

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101525AR\
 Data File : FD049848.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2025 18:55
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 16 05:50:51 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...	7.703	2649000	22.295 ug/ml
Spiked Amount 50.000		Recovery =	44.59%
6) S 2-Fluorobiphenyl (SURR)	8.567	1869832	22.024 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.05%
11) S ortho-Terphenyl (SURR)	11.613	3318795	22.231 ug/ml
Spiked Amount 50.000		Recovery =	44.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.495	2554872	22.482 ug/ml
2) T Naphthalene (C11.7)	6.038	2972768	22.532 ug/ml
3) T 2-Methylnaphthalene (...)	7.092	3085104	22.297 ug/ml
5) T Acenaphthylene (C15.06)	8.370	3226375	22.083 ug/ml
7) T Acenaphthene (C15.5)	8.667	3249540	22.317 ug/ml
8) T Flouorene (C16.55)	9.448	3187203	21.825 ug/ml
9) T Phenanthrene (C19.36)	10.845	3152015	21.562 ug/ml
10) T Anthracene (C19.43)	10.920	2614633	19.240 ug/ml
12) T Fluoranthene (C21.85)	12.660	3067600	21.532 ug/ml
13) T Pyrene (C20.8)	12.957	3025094	21.519 ug/ml
14) T Benzo[a]anthracene (C...	14.829	2590615	20.598 ug/ml
15) T Chrysene (C27.41)	14.872	2735005	21.289 ug/ml
16) T benzo[b]fluoranthene ...	16.381	2674033	21.467 ug/ml
17) T Bnezo[k]fluoranthene ...	16.413	2506433	21.338 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.759	2463755	20.301 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.123	2250753	20.018 ug/ml
20) T Dibenz[a,h]anthracene...	18.163	2321518	18.989 ug/ml
21) T Benzo[g,h,i]perylene ...	18.379	2542658	21.259 ug/ml

(f)=RT Delta > 1/2 Window

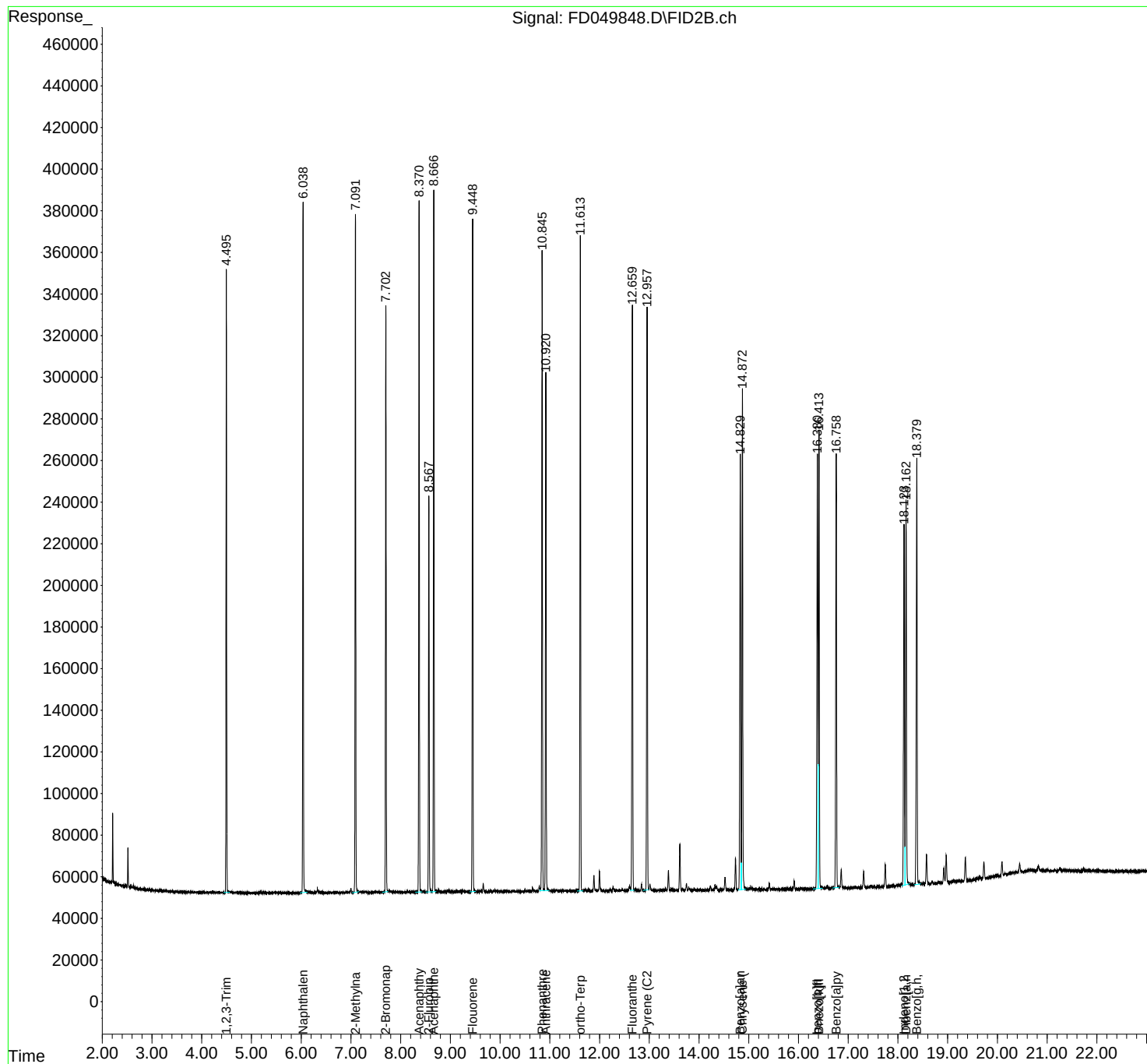
(m)=manual int.

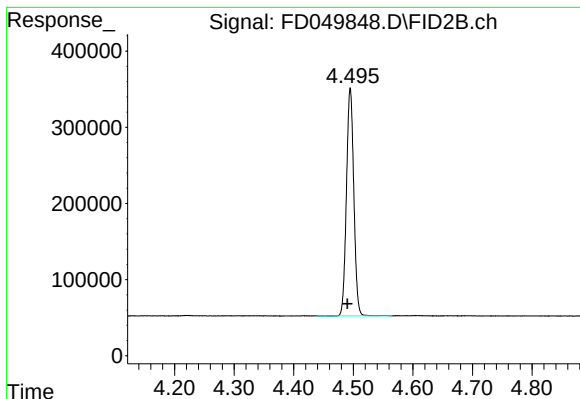
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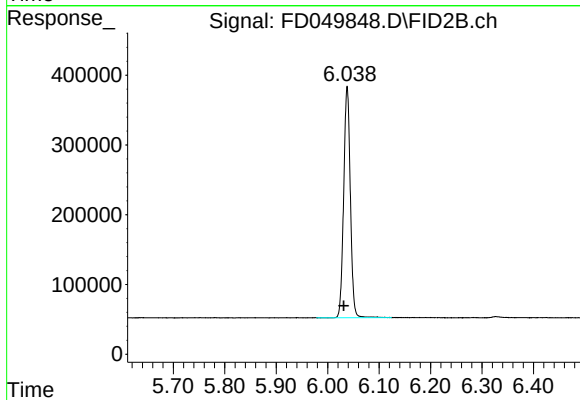




#1 1,2,3-Trimethylbenzene (C10.1)

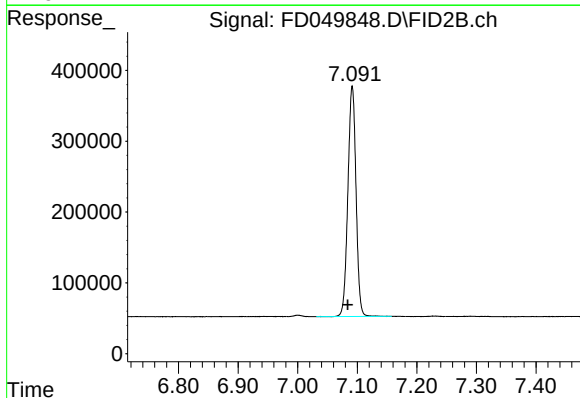
R.T.: 4.495 min
Delta R.T.: 0.005 min
Response: 2554872
Conc: 22.48 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



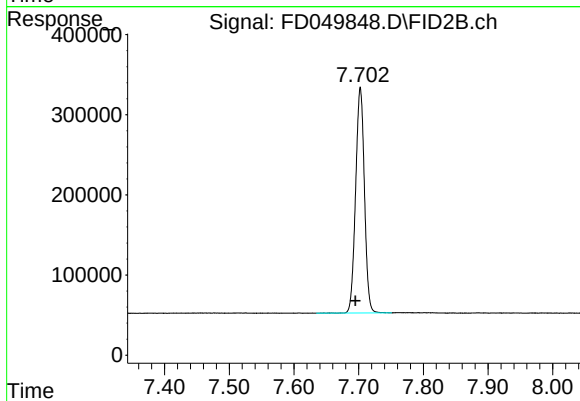
#2 Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: 0.007 min
Response: 2972768
Conc: 22.53 ug/ml



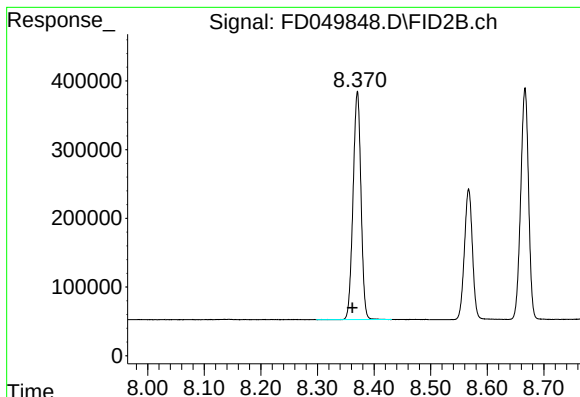
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: 0.007 min
Response: 3085104
Conc: 22.30 ug/ml



#4 2-Bromonaphthalene (SURR)

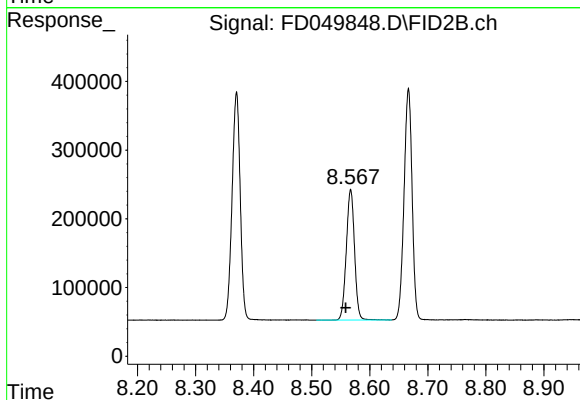
R.T.: 7.703 min
Delta R.T.: 0.007 min
Response: 2649000
Conc: 22.30 ug/ml



#5 Acenaphthylene (C15.06)

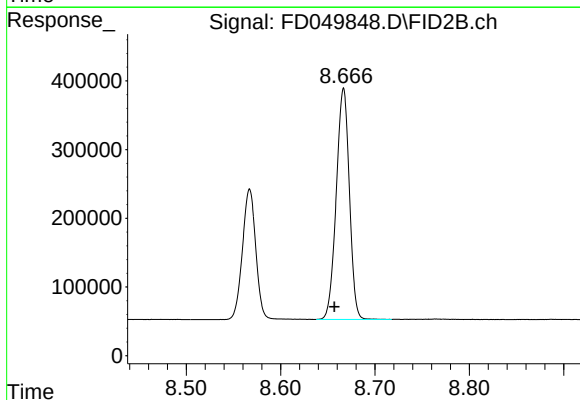
R.T.: 8.370 min
Delta R.T.: 0.009 min
Response: 3226375
Conc: 22.08 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



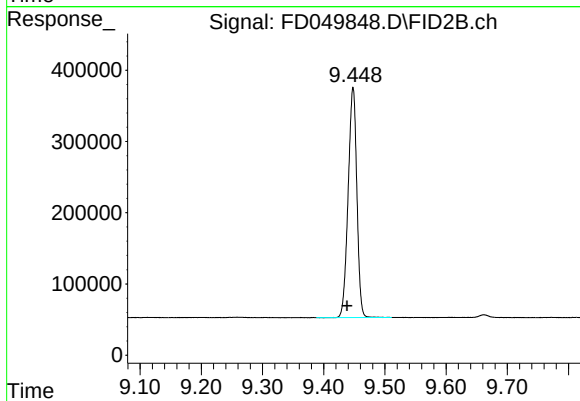
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.567 min
Delta R.T.: 0.008 min
Response: 1869832
Conc: 22.02 ug/ml



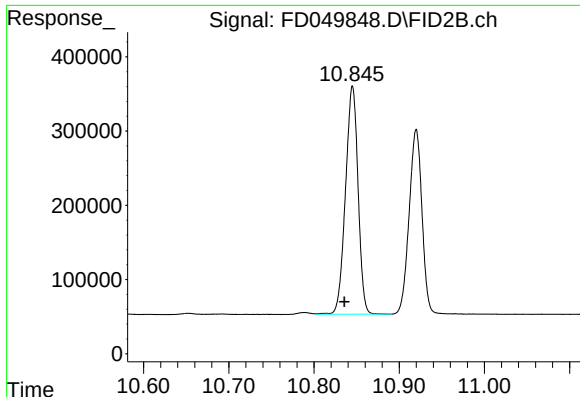
#7 Acenaphthene (C15.5)

R.T.: 8.667 min
Delta R.T.: 0.009 min
Response: 3249540
Conc: 22.32 ug/ml



#8 Fluorene (C16.55)

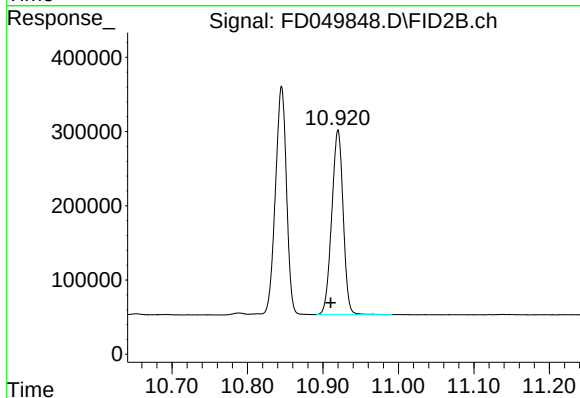
R.T.: 9.448 min
Delta R.T.: 0.009 min
Response: 3187203
Conc: 21.82 ug/ml



#9 Phenanthrene (C19.36)

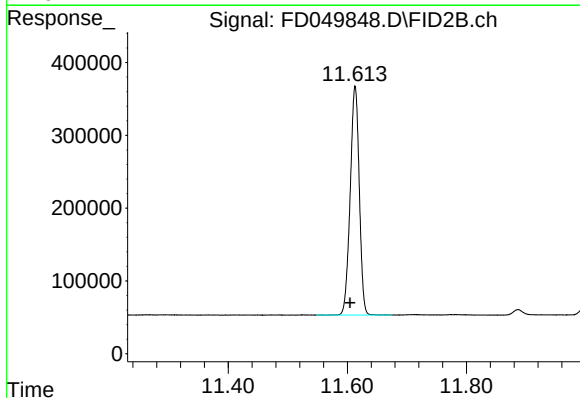
R.T.: 10.845 min
Delta R.T.: 0.009 min
Response: 3152015
Conc: 21.56 ug/ml

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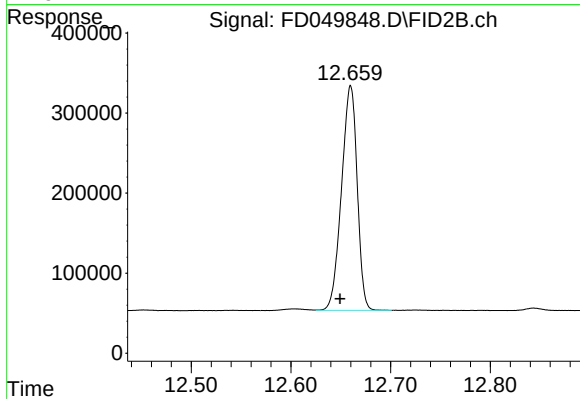
#10 Anthracene (C19.43)

R.T.: 10.920 min
Delta R.T.: 0.010 min
Response: 2614633
Conc: 19.24 ug/ml



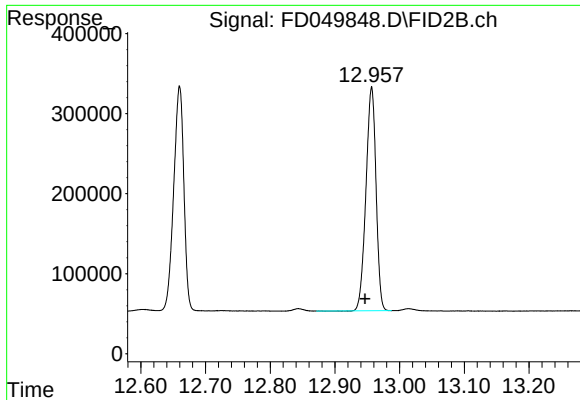
#11 ortho-Terphenyl (SURR)

R.T.: 11.613 min
Delta R.T.: 0.009 min
Response: 3318795
Conc: 22.23 ug/ml



#12 Fluoranthene (C21.85)

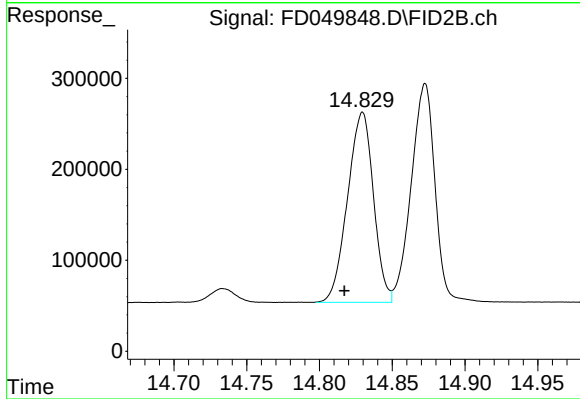
R.T.: 12.660 min
Delta R.T.: 0.011 min
Response: 3067600
Conc: 21.53 ug/ml



#13 Pyrene (C20.8)

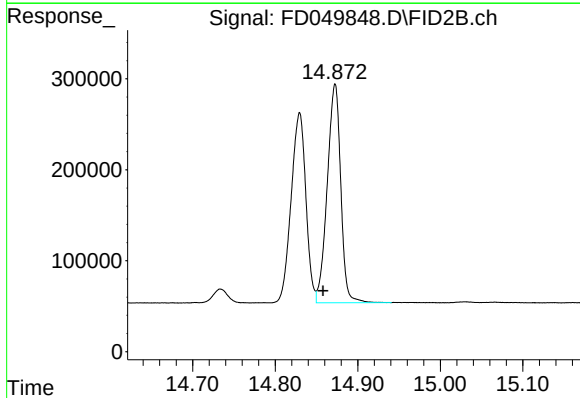
R.T.: 12.957 min
Delta R.T.: 0.010 min
Response: 3025094
Conc: 21.52 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD



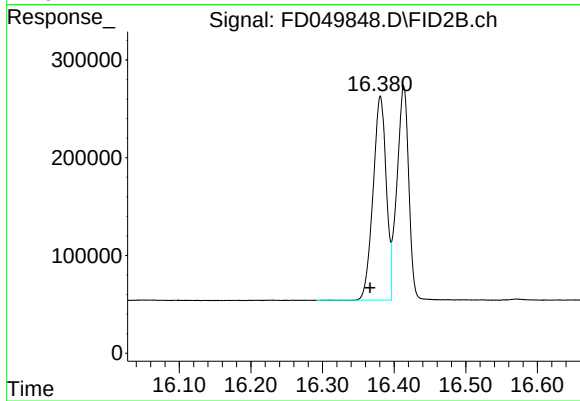
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.829 min
Delta R.T.: 0.012 min
Response: 2590615
Conc: 20.60 ug/ml



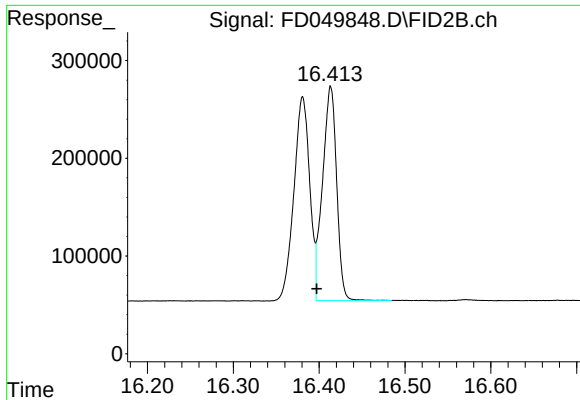
#15 Chrysene (C27.41)

R.T.: 14.872 min
Delta R.T.: 0.014 min
Response: 2735005
Conc: 21.29 ug/ml



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

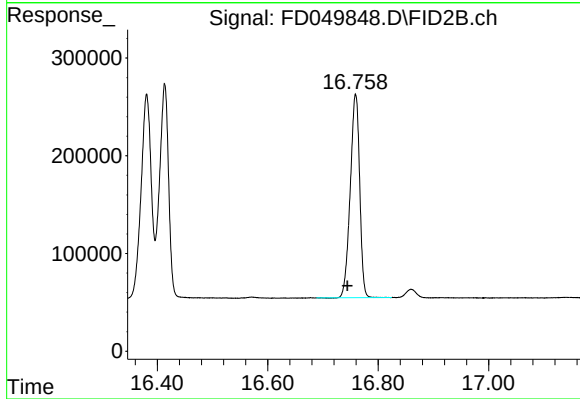
R.T.: 16.381 min
Delta R.T.: 0.014 min
Response: 2674033
Conc: 21.47 ug/ml



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

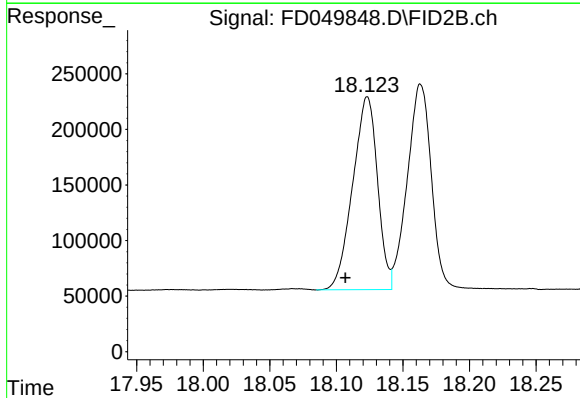
R.T.: 16.413 min
Delta R.T.: 0.016 min
Response: 2506433
Conc: 21.34 ug/ml

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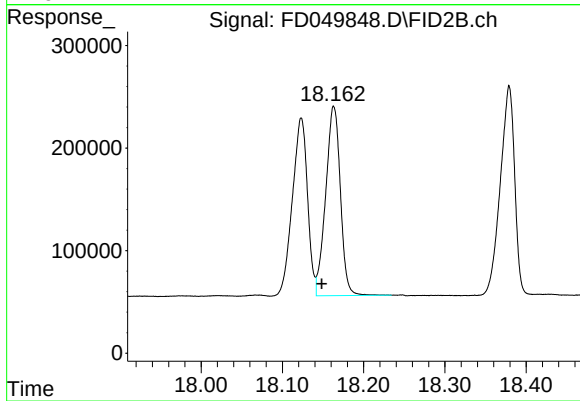
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.759 min
Delta R.T.: 0.015 min
Response: 2463755
Conc: 20.30 ug/ml



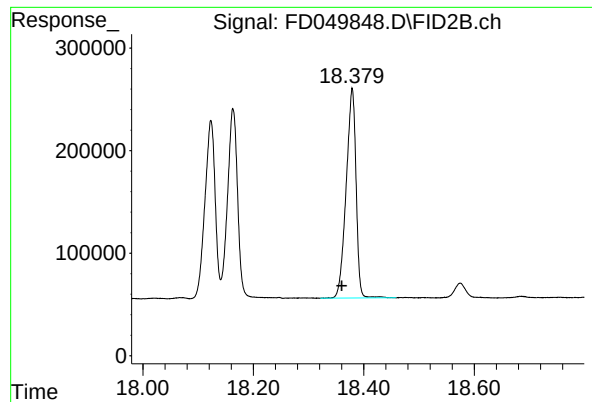
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.123 min
Delta R.T.: 0.016 min
Response: 2250753
Conc: 20.02 ug/ml



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

R.T.: 18.163 min
Delta R.T.: 0.015 min
Response: 2321518
Conc: 18.99 ug/ml



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

R.T.: 18.379 min
Delta R.T.: 0.019 min
Response: 2542658
Conc: 21.26 ug/ml

Instrument :

FID_D

ClientSampleId :

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