

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052425AR\
 Data File : FD049397.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 16:43
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 27 03:03:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:01:40 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...	7.736	1696274	9.978 ug/ml
Spiked Amount 50.000		Recovery =	19.96%
6) S 2-Fluorobiphenyl (SURR)	8.601	1163335	9.926 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.85%
11) S ortho-Terphenyl (SURR)	11.646	2085461	10.103 ug/ml
Spiked Amount 50.000		Recovery =	20.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	1621857	9.955 ug/ml
2) T Naphthalene (C11.7)	6.072	1785610	9.965 ug/ml
3) T 2-Methylnaphthalene (...)	7.126	1820808	9.989 ug/ml
5) T Acenaphthylene (C15.06)	8.405	1984689	10.011 ug/ml
7) T Acenaphthene (C15.5)	8.701	1953056	10.035 ug/ml
8) T Fluorene (C16.55)	9.482	2006784	10.001 ug/ml
9) T Phenanthrene (C19.36)	10.880	1952129	9.962 ug/ml
10) T Anthracene (C19.43)	10.954	1785562	9.923 ug/ml
12) T Fluoranthene (C21.85)	12.694	1851889	9.922 ug/ml
13) T Pyrene (C20.8)	12.992	1829800	9.917 ug/ml
14) T Benzo[a]anthracene (C...	14.863	1539625	9.813 ug/ml
15) T Chrysene (C27.41)	14.905	1539979	9.822 ug/ml
16) T benzo[b]fluoranthene ...	16.413	1487417	10.019 ug/ml
17) T Bnezo[k]fluoranthene ...	16.445	1476834	10.005 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.792	1395294	9.992 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.156	1311671	10.059 ug/ml
20) T Dibenz[a,h]anthracene...	18.197	1409749	10.200 ug/ml
21) T Benzo[g,h,i]perylene ...	18.411	1398701	10.116 ug/ml

(f)=RT Delta > 1/2 Window

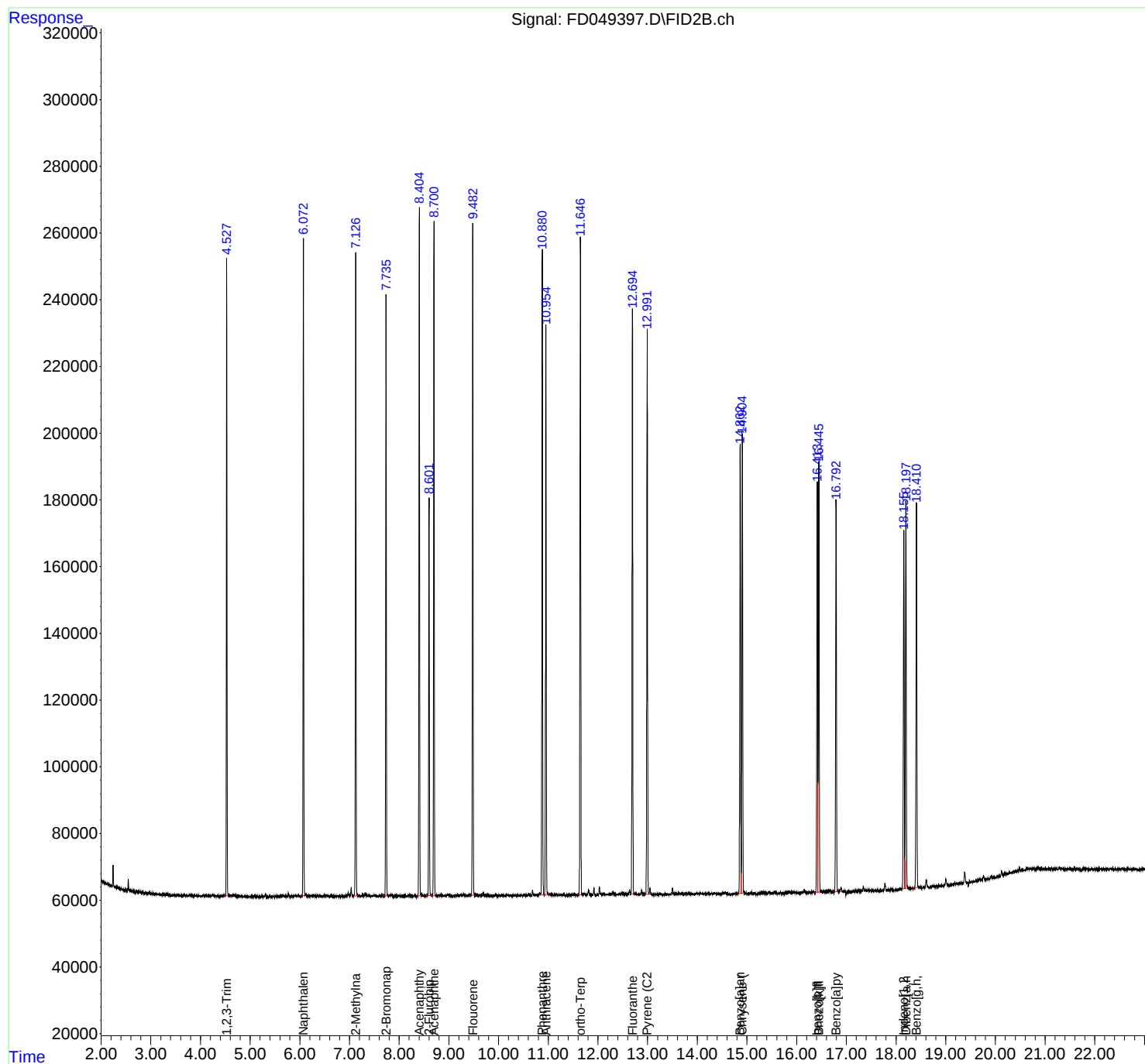
(m)=manual int.

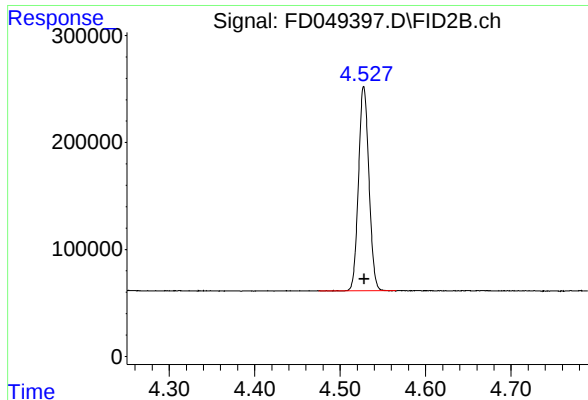
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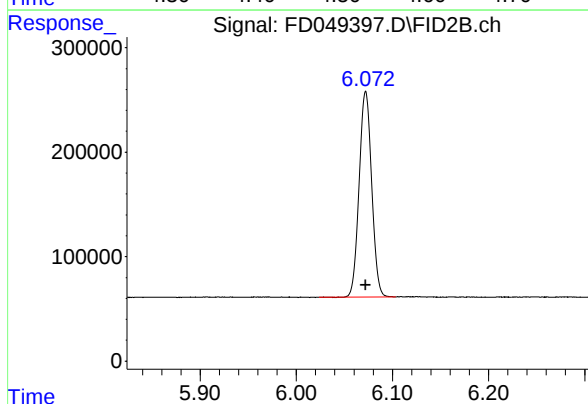




#1 1,2,3-Trimethylbenzene (C10.1)

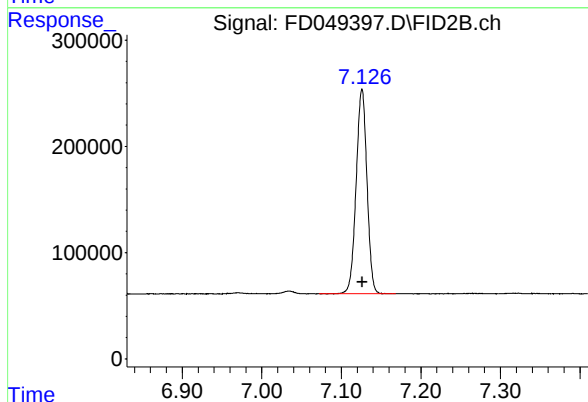
R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 1621857
Conc: 9.96 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



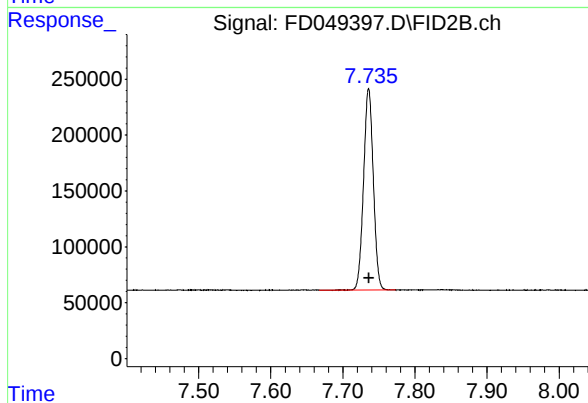
#2 Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1785610
Conc: 9.97 ug/ml



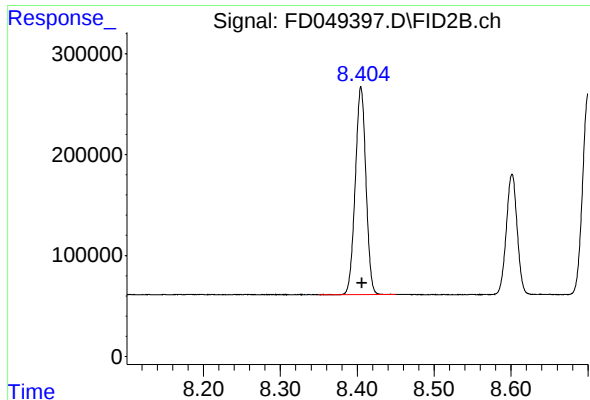
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 1820808
Conc: 9.99 ug/ml



#4 2-Bromonaphthalene (SURR)

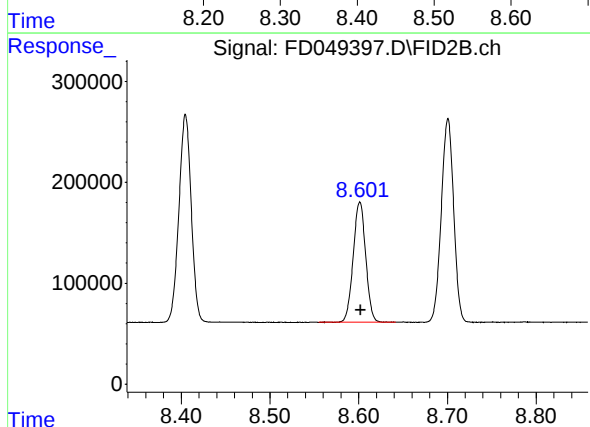
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 1696274
Conc: 9.98 ug/ml



#5 Acenaphthylene (C15.06)

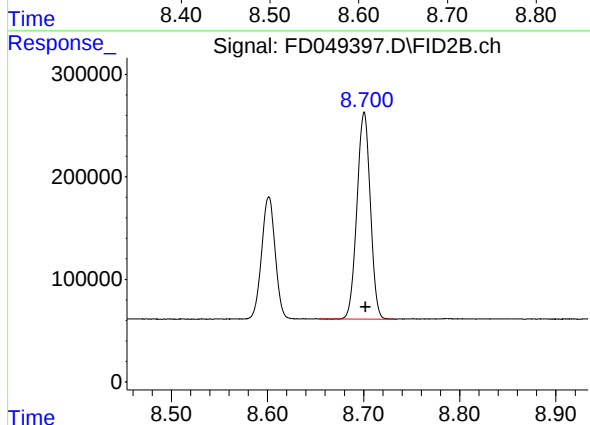
R.T.: 8.405 min
Delta R.T.: -0.001 min
Response: 1984689
Conc: 10.01 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



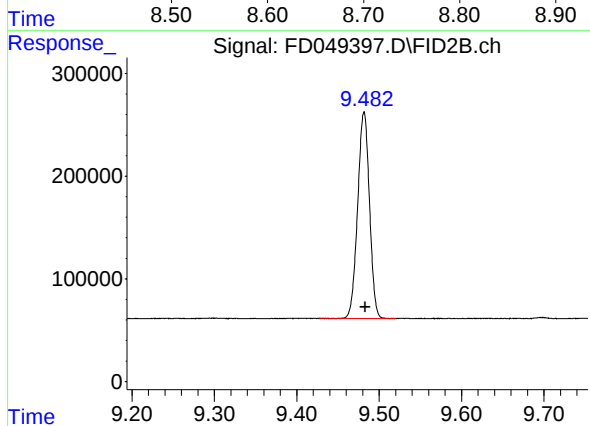
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 1163335
Conc: 9.93 ug/ml



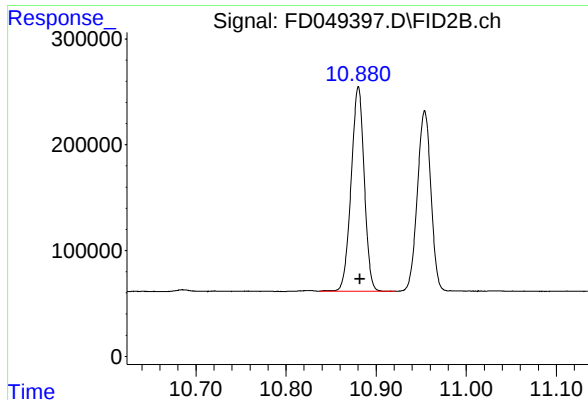
#7 Acenaphthene (C15.5)

R.T.: 8.701 min
Delta R.T.: -0.002 min
Response: 1953056
Conc: 10.04 ug/ml



#8 Flouorene (C16.55)

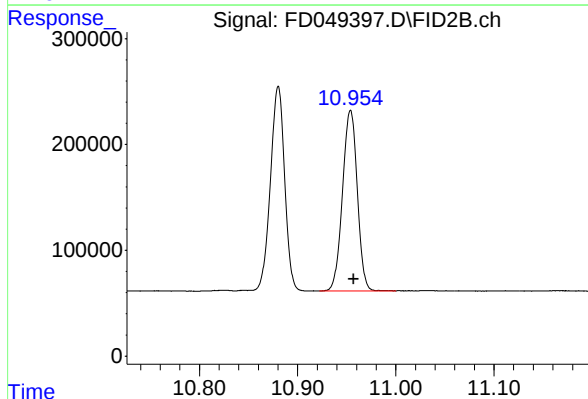
R.T.: 9.482 min
Delta R.T.: -0.001 min
Response: 2006784
Conc: 10.00 ug/ml



#9 Phenanthrene (C19.36)

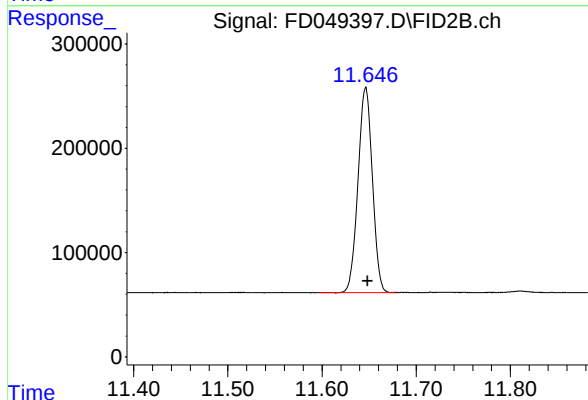
R.T.: 10.880 min
Delta R.T.: -0.002 min
Response: 1952129
Conc: 9.96 ug/ml

Instrument :
FID_D
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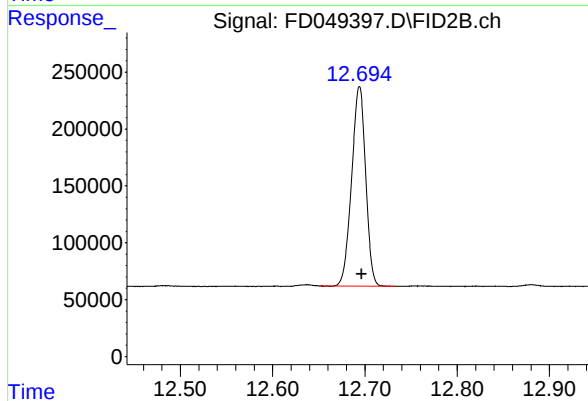
#10 Anthracene (C19.43)

R.T.: 10.954 min
Delta R.T.: -0.003 min
Response: 1785562
Conc: 9.92 ug/ml



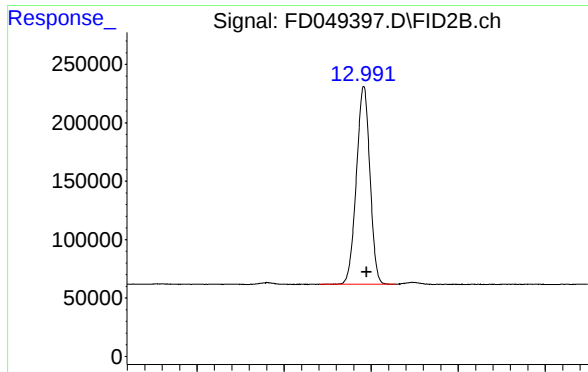
#11 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: -0.002 min
Response: 2085461
Conc: 10.10 ug/ml



#12 Fluoranthene (C21.85)

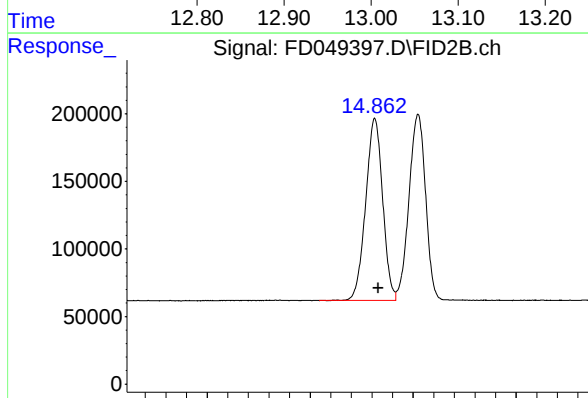
R.T.: 12.694 min
Delta R.T.: -0.002 min
Response: 1851889
Conc: 9.92 ug/ml



#13 Pyrene (C20.8)

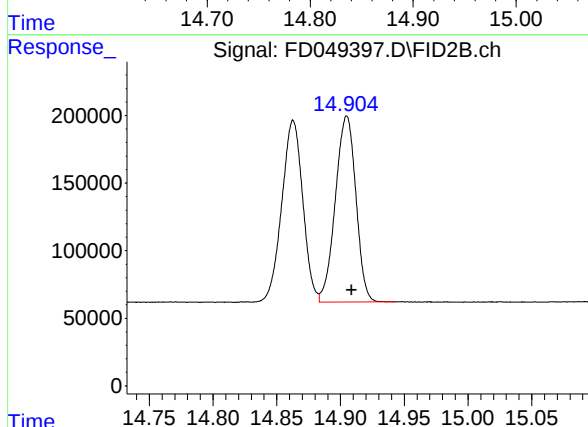
R.T.: 12.992 min
Delta R.T.: -0.003 min
Response: 1829800
Conc: 9.92 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



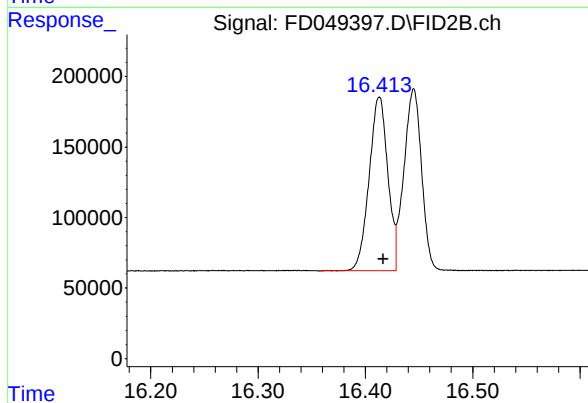
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.863 min
Delta R.T.: -0.003 min
Response: 1539625
Conc: 9.81 ug/ml



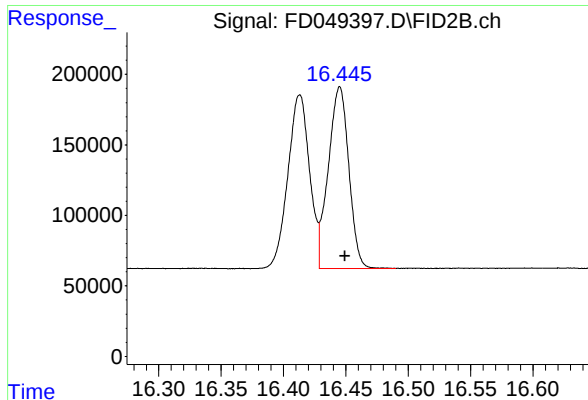
#15 Chrysene (C27.41)

R.T.: 14.905 min
Delta R.T.: -0.004 min
Response: 1539979
Conc: 9.82 ug/ml



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

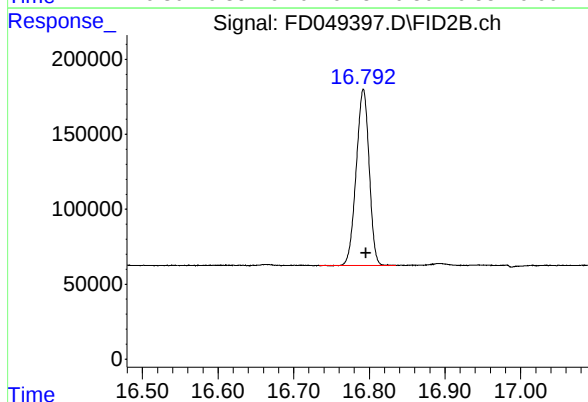
R.T.: 16.413 min
Delta R.T.: -0.004 min
Response: 1487417
Conc: 10.02 ug/ml



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

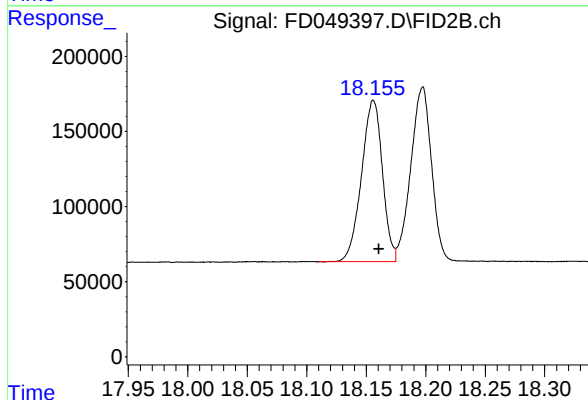
R.T.: 16.445 min
Delta R.T.: -0.004 min
Response: 1476834
Conc: 10.01 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



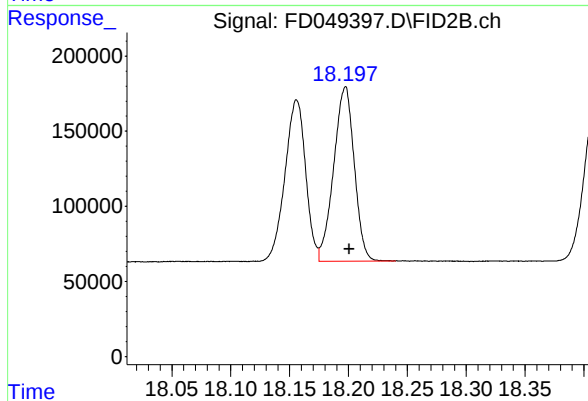
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.792 min
Delta R.T.: -0.004 min
Response: 1395294
Conc: 9.99 ug/ml



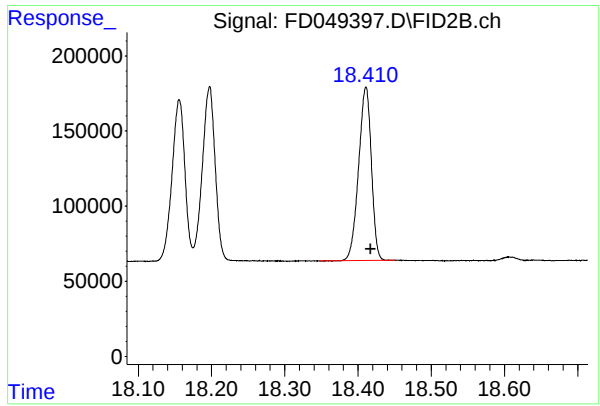
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.156 min
Delta R.T.: -0.005 min
Response: 1311671
Conc: 10.06 ug/ml



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

R.T.: 18.197 min
Delta R.T.: -0.003 min
Response: 1409749
Conc: 10.20 ug/ml



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

R.T.: 18.411 min
Delta R.T.: -0.006 min
Response: 1398701
Conc: 10.12 ug/ml

Instrument :

FID_D

ClientSampleId :

10 PPM AROMATIC HC STD4