

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100825AR\
 Data File : FD049839.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2025 17:18
 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: sample.E
 Quant Time: Oct 09 06:30:31 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...	7.701	2496033	21.008 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
6) S 2-Fluorobiphenyl (SURR)	8.565	1788684	21.068 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.14%
11) S ortho-Terphenyl (SURR)	11.612	3183487	21.325 ug/ml
Spiked Amount 50.000		Recovery =	42.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	2304368	20.277 ug/ml
2) T Naphthalene (C11.7)	6.036	2726863	20.668 ug/ml
3) T 2-Methylnaphthalene (...)	7.090	2879939	20.814 ug/ml
5) T Acenaphthylene (C15.06)	8.368	3053663	20.901 ug/ml
7) T Acenaphthene (C15.5)	8.665	3073923	21.111 ug/ml
8) T Flouorene (C16.55)	9.446	3089281	21.154 ug/ml
9) T Phenanthrene (C19.36)	10.844	3095307	21.175 ug/ml
10) T Anthracene (C19.43)	10.918	2805359	20.644 ug/ml
12) T Fluoranthene (C21.85)	12.658	3004940	21.092 ug/ml
13) T Pyrene (C20.8)	12.955	2957315	21.037 ug/ml
14) T Benzo[a]anthracene (C...	14.827	2602510	20.693 ug/ml
15) T Chrysene (C27.41)	14.870	2691073	20.947 ug/ml
16) T benzo[b]fluoranthene ...	16.378	2578235	20.698 ug/ml
17) T Bnezo[k]fluoranthene ...	16.411	2438532	20.760 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.757	2462847	20.294 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.120	2284004	20.313 ug/ml
20) T Dibenz[a,h]anthracene...	18.161	2476522	20.256 ug/ml
21) T Benzo[g,h,i]perylene ...	18.375	2478016	20.718 ug/ml

(f)=RT Delta > 1/2 Window

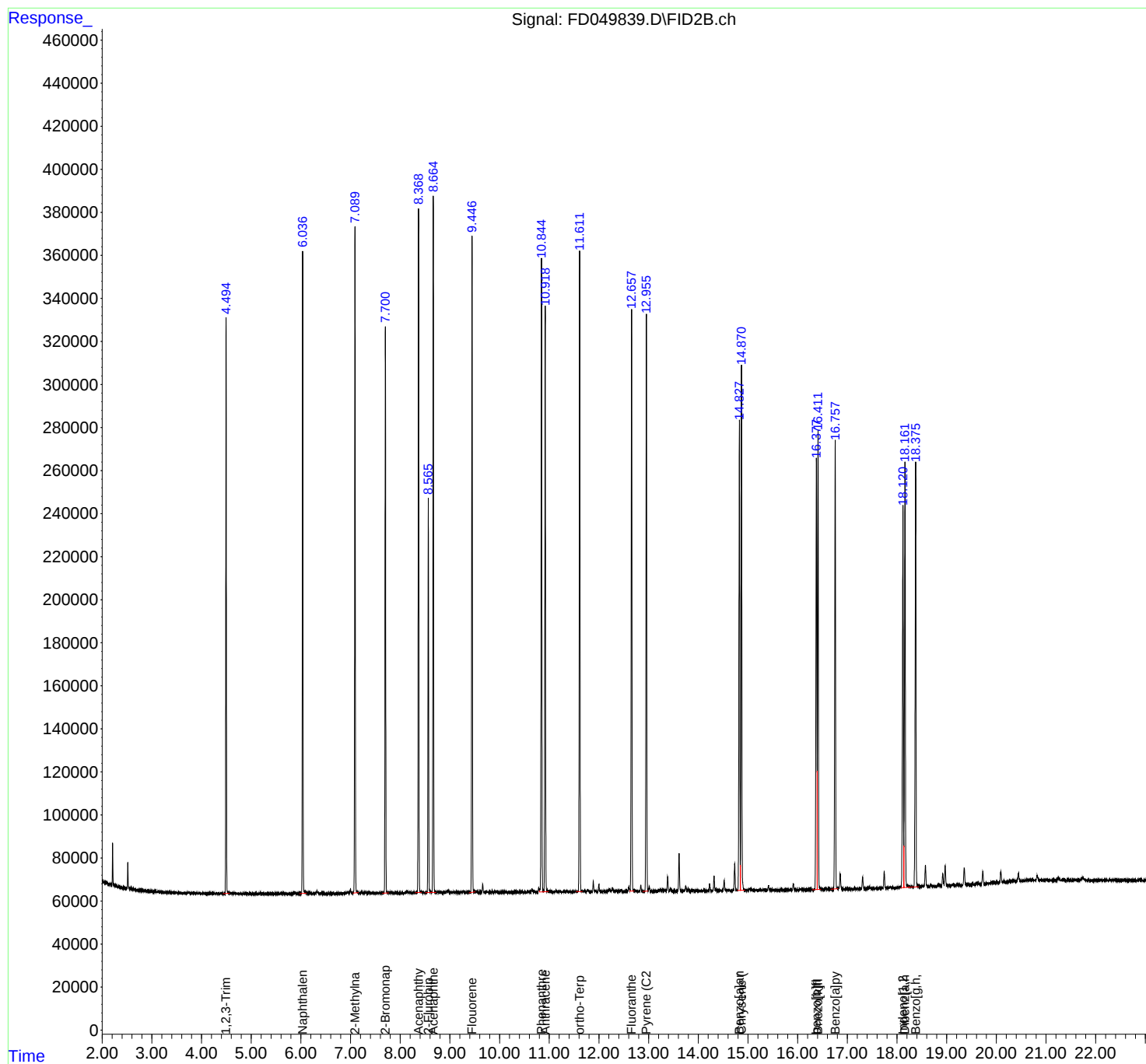
(m)=manual int.

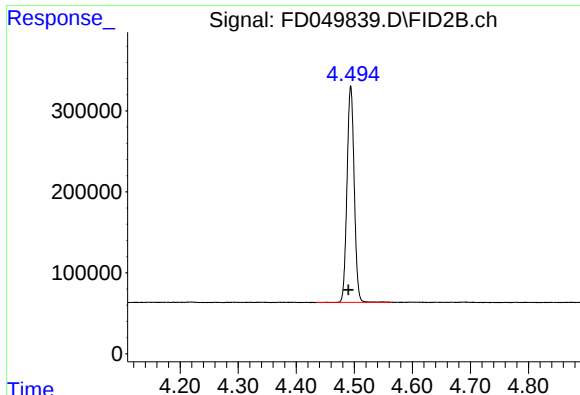
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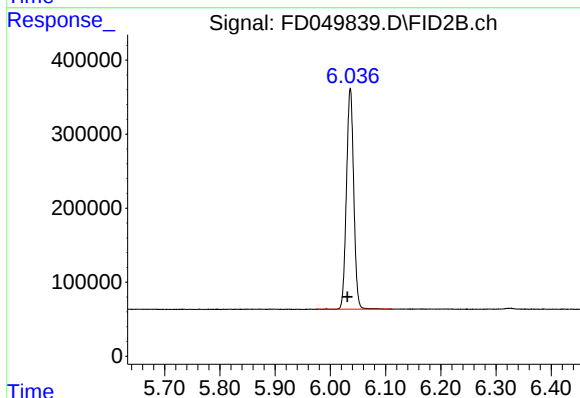




#1 1,2,3-Trimethylbenzene (C10.1)

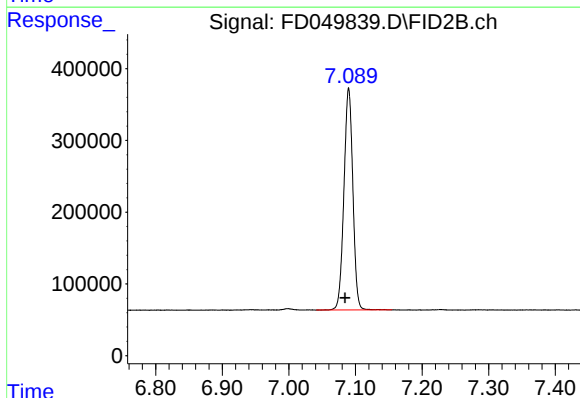
R.T.: 4.494 min
Delta R.T.: 0.004 min
Response: 2304368
Conc: 20.28 ug/ml

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20 PPM AROMATIC HC STD



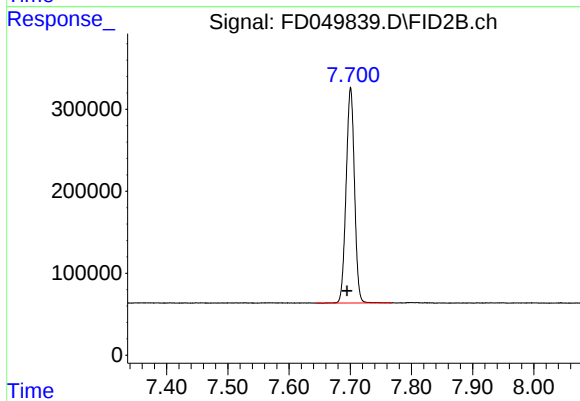
#2 Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: 0.005 min
Response: 2726863
Conc: 20.67 ug/ml



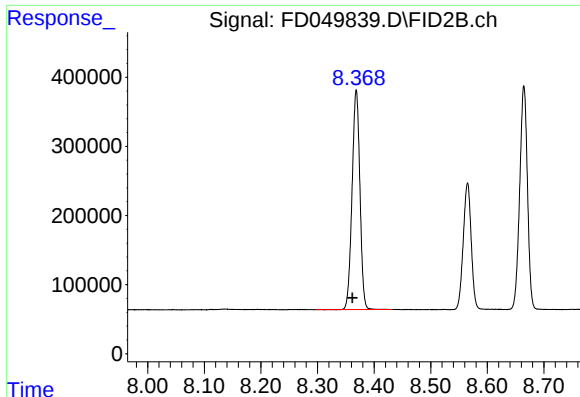
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: 0.006 min
Response: 2879939
Conc: 20.81 ug/ml



#4 2-Bromonaphthalene (SURR)

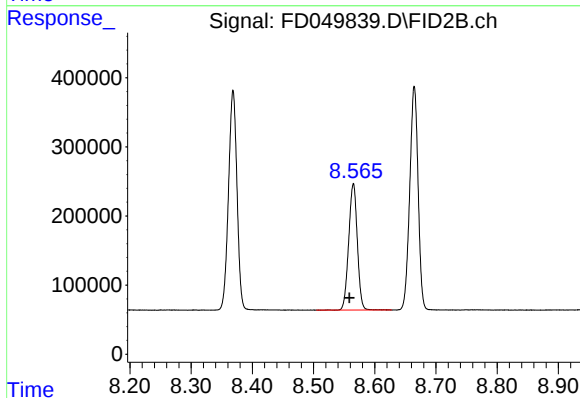
R.T.: 7.701 min
Delta R.T.: 0.005 min
Response: 2496033
Conc: 21.01 ug/ml



#5 Acenaphthylene (C15.06)

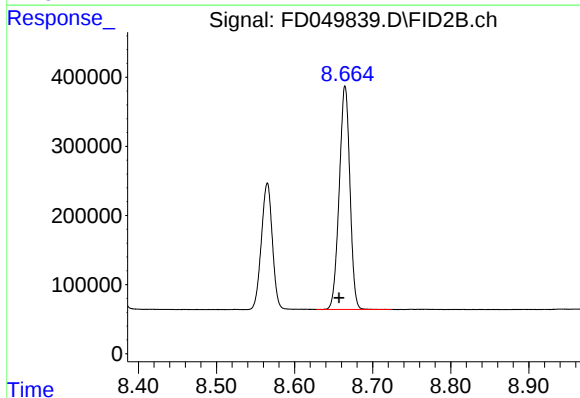
R.T.: 8.368 min
Delta R.T.: 0.007 min
Response: 3053663
Conc: 20.90 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



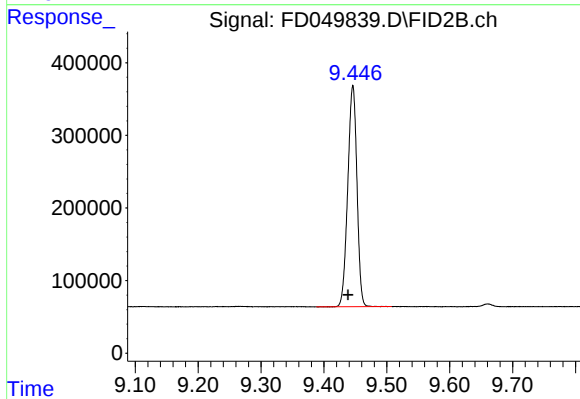
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.565 min
Delta R.T.: 0.006 min
Response: 1788684
Conc: 21.07 ug/ml



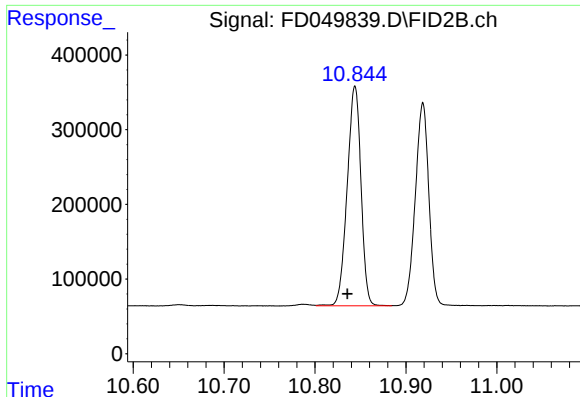
#7 Acenaphthene (C15.5)

R.T.: 8.665 min
Delta R.T.: 0.008 min
Response: 3073923
Conc: 21.11 ug/ml



#8 Flouorene (C16.55)

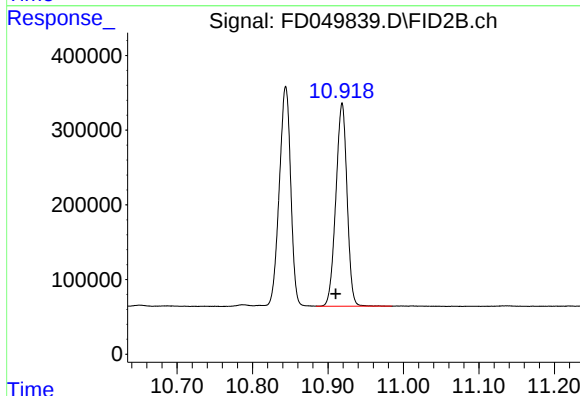
R.T.: 9.446 min
Delta R.T.: 0.008 min
Response: 3089281
Conc: 21.15 ug/ml



#9 Phenanthrene (C19.36)

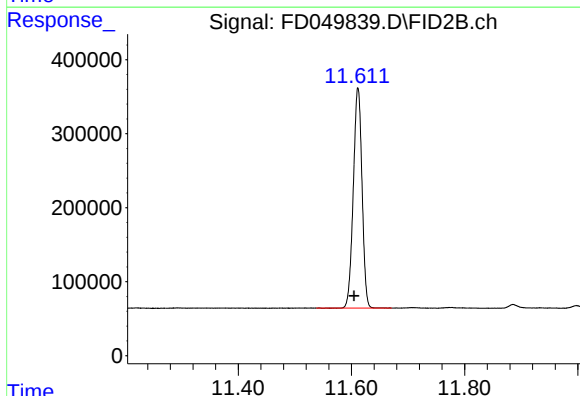
R.T.: 10.844 min
Delta R.T.: 0.008 min
Response: 3095307
Conc: 21.17 ug/ml

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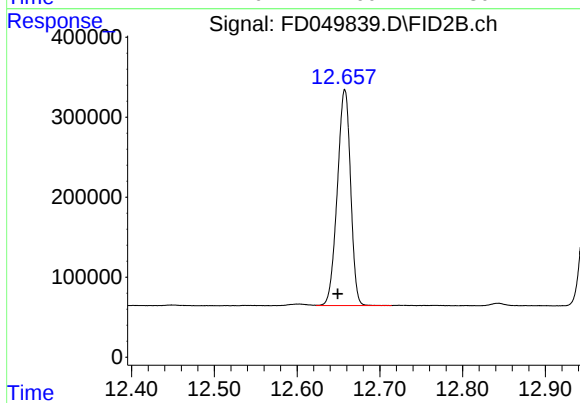
#10 Anthracene (C19.43)

R.T.: 10.918 min
Delta R.T.: 0.008 min
Response: 2805359
Conc: 20.64 ug/ml



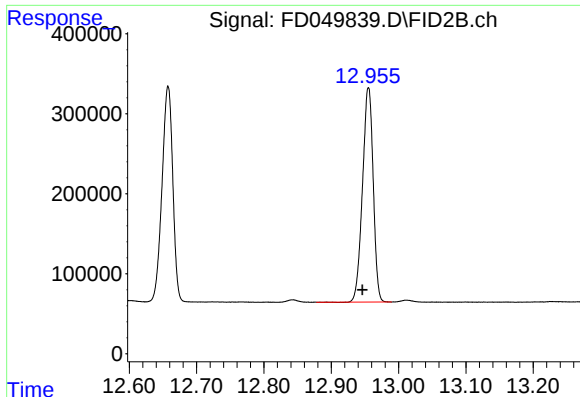
#11 ortho-Terphenyl (SURR)

R.T.: 11.612 min
Delta R.T.: 0.007 min
Response: 3183487
Conc: 21.32 ug/ml



#12 Fluoranthene (C21.85)

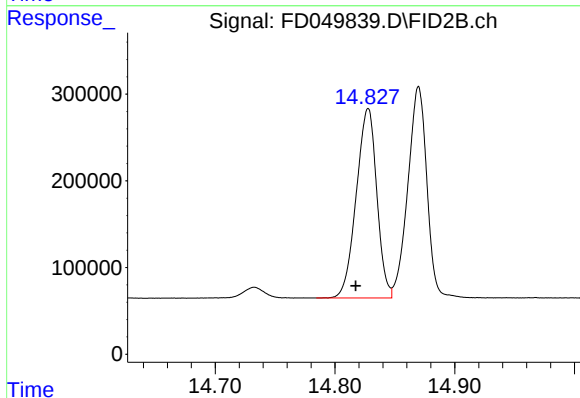
R.T.: 12.658 min
Delta R.T.: 0.008 min
Response: 3004940
Conc: 21.09 ug/ml



#13 Pyrene (C20.8)

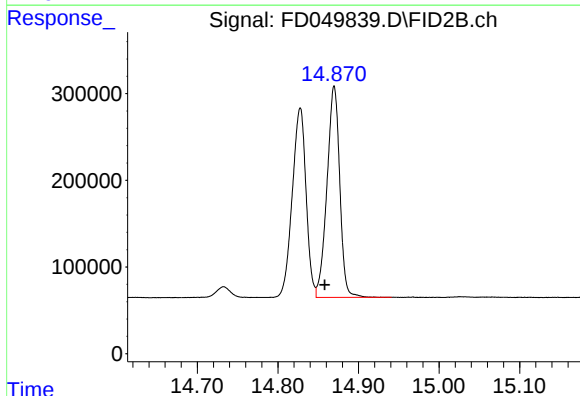
R.T.: 12.955 min
Delta R.T.: 0.009 min
Response: 2957315
Conc: 21.04 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



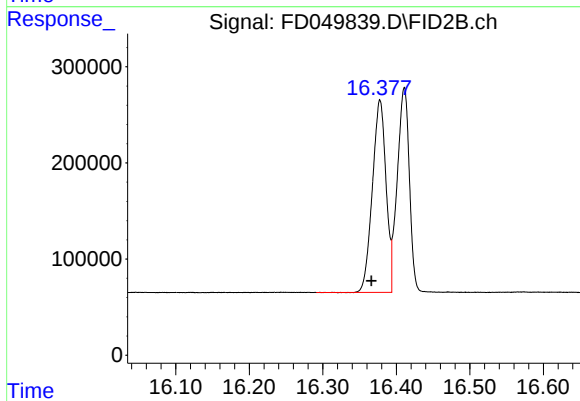
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.827 min
Delta R.T.: 0.010 min
Response: 2602510
Conc: 20.69 ug/ml



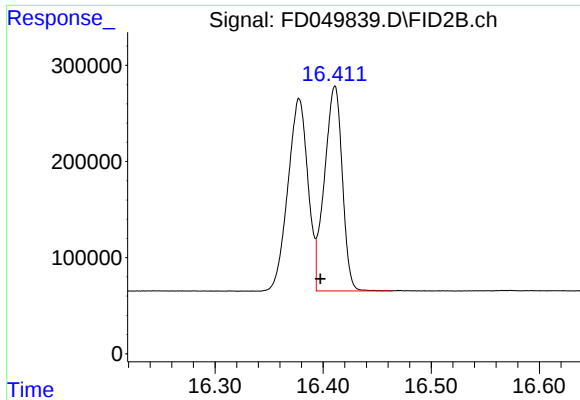
#15 Chrysene (C27.41)

R.T.: 14.870 min
Delta R.T.: 0.012 min
Response: 2691073
Conc: 20.95 ug/ml



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

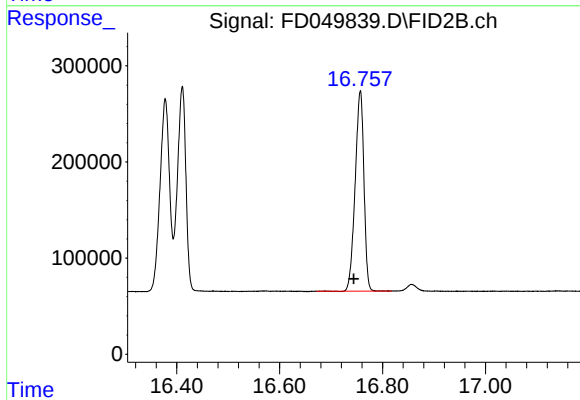
R.T.: 16.378 min
Delta R.T.: 0.011 min
Response: 2578235
Conc: 20.70 ug/ml



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

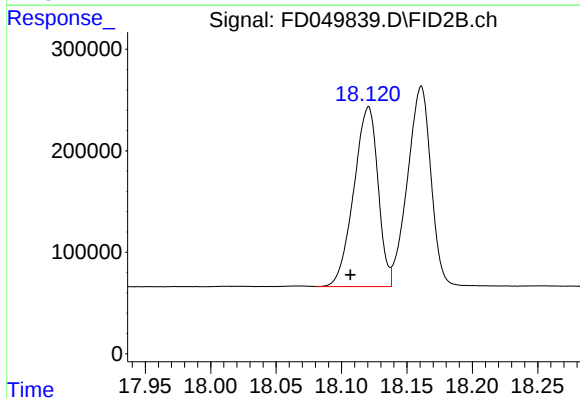
R.T.: 16.411 min
Delta R.T.: 0.013 min
Response: 2438532
Conc: 20.76 ug/ml

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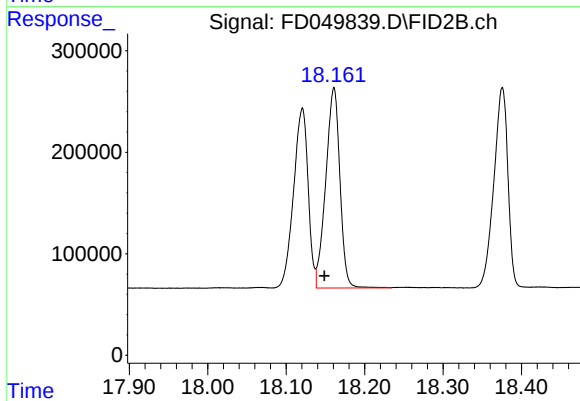
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.757 min
Delta R.T.: 0.012 min
Response: 2462847
Conc: 20.29 ug/ml



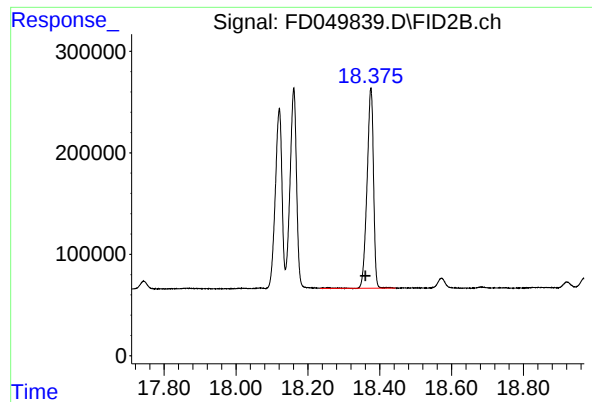
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.120 min
Delta R.T.: 0.013 min
Response: 2284004
Conc: 20.31 ug/ml



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

R.T.: 18.161 min
Delta R.T.: 0.012 min
Response: 2476522
Conc: 20.26 ug/ml



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

R.T.: 18.375 min
Delta R.T.: 0.015 min
Response: 2478016
Conc: 20.72 ug/ml

Instrument :

FID_D

ClientSampleId :

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