

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110824AR\
 Data File : FD048678.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 19:21
 Operator : YP/AJ
 Sample : P4718-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WB-307-SB01MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/11/2024

Supervised By :Ankita Jodhani 11/11/2024

Integration File: sample.E
 Quant Time: Nov 09 01:08:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.370	9027188	59.476 ug/ml
Spiked Amount 50.000		Recovery =	118.95%
6) S 2-Fluorobiphenyl (SURR)	8.220	5282948	53.802 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.60%
11) S ortho-Terphenyl (SURR)	11.254	5816816	34.148 ug/mlm
Spiked Amount 50.000		Recovery =	68.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.192	6498263	37.352 ug/mlm
2) T Naphthalene (C11.7)	5.710	7326787	41.062 ug/ml
3) T 2-Methylnaphthalene (...)	6.757	7157942	40.019 ug/ml
5) T Acenaphthylene (C15.06)	8.023	8244470	46.953 ug/ml
7) T Acenaphthene (C15.5)	8.319	8808345	49.663 ug/ml
8) T Flouorene (C16.55)	9.097	8677332	51.334 ug/ml
9) T Phenanthrene (C19.36)	10.484	8717052	52.733 ug/ml
10) T Anthracene (C19.43)	10.559	8688054	54.331 ug/ml
12) T Fluoranthene (C21.85)	12.291	8702831	52.880 ug/mlm
13) T Pyrene (C20.8)	12.582	8665077	53.794 ug/ml
14) T Benzo[a]anthracene (C...	14.452	8120307	55.537 ug/mlm
15) T Chrysene (C27.41)	14.495	8113083	49.322 ug/ml
16) T benzo[b]fluoranthene ...	16.000	8271984	54.411 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	8054797	53.590 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	7909563	52.557 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	8260670	63.311 ug/ml
20) T Dibenz[a,h]anthracene...	17.780	7803439	47.952 ug/ml
21) T Benzo[g,h,i]perylene ...	17.995	8015248	52.356 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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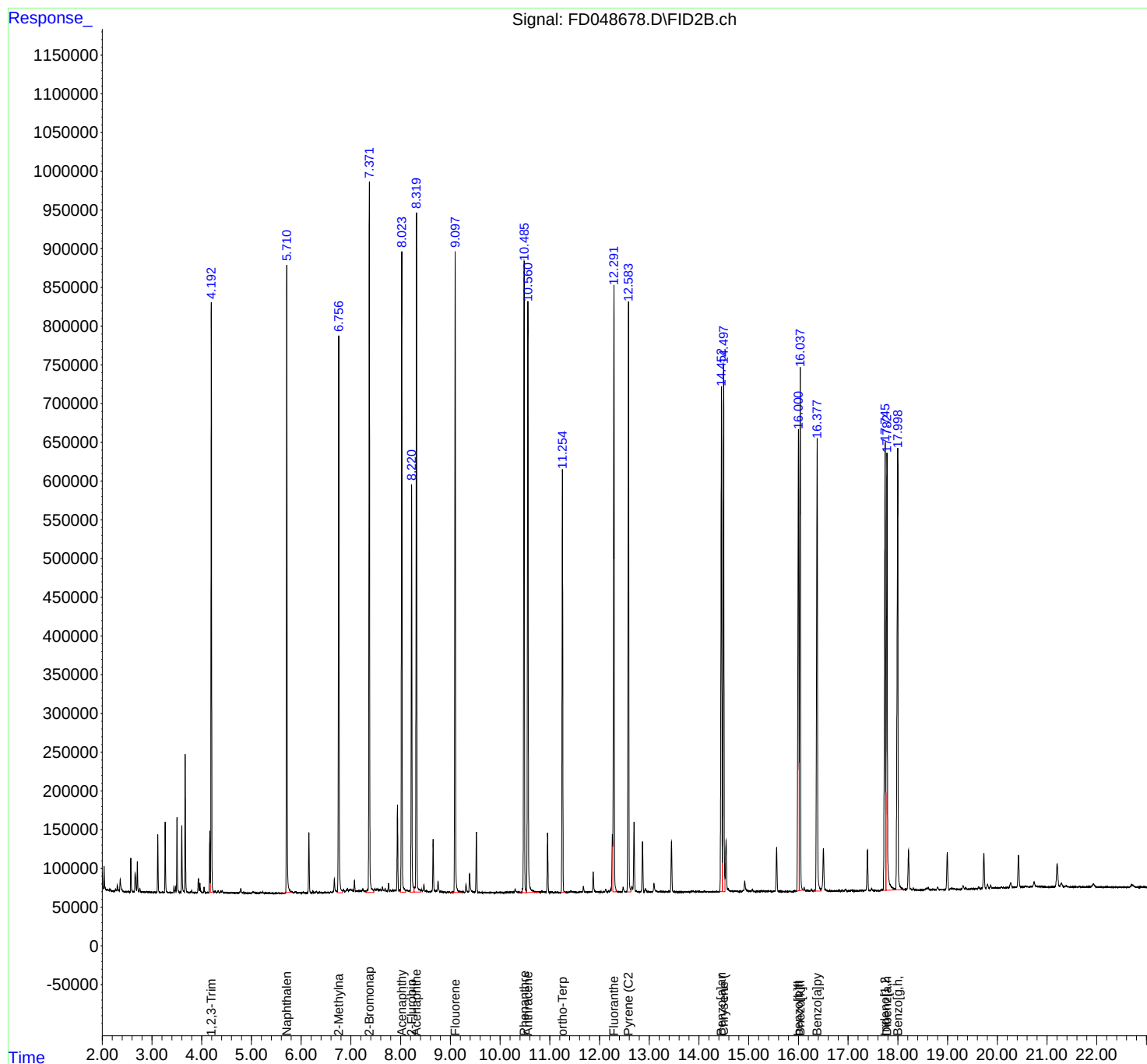
Instrument :
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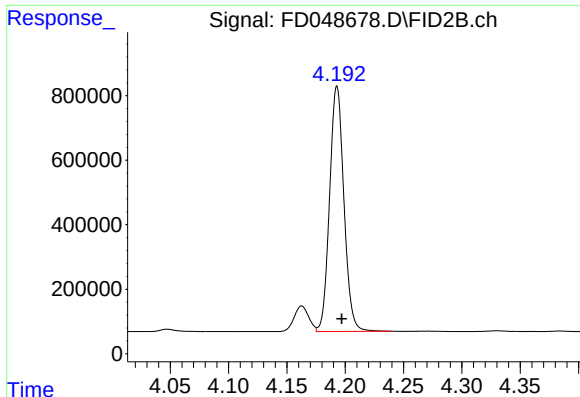
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.192 min
Delta R.T.: -0.005 min
Response: 6498263
Conc: 37.35 ug/ml

Instrument :

FID_D

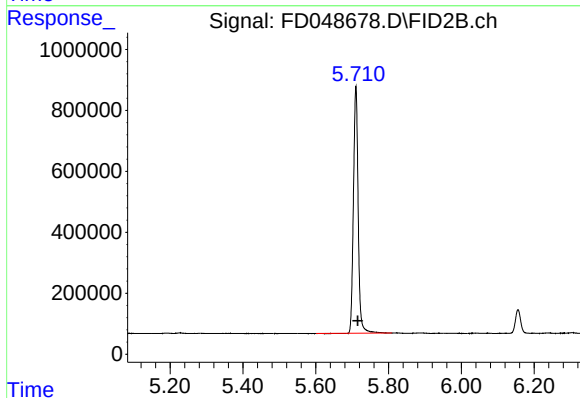
ClientSampleId :

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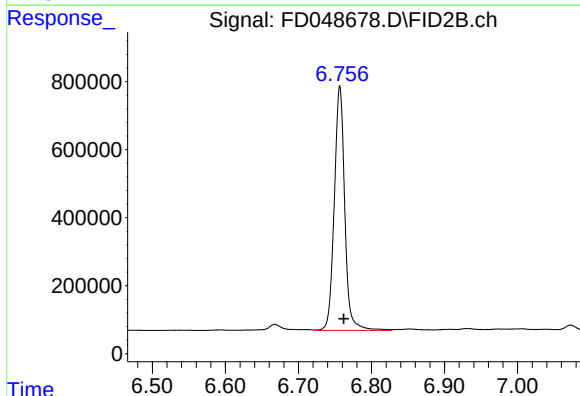
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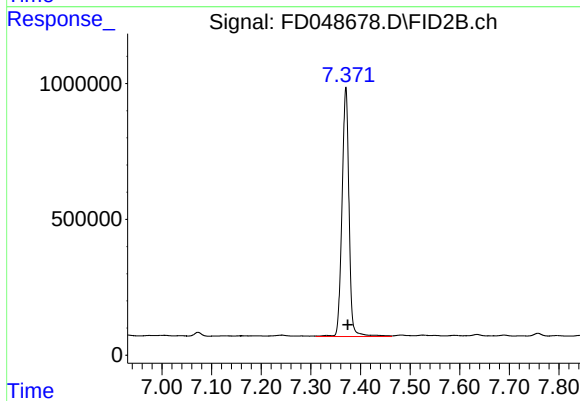
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.006 min
Response: 7326787
Conc: 41.06 ug/ml



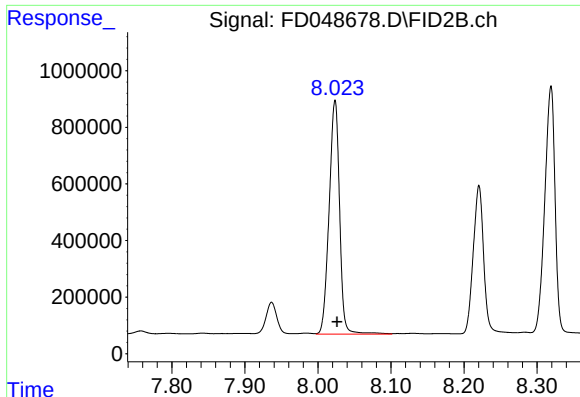
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.757 min
Delta R.T.: -0.005 min
Response: 7157942
Conc: 40.02 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.370 min
Delta R.T.: -0.004 min
Response: 9027188
Conc: 59.48 ug/ml



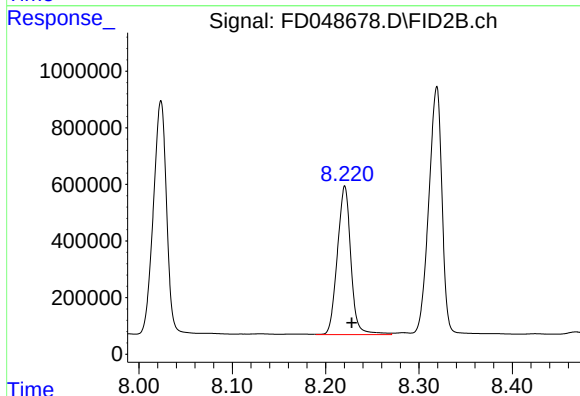
#5 Acenaphthylene (C15.06)

R.T.: 8.023 min
Delta R.T.: -0.003 min
Response: 8244470
Conc: 46.95 ug/ml

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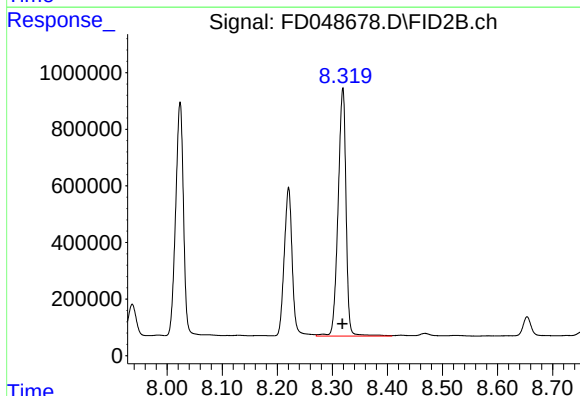
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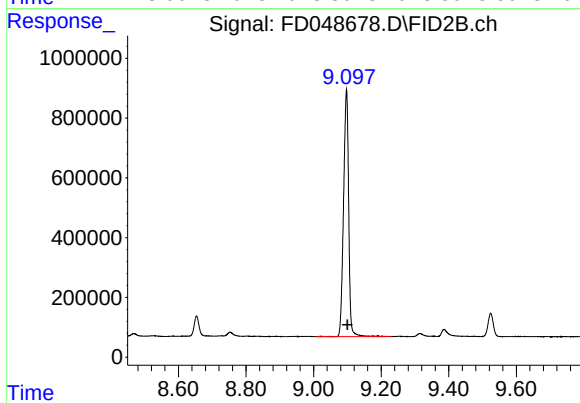
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min
Delta R.T.: -0.008 min
Response: 5282948
Conc: 53.80 ug/ml



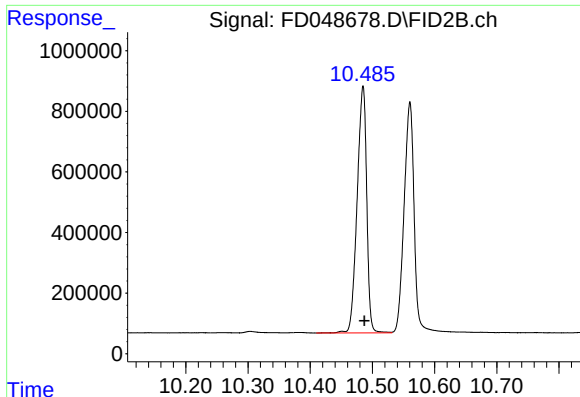
#7 Acenaphthene (C15.5)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 8808345
Conc: 49.66 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.097 min
Delta R.T.: -0.003 min
Response: 8677332
Conc: 51.33 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.484 min
Delta R.T.: -0.004 min
Response: 8717052
Conc: 52.73 ug/ml

Instrument :

FID_D

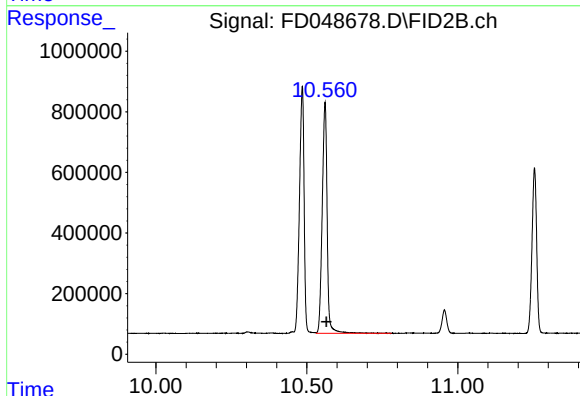
ClientSampleId :

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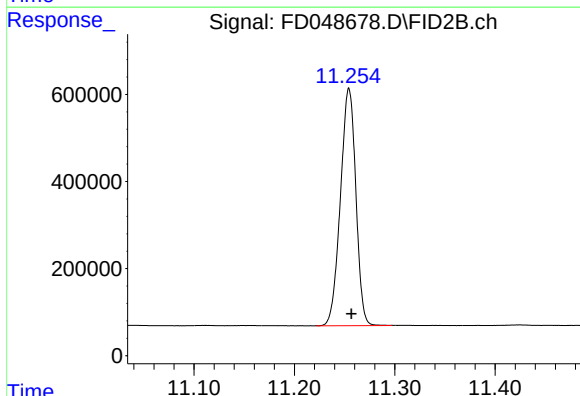
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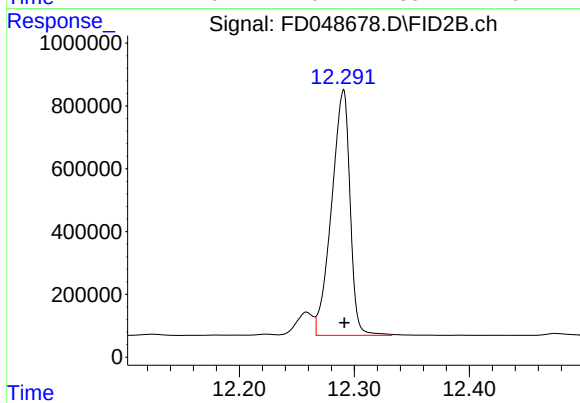
#10 Anthracene (C19.43)

R.T.: 10.559 min
Delta R.T.: -0.005 min
Response: 8688054
Conc: 54.33 ug/ml



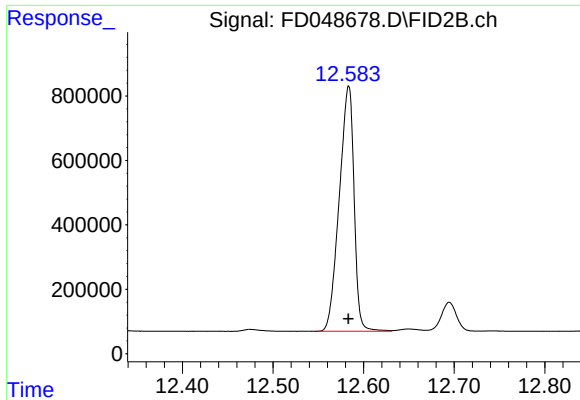
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: -0.003 min
Response: 5816816
Conc: 34.15 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.291 min
Delta R.T.: 0.000 min
Response: 8702831
Conc: 52.88 ug/ml m



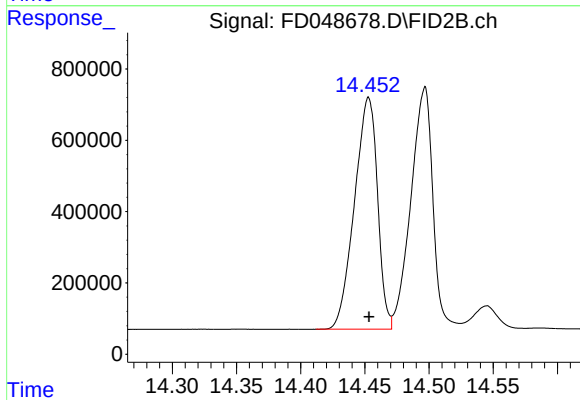
#13 Pyrene (C20.8)

R.T.: 12.582 min
Delta R.T.: -0.001 min
Response: 8665077
Conc: 53.79 ug/ml

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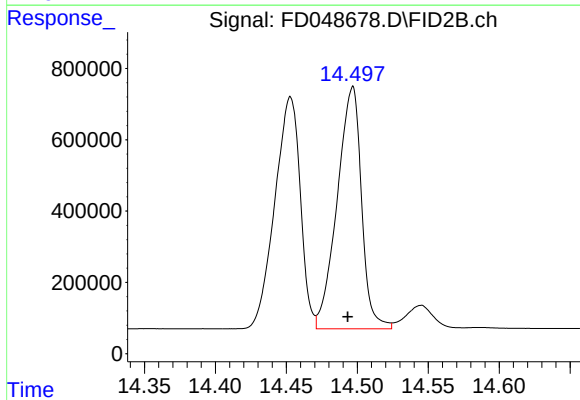
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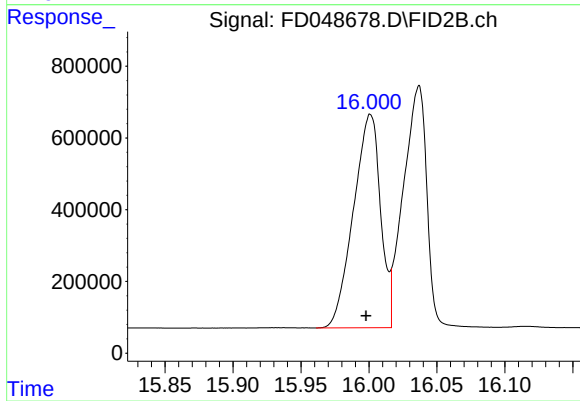
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.452 min
Delta R.T.: 0.000 min
Response: 8120307
Conc: 55.54 ug/ml m



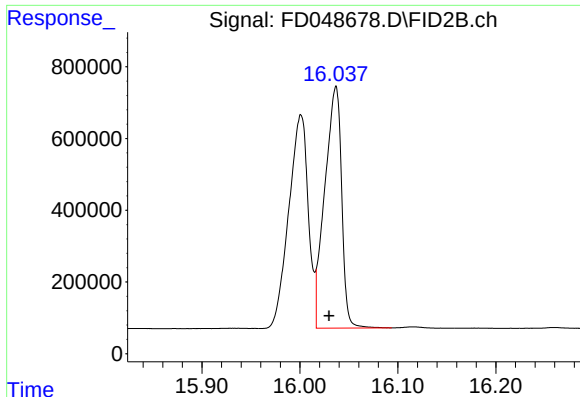
#15 Chrysene (C27.41)

R.T.: 14.495 min
Delta R.T.: 0.002 min
Response: 8113083
Conc: 49.32 ug/ml



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

R.T.: 16.000 min
Delta R.T.: 0.002 min
Response: 8271984
Conc: 54.41 ug/ml



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

R.T.: 16.035 min
Delta R.T.: 0.005 min
Response: 8054797
Conc: 53.59 ug/ml

Instrument :

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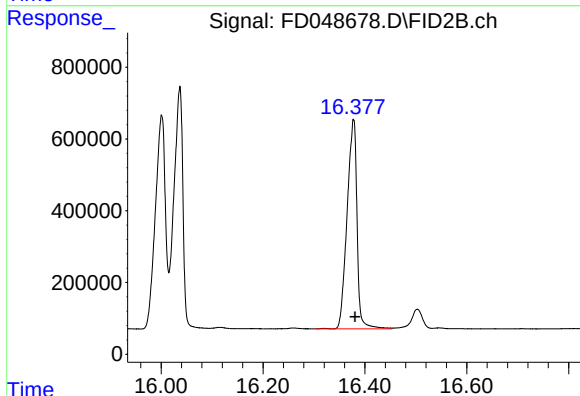
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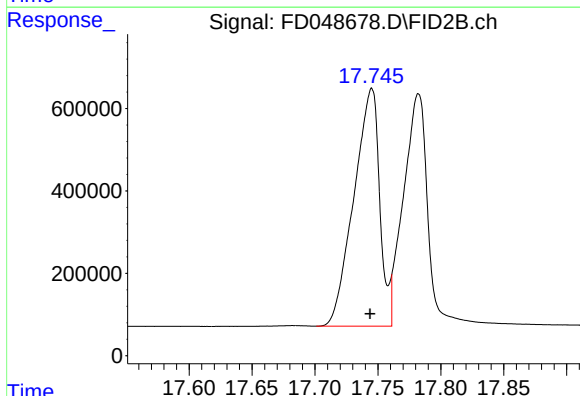
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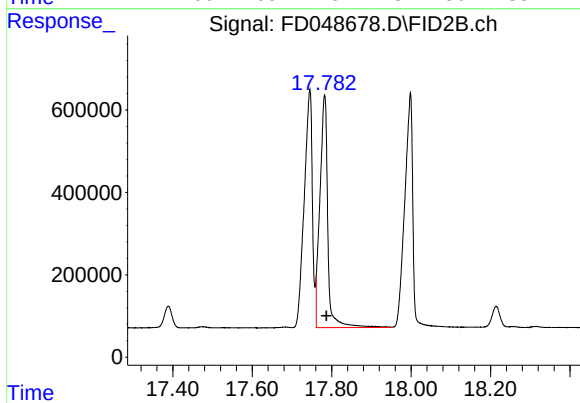
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.376 min
Delta R.T.: -0.005 min
Response: 7909563
Conc: 52.56 ug/ml



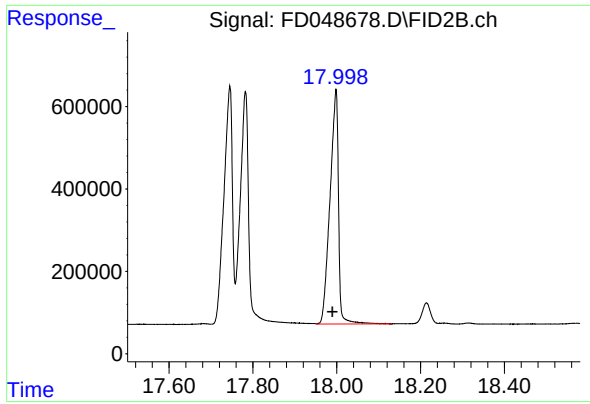
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: -0.001 min
Response: 8260670
Conc: 63.31 ug/ml



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

R.T.: 17.780 min
Delta R.T.: -0.006 min
Response: 7803439
Conc: 47.95 ug/ml



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

R.T.: 17.995 min
Delta R.T.: 0.006 min
Response: 8015248
Conc: 52.36 ug/ml

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