

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052124AR\
 Data File : FD047803.D
 Signal(s) : FID2B.ch
 Acq On : 21 May 2024 17:42
 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 21 18:23:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 18:23:04 2024
 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...	7.457	1550789	10.916 ug/ml
Spiked Amount 50.000		Recovery =	21.83%
6) S 2-Fluorobiphenyl (SURR)	8.311	1018458	10.725 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.45%
11) S ortho-Terphenyl (SURR)	11.349	1768769	11.032 ug/ml
Spiked Amount 50.000		Recovery =	22.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	1739841	10.959 ug/ml
2) T Naphthalene (C11.7)	5.795	1782673	10.799 ug/ml
3) T 2-Methylnaphthalene (...)	6.844	1810802	10.856 ug/ml
5) T Acenaphthylene (C15.06)	8.113	1805891	10.957 ug/ml
7) T Acenaphthene (C15.5)	8.407	1805351	10.966 ug/ml
8) T Flouorene (C16.55)	9.187	1722731	10.809 ug/ml
9) T Phenanthrene (C19.36)	10.577	1691539	10.800 ug/ml
10) T Anthracene (C19.43)	10.652	1646217	10.709 ug/ml
12) T Fluoranthene (C21.85)	12.384	1655208	10.803 ug/ml
13) T Pyrene (C20.8)	12.678	1659077	10.878 ug/ml
14) T Benzo[a]anthracene (C...	14.548	1484541	10.526 ug/ml
15) T Chrysene (C27.41)	14.589	1645019	11.106 ug/ml
16) T benzo[b]fluoranthene ...	16.094	1538191	10.711 ug/ml
17) T Bnezo[k]fluoranthene ...	16.125	1497636	10.957 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	1511481	10.729 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	1183875	9.747 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	1474999	10.907 ug/ml
21) T Benzo[g,h,i]perylene ...	18.084	1432003	10.520 ug/ml

(f)=RT Delta > 1/2 Window

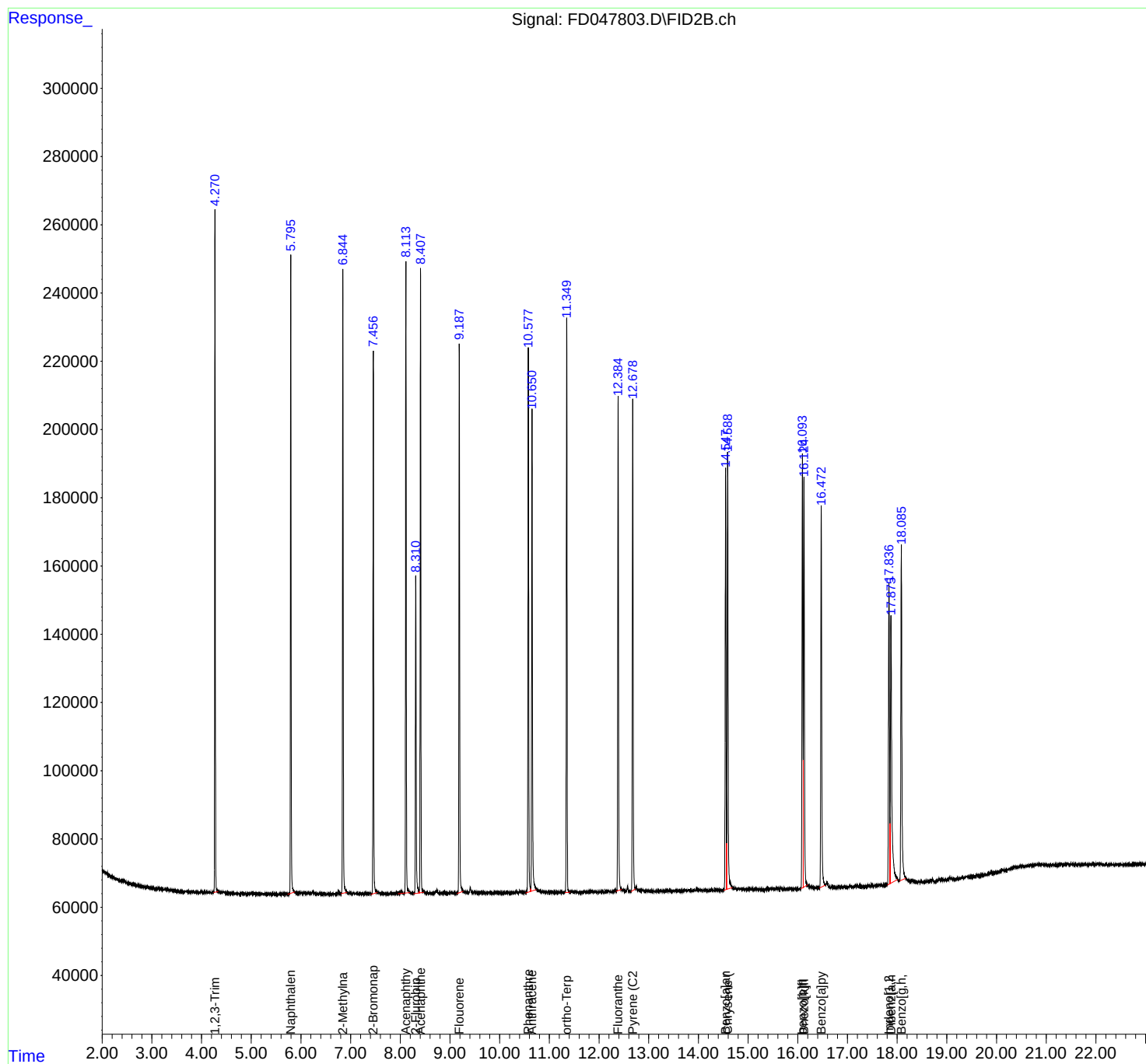
(m)=manual int.

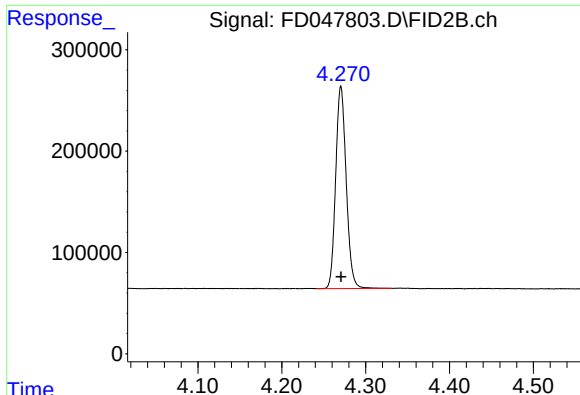
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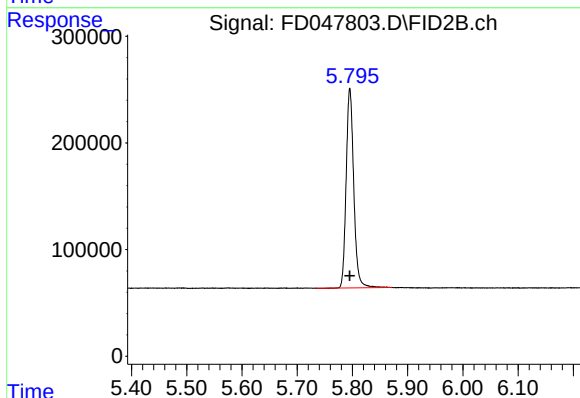




#1 1,2,3-Trimethylbenzene (C10.1)

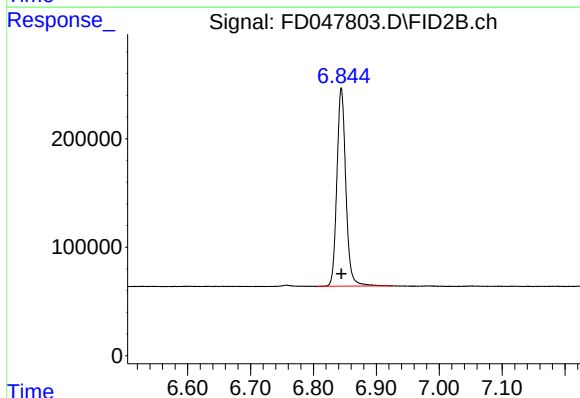
R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 1739841
Conc: 10.96 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



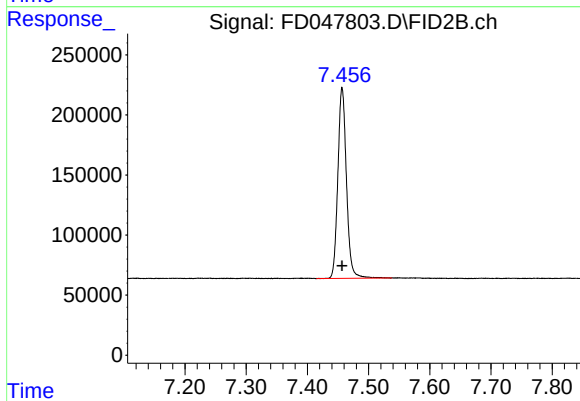
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 1782673
Conc: 10.80 ug/ml



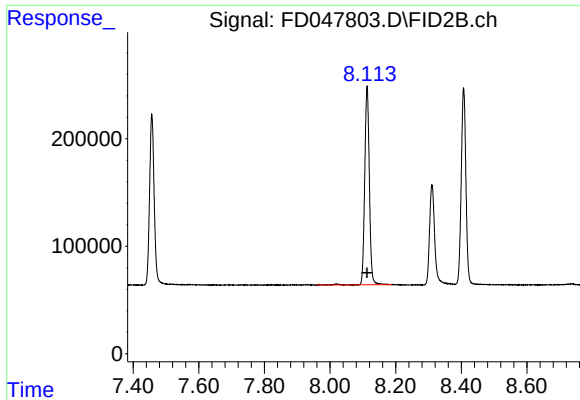
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 1810802
Conc: 10.86 ug/ml



#4 2-Bromonaphthalene (SURR)

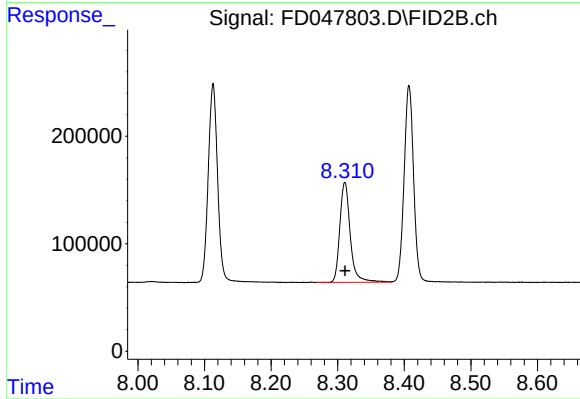
R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 1550789
Conc: 10.92 ug/ml



#5 Acenaphthylene (C15.06)

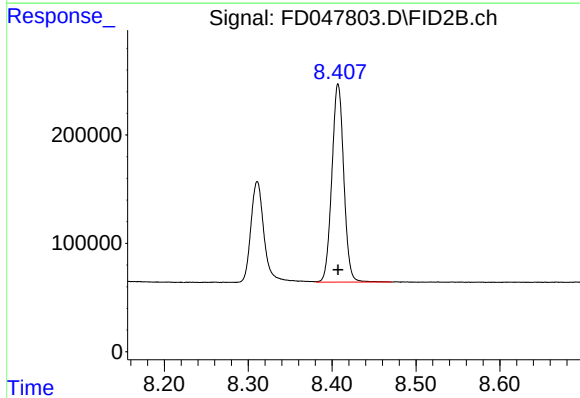
R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 1805891
Conc: 10.96 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



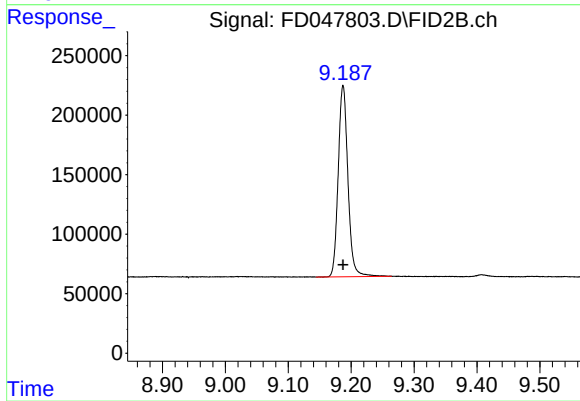
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 1018458
Conc: 10.73 ug/ml



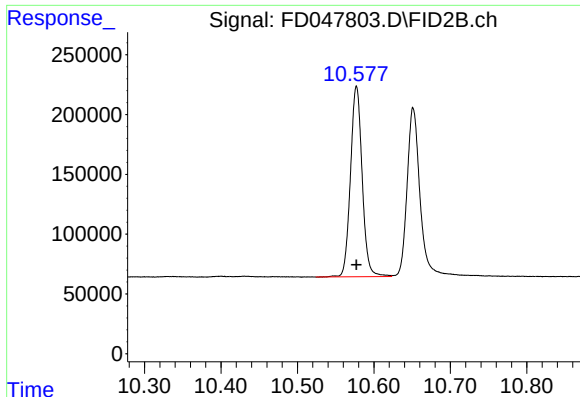
#7 Acenaphthene (C15.5)

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 1805351
Conc: 10.97 ug/ml



#8 Fluorene (C16.55)

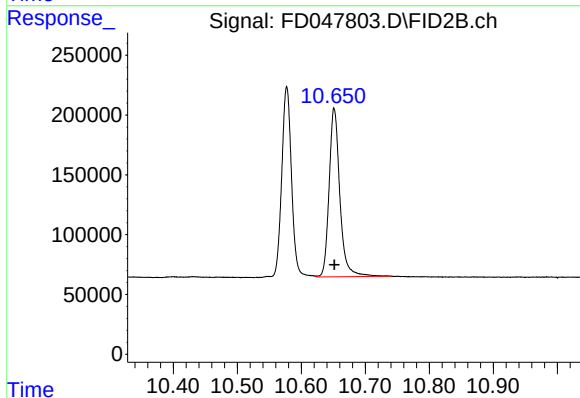
R.T.: 9.187 min
Delta R.T.: 0.000 min
Response: 1722731
Conc: 10.81 ug/ml



#9 Phenanthrene (C19.36)

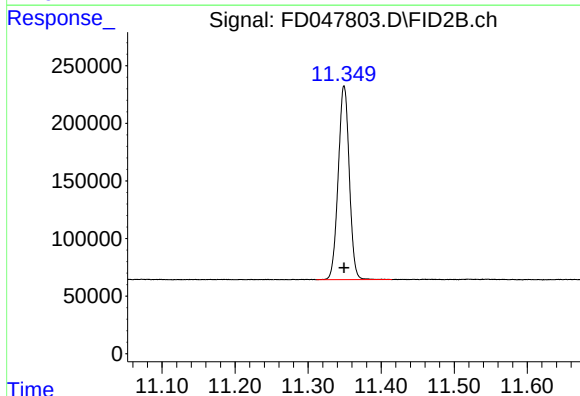
R.T.: 10.577 min
Delta R.T.: 0.000 min
Response: 1691539
Conc: 10.80 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



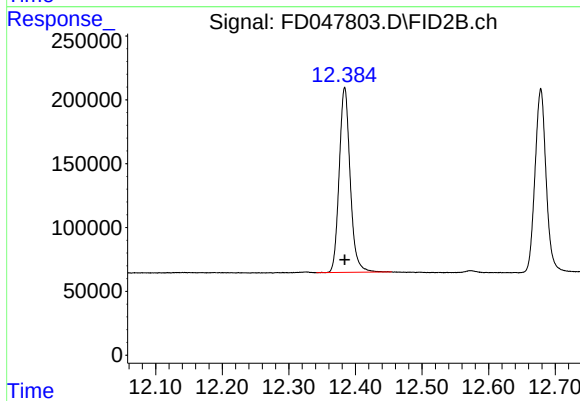
#10 Anthracene (C19.43)

R.T.: 10.652 min
Delta R.T.: 0.000 min
Response: 1646217
Conc: 10.71 ug/ml



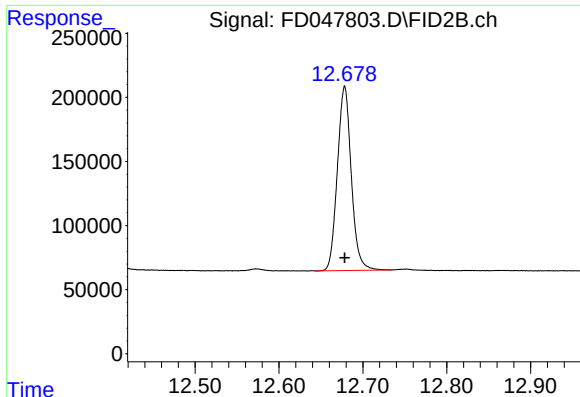
#11 ortho-Terphenyl (SURR)

R.T.: 11.349 min
Delta R.T.: 0.000 min
Response: 1768769
Conc: 11.03 ug/ml



#12 Fluoranthene (C21.85)

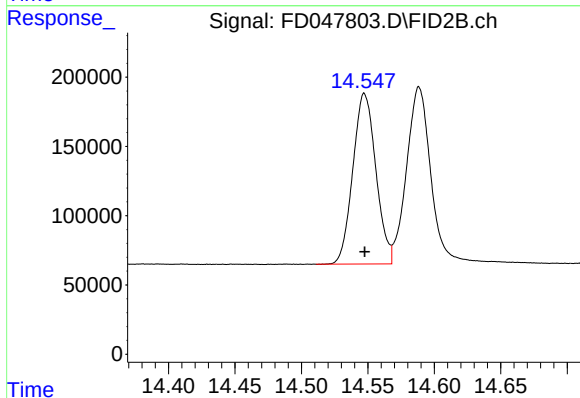
R.T.: 12.384 min
Delta R.T.: 0.000 min
Response: 1655208
Conc: 10.80 ug/ml



#13 Pyrene (C20.8)

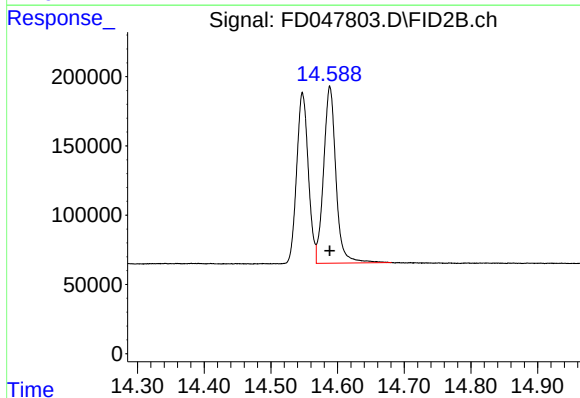
R.T.: 12.678 min
Delta R.T.: 0.000 min
Response: 1659077
Conc: 10.88 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



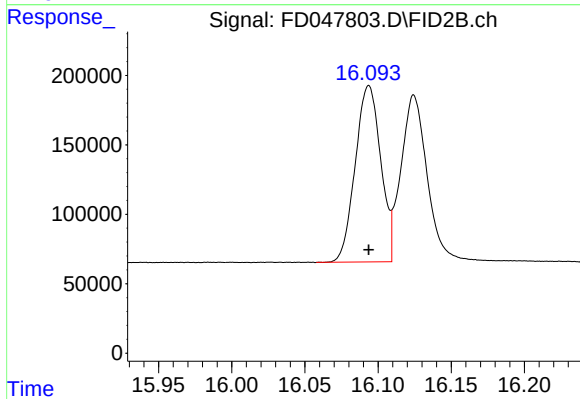
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.548 min
Delta R.T.: 0.000 min
Response: 1484541
Conc: 10.53 ug/ml



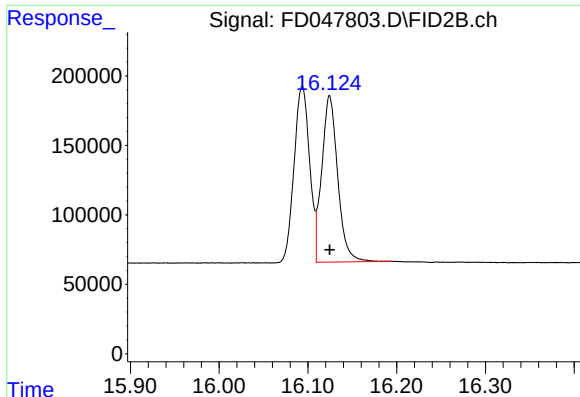
#15 Chrysene (C27.41)

R.T.: 14.589 min
Delta R.T.: 0.000 min
Response: 1645019
Conc: 11.11 ug/ml



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

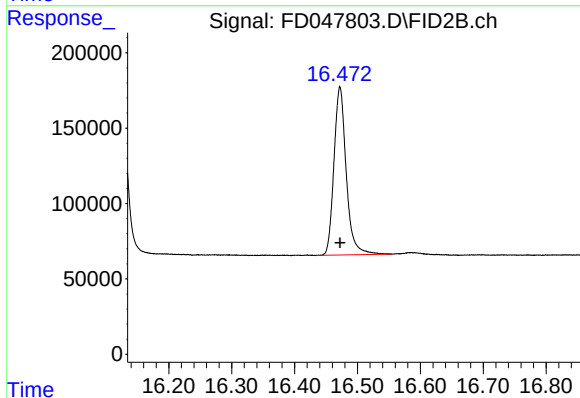
R.T.: 16.094 min
Delta R.T.: 0.000 min
Response: 1538191
Conc: 10.71 ug/ml



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

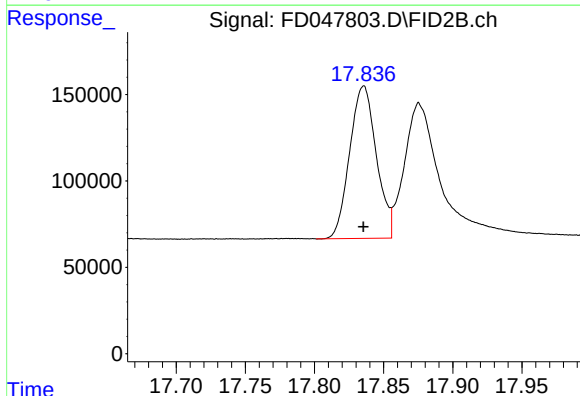
R.T.: 16.125 min
Delta R.T.: 0.000 min
Response: 1497636
Conc: 10.96 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



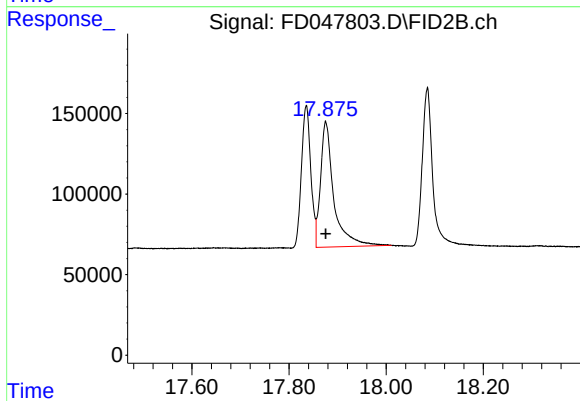
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: 0.000 min
Response: 1511481
Conc: 10.73 ug/ml



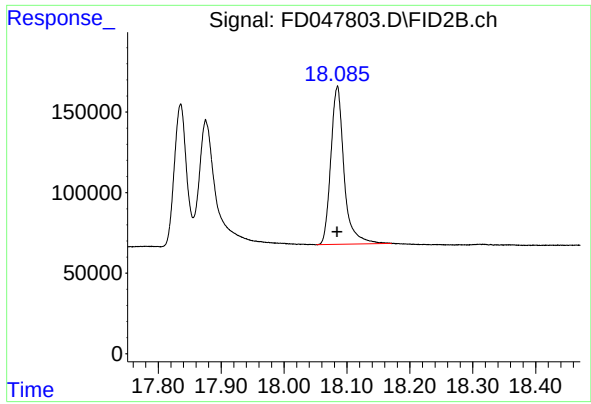
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: 0.000 min
Response: 1183875
Conc: 9.75 ug/ml



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

R.T.: 17.876 min
Delta R.T.: 0.000 min
Response: 1474999
Conc: 10.91 ug/ml



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

R.T.: 18.084 min
Delta R.T.: 0.000 min
Response: 1432003
Conc: 10.52 ug/ml

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