

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040224AR\
 Data File : FD047477.D
 Signal(s) : FID2B.ch
 Acq On : 01 Apr 2024 15:35
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 01 16:05:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:05:19 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...	7.459	1516055	10.136 ug/ml
Spiked Amount 50.000		Recovery =	20.27%
6) S 2-Fluorobiphenyl (SURR)	8.312	981969	9.960 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.92%
11) S ortho-Terphenyl (SURR)	11.348	1756883	10.292 ug/ml
Spiked Amount 50.000		Recovery =	20.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.277	1622686	10.299 ug/ml
2) T Naphthalene (C11.7)	5.801	1661206	10.135 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	1672531	10.129 ug/ml
5) T Acenaphthylene (C15.06)	8.115	1539027	10.201 ug/ml
7) T Acenaphthene (C15.5)	8.409	1635148	10.217 ug/ml
8) T Fluorene (C16.55)	9.188	1570027	10.118 ug/ml
9) T Phenanthrene (C19.36)	10.577	1495467	9.995 ug/ml
10) T Anthracene (C19.43)	10.651	1365018	9.959 ug/ml
12) T Fluoranthene (C21.85)	12.381	1503685	10.165 ug/ml
13) T Pyrene (C20.8)	12.674	1474871	10.223 ug/ml
14) T Benzo[a]anthracene (C...	14.540	1341575	10.130 ug/ml
15) T Chrysene (C27.41)	14.580	1447443	10.307 ug/ml
16) T benzo[b]fluoranthene ...	16.082	1423075	10.186 ug/ml
17) T Bnezo[k]fluoranthene ...	16.114	1436858	10.365 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.458	1404081	10.222 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.817	1352969	9.911 ug/ml
20) T Dibenz[a,h]anthracene...	17.858	1401708	10.457 ug/ml
21) T Benzo[g,h,i]perylene ...	18.068	1419404	10.234 ug/ml

(f)=RT Delta > 1/2 Window

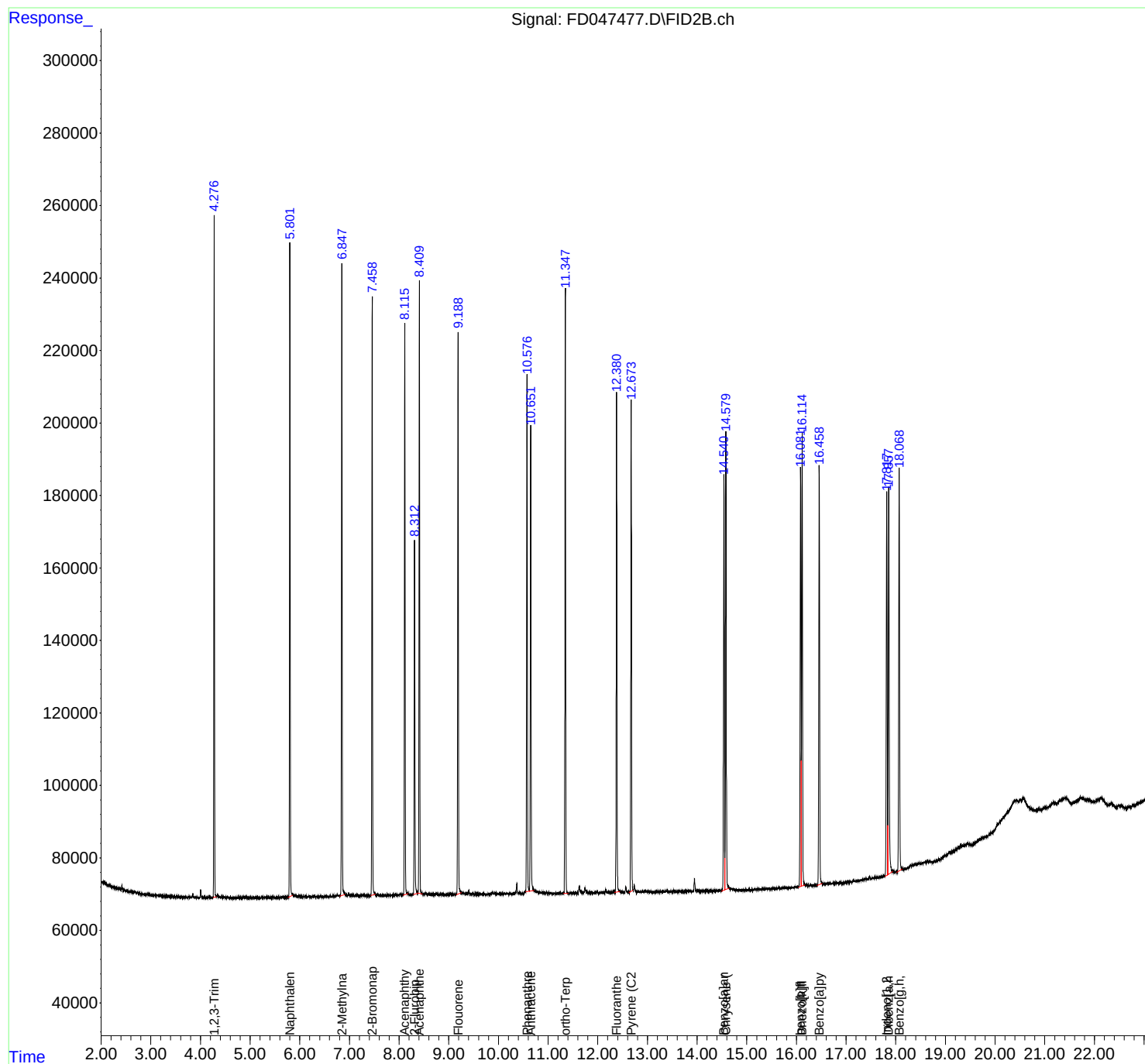
(m)=manual int.

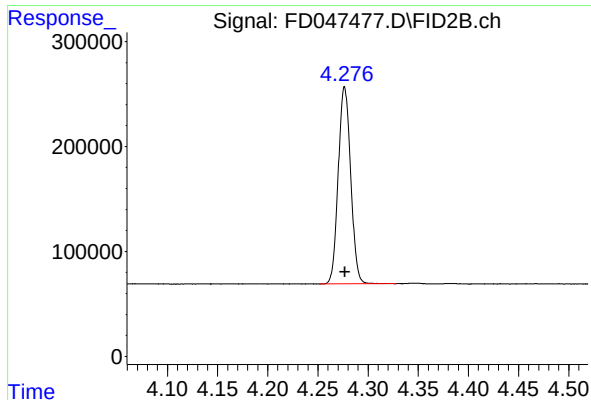
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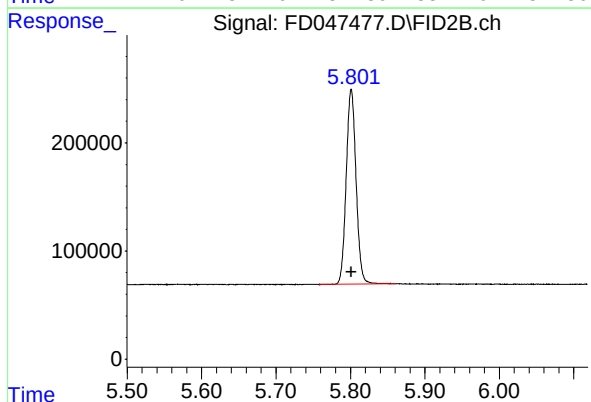




#1 1,2,3-Trimethylbenzene (C10.1)

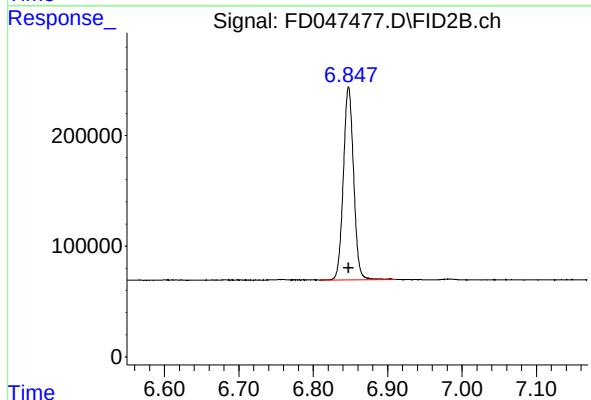
R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 1622686
Conc: 10.30 ug/ml

Instrument :
FID_D
ClientSampleId :



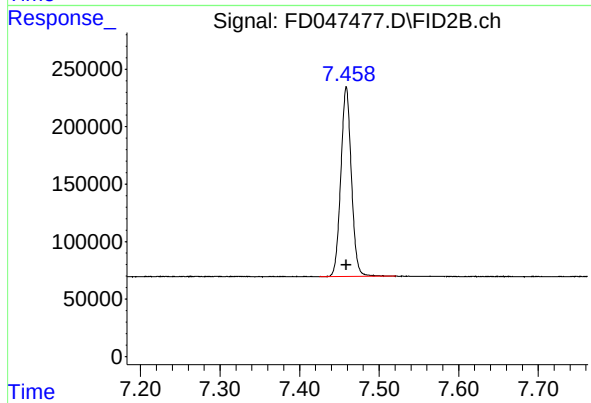
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 1661206
Conc: 10.13 ug/ml



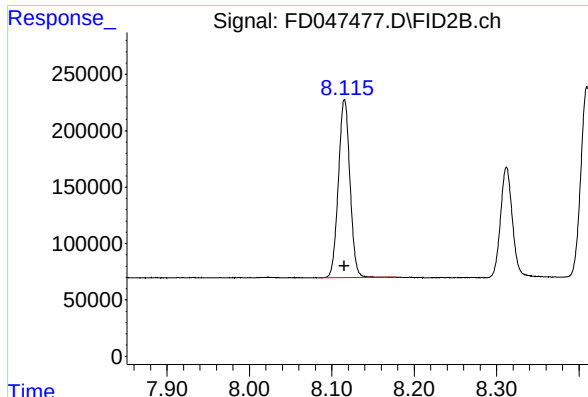
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 1672531
Conc: 10.13 ug/ml



#4 2-Bromonaphthalene (SURR)

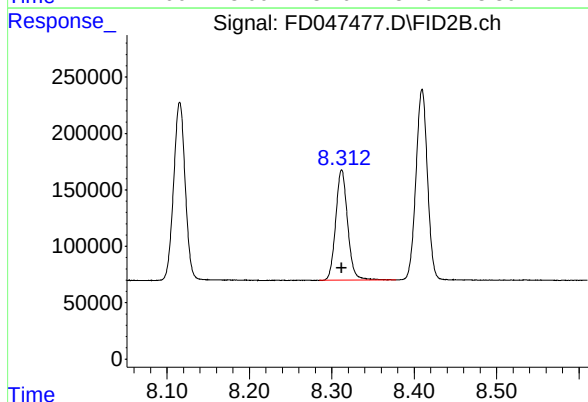
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 1516055
Conc: 10.14 ug/ml



#5 Acenaphthylene (C15.06)

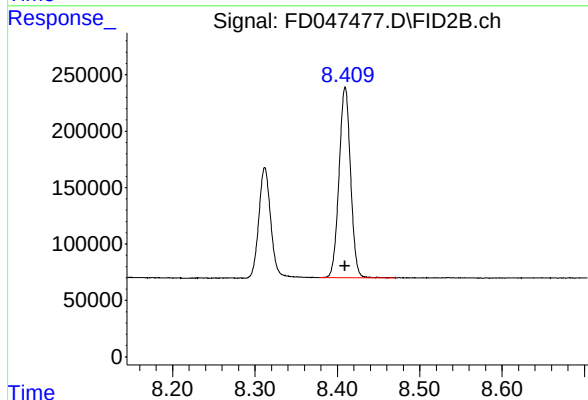
R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 1539027
Conc: 10.20 ug/ml

Instrument :
FID_D
ClientSampleId :



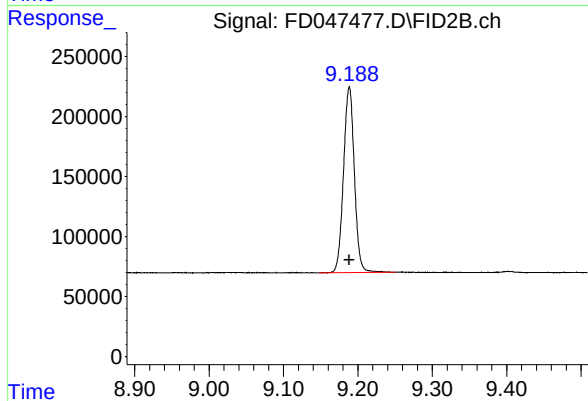
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 981969
Conc: 9.96 ug/ml



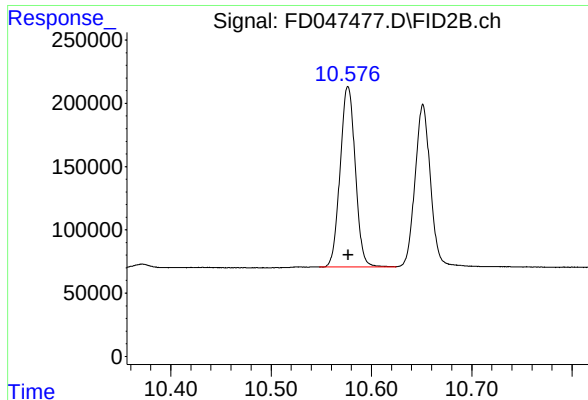
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.000 min
Response: 1635148
Conc: 10.22 ug/ml



#8 Flouorene (C16.55)

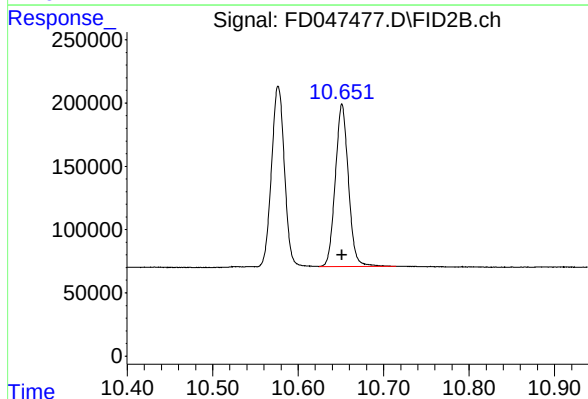
R.T.: 9.188 min
Delta R.T.: 0.000 min
Response: 1570027
Conc: 10.12 ug/ml



#9 Phenanthrene (C19.36)

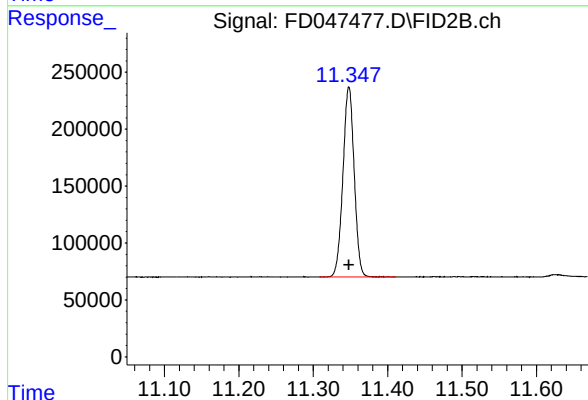
R.T.: 10.577 min
Delta R.T.: 0.000 min
Response: 1495467
Conc: 10.00 ug/ml

Instrument :
FID_D
ClientSampleId :



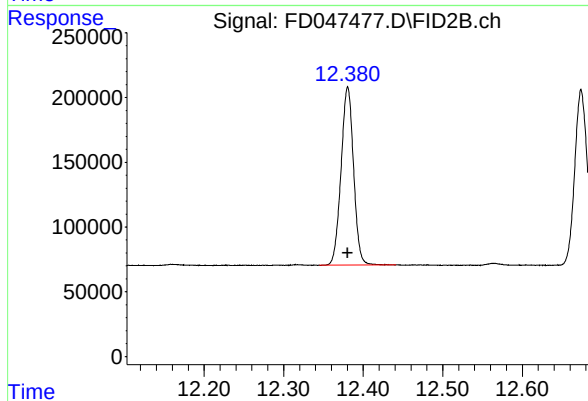
#10 Anthracene (C19.43)

R.T.: 10.651 min
Delta R.T.: 0.000 min
Response: 1365018
Conc: 9.96 ug/ml



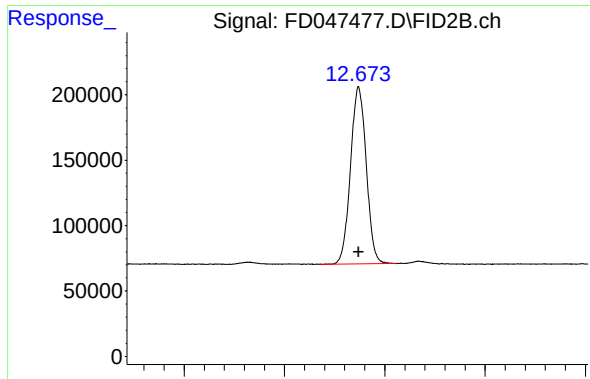
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 1756883
Conc: 10.29 ug/ml



#12 Fluoranthene (C21.85)

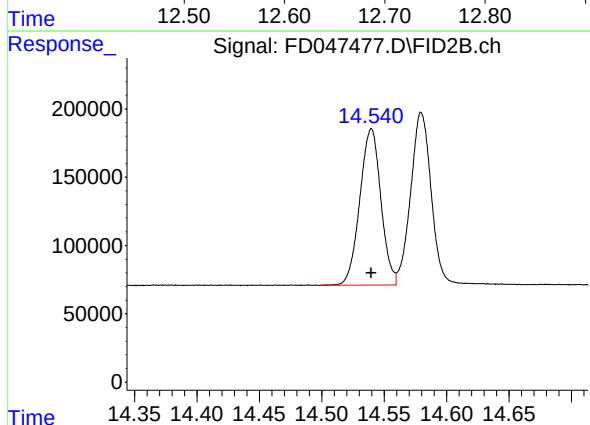
R.T.: 12.381 min
Delta R.T.: 0.000 min
Response: 1503685
Conc: 10.17 ug/ml



#13 Pyrene (C20.8)

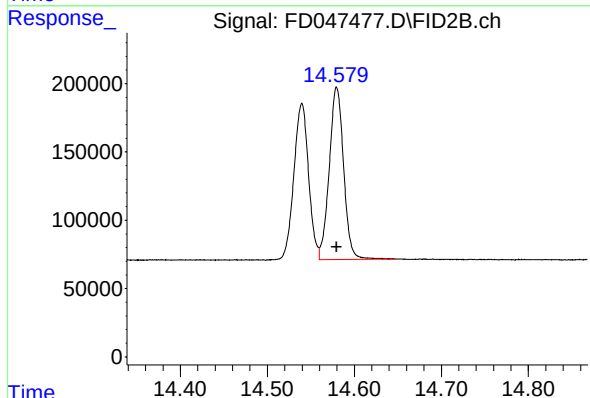
R.T.: 12.674 min
Delta R.T.: 0.000 min
Response: 1474871
Conc: 10.22 ug/ml

Instrument :
FID_D
ClientSampleId :



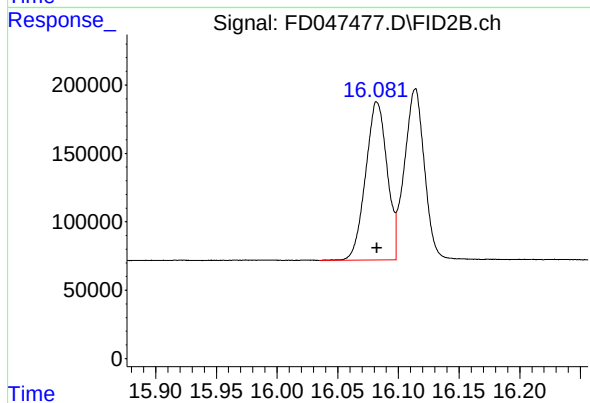
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min
Delta R.T.: 0.000 min
Response: 1341575
Conc: 10.13 ug/ml



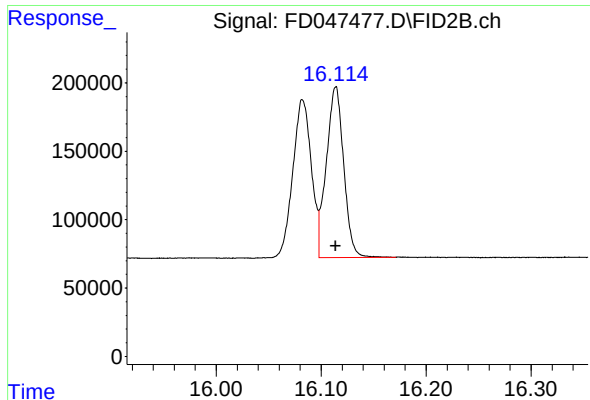
#15 Chrysene (C27.41)

R.T.: 14.580 min
Delta R.T.: 0.000 min
Response: 1447443
Conc: 10.31 ug/ml



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

R.T.: 16.082 min
Delta R.T.: 0.000 min
Response: 1423075
Conc: 10.19 ug/ml



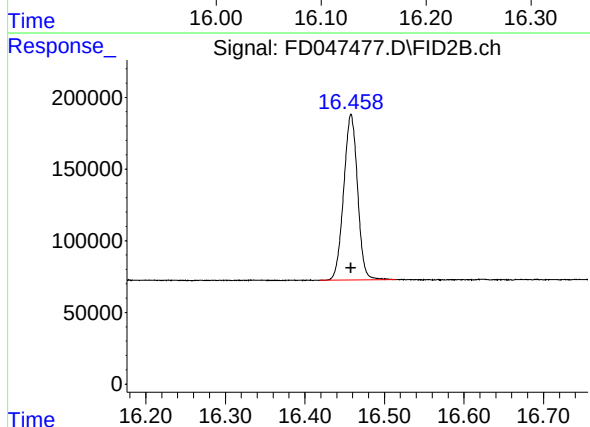
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.114 min
Delta R.T.: 0.000 min
Response: 1436858
Conc: 10.36 ug/ml

Instrument :

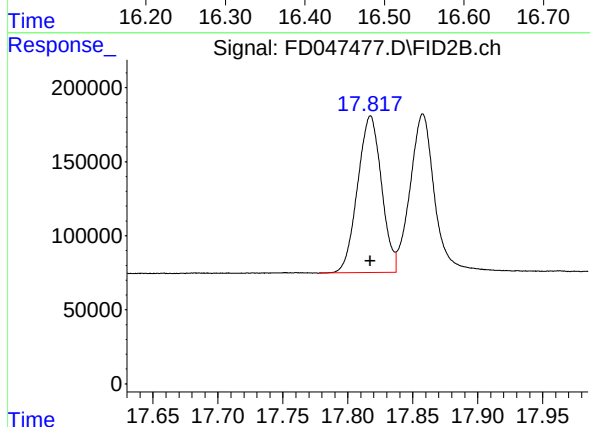
FID_D

ClientSampleId :



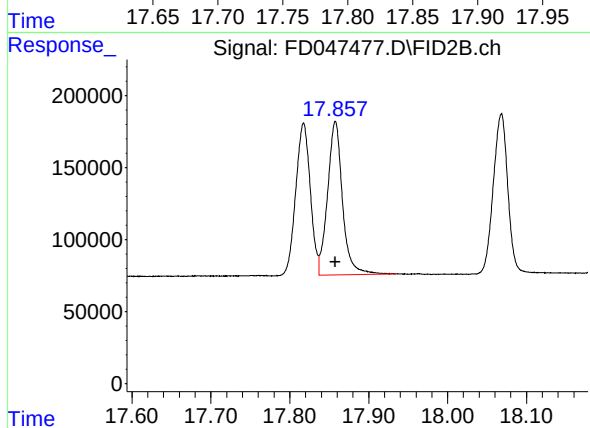
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: 0.000 min
Response: 1404081
Conc: 10.22 ug/ml



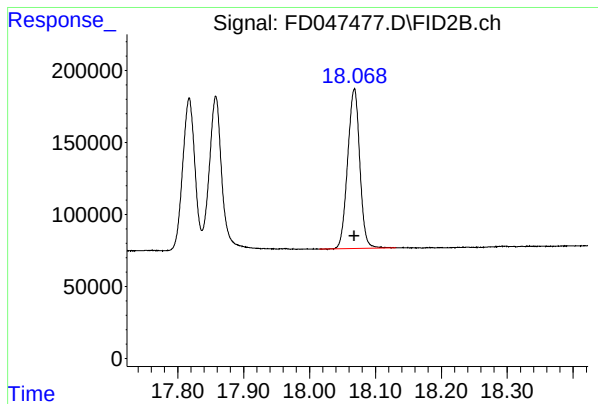
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min
Delta R.T.: 0.000 min
Response: 1352969
Conc: 9.91 ug/ml



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

R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 1401708
Conc: 10.46 ug/ml



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

R.T.: 18.068 min

Delta R.T.: 0.000 min

Response: 1419404

Conc: 10.23 ug/ml

Instrument :

FID_D

ClientSampleId :