

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061325AR\
 Data File : FD049481.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 07:46
 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: Jun 13 21:19:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.732	3128625	18.821 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
6) S 2-Fluorobiphenyl (SURR)	8.597	2146964	18.768 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.54%
11) S ortho-Terphenyl (SURR)	11.641	3522208	17.548 ug/ml
Spiked Amount 50.000		Recovery =	35.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	3227741	20.287 ug/ml
2) T Naphthalene (C11.7)	6.068	3468050	19.751 ug/ml
3) T 2-Methylnaphthalene (...)	7.121	3438943	19.250 ug/ml
5) T Acenaphthylene (C15.06)	8.401	3613079	18.652 ug/ml
7) T Acenaphthene (C15.5)	8.696	3534636	18.582 ug/ml
8) T Flouorene (C16.55)	9.477	3588387	18.353 ug/ml
9) T Phenanthrene (C19.36)	10.876	3463379	18.215 ug/ml
10) T Anthracene (C19.43)	10.950	3059298	17.500 ug/ml
12) T Fluoranthene (C21.85)	12.689	3405005	18.877 ug/ml
13) T Pyrene (C20.8)	12.986	3398730	19.043 ug/ml
14) T Benzo[a]anthracene (C...	14.858	3046605	20.045 ug/ml
15) T Chrysene (C27.41)	14.901	3071588	20.227 ug/ml
16) T benzo[b]fluoranthene ...	16.409	3055603	21.110 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	3008650	20.966 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.788	2881018	21.197 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.152	2754237	21.563 ug/ml
20) T Dibenz[a,h]anthracene...	18.192	3023288	22.457 ug/ml
21) T Benzo[g,h,i]perylene ...	18.408	2937540	21.794 ug/ml

(f)=RT Delta > 1/2 Window

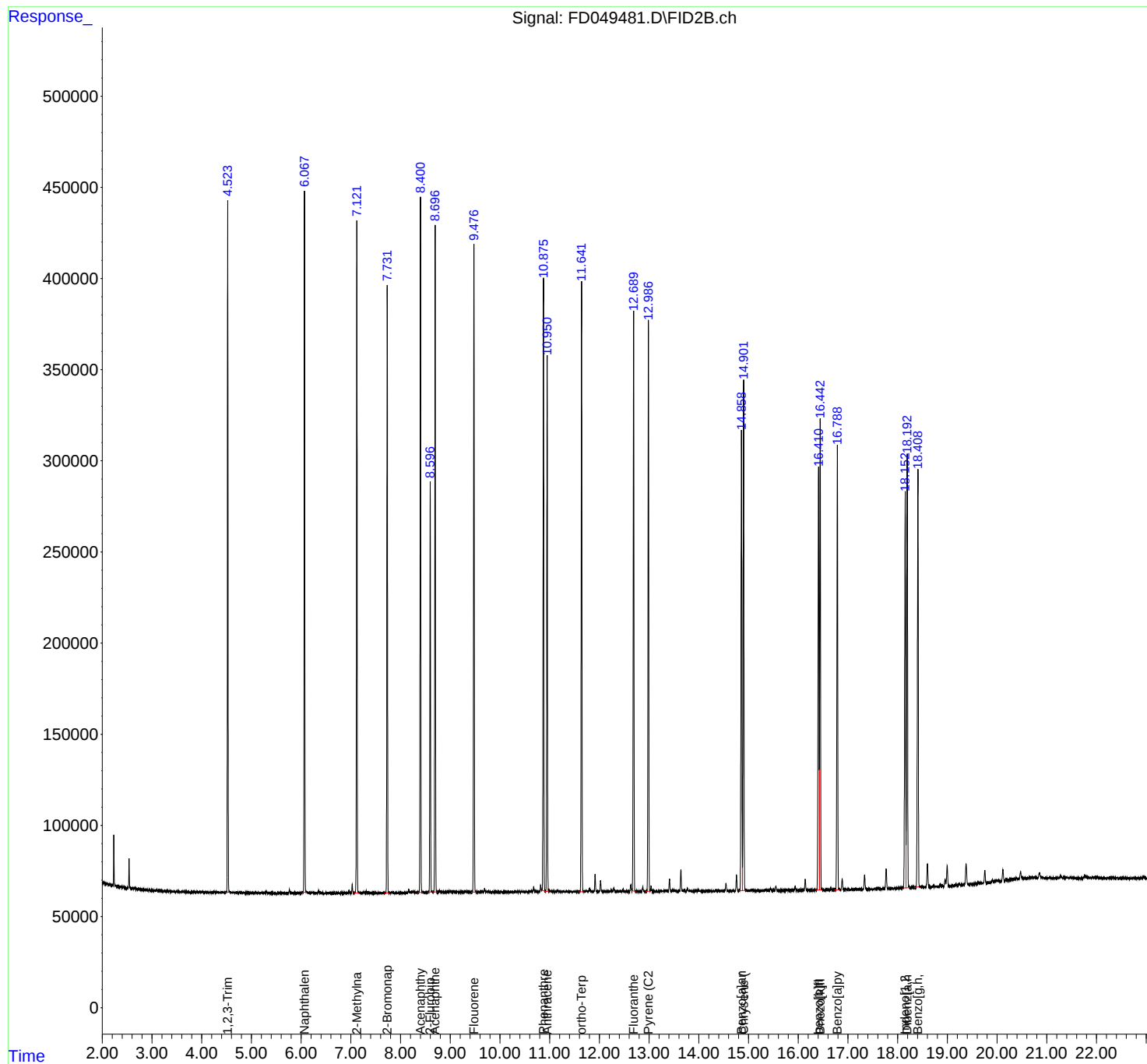
(m)=manual int.

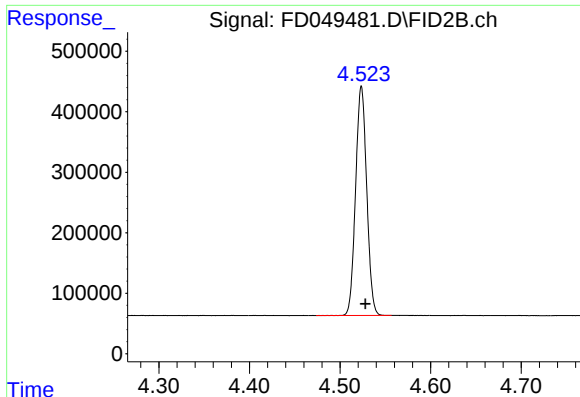
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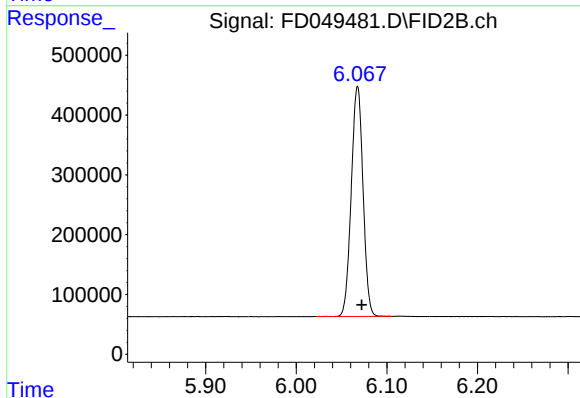




#1 1,2,3-Trimethylbenzene (C10.1)

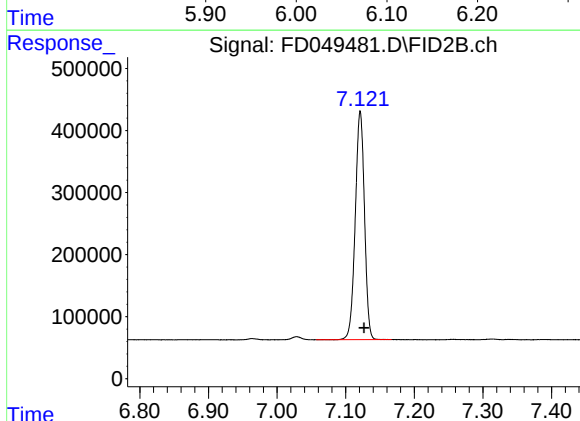
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 3227741
Conc: 20.29 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



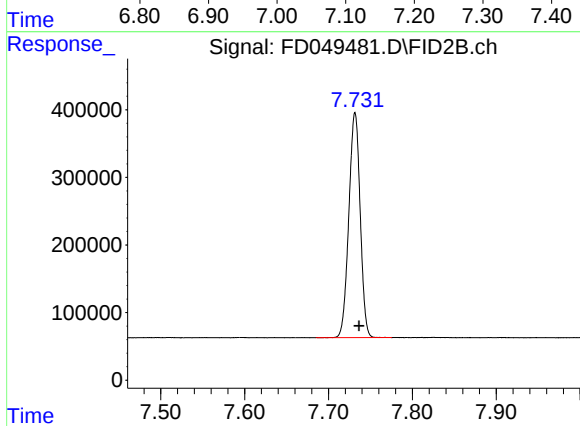
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 3468050
Conc: 19.75 ug/ml



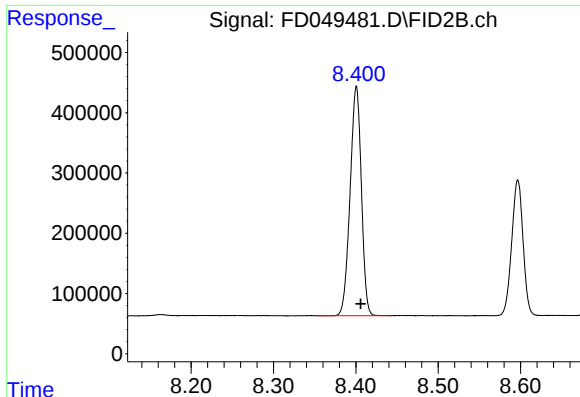
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.005 min
Response: 3438943
Conc: 19.25 ug/ml



#4 2-Bromonaphthalene (SURR)

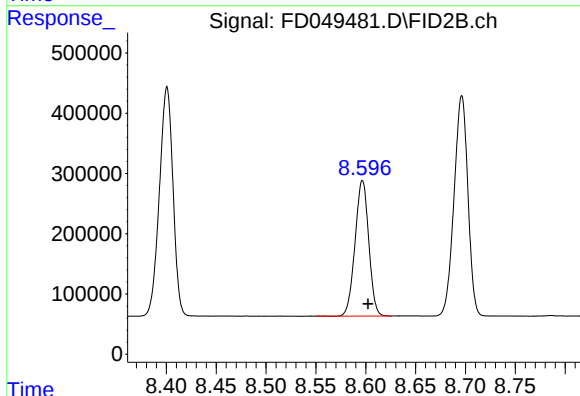
R.T.: 7.732 min
Delta R.T.: -0.005 min
Response: 3128625
Conc: 18.82 ug/ml



#5 Acenaphthylene (C15.06)

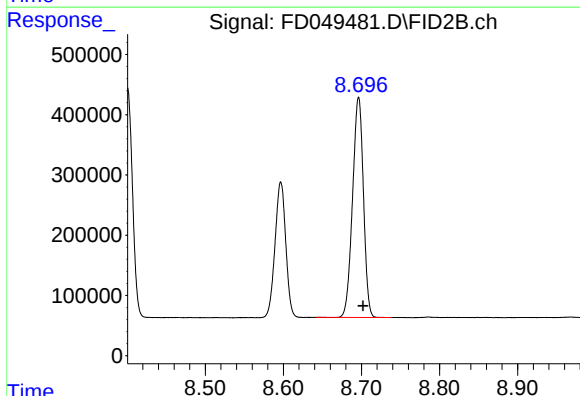
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 3613079
Conc: 18.65 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



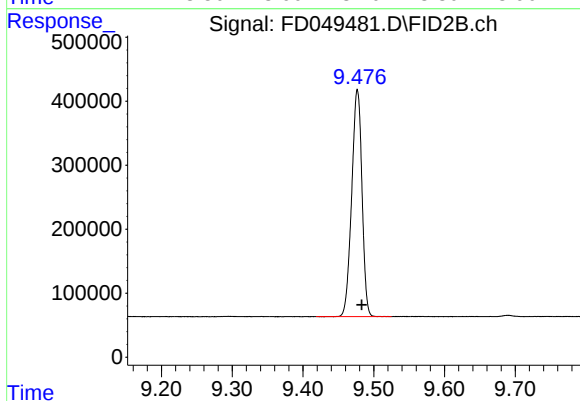
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: -0.006 min
Response: 2146964
Conc: 18.77 ug/ml



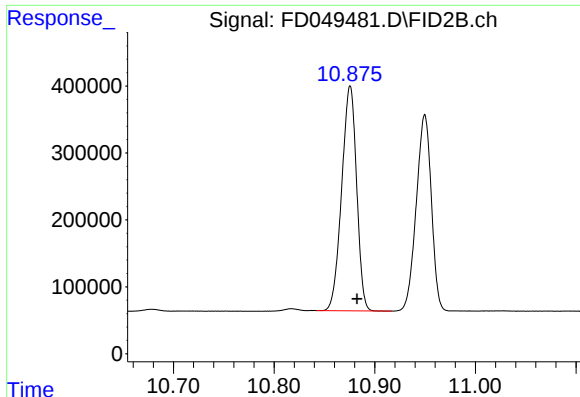
#7 Acenaphthene (C15.5)

R.T.: 8.696 min
Delta R.T.: -0.006 min
Response: 3534636
Conc: 18.58 ug/ml



#8 Fluorene (C16.55)

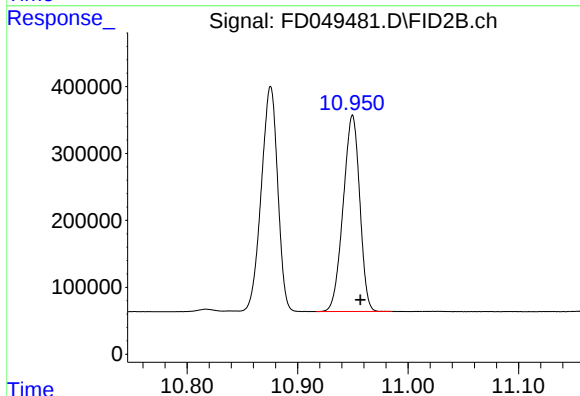
R.T.: 9.477 min
Delta R.T.: -0.006 min
Response: 3588387
Conc: 18.35 ug/ml



#9 Phenanthrene (C19.36)

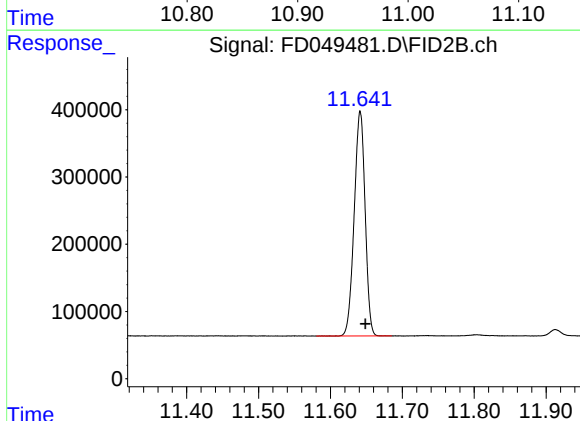
R.T.: 10.876 min
Delta R.T.: -0.007 min
Response: 3463379
Conc: 18.21 ug/ml

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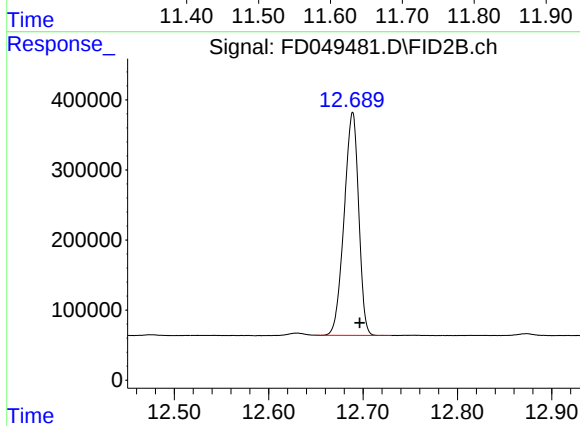
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.007 min
Response: 3059298
Conc: 17.50 ug/ml



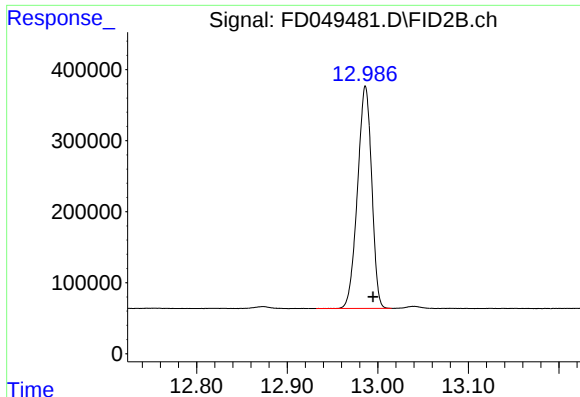
#11 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: -0.007 min
Response: 3522208
Conc: 17.55 ug/ml



#12 Fluoranthene (C21.85)

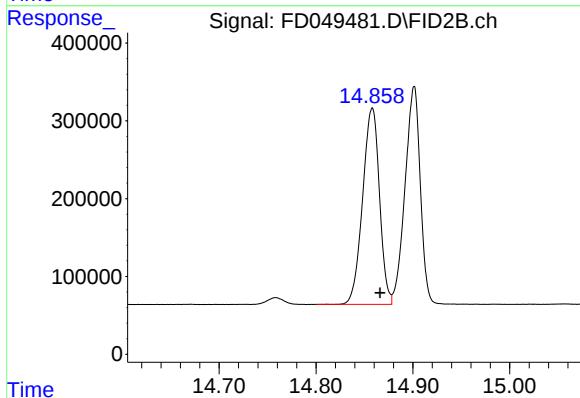
R.T.: 12.689 min
Delta R.T.: -0.008 min
Response: 3405005
Conc: 18.88 ug/ml



#13 Pyrene (C20.8)

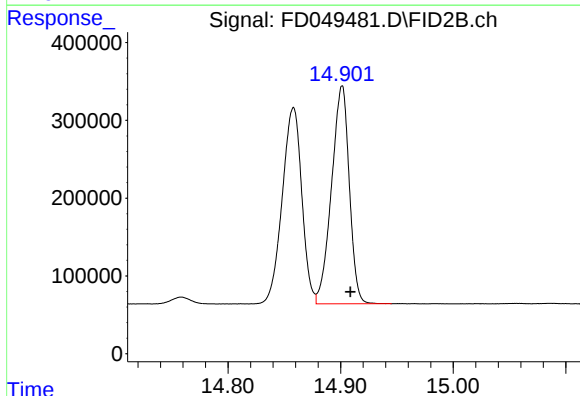
R.T.: 12.986 min
Delta R.T.: -0.008 min
Response: 3398730
Conc: 19.04 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



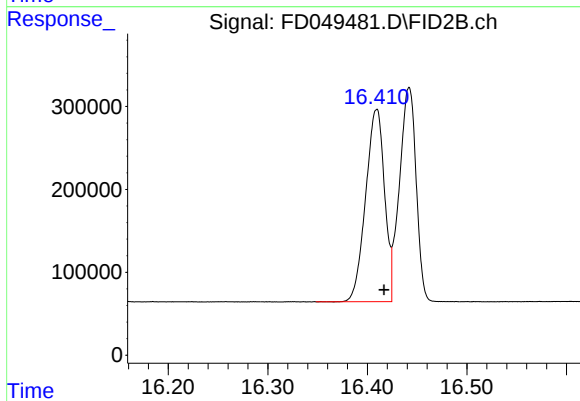
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.858 min
Delta R.T.: -0.008 min
Response: 3046605
Conc: 20.05 ug/ml



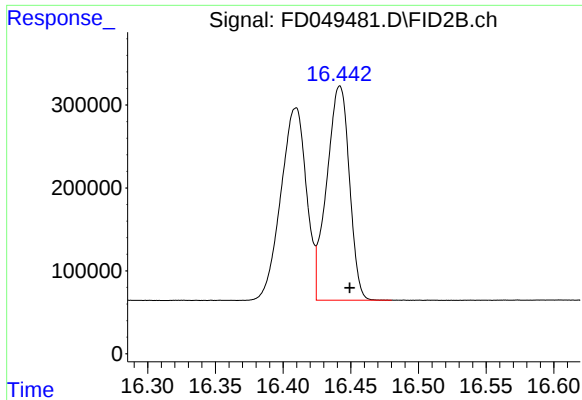
#15 Chrysene (C27.41)

R.T.: 14.901 min
Delta R.T.: -0.007 min
Response: 3071588
Conc: 20.23 ug/ml



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

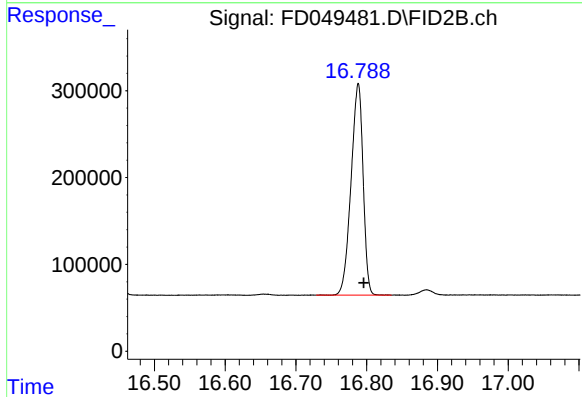
R.T.: 16.409 min
Delta R.T.: -0.008 min
Response: 3055603
Conc: 21.11 ug/ml



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

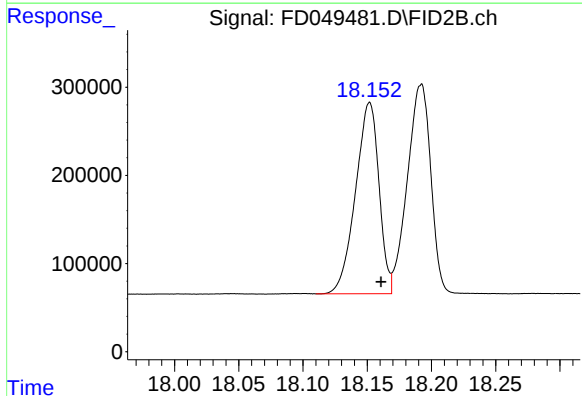
R.T.: 16.442 min
Delta R.T.: -0.007 min
Response: 3008650
Conc: 20.97 ug/ml

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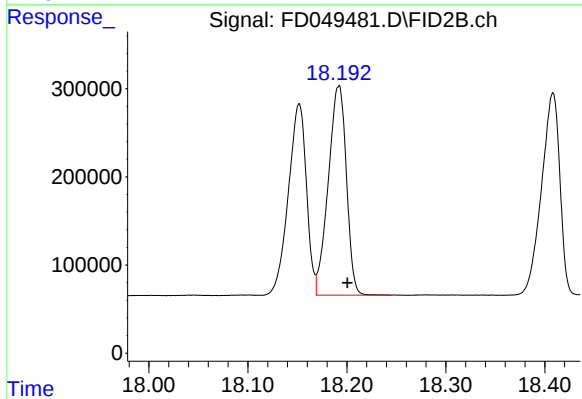
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.788 min
Delta R.T.: -0.008 min
Response: 2881018
Conc: 21.20 ug/ml



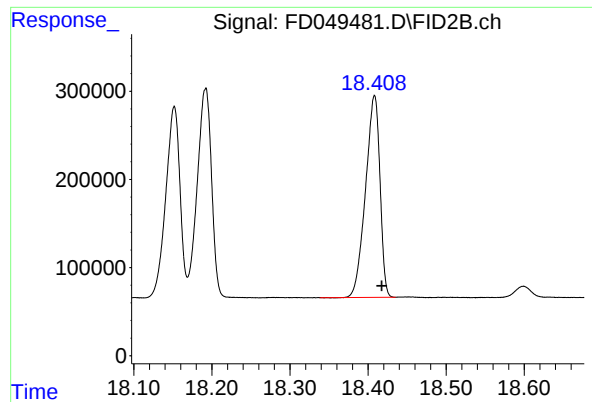
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.152 min
Delta R.T.: -0.009 min
Response: 2754237
Conc: 21.56 ug/ml



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

R.T.: 18.192 min
Delta R.T.: -0.009 min
Response: 3023288
Conc: 22.46 ug/ml



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

R.T.: 18.408 min
Delta R.T.: -0.009 min
Response: 2937540
Conc: 21.79 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD