

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082625AR\
 Data File : FD049670.D
 Signal(s) : FID2B.ch
 Acq On : 26 Aug 2025 11:12
 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: Aug 27 01:41:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.713	2044965	19.953 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
6) S 2-Fluorobiphenyl (SURR)	8.578	1468179	20.099 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.20%
11) S ortho-Terphenyl (SURR)	11.624	2596888	20.008 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	1987123	19.632 ug/ml
2) T Naphthalene (C11.7)	6.049	2280302	19.888 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2383223	19.978 ug/ml
5) T Acenaphthylene (C15.06)	8.381	2484648	19.765 ug/ml
7) T Acenaphthene (C15.5)	8.677	2515836	20.009 ug/ml
8) T Flouorene (C16.55)	9.459	2549262	20.135 ug/ml
9) T Phenanthrene (C19.36)	10.857	2578882	19.964 ug/ml
10) T Anthracene (C19.43)	10.931	2119034	17.201 ug/ml
12) T Fluoranthene (C21.85)	12.671	2554005	19.951 ug/ml
13) T Pyrene (C20.8)	12.969	2522767	19.870 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2243213	19.439 ug/ml
15) T Chrysene (C27.41)	14.882	2334855	19.942 ug/ml
16) T benzo[b]fluoranthene ...	16.392	2258285	19.856 ug/ml
17) T Bnezo[k]fluoranthene ...	16.424	2115979	19.767 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2124239	19.148 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	2045829	19.847 ug/ml
20) T Dibenz[a,h]anthracene...	18.175	2448038	22.459 ug/ml
21) T Benzo[g,h,i]perylene ...	18.390	2174624	19.900 ug/ml

(f)=RT Delta > 1/2 Window

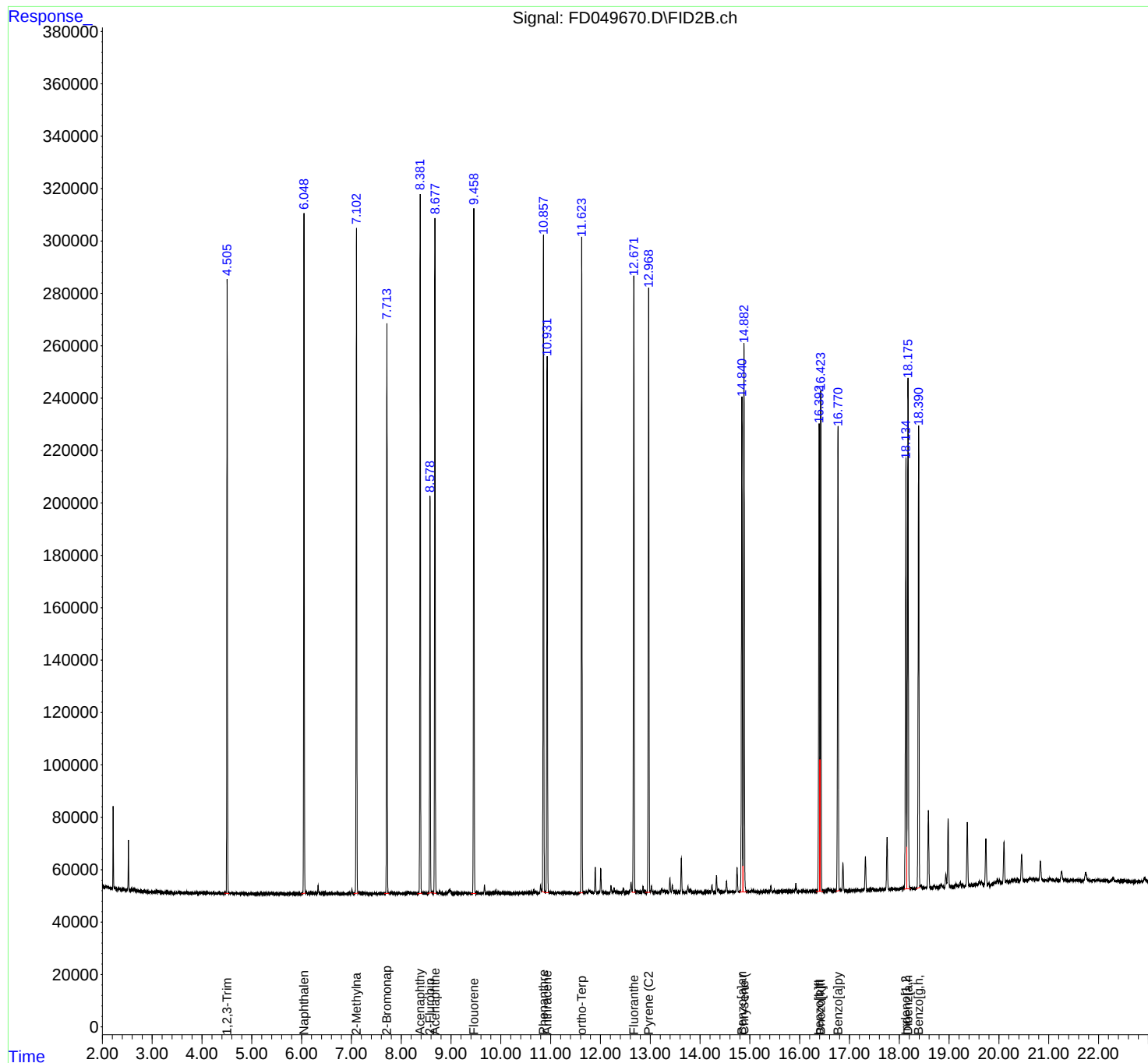
(m)=manual int.

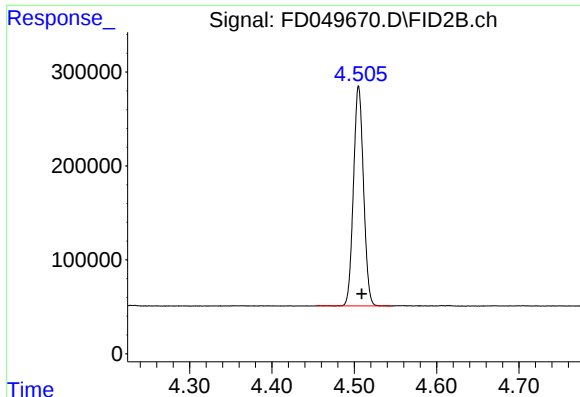
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
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Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

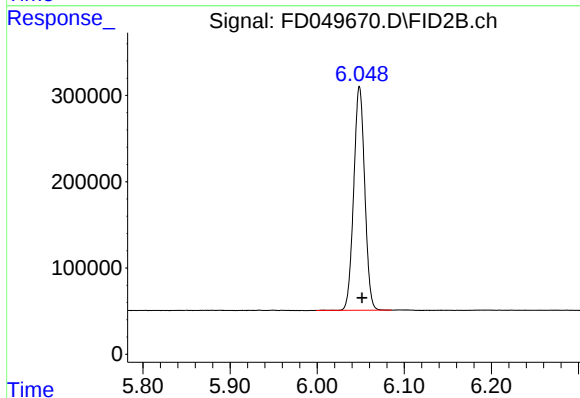




#1 1,2,3-Trimethylbenzene (C10.1)

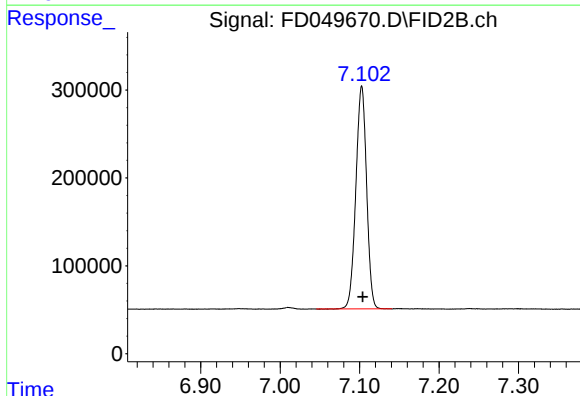
R.T.: 4.505 min
Delta R.T.: -0.004 min
Response: 1987123
Conc: 19.63 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



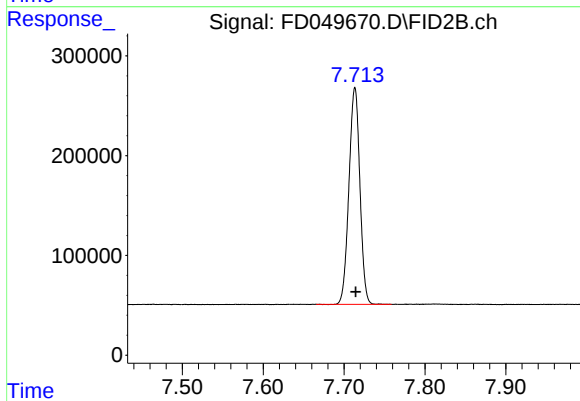
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.003 min
Response: 2280302
Conc: 19.89 ug/ml



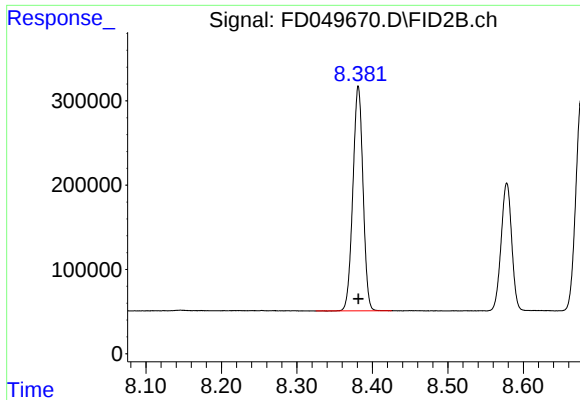
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.001 min
Response: 2383223
Conc: 19.98 ug/ml



#4 2-Bromonaphthalene (SURR)

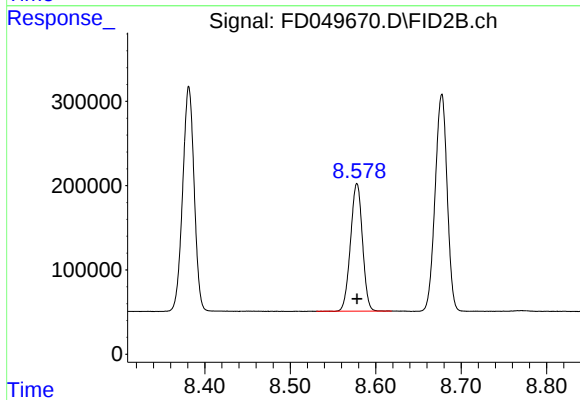
R.T.: 7.713 min
Delta R.T.: 0.000 min
Response: 2044965
Conc: 19.95 ug/ml



#5 Acenaphthylene (C15.06)

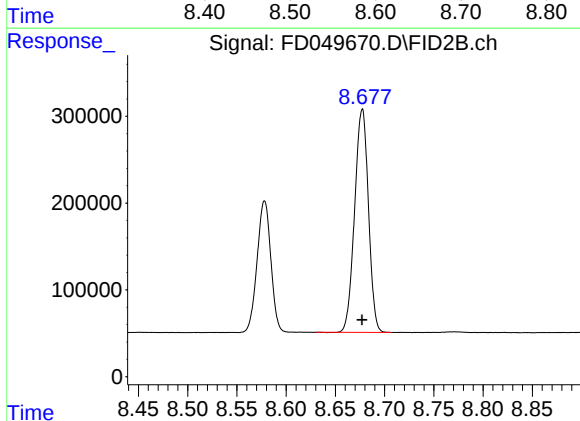
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 2484648
Conc: 19.76 ug/ml

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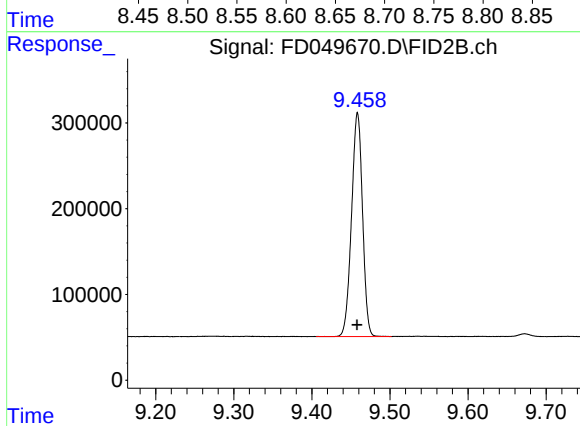
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1468179
Conc: 20.10 ug/ml



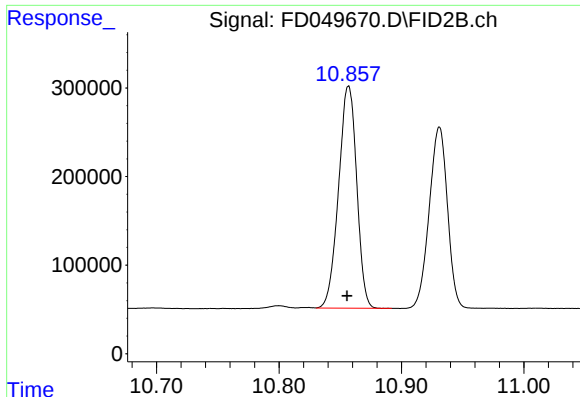
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 2515836
Conc: 20.01 ug/ml



#8 Fluorene (C16.55)

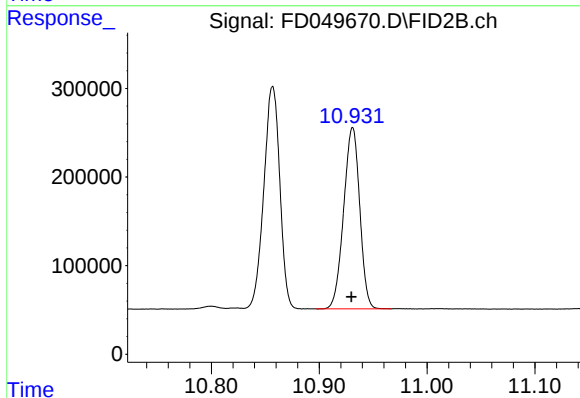
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 2549262
Conc: 20.13 ug/ml



#9 Phenanthrene (C19.36)

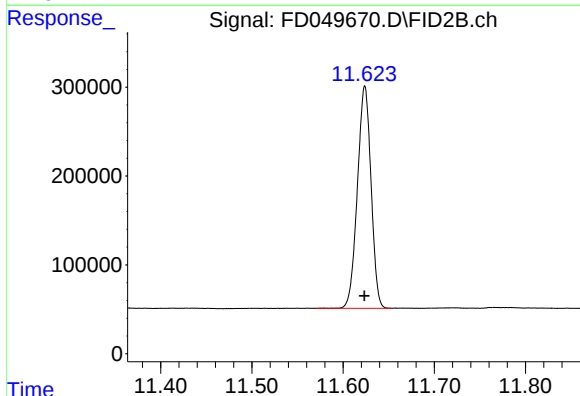
R.T.: 10.857 min
Delta R.T.: 0.001 min
Response: 2578882
Conc: 19.96 ug/ml

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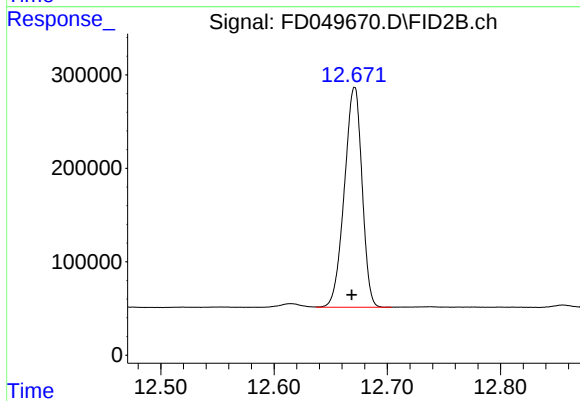
#10 Anthracene (C19.43)

R.T.: 10.931 min
Delta R.T.: 0.001 min
Response: 2119034
Conc: 17.20 ug/ml



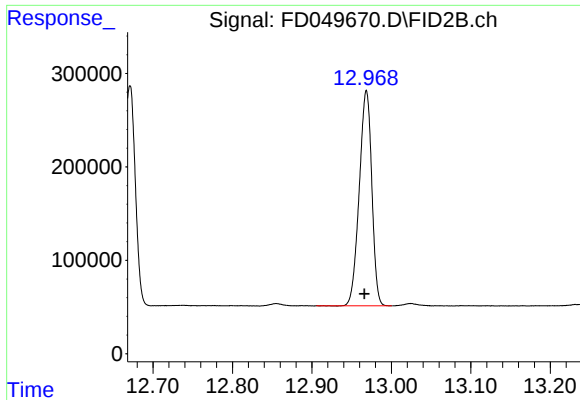
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2596888
Conc: 20.01 ug/ml



#12 Fluoranthene (C21.85)

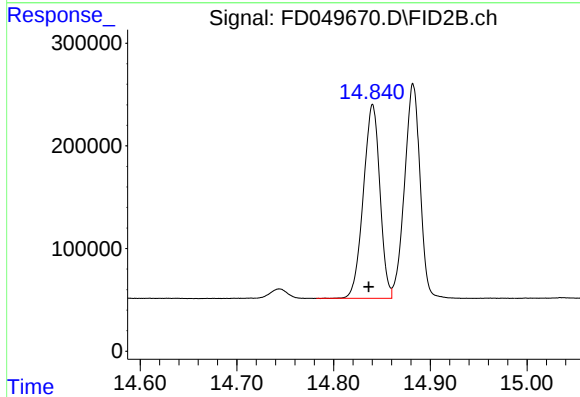
R.T.: 12.671 min
Delta R.T.: 0.002 min
Response: 2554005
Conc: 19.95 ug/ml



#13 Pyrene (C20.8)

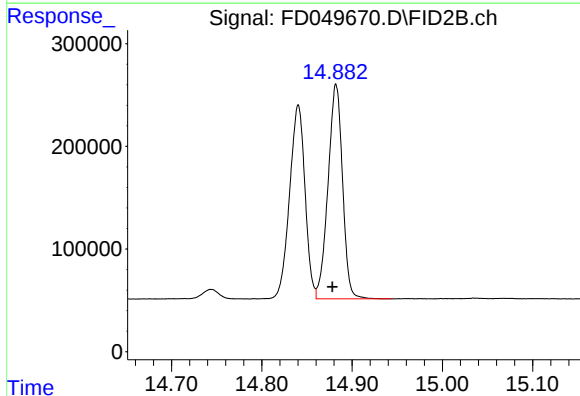
R.T.: 12.969 min
Delta R.T.: 0.002 min
Response: 2522767
Conc: 19.87 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



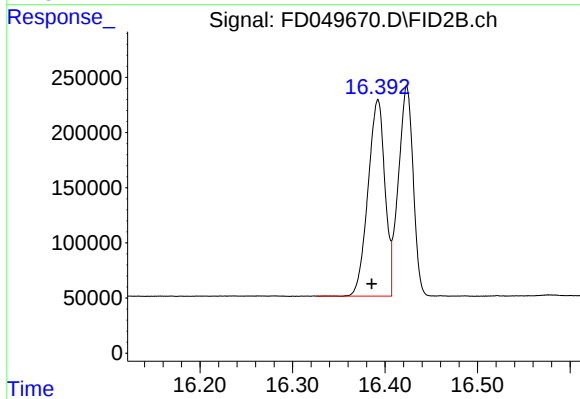
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.004 min
Response: 2243213
Conc: 19.44 ug/ml



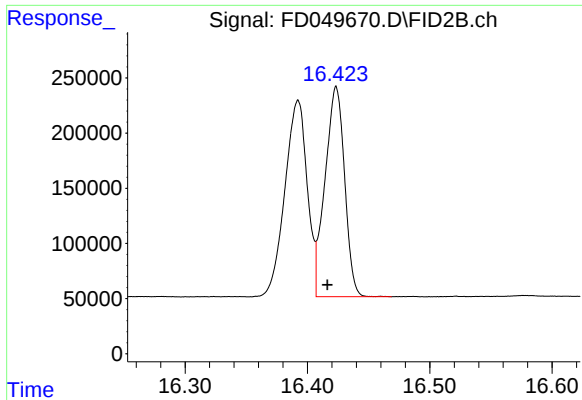
#15 Chrysene (C27.41)

R.T.: 14.882 min
Delta R.T.: 0.004 min
Response: 2334855
Conc: 19.94 ug/ml



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

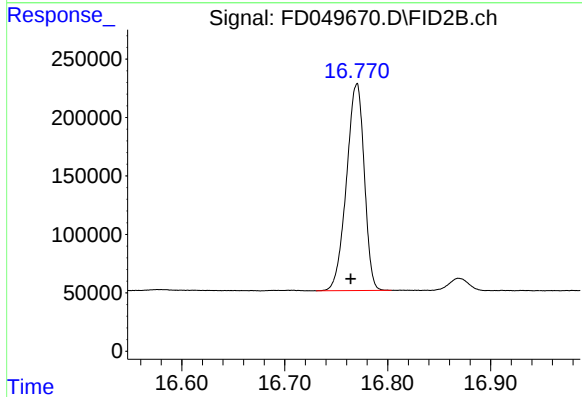
R.T.: 16.392 min
Delta R.T.: 0.007 min
Response: 2258285
Conc: 19.86 ug/ml



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

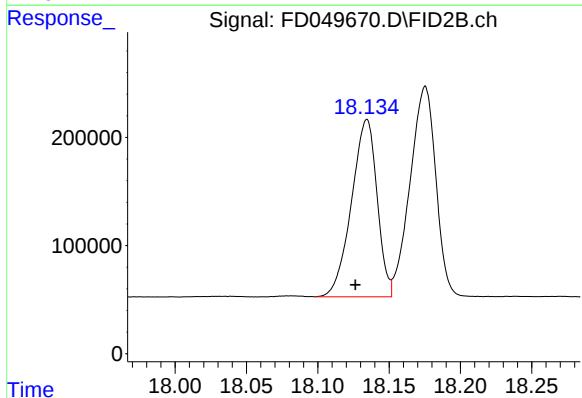
R.T.: 16.424 min
Delta R.T.: 0.007 min
Response: 2115979
Conc: 19.77 ug/ml

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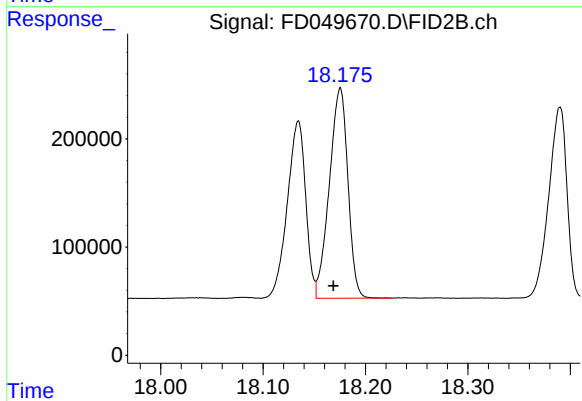
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.770 min
Delta R.T.: 0.006 min
Response: 2124239
Conc: 19.15 ug/ml



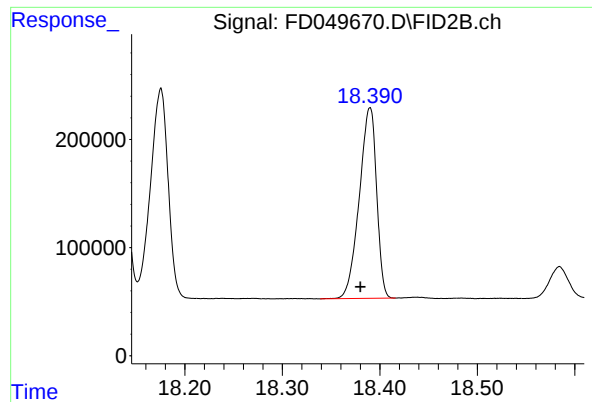
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: 0.008 min
Response: 2045829
Conc: 19.85 ug/ml



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

R.T.: 18.175 min
Delta R.T.: 0.007 min
Response: 2448038
Conc: 22.46 ug/ml



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

R.T.: 18.390 min
Delta R.T.: 0.010 min
Response: 2174624
Conc: 19.90 ug/ml

Instrument :

FID_D

ClientSampleId :

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