

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100325AR\
 Data File : FD049818.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2025 15:02
 Operator : YP/AJ
 Sample : PB169974BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB169974BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/06/2025

Supervised By :mohammad ahmed 10/07/2025

Integration File: autoint1.e

Quant Time: Oct 04 04:18:49 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M

Quant Title : GC Extractables

QLast Update : Thu Oct 02 17:50:17 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...	7.699	4722690	39.748 ug/ml
Spiked Amount 50.000		Recovery =	79.50%
6) S 2-Fluorobiphenyl (SURR)	8.564	3331675	39.242 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.48%
11) S ortho-Terphenyl (SURR)	11.613	6551704	43.887 ug/ml
Spiked Amount 50.000		Recovery =	87.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.490	3744574	32.950 ug/ml
2) T Naphthalene (C11.7)	6.033	4648378	35.232 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	4668001	33.738 ug/ml
5) T Acenaphthylene (C15.06)	8.368	5641699	38.614 ug/ml
7) T Acenaphthene (C15.5)	8.665	5710622	39.218 ug/ml
8) T Flouorene (C16.55)	9.447	6143433	42.068 ug/ml
9) T Phenanthrene (C19.36)	10.845	6485551	44.367 ug/ml
10) T Anthracene (C19.43)	10.921	6174321	45.435 ug/ml
12) T Fluoranthene (C21.85)	12.661	6671873	46.832 ug/ml
13) T Pyrene (C20.8)	12.959	6687187	47.570 ug/ml
14) T Benzo[a]anthracene (C...	14.832	6198105	49.282 ug/ml
15) T Chrysene (C27.41)	14.877	6779229	52.769 ug/ml
16) T benzo[b]fluoranthene ...	16.383	6002169	48.184 ug/ml
17) T Bnezo[k]fluoranthene ...	16.419	5852939	49.827 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.763	5783124	47.653 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.130	6029563	53.625 ug/ml
20) T Dibenz[a,h]anthracene...	18.168	5669175	46.370 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.386	5352182	44.749 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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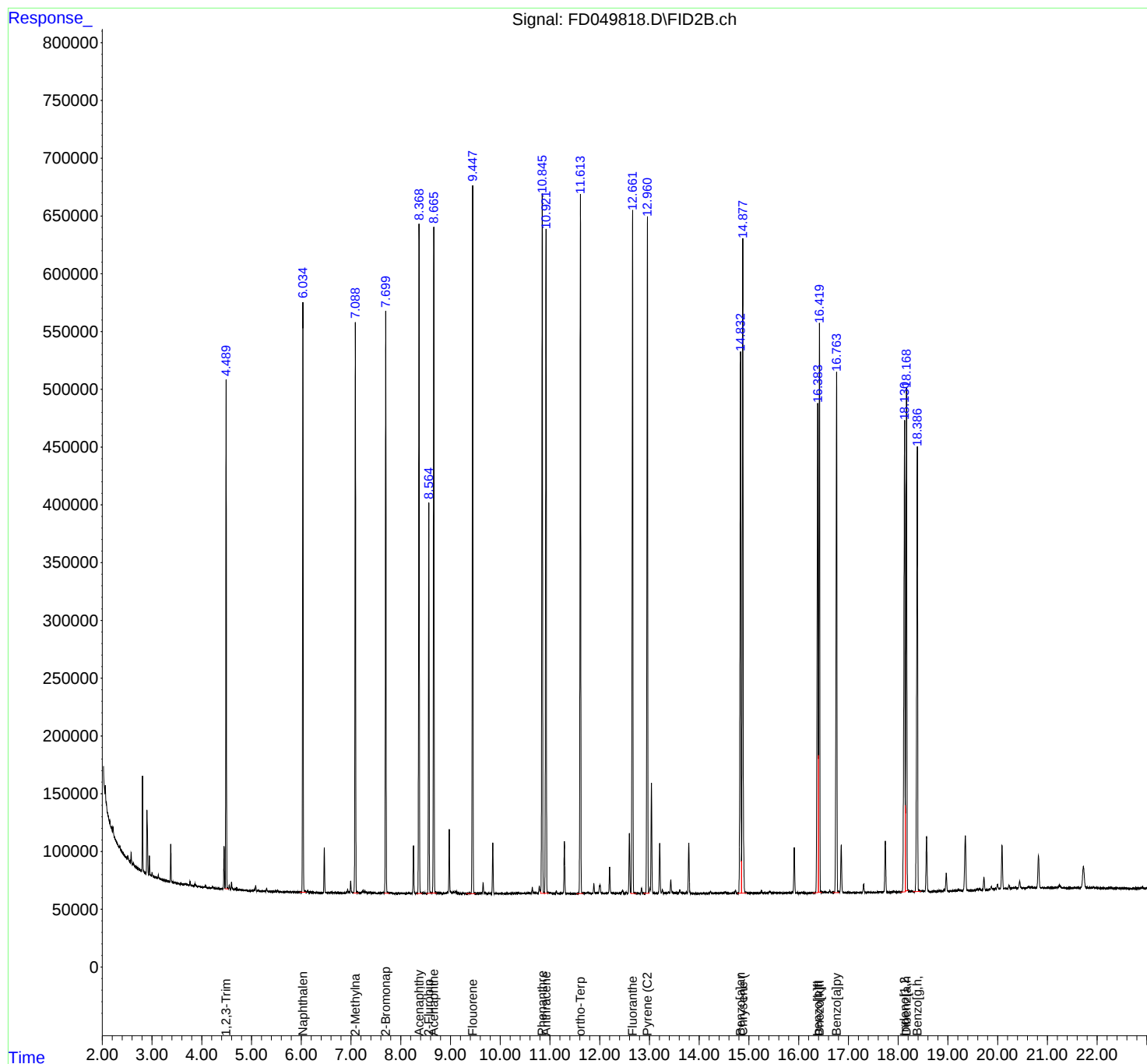
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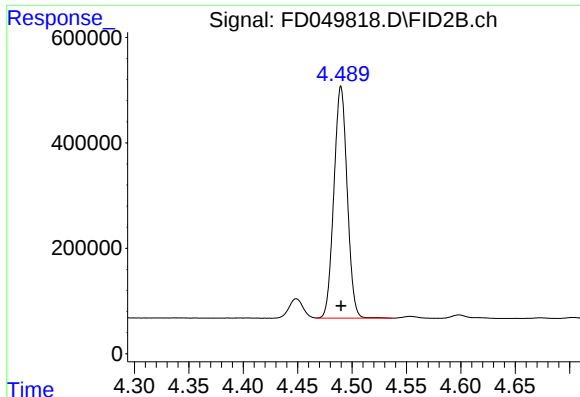
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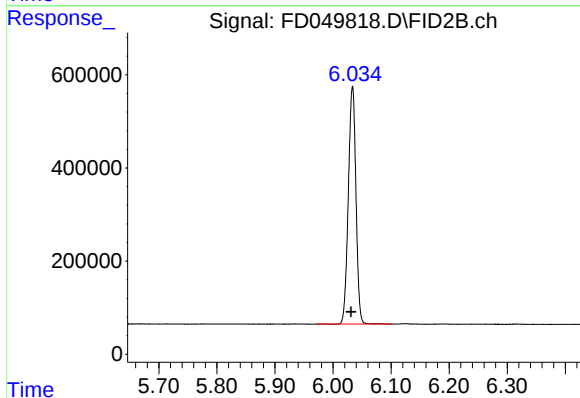
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 3744574
Conc: 32.95 ug/ml

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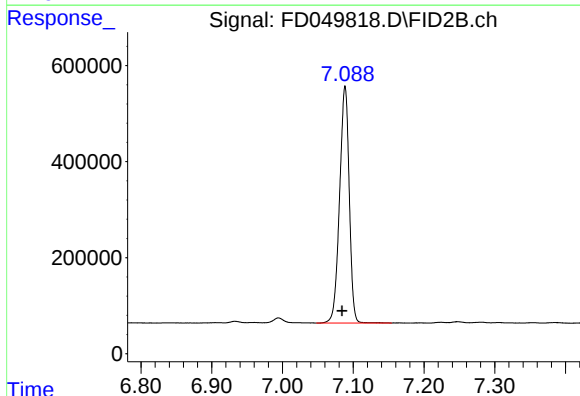
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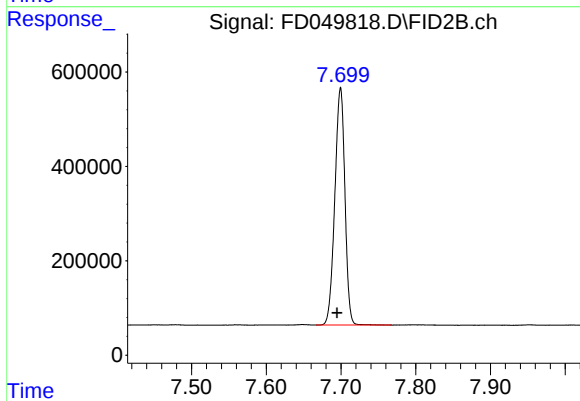
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: 0.002 min
Response: 4648378
Conc: 35.23 ug/ml



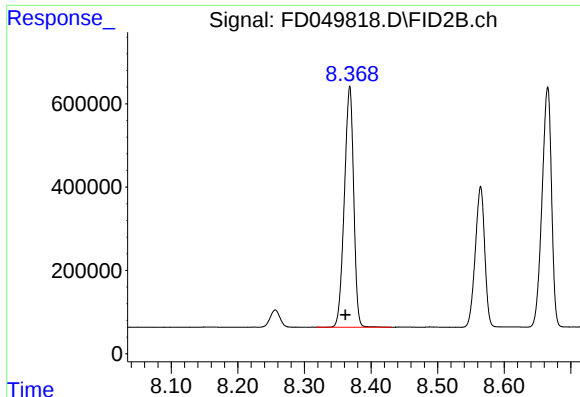
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: 0.004 min
Response: 4668001
Conc: 33.74 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.699 min
Delta R.T.: 0.004 min
Response: 4722690
Conc: 39.75 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.368 min
Delta R.T.: 0.006 min
Response: 5641699
Conc: 38.61 ug/ml

Instrument :

FID_D

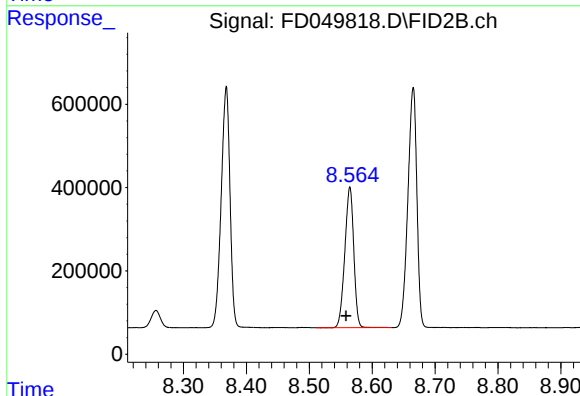
ClientSampleId :

PB169974BS

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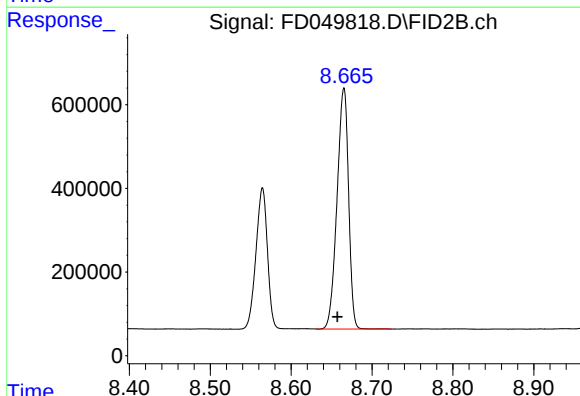
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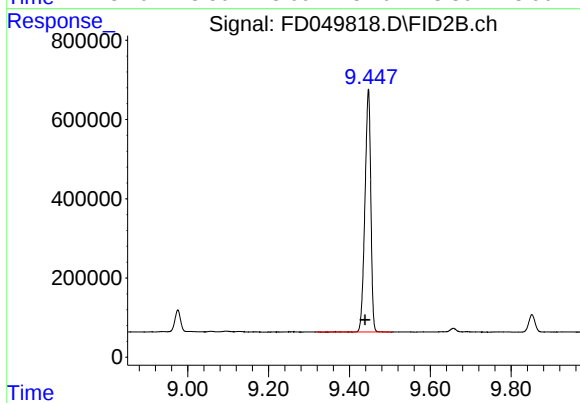
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: 0.006 min
Response: 3331675
Conc: 39.24 ug/ml



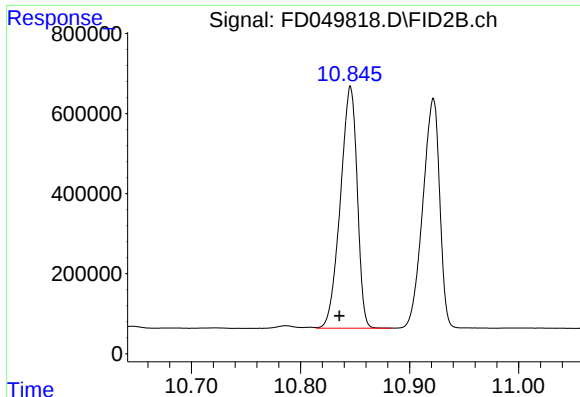
#7 Acenaphthene (C15.5)

R.T.: 8.665 min
Delta R.T.: 0.008 min
Response: 5710622
Conc: 39.22 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.447 min
Delta R.T.: 0.008 min
Response: 6143433
Conc: 42.07 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.845 min
Delta R.T.: 0.010 min
Response: 6485551
Conc: 44.37 ug/ml

Instrument :

FID_D

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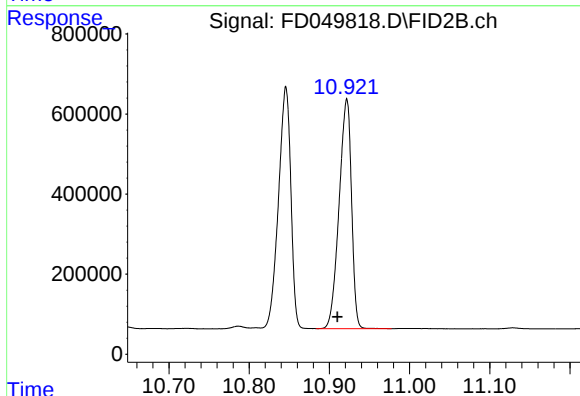
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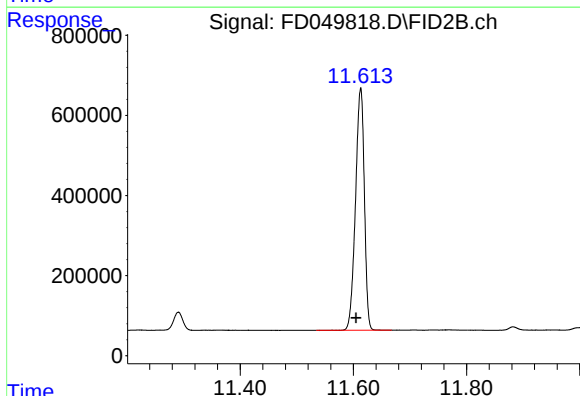
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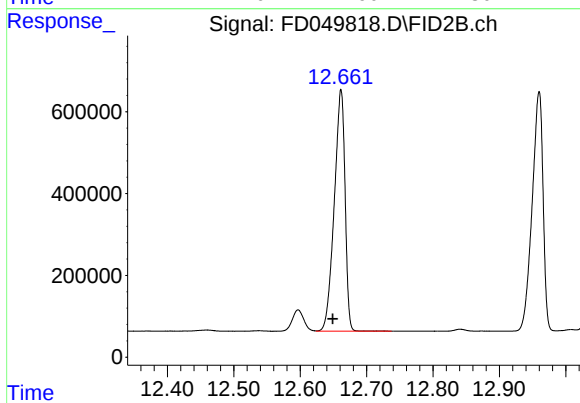
#10 Anthracene (C19.43)

R.T.: 10.921 min
Delta R.T.: 0.011 min
Response: 6174321
Conc: 45.44 ug/ml



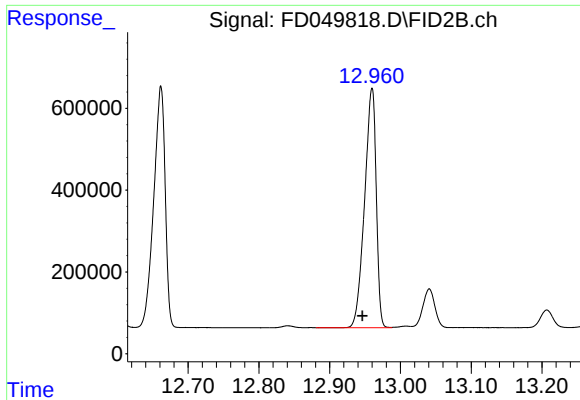
#11 ortho-Terphenyl (SURRE)

R.T.: 11.613 min
Delta R.T.: 0.008 min
Response: 6551704
Conc: 43.89 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.661 min
Delta R.T.: 0.012 min
Response: 6671873
Conc: 46.83 ug/ml



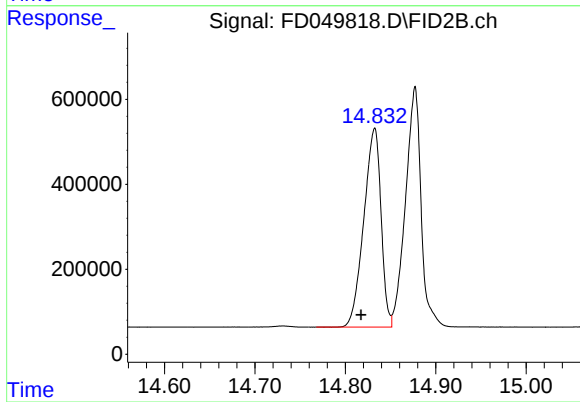
#13 Pyrene (C20.8)

R.T.: 12.959 min
Delta R.T.: 0.013 min
Response: 6687187
Conc: 47.57 ug/ml

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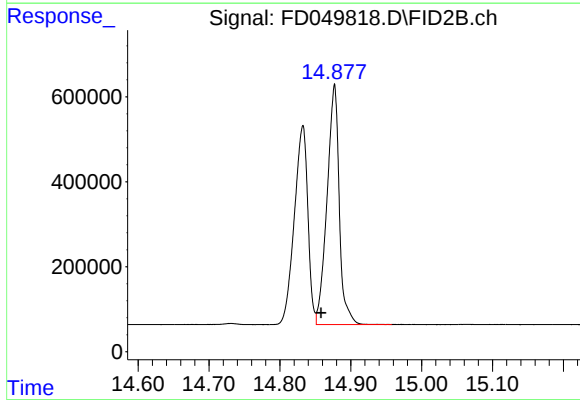
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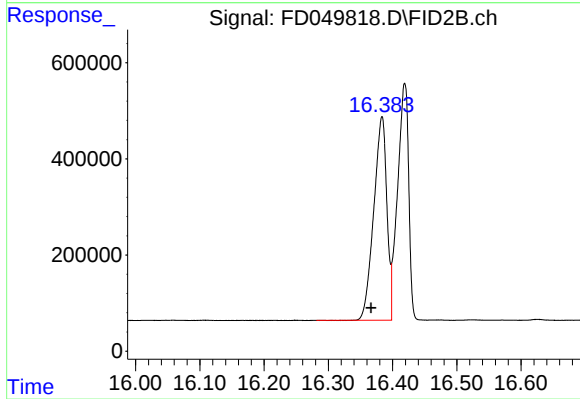
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.832 min
Delta R.T.: 0.015 min
Response: 6198105
Conc: 49.28 ug/ml



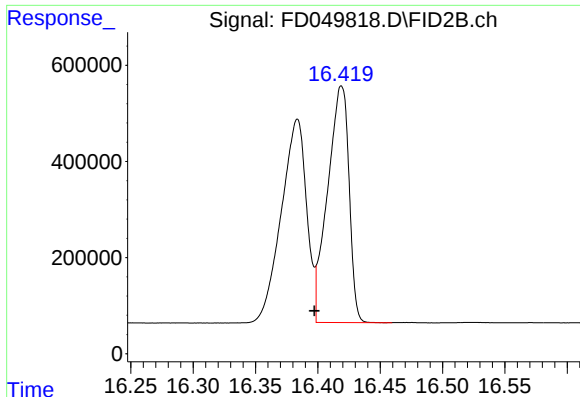
#15 Chrysene (C27.41)

R.T.: 14.877 min
Delta R.T.: 0.018 min
Response: 6779229
Conc: 52.77 ug/ml



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

R.T.: 16.383 min
Delta R.T.: 0.017 min
Response: 6002169
Conc: 48.18 ug/ml



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

R.T.: 16.419 min
Delta R.T.: 0.021 min
Response: 5852939
Conc: 49.83 ug/ml

Instrument :

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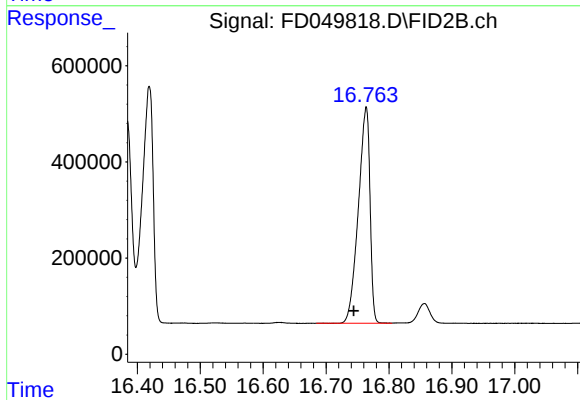
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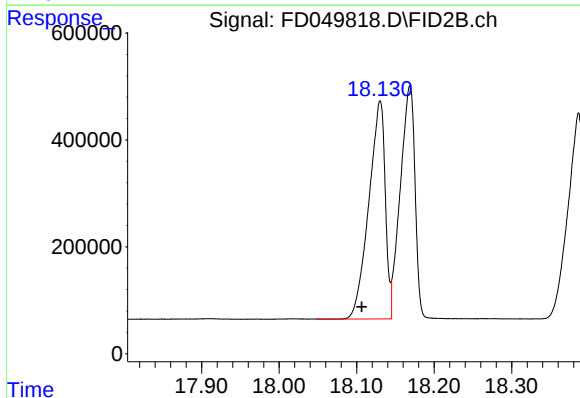
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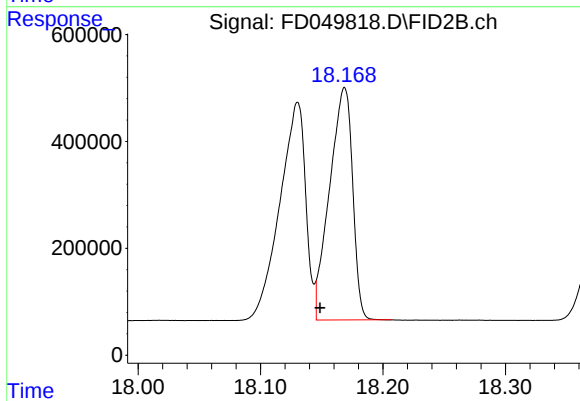
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.763 min
Delta R.T.: 0.019 min
Response: 5783124
Conc: 47.65 ug/ml



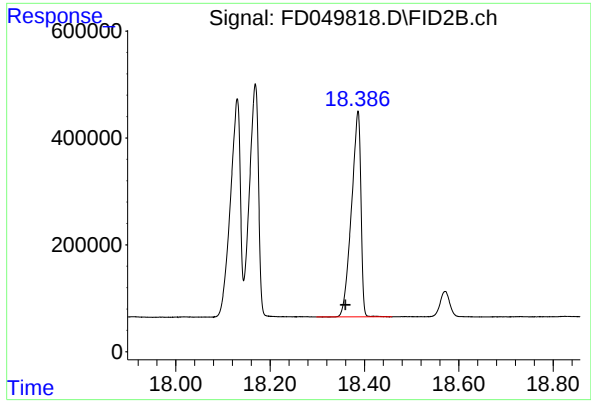
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.130 min
Delta R.T.: 0.023 min
Response: 6029563
Conc: 53.63 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.020 min
Response: 5669175
Conc: 46.37 ug/ml m



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

R.T.: 18.386 min
Delta R.T.: 0.026 min
Response: 5352182
Conc: 44.75 ug/ml

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