

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045942.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2023 01:35
 Operator : YP/AJ
 Sample : 03331-28
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 24 02:07:38 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...	7.523	9051448	50.206 ug/ml
Spiked Amount 50.000		Recovery =	100.41%
6) S 2-Fluorobiphenyl (SURR)	8.377	5428195	45.149 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.30%
11) S ortho-Terphenyl (SURR)	11.417	8764570	39.238 ug/ml
Spiked Amount 50.000		Recovery =	78.48%
Target Compounds			
2) T Naphthalene (C11.7)	5.860	123714	0.584 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	86526	0.410 ug/ml
5) T Acenaphthylene (C15.06)	8.178	150736	0.796 ug/ml
7) T Acenaphthene (C15.5)	8.472	194564	0.962 ug/ml
8) T Fluorene (C16.55)	9.250	225846	1.140 ug/ml
9) T Phenanthrene (C19.36)	10.642	2537869	13.266 ug/ml
10) T Anthracene (C19.43)	10.714	611858	3.592 ug/ml
12) T Fluoranthene (C21.85)	12.449	4721208	25.555 ug/ml
13) T Pyrene (C20.8)	12.743	3798991	21.271 ug/ml
14) T Benzo[a]anthracene (C...	14.604	2266399	14.475 ug/ml
15) T Chrysene (C27.41)	14.646	2206844	13.376 ug/ml
16) T benzo[b]fluoranthene ...	16.176	954678	6.308 ug/ml
17) T Bnezo[k]fluoranthene ...	16.176	954678	6.166 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.523	2027632	13.865 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.879	1491983	10.187 ug/ml
20) T Dibenz[a,h]anthracene...	17.922	381626	2.544 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	23756	0.161 ug/ml

(f)=RT Delta > 1/2 Window

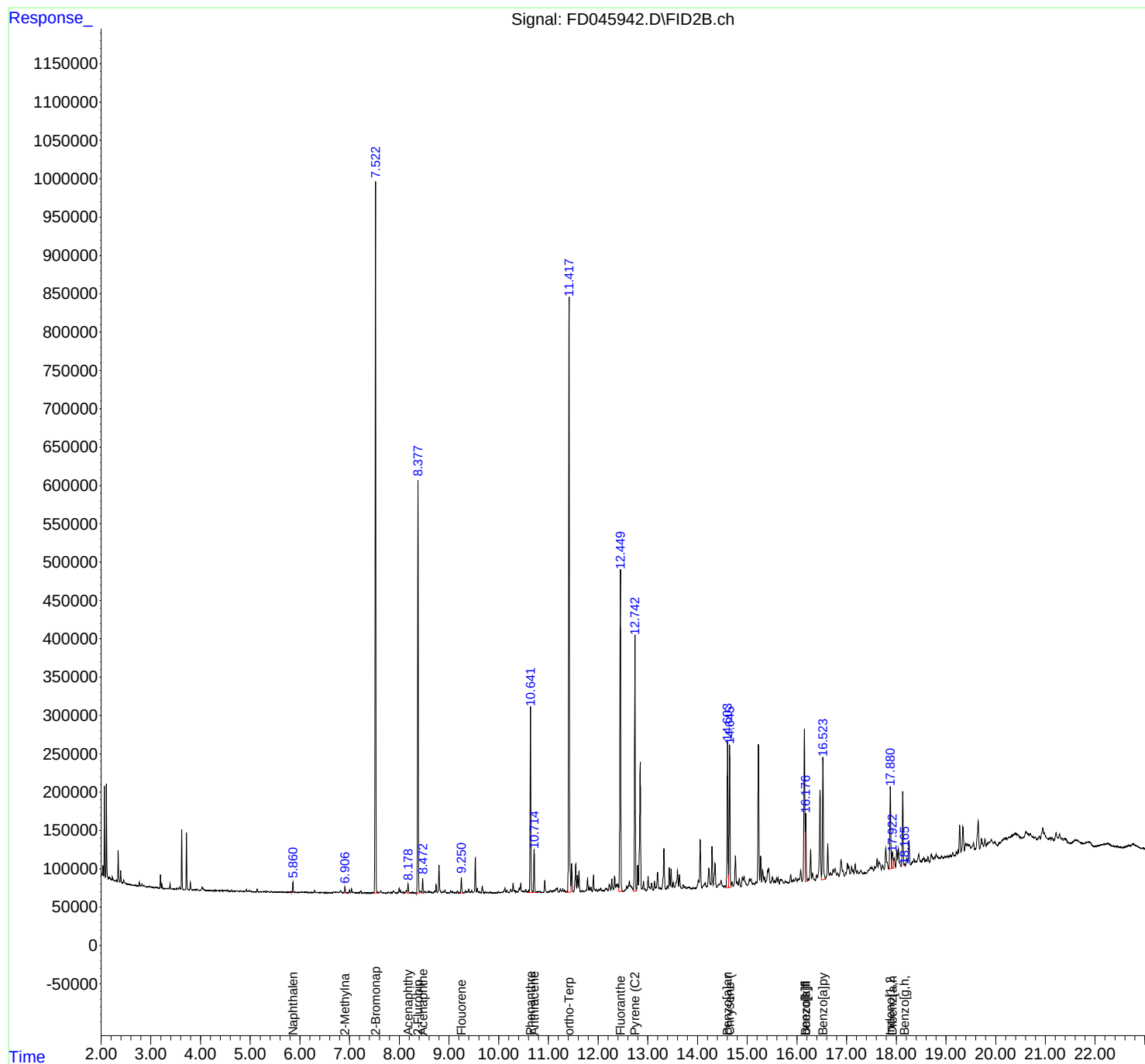
(m)=manual int.

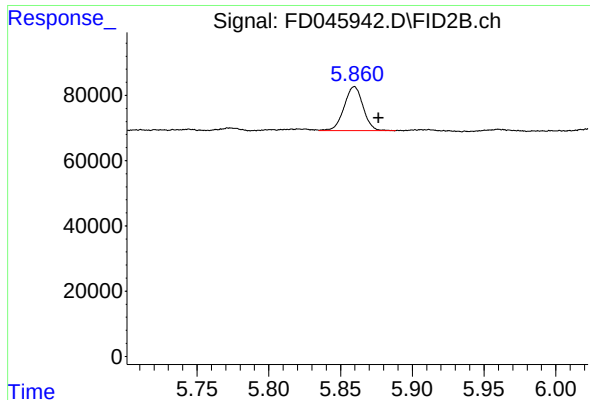
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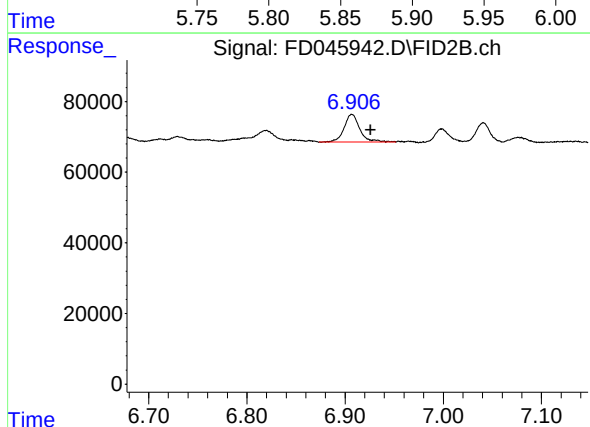




#2 Naphthalene (C11.7)

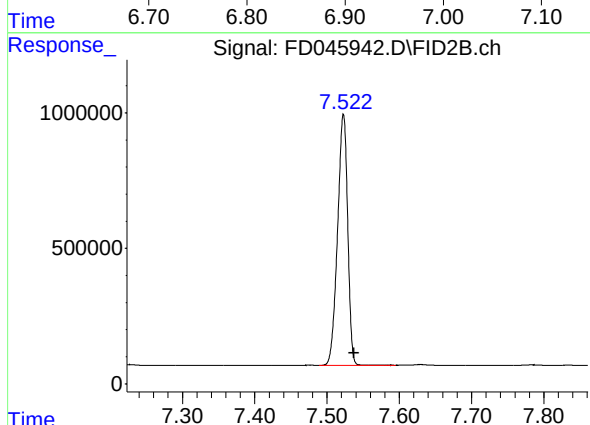
R.T.: 5.860 min
Delta R.T.: -0.017 min
Response: 123714
Conc: 0.58 ug/ml

Instrument :
FID_D
ClientSampleId :



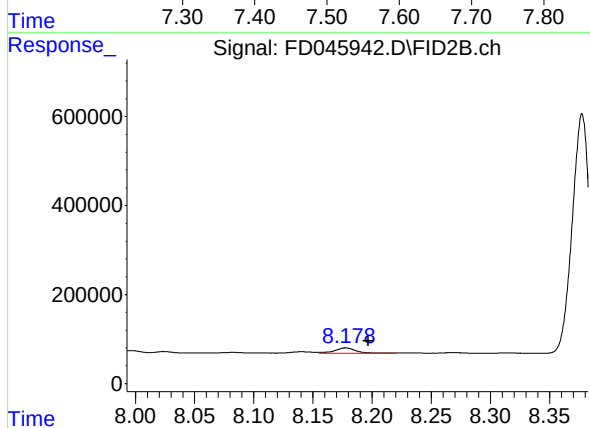
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: -0.019 min
Response: 86526
Conc: 0.41 ug/ml



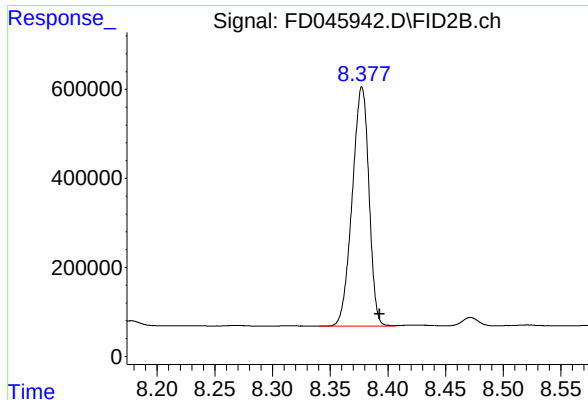
#4 2-Bromonaphthalene (SURR)

R.T.: 7.523 min
Delta R.T.: -0.015 min
Response: 9051448
Conc: 50.21 ug/ml



#5 Acenaphthylene (C15.06)

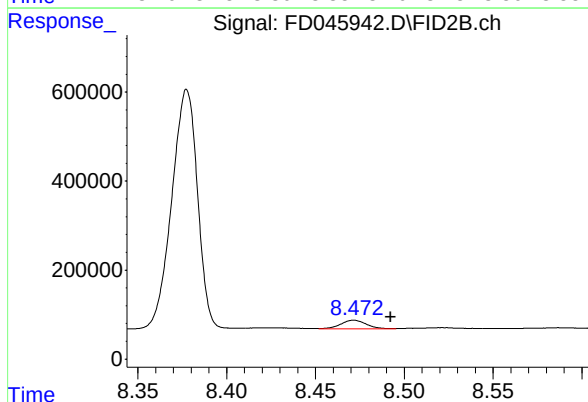
R.T.: 8.178 min
Delta R.T.: -0.019 min
Response: 150736
Conc: 0.80 ug/ml



#6 2-Fluorobiphenyl (SURR)

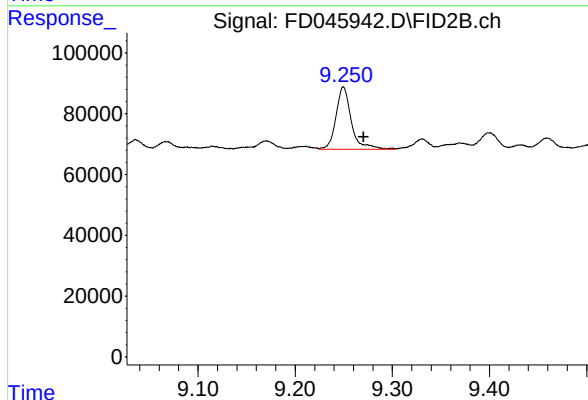
R.T.: 8.377 min
Delta R.T.: -0.015 min
Response: 5428195
Conc: 45.15 ug/ml

Instrument :
FID_D
ClientSampleId :



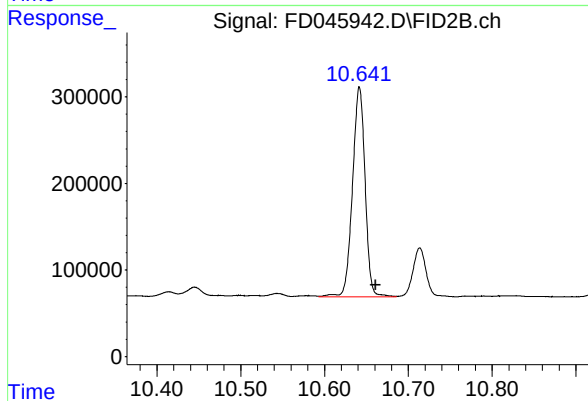
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: -0.021 min
Response: 194564
Conc: 0.96 ug/ml



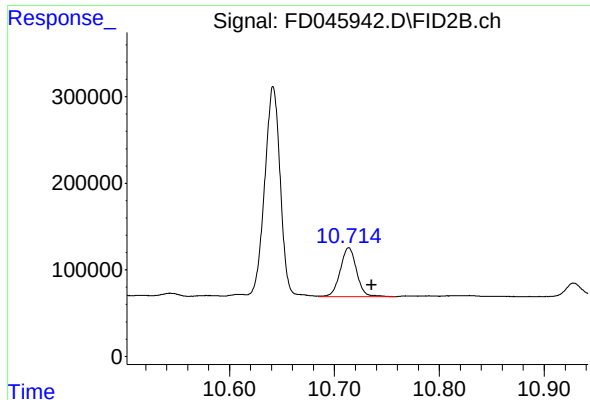
#8 Flouorene (C16.55)

R.T.: 9.250 min
Delta R.T.: -0.021 min
Response: 225846
Conc: 1.14 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.642 min
Delta R.T.: -0.019 min
Response: 2537869
Conc: 13.27 ug/ml



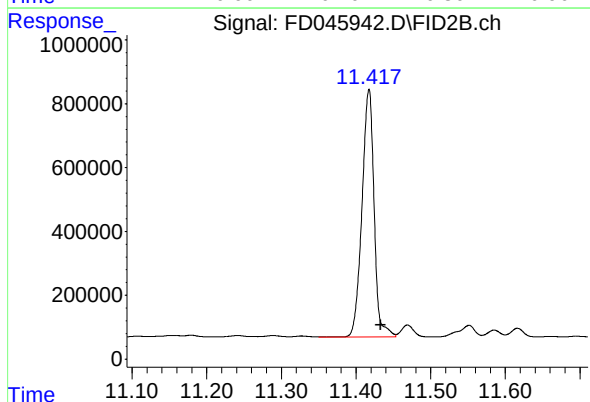
#10 Anthracene (C19.43)

R.T.: 10.714 min
Delta R.T.: -0.022 min
Response: 611858
Conc: 3.59 ug/ml

Instrument :

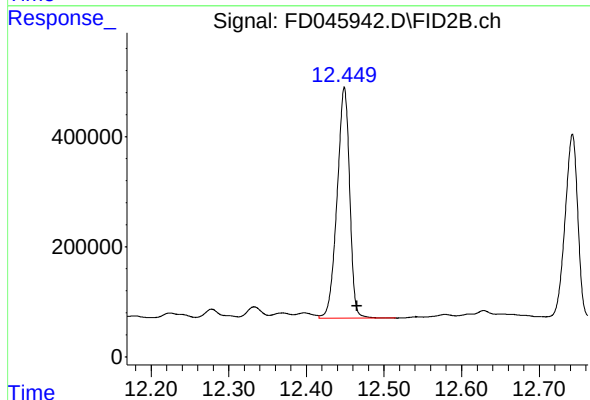
FID_D

ClientSampleId :



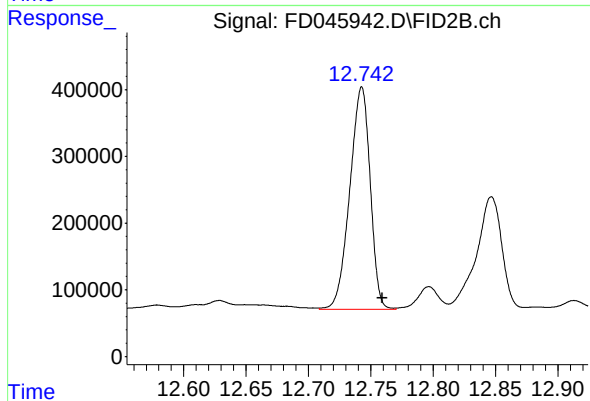
#11 ortho-Terphenyl (SURR)

R.T.: 11.417 min
Delta R.T.: -0.016 min
Response: 8764570
Conc: 39.24 ug/ml



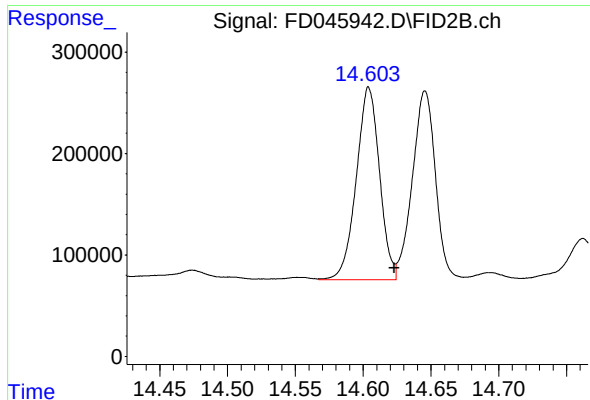
#12 Fluoranthene (C21.85)

R.T.: 12.449 min
Delta R.T.: -0.016 min
Response: 4721208
Conc: 25.55 ug/ml



#13 Pyrene (C20.8)

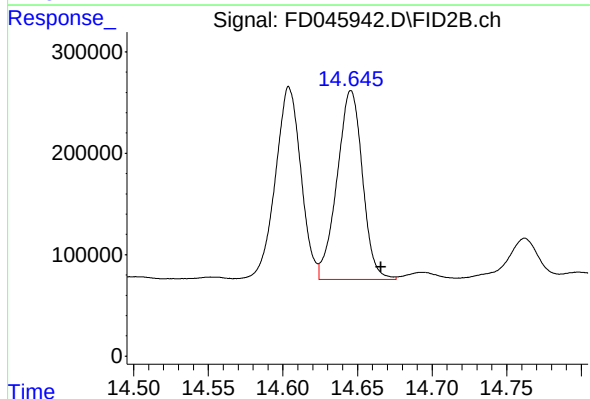
R.T.: 12.743 min
Delta R.T.: -0.017 min
Response: 3798991
Conc: 21.27 ug/ml



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

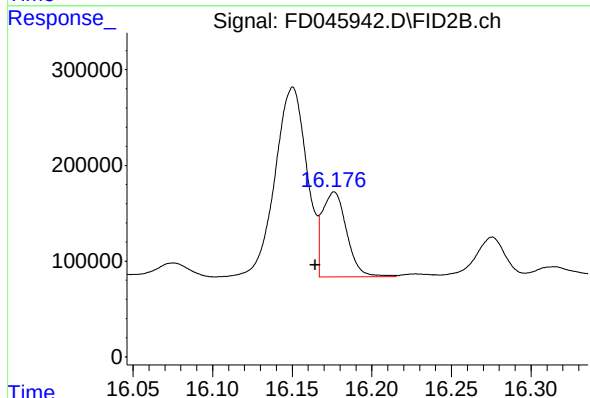
R.T.: 14.604 min
Delta R.T.: -0.019 min
Response: 2266399
Conc: 14.48 ug/ml

Instrument :
FID_D
ClientSampleId :



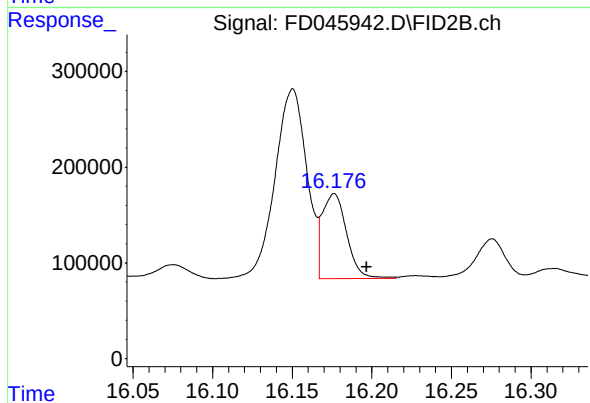
#15 Chrysene (C27.41)

R.T.: 14.646 min
Delta R.T.: -0.020 min
Response: 2206844
Conc: 13.38 ug/ml



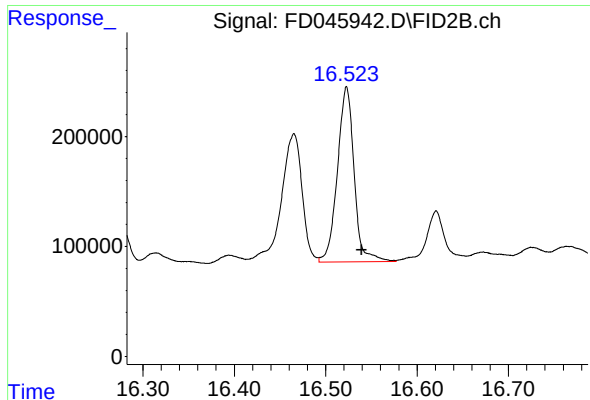
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.176 min
Delta R.T.: 0.012 min
Response: 954678
Conc: 6.31 ug/ml



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

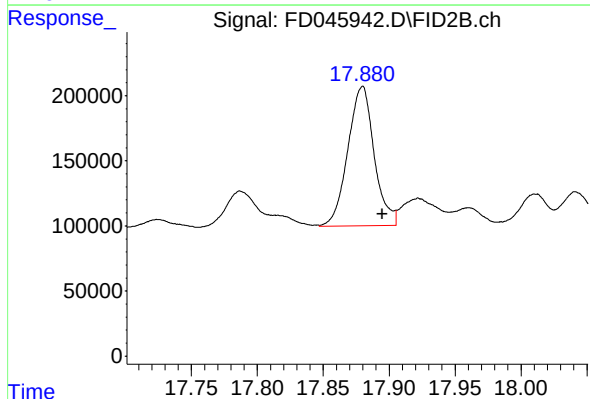
R.T.: 16.176 min
Delta R.T.: -0.021 min
Response: 954678
Conc: 6.17 ug/ml



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

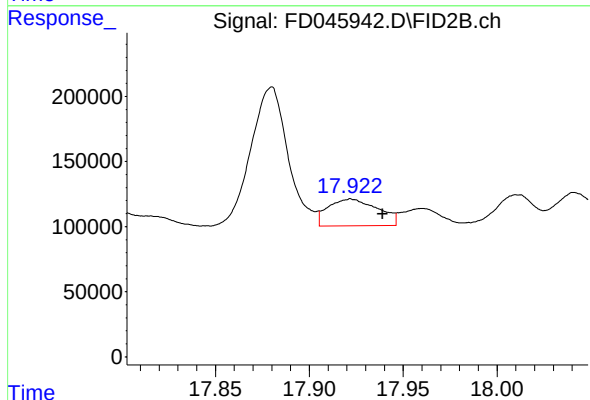
R.T.: 16.523 min
Delta R.T.: -0.016 min
Response: 2027632
Conc: 13.87 ug/ml

Instrument :
FID_D
ClientSampleId :



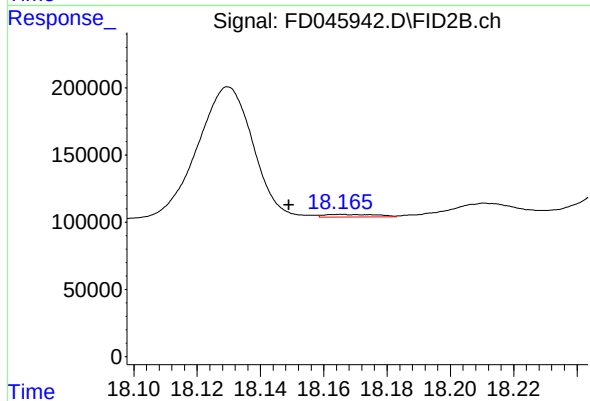
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.879 min
Delta R.T.: -0.016 min
Response: 1491983
Conc: 10.19 ug/ml



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

R.T.: 17.922 min
Delta R.T.: -0.017 min
Response: 381626
Conc: 2.54 ug/ml



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

R.T.: 18.166 min
Delta R.T.: 0.017 min
Response: 23756
Conc: 0.16 ug/ml