

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061225AR\
 Data File : FD049458.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 12:02
 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 04:13:45 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	3141347	18.897 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
6) S 2-Fluorobiphenyl (SURR)	8.597	2152135	18.813 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.63%
11) S ortho-Terphenyl (SURR)	11.643	3564127	17.757 ug/ml
Spiked Amount 50.000		Recovery =	35.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	3230998	20.307 ug/ml
2) T Naphthalene (C11.7)	6.068	3464901	19.733 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	3435859	19.233 ug/ml
5) T Acenaphthylene (C15.06)	8.400	3647858	18.831 ug/ml
7) T Acenaphthene (C15.5)	8.697	3555148	18.690 ug/ml
8) T Fluorene (C16.55)	9.477	3607075	18.449 ug/ml
9) T Phenanthrene (C19.36)	10.876	3493922	18.376 ug/ml
10) T Anthracene (C19.43)	10.951	3087231	17.659 ug/ml
12) T Fluoranthene (C21.85)	12.690	3449447	19.124 ug/ml
13) T Pyrene (C20.8)	12.988	3450578	19.333 ug/ml
14) T Benzo[a]anthracene (C...	14.860	3105706	20.434 ug/ml
15) T Chrysene (C27.41)	14.902	3135092	20.645 ug/ml
16) T benzo[b]fluoranthene ...	16.411	3123611	21.580 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	3082478	21.481 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.789	2951433	21.715 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.154	2822621	22.098 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	3048668	22.646 ug/ml
21) T Benzo[g,h,i]perylene ...	18.410	3022767	22.427 ug/ml

(f)=RT Delta > 1/2 Window

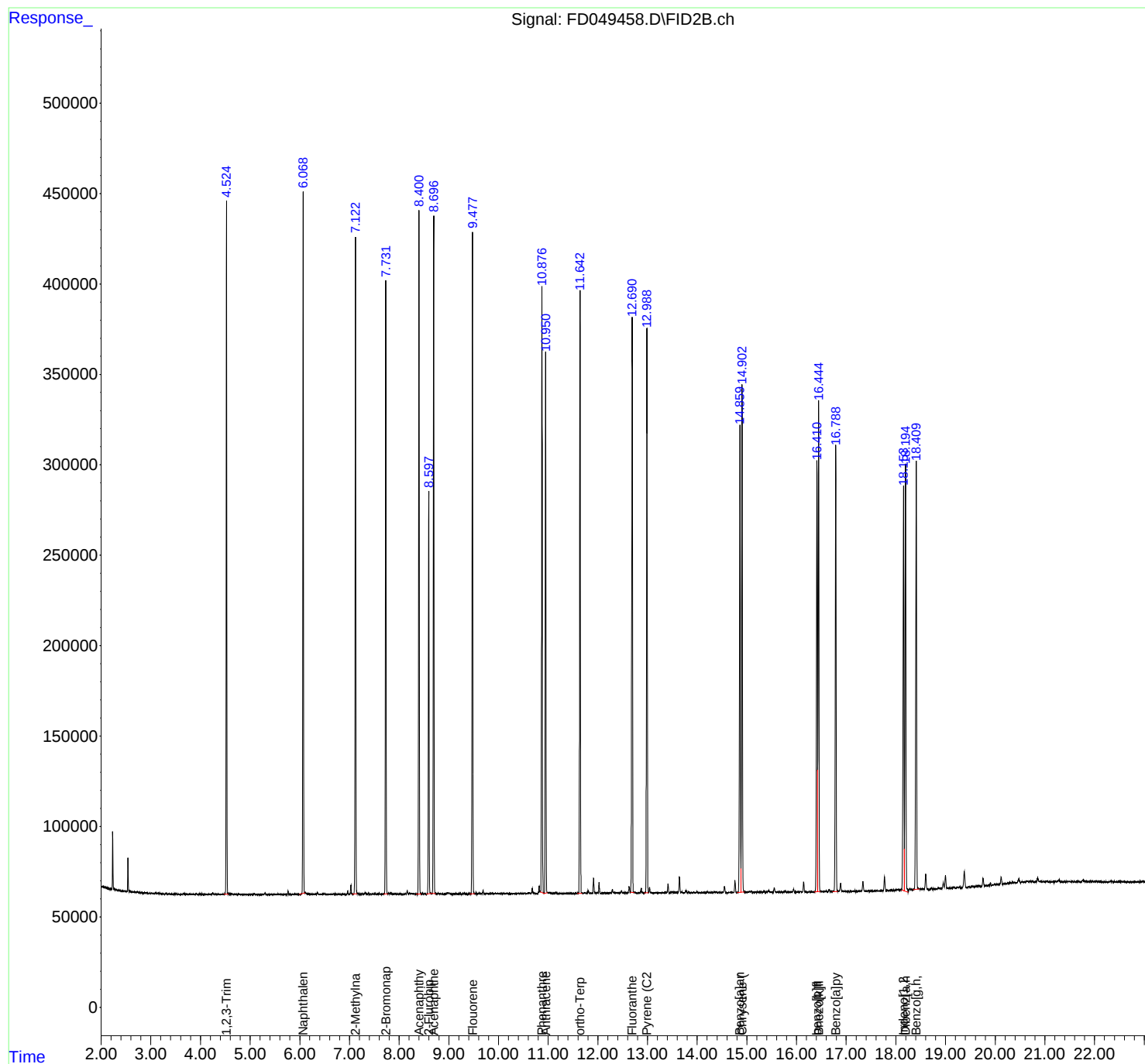
(m)=manual int.

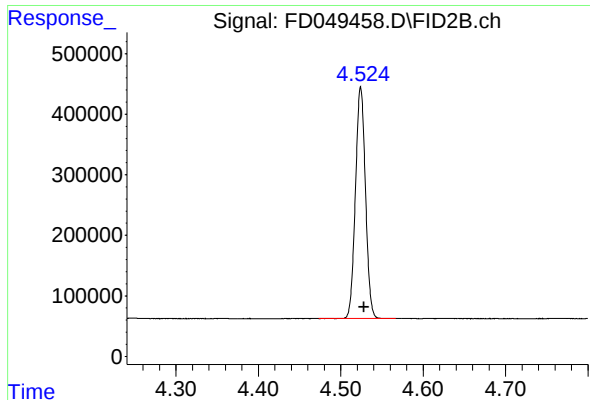
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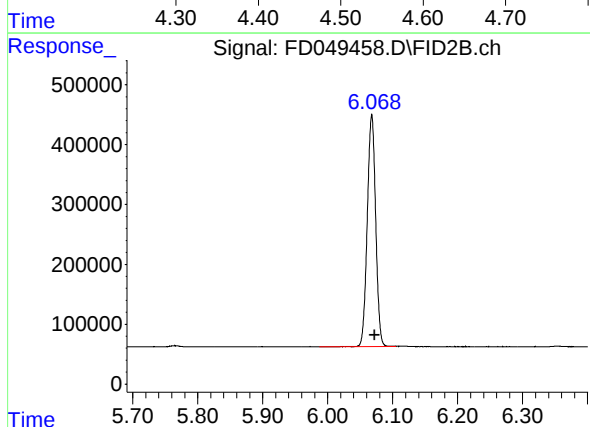




#1 1,2,3-Trimethylbenzene (C10.1)

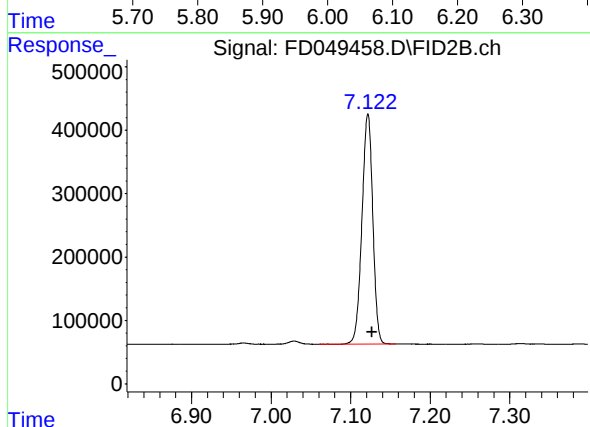
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 3230998
Conc: 20.31 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



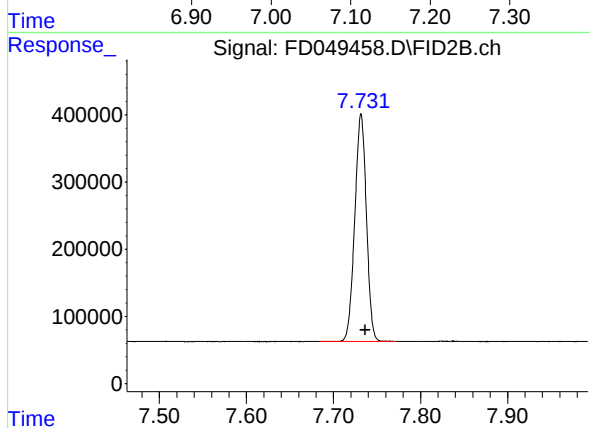
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 3464901
Conc: 19.73 ug/ml



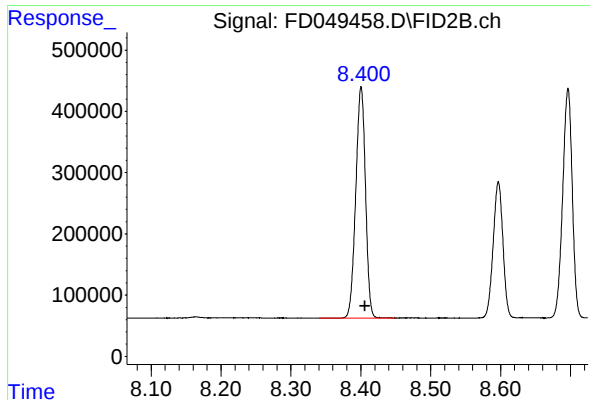
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.005 min
Response: 3435859
Conc: 19.23 ug/ml



#4 2-Bromonaphthalene (SURR)

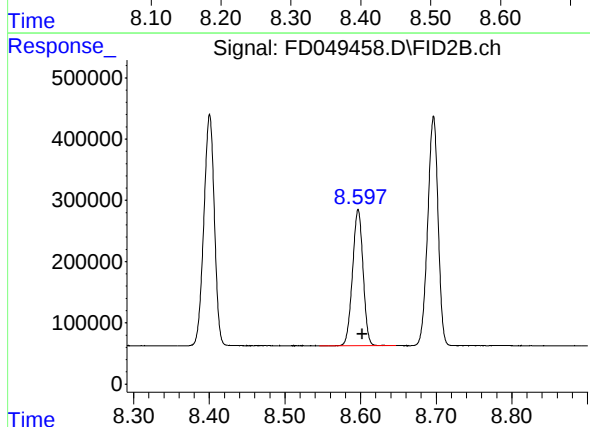
R.T.: 7.732 min
Delta R.T.: -0.005 min
Response: 3141347
Conc: 18.90 ug/ml



#5 Acenaphthylene (C15.06)

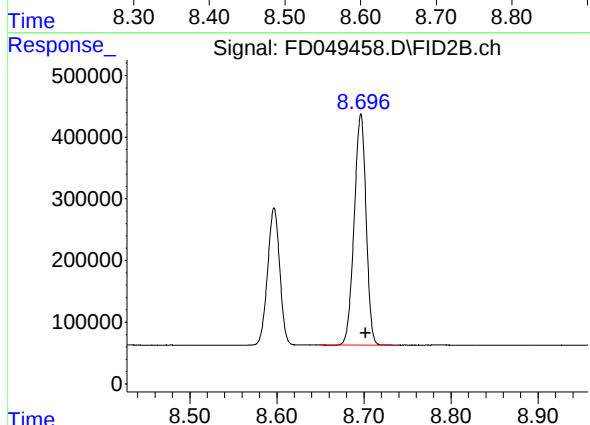
R.T.: 8.400 min
Delta R.T.: -0.006 min
Response: 3647858
Conc: 18.83 ug/ml

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20 PPM AROMATIC HC STD



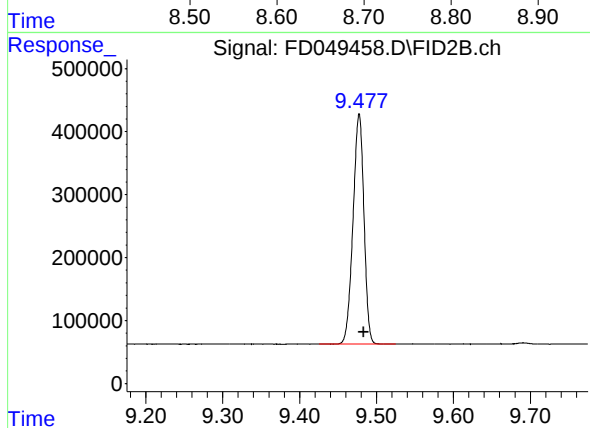
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: -0.005 min
Response: 2152135
Conc: 18.81 ug/ml



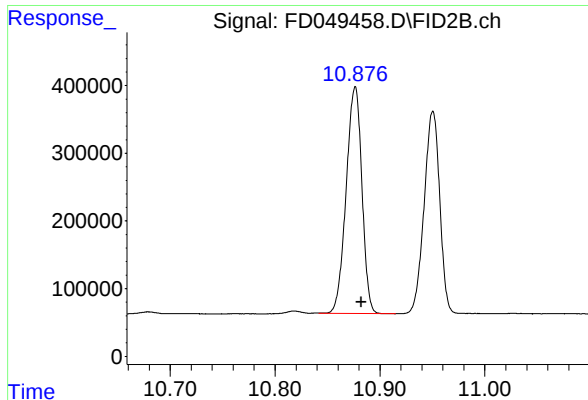
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: -0.006 min
Response: 3555148
Conc: 18.69 ug/ml



#8 Flouorene (C16.55)

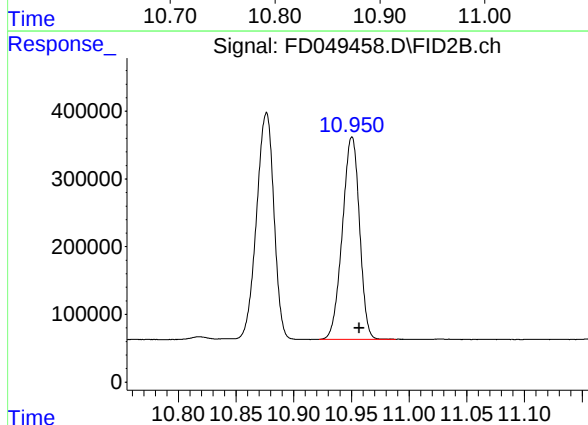
R.T.: 9.477 min
Delta R.T.: -0.006 min
Response: 3607075
Conc: 18.45 ug/ml



#9 Phenanthrene (C19.36)

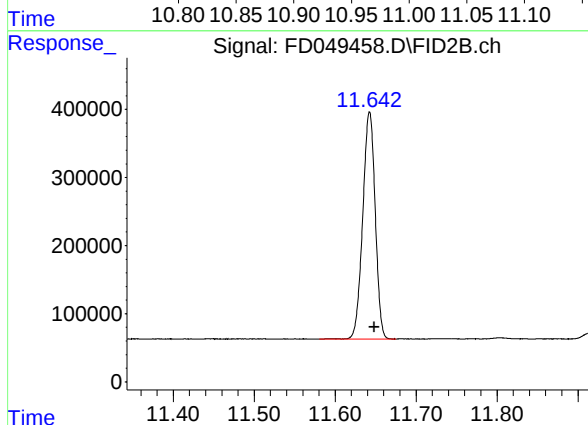
R.T.: 10.876 min
Delta R.T.: -0.006 min
Response: 3493922
Conc: 18.38 ug/ml

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20 PPM AROMATIC HC STD



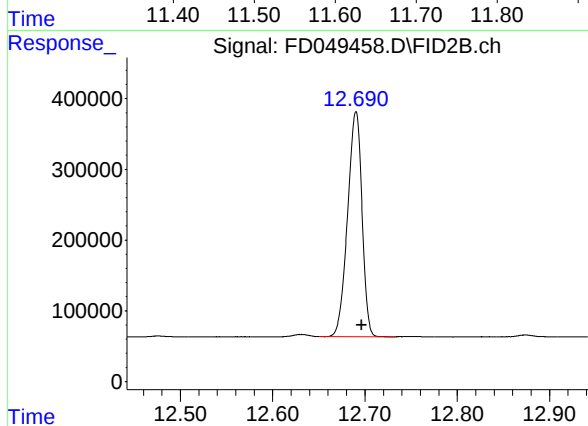
#10 Anthracene (C19.43)

R.T.: 10.951 min
Delta R.T.: -0.006 min
Response: 3087231
Conc: 17.66 ug/ml



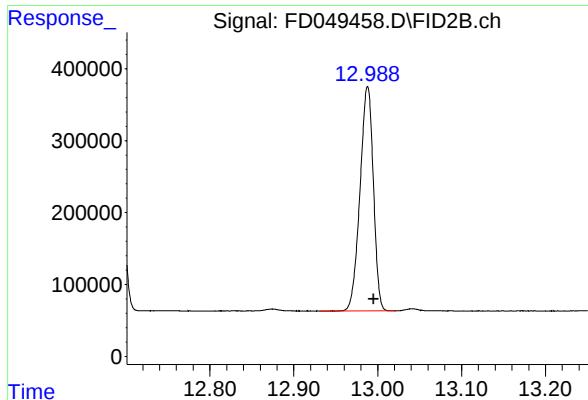
#11 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: -0.006 min
Response: 3564127
Conc: 17.76 ug/ml



#12 Fluoranthene (C21.85)

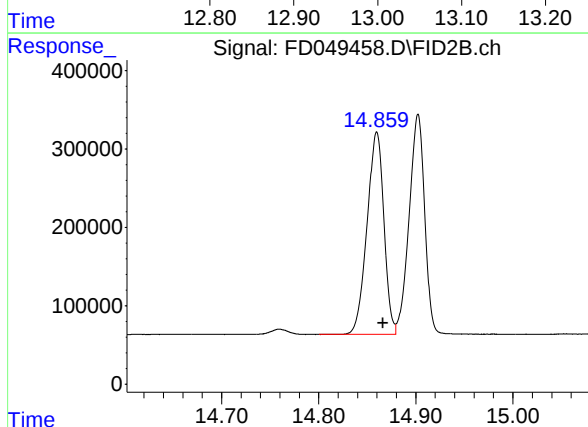
R.T.: 12.690 min
Delta R.T.: -0.006 min
Response: 3449447
Conc: 19.12 ug/ml



#13 Pyrene (C20.8)

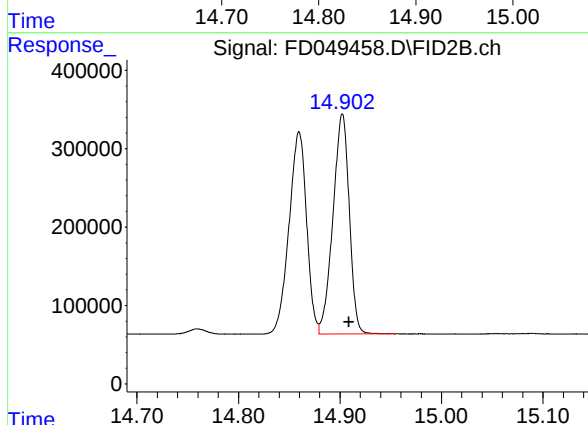
R.T.: 12.988 min
Delta R.T.: -0.007 min
Response: 3450578
Conc: 19.33 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



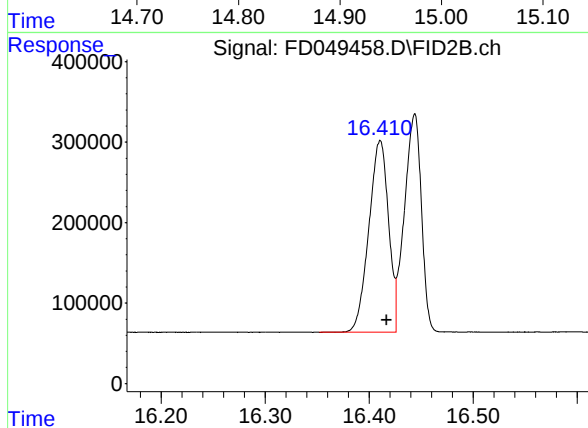
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min
Delta R.T.: -0.006 min
Response: 3105706
Conc: 20.43 ug/ml



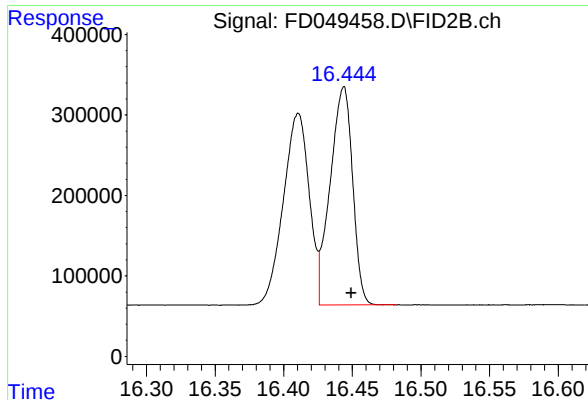
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: -0.006 min
Response: 3135092
Conc: 20.65 ug/ml



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

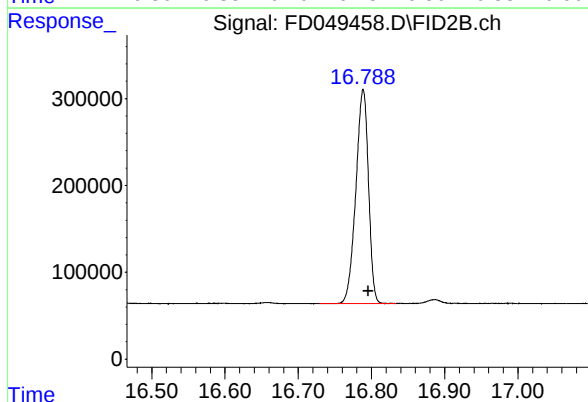
R.T.: 16.411 min
Delta R.T.: -0.006 min
Response: 3123611
Conc: 21.58 ug/ml



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

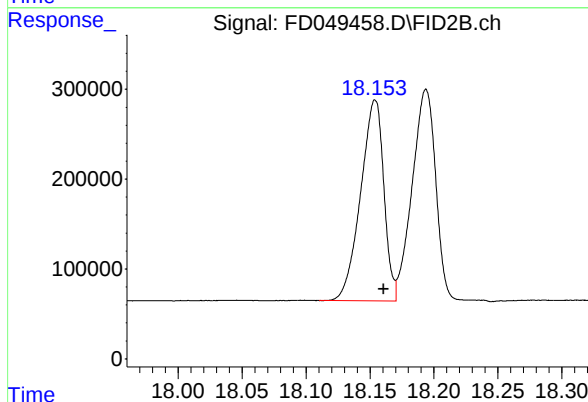
R.T.: 16.444 min
Delta R.T.: -0.006 min
Response: 3082478
Conc: 21.48 ug/ml

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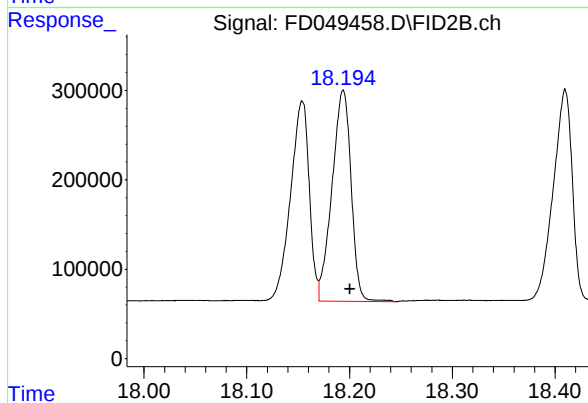
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.789 min
Delta R.T.: -0.007 min
Response: 2951433
Conc: 21.72 ug/ml



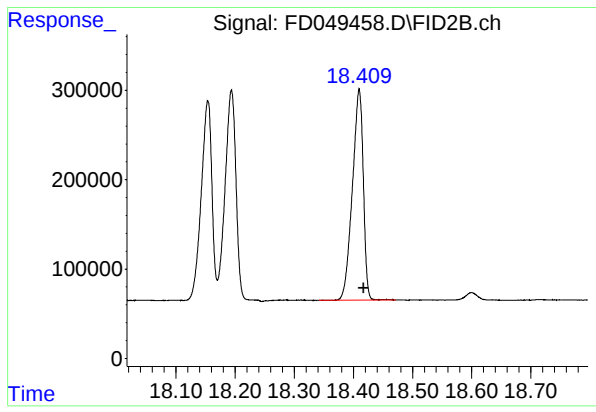
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.154 min
Delta R.T.: -0.007 min
Response: 2822621
Conc: 22.10 ug/ml



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

R.T.: 18.194 min
Delta R.T.: -0.007 min
Response: 3048668
Conc: 22.65 ug/ml



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

R.T.: 18.410 min

Delta R.T.: -0.008 min

Response: 3022767

Conc: 22.43 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD