

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100325AR\
 Data File : FD049814.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2025 10:19
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 04 04:17:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 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...	7.699	2515942	21.175 ug/ml
Spiked Amount 50.000		Recovery =	42.35%
6) S 2-Fluorobiphenyl (SURR)	8.563	1792968	21.119 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.24%
11) S ortho-Terphenyl (SURR)	11.609	3139292	21.029 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	2389570	21.027 ug/ml
2) T Naphthalene (C11.7)	6.034	2781803	21.084 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	2912538	21.050 ug/ml
5) T Acenaphthylene (C15.06)	8.367	3056804	20.922 ug/ml
7) T Acenaphthene (C15.5)	8.663	3064094	21.043 ug/ml
8) T Flouorene (C16.55)	9.444	3067168	21.003 ug/ml
9) T Phenanthrene (C19.36)	10.841	3069682	20.999 ug/ml
10) T Anthracene (C19.43)	10.916	2660462	19.578 ug/ml
12) T Fluoranthene (C21.85)	12.655	3001748	21.070 ug/ml
13) T Pyrene (C20.8)	12.953	2969937	21.127 ug/ml
14) T Benzo[a]anthracene (C...	14.824	2617264	20.810 ug/ml
15) T Chrysene (C27.41)	14.867	2700462	21.020 ug/ml
16) T benzo[b]fluoranthene ...	16.375	2622357	21.052 ug/ml
17) T Bnezo[k]fluoranthene ...	16.407	2473488	21.057 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.753	2515850	20.731 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.117	2333681	20.755 ug/ml
20) T Dibenz[a,h]anthracene...	18.158	2738700	22.401 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	2487980	20.802 ug/ml

(f)=RT Delta > 1/2 Window

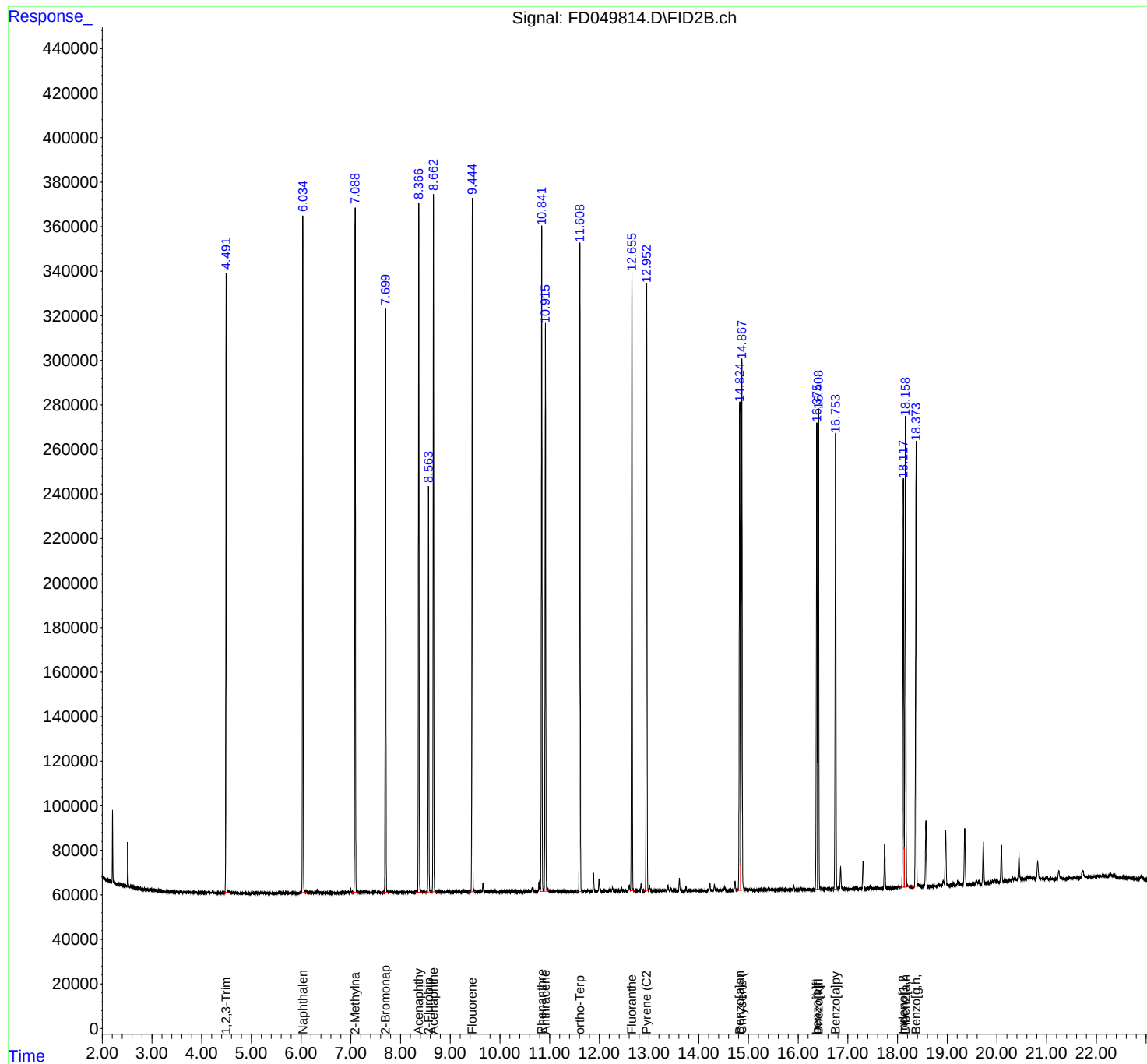
(m)=manual int.

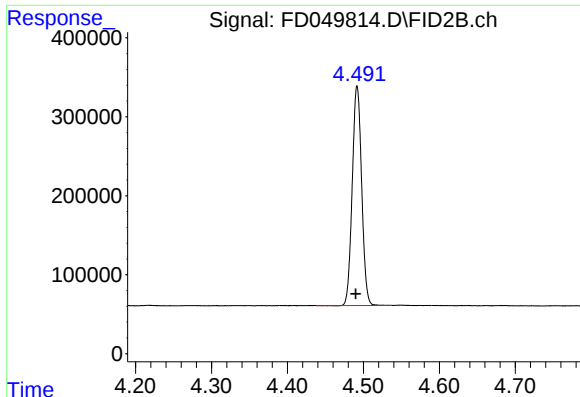
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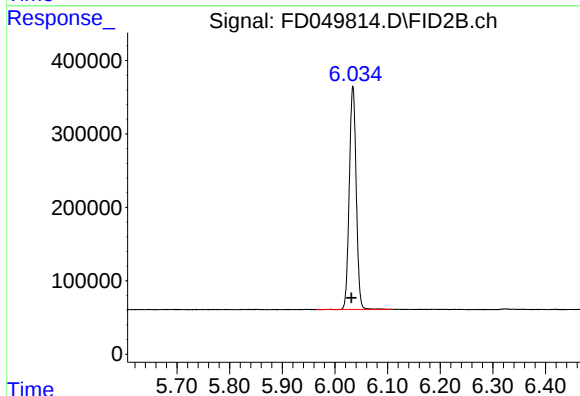




#1 1,2,3-Trimethylbenzene (C10.1)

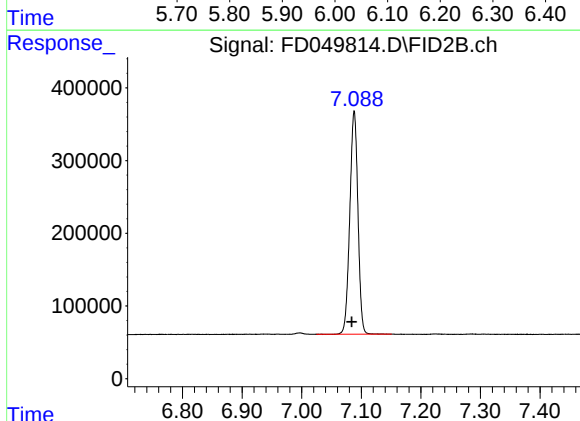
R.T.: 4.492 min
Delta R.T.: 0.002 min
Response: 2389570
Conc: 21.03 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



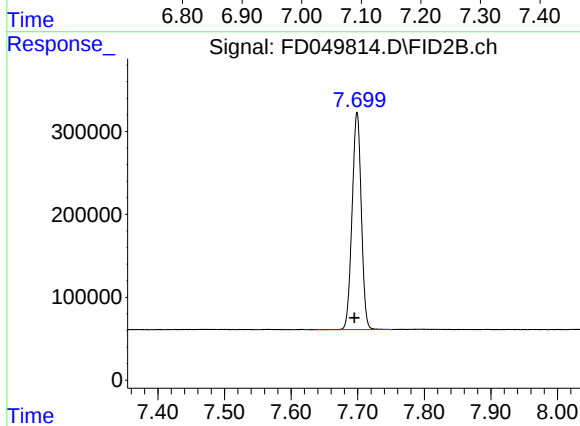
#2 Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: 0.003 min
Response: 2781803
Conc: 21.08 ug/ml



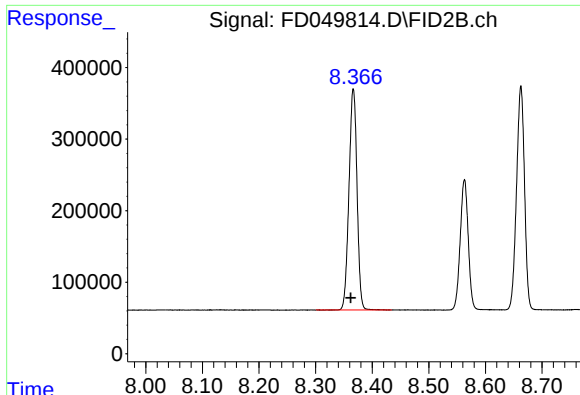
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: 0.004 min
Response: 2912538
Conc: 21.05 ug/ml



#4 2-Bromonaphthalene (SURR)

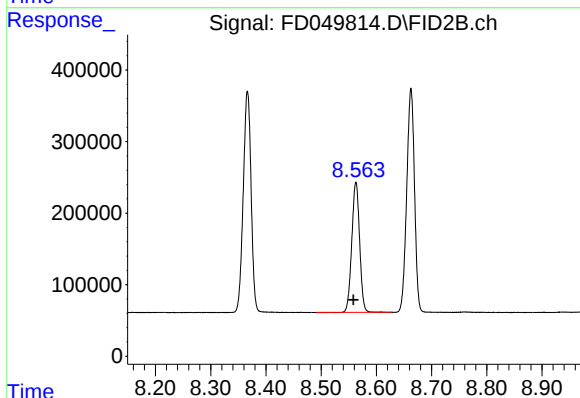
R.T.: 7.699 min
Delta R.T.: 0.004 min
Response: 2515942
Conc: 21.18 ug/ml



#5 Acenaphthylene (C15.06)

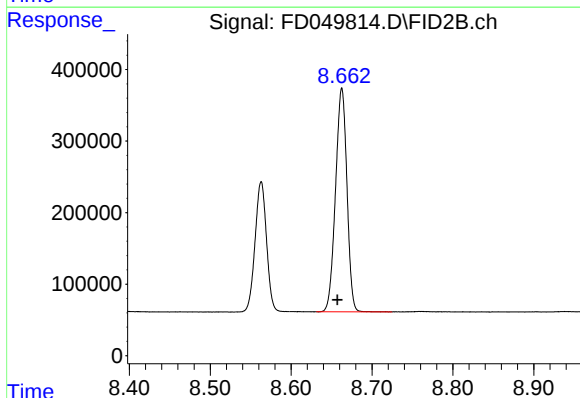
R.T.: 8.367 min
Delta R.T.: 0.005 min
Response: 3056804
Conc: 20.92 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



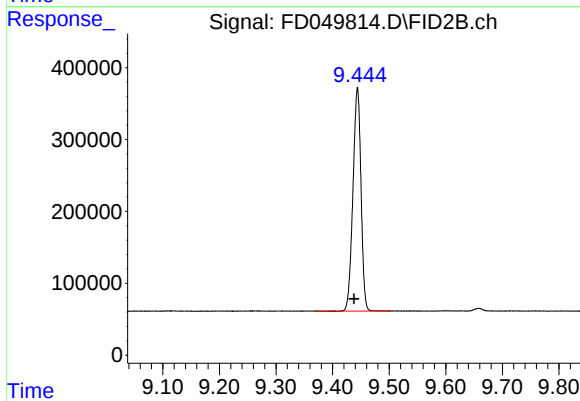
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.563 min
Delta R.T.: 0.004 min
Response: 1792968
Conc: 21.12 ug/ml



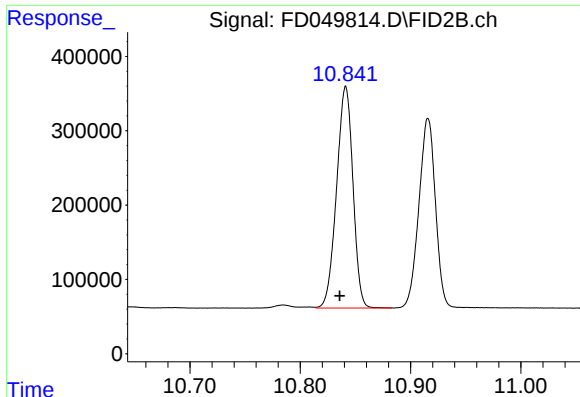
#7 Acenaphthene (C15.5)

R.T.: 8.663 min
Delta R.T.: 0.006 min
Response: 3064094
Conc: 21.04 ug/ml



#8 Fluorene (C16.55)

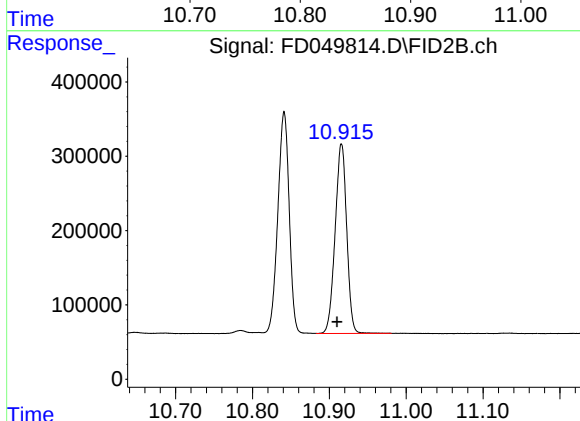
R.T.: 9.444 min
Delta R.T.: 0.006 min
Response: 3067168
Conc: 21.00 ug/ml



#9 Phenanthrene (C19.36)

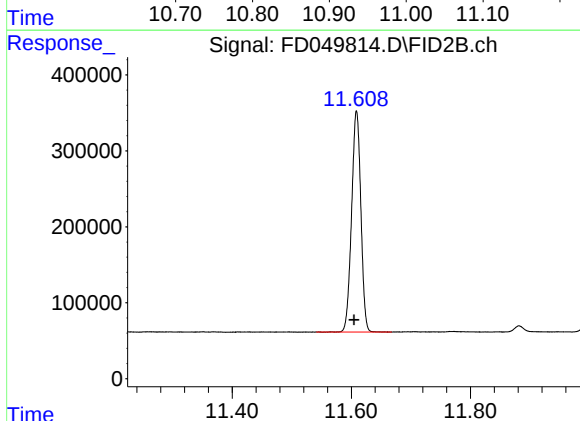
R.T.: 10.841 min
Delta R.T.: 0.005 min
Response: 3069682
Conc: 21.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



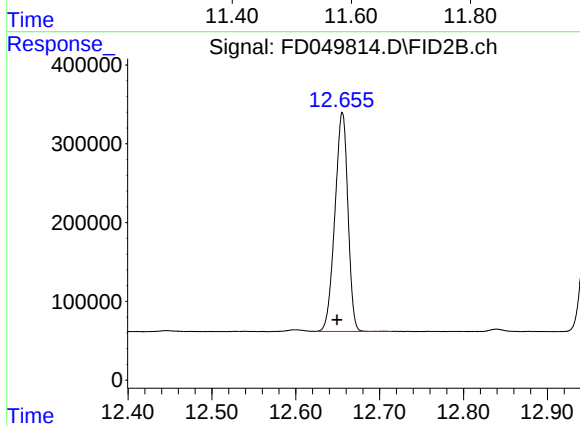
#10 Anthracene (C19.43)

R.T.: 10.916 min
Delta R.T.: 0.006 min
Response: 2660462
Conc: 19.58 ug/ml



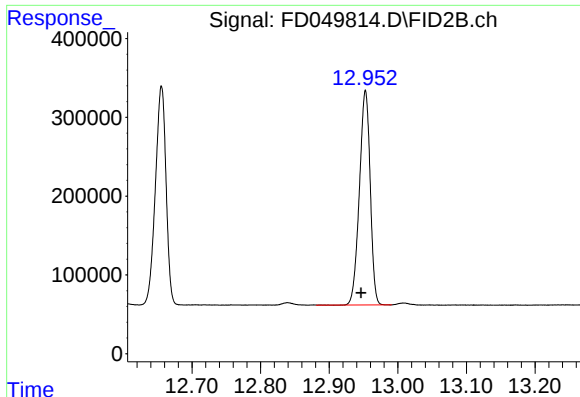
#11 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: 0.004 min
Response: 3139292
Conc: 21.03 ug/ml



#12 Fluoranthene (C21.85)

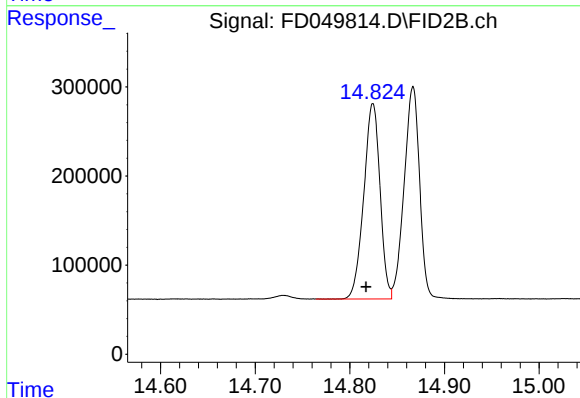
R.T.: 12.655 min
Delta R.T.: 0.006 min
Response: 3001748
Conc: 21.07 ug/ml



#13 Pyrene (C20.8)

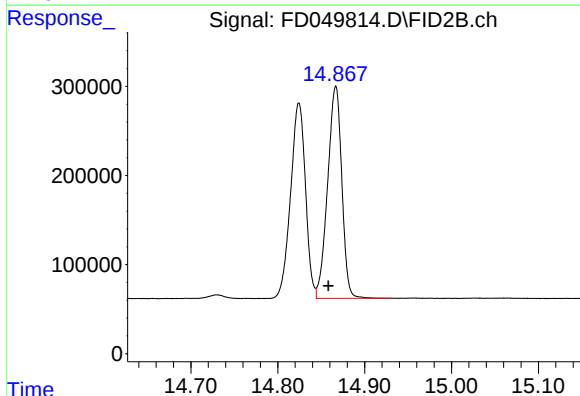
R.T.: 12.953 min
Delta R.T.: 0.006 min
Response: 2969937
Conc: 21.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



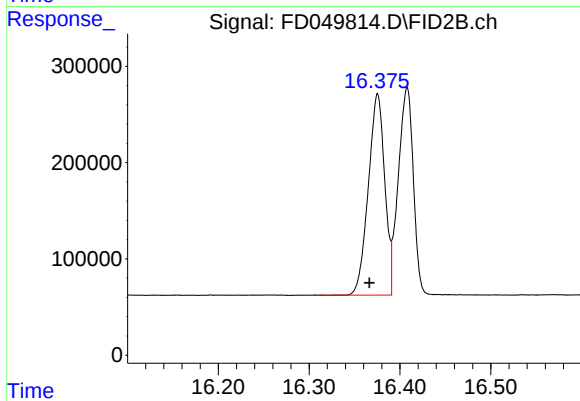
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.824 min
Delta R.T.: 0.007 min
Response: 2617264
Conc: 20.81 ug/ml



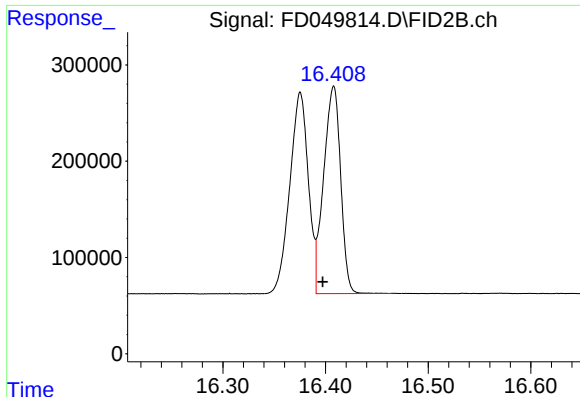
#15 Chrysene (C27.41)

R.T.: 14.867 min
Delta R.T.: 0.008 min
Response: 2700462
Conc: 21.02 ug/ml



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

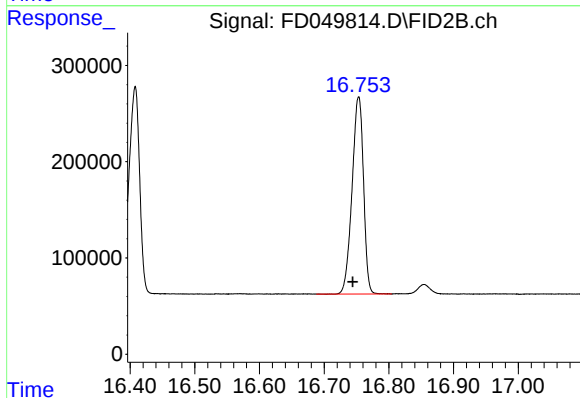
R.T.: 16.375 min
Delta R.T.: 0.009 min
Response: 2622357
Conc: 21.05 ug/ml



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

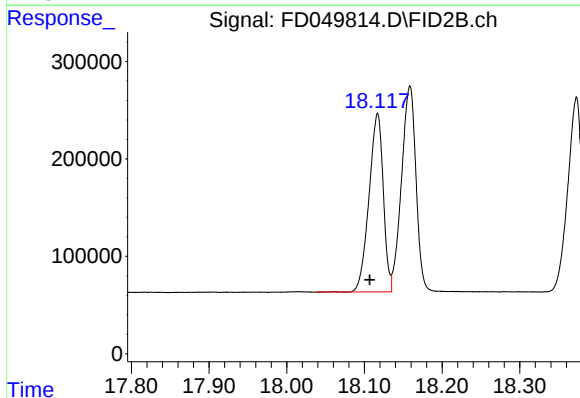
R.T.: 16.407 min
Delta R.T.: 0.010 min
Response: 2473488
Conc: 21.06 ug/ml

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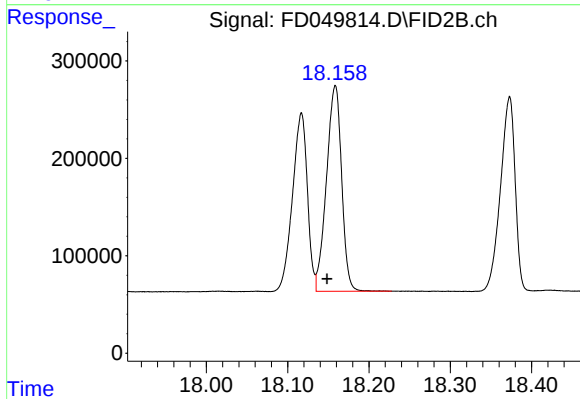
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.753 min
Delta R.T.: 0.009 min
Response: 2515850
Conc: 20.73 ug/ml



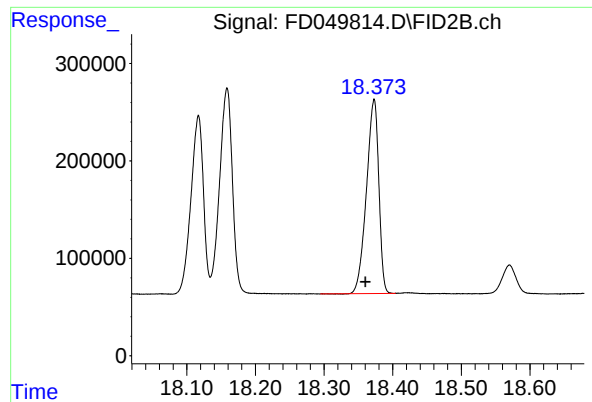
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.117 min
Delta R.T.: 0.010 min
Response: 2333681
Conc: 20.76 ug/ml



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

R.T.: 18.158 min
Delta R.T.: 0.010 min
Response: 2738700
Conc: 22.40 ug/ml



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

R.T.: 18.373 min
Delta R.T.: 0.013 min
Response: 2487980
Conc: 20.80 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD