

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040224AR\
 Data File : FD047475.D
 Signal(s) : FID2B.ch
 Acq On : 01 Apr 2024 14:10
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 01 15:30:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 15:25:49 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...	7.463	7426848	49.877 ug/ml
Spiked Amount 50.000		Recovery =	99.75%
6) S 2-Fluorobiphenyl (SURR)	8.317	4937516	50.012 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.02%
11) S ortho-Terphenyl (SURR)	11.354	8397226	49.673 ug/ml
Spiked Amount 50.000		Recovery =	99.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	7777872	49.864 ug/ml
2) T Naphthalene (C11.7)	5.803	8136426	49.863 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	8200896	49.882 ug/ml
5) T Acenaphthylene (C15.06)	8.121	7461858	49.793 ug/ml
7) T Acenaphthene (C15.5)	8.417	7919744	49.847 ug/ml
8) T Flouorene (C16.55)	9.194	7713546	49.906 ug/ml
9) T Phenanthrene (C19.36)	10.584	7427540	49.636 ug/ml
10) T Anthracene (C19.43)	10.659	6818995	49.684 ug/ml
12) T Fluoranthene (C21.85)	12.388	7291278	49.562 ug/ml
13) T Pyrene (C20.8)	12.683	7091362	49.522 ug/ml
14) T Benzo[a]anthracene (C...	14.548	6536037	49.569 ug/ml
15) T Chrysene (C27.41)	14.592	6876122	49.472 ug/ml
16) T benzo[b]fluoranthene ...	16.094	6859303	49.406 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	6793794	49.609 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	6754555	49.538 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	6767237	49.425 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	6579275	49.842 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	6824875	49.597 ug/ml

(f)=RT Delta > 1/2 Window

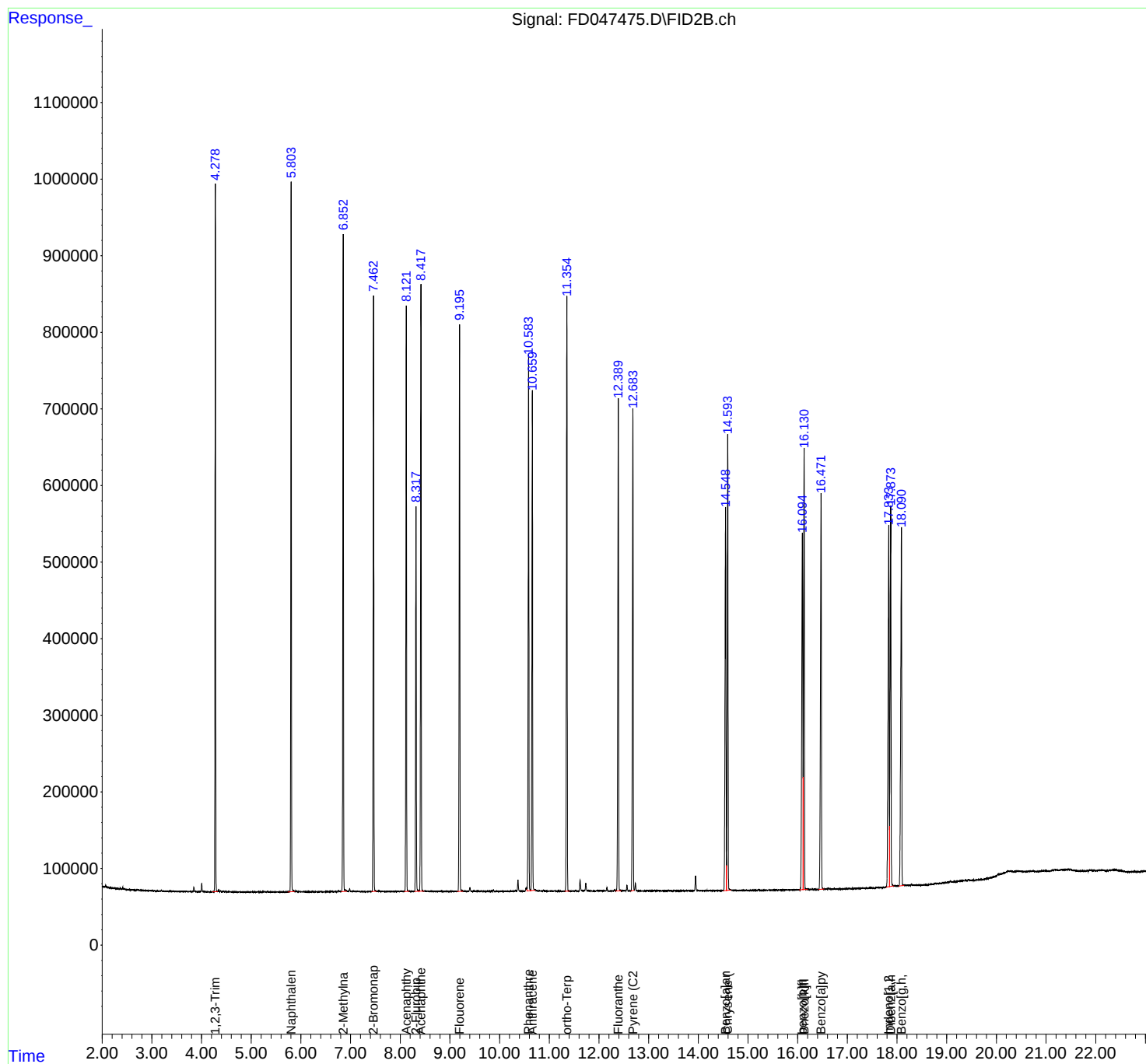
(m)=manual int.

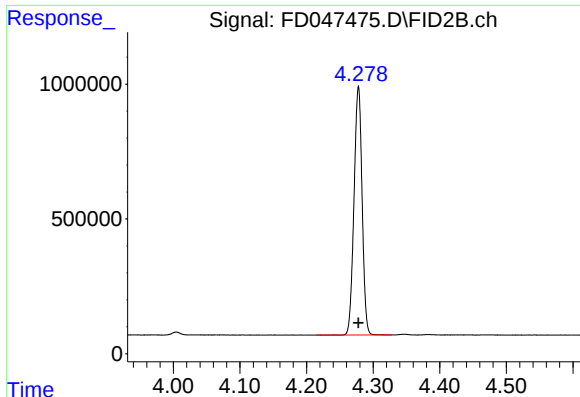
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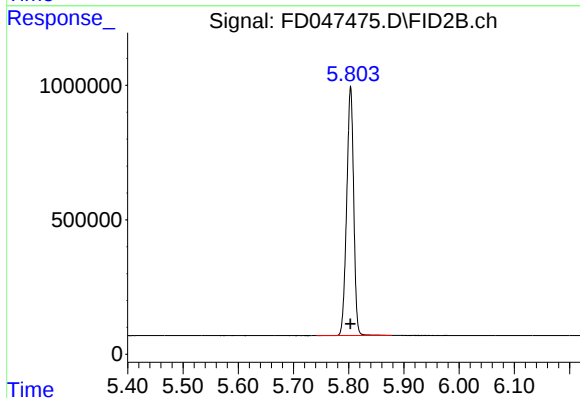




#1 1,2,3-Trimethylbenzene (C10.1)

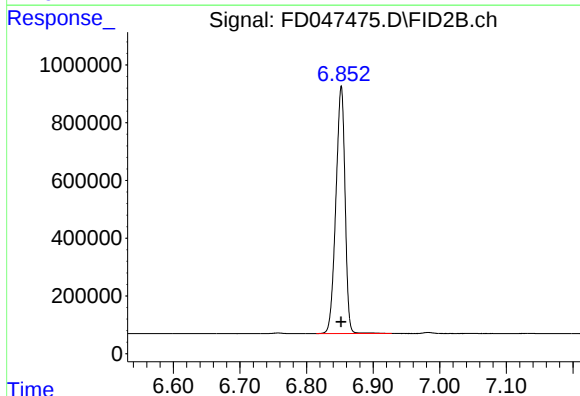
R.T.: 4.278 min
Delta R.T.: 0.000 min
Response: 7777872
Conc: 49.86 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



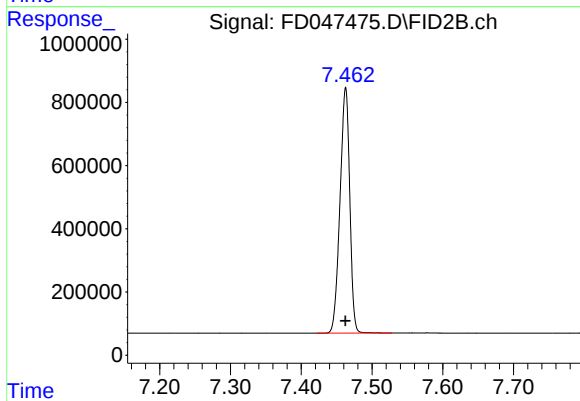
#2 Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 8136426
Conc: 49.86 ug/ml



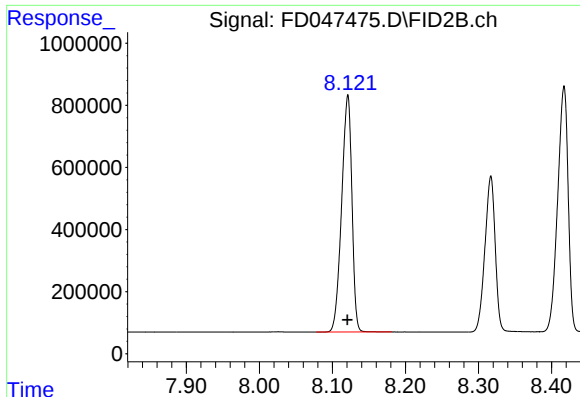
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 8200896
Conc: 49.88 ug/ml



#4 2-Bromonaphthalene (SURR)

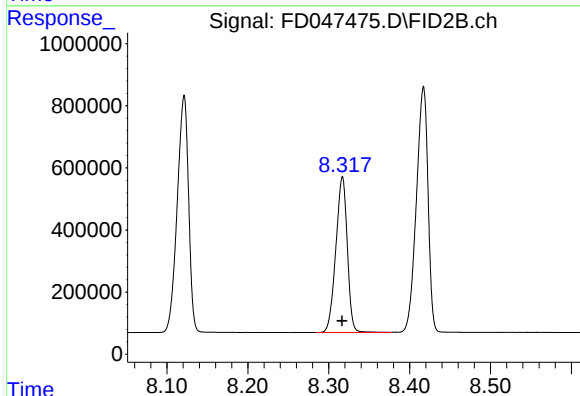
R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 7426848
Conc: 49.88 ug/ml



#5 Acenaphthylene (C15.06)

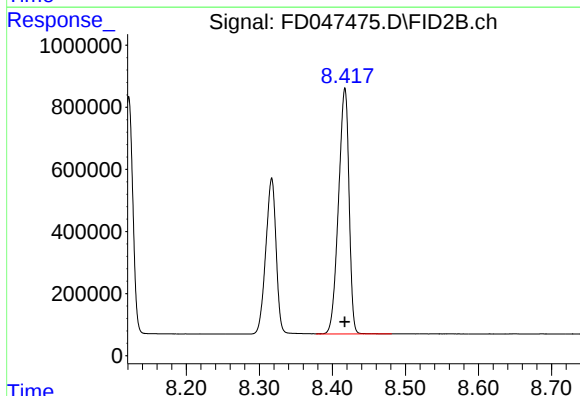
R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 7461858
Conc: 49.79 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



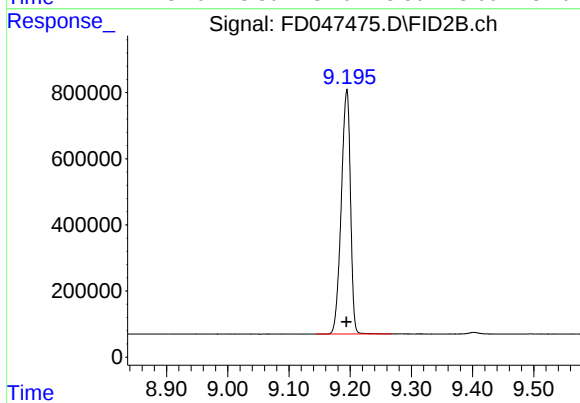
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: 0.000 min
Response: 4937516
Conc: 50.01 ug/ml



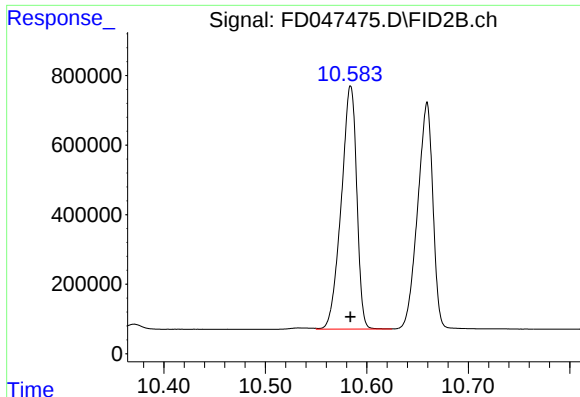
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 7919744
Conc: 49.85 ug/ml



#8 Fluorene (C16.55)

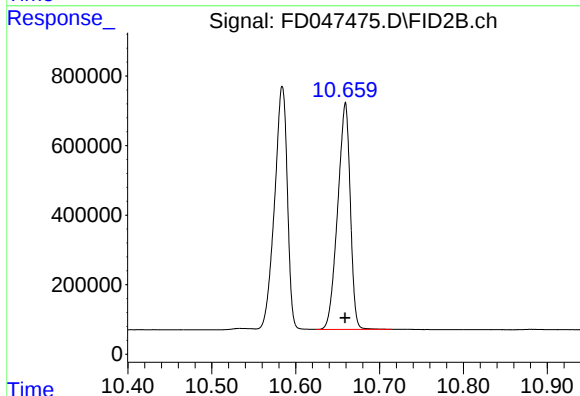
R.T.: 9.194 min
Delta R.T.: 0.000 min
Response: 7713546
Conc: 49.91 ug/ml



#9 Phenanthrene (C19.36)

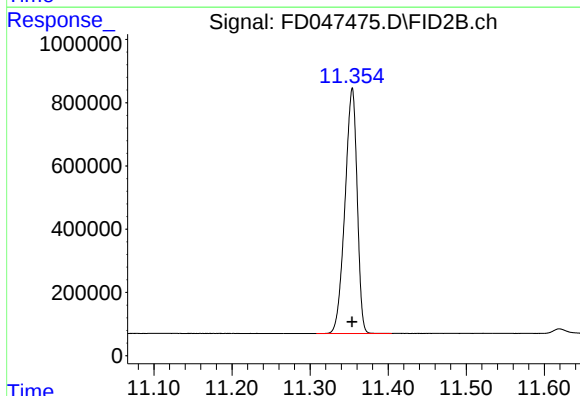
R.T.: 10.584 min
Delta R.T.: 0.000 min
Response: 7427540
Conc: 49.64 ug/ml

Instrument :
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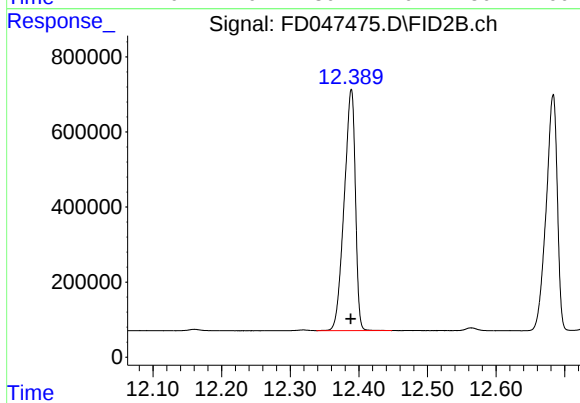
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.000 min
Response: 6818995
Conc: 49.68 ug/ml



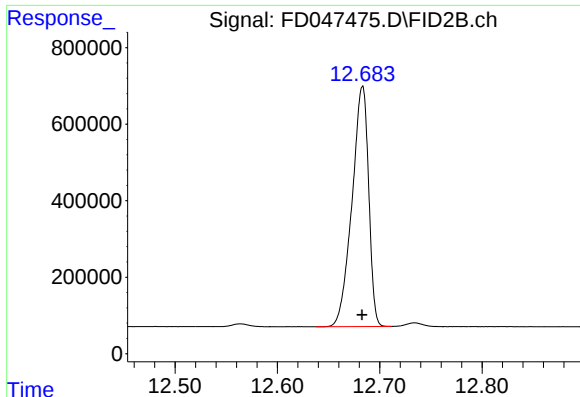
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 8397226
Conc: 49.67 ug/ml



#12 Fluoranthene (C21.85)

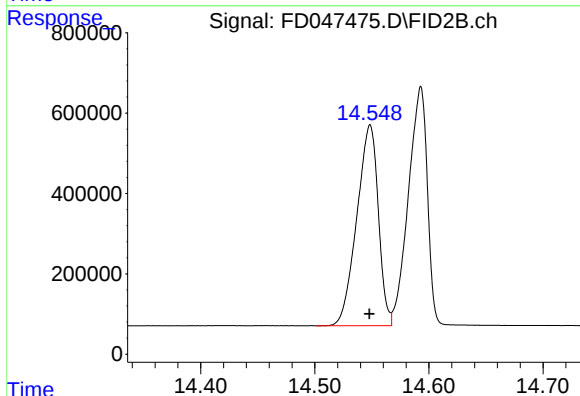
R.T.: 12.388 min
Delta R.T.: 0.000 min
Response: 7291278
Conc: 49.56 ug/ml



#13 Pyrene (C20.8)

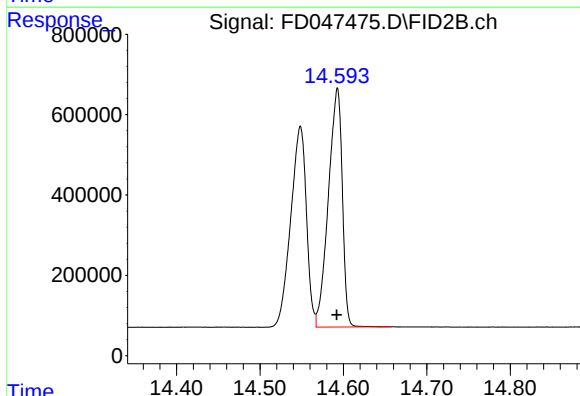
R.T.: 12.683 min
Delta R.T.: 0.000 min
Response: 7091362
Conc: 49.52 ug/ml

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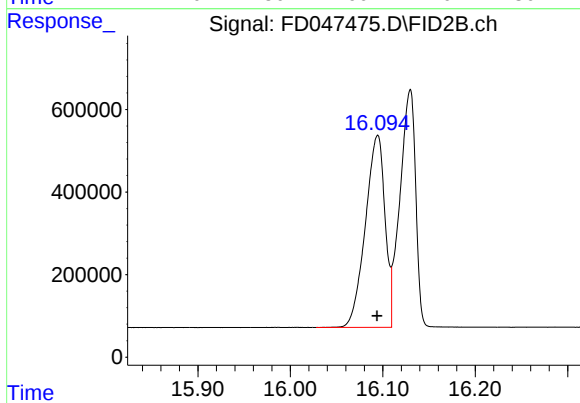
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.548 min
Delta R.T.: 0.000 min
Response: 6536037
Conc: 49.57 ug/ml



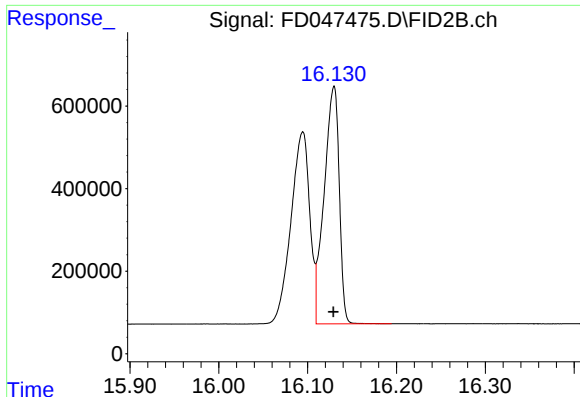
#15 Chrysene (C27.41)

R.T.: 14.592 min
Delta R.T.: 0.000 min
Response: 6876122
Conc: 49.47 ug/ml



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

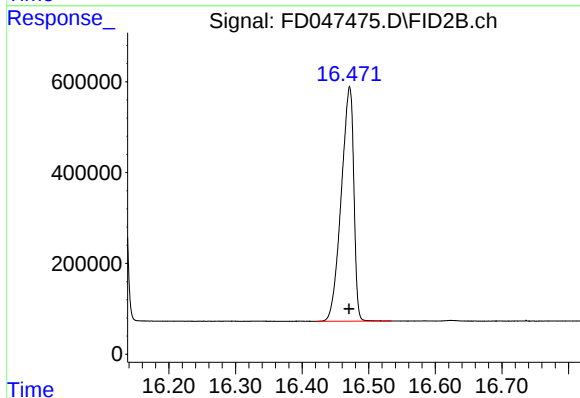
R.T.: 16.094 min
Delta R.T.: 0.000 min
Response: 6859303
Conc: 49.41 ug/ml



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

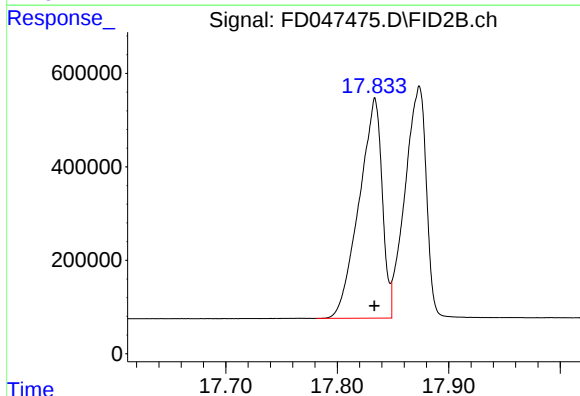
R.T.: 16.129 min
Delta R.T.: 0.000 min
Response: 6793794
Conc: 49.61 ug/ml

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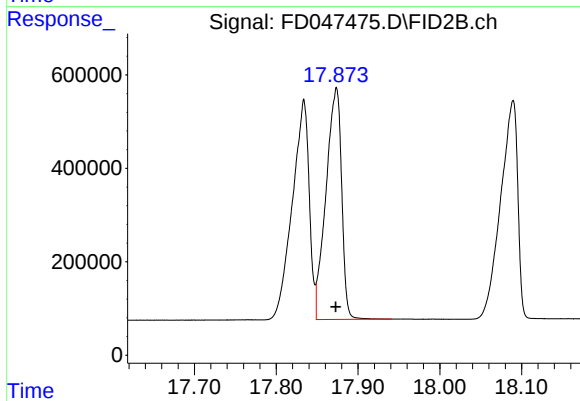
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min
Delta R.T.: 0.000 min
Response: 6754555
Conc: 49.54 ug/ml



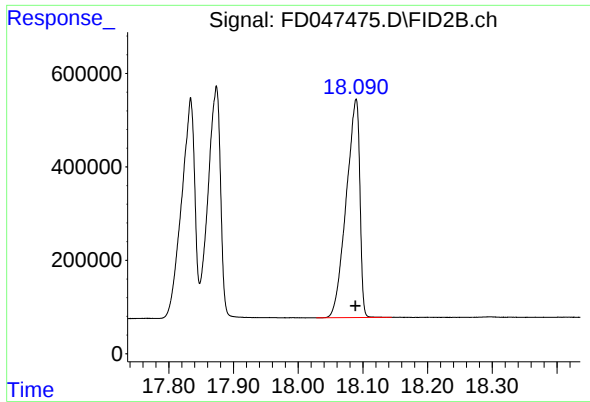
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: 0.000 min
Response: 6767237
Conc: 49.43 ug/ml



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

R.T.: 17.873 min
Delta R.T.: 0.000 min
Response: 6579275
Conc: 49.84 ug/ml



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

R.T.: 18.088 min
Delta R.T.: 0.000 min
Response: 6824875
Conc: 49.60 ug/ml

Instrument :
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