

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111221AR\
 Data File : FD039430.D
 Signal(s) : FID2B.CH
 Acq On : 12 Nov 2021 19:49
 Operator : AJ\MA
 Sample : M4592-01D
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 12 23:12:07 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...	7.757	14624133	126.041 ug/ml
Spiked Amount 50.000		Recovery =	252.08%
6) S 2-Fluorobiphenyl (SURR)	8.633	8996970	112.222 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	224.44%#
11) S ortho-Terphenyl (SURR)	11.681	11785156	92.398 ug/ml
Spiked Amount 50.000		Recovery =	184.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	114165	0.928 ug/ml
2) T Naphthalene (C11.7)	6.086	1115585	8.607 ug/ml
3) T 2-Methylnaphthalene (...)	7.148	12636502	95.148 ug/ml
5) T Acenaphthylene (C15.06)	8.415	18237764	147.767 ug/ml
7) T Acenaphthene (C15.5)	8.730	10131986	77.675 ug/ml
8) T Fluorene (C16.55)	9.512	8767193	67.708 ug/ml
9) T Phenanthrene (C19.36)	10.922	17259179	133.646 ug/ml
10) T Anthracene (C19.43)	10.989	12521609	97.876 ug/ml
12) T Fluoranthene (C21.85)	12.728	7390867	56.727 ug/ml
13) T Pyrene (C20.8)	13.024	5667740	44.817 ug/ml
14) T Benzo[a]anthracene (C...	14.888	336579	2.846 ug/ml
15) T Chrysene (C27.41)	14.929	464262	3.691 ug/ml
16) T benzo[b]fluoranthene ...	16.441	875214	7.460 ug/ml
17) T Bnezo[k]fluoranthene ...	16.469	285063	2.422 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.819	547306	4.809 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.184	489564	4.573 ug/ml
20) T Dibenz[a,h]anthracene...	18.184	489564	4.592 ug/ml
21) T Benzo[g,h,i]perylene ...	18.437	509220	4.825 ug/ml

(f)=RT Delta > 1/2 Window

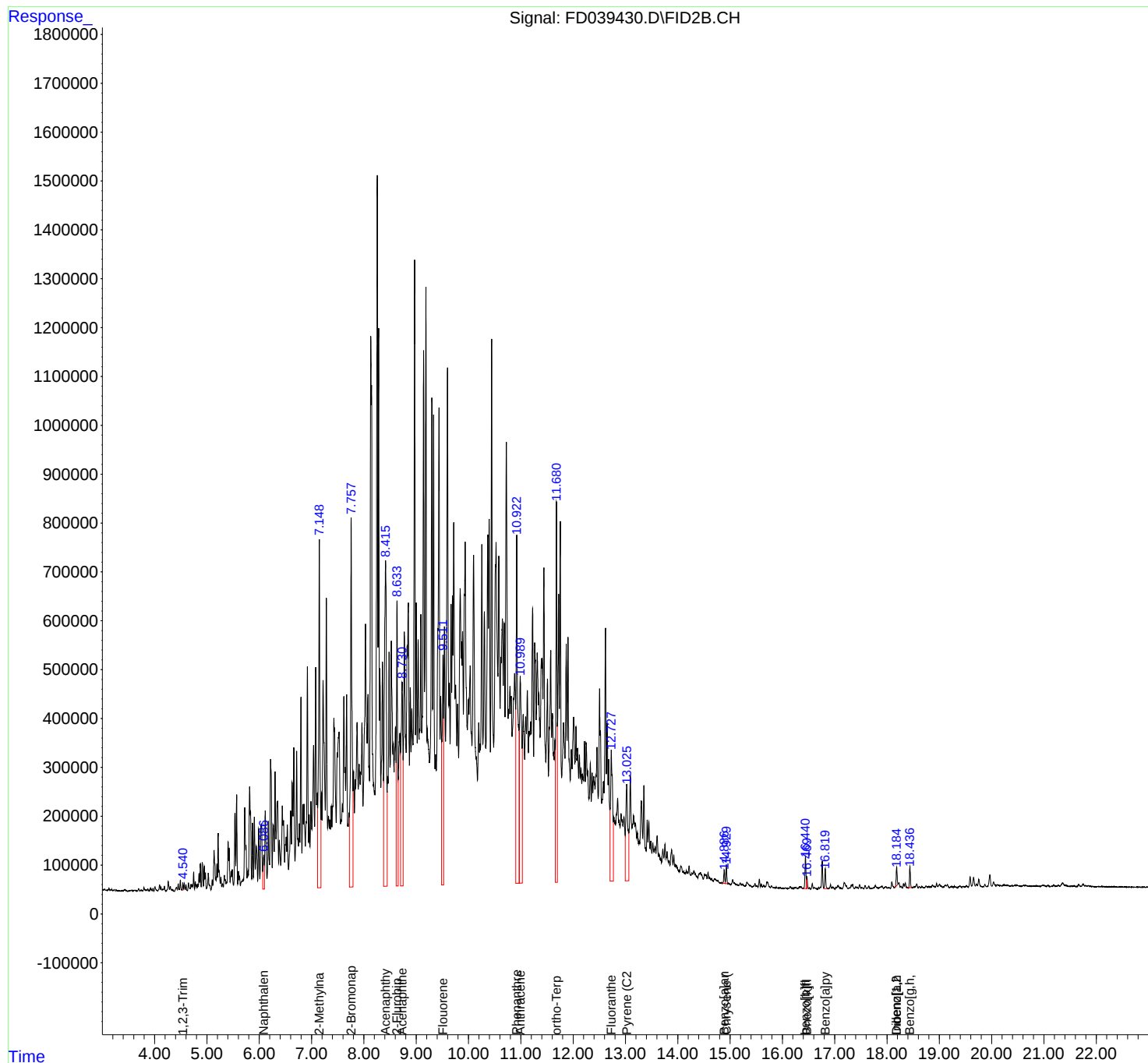
(m)=manual int.

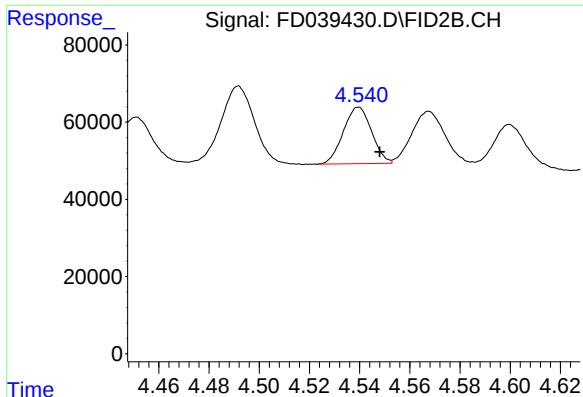
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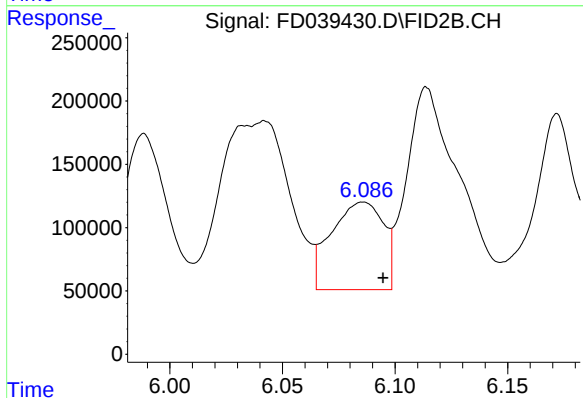




#1 1,2,3-Trimethylbenzene (C10.1)

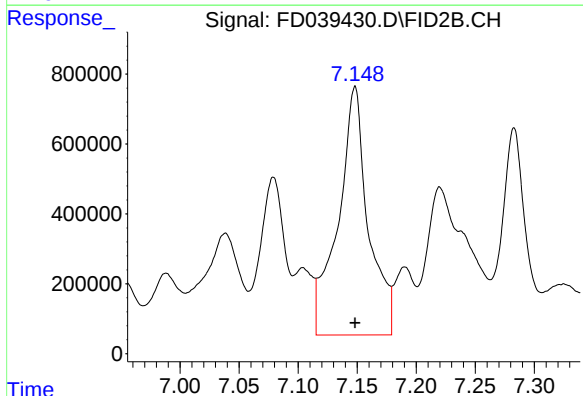
R.T.: 4.540 min
Delta R.T.: -0.008 min
Response: 114165
Conc: 0.93 ug/ml

Instrument :
FID_D
ClientSampleId :



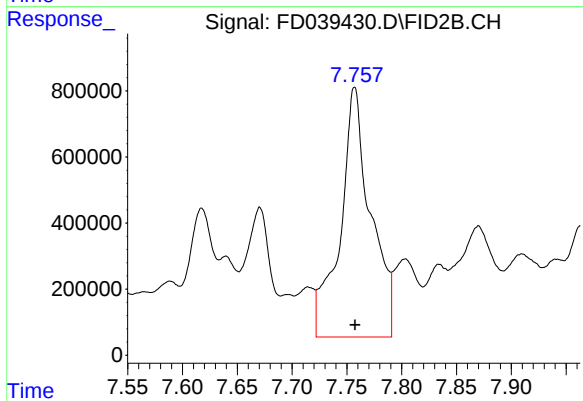
#2 Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.009 min
Response: 1115585
Conc: 8.61 ug/ml



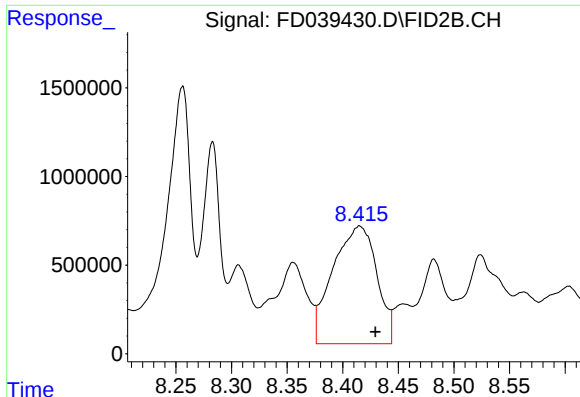
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 12636502
Conc: 95.15 ug/ml



#4 2-Bromonaphthalene (SURR)

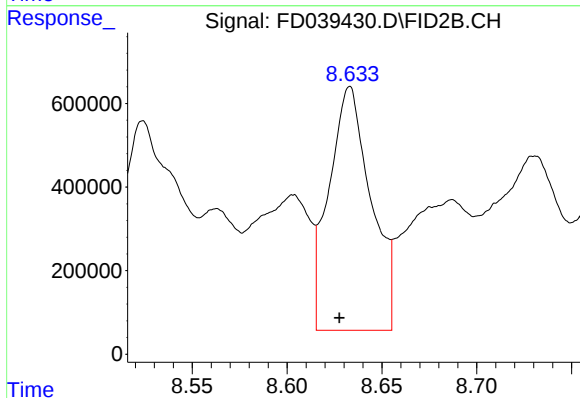
R.T.: 7.757 min
Delta R.T.: 0.000 min
Response: 14624133
Conc: 126.04 ug/ml



#5 Acenaphthylene (C15.06)

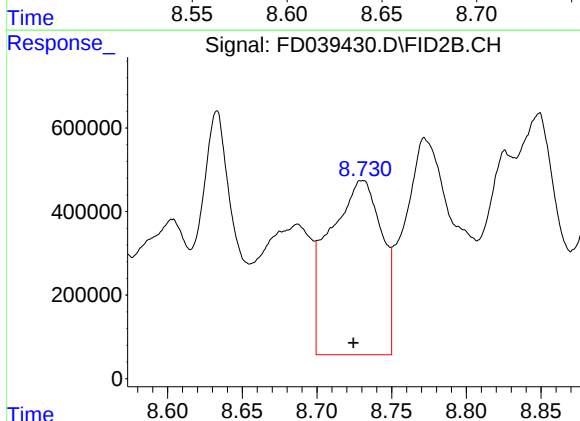
R.T.: 8.415 min
Delta R.T.: -0.014 min
Response: 18237764
Conc: 147.77 ug/ml

Instrument :
FID_D
ClientSampleId :



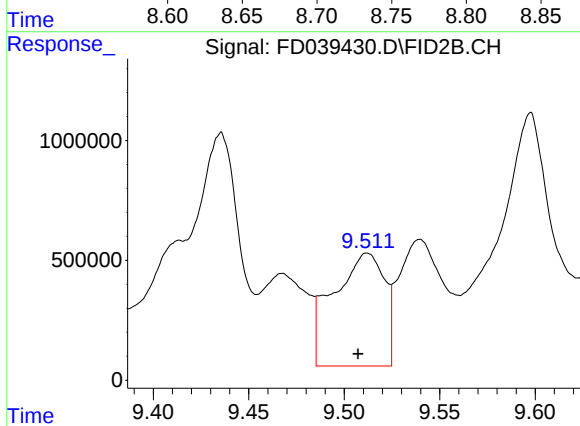
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.633 min
Delta R.T.: 0.006 min
Response: 8996970
Conc: 112.22 ug/ml



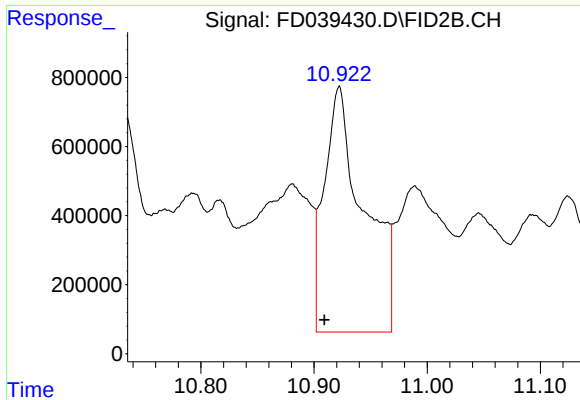
#7 Acenaphthene (C15.5)

R.T.: 8.730 min
Delta R.T.: 0.006 min
Response: 10131986
Conc: 77.67 ug/ml



#8 Flouorene (C16.55)

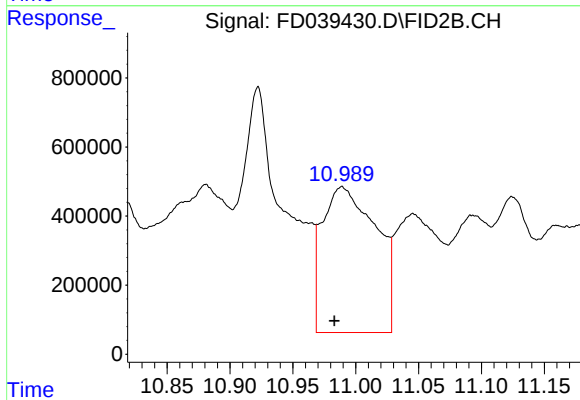
R.T.: 9.512 min
Delta R.T.: 0.005 min
Response: 8767193
Conc: 67.71 ug/ml



#9 Phenanthrene (C19.36)

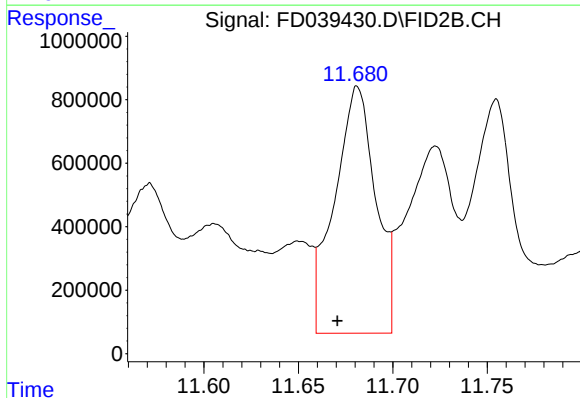
R.T.: 10.922 min
Delta R.T.: 0.013 min
Response: 17259179
Conc: 133.65 ug/ml

Instrument :
FID_D
ClientSampleId :



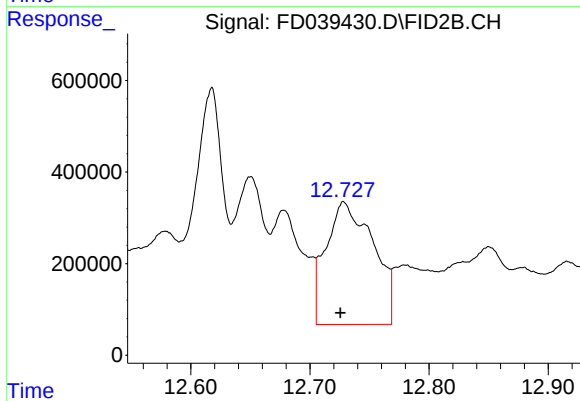
#10 Anthracene (C19.43)

R.T.: 10.989 min
Delta R.T.: 0.006 min
Response: 12521609
Conc: 97.88 ug/ml



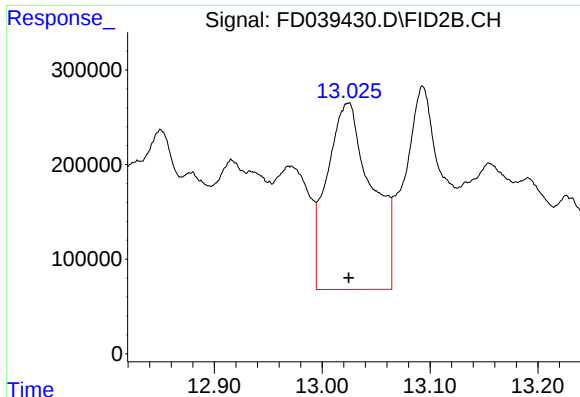
#11 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.011 min
Response: 11785156
Conc: 92.40 ug/ml



#12 Fluoranthene (C21.85)

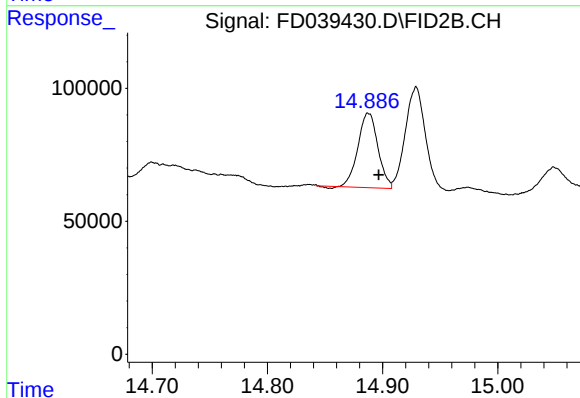
R.T.: 12.728 min
Delta R.T.: 0.003 min
Response: 7390867
Conc: 56.73 ug/ml



#13 Pyrene (C20.8)

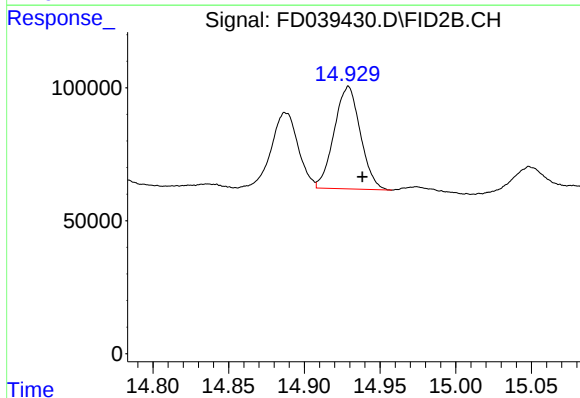
R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 5667740
Conc: 44.82 ug/ml

Instrument :
FID_D
ClientSampleId :



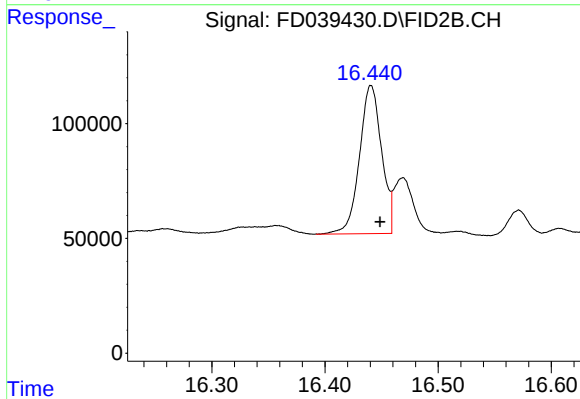
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.888 min
Delta R.T.: -0.009 min
Response: 336579
Conc: 2.85 ug/ml



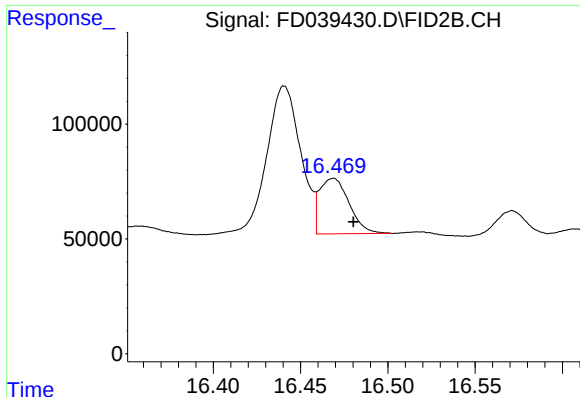
#15 Chrysene (C27.41)

R.T.: 14.929 min
Delta R.T.: -0.009 min
Response: 464262
Conc: 3.69 ug/ml



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

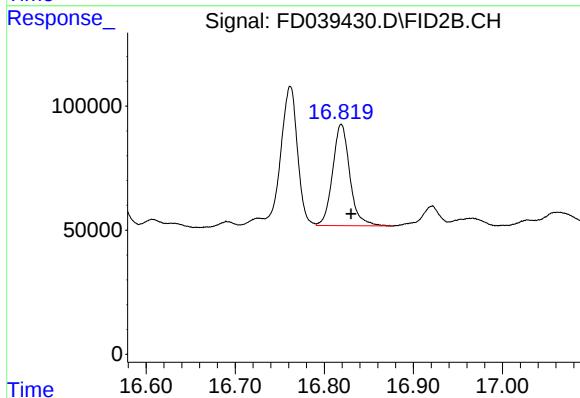
R.T.: 16.441 min
Delta R.T.: -0.008 min
Response: 875214
Conc: 7.46 ug/ml



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

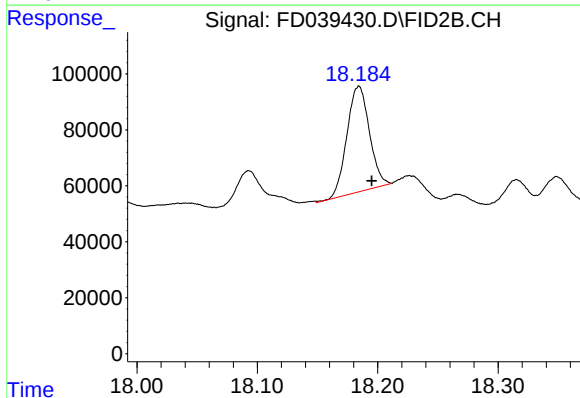
R.T.: 16.469 min
Delta R.T.: -0.011 min
Response: 285063
Conc: 2.42 ug/ml

Instrument :
FID_D
ClientSampleId :



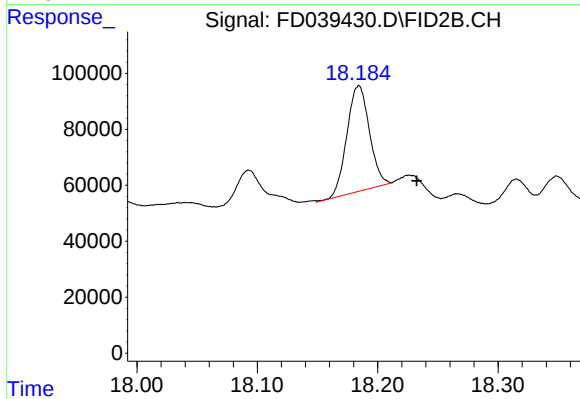
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.819 min
Delta R.T.: -0.011 min
Response: 547306
Conc: 4.81 ug/ml



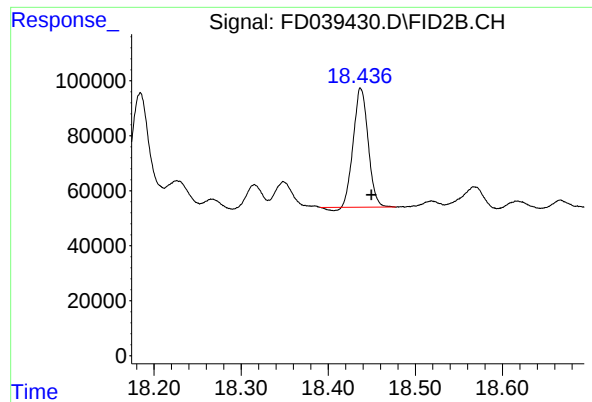
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.184 min
Delta R.T.: -0.011 min
Response: 489564
Conc: 4.57 ug/ml



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

R.T.: 18.184 min
Delta R.T.: -0.048 min
Response: 489564
Conc: 4.59 ug/ml



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

R.T.: 18.437 min
Delta R.T.: -0.012 min
Response: 509220
Conc: 4.83 ug/ml

Instrument :

FID_D

ClientSampleId :