

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110819AR\
 Data File : FD031386.D
 Signal(s) : FID2B.CH
 Acq On : 08 Nov 2019 14:33
 Operator : DD\AJ
 Sample : K5725-06
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SO-1

Integration File: autoint1.e
 Quant Time: Nov 08 16:59:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.636	2698423	22.669 ug/ml
Spiked Amount 50.000		Recovery =	45.34%
6) S 2-Fluorobiphenyl (SURR)	8.495	833851	10.120 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.24%
11) S ortho-Terphenyl (SURR)	11.540	4356511	34.044 ug/ml
Spiked Amount 50.000		Recovery =	68.09%
Target Compounds			
2) T Naphthalene (C11.7)	5.973	209469	1.627 ug/ml
3) T 2-Methylnaphthalene (...)	7.024	108773	0.847 ug/ml
5) T Acenaphthylene (C15.06)	8.299	113812	0.904 ug/ml
7) T Acenaphthene (C15.5)	8.593	220262	1.682 ug/ml
8) T Flouorene (C16.55)	9.373	383577	2.934 ug/ml
9) T Phenanthrene (C19.36)	10.771	3497782	26.547 ug/ml
10) T Anthracene (C19.43)	10.842	810638	6.287 ug/ml
12) T Fluoranthene (C21.85)	12.584	5602827	42.277 ug/ml
13) T Pyrene (C20.8)	12.879	3879392	29.457 ug/ml
14) T Benzo[a]anthracene (C...	14.745	3068889	24.244 ug/ml
15) T Chrysene (C27.41)	14.788	3067697	24.187 ug/ml
16) T benzo[b]fluoranthene ...	16.323	1354631	10.791 ug/ml
17) T Bnezo[k]fluoranthene ...	16.323	1354631	10.765 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	2973575	23.962 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.070	564660	4.642 ug/ml
20) T Dibenz[a,h]anthracene...	18.111	206846	1.671 ug/ml
21) T Benzo[g,h,i]perylene ...	18.285	1832764	15.193 ug/ml

(f)=RT Delta > 1/2 Window

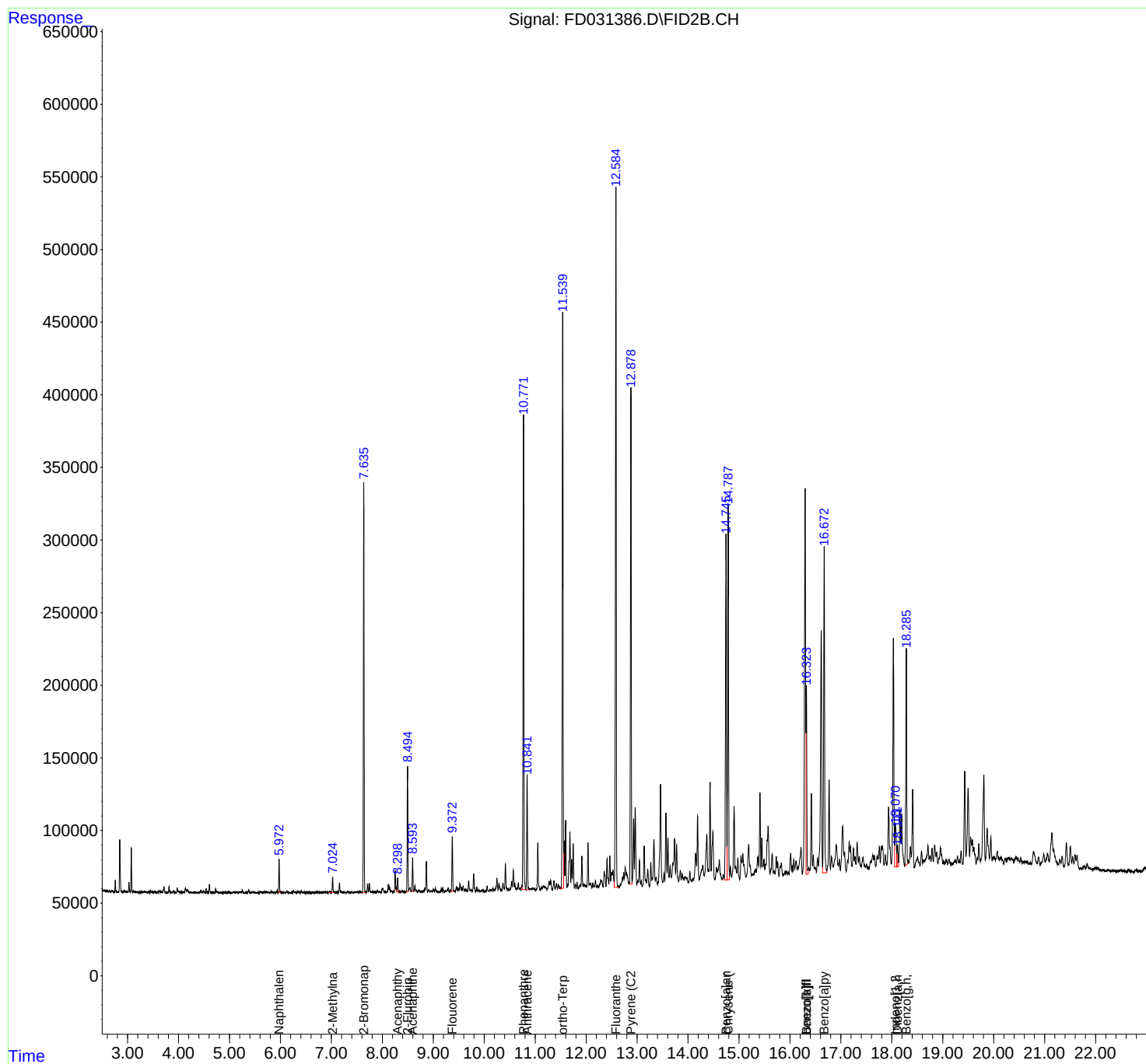
(m)=manual int.

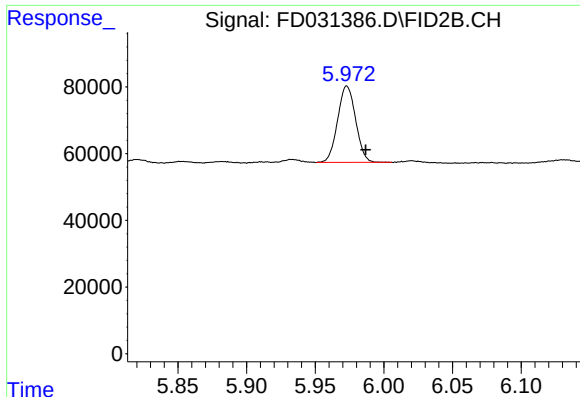
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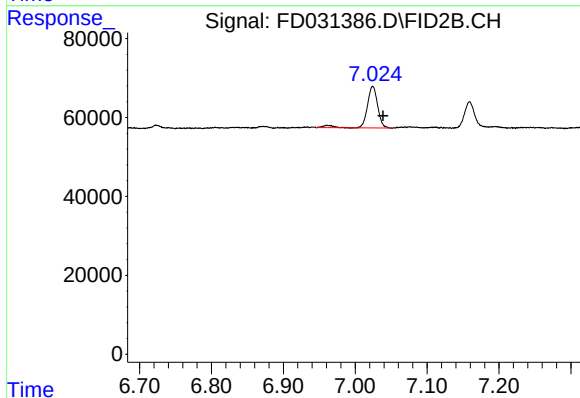




#2 Naphthalene (C11.7)

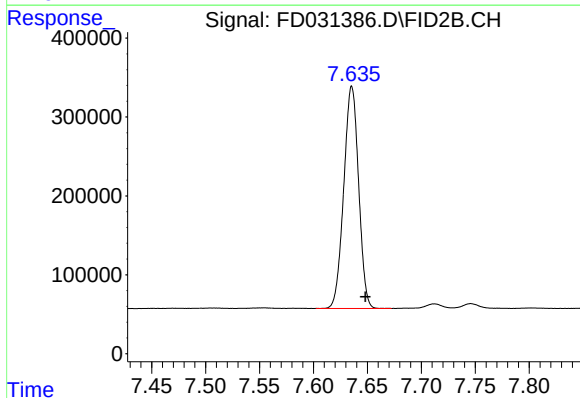
R.T.: 5.973 min
Delta R.T.: -0.014 min
Response: 209469
Conc: 1.63 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-1



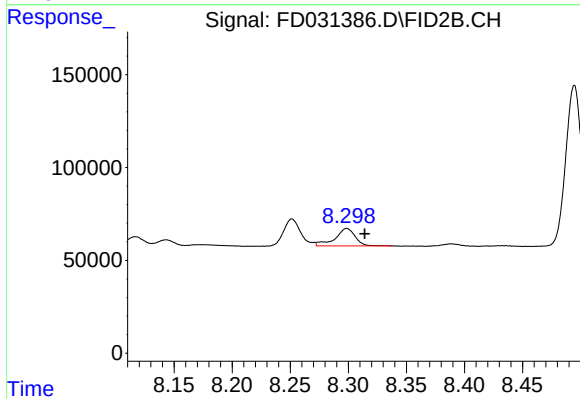
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.015 min
Response: 108773
Conc: 0.85 ug/ml



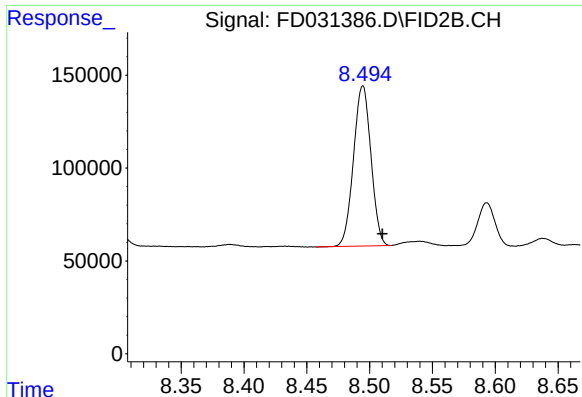
#4 2-Bromonaphthalene (SURR)

R.T.: 7.636 min
Delta R.T.: -0.012 min
Response: 2698423
Conc: 22.67 ug/ml



#5 Acenaphthylene (C15.06)

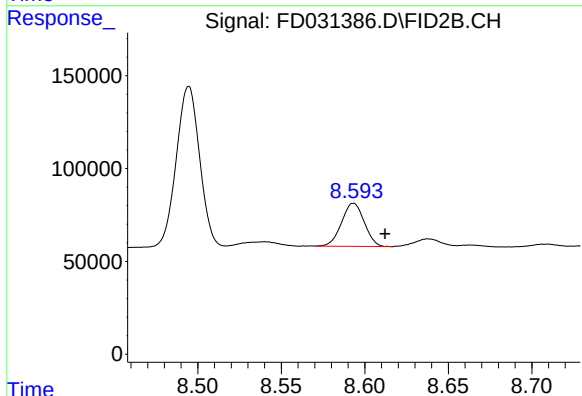
R.T.: 8.299 min
Delta R.T.: -0.015 min
Response: 113812
Conc: 0.90 ug/ml



#6 2-Fluorobiphenyl (SURR)

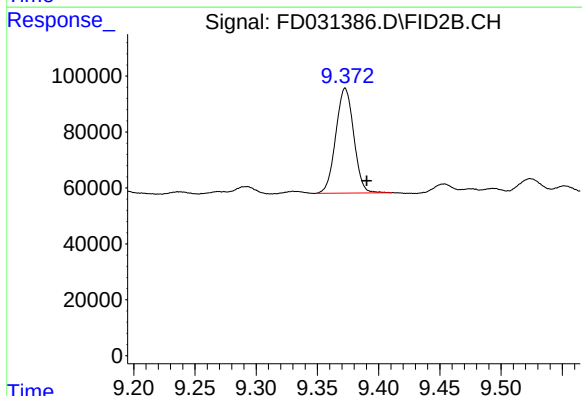
R.T.: 8.495 min
Delta R.T.: -0.015 min
Response: 833851
Conc: 10.12 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-1



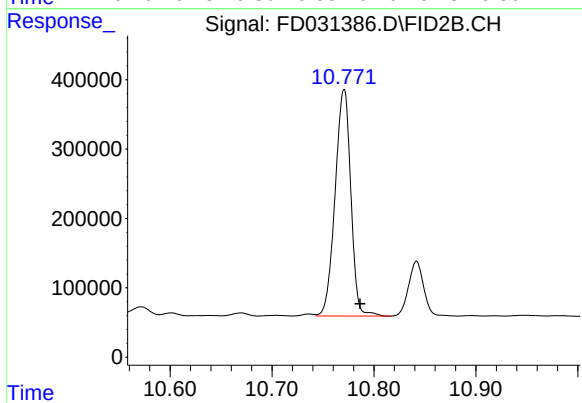
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: -0.019 min
Response: 220262
Conc: 1.68 ug/ml



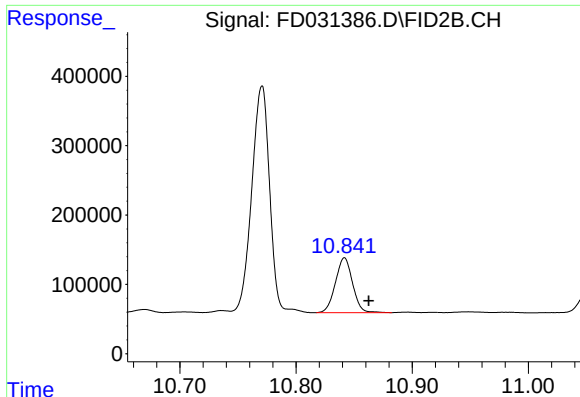
#8 Flouorene (C16.55)

R.T.: 9.373 min
Delta R.T.: -0.018 min
Response: 383577
Conc: 2.93 ug/ml



#9 Phenanthrene (C19.36)

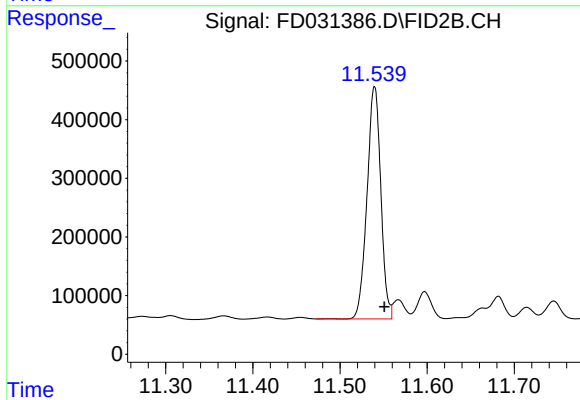
R.T.: 10.771 min
Delta R.T.: -0.016 min
Response: 3497782
Conc: 26.55 ug/ml



#10 Anthracene (C19.43)

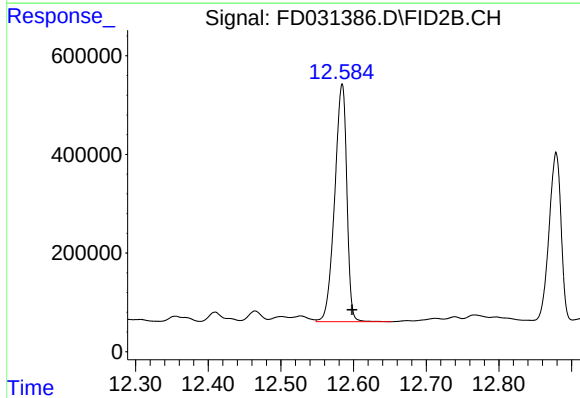
R.T.: 10.842 min
Delta R.T.: -0.021 min
Response: 810638
Conc: 6.29 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-1



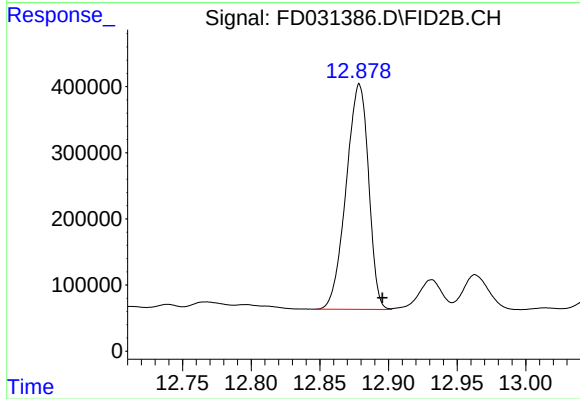
#11 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.011 min
Response: 4356511
Conc: 34.04 ug/ml



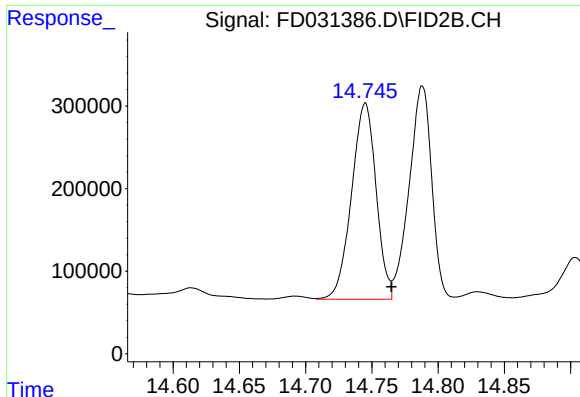
#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: -0.014 min
Response: 5602827
Conc: 42.28 ug/ml



#13 Pyrene (C20.8)

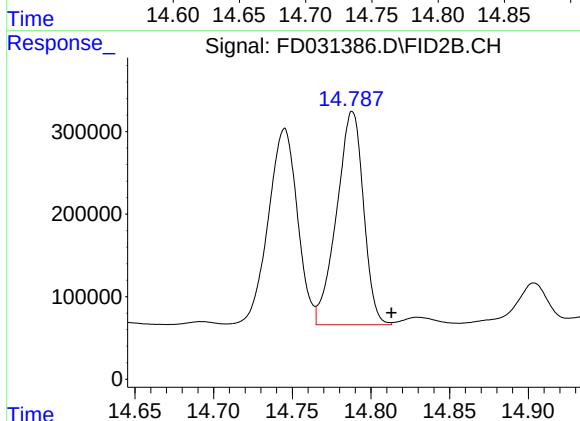
R.T.: 12.879 min
Delta R.T.: -0.017 min
Response: 3879392
Conc: 29.46 ug/ml



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

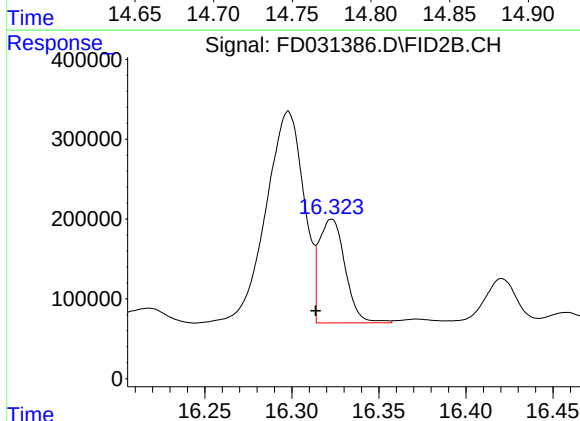
R.T.: 14.745 min
Delta R.T.: -0.020 min
Response: 3068889
Conc: 24.24 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-1



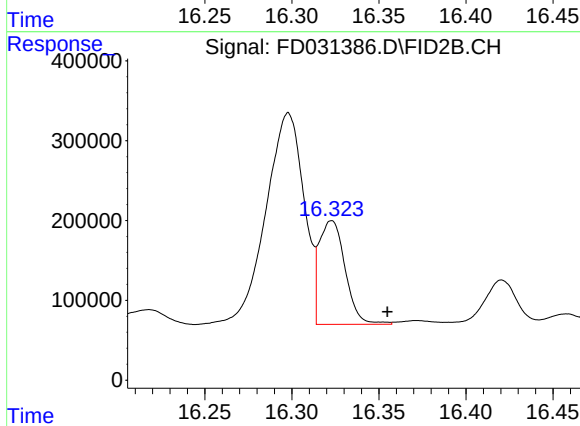
#15 Chrysene (C27.41)

R.T.: 14.788 min
Delta R.T.: -0.025 min
Response: 3067697
Conc: 24.19 ug/ml



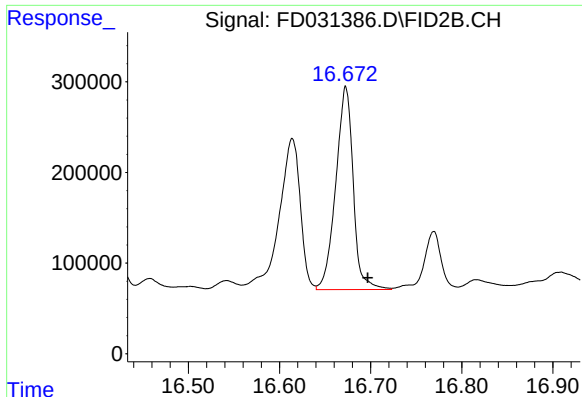
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.323 min
Delta R.T.: 0.009 min
Response: 1354631
Conc: 10.79 ug/ml



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

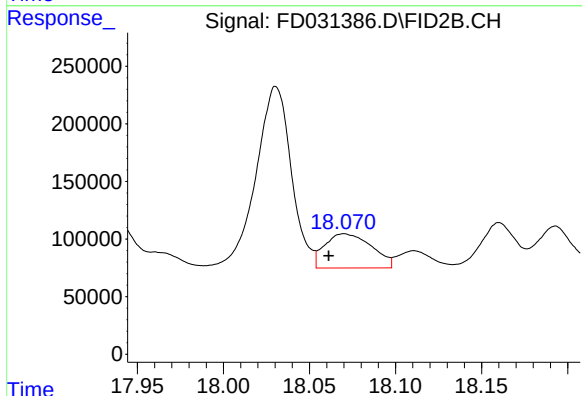
R.T.: 16.323 min
Delta R.T.: -0.032 min
Response: 1354631
Conc: 10.76 ug/ml



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

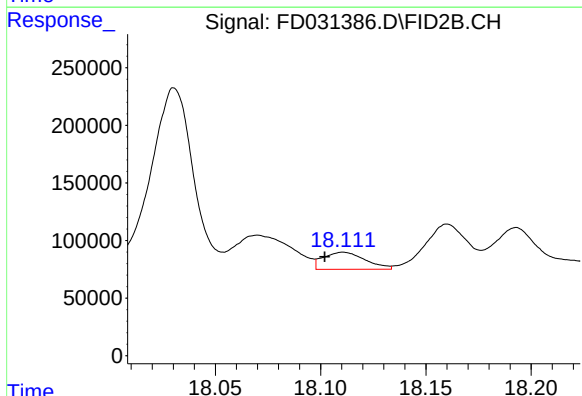
R.T.: 16.673 min
Delta R.T.: -0.024 min
Response: 2973575
Conc: 23.96 ug/ml

Instrument :
FID_D
ClientSampleId :
SO-1



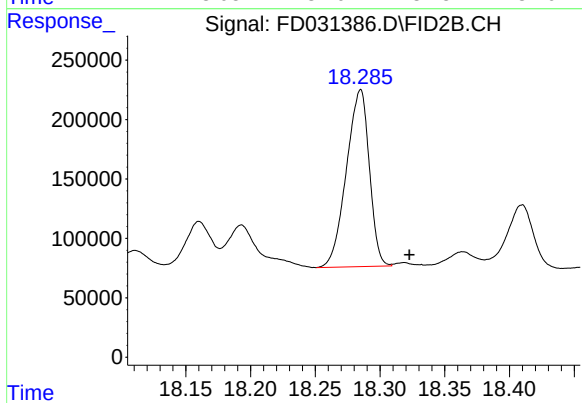
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.070 min
Delta R.T.: 0.009 min
Response: 564660
Conc: 4.64 ug/ml



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

R.T.: 18.111 min
Delta R.T.: 0.009 min
Response: 206846
Conc: 1.67 ug/ml



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

R.T.: 18.285 min
Delta R.T.: -0.038 min
Response: 1832764
Conc: 15.19 ug/ml