

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110824AR\
 Data File : FD048674.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 16:55
 Operator : YP/AJ
 Sample : PB164790BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164790BS

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 01:07:22 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...	7.369	6793337	44.758 ug/ml
Spiked Amount 50.000		Recovery =	89.52%
6) S 2-Fluorobiphenyl (SURR)	8.219	3413584	34.764 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.53%
11) S ortho-Terphenyl (SURR)	11.255	6379432	37.451 ug/ml
Spiked Amount 50.000		Recovery =	74.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.191	3958170	22.752 ug/mlm
2) T Naphthalene (C11.7)	5.708	4709623	26.394 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	4709799	26.332 ug/ml
5) T Acenaphthylene (C15.06)	8.021	5586729	31.817 ug/ml
7) T Acenaphthene (C15.5)	8.316	5764691	32.502 ug/ml
8) T Flouorene (C16.55)	9.094	5897494	34.889 ug/ml
9) T Phenanthrene (C19.36)	10.482	6029876	36.477 ug/ml
10) T Anthracene (C19.43)	10.558	6099948	38.146 ug/ml
12) T Fluoranthene (C21.85)	12.287	6307650	38.326 ug/mlm
13) T Pyrene (C20.8)	12.580	6214680	38.582 ug/ml
14) T Benzo[a]anthracene (C...	14.450	5847438	39.992 ug/ml
15) T Chrysene (C27.41)	14.492	5925473	36.023 ug/ml
16) T benzo[b]fluoranthene ...	15.998	5976532	39.312 ug/ml
17) T Bnezo[k]fluoranthene ...	16.031	5956234	39.628 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	5746993	38.187 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.739	5620185	43.074 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	5776617	35.497 ug/ml
21) T Benzo[g,h,i]perylene ...	17.991	5749712	37.557 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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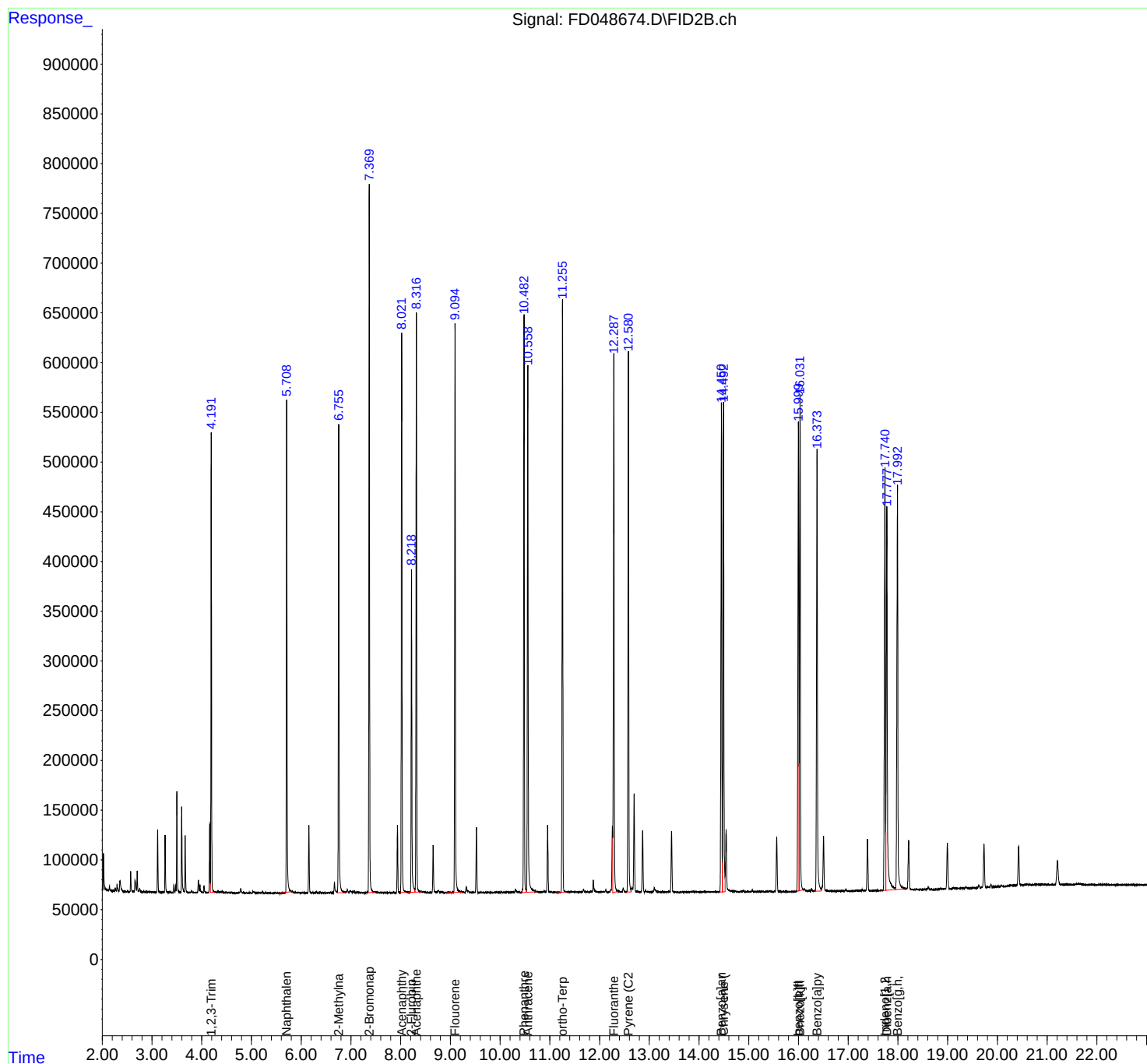
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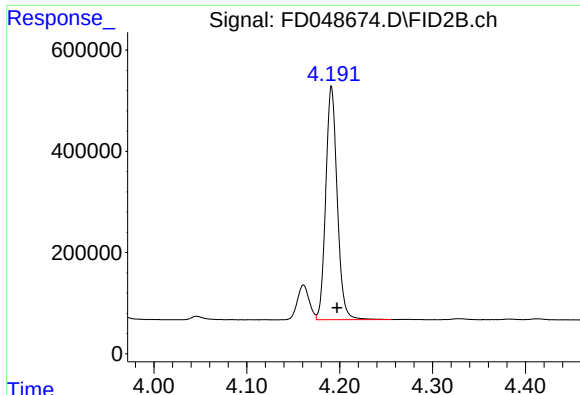
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.191 min
Delta R.T.: -0.006 min
Response: 3958170
Conc: 22.75 ug/ml

Instrument :

FID_D

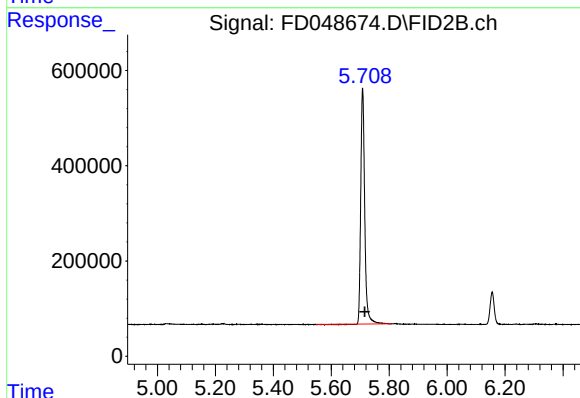
ClientSampleId :

PB164790BS

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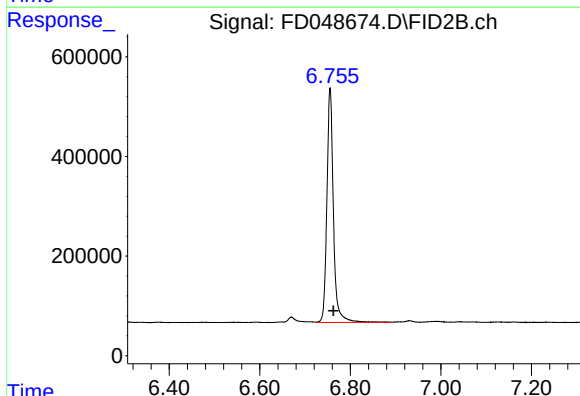
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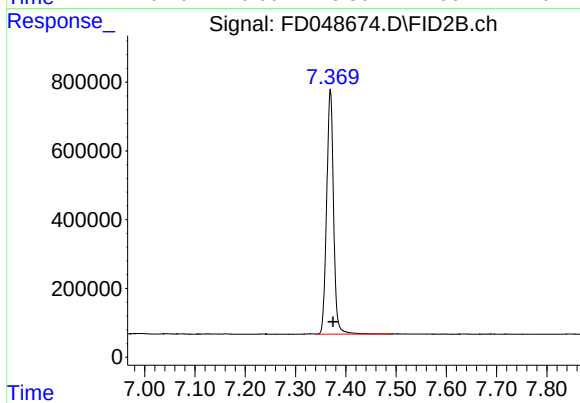
#2 Naphthalene (C11.7)

R.T.: 5.708 min
Delta R.T.: -0.007 min
Response: 4709623
Conc: 26.39 ug/ml



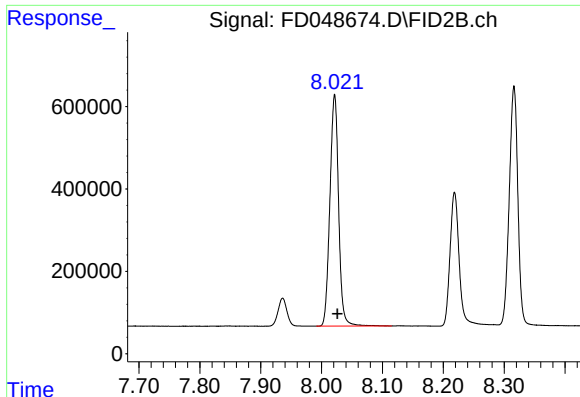
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: -0.007 min
Response: 4709799
Conc: 26.33 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.369 min
Delta R.T.: -0.005 min
Response: 6793337
Conc: 44.76 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.021 min
Delta R.T.: -0.005 min
Response: 5586729
Conc: 31.82 ug/ml

Instrument :

FID_D

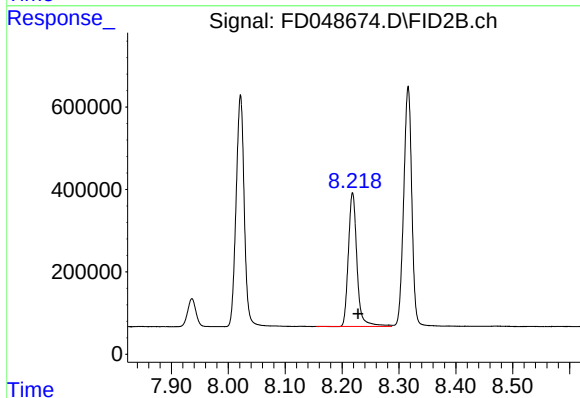
ClientSampleId :

PB164790BS

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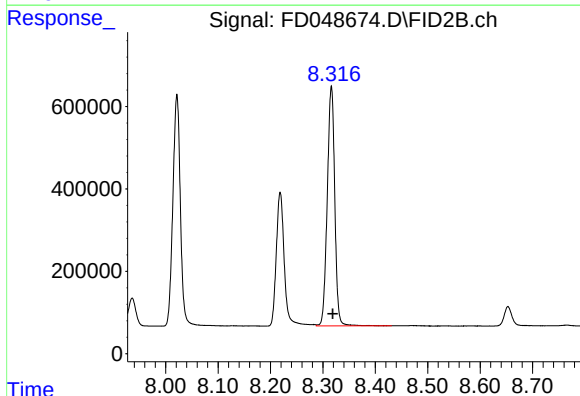
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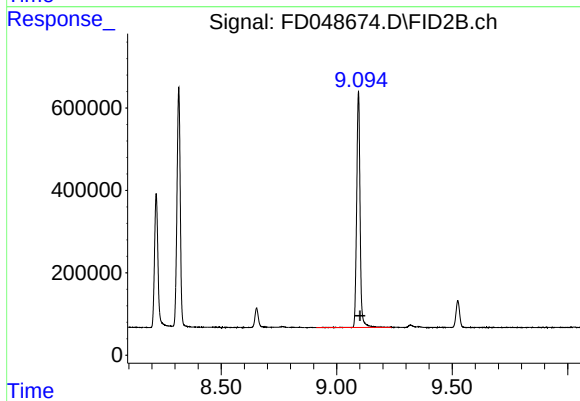
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.219 min
Delta R.T.: -0.010 min
Response: 3413584
Conc: 34.76 ug/ml



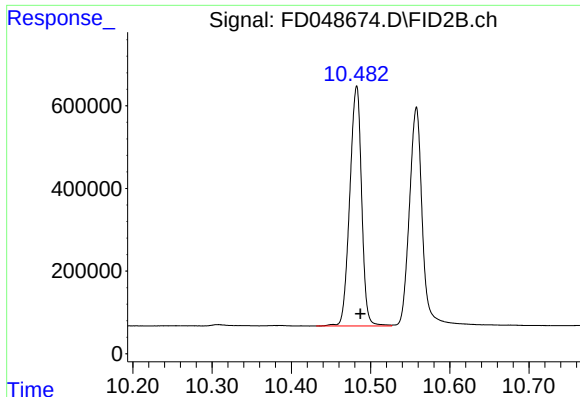
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 5764691
Conc: 32.50 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.094 min
Delta R.T.: -0.006 min
Response: 5897494
Conc: 34.89 ug/ml



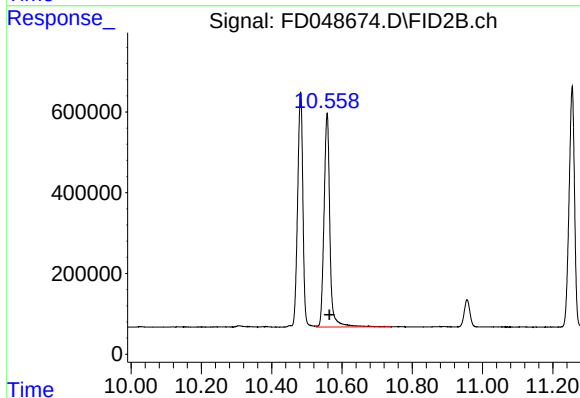
#9 Phenanthrene (C19.36)

R.T.: 10.482 min
Delta R.T.: -0.005 min
Response: 6029876
Conc: 36.48 ug/ml

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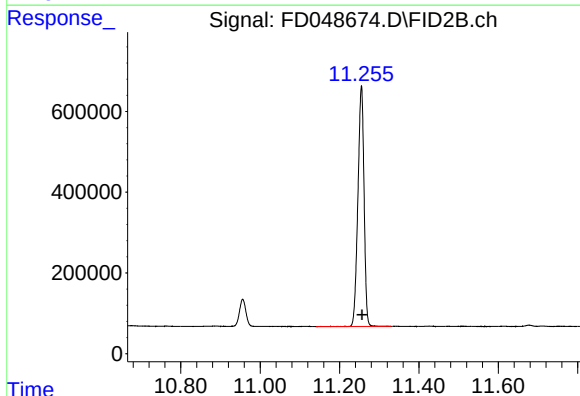
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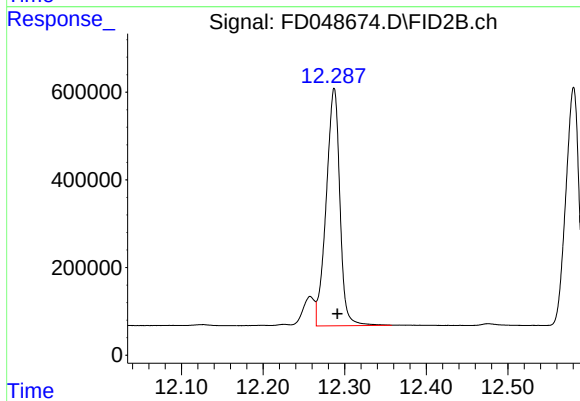
#10 Anthracene (C19.43)

R.T.: 10.558 min
Delta R.T.: -0.007 min
Response: 6099948
Conc: 38.15 ug/ml



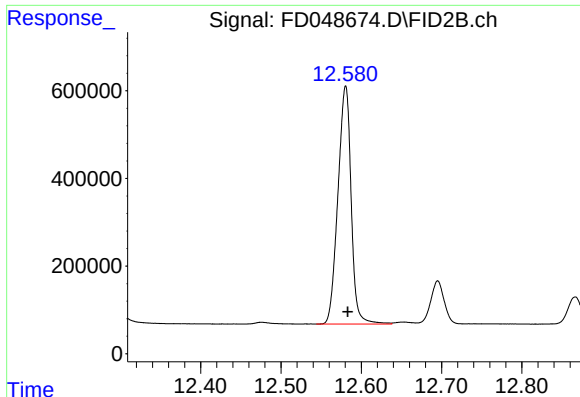
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min
Delta R.T.: -0.002 min
Response: 6379432
Conc: 37.45 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.287 min
Delta R.T.: -0.005 min
Response: 6307650
Conc: 38.33 ug/ml m



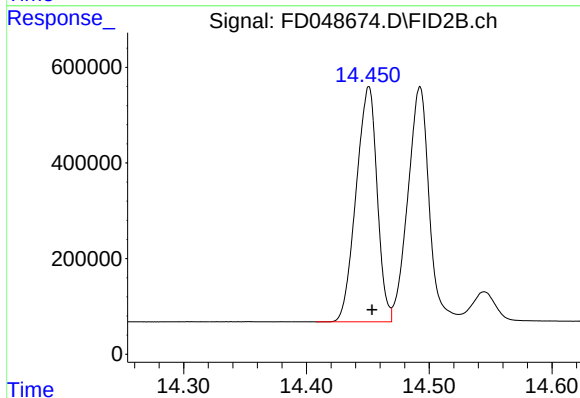
#13 Pyrene (C20.8)

R.T.: 12.580 min
Delta R.T.: -0.003 min
Response: 6214680
Conc: 38.58 ug/ml

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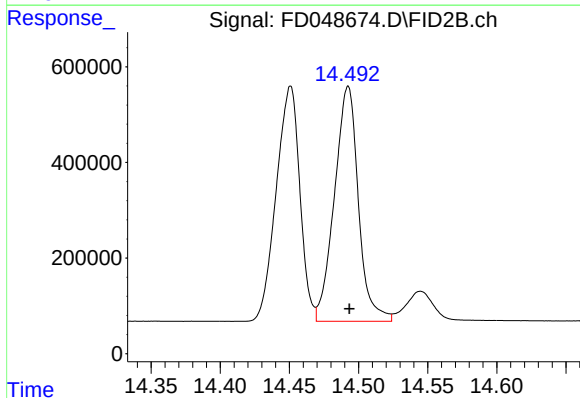
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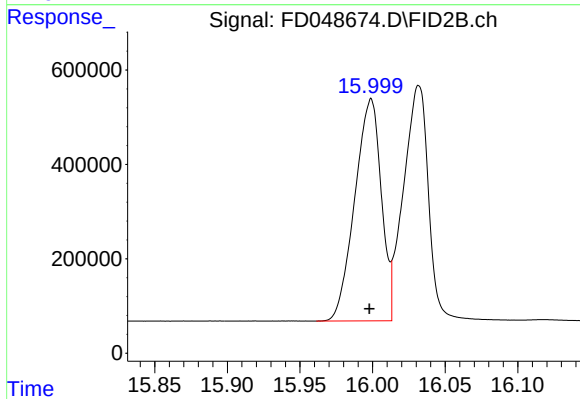
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: -0.003 min
Response: 5847438
Conc: 39.99 ug/ml



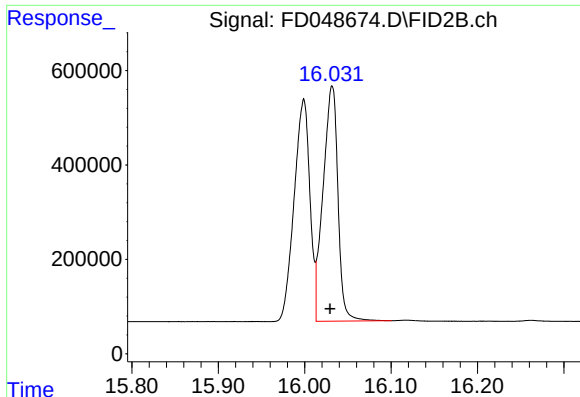
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: -0.001 min
Response: 5925473
Conc: 36.02 ug/ml



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

R.T.: 15.998 min
Delta R.T.: 0.000 min
Response: 5976532
Conc: 39.31 ug/ml



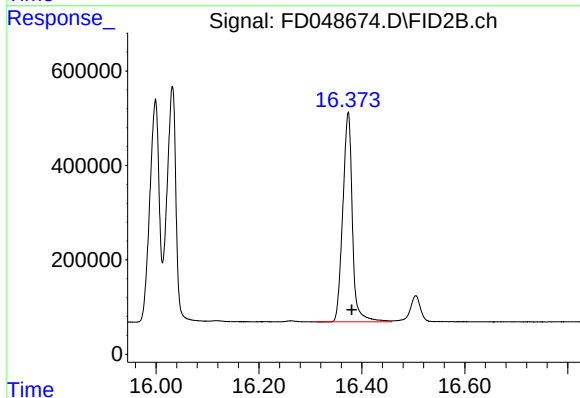
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.031 min
Delta R.T.: 0.002 min
Response: 5956234
Conc: 39.63 ug/ml

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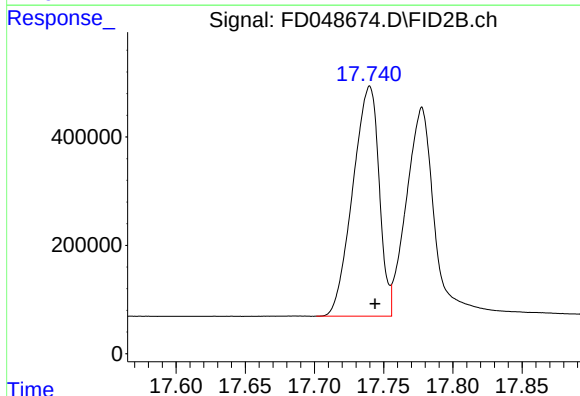
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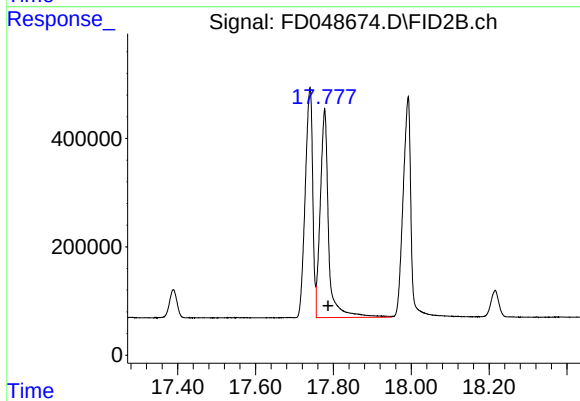
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: -0.007 min
Response: 5746993
Conc: 38.19 ug/ml



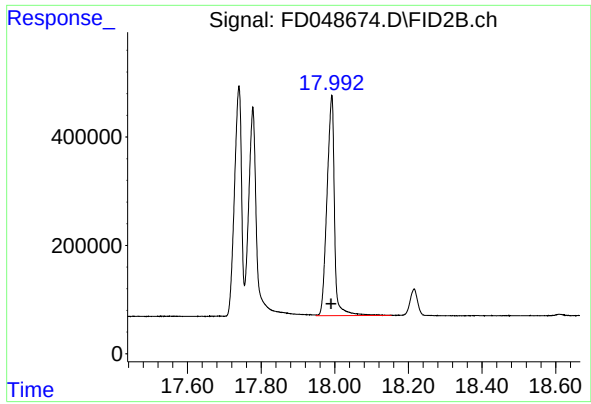
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.739 min
Delta R.T.: -0.004 min
Response: 5620185
Conc: 43.07 ug/ml



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

R.T.: 17.777 min
Delta R.T.: -0.009 min
Response: 5776617
Conc: 35.50 ug/ml



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

R.T.: 17.991 min
Delta R.T.: 0.001 min
Response: 5749712
Conc: 37.56 ug/ml

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