

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
 Data File : FD049494.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jun 2025 12:39
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jun 18 13:06:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 13:06:40 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...	7.736	2512167	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.601	1775279	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.646	3191768	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2292006	20.000 ug/ml
2) T Naphthalene (C11.7)	6.073	2656165	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.126	2804620	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.405	3074169	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.701	2997274	20.000 ug/ml
8) T Fluorene (C16.55)	9.481	3082096	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.880	3217385	20.000 ug/ml
10) T Anthracene (C19.43)	10.955	3174468	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.693	3213505	20.000 ug/ml
13) T Pyrene (C20.8)	12.991	3211070	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.863	3007187	20.000 ug/ml
15) T Chrysene (C27.41)	14.905	3032347	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.413	2855550	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.445	2704394	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.792	2780829	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.155	2464813	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.195	2591426	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.411	2599902	20.000 ug/ml

(f)=RT Delta > 1/2 Window

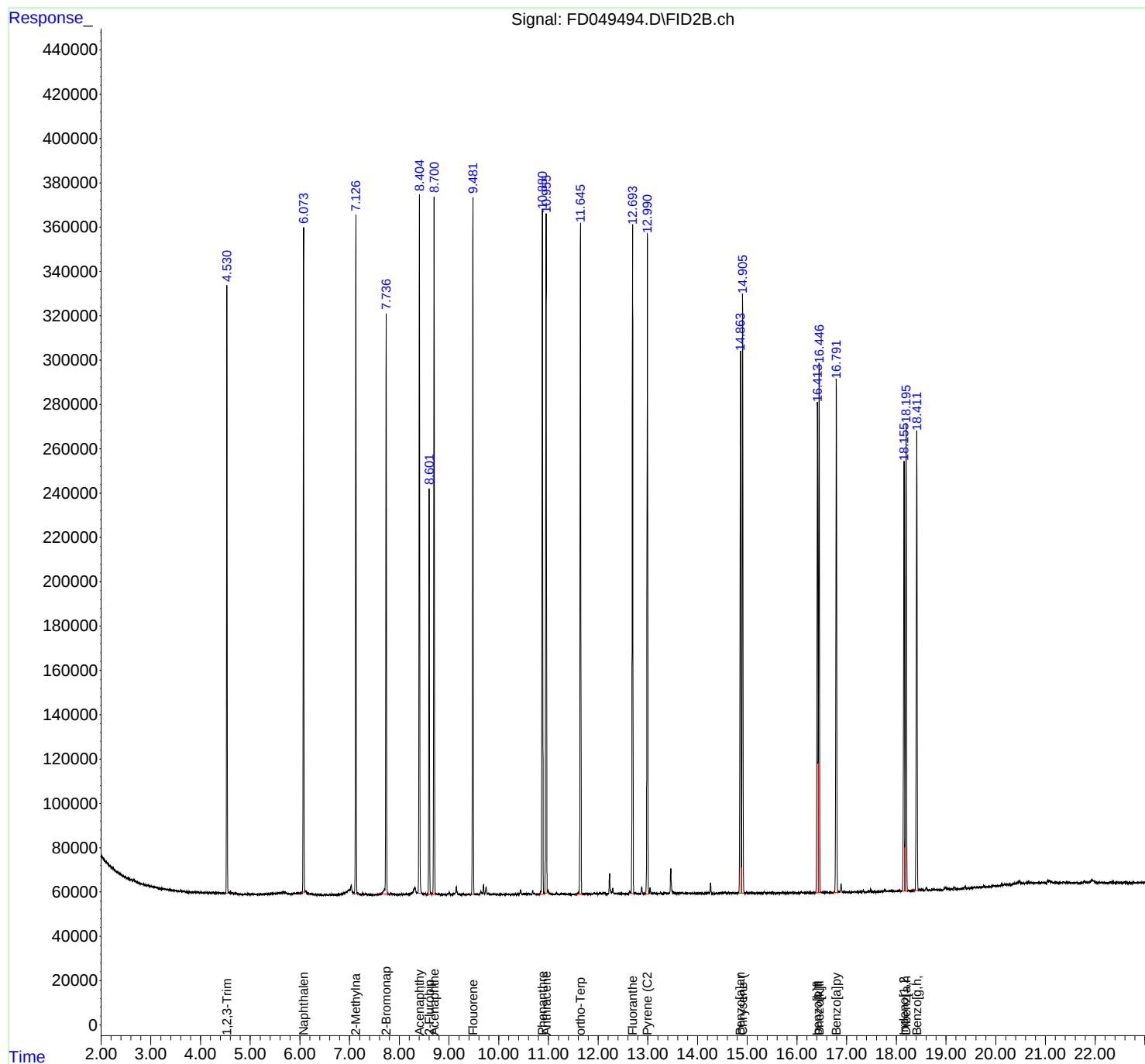
(m)=manual int.

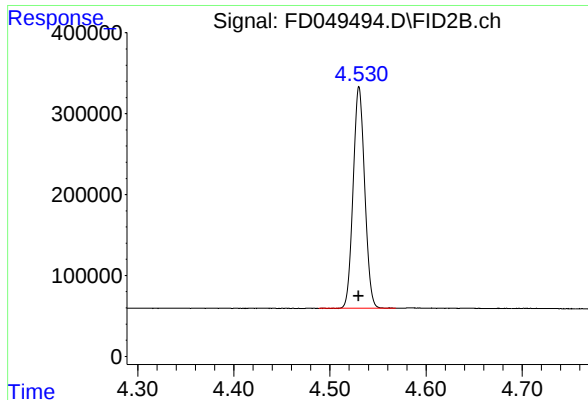
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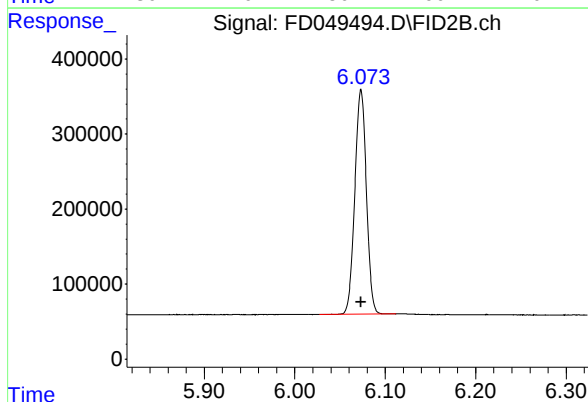




#1 1,2,3-Trimethylbenzene (C10.1)

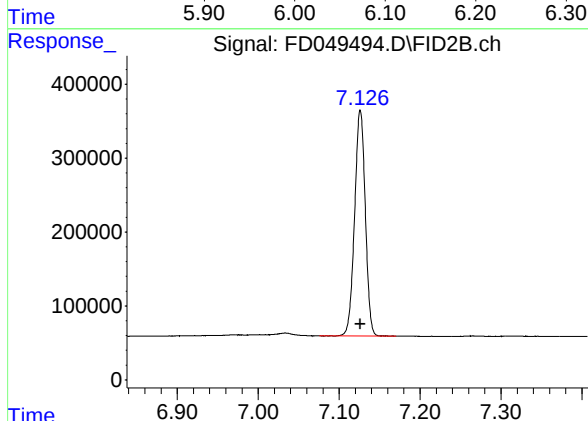
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 2292006
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



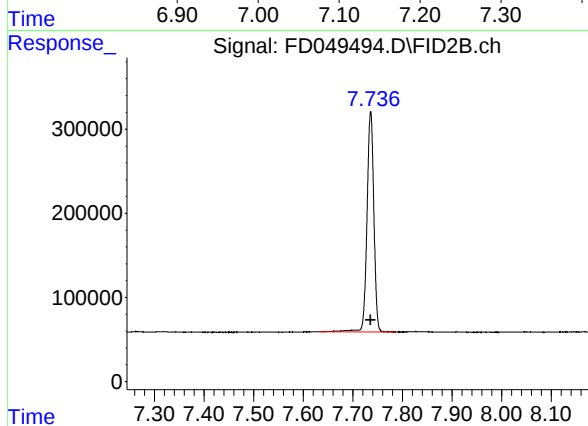
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 2656165
Conc: 20.00 ug/ml



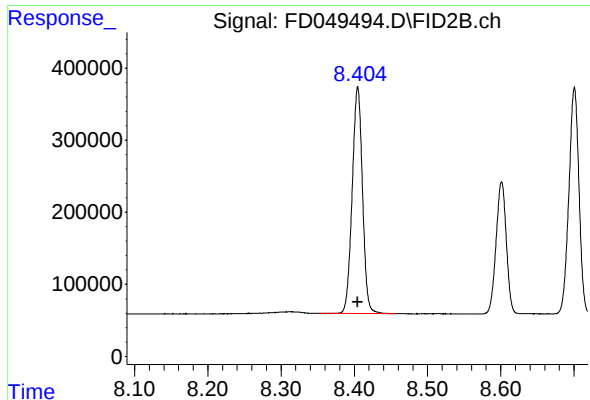
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 2804620
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

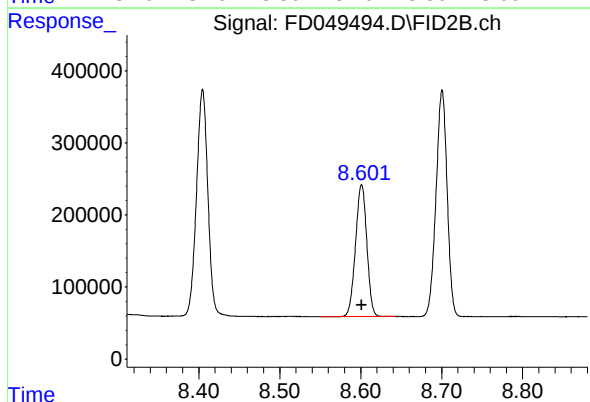
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 2512167
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

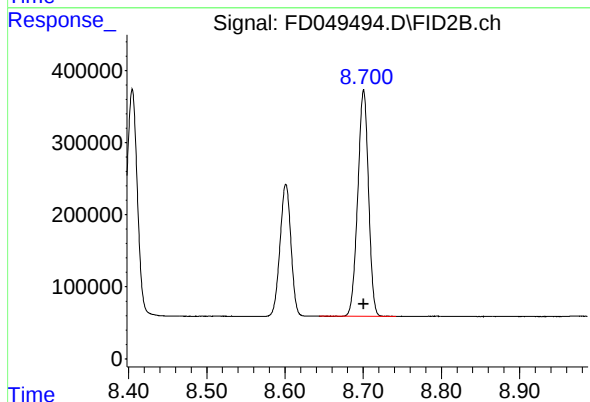
R.T.: 8.405 min
Delta R.T.: 0.000 min
Response: 3074169
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



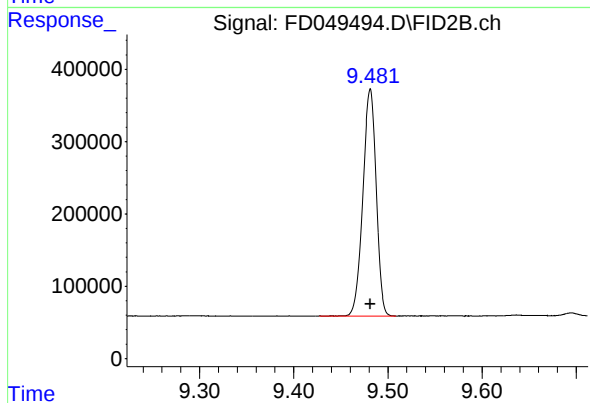
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 1775279
Conc: 20.00 ug/ml



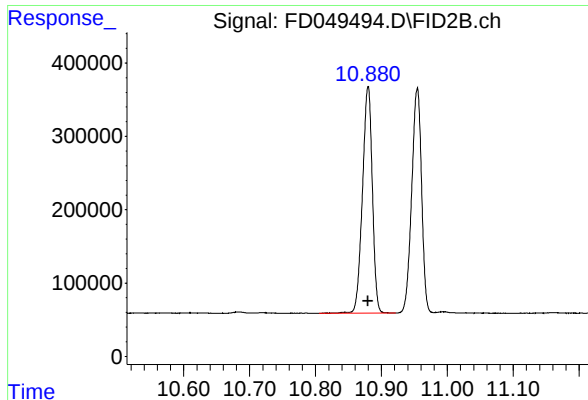
#7 Acenaphthene (C15.5)

R.T.: 8.701 min
Delta R.T.: 0.000 min
Response: 2997274
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

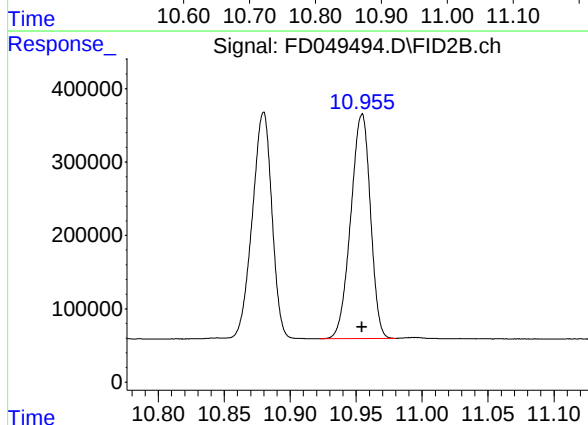
R.T.: 9.481 min
Delta R.T.: 0.000 min
Response: 3082096
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

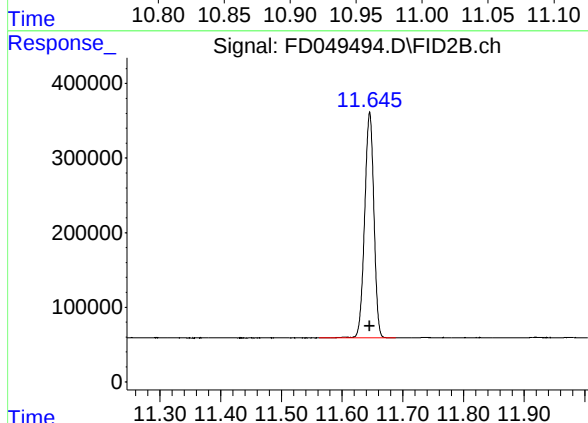
R.T.: 10.880 min
Delta R.T.: 0.000 min
Response: 3217385
Conc: 20.00 ug/ml

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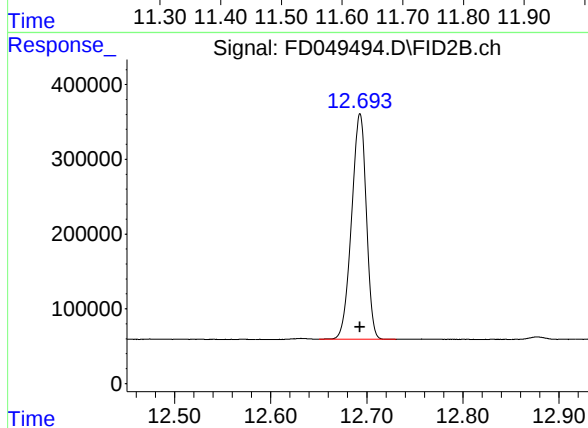
#10 Anthracene (C19.43)

R.T.: 10.955 min
Delta R.T.: 0.000 min
Response: 3174468
Conc: 20.00 ug/ml



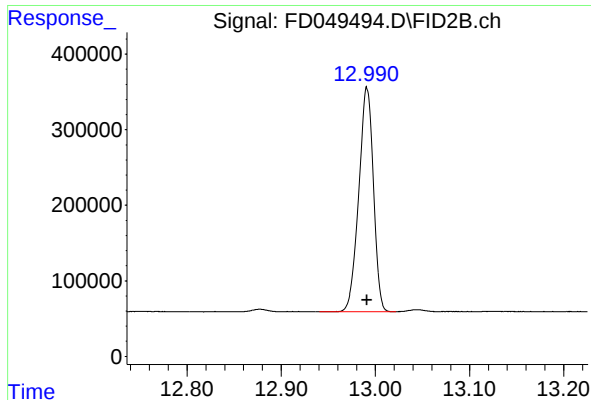
#11 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: 0.000 min
Response: 3191768
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

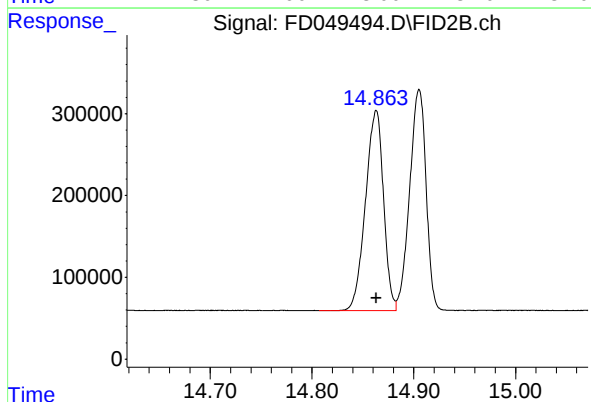
R.T.: 12.693 min
Delta R.T.: 0.000 min
Response: 3213505
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

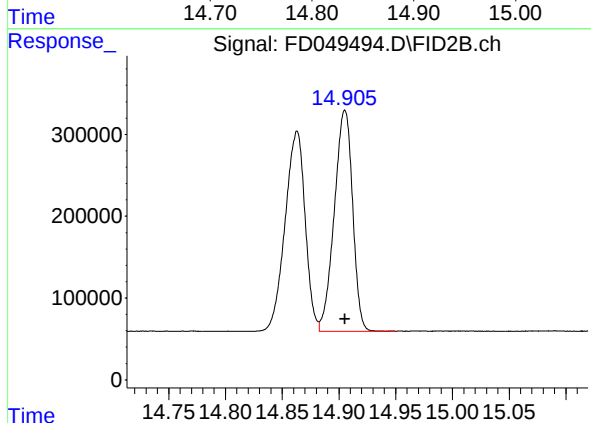
R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 3211070
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



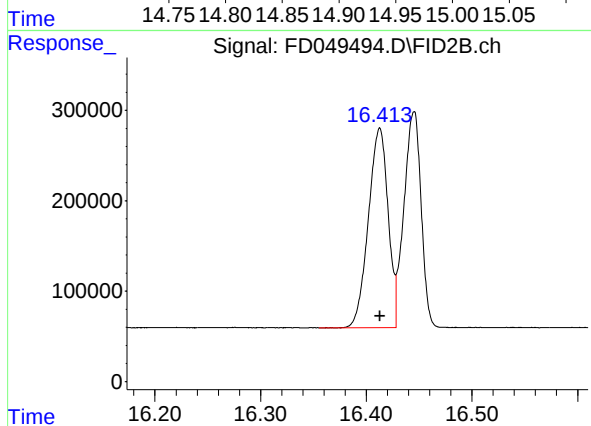
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.863 min
Delta R.T.: 0.000 min
Response: 3007187
Conc: 20.00 ug/ml



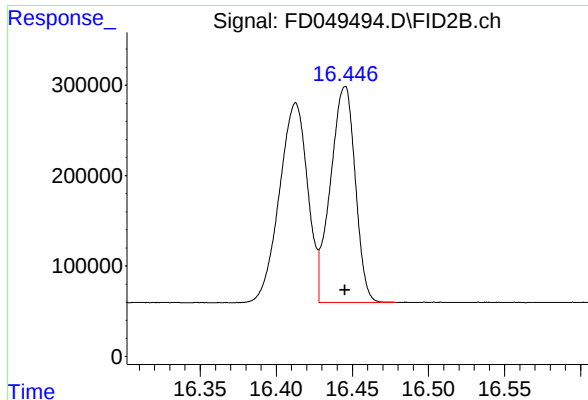
#15 Chrysene (C27.41)

R.T.: 14.905 min
Delta R.T.: 0.000 min
Response: 3032347
Conc: 20.00 ug/ml



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

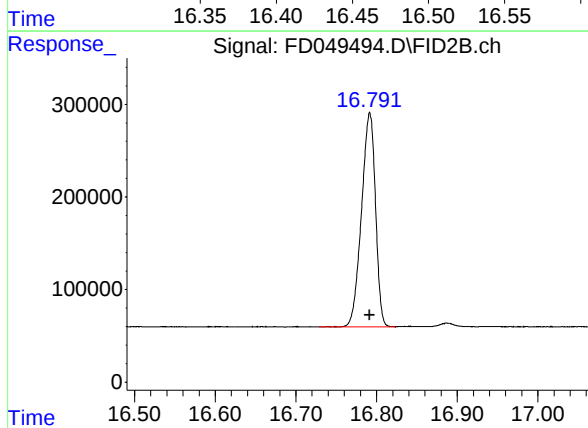
R.T.: 16.413 min
Delta R.T.: 0.000 min
Response: 2855550
Conc: 20.00 ug/ml



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

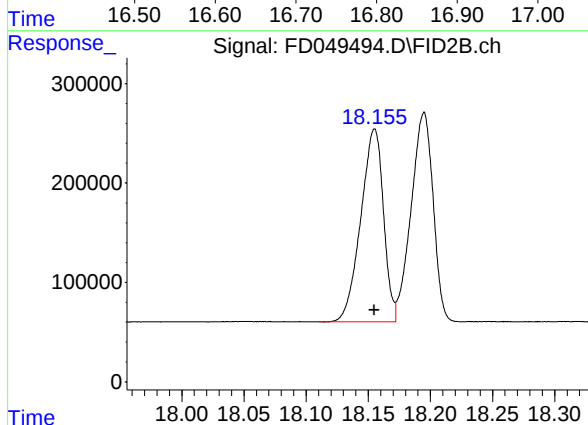
R.T.: 16.445 min
Delta R.T.: 0.000 min
Response: 2704394
Conc: 20.00 ug/ml

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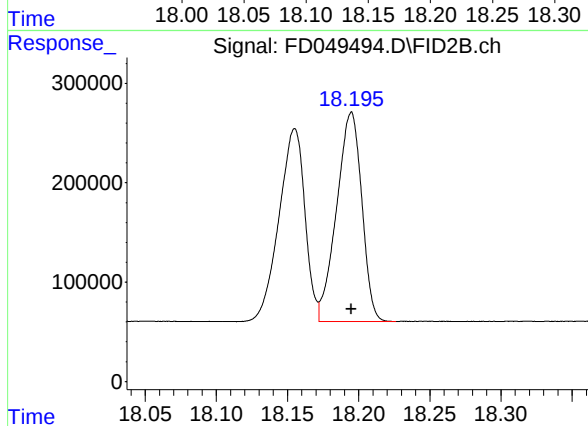
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.792 min
Delta R.T.: 0.000 min
Response: 2780829
Conc: 20.00 ug/ml



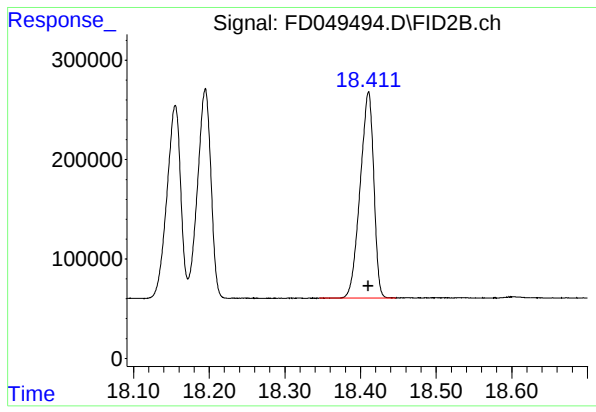
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.155 min
Delta R.T.: 0.000 min
Response: 2464813
Conc: 20.00 ug/ml



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

R.T.: 18.195 min
Delta R.T.: 0.000 min
Response: 2591426
Conc: 20.00 ug/ml



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

R.T.: 18.411 min
Delta R.T.: 0.000 min
Response: 2599902
Conc: 20.00 ug/ml

Instrument :

FID_D

ClientSampleId :

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