

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
 Data File : FD045909.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 16:35
 Operator : YP/AJ
 Sample : 03298-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 21 01:10:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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

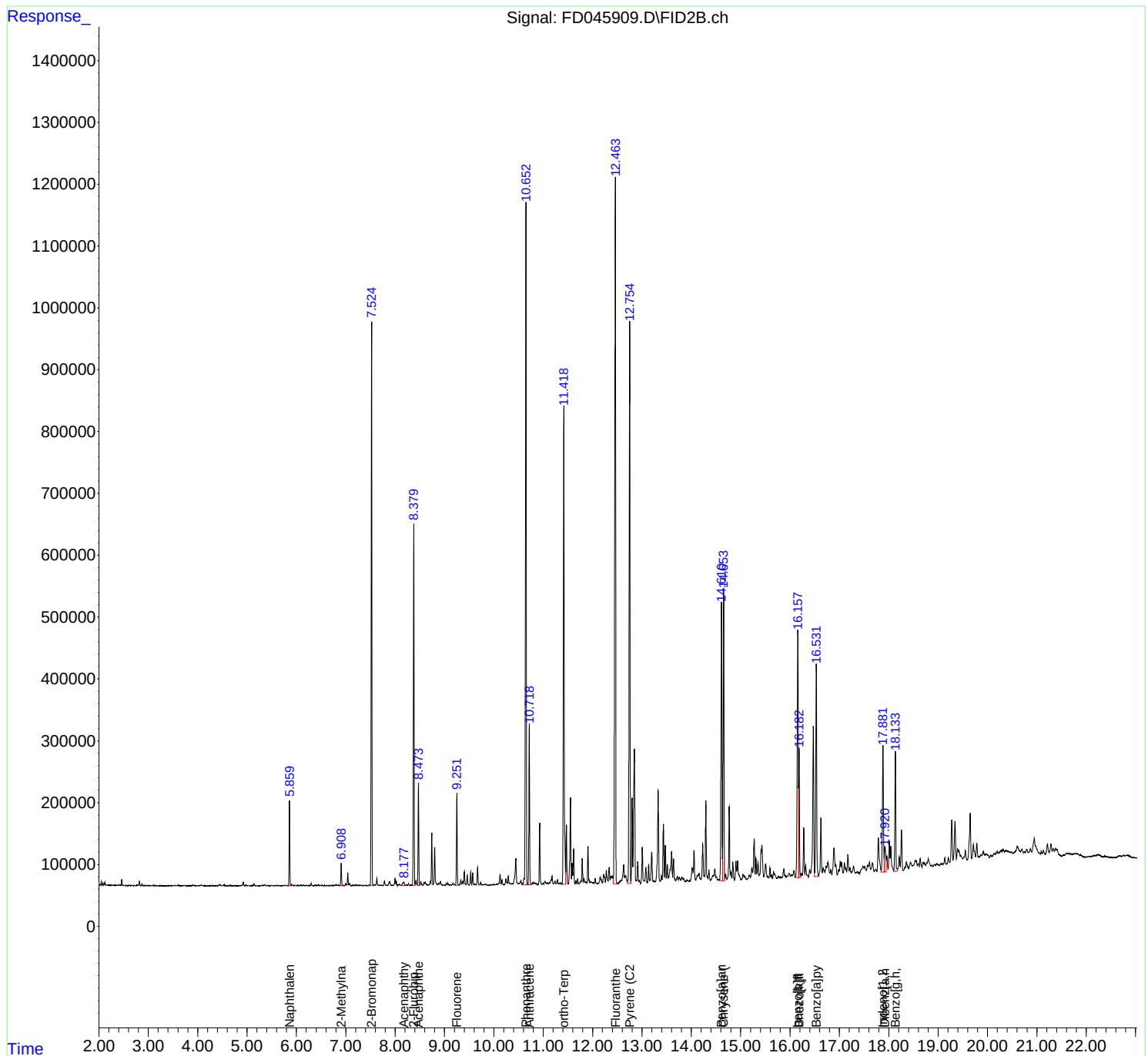
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.524	8978655	49.802 ug/ml
Spiked Amount 50.000		Recovery =	99.60%
6) S 2-Fluorobiphenyl (SURR)	8.379	5936487	49.377 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.75%
11) S ortho-Terphenyl (SURR)	11.419	9342499	41.826 ug/ml
Spiked Amount 50.000		Recovery =	83.65%
Target Compounds			
2) T Naphthalene (C11.7)	5.860	1246908	5.885 ug/ml
3) T 2-Methylnaphthalene (...)	6.908	367216	1.739 ug/ml
5) T Acenaphthylene (C15.06)	8.177	140698	0.743 ug/ml
7) T Acenaphthene (C15.5)	8.474	1618594	8.006 ug/ml
8) T Fluorene (C16.55)	9.252	1517337	7.658 ug/ml
9) T Phenanthrene (C19.36)	10.652	12882422	67.338 ug/ml
10) T Anthracene (C19.43)	10.719	2727009	16.008 ug/ml
12) T Fluoranthene (C21.85)	12.461	14772768	79.961 ug/ml
13) T Pyrene (C20.8)	12.753	11276391	63.138 ug/ml
14) T Benzo[a]anthracene (C...	14.610	5978109	38.182 ug/ml
15) T Chrysene (C27.41)	14.654	5506156	33.374 ug/ml
16) T benzo[b]fluoranthene ...	16.156	6257049	41.342 ug/ml
17) T Bnezo[k]fluoranthene ...	16.182	2143481	13.845 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.531	4596794	31.434 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.881	2964532	20.240 ug/ml
20) T Dibenz[a,h]anthracene...	17.921	816705	5.444 ug/ml
21) T Benzo[g,h,i]perylene ...	18.133	2479676	16.805 ug/ml

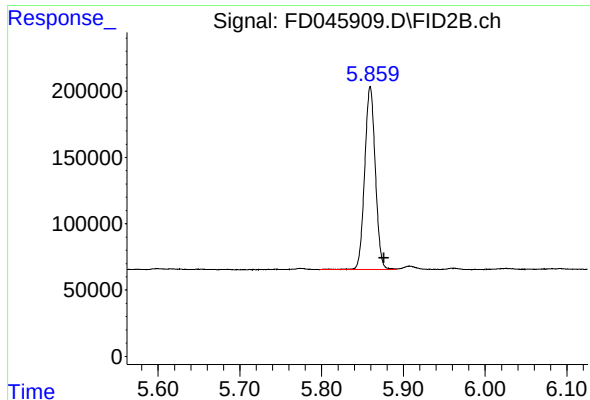
(f)=RT Delta > 1/2 Window

(m)=manual int.

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

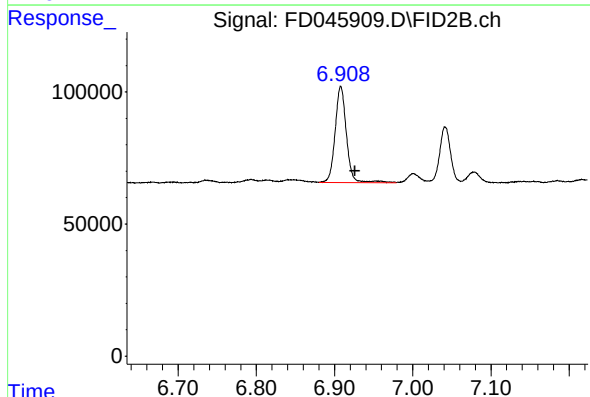




#2 Naphthalene (C11.7)

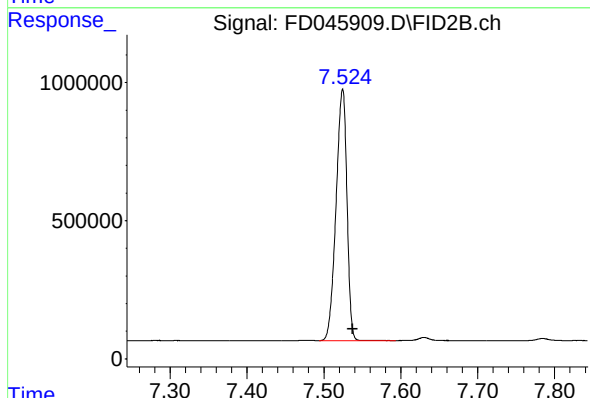
R.T.: 5.860 min
Delta R.T.: -0.017 min
Response: 1246908
Conc: 5.88 ug/ml

Instrument :
FID_D
ClientSampleId :



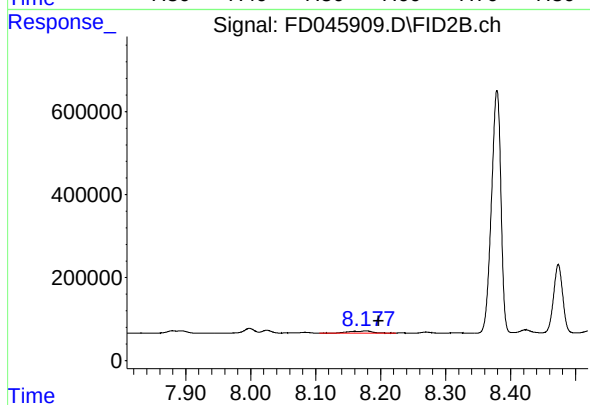
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: -0.018 min
Response: 367216
Conc: 1.74 ug/ml



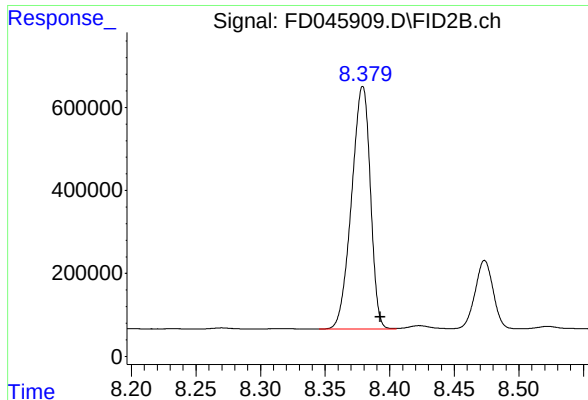
#4 2-Bromonaphthalene (SURR)

R.T.: 7.524 min
Delta R.T.: -0.013 min
Response: 8978655
Conc: 49.80 ug/ml



#5 Acenaphthylene (C15.06)

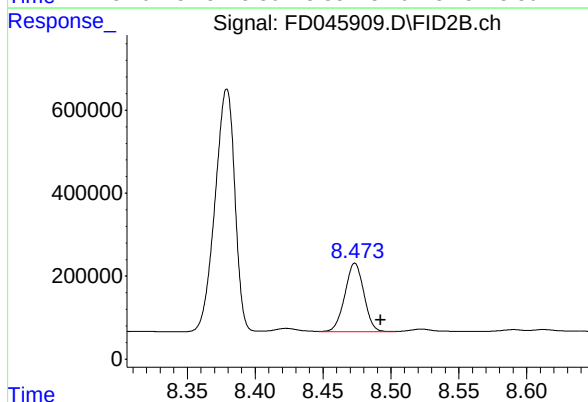
R.T.: 8.177 min
Delta R.T.: -0.020 min
Response: 140698
Conc: 0.74 ug/ml



#6 2-Fluorobiphenyl (SURR)

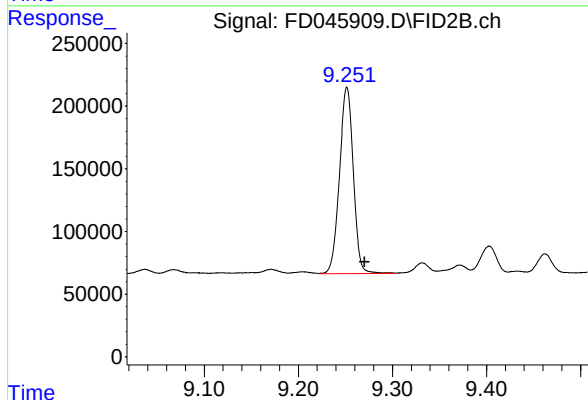
R.T.: 8.379 min
Delta R.T.: -0.014 min
Response: 5936487
Conc: 49.38 ug/ml

Instrument :
FID_D
ClientSampleId :



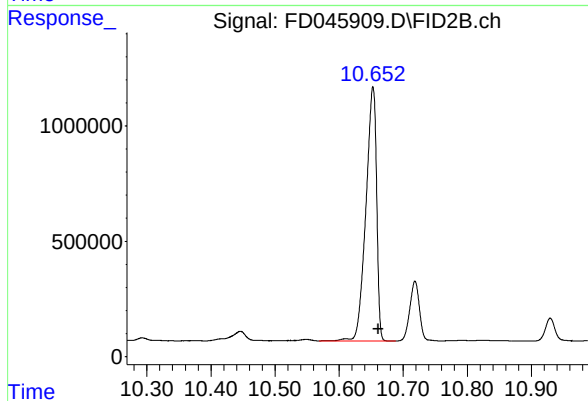
#7 Acenaphthene (C15.5)

R.T.: 8.474 min
Delta R.T.: -0.019 min
Response: 1618594
Conc: 8.01 ug/ml



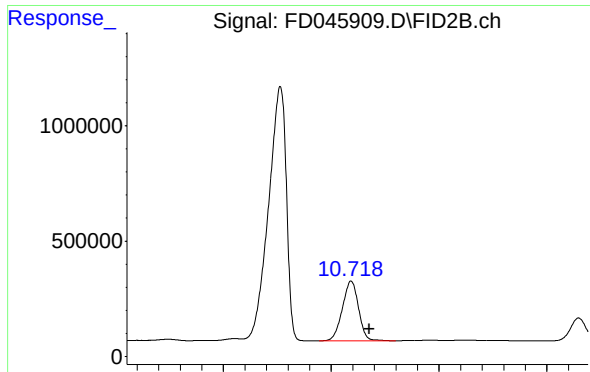
#8 Flouorene (C16.55)

R.T.: 9.252 min
Delta R.T.: -0.019 min
Response: 1517337
Conc: 7.66 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.652 min
Delta R.T.: -0.009 min
Response: 12882422
Conc: 67.34 ug/ml



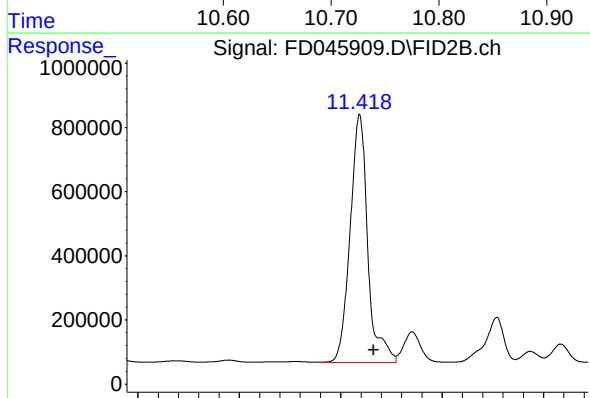
#10 Anthracene (C19.43)

R.T.: 10.719 min
Delta R.T.: -0.017 min
Response: 2727009
Conc: 16.01 ug/ml

Instrument :

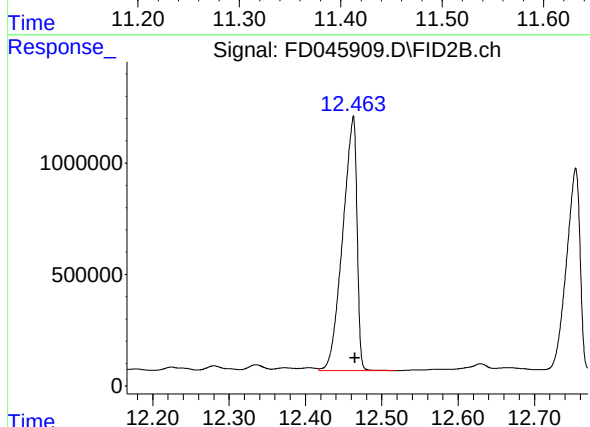
FID_D

ClientSampleId :



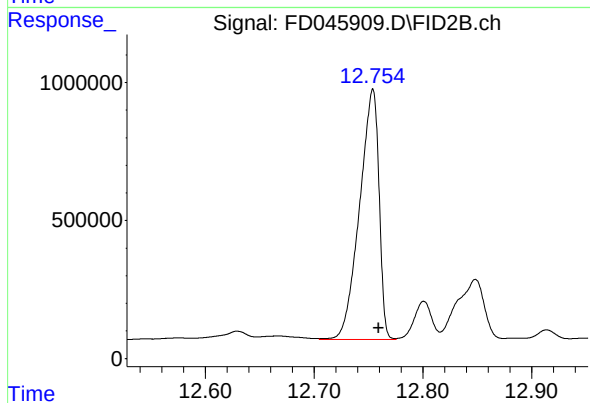
#11 ortho-Terphenyl (SURR)

R.T.: 11.419 min
Delta R.T.: -0.014 min
Response: 9342499
Conc: 41.83 ug/ml



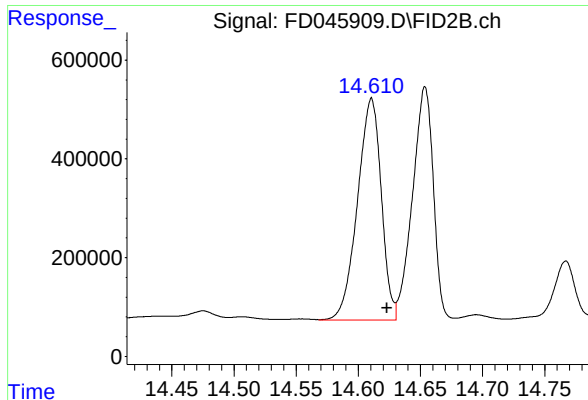
#12 Fluoranthene (C21.85)

R.T.: 12.461 min
Delta R.T.: -0.004 min
Response: 14772768
Conc: 79.96 ug/ml



#13 Pyrene (C20.8)

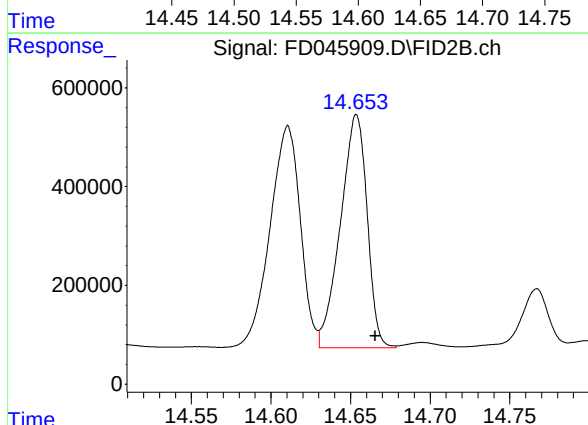
R.T.: 12.753 min
Delta R.T.: -0.006 min
Response: 11276391
Conc: 63.14 ug/ml



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

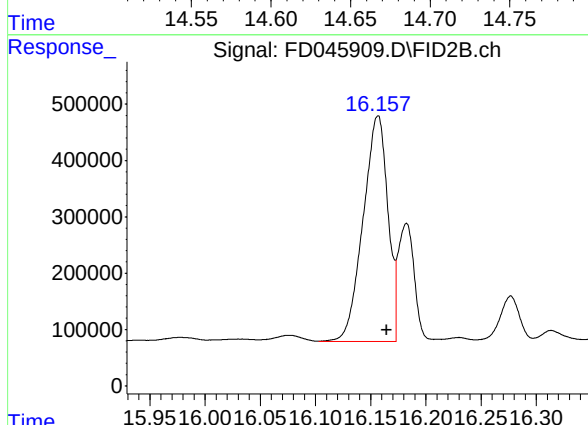
R.T.: 14.610 min
Delta R.T.: -0.013 min
Response: 5978109
Conc: 38.18 ug/ml

Instrument :
FID_D
ClientSampleId :



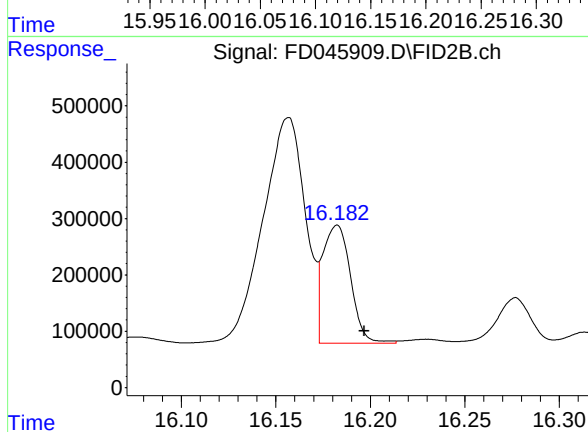
#15 Chrysene (C27.41)

R.T.: 14.654 min
Delta R.T.: -0.012 min
Response: 5506156
Conc: 33.37 ug/ml



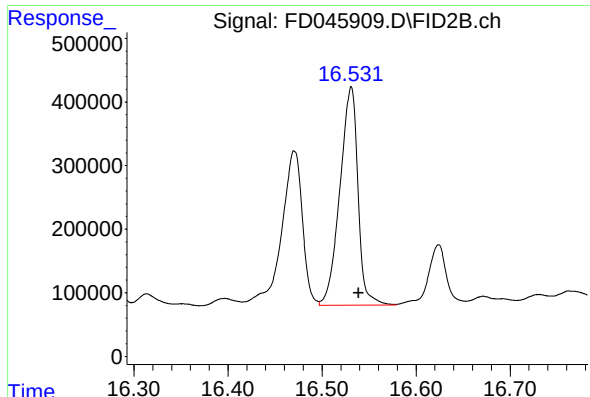
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.156 min
Delta R.T.: -0.008 min
Response: 6257049
Conc: 41.34 ug/ml



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

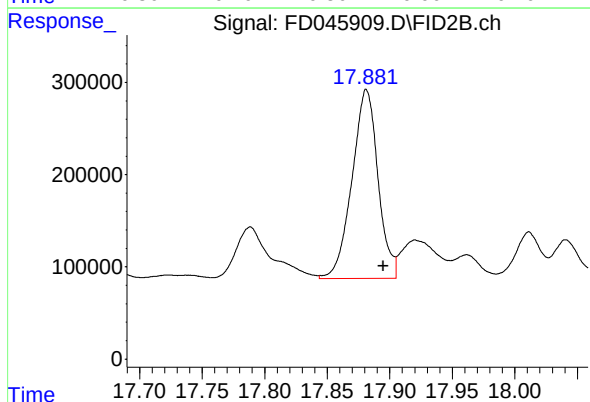
R.T.: 16.182 min
Delta R.T.: -0.015 min
Response: 2143481
Conc: 13.85 ug/ml



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

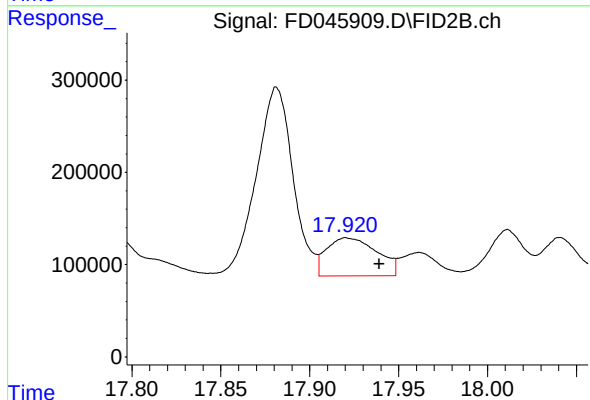
R.T.: 16.531 min
Delta R.T.: -0.009 min
Response: 4596794
Conc: 31.43 ug/ml

Instrument :
FID_D
ClientSampleId :



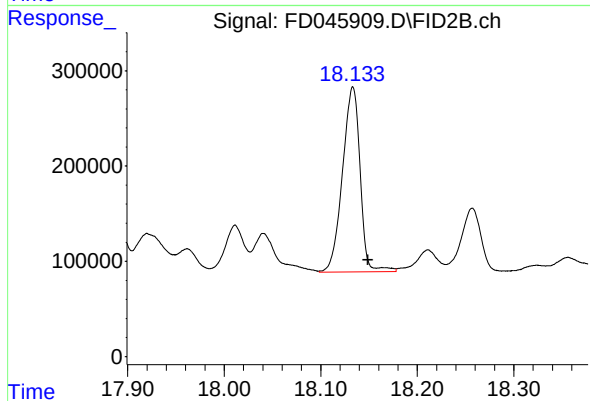
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.881 min
Delta R.T.: -0.014 min
Response: 2964532
Conc: 20.24 ug/ml



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

R.T.: 17.921 min
Delta R.T.: -0.018 min
Response: 816705
Conc: 5.44 ug/ml



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

R.T.: 18.133 min
Delta R.T.: -0.016 min
Response: 2479676
Conc: 16.81 ug/ml