

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092525AR\
 Data File : FD049749.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 09:12
 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 26 08:18:34 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...	7.696	2252015	20.024 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
6) S 2-Fluorobiphenyl (SURR)	8.561	1610153	20.059 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.12%
11) S ortho-Terphenyl (SURR)	11.608	2893973	20.455 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	2124495	19.716 ug/ml
2) T Naphthalene (C11.7)	6.031	2480347	19.945 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	2613799	20.055 ug/ml
5) T Acenaphthylene (C15.06)	8.364	2774746	20.014 ug/ml
7) T Acenaphthene (C15.5)	8.660	2777090	20.033 ug/ml
8) T Flouorene (C16.55)	9.441	2789060	20.107 ug/ml
9) T Phenanthrene (C19.36)	10.840	2762567	19.831 ug/ml
10) T Anthracene (C19.43)	10.914	2567585	19.445 ug/ml
12) T Fluoranthene (C21.85)	12.654	2736870	20.323 ug/ml
13) T Pyrene (C20.8)	12.952	2710401	20.375 ug/ml
14) T Benzo[a]anthracene (C...	14.824	2373983	19.852 ug/ml
15) T Chrysene (C27.41)	14.867	2422593	19.914 ug/ml
16) T benzo[b]fluoranthene ...	16.375	2372838	19.795 ug/ml
17) T Bnezo[k]fluoranthene ...	16.407	2233485	19.822 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.753	2300107	19.601 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.117	2066769	18.998 ug/ml
20) T Dibenz[a,h]anthracene...	18.159	2170059	19.044 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	2242330	19.271 ug/ml

(f)=RT Delta > 1/2 Window

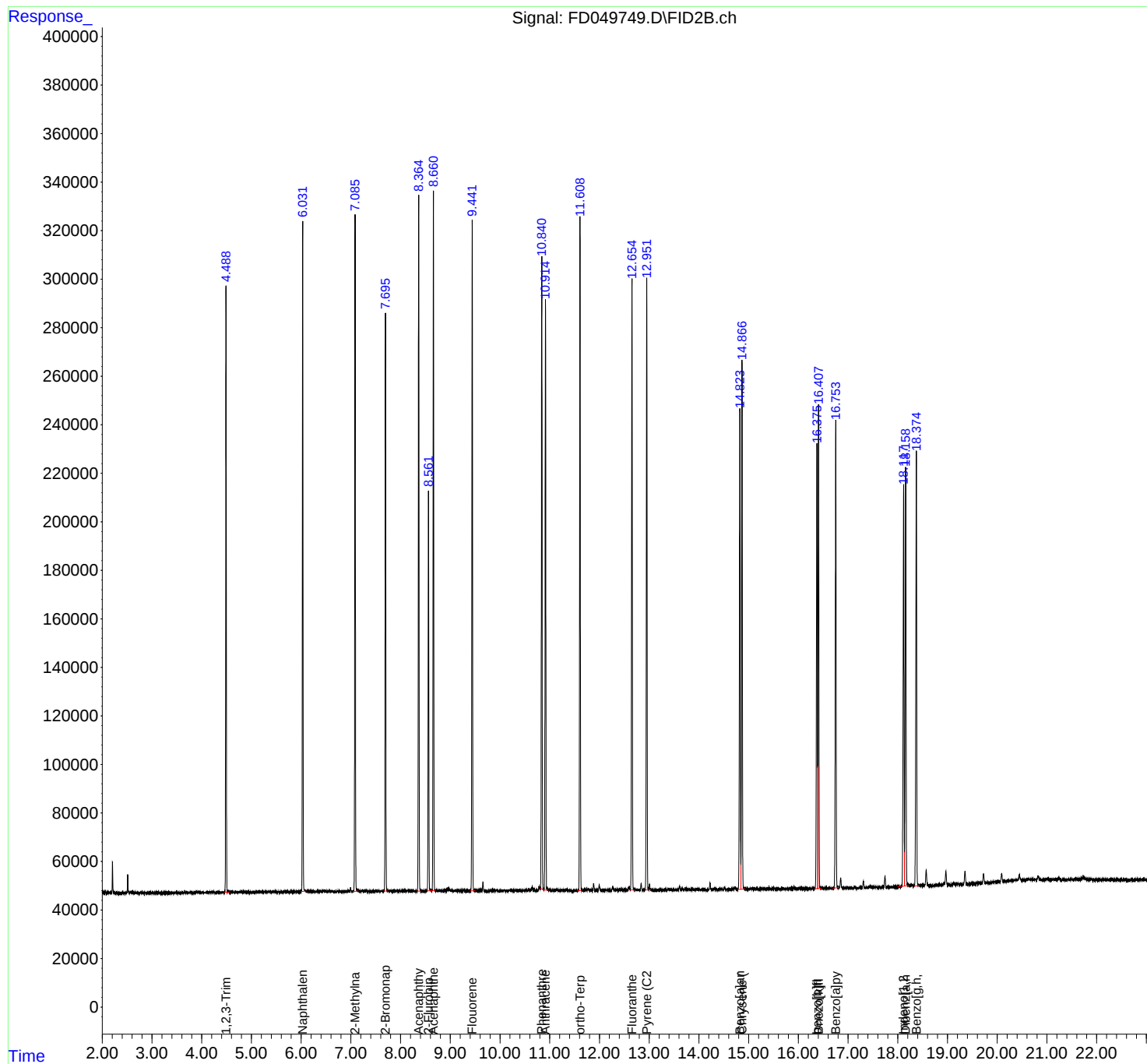
(m)=manual int.

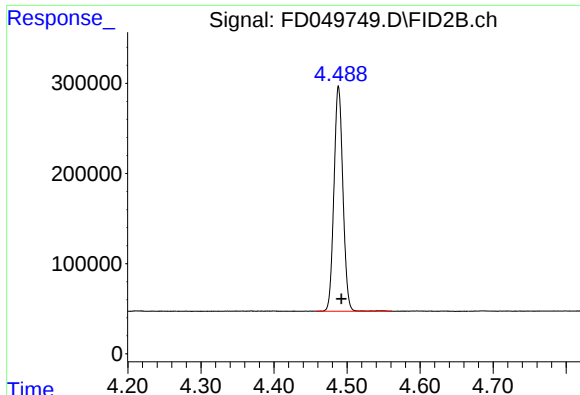
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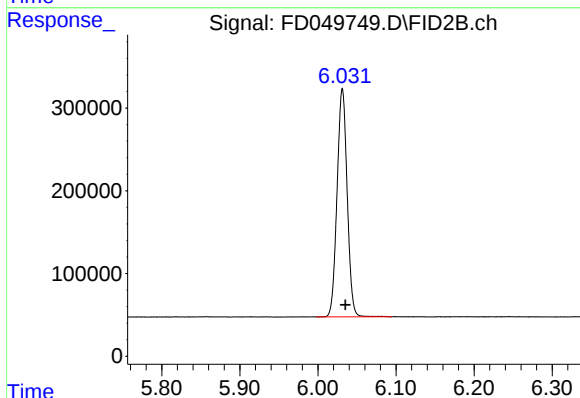




#1 1,2,3-Trimethylbenzene (C10.1)

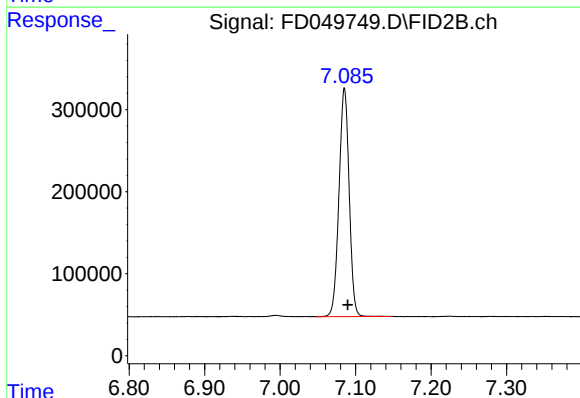
R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 2124495
Conc: 19.72 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



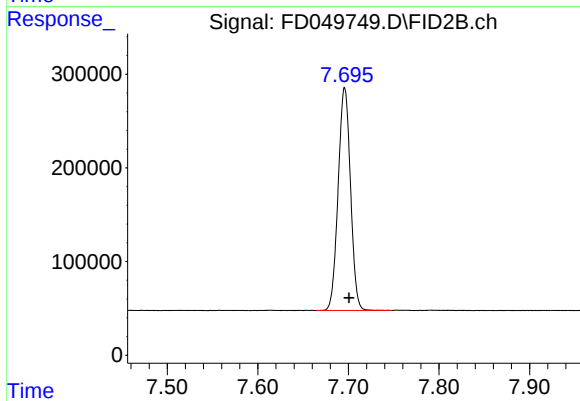
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 2480347
Conc: 19.95 ug/ml



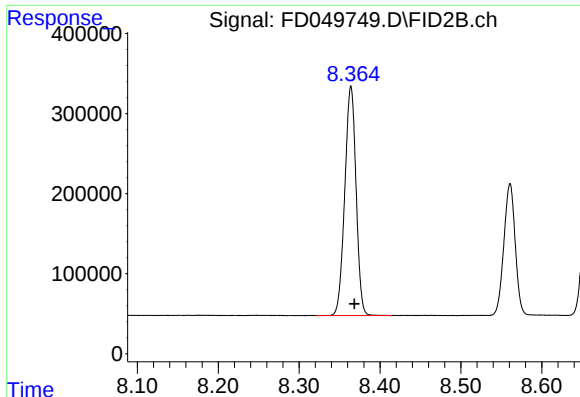
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 2613799
Conc: 20.05 ug/ml



#4 2-Bromonaphthalene (SURR)

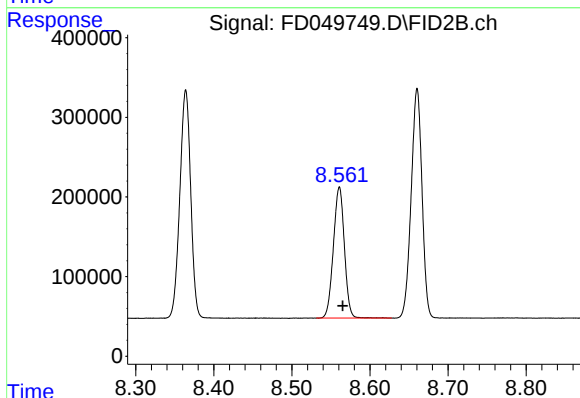
R.T.: 7.696 min
Delta R.T.: -0.005 min
Response: 2252015
Conc: 20.02 ug/ml



#5 Acenaphthylene (C15.06)

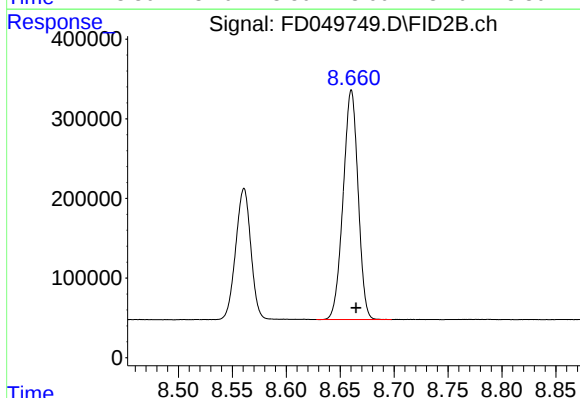
R.T.: 8.364 min
Delta R.T.: -0.005 min
Response: 2774746
Conc: 20.01 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



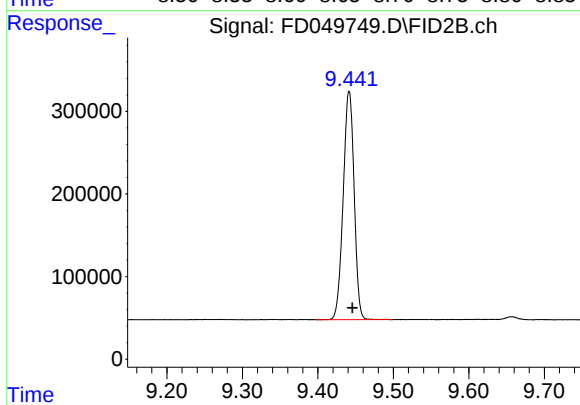
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.561 min
Delta R.T.: -0.004 min
Response: 1610153
Conc: 20.06 ug/ml



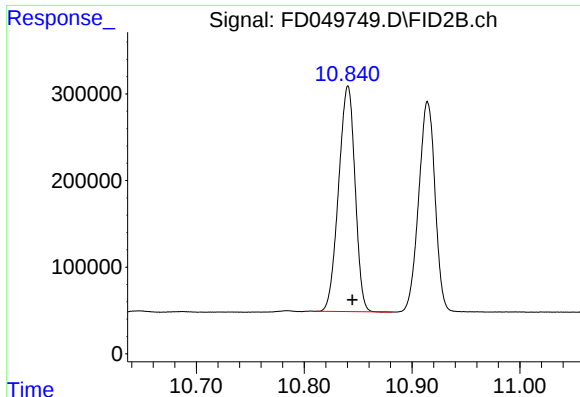
#7 Acenaphthene (C15.5)

R.T.: 8.660 min
Delta R.T.: -0.004 min
Response: 2777090
Conc: 20.03 ug/ml



#8 Fluorene (C16.55)

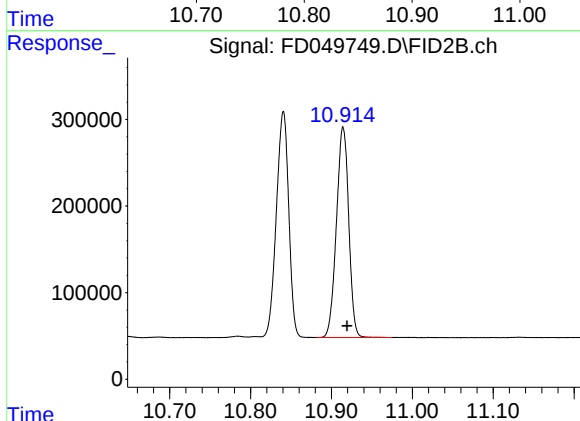
R.T.: 9.441 min
Delta R.T.: -0.004 min
Response: 2789060
Conc: 20.11 ug/ml



#9 Phenanthrene (C19.36)

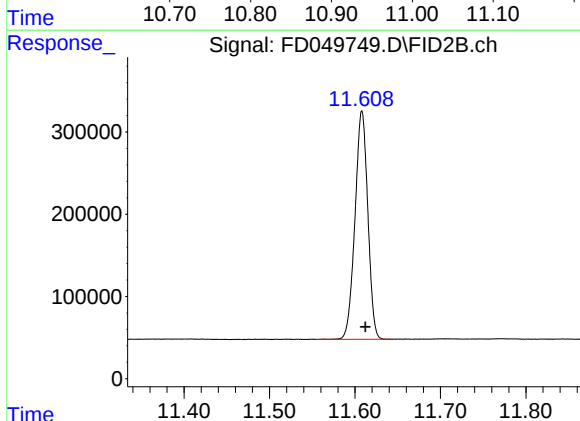
R.T.: 10.840 min
Delta R.T.: -0.004 min
Response: 2762567
Conc: 19.83 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



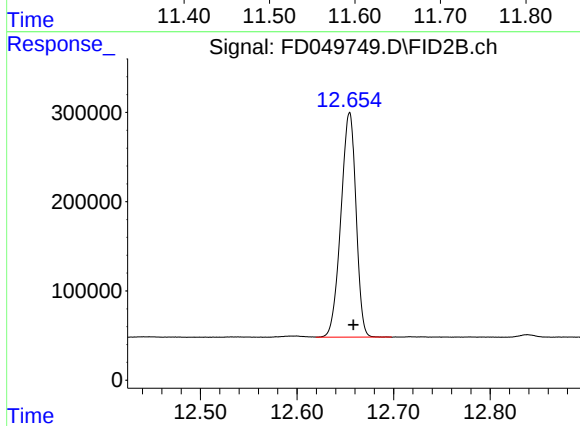
#10 Anthracene (C19.43)

R.T.: 10.914 min
Delta R.T.: -0.005 min
Response: 2567585
Conc: 19.45 ug/ml



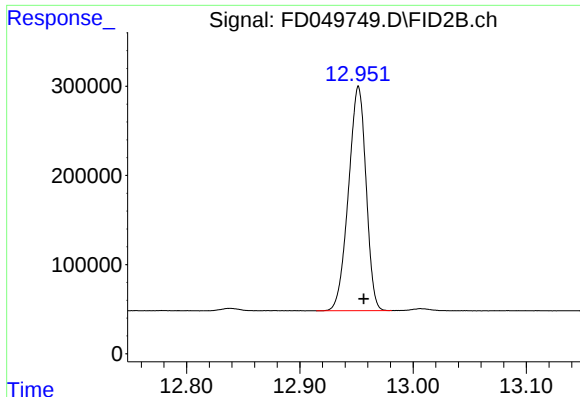
#11 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: -0.004 min
Response: 2893973
Conc: 20.45 ug/ml



#12 Fluoranthene (C21.85)

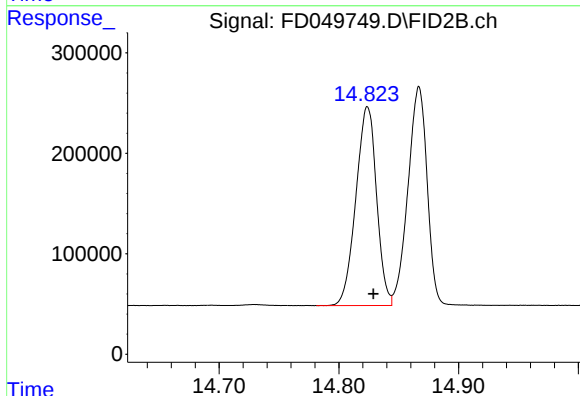
R.T.: 12.654 min
Delta R.T.: -0.004 min
Response: 2736870
Conc: 20.32 ug/ml



#13 Pyrene (C20.8)

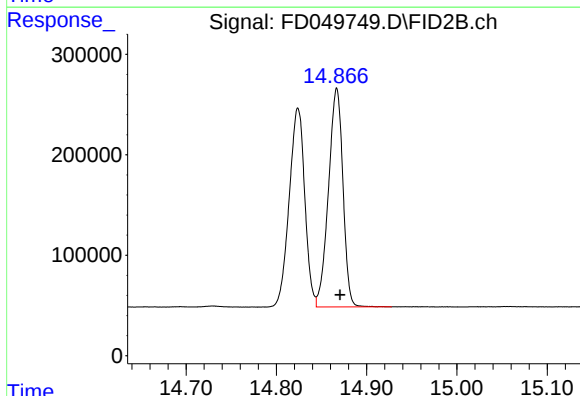
R.T.: 12.952 min
Delta R.T.: -0.005 min
Response: 2710401
Conc: 20.38 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



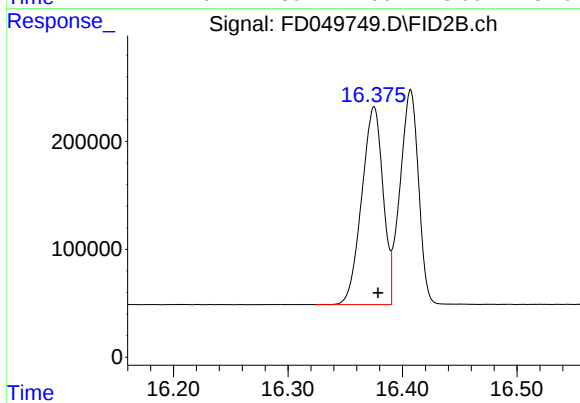
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.824 min
Delta R.T.: -0.005 min
Response: 2373983
Conc: 19.85 ug/ml



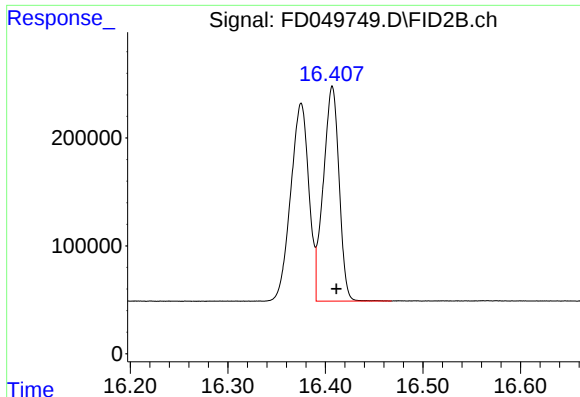
#15 Chrysene (C27.41)

R.T.: 14.867 min
Delta R.T.: -0.004 min
Response: 2422593
Conc: 19.91 ug/ml



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

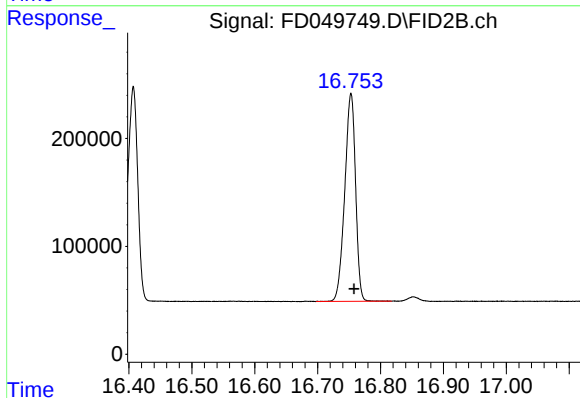
R.T.: 16.375 min
Delta R.T.: -0.004 min
Response: 2372838
Conc: 19.80 ug/ml



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

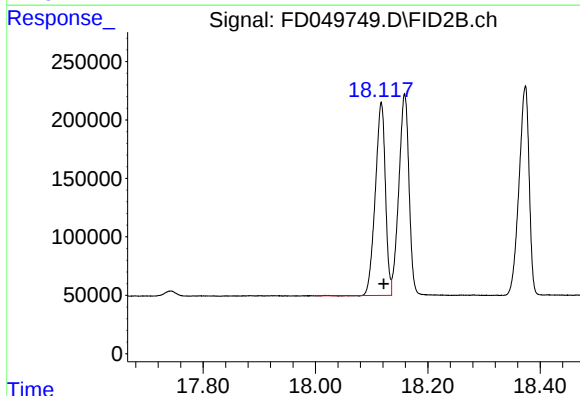
R.T.: 16.407 min
Delta R.T.: -0.004 min
Response: 2233485
Conc: 19.82 ug/ml

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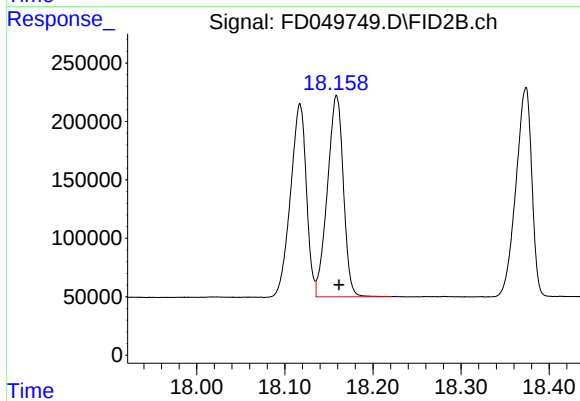
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.753 min
Delta R.T.: -0.005 min
Response: 2300107
Conc: 19.60 ug/ml



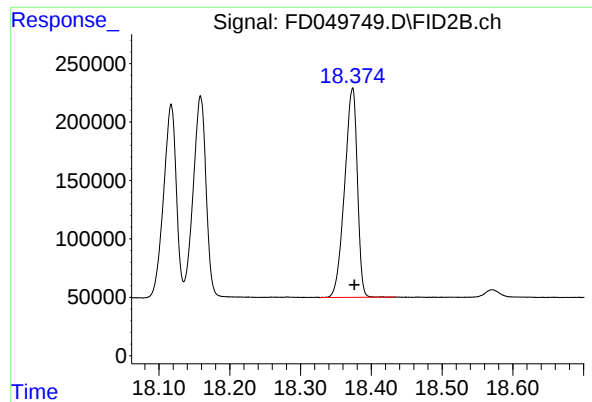
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.117 min
Delta R.T.: -0.005 min
Response: 2066769
Conc: 19.00 ug/ml



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

R.T.: 18.159 min
Delta R.T.: -0.003 min
Response: 2170059
Conc: 19.04 ug/ml



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

R.T.: 18.373 min
Delta R.T.: -0.003 min
Response: 2242330
Conc: 19.27 ug/ml

Instrument :

FID_D

ClientSampleId :

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