

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061225AR\
 Data File : FD049472.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 00:04
 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 04:18:01 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	3006980	18.089 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
6) S 2-Fluorobiphenyl (SURR)	8.597	2076991	18.156 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.31%
11) S ortho-Terphenyl (SURR)	11.642	3424174	17.059 ug/ml
Spiked Amount 50.000		Recovery =	34.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	3069402	19.292 ug/ml
2) T Naphthalene (C11.7)	6.068	3323304	18.927 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	3303878	18.494 ug/ml
5) T Acenaphthylene (C15.06)	8.401	3497407	18.055 ug/ml
7) T Acenaphthene (C15.5)	8.697	3416694	17.962 ug/ml
8) T Flouorene (C16.55)	9.477	3479226	17.795 ug/ml
9) T Phenanthrene (C19.36)	10.876	3400961	17.887 ug/ml
10) T Anthracene (C19.43)	10.950	2992597	17.118 ug/ml
12) T Fluoranthene (C21.85)	12.690	3345272	18.546 ug/ml
13) T Pyrene (C20.8)	12.988	3338482	18.705 ug/ml
14) T Benzo[a]anthracene (C...	14.859	3013069	19.824 ug/ml
15) T Chrysene (C27.41)	14.901	3042161	20.033 ug/ml
16) T benzo[b]fluoranthene ...	16.409	3012089	20.809 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	2969667	20.695 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.788	2835499	20.862 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	2706769	21.191 ug/ml
20) T Dibenz[a,h]anthracene...	18.193	2955984	21.957 ug/ml
21) T Benzo[g,h,i]perylene ...	18.409	2898436	21.504 ug/ml

(f)=RT Delta > 1/2 Window

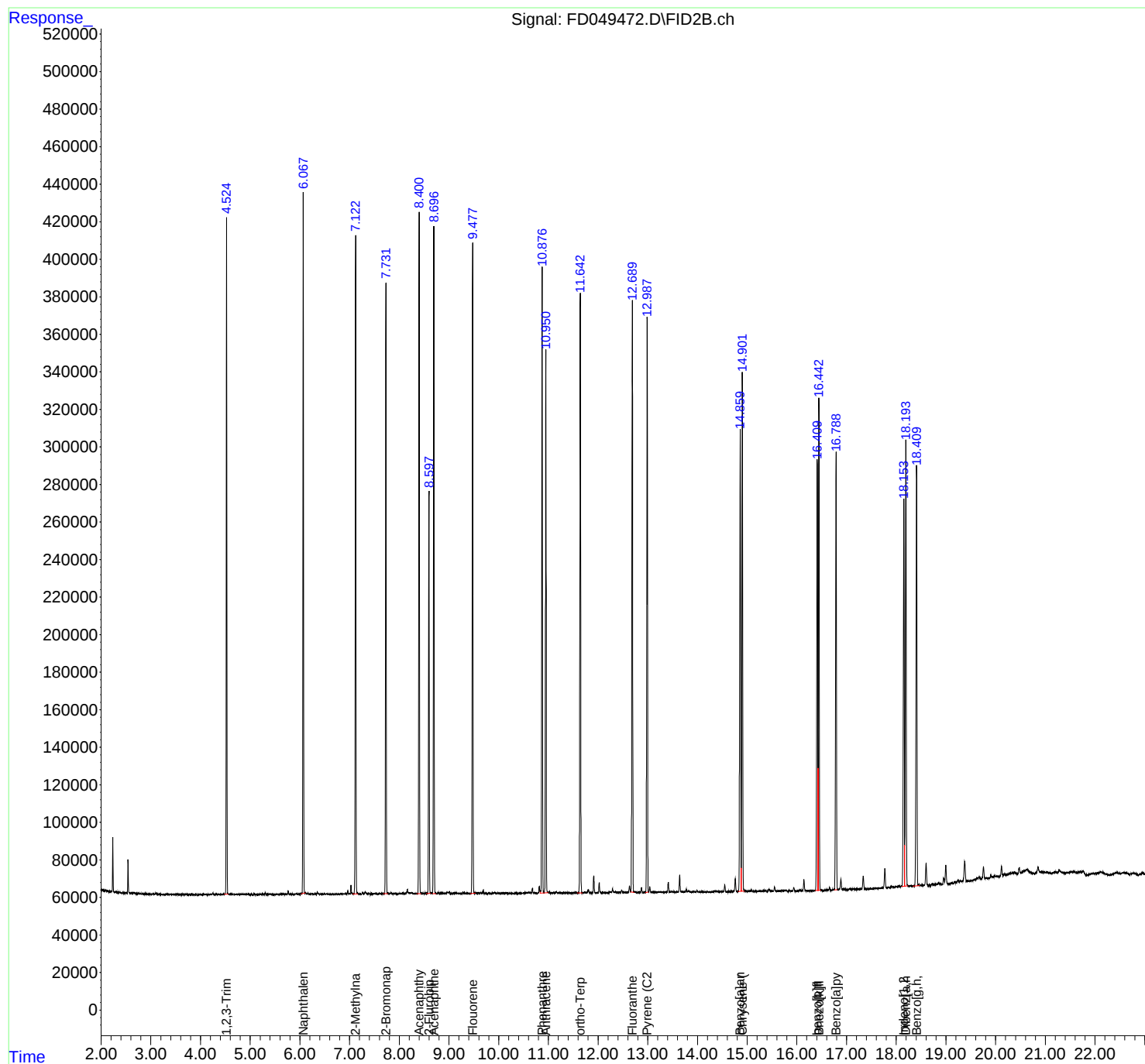
(m)=manual int.

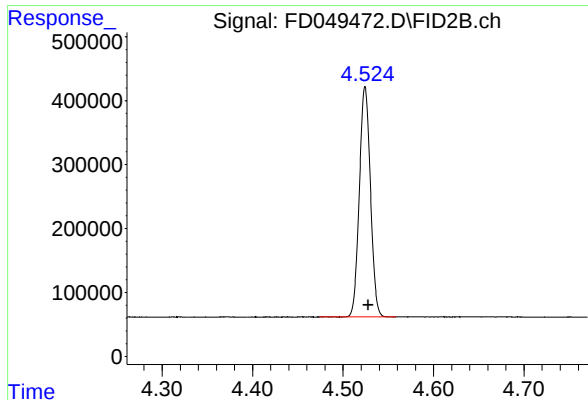
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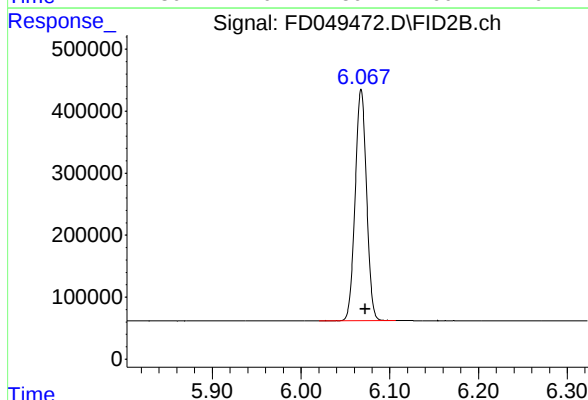




#1 1,2,3-Trimethylbenzene (C10.1)

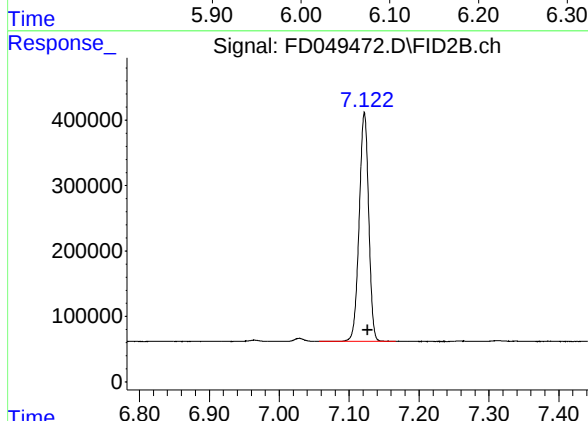
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 3069402
Conc: 19.29 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



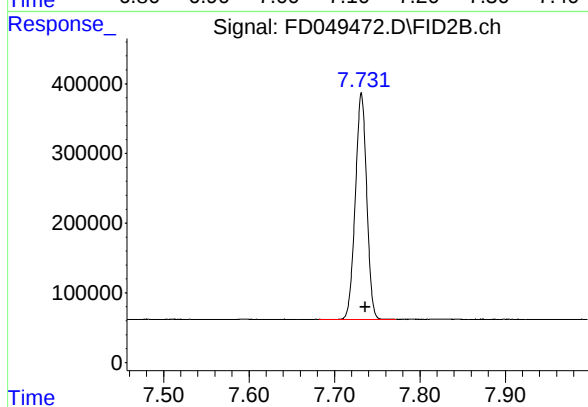
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 3323304
Conc: 18.93 ug/ml



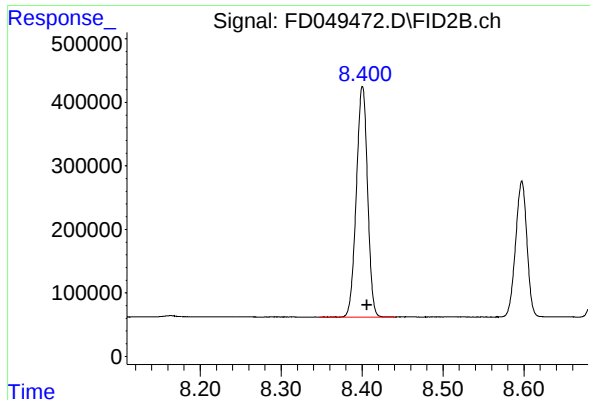
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.005 min
Response: 3303878
Conc: 18.49 ug/ml



#4 2-Bromonaphthalene (SURR)

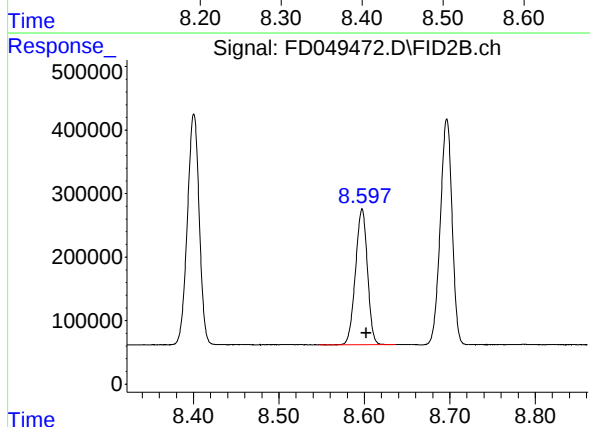
R.T.: 7.732 min
Delta R.T.: -0.005 min
Response: 3006980
Conc: 18.09 ug/ml



#5 Acenaphthylene (C15.06)

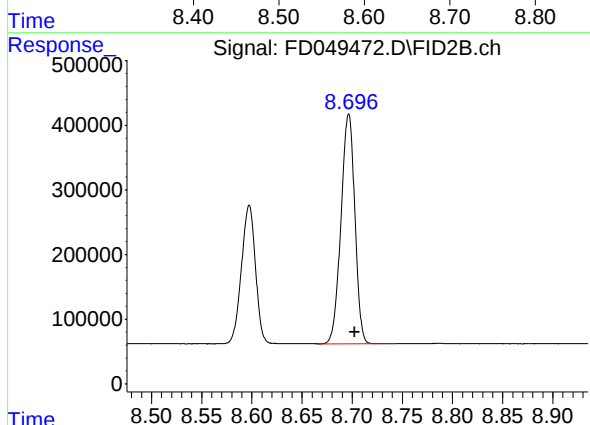
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 3497407
Conc: 18.05 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



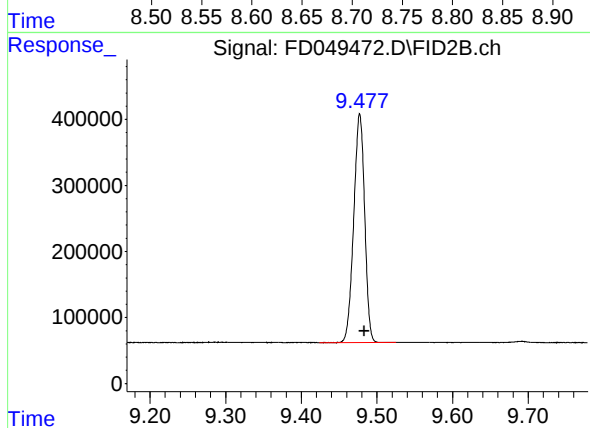
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: -0.005 min
Response: 2076991
Conc: 18.16 ug/ml



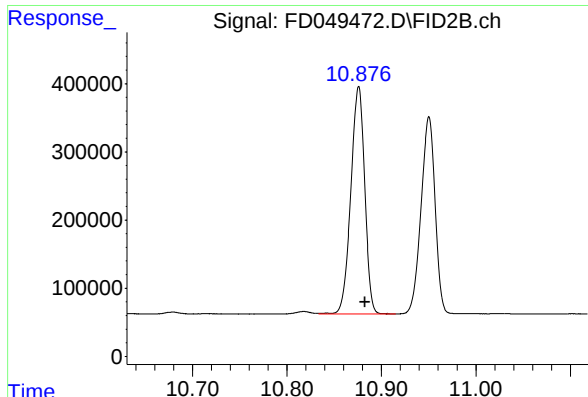
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: -0.006 min
Response: 3416694
Conc: 17.96 ug/ml



#8 Fluorene (C16.55)

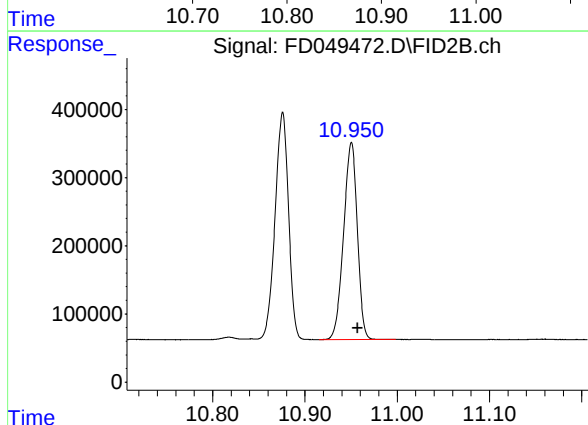
R.T.: 9.477 min
Delta R.T.: -0.006 min
Response: 3479226
Conc: 17.79 ug/ml



#9 Phenanthrene (C19.36)

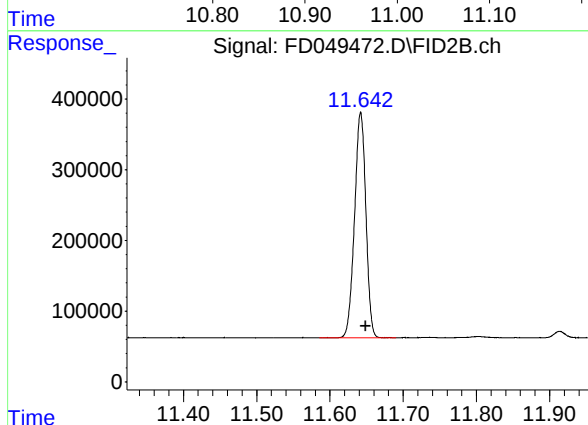
R.T.: 10.876 min
Delta R.T.: -0.006 min
Response: 3400961
Conc: 17.89 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



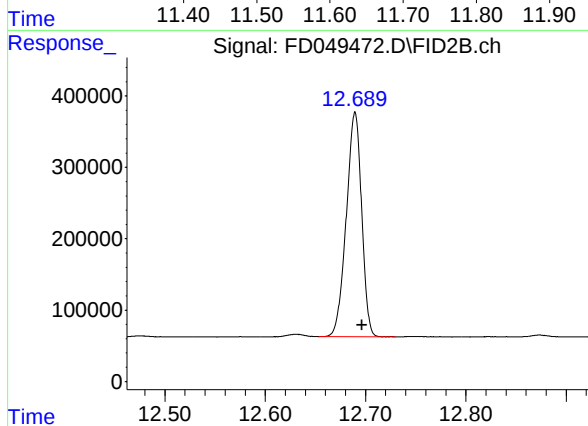
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.006 min
Response: 2992597
Conc: 17.12 ug/ml



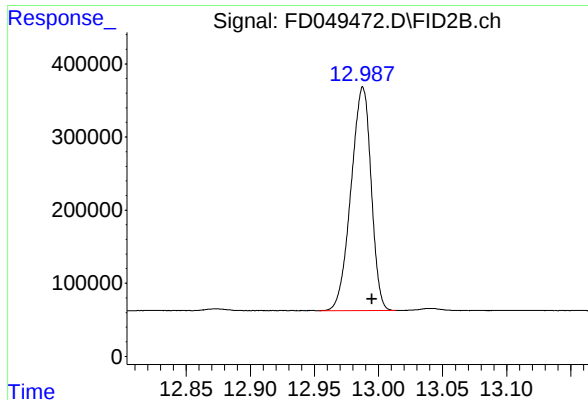
#11 ortho-Terphenyl (SURRE)

R.T.: 11.642 min
Delta R.T.: -0.006 min
Response: 3424174
Conc: 17.06 ug/ml



#12 Fluoranthene (C21.85)

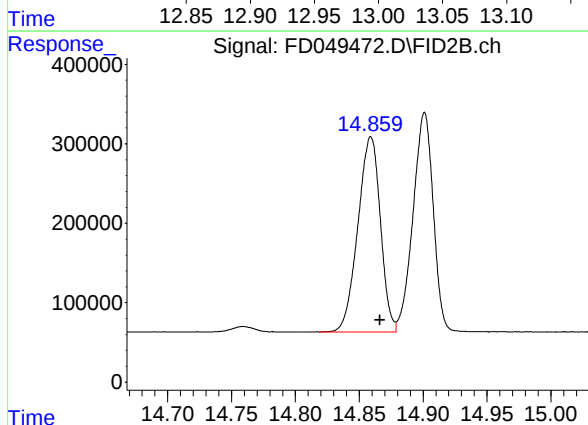
R.T.: 12.690 min
Delta R.T.: -0.007 min
Response: 3345272
Conc: 18.55 ug/ml



#13 Pyrene (C20.8)

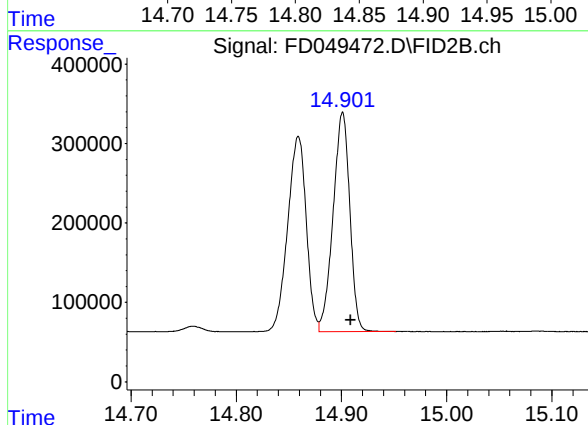
R.T.: 12.988 min
Delta R.T.: -0.007 min
Response: 3338482
Conc: 18.70 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



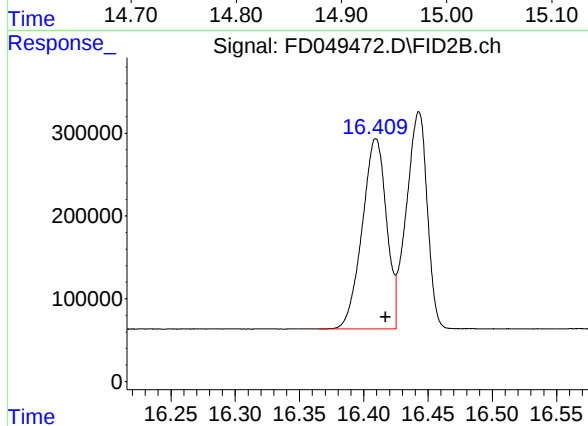
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.859 min
Delta R.T.: -0.007 min
Response: 3013069
Conc: 19.82 ug/ml



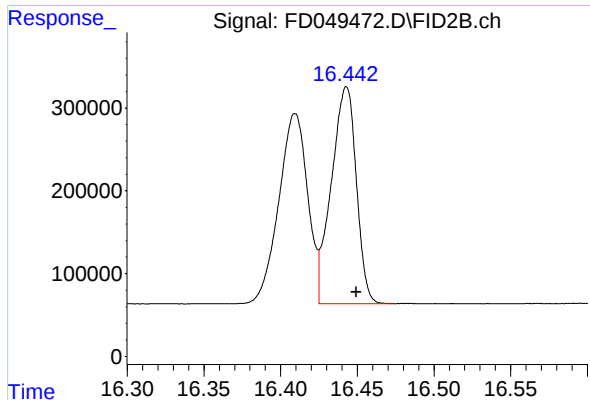
#15 Chrysene (C27.41)

R.T.: 14.901 min
Delta R.T.: -0.008 min
Response: 3042161
Conc: 20.03 ug/ml



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

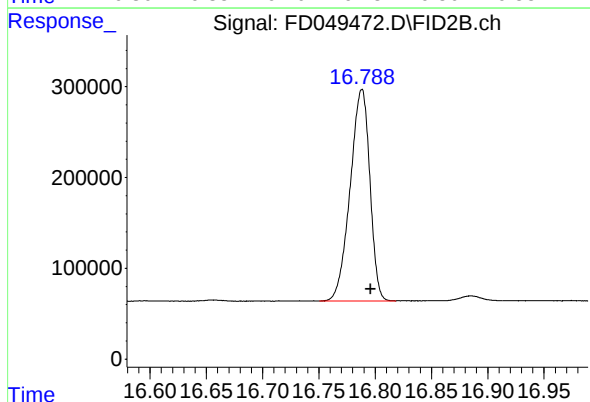
R.T.: 16.409 min
Delta R.T.: -0.007 min
Response: 3012089
Conc: 20.81 ug/ml



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

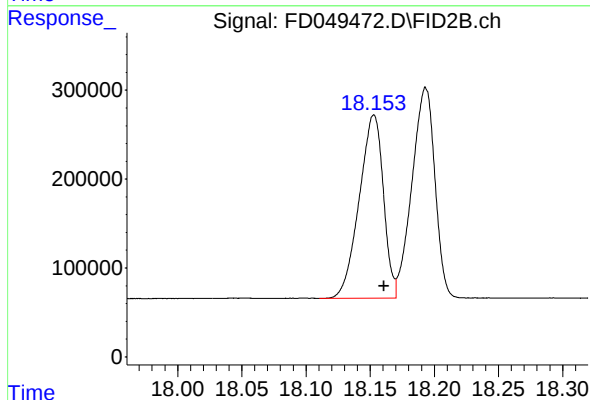
R.T.: 16.443 min
Delta R.T.: -0.006 min
Response: 2969667
Conc: 20.69 ug/ml

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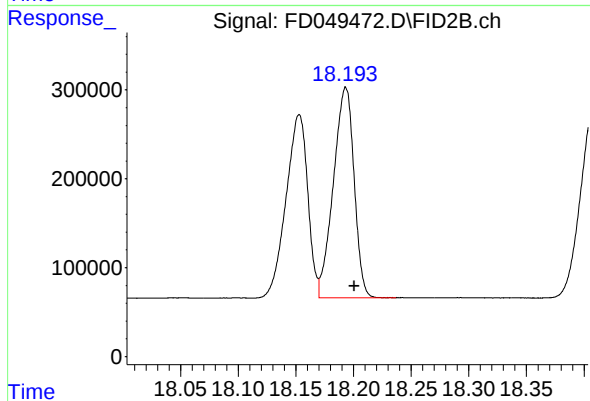
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.788 min
Delta R.T.: -0.008 min
Response: 2835499
Conc: 20.86 ug/ml



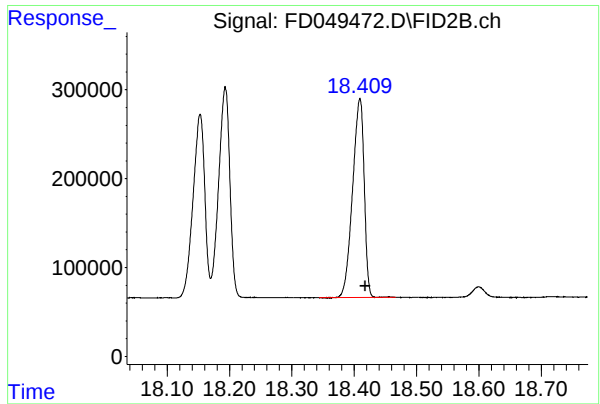
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.153 min
Delta R.T.: -0.008 min
Response: 2706769
Conc: 21.19 ug/ml



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

R.T.: 18.193 min
Delta R.T.: -0.007 min
Response: 2955984
Conc: 21.96 ug/ml



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

R.T.: 18.409 min

Delta R.T.: -0.008 min

Response: 2898436

Conc: 21.50 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD