

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049660.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2025 03:54
 Operator : YP/AJ
 Sample : Q2892-05MS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

BACK-1-FLOOR-CENTER-MIDDLE-CMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/25/2025

Supervised By :mohammad ahmed 08/26/2025

Integration File: sample.E

Quant Time: Aug 25 01:52:39 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M

Quant Title : GC Extractables

Qlast Update : Mon Aug 11 14:11:57 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...	7.716	5597452	54.616 ug/ml
Spiked Amount 50.000		Recovery =	109.23%
6) S 2-Fluorobiphenyl (SURR)	8.582	4023121	55.077 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.15%
11) S ortho-Terphenyl (SURR)	11.627	4779844	36.826 ug/ml
Spiked Amount 50.000		Recovery =	73.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	3827259	37.811 ug/ml
2) T Naphthalene (C11.7)	6.050	4632175	40.399 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	4608760	38.634 ug/ml
5) T Acenaphthylene (C15.06)	8.385	5564696	44.265 ug/ml
7) T Acenaphthene (C15.5)	8.682	5660798	45.021 ug/ml
8) T Flouorene (C16.55)	9.463	6169304	48.727 ug/ml
9) T Phenanthrene (C19.36)	10.863	6796502	52.614 ug/ml
10) T Anthracene (C19.43)	10.939	6815293	55.322 ug/ml
12) T Fluoranthene (C21.85)	12.679	6994050	54.634 ug/ml
13) T Pyrene (C20.8)	12.977	7034884	55.408 ug/ml
14) T Benzo[a]anthracene (C...	14.850	6596505	57.164 ug/ml
15) T Chrysene (C27.41)	14.895	7292312	62.284 ug/ml
16) T benzo[b]fluoranthene ...	16.402	6260701	55.047 ug/ml
17) T Bnezo[k]fluoranthene ...	16.438	6100167	56.986 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.782	6029115	54.347 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.149	6379681	61.892 ug/ml
20) T Dibenz[a,h]anthracene...	18.188	5829544	53.483 ug/ml
21) T Benzo[g,h,i]perylene ...	18.406	5621725	51.446 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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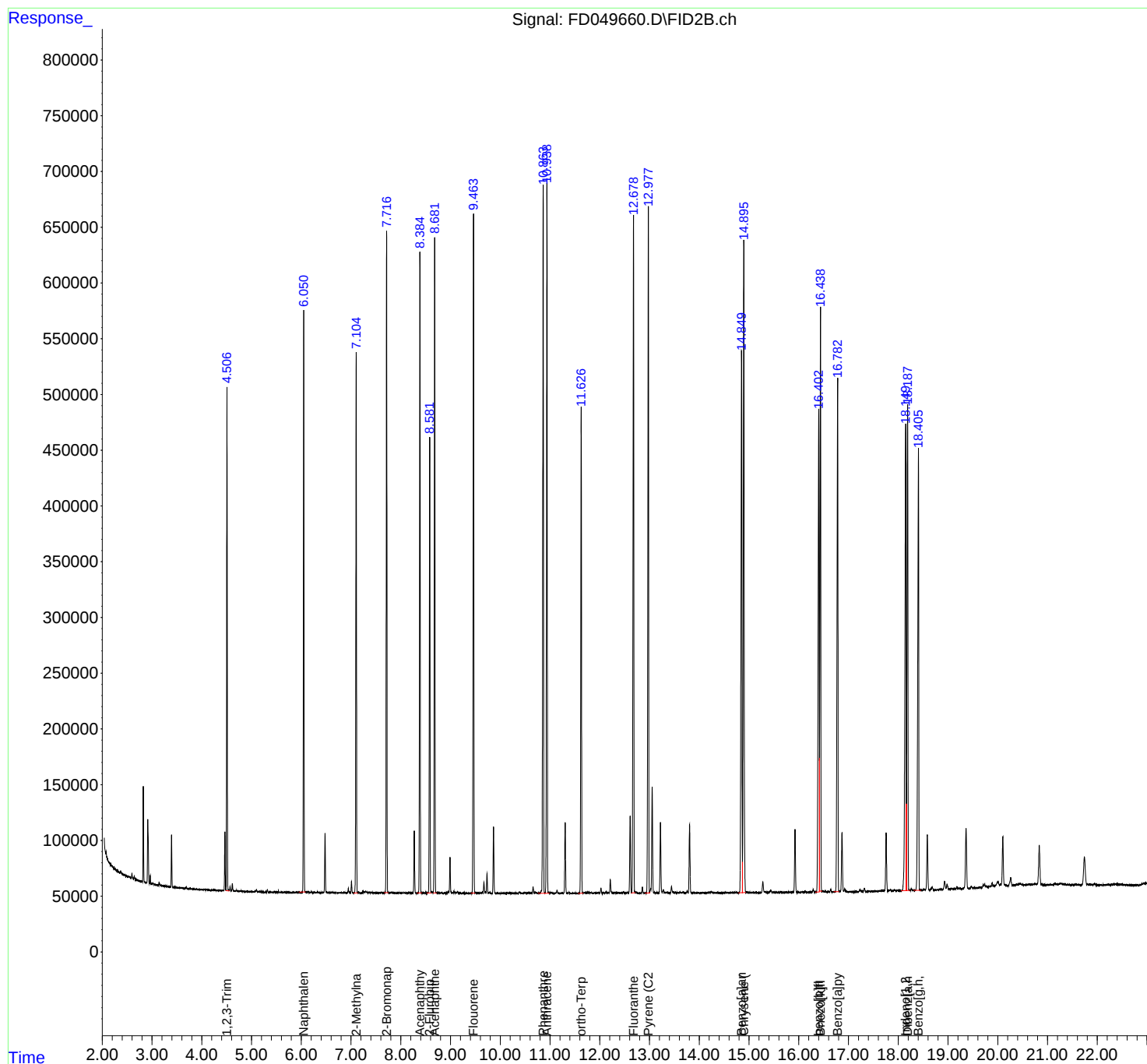
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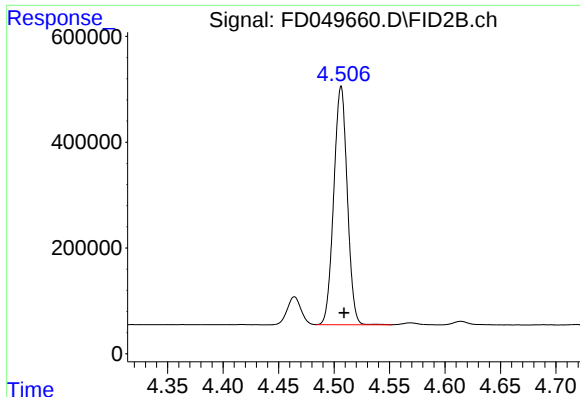
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Integration File: sample.E
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.506 min
Delta R.T.: -0.003 min
Response: 3827259
Conc: 37.81 ug/ml

Instrument :

FID_D

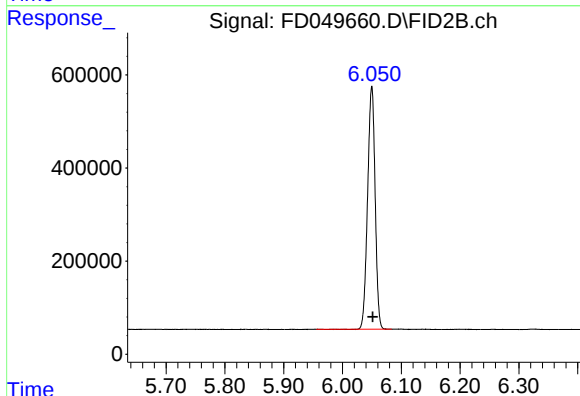
ClientSampleId :

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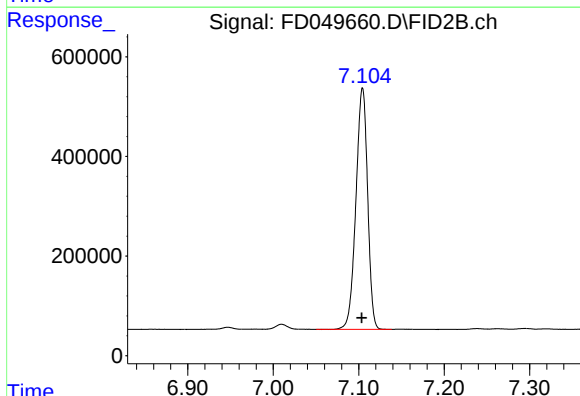
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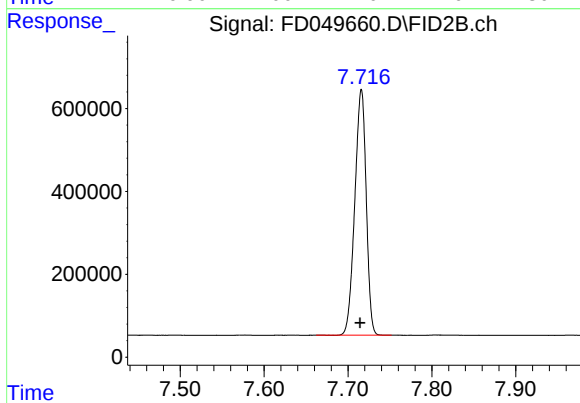
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 4632175
Conc: 40.40 ug/ml



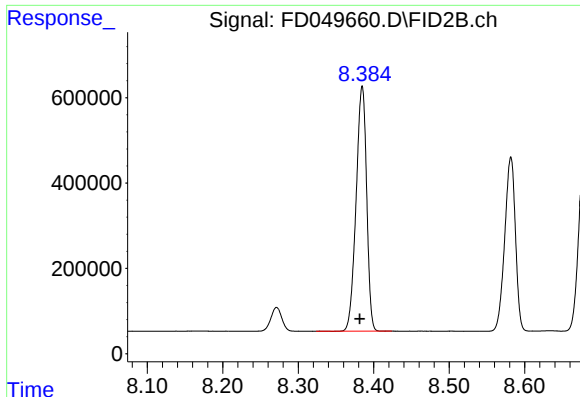
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 4608760
Conc: 38.63 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.716 min
Delta R.T.: 0.002 min
Response: 5597452
Conc: 54.62 ug/ml



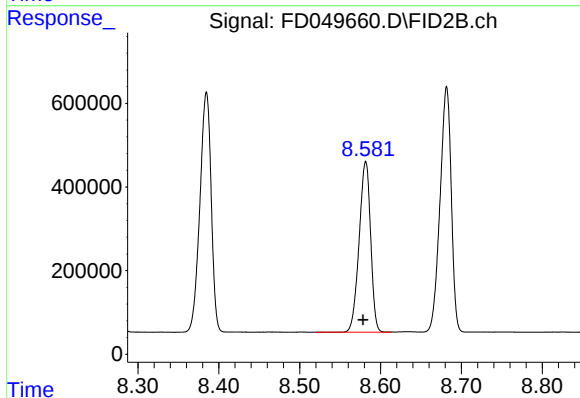
#5 Acenaphthylene (C15.06)

R.T.: 8.385 min
Delta R.T.: 0.003 min
Response: 5564696
Conc: 44.27 ug/ml

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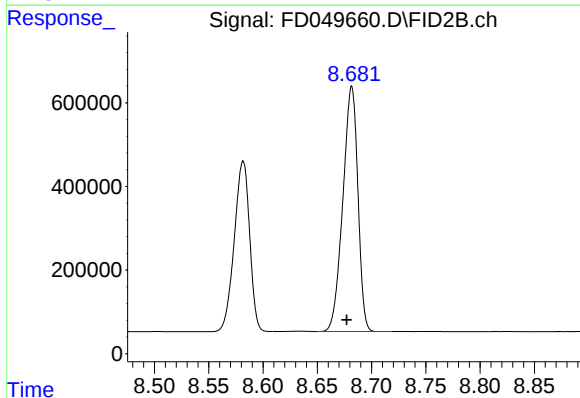
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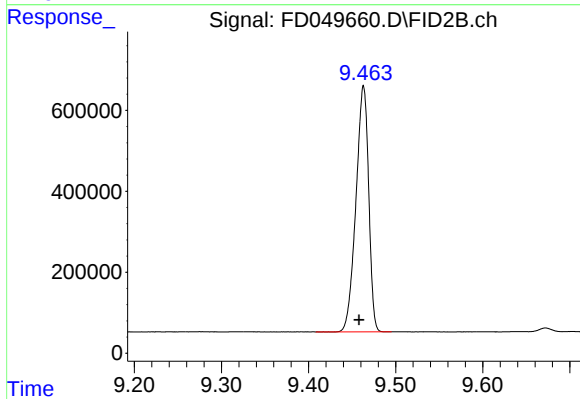
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.582 min
Delta R.T.: 0.003 min
Response: 4023121
Conc: 55.08 ug/ml



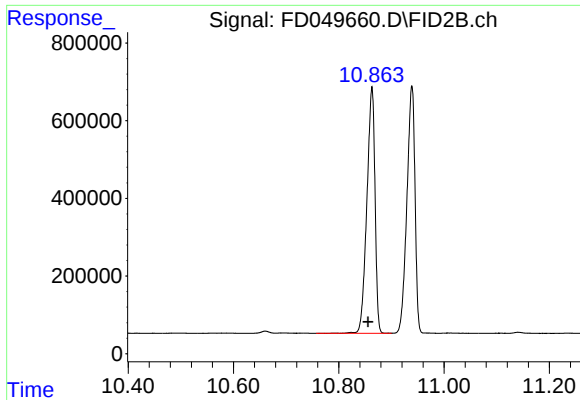
#7 Acenaphthene (C15.5)

R.T.: 8.682 min
Delta R.T.: 0.005 min
Response: 5660798
Conc: 45.02 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.463 min
Delta R.T.: 0.005 min
Response: 6169304
Conc: 48.73 ug/ml



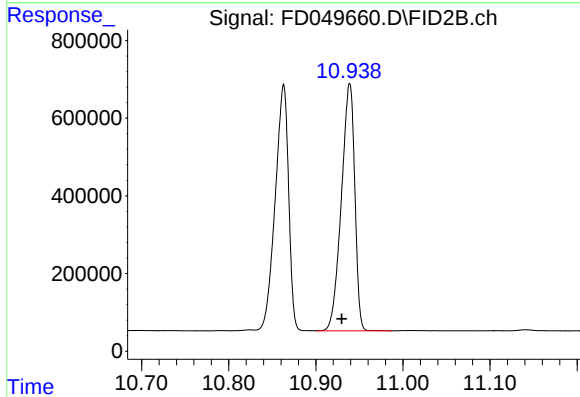
#9 Phenanthrene (C19.36)

R.T.: 10.863 min
Delta R.T.: 0.007 min
Response: 6796502
Conc: 52.61 ug/ml

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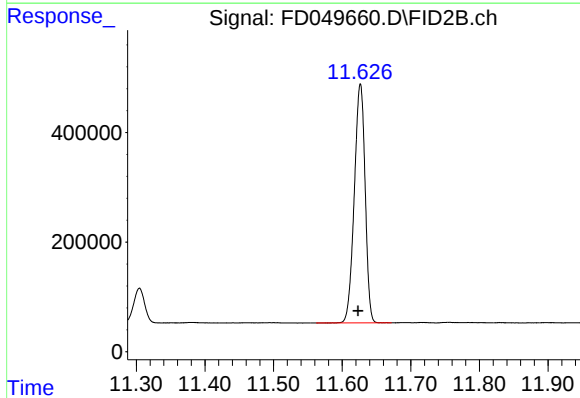
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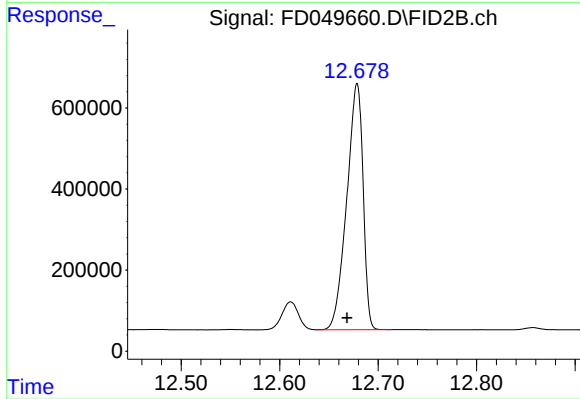
#10 Anthracene (C19.43)

R.T.: 10.939 min
Delta R.T.: 0.009 min
Response: 6815293
Conc: 55.32 ug/ml



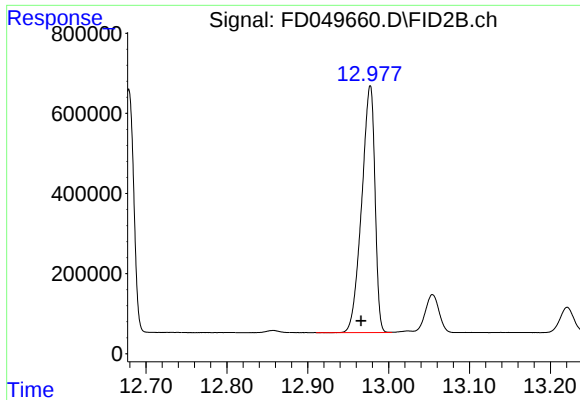
#11 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: 0.003 min
Response: 4779844
Conc: 36.83 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.679 min
Delta R.T.: 0.010 min
Response: 6994050
Conc: 54.63 ug/ml



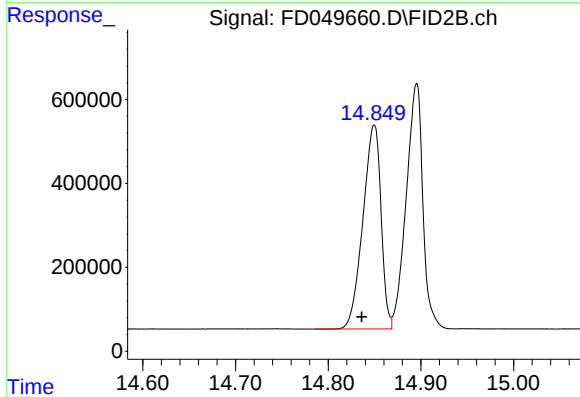
#13 Pyrene (C20.8)

R.T.: 12.977 min
Delta R.T.: 0.011 min
Response: 7034884
Conc: 55.41 ug/ml

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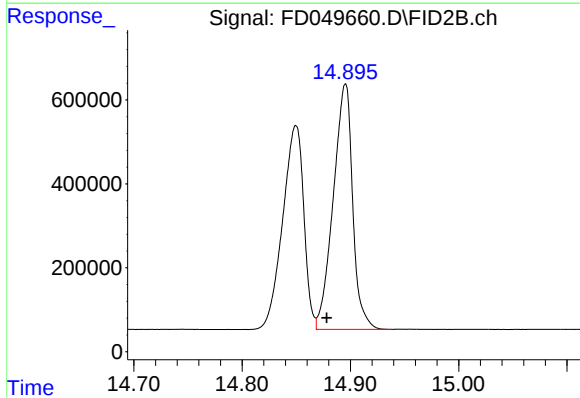
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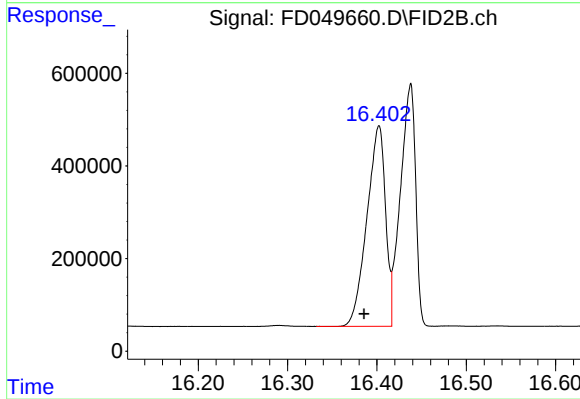
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.850 min
Delta R.T.: 0.013 min
Response: 6596505
Conc: 57.16 ug/ml



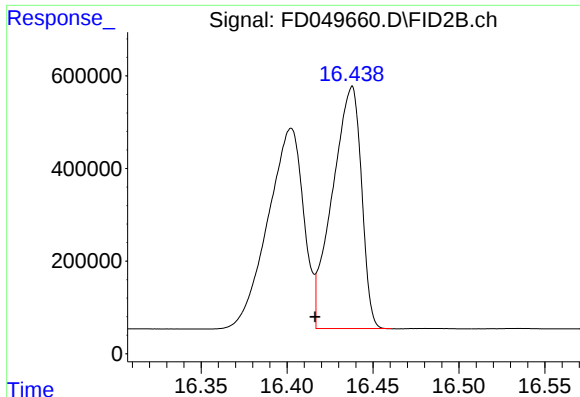
#15 Chrysene (C27.41)

R.T.: 14.895 min
Delta R.T.: 0.017 min
Response: 7292312
Conc: 62.28 ug/ml



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

R.T.: 16.402 min
Delta R.T.: 0.017 min
Response: 6260701
Conc: 55.05 ug/ml



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

R.T.: 16.438 min
Delta R.T.: 0.021 min
Response: 6100167
Conc: 56.99 ug/ml

Instrument :

FID_D

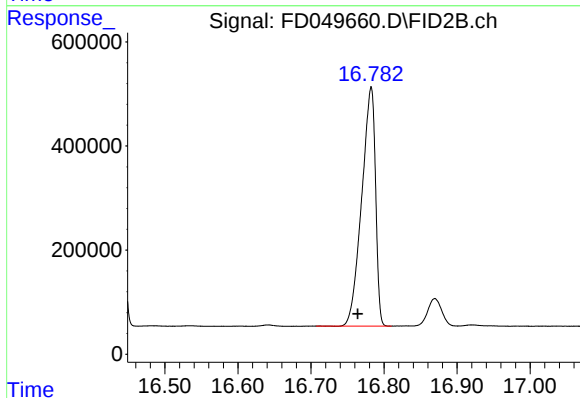
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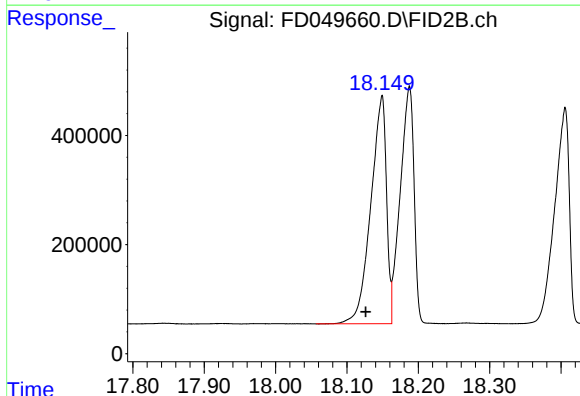
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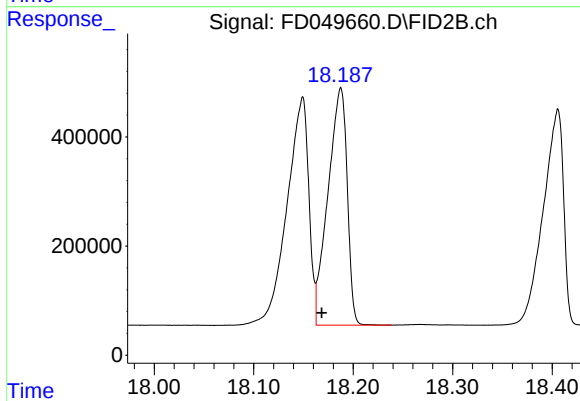
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.782 min
Delta R.T.: 0.018 min
Response: 6029115
Conc: 54.35 ug/ml



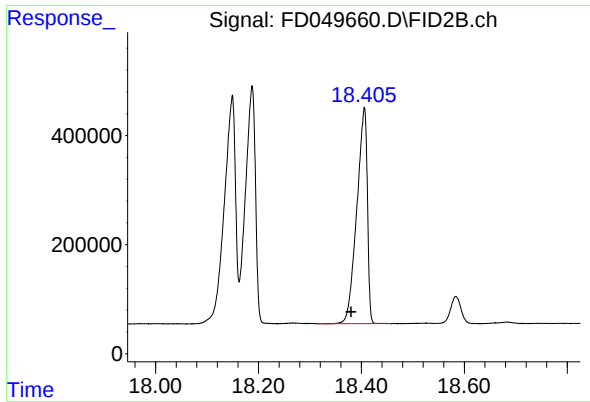
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.149 min
Delta R.T.: 0.023 min
Response: 6379681
Conc: 61.89 ug/ml



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

R.T.: 18.188 min
Delta R.T.: 0.019 min
Response: 5829544
Conc: 53.48 ug/ml



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

R.T.: 18.406 min
Delta R.T.: 0.026 min
Response: 5621725
Conc: 51.45 ug/ml

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