

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080825AR\
 Data File : FD049596.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2025 13:06
 Operator : YP/AJ
 Sample : Q2759-04
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 11 04:46:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 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...	7.719	6000278	45.862 ug/ml
Spiked Amount 50.000		Recovery =	91.72%
6) S 2-Fluorobiphenyl (SURR)	8.585	4028505	43.475 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.95%
11) S ortho-Terphenyl (SURR)	11.649	11326421	69.077 ug/ml
Spiked Amount 50.000		Recovery =	138.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	60113	0.465 ug/ml
2) T Naphthalene (C11.7)	6.080	617917	4.222 ug/ml
3) T 2-Methylnaphthalene (...)	7.107	5643444	37.162 ug/ml
5) T Acenaphthylene (C15.06)	8.378	1489968	9.387 ug/ml
7) T Acenaphthene (C15.5)	8.669	1826369	11.535 ug/ml
8) T Flouorene (C16.55)	9.476	3684875	23.067 ug/ml
9) T Phenanthrene (C19.36)	10.883	9031155	55.134 ug/ml
10) T Anthracene (C19.43)	10.956	7903190	49.614 ug/ml
12) T Fluoranthene (C21.85)	12.697	2685	0.017 ug/ml
13) T Pyrene (C20.8)	12.987	4719680	29.082 ug/ml
14) T Benzo[a]anthracene (C...	14.861	1288030	8.795 ug/ml
15) T Chrysene (C27.41)	14.898	601510	4.042 ug/ml
16) T benzo[b]fluoranthene ...	16.390	2350576	16.590 ug/ml
17) T Bnezo[k]fluoranthene ...	16.390	2350576	17.583 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.785	4679127	33.985 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.165	4839921	38.643 ug/ml
20) T Dibenz[a,h]anthracene...	18.202	783054	5.944 ug/ml

(f)=RT Delta > 1/2 Window

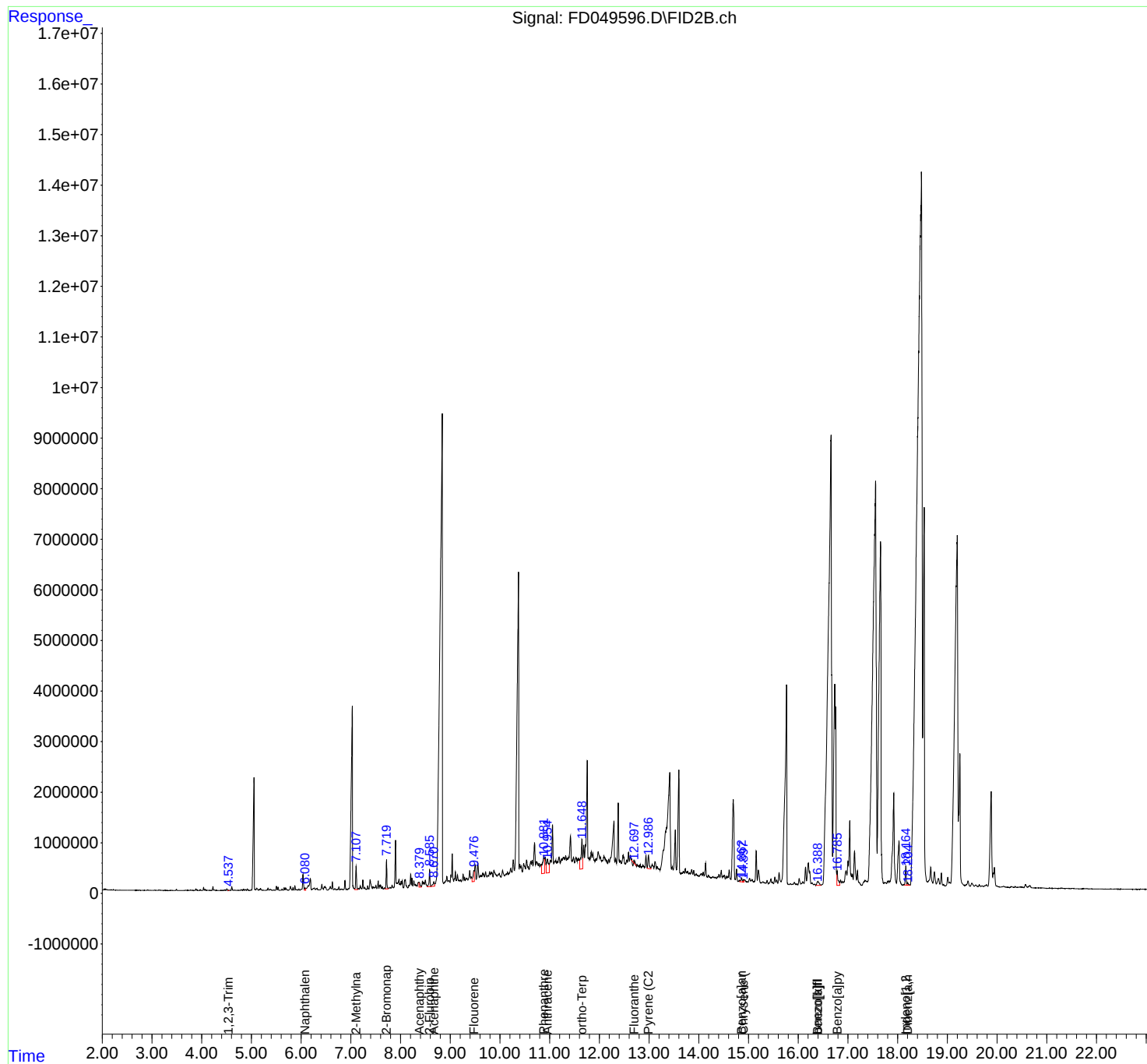
(m)=manual int.

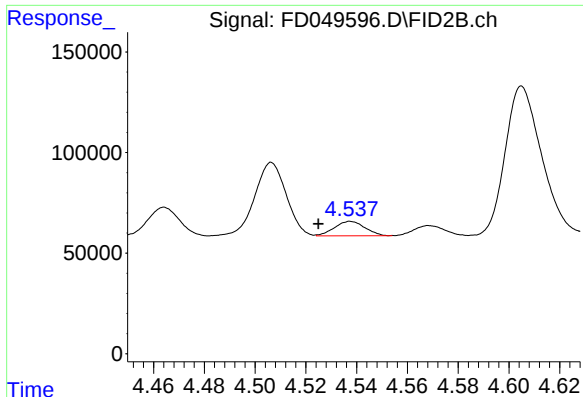
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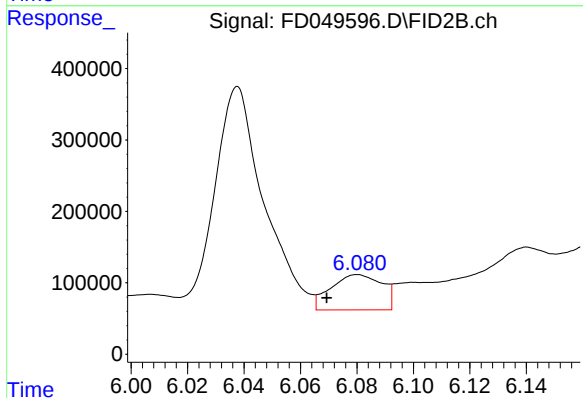




#1 1,2,3-Trimethylbenzene (C10.1)

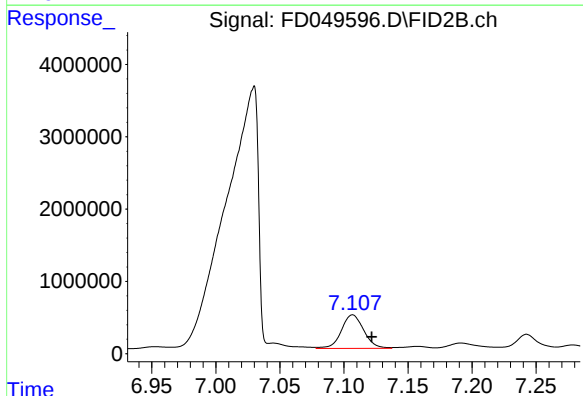
R.T.: 4.538 min
Delta R.T.: 0.013 min
Response: 60113
Conc: 0.47 ug/ml

Instrument :
FID_D
ClientSampleId :



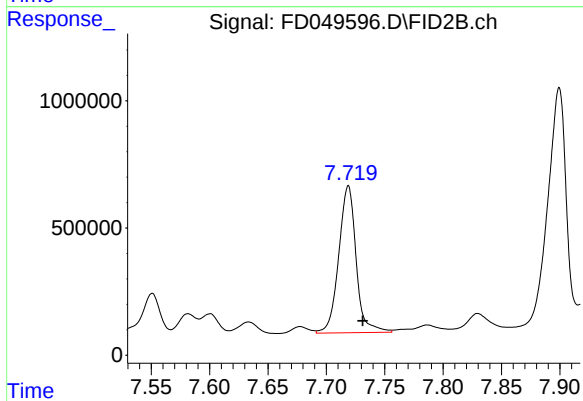
#2 Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: 0.011 min
Response: 617917
Conc: 4.22 ug/ml



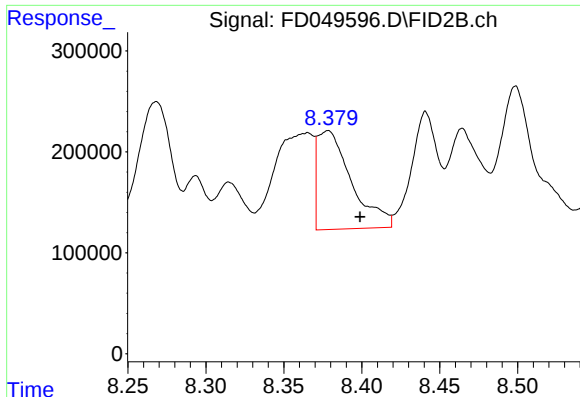
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.107 min
Delta R.T.: -0.015 min
Response: 5643444
Conc: 37.16 ug/ml



#4 2-Bromonaphthalene (SURR)

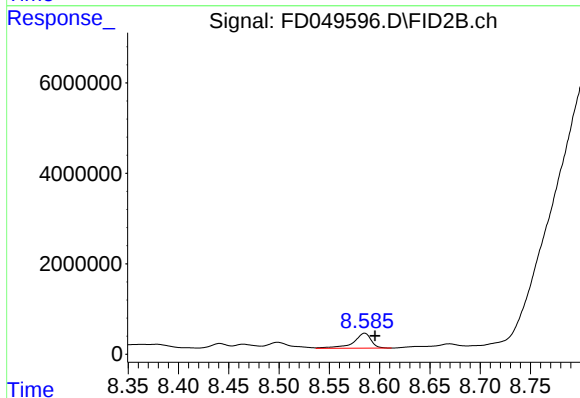
R.T.: 7.719 min
Delta R.T.: -0.012 min
Response: 6000278
Conc: 45.86 ug/ml



#5 Acenaphthylene (C15.06)

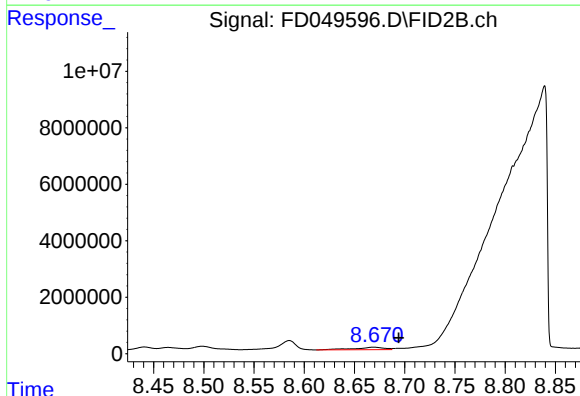
R.T.: 8.378 min
Delta R.T.: -0.021 min
Response: 1489968
Conc: 9.39 ug/ml

Instrument :
FID_D
ClientSampleId :



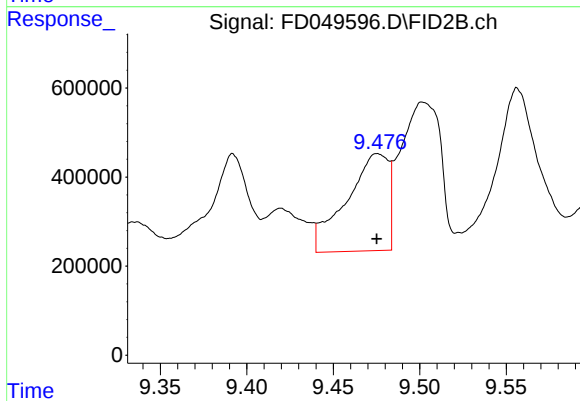
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.585 min
Delta R.T.: -0.011 min
Response: 4028505
Conc: 43.47 ug/ml



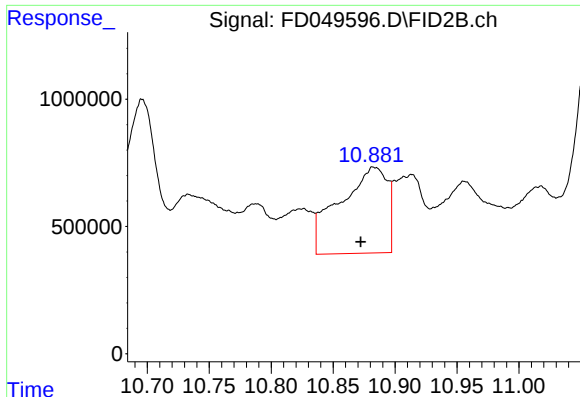
#7 Acenaphthene (C15.5)

R.T.: 8.669 min
Delta R.T.: -0.025 min
Response: 1826369
Conc: 11.54 ug/ml



#8 Fluorene (C16.55)

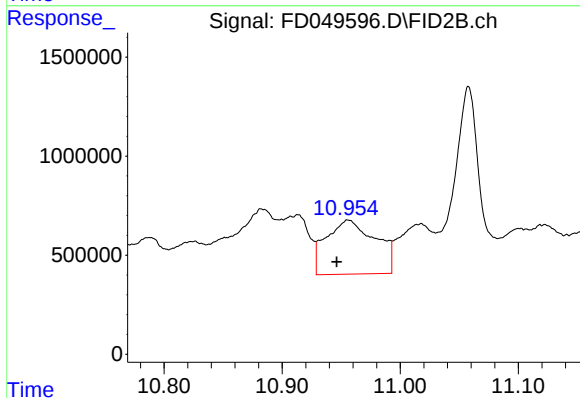
R.T.: 9.476 min
Delta R.T.: 0.000 min
Response: 3684875
Conc: 23.07 ug/ml



#9 Phenanthrene (C19.36)

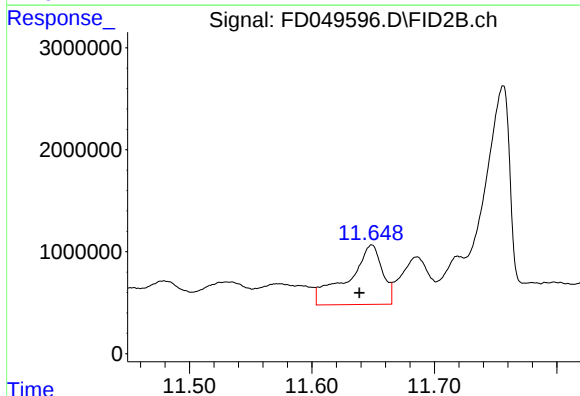
R.T.: 10.883 min
Delta R.T.: 0.011 min
Response: 9031155
Conc: 55.13 ug/ml

Instrument :
FID_D
ClientSampleId :



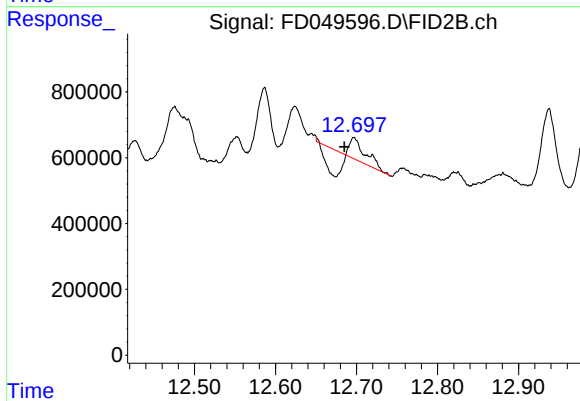
#10 Anthracene (C19.43)

R.T.: 10.956 min
Delta R.T.: 0.010 min
Response: 7903190
Conc: 49.61 ug/ml



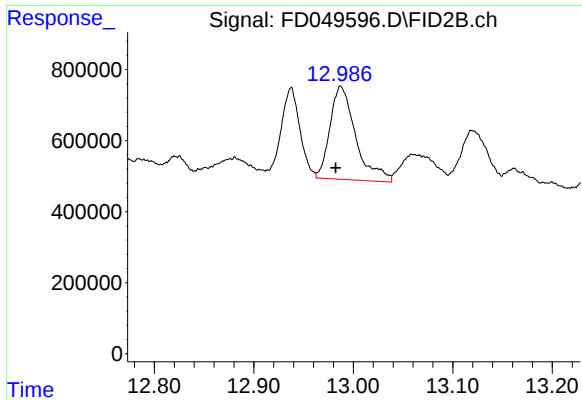
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.010 min
Response: 11326421
Conc: 69.08 ug/ml



#12 Fluoranthene (C21.85)

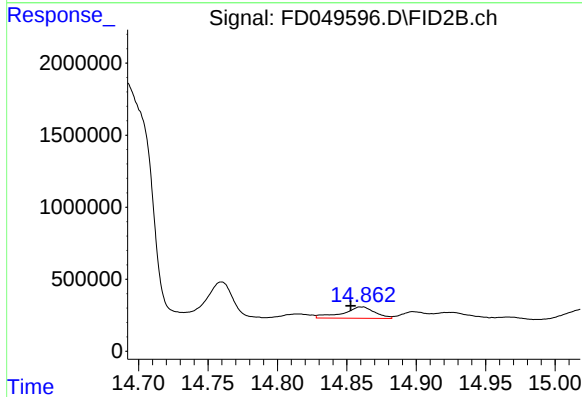
R.T.: 12.697 min
Delta R.T.: 0.012 min
Response: 2685
Conc: 0.02 ug/ml



#13 Pyrene (C20.8)

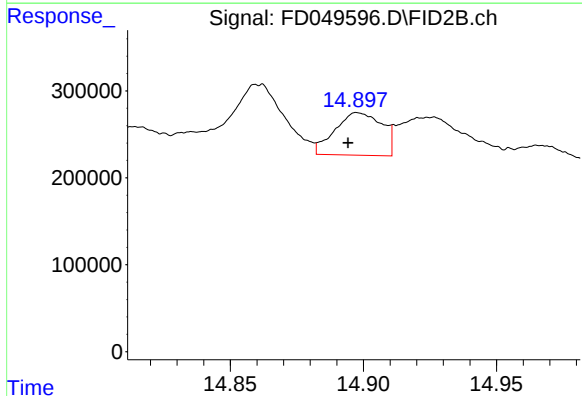
R.T.: 12.987 min
Delta R.T.: 0.005 min
Response: 4719680
Conc: 29.08 ug/ml

Instrument :
FID_D
ClientSampleId :



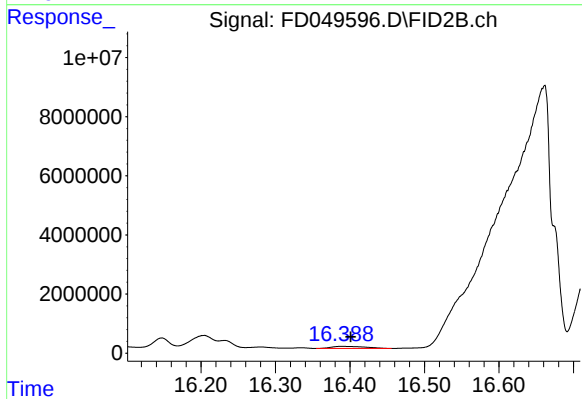
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.861 min
Delta R.T.: 0.008 min
Response: 1288030
Conc: 8.80 ug/ml



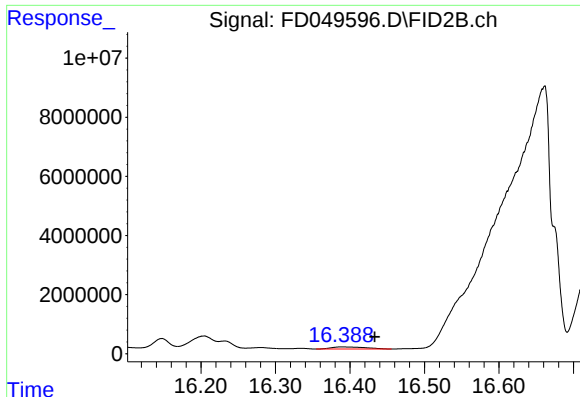
#15 Chrysene (C27.41)

R.T.: 14.898 min
Delta R.T.: 0.004 min
Response: 601510
Conc: 4.04 ug/ml



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

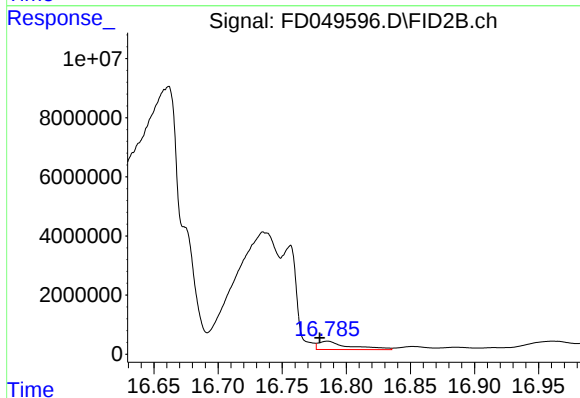
R.T.: 16.390 min
Delta R.T.: -0.011 min
Response: 2350576
Conc: 16.59 ug/ml



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

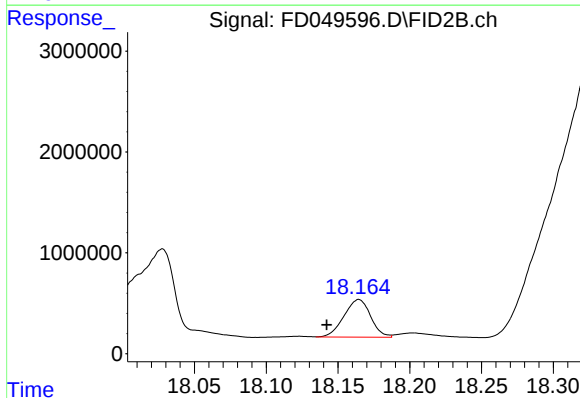
R.T.: 16.390 min
Delta R.T.: -0.043 min
Response: 2350576
Conc: 17.58 ug/ml

Instrument :
FID_D
ClientSampleId :



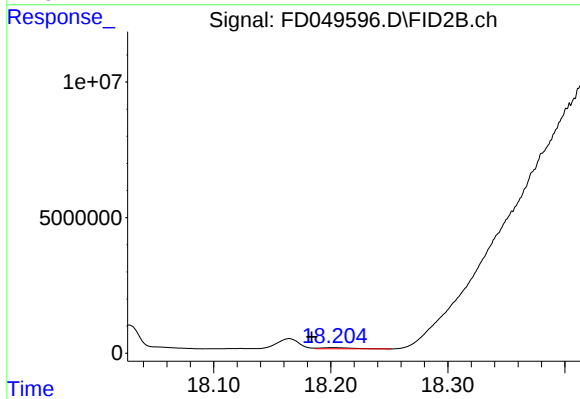
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.785 min
Delta R.T.: 0.006 min
Response: 4679127
Conc: 33.99 ug/ml



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

R.T.: 18.165 min
Delta R.T.: 0.022 min
Response: 4839921
Conc: 38.64 ug/ml



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

R.T.: 18.202 min
Delta R.T.: 0.019 min
Response: 783054
Conc: 5.94 ug/ml