

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112321AR\
 Data File : FD039633.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 6:24
 Operator : AJ\MA
 Sample : M4386-17
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 24 06:43:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 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...	7.748	8836392	78.980 ug/ml
Spiked Amount 50.000		Recovery =	157.96%
6) S 2-Fluorobiphenyl (SURR)	8.620	7240550	96.545 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	193.09%#
11) S ortho-Terphenyl (SURR)	11.661	10009813	80.934 ug/ml
Spiked Amount 50.000		Recovery =	161.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	1031337	8.327 ug/ml
2) T Naphthalene (C11.7)	6.080	373529	2.921 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	3941447	30.336 ug/ml
5) T Acenaphthylene (C15.06)	8.410	2608169	21.721 ug/ml
7) T Acenaphthene (C15.5)	8.743	3932648	30.880 ug/ml
8) T Flouorene (C16.55)	9.480	2091073	17.023 ug/ml
9) T Phenanthrene (C19.36)	10.927	2230225	18.594 ug/ml
10) T Anthracene (C19.43)	10.967	2825355	23.589 ug/ml
12) T Fluoranthene (C21.85)	12.701	2157713	18.100 ug/ml
13) T Pyrene (C20.8)	13.008	1157672	10.182 ug/ml
14) T Benzo[a]anthracene (C...	14.930	101446	1.038 ug/ml
15) T Chrysene (C27.41)	14.930	101446	0.891 ug/ml
16) T benzo[b]fluoranthene ...	16.430	50254	0.511 ug/ml
17) T Bnezo[k]fluoranthene ...	16.492	56362	0.533 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.894f	63682	0.661 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.200	235915	2.531 ug/ml
20) T Dibenz[a,h]anthracene...	18.294	59185	0.578 ug/ml

(f)=RT Delta > 1/2 Window

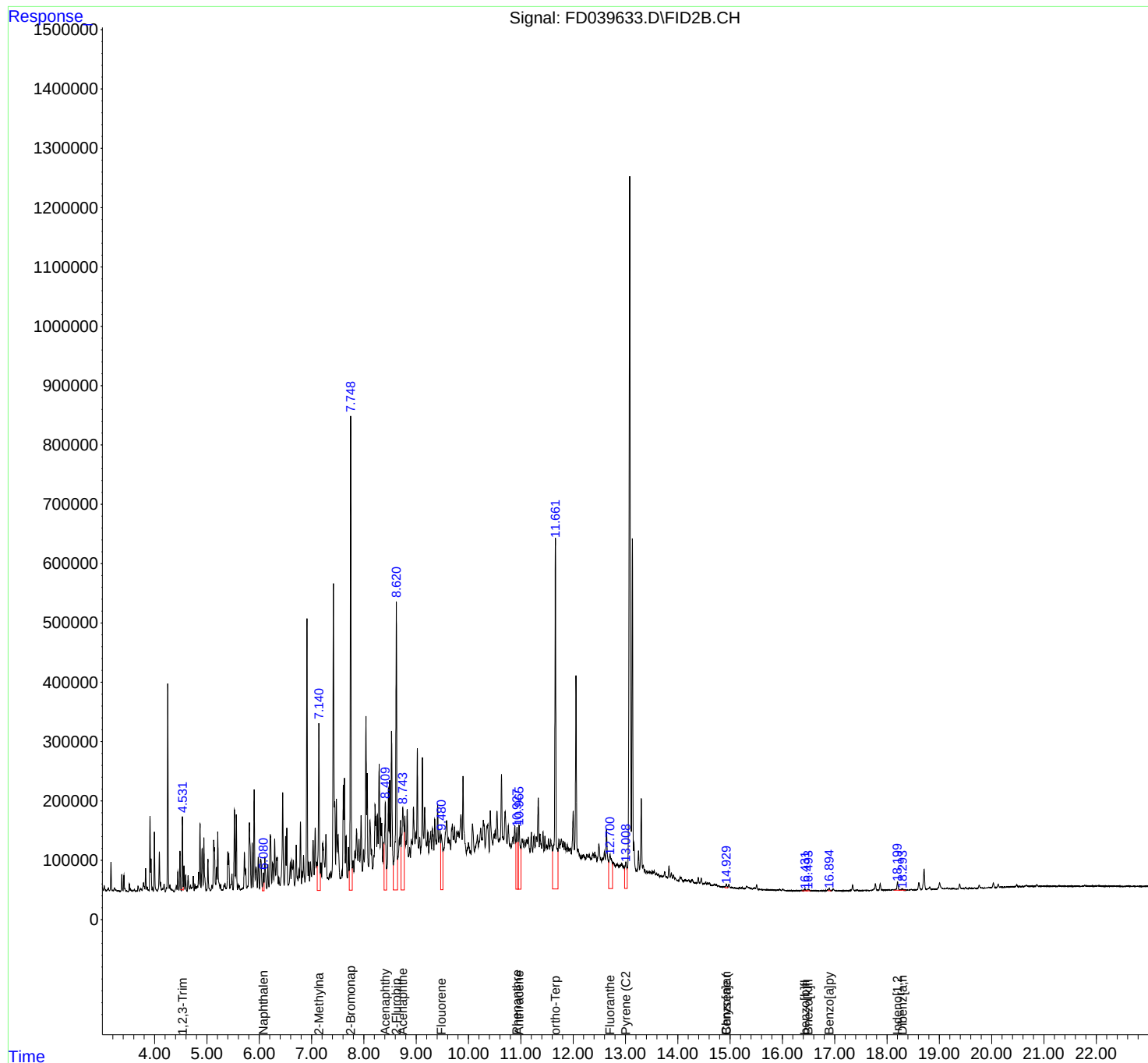
(m)=manual int.

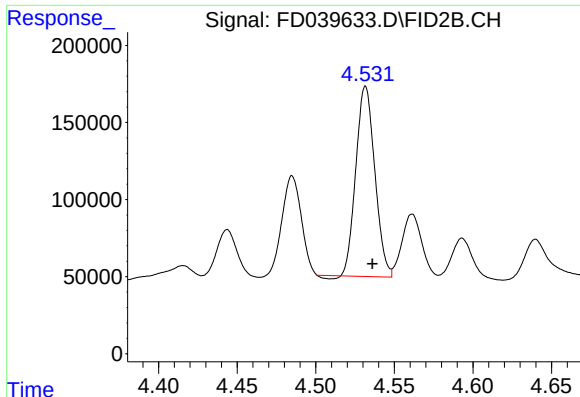
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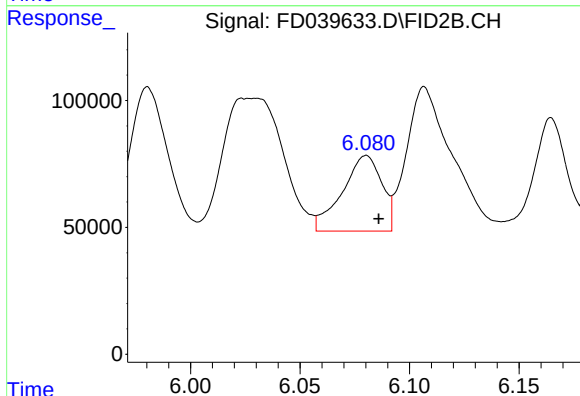




#1 1,2,3-Trimethylbenzene (C10.1)

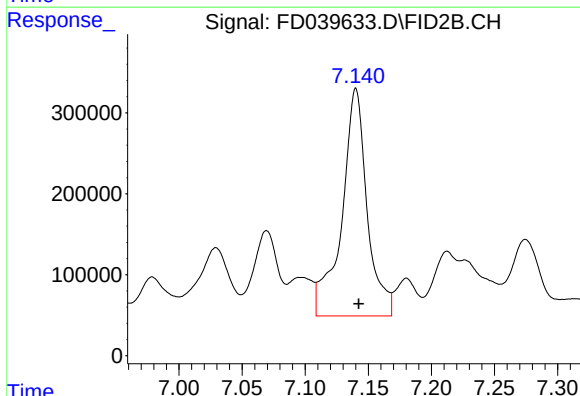
R.T.: 4.532 min
Delta R.T.: -0.004 min
Response: 1031337
Conc: 8.33 ug/ml

Instrument :
FID_D
ClientSampleId :



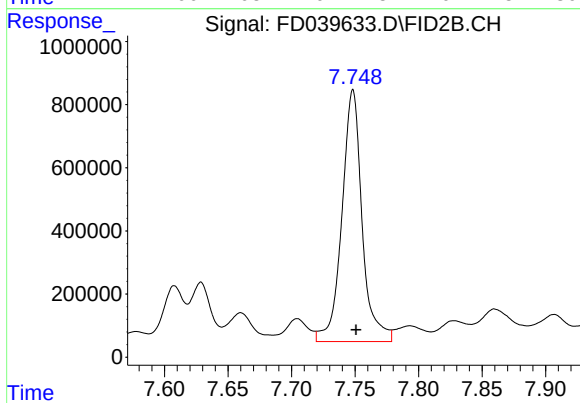
#2 Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.006 min
Response: 373529
Conc: 2.92 ug/ml



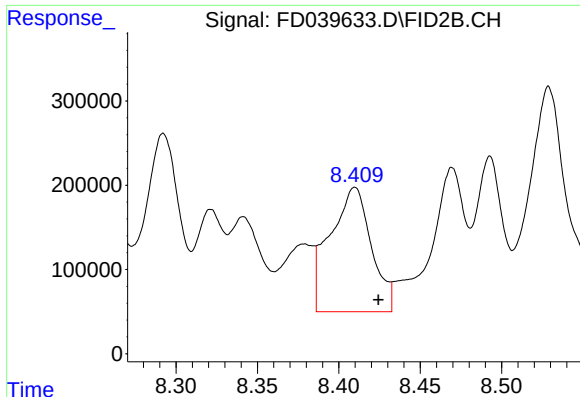
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.002 min
Response: 3941447
Conc: 30.34 ug/ml



#4 2-Bromonaphthalene (SURR)

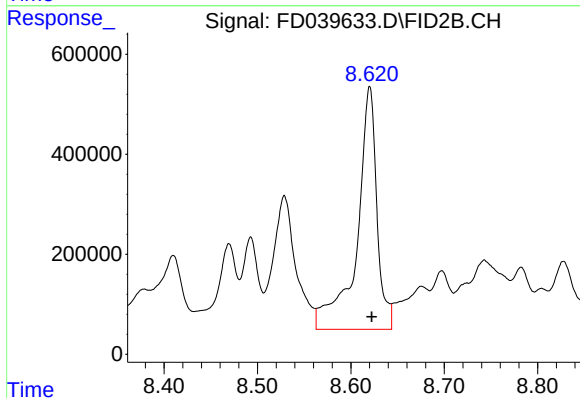
R.T.: 7.748 min
Delta R.T.: -0.003 min
Response: 8836392
Conc: 78.98 ug/ml



#5 Acenaphthylene (C15.06)

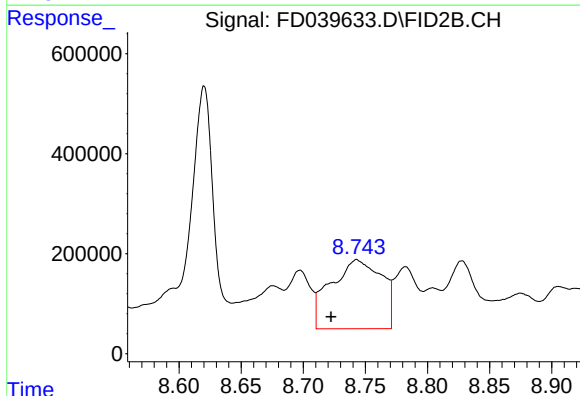
R.T.: 8.410 min
Delta R.T.: -0.015 min
Response: 2608169
Conc: 21.72 ug/ml

Instrument :
FID_D
ClientSampleId :



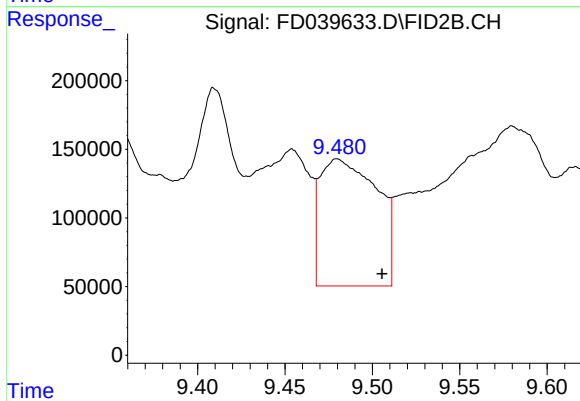
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.620 min
Delta R.T.: -0.002 min
Response: 7240550
Conc: 96.55 ug/ml



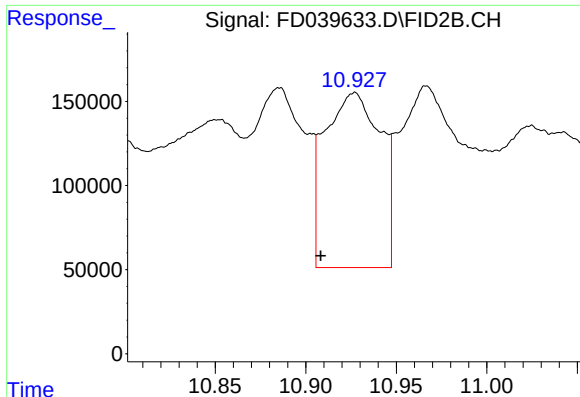
#7 Acenaphthene (C15.5)

R.T.: 8.743 min
Delta R.T.: 0.021 min
Response: 3932648
Conc: 30.88 ug/ml



#8 Flouorene (C16.55)

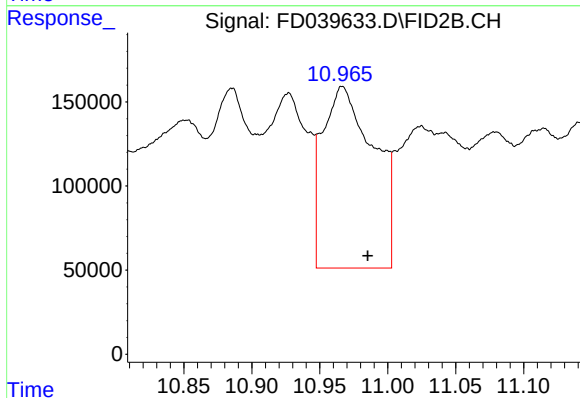
R.T.: 9.480 min
Delta R.T.: -0.026 min
Response: 2091073
Conc: 17.02 ug/ml



#9 Phenanthrene (C19.36)

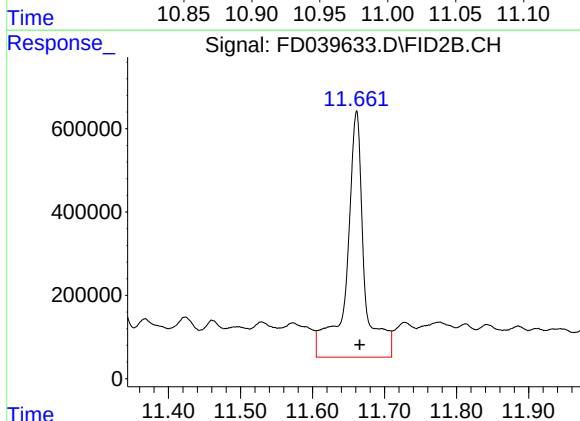
R.T.: 10.927 min
Delta R.T.: 0.019 min
Response: 2230225
Conc: 18.59 ug/ml

Instrument :
FID_D
ClientSampleId :



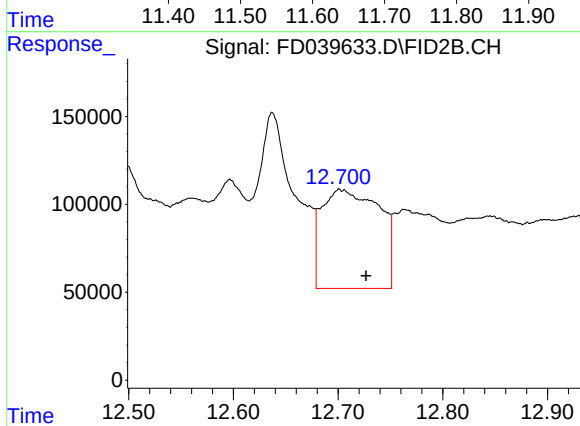
#10 Anthracene (C19.43)

R.T.: 10.967 min
Delta R.T.: -0.019 min
Response: 2825355
Conc: 23.59 ug/ml



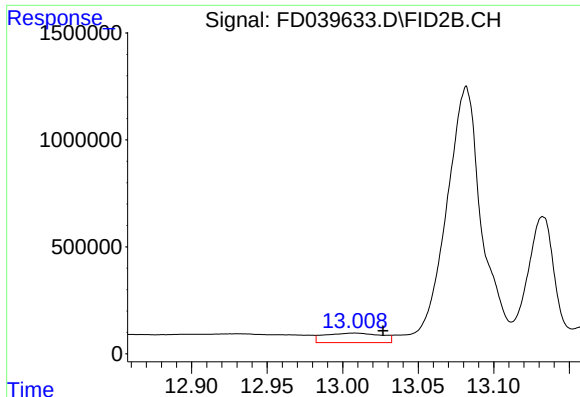
#11 ortho-Terphenyl (SURR)

R.T.: 11.661 min
Delta R.T.: -0.004 min
Response: 10009813
Conc: 80.93 ug/ml



#12 Fluoranthene (C21.85)

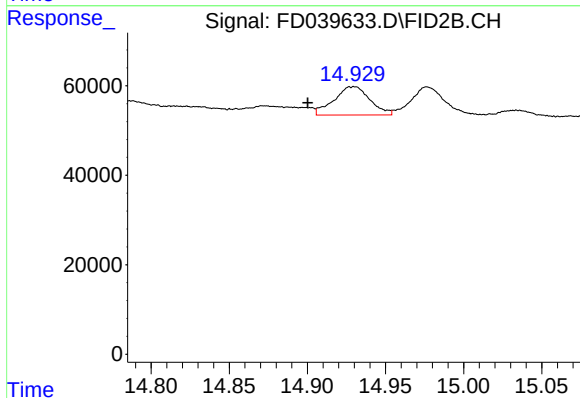
R.T.: 12.701 min
Delta R.T.: -0.026 min
Response: 2157713
Conc: 18.10 ug/ml



#13 Pyrene (C20.8)

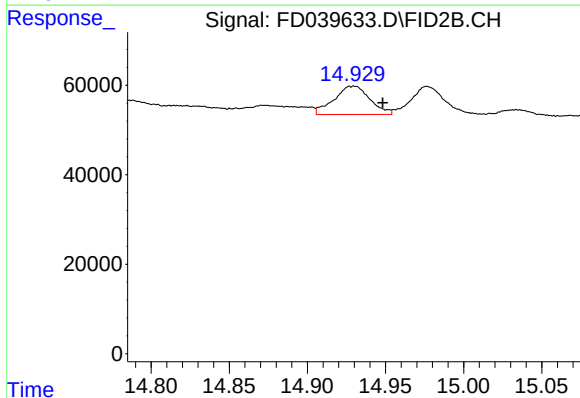
R.T.: 13.008 min
Delta R.T.: -0.019 min
Response: 1157672
Conc: 10.18 ug/ml

Instrument :
FID_D
ClientSampleId :



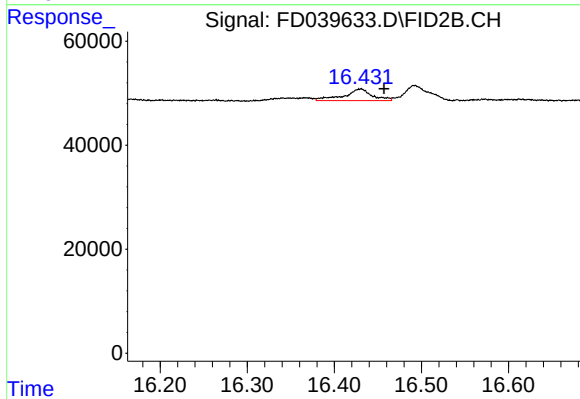
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.930 min
Delta R.T.: 0.029 min
Response: 101446
Conc: 1.04 ug/ml



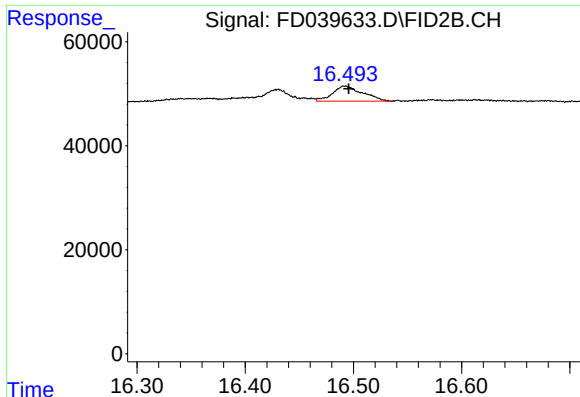
#15 Chrysene (C27.41)

R.T.: 14.930 min
Delta R.T.: -0.019 min
Response: 101446
Conc: 0.89 ug/ml



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

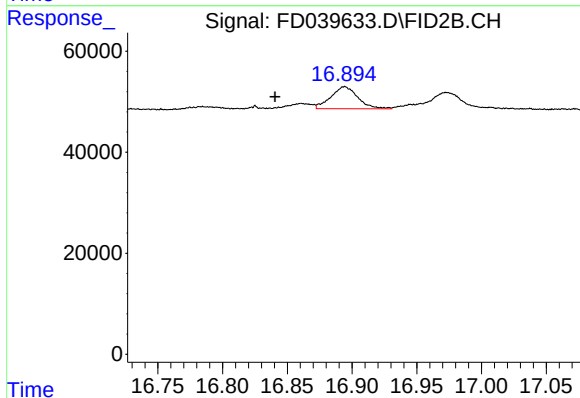
R.T.: 16.430 min
Delta R.T.: -0.027 min
Response: 50254
Conc: 0.51 ug/ml



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

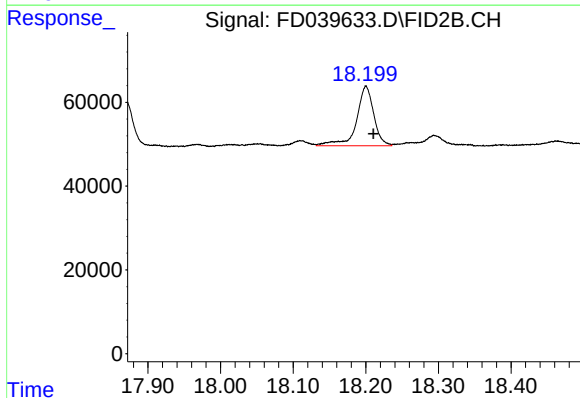
R.T.: 16.492 min
Delta R.T.: -0.004 min
Response: 56362
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



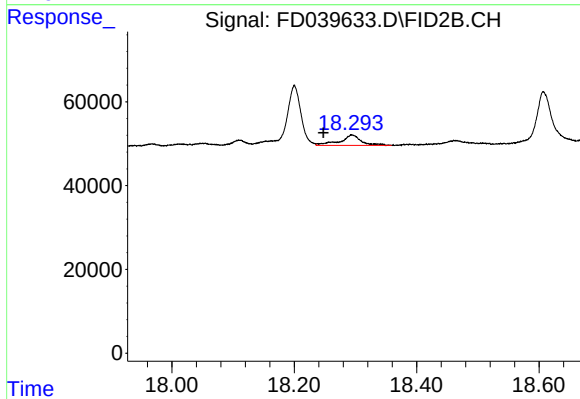
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.894 min
Delta R.T.: 0.054 min
Response: 63682
Conc: 0.66 ug/ml



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

R.T.: 18.200 min
Delta R.T.: -0.010 min
Response: 235915
Conc: 2.53 ug/ml



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

R.T.: 18.294 min
Delta R.T.: 0.047 min
Response: 59185
Conc: 0.58 ug/ml