

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111221AR\
 Data File : FD039431.D
 Signal(s) : FID2B.CH
 Acq On : 12 Nov 2021 20:28
 Operator : AJ\MA
 Sample : M4592-01MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 12 23:12:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:39:48 2021
 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...	7.758	9367782	80.738 ug/ml
Spiked Amount 50.000		Recovery =	161.48%
6) S 2-Fluorobiphenyl (SURR)	8.634	4764718	59.432 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.86%
11) S ortho-Terphenyl (SURR)	11.683	9885632	77.506 ug/ml
Spiked Amount 50.000		Recovery =	155.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	3584730	29.127 ug/ml
2) T Naphthalene (C11.7)	6.089	5099835	39.349 ug/ml
3) T 2-Methylnaphthalene (...)	7.154	15632845	117.709 ug/ml
5) T Acenaphthylene (C15.06)	8.432	17875182	144.829 ug/ml
7) T Acenaphthene (C15.5)	8.733	10250418	78.583 ug/ml
8) T Fluorene (C16.55)	9.521	11278311	87.102 ug/ml
9) T Phenanthrene (C19.36)	10.888	11532031	89.298 ug/ml
10) T Anthracene (C19.43)	11.001	13568734	106.061 ug/ml
12) T Fluoranthene (C21.85)	12.741	10637313	81.644 ug/ml
13) T Pyrene (C20.8)	13.036	8738740	69.101 ug/ml
14) T Benzo[a]anthracene (C...	14.899	5149278	43.535 ug/ml
15) T Chrysene (C27.41)	14.942	5671355	45.088 ug/ml
16) T benzo[b]fluoranthene ...	16.454	5834356	49.727 ug/ml
17) T Bnezo[k]fluoranthene ...	16.486	4987497	42.382 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.833	5183908	45.545 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.201	5060139	47.266 ug/ml
20) T Dibenz[a,h]anthracene...	18.236	4695587	44.041 ug/ml
21) T Benzo[g,h,i]perylene ...	18.460	5261382	49.857 ug/ml

(f)=RT Delta > 1/2 Window

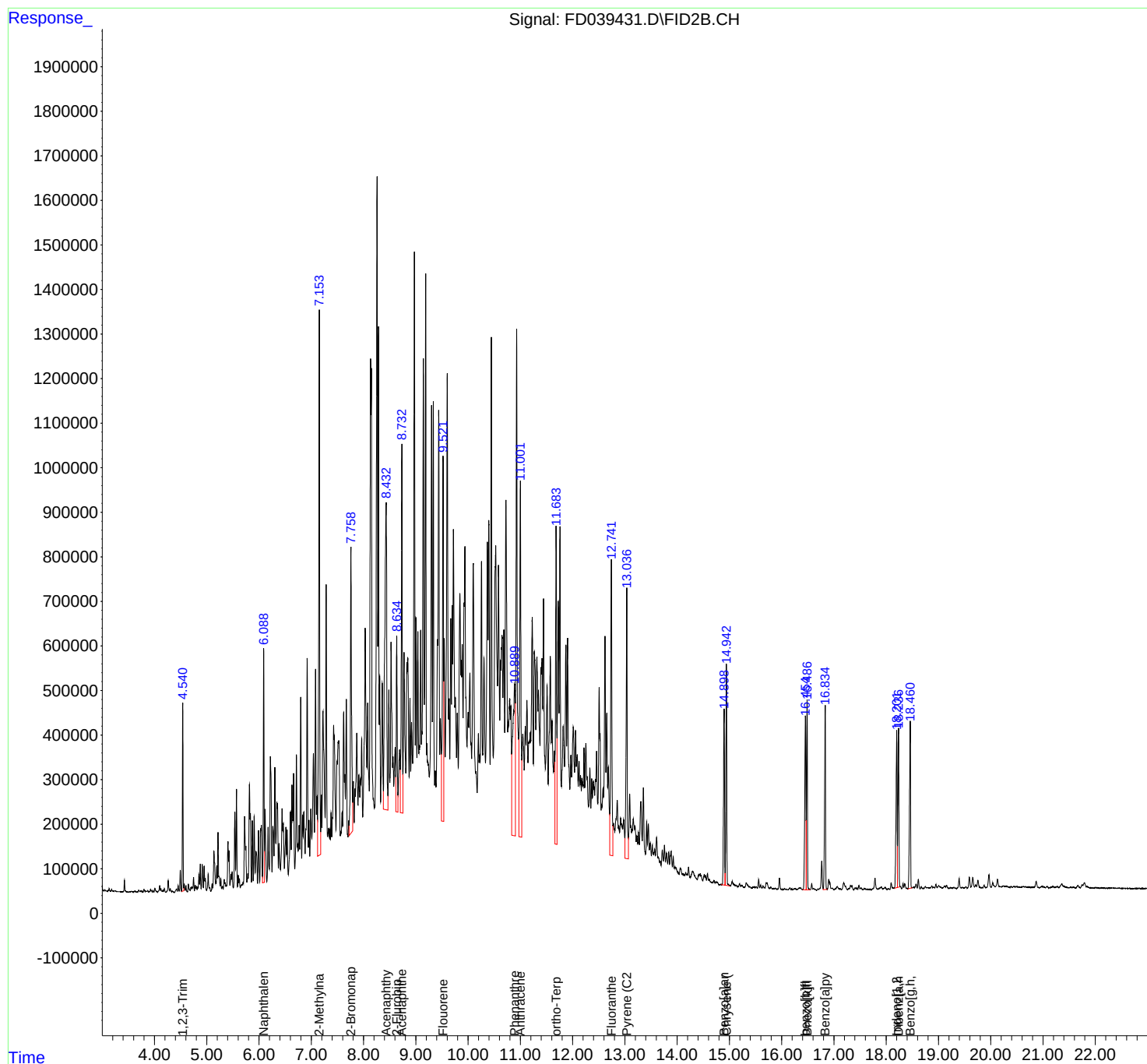
(m)=manual int.

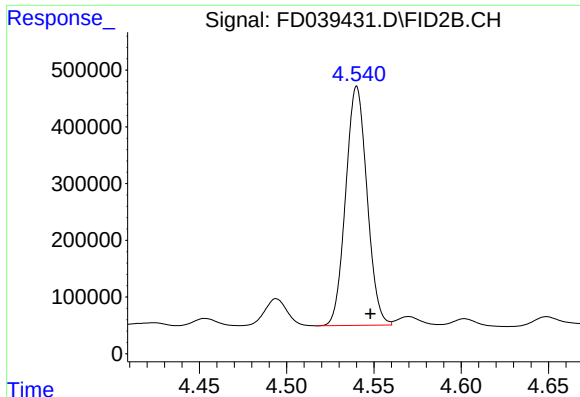
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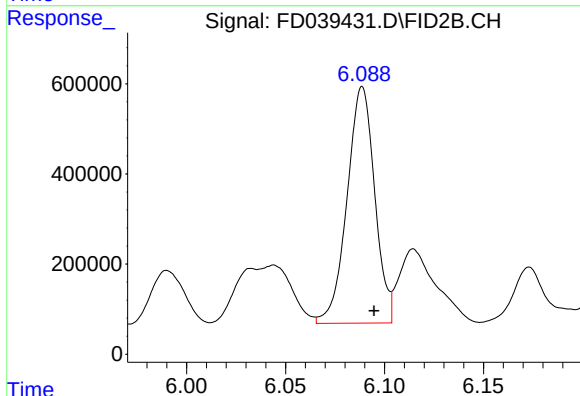




#1 1,2,3-Trimethylbenzene (C10.1)

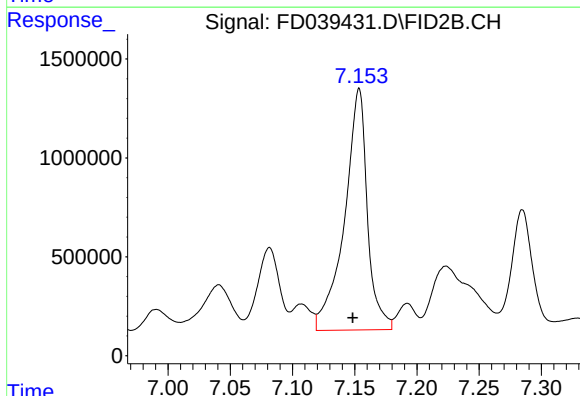
R.T.: 4.540 min
Delta R.T.: -0.008 min
Response: 3584730
Conc: 29.13 ug/ml

Instrument :
FID_D
ClientSampleId :



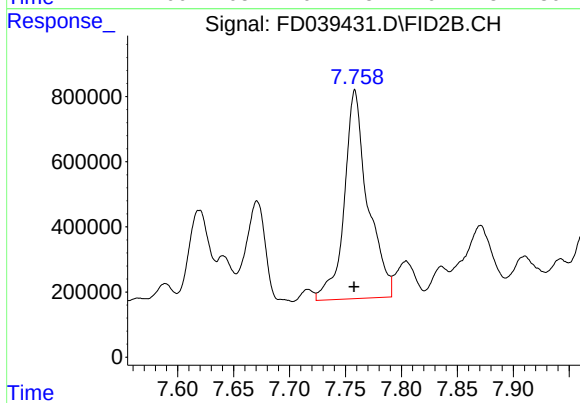
#2 Naphthalene (C11.7)

R.T.: 6.089 min
Delta R.T.: -0.006 min
Response: 5099835
Conc: 39.35 ug/ml



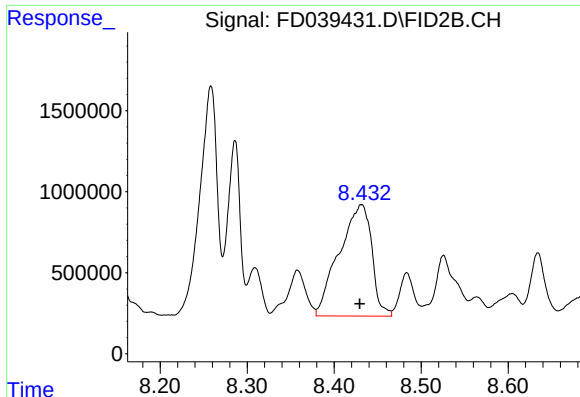
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.154 min
Delta R.T.: 0.005 min
Response: 15632845
Conc: 117.71 ug/ml



#4 2-Bromonaphthalene (SURR)

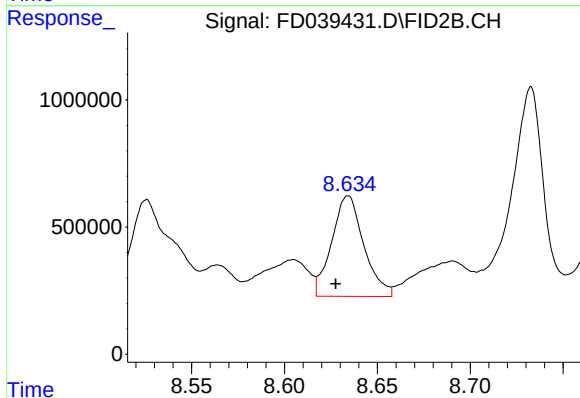
R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 9367782
Conc: 80.74 ug/ml



#5 Acenaphthylene (C15.06)

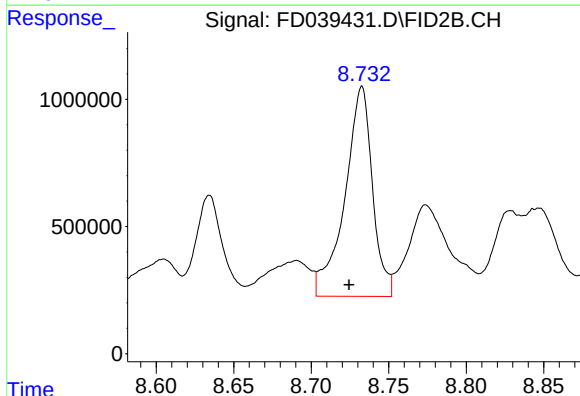
R.T.: 8.432 min
Delta R.T.: 0.002 min
Response: 17875182
Conc: 144.83 ug/ml

Instrument :
FID_D
ClientSampleId :



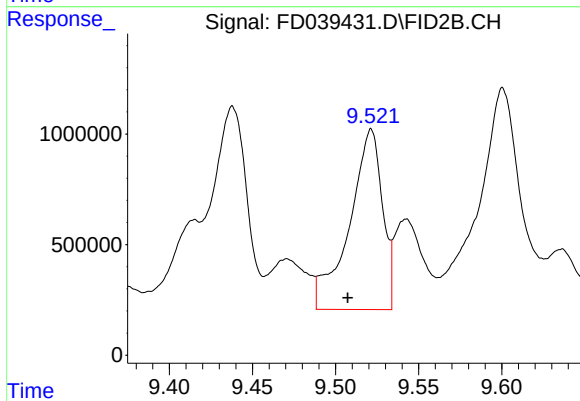
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.634 min
Delta R.T.: 0.007 min
Response: 4764718
Conc: 59.43 ug/ml



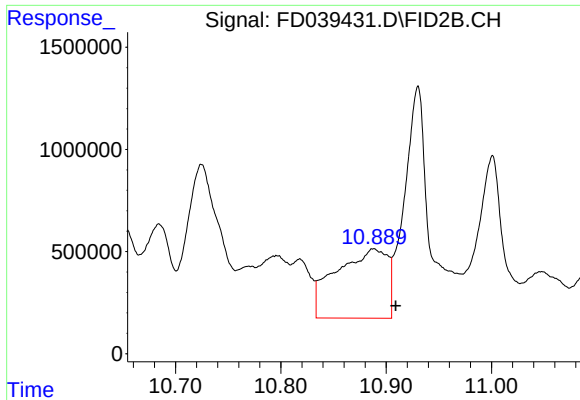
#7 Acenaphthene (C15.5)

R.T.: 8.733 min
Delta R.T.: 0.008 min
Response: 10250418
Conc: 78.58 ug/ml



#8 Flouorene (C16.55)

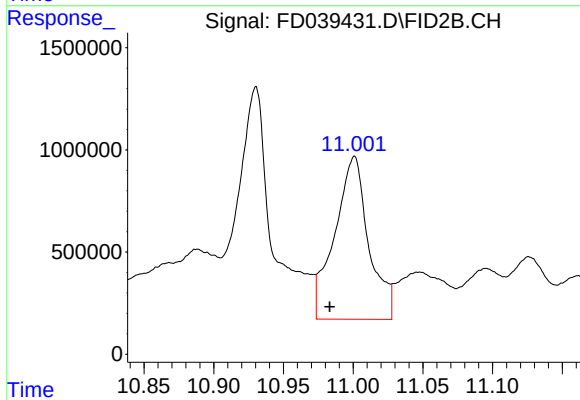
R.T.: 9.521 min
Delta R.T.: 0.014 min
Response: 11278311
Conc: 87.10 ug/ml



#9 Phenanthrene (C19.36)

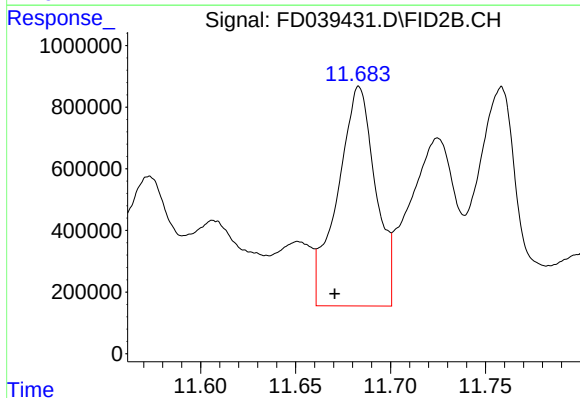
R.T.: 10.888 min
Delta R.T.: -0.021 min
Response: 11532031
Conc: 89.30 ug/ml

Instrument :
FID_D
ClientSampleId :



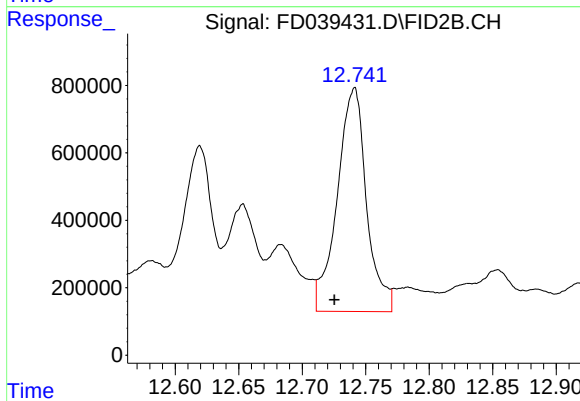
#10 Anthracene (C19.43)

R.T.: 11.001 min
Delta R.T.: 0.018 min
Response: 13568734
Conc: 106.06 ug/ml



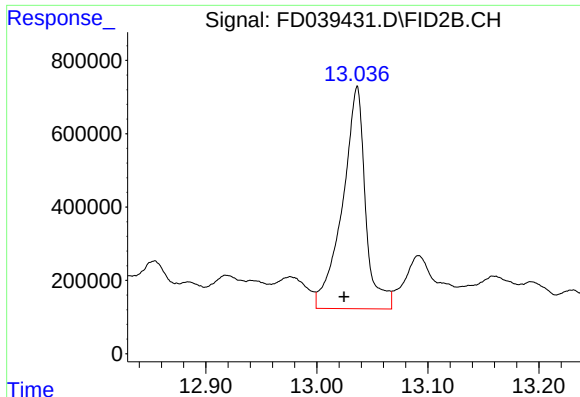
#11 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: 0.013 min
Response: 9885632
Conc: 77.51 ug/ml



#12 Fluoranthene (C21.85)

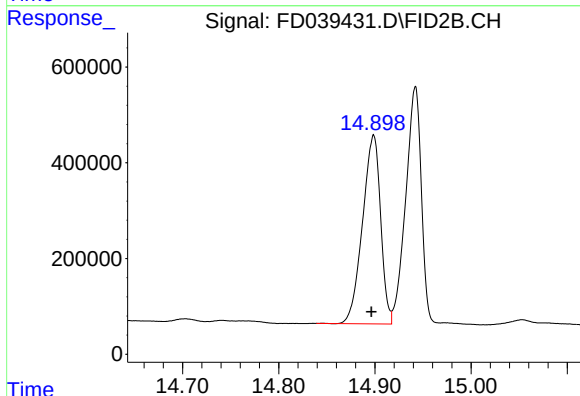
R.T.: 12.741 min
Delta R.T.: 0.016 min
Response: 10637313
Conc: 81.64 ug/ml



#13 Pyrene (C20.8)

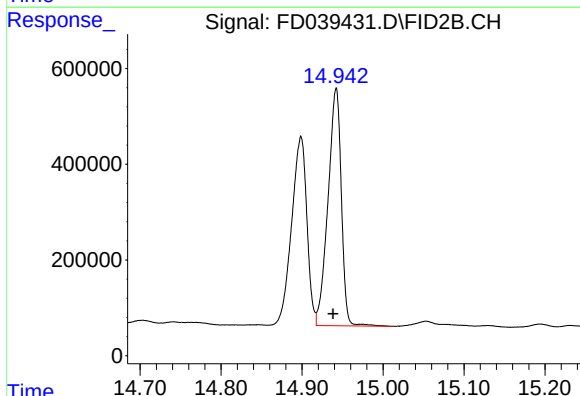
R.T.: 13.036 min
Delta R.T.: 0.012 min
Response: 8738740
Conc: 69.10 ug/ml

Instrument :
FID_D
ClientSampleId :



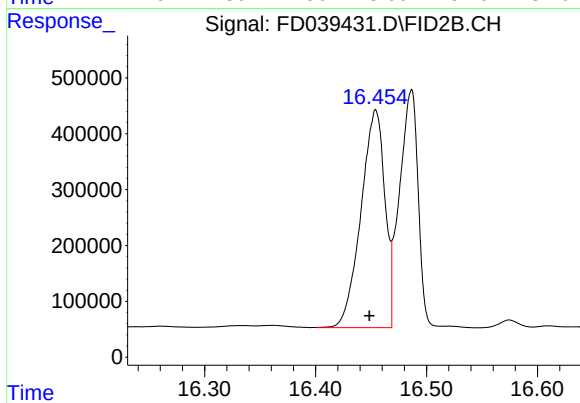
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.899 min
Delta R.T.: 0.002 min
Response: 5149278
Conc: 43.53 ug/ml



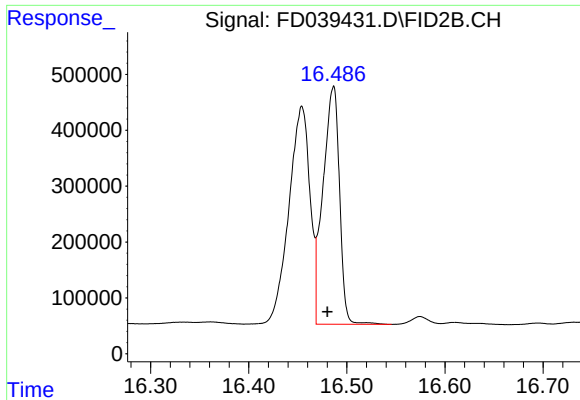
#15 Chrysene (C27.41)

R.T.: 14.942 min
Delta R.T.: 0.004 min
Response: 5671355
Conc: 45.09 ug/ml



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

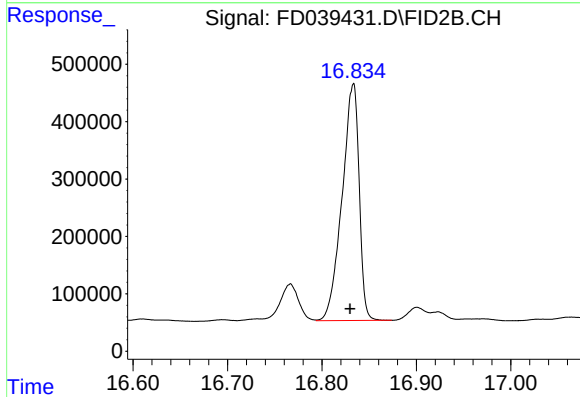
R.T.: 16.454 min
Delta R.T.: 0.006 min
Response: 5834356
Conc: 49.73 ug/ml



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

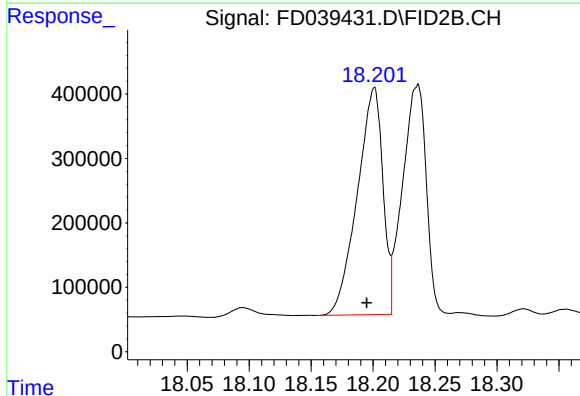
R.T.: 16.486 min
Delta R.T.: 0.006 min
Response: 4987497
Conc: 42.38 ug/ml

Instrument :
FID_D
ClientSampleId :



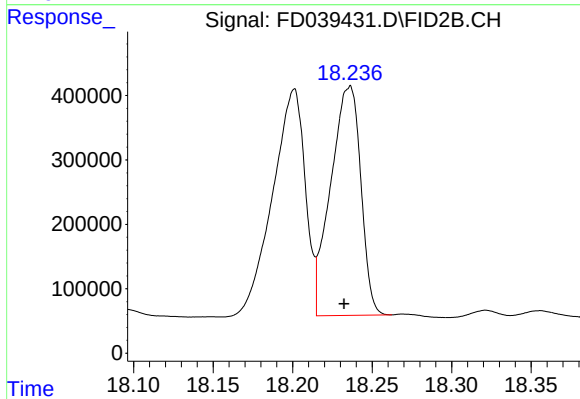
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.833 min
Delta R.T.: 0.003 min
Response: 5183908
Conc: 45.55 ug/ml



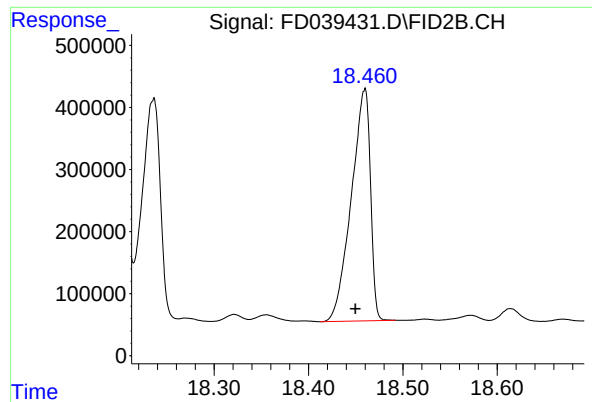
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.201 min
Delta R.T.: 0.006 min
Response: 5060139
Conc: 47.27 ug/ml



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

R.T.: 18.236 min
Delta R.T.: 0.003 min
Response: 4695587
Conc: 44.04 ug/ml



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

R.T.: 18.460 min
Delta R.T.: 0.010 min
Response: 5261382
Conc: 49.86 ug/ml

Instrument :
FID_D
ClientSampleId :