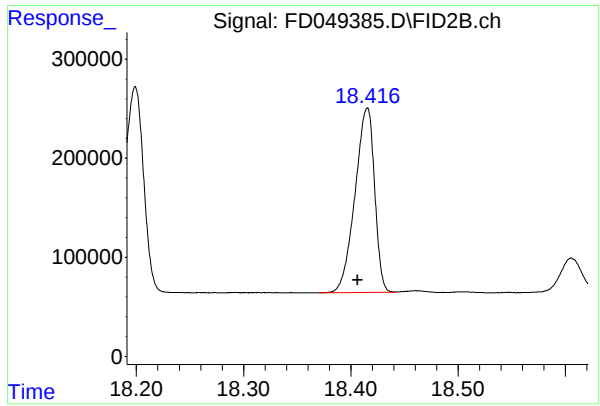
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.159 min
Delta R.T.: 0.007 min
Response: 2174696
Conc: 19.82 ug/ml



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

R.T.: 18.199 min
Delta R.T.: 0.005 min
Response: 2634072
Conc: 24.94 ug/ml



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

R.T.: 18.415 min
Delta R.T.: 0.009 min
Response: 2351037
Conc: 19.73 ug/ml

Instrument :

FID_D

ClientSampleId :

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