

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092625AR\
 Data File : FD049771.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2025 13:39
 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: Sep 29 00:22:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.697	2386131	21.217 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
6) S 2-Fluorobiphenyl (SURR)	8.562	1704033	21.228 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.46%
11) S ortho-Terphenyl (SURR)	11.610	3004858	21.239 ug/ml
Spiked Amount 50.000		Recovery =	42.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	2246601	20.850 ug/ml
2) T Naphthalene (C11.7)	6.032	2633673	21.178 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	2766872	21.229 ug/ml
5) T Acenaphthylene (C15.06)	8.366	2897002	20.896 ug/ml
7) T Acenaphthene (C15.5)	8.661	2905838	20.962 ug/ml
8) T Flouorene (C16.55)	9.443	2923206	21.074 ug/ml
9) T Phenanthrene (C19.36)	10.842	2948962	21.169 ug/ml
10) T Anthracene (C19.43)	10.917	2703827	20.477 ug/ml
12) T Fluoranthene (C21.85)	12.656	2885145	21.424 ug/ml
13) T Pyrene (C20.8)	12.955	2854195	21.456 ug/ml
14) T Benzo[a]anthracene (C...	14.827	2531624	21.170 ug/ml
15) T Chrysene (C27.41)	14.870	2583200	21.234 ug/ml
16) T benzo[b]fluoranthene ...	16.379	2482979	20.714 ug/ml
17) T Bnezo[k]fluoranthene ...	16.411	2339033	20.759 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.758	2396047	20.419 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.122	2204824	20.267 ug/ml
20) T Dibenz[a,h]anthracene...	18.163	2426549	21.295 ug/ml
21) T Benzo[g,h,i]perylene ...	18.378	2337211	20.087 ug/ml

(f)=RT Delta > 1/2 Window

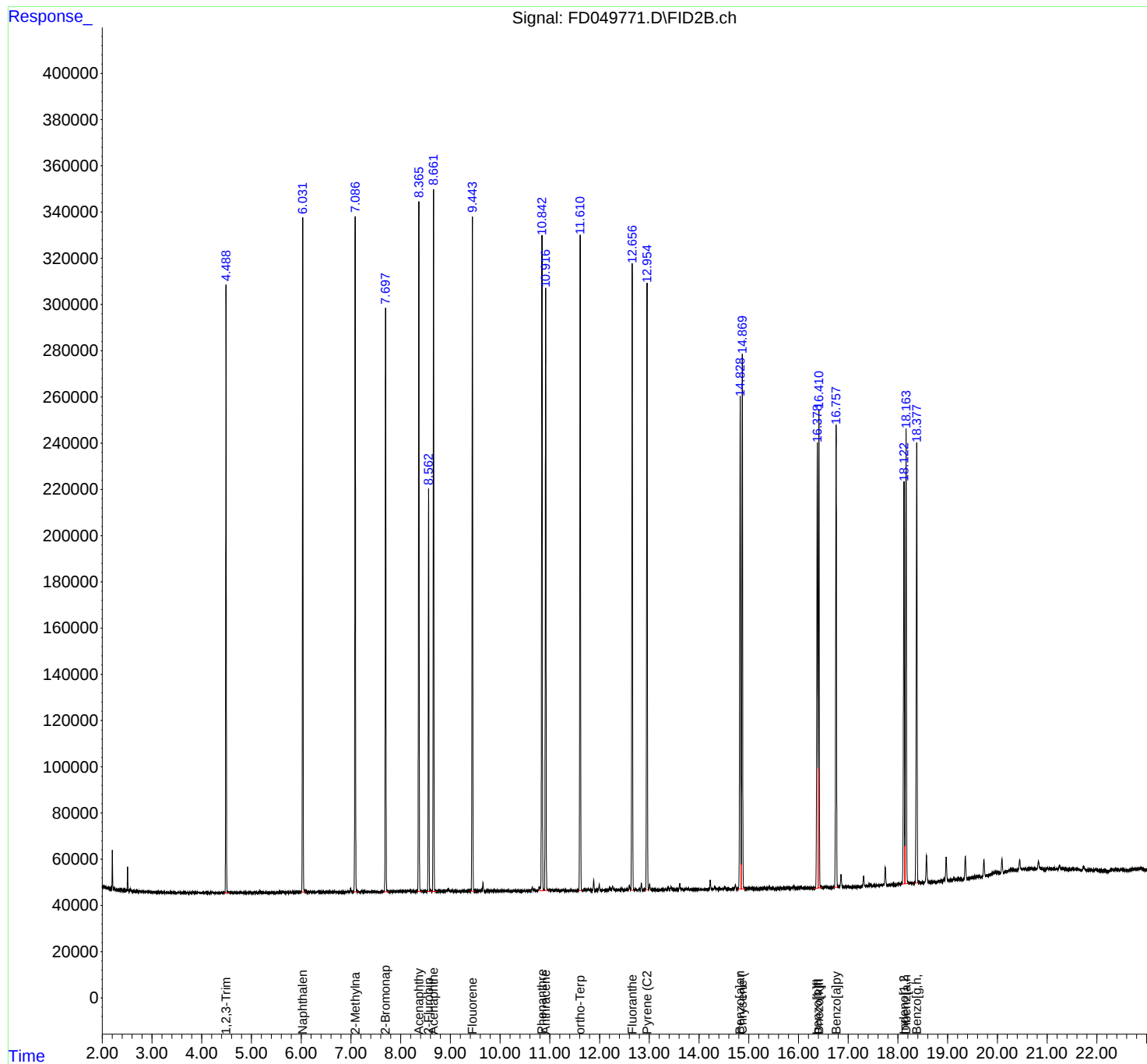
(m)=manual int.

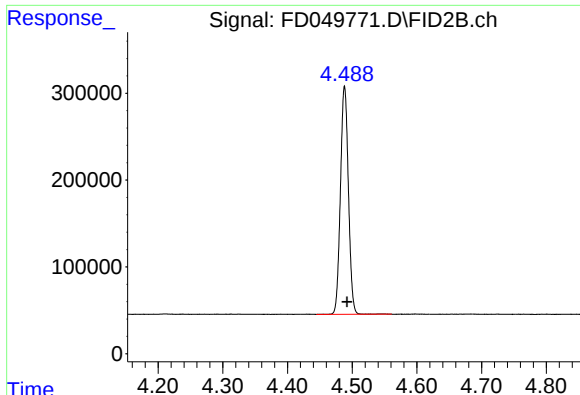
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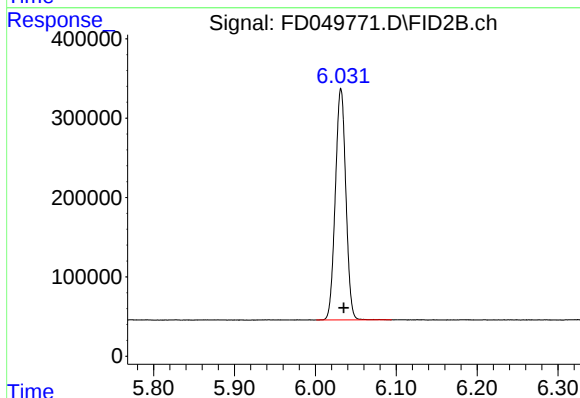




#1 1,2,3-Trimethylbenzene (C10.1)

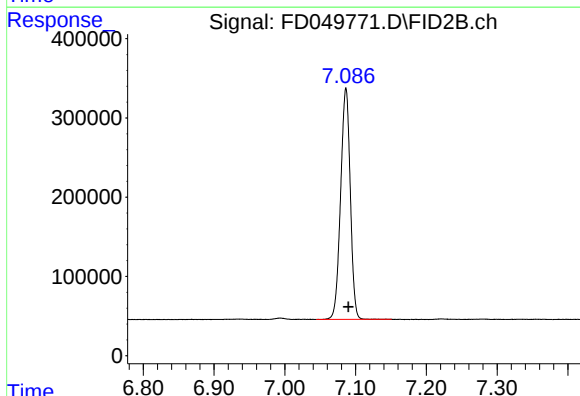
R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 2246601
Conc: 20.85 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



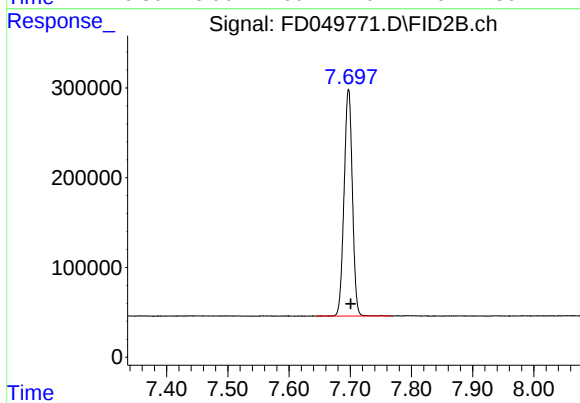
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 2633673
Conc: 21.18 ug/ml



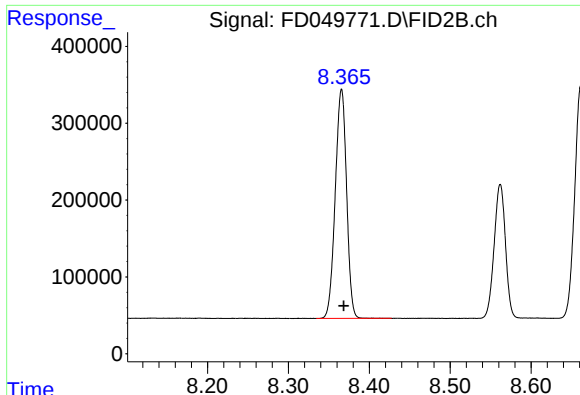
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 2766872
Conc: 21.23 ug/ml



#4 2-Bromonaphthalene (SURR)

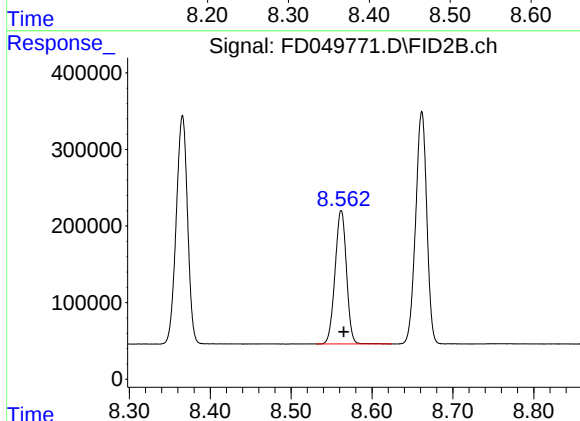
R.T.: 7.697 min
Delta R.T.: -0.003 min
Response: 2386131
Conc: 21.22 ug/ml



#5 Acenaphthylene (C15.06)

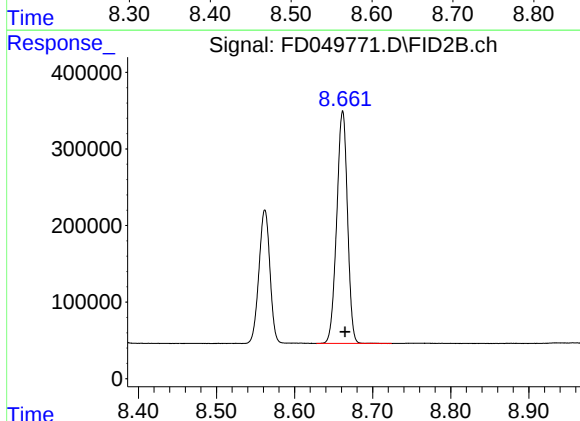
R.T.: 8.366 min
Delta R.T.: -0.003 min
Response: 2897002
Conc: 20.90 ug/ml

Instrument :
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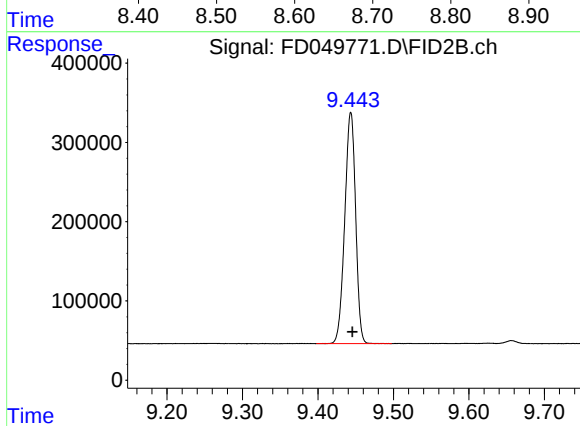
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 1704033
Conc: 21.23 ug/ml



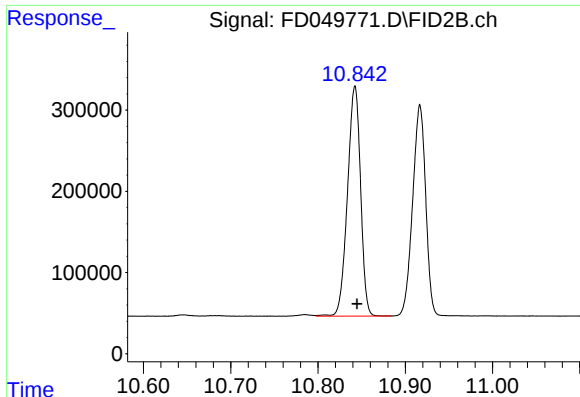
#7 Acenaphthene (C15.5)

R.T.: 8.661 min
Delta R.T.: -0.003 min
Response: 2905838
Conc: 20.96 ug/ml



#8 Fluorene (C16.55)

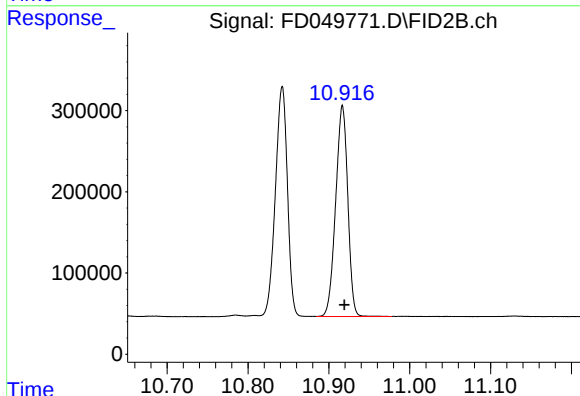
R.T.: 9.443 min
Delta R.T.: -0.002 min
Response: 2923206
Conc: 21.07 ug/ml



#9 Phenanthrene (C19.36)

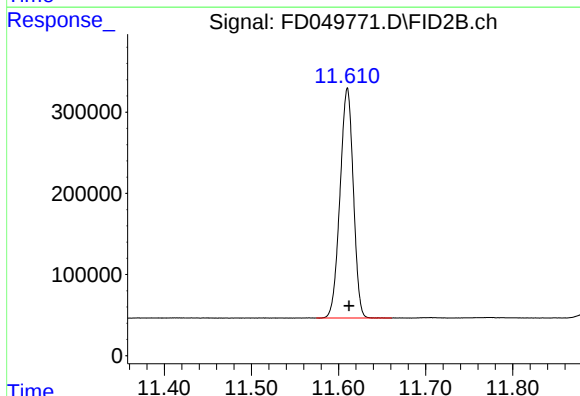
R.T.: 10.842 min
Delta R.T.: -0.002 min
Response: 2948962
Conc: 21.17 ug/ml

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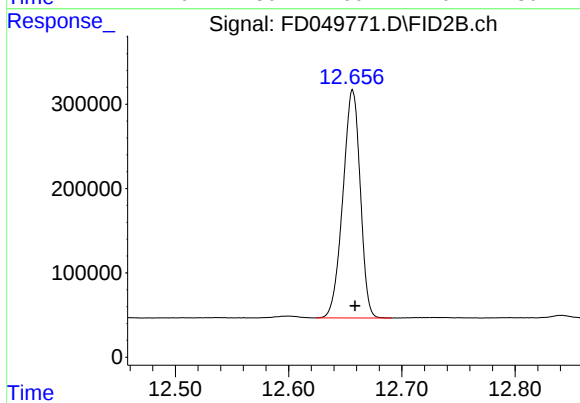
#10 Anthracene (C19.43)

R.T.: 10.917 min
Delta R.T.: -0.002 min
Response: 2703827
Conc: 20.48 ug/ml



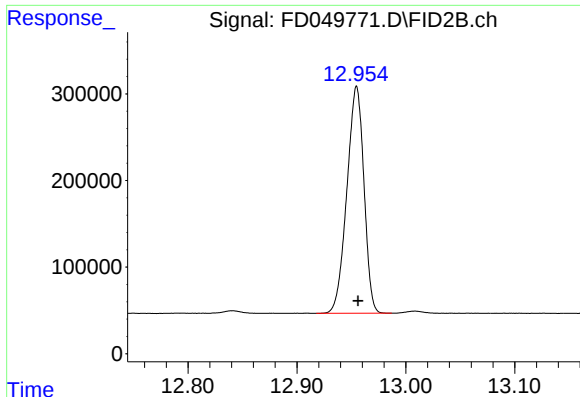
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.002 min
Response: 3004858
Conc: 21.24 ug/ml



#12 Fluoranthene (C21.85)

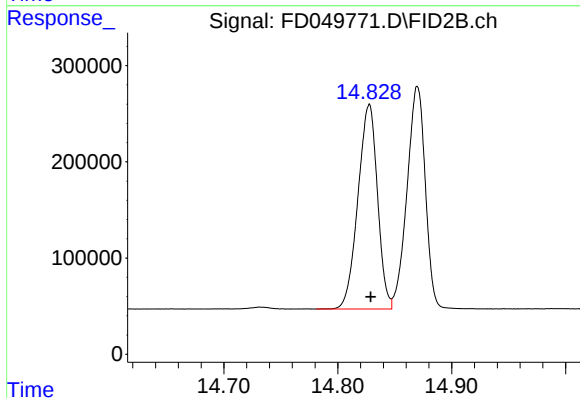
R.T.: 12.656 min
Delta R.T.: -0.002 min
Response: 2885145
Conc: 21.42 ug/ml



#13 Pyrene (C20.8)

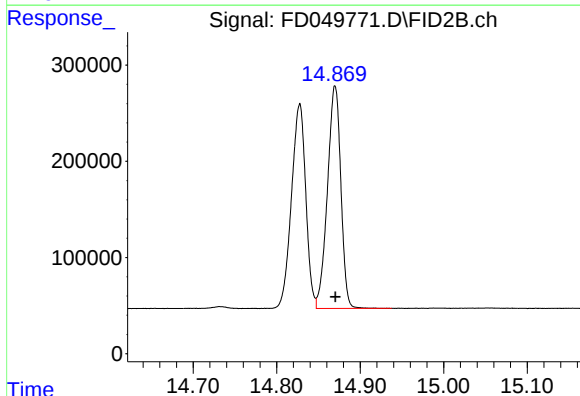
R.T.: 12.955 min
Delta R.T.: -0.002 min
Response: 2854195
Conc: 21.46 ug/ml

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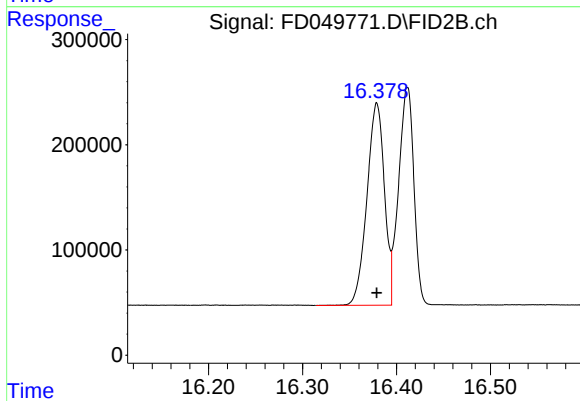
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.827 min
Delta R.T.: -0.002 min
Response: 2531624
Conc: 21.17 ug/ml



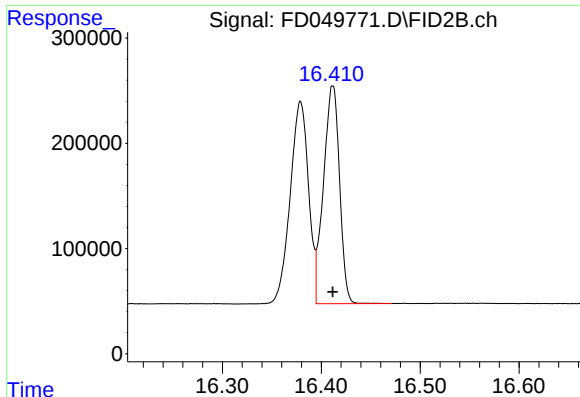
#15 Chrysene (C27.41)

R.T.: 14.870 min
Delta R.T.: 0.000 min
Response: 2583200
Conc: 21.23 ug/ml



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

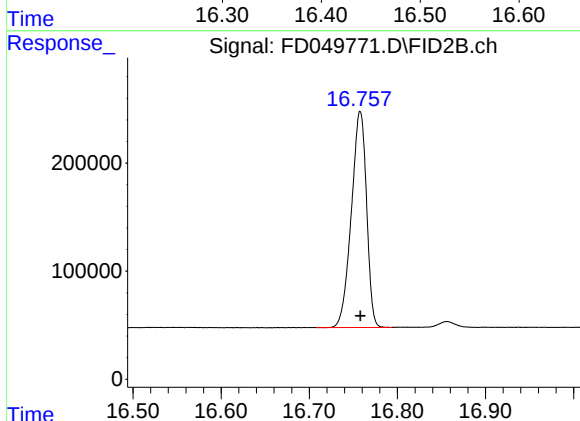
R.T.: 16.379 min
Delta R.T.: 0.000 min
Response: 2482979
Conc: 20.71 ug/ml



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

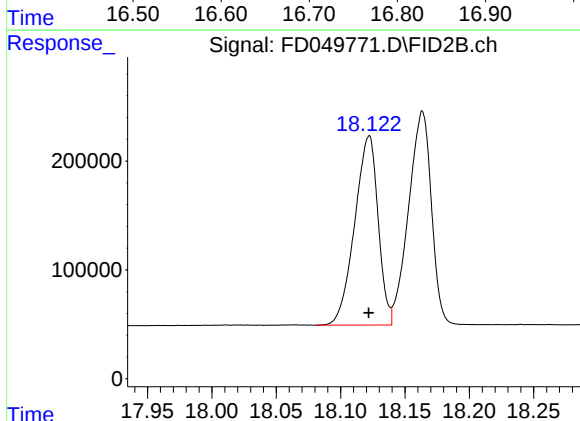
R.T.: 16.411 min
Delta R.T.: 0.000 min
Response: 2339033
Conc: 20.76 ug/ml

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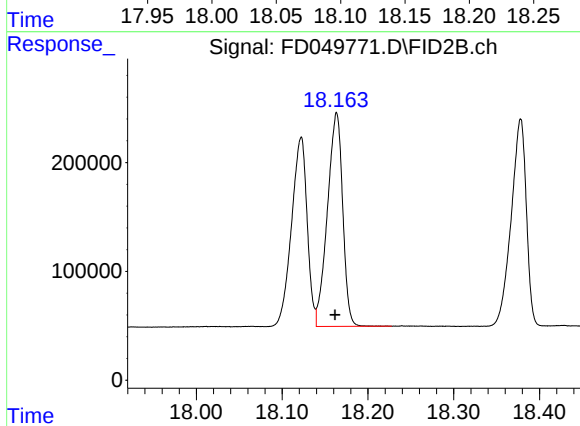
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 2396047
Conc: 20.42 ug/ml



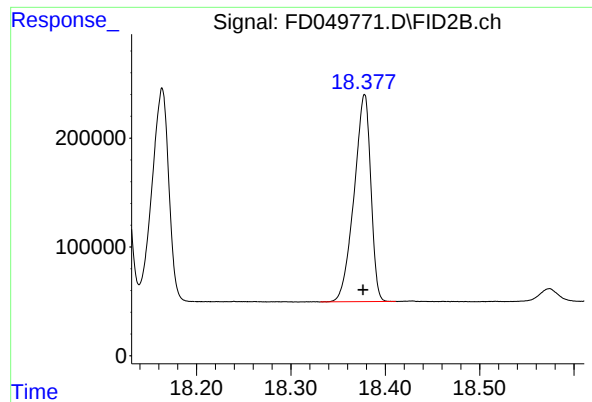
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.122 min
Delta R.T.: 0.000 min
Response: 2204824
Conc: 20.27 ug/ml



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

R.T.: 18.163 min
Delta R.T.: 0.001 min
Response: 2426549
Conc: 21.29 ug/ml



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

R.T.: 18.378 min
Delta R.T.: 0.001 min
Response: 2337211
Conc: 20.09 ug/ml

Instrument :

FID_D

ClientSampleId :

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