

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
 Data File : FD049497.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jun 2025 15:28
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 18 16:14:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 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...	7.735	2514291	19.719 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
6) S 2-Fluorobiphenyl (SURR)	8.600	1796897	20.238 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.48%
11) S ortho-Terphenyl (SURR)	11.645	3183393	20.073 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2340364	20.151 ug/ml
2) T Naphthalene (C11.7)	6.073	2703465	20.141 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	2847225	20.152 ug/ml
5) T Acenaphthylene (C15.06)	8.404	3111156	19.900 ug/ml
7) T Acenaphthene (C15.5)	8.700	3023357	20.179 ug/ml
8) T Fluorene (C16.55)	9.480	3099980	20.151 ug/ml
9) T Phenanthrene (C19.36)	10.879	3214775	20.173 ug/ml
10) T Anthracene (C19.43)	10.953	3164271	20.154 ug/ml
12) T Fluoranthene (C21.85)	12.692	3206127	20.248 ug/ml
13) T Pyrene (C20.8)	12.991	3206834	20.269 ug/ml
14) T Benzo[a]anthracene (C...	14.862	3016203	20.438 ug/ml
15) T Chrysene (C27.41)	14.905	3042411	20.411 ug/ml
16) T benzo[b]fluoranthene ...	16.412	2887507	20.550 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	2727136	20.533 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.791	2809773	20.552 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.154	2494786	20.377 ug/ml
20) T Dibenz[a,h]anthracene...	18.196	2624859	20.497 ug/ml
21) T Benzo[g,h,i]perylene ...	18.411	2630799	20.581 ug/ml

(f)=RT Delta > 1/2 Window

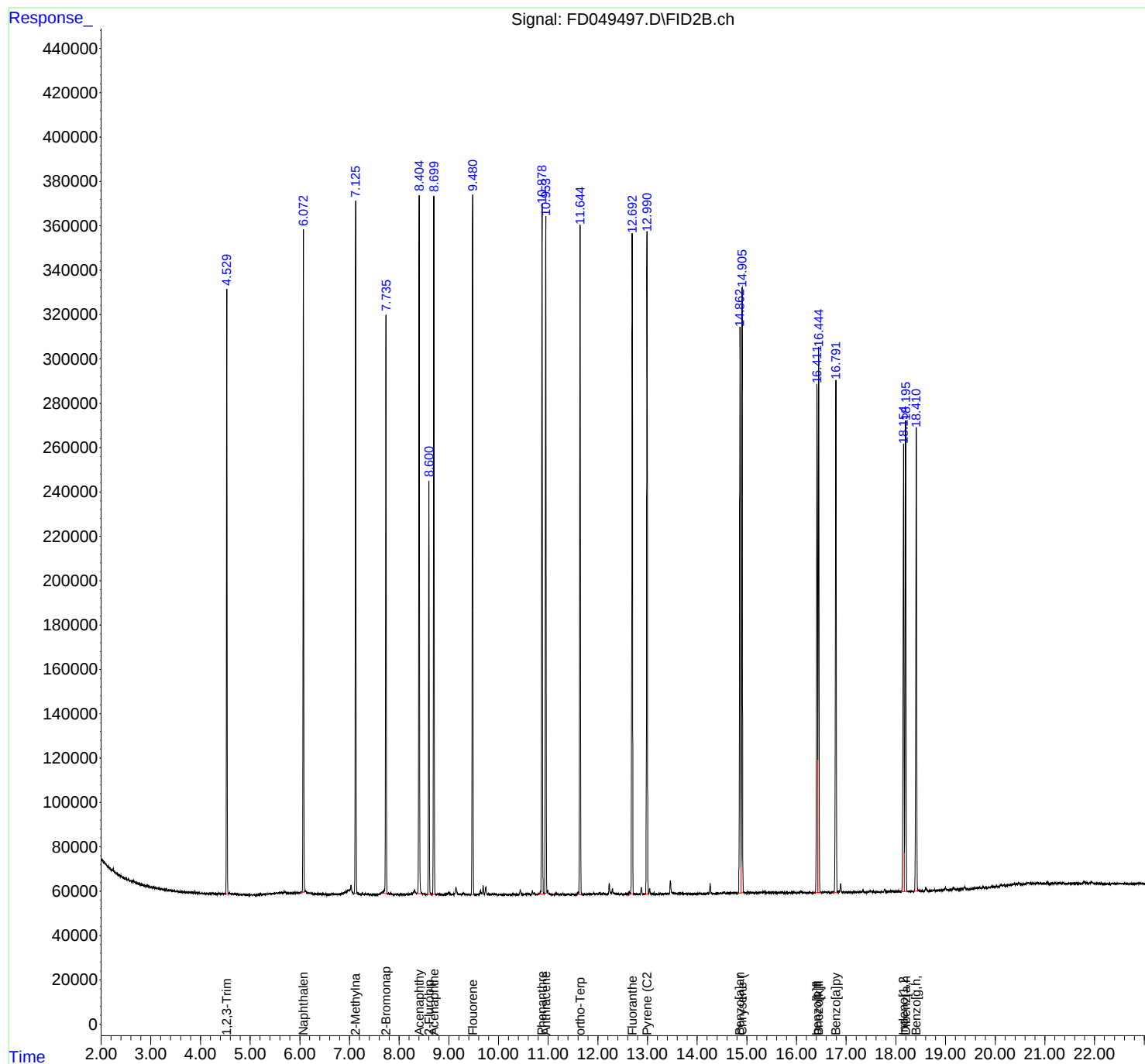
(m)=manual int.

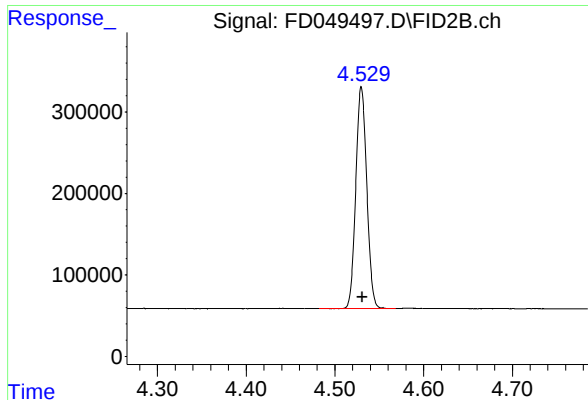
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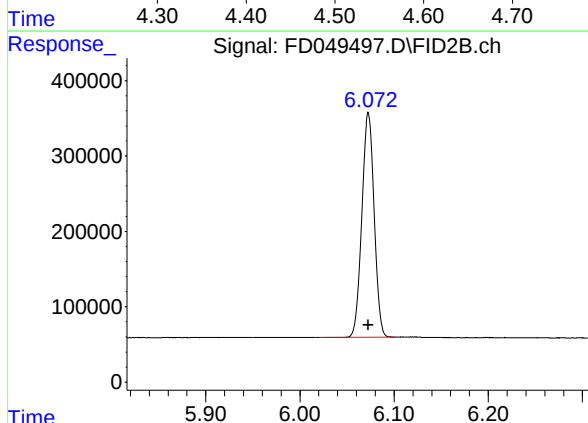




#1 1,2,3-Trimethylbenzene (C10.1)

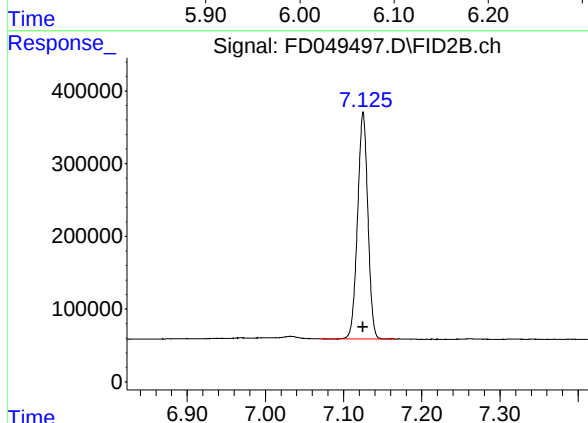
R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 2340364
Conc: 20.15 ug/ml

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20 PPM AROMATIC HC STD ICV



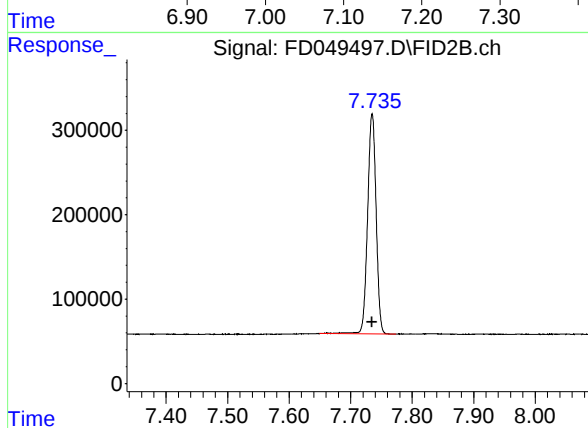
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 2703465
Conc: 20.14 ug/ml



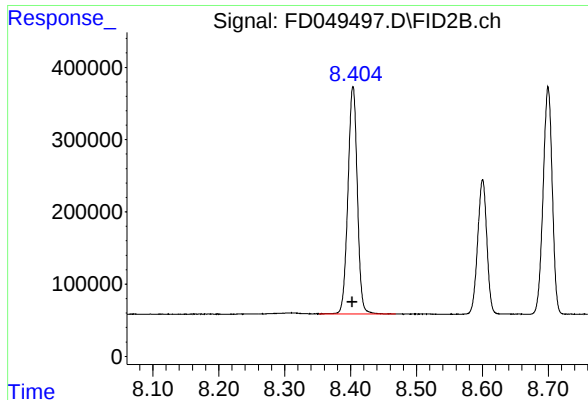
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 2847225
Conc: 20.15 ug/ml



#4 2-Bromonaphthalene (SURR)

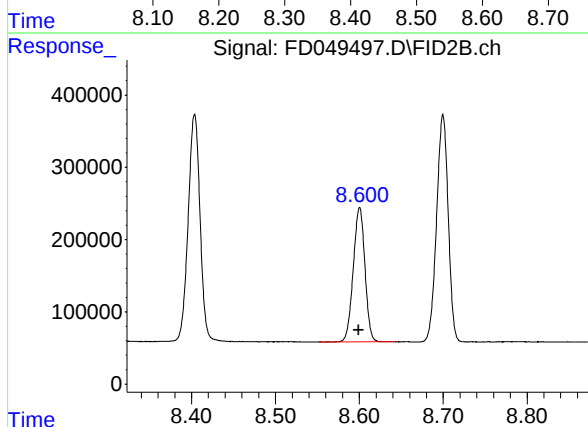
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 2514291
Conc: 19.72 ug/ml



#5 Acenaphthylene (C15.06)

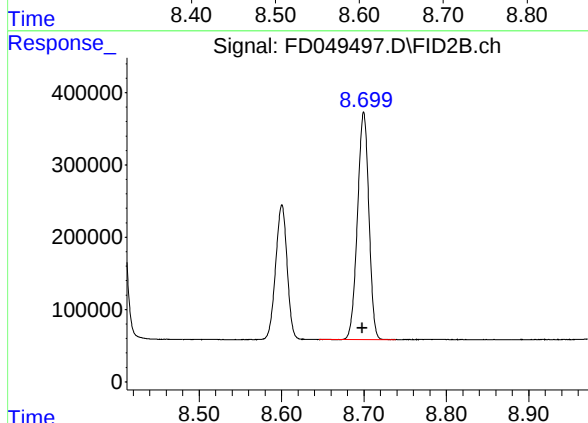
R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 3111156
Conc: 19.90 ug/ml

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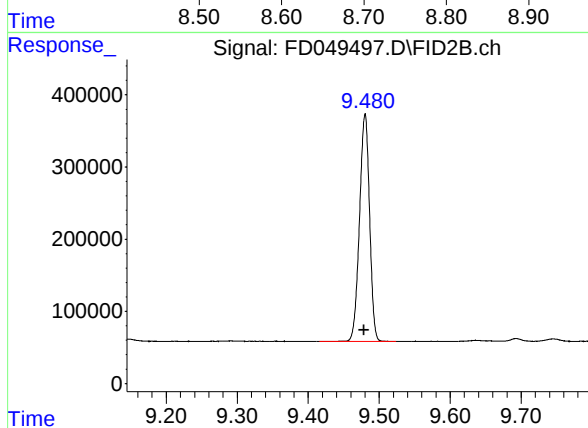
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.600 min
Delta R.T.: 0.001 min
Response: 1796897
Conc: 20.24 ug/ml



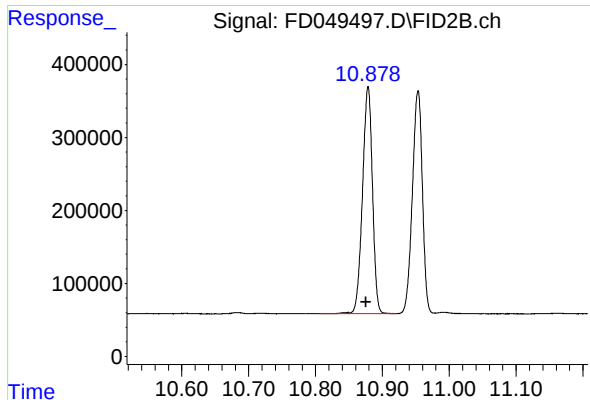
#7 Acenaphthene (C15.5)

R.T.: 8.700 min
Delta R.T.: 0.002 min
Response: 3023357
Conc: 20.18 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.480 min
Delta R.T.: 0.002 min
Response: 3099980
Conc: 20.15 ug/ml



#9 Phenanthrene (C19.36)

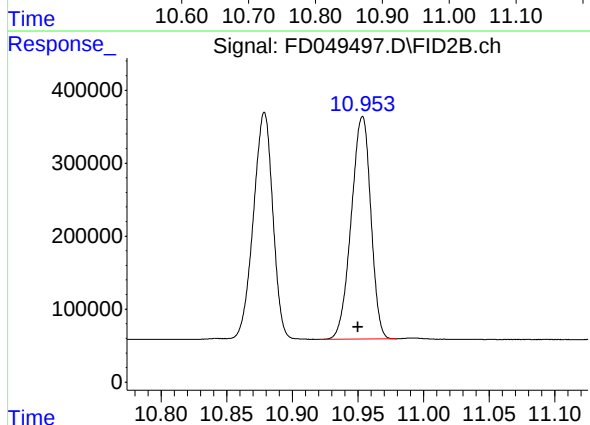
R.T.: 10.879 min
Delta R.T.: 0.003 min
Response: 3214775
Conc: 20.17 ug/ml

Instrument :

FID_D

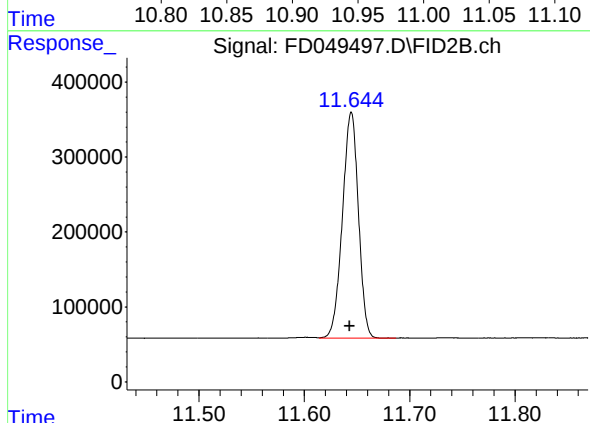
ClientSampleId :

20 PPM AROMATIC HC STD ICV



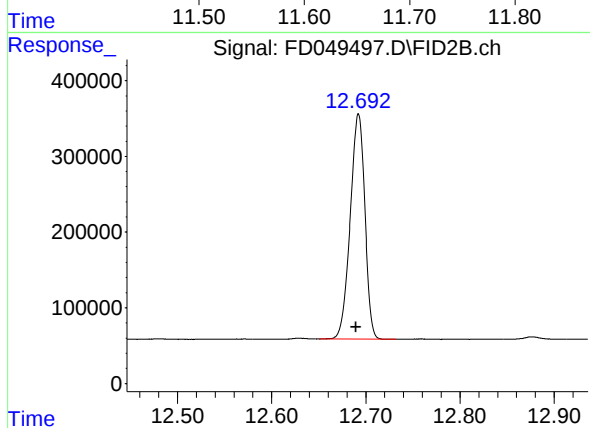
#10 Anthracene (C19.43)

R.T.: 10.953 min
Delta R.T.: 0.003 min
Response: 3164271
Conc: 20.15 ug/ml



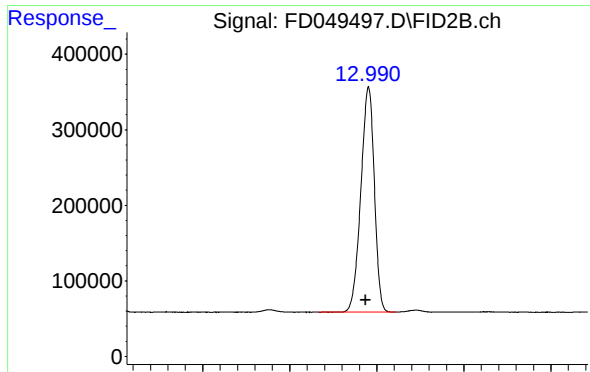
#11 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: 0.001 min
Response: 3183393
Conc: 20.07 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.692 min
Delta R.T.: 0.003 min
Response: 3206127
Conc: 20.25 ug/ml



#13 Pyrene (C20.8)

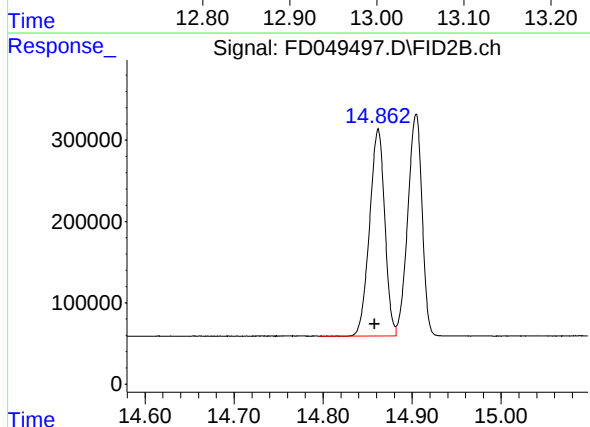
R.T.: 12.991 min
Delta R.T.: 0.003 min
Response: 3206834
Conc: 20.27 ug/ml

Instrument :

FID_D

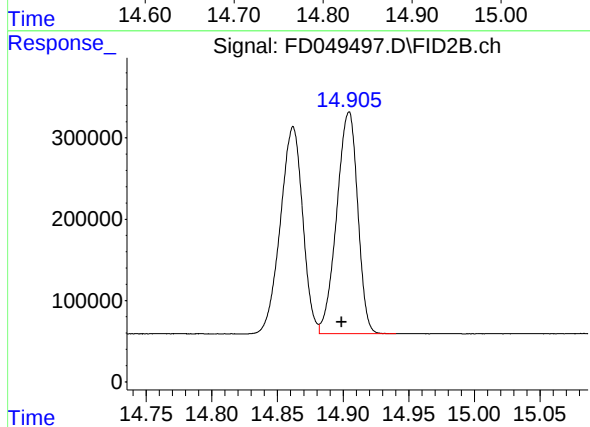
ClientSampleId :

20 PPM AROMATIC HC STD ICV



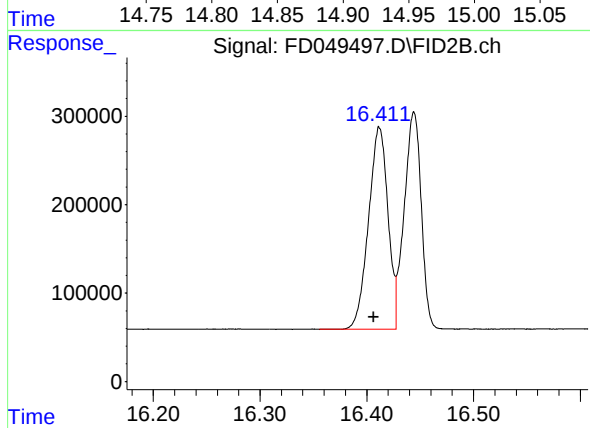
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.862 min
Delta R.T.: 0.004 min
Response: 3016203
Conc: 20.44 ug/ml



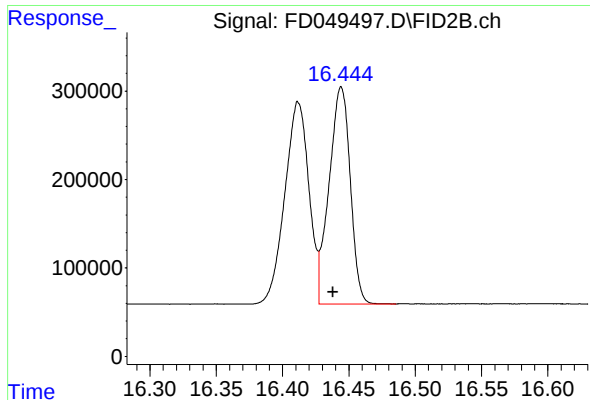
#15 Chrysene (C27.41)

R.T.: 14.905 min
Delta R.T.: 0.006 min
Response: 3042411
Conc: 20.41 ug/ml



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

R.T.: 16.412 min
Delta R.T.: 0.005 min
Response: 2887507
Conc: 20.55 ug/ml



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

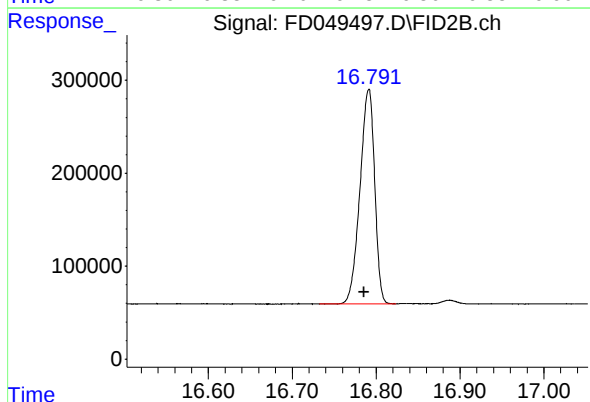
R.T.: 16.444 min
Delta R.T.: 0.006 min
Response: 2727136
Conc: 20.53 ug/ml

Instrument :

FID_D

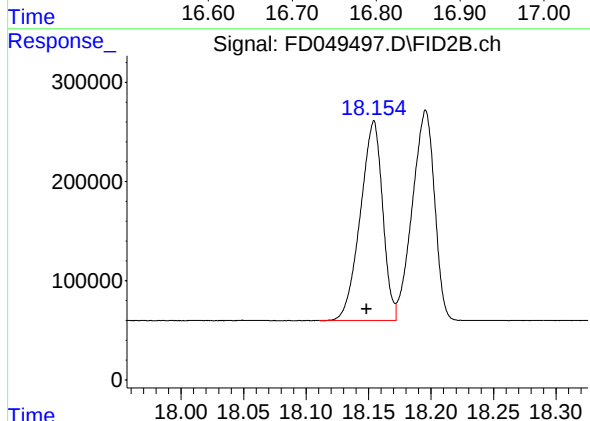
ClientSampleId :

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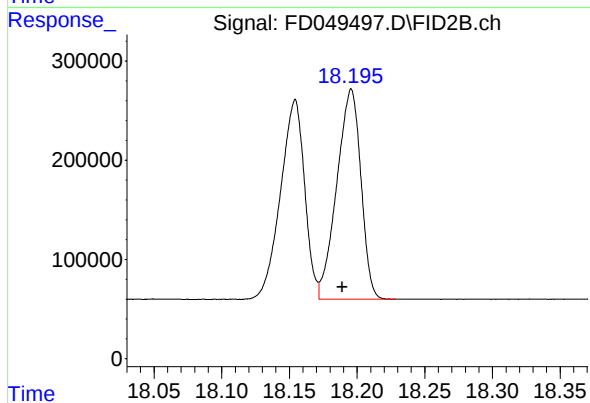
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.791 min
Delta R.T.: 0.006 min
Response: 2809773
Conc: 20.55 ug/ml



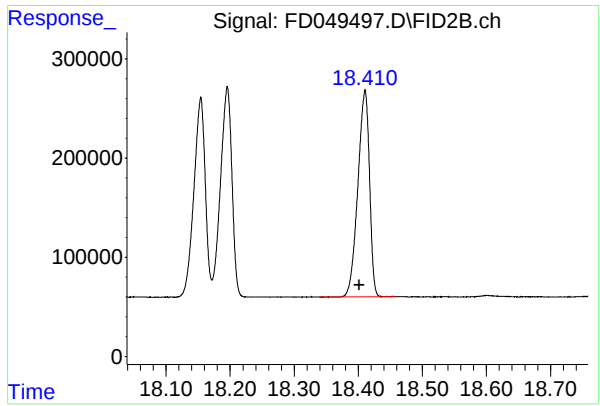
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.154 min
Delta R.T.: 0.006 min
Response: 2494786
Conc: 20.38 ug/ml



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

R.T.: 18.196 min
Delta R.T.: 0.006 min
Response: 2624859
Conc: 20.50 ug/ml



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

R.T.: 18.411 min
Delta R.T.: 0.009 min
Response: 2630799
Conc: 20.58 ug/ml

Instrument :

FID_D

ClientSampleId :

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