

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070622AR\
 Data File : FD043179.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 17:02
 Operator : YP/AJ
 Sample : N3564-29MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 07 01:55:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.633	7508373	48.626 ug/ml
Spiked Amount 50.000		Recovery =	97.25%
6) S 2-Fluorobiphenyl (SURR)	8.500	4779844	45.318 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.64%
11) S ortho-Terphenyl (SURR)	11.551	6365616	35.024 ug/ml
Spiked Amount 50.000		Recovery =	70.05%
Target Compounds			
2) T Naphthalene (C11.7)	5.966	5525733	31.563 ug/ml
3) T 2-Methylnaphthalene (...)	7.022	6634230	41.246 ug/ml
5) T Acenaphthylene (C15.06)	8.302	8356943	47.016 ug/ml
7) T Acenaphthene (C15.5)	8.599	6938531	39.623 ug/ml
8) T Flouorene (C16.55)	9.383	8198960	47.300 ug/ml
9) T Phenanthrene (C19.36)	10.787	11534469	67.252 ug/ml
10) T Anthracene (C19.43)	10.861	7958784	46.846 ug/ml
12) T Fluoranthene (C21.85)	12.614	8484431	50.588 ug/ml
13) T Pyrene (C20.8)	12.912	6427824	39.442 ug/ml
14) T Benzo[a]anthracene (C...	14.794	22815839	146.916 ug/ml
15) T Chrysene (C27.41)	14.794	22815839	144.559 ug/ml
16) T benzo[b]fluoranthene ...	16.353	13905739	91.223 ug/ml
17) T Bnezo[k]fluoranthene ...	16.353	13905739	95.010 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.731	9645768	67.437 ug/ml
20) T Dibenz[a,h]anthracene...	18.092	4671500	34.748 ug/ml
21) T Benzo[g,h,i]perylene ...	18.355	7029307	53.893 ug/ml

(f)=RT Delta > 1/2 Window

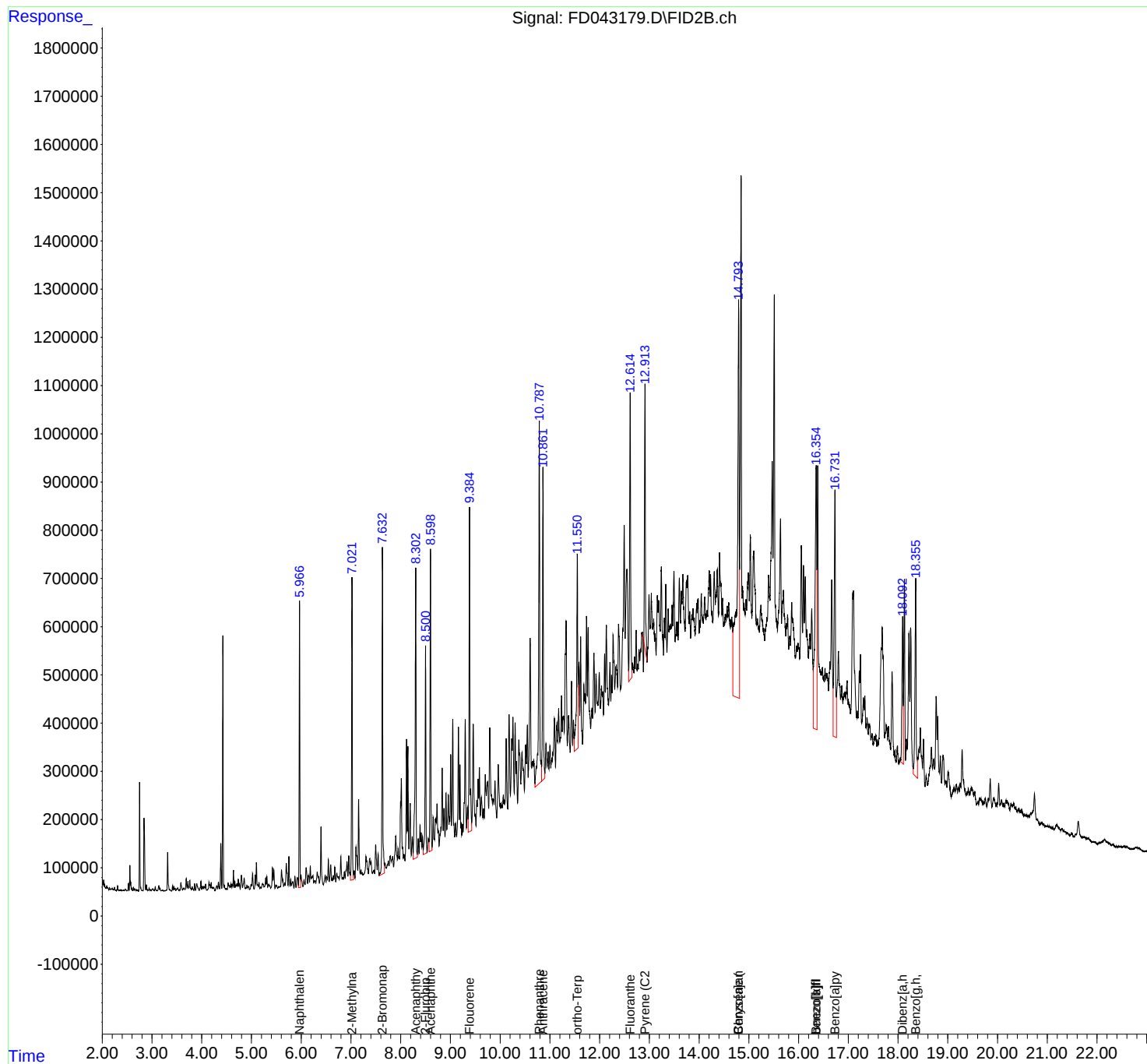
(m)=manual int.

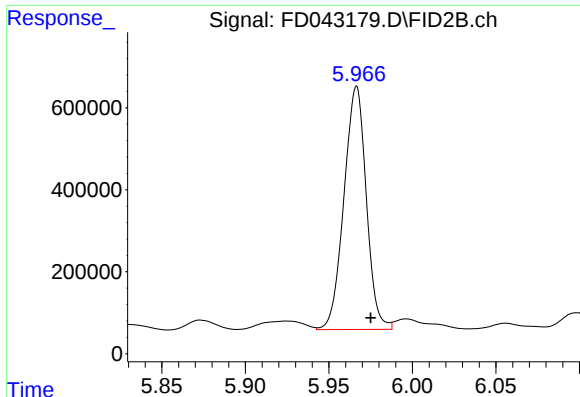
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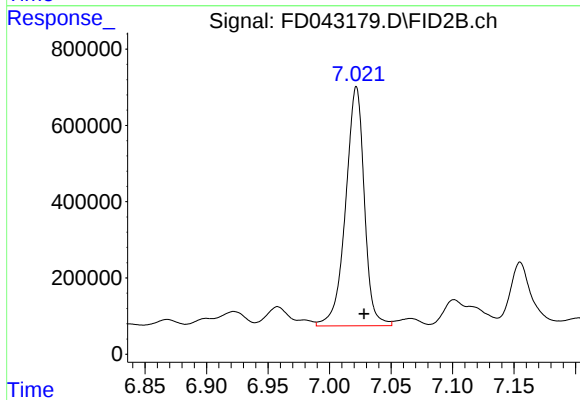




#2 Naphthalene (C11.7)

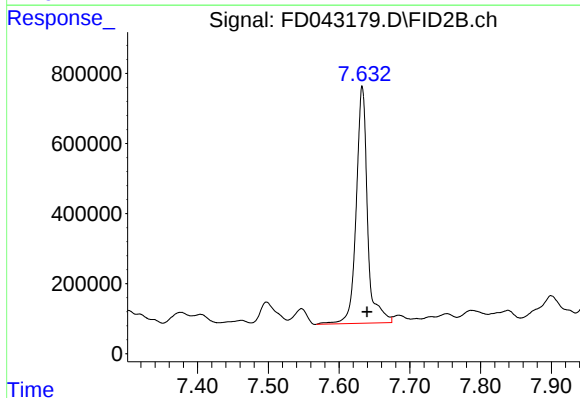
R.T.: 5.966 min
Delta R.T.: -0.009 min
Response: 5525733
Conc: 31.56 ug/ml

Instrument :
FID_D
ClientSampleId :



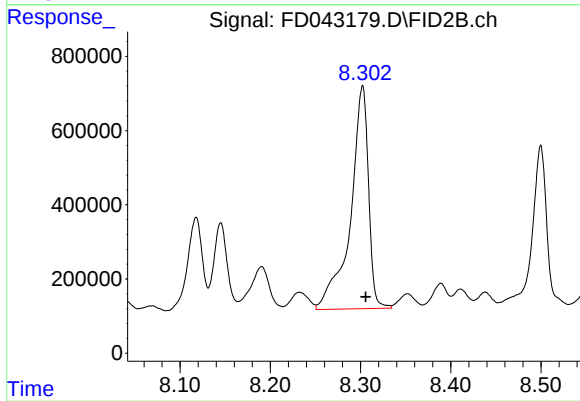
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: -0.007 min
Response: 6634230
Conc: 41.25 ug/ml



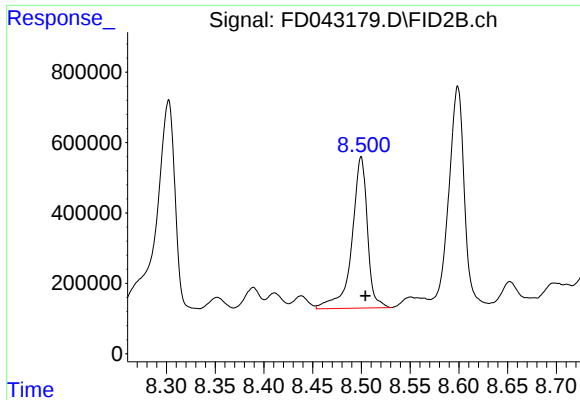
#4 2-Bromonaphthalene (SURR)

R.T.: 7.633 min
Delta R.T.: -0.007 min
Response: 7508373
Conc: 48.63 ug/ml



#5 Acenaphthylene (C15.06)

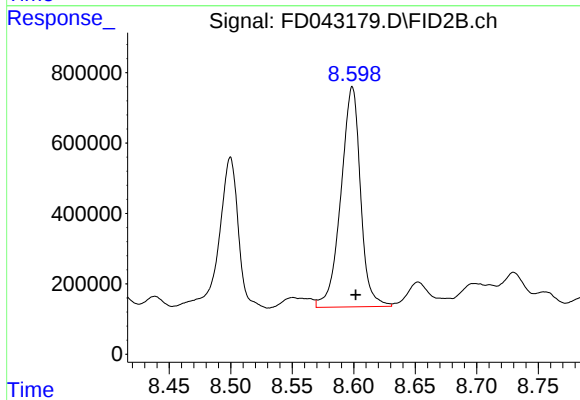
R.T.: 8.302 min
Delta R.T.: -0.004 min
Response: 8356943
Conc: 47.02 ug/ml



#6 2-Fluorobiphenyl (SURR)

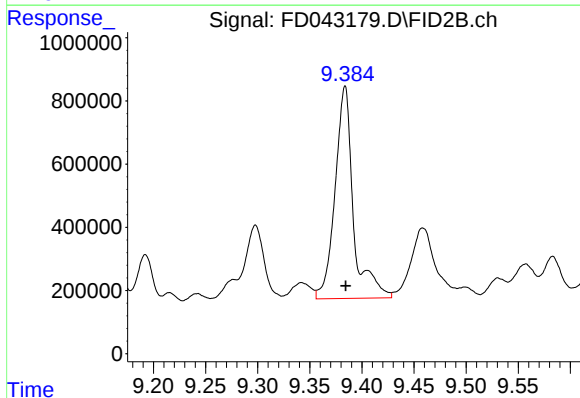
R.T.: 8.500 min
Delta R.T.: -0.005 min
Response: 4779844
Conc: 45.32 ug/ml

Instrument :
FID_D
ClientSampleId :



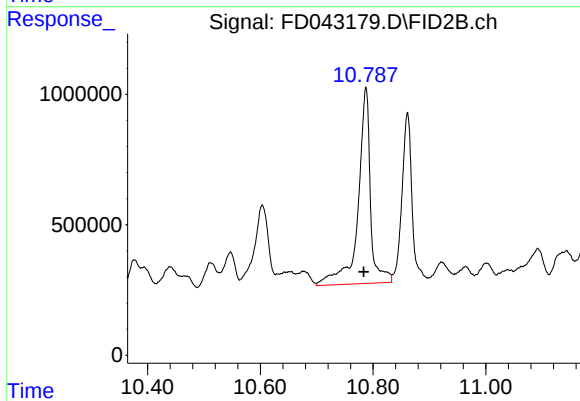
#7 Acenaphthene (C15.5)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 6938531
Conc: 39.62 ug/ml



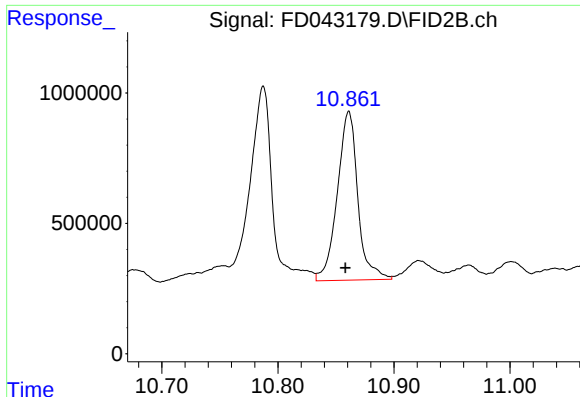
#8 Flouorene (C16.55)

R.T.: 9.383 min
Delta R.T.: -0.001 min
Response: 8198960
Conc: 47.30 ug/ml



#9 Phenanthrene (C19.36)

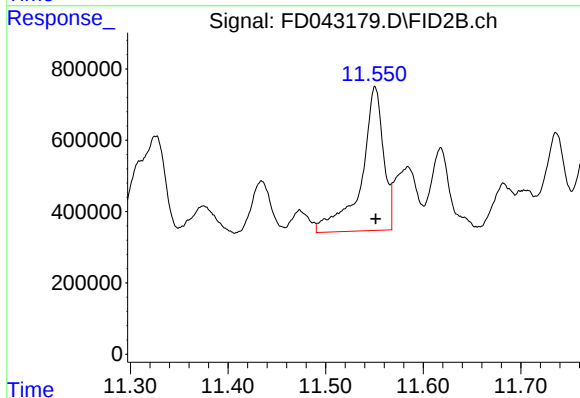
R.T.: 10.787 min
Delta R.T.: 0.003 min
Response: 11534469
Conc: 67.25 ug/ml



#10 Anthracene (C19.43)

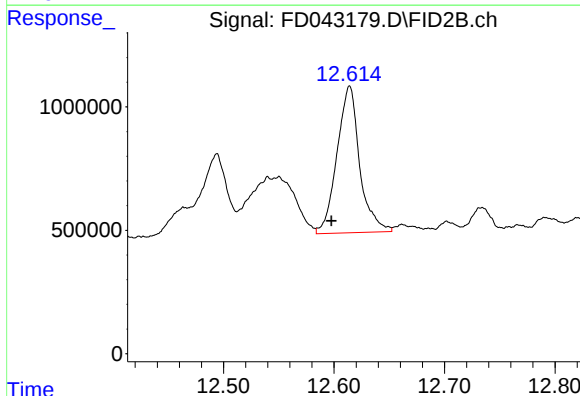
R.T.: 10.861 min
Delta R.T.: 0.003 min
Response: 7958784
Conc: 46.85 ug/ml

Instrument :
FID_D
ClientSampleId :



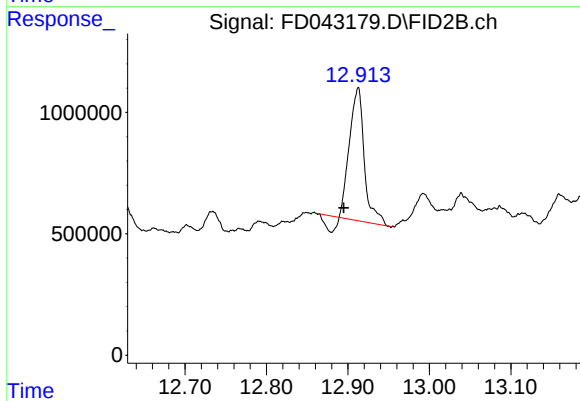
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.000 min
Response: 6365616
Conc: 35.02 ug/ml



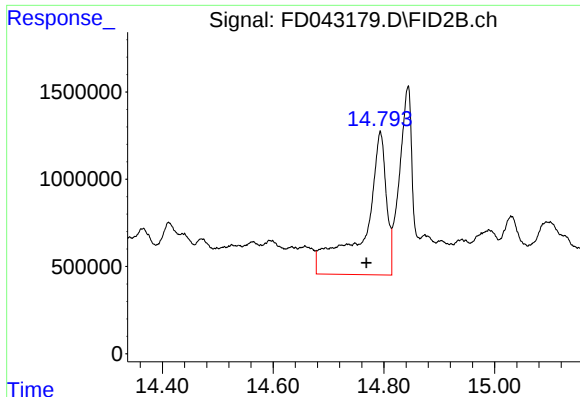
#12 Fluoranthene (C21.85)

R.T.: 12.614 min
Delta R.T.: 0.016 min
Response: 8484431
Conc: 50.59 ug/ml



#13 Pyrene (C20.8)

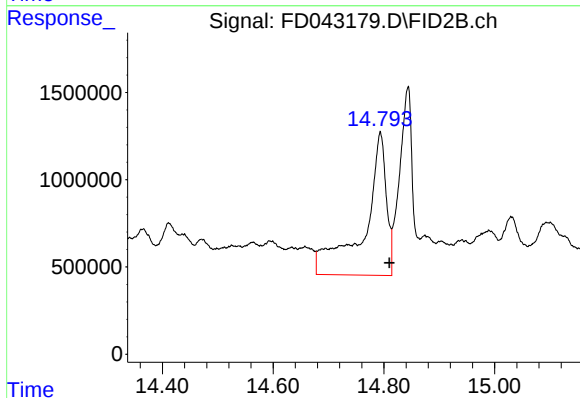
R.T.: 12.912 min
Delta R.T.: 0.017 min
Response: 6427824
Conc: 39.44 ug/ml



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

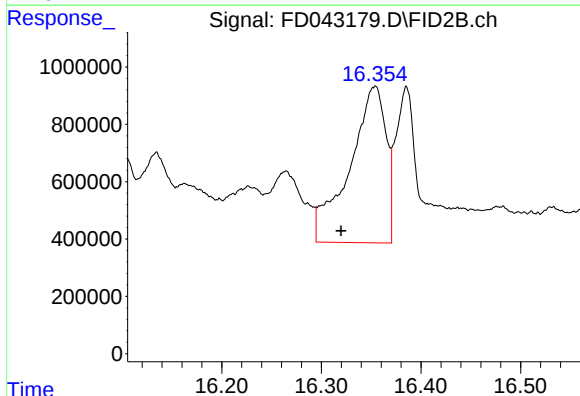
R.T.: 14.794 min
Delta R.T.: 0.025 min
Response: 22815839
Conc: 146.92 ug/ml

Instrument :
FID_D
ClientSampleId :



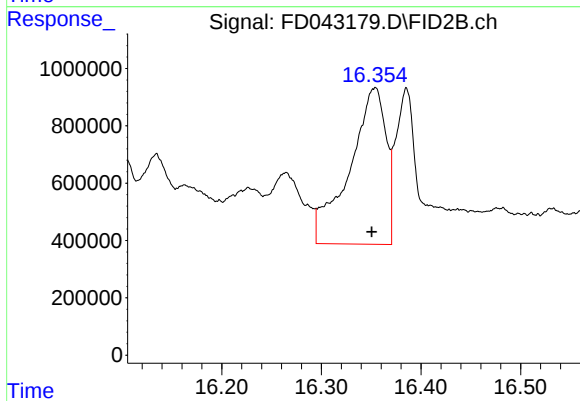
#15 Chrysene (C27.41)

R.T.: 14.794 min
Delta R.T.: -0.016 min
Response: 22815839
Conc: 144.56 ug/ml



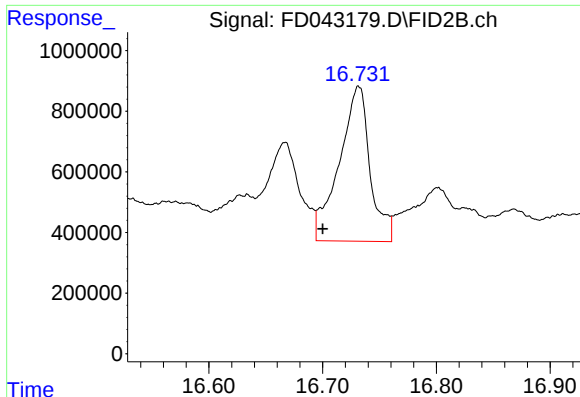
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.353 min
Delta R.T.: 0.033 min
Response: 13905739
Conc: 91.22 ug/ml



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

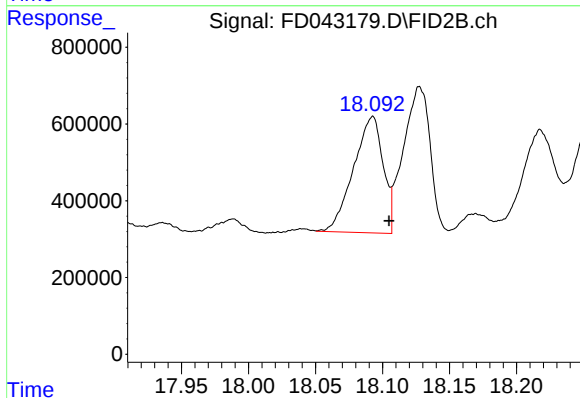
R.T.: 16.353 min
Delta R.T.: 0.003 min
Response: 13905739
Conc: 95.01 ug/ml



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

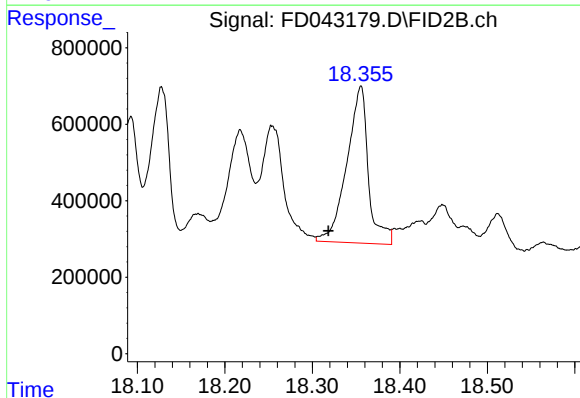
R.T.: 16.731 min
Delta R.T.: 0.031 min
Response: 9645768
Conc: 67.44 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.092 min
Delta R.T.: -0.013 min
Response: 4671500
Conc: 34.75 ug/ml



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

R.T.: 18.355 min
Delta R.T.: 0.036 min
Response: 7029307
Conc: 53.89 ug/ml