

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
 Data File : FD033470.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2020 15:08
 Operator : DD\AJ
 Sample : L2182-08
 Misc : LOD-WATER-5 PPM
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Integration File: autoint1.e
 Quant Time: May 13 04:10:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 2020
 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...	7.585	5296814	48.164 ug/ml
Spiked Amount 50.000		Recovery =	96.33%
6) S 2-Fluorobiphenyl (SURR)	8.447	3692319	49.726 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.45%
11) S ortho-Terphenyl (SURR)	11.479	5756826	44.611 ug/ml
Spiked Amount 50.000		Recovery =	89.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	427243	3.754 ug/ml
2) T Naphthalene (C11.7)	5.930	445464	3.779 ug/ml
3) T 2-Methylnaphthalene (...)	6.978	458923	3.854 ug/ml
5) T Acenaphthylene (C15.06)	8.249	496187	4.110 ug/ml
7) T Acenaphthene (C15.5)	8.543	549233	4.351 ug/ml
8) T Fluorene (C16.55)	9.324	480343	3.922 ug/ml
9) T Phenanthrene (C19.36)	10.718	506202	4.004 ug/ml
10) T Anthracene (C19.43)	10.794	484507	3.982 ug/ml
12) T Fluoranthene (C21.85)	12.527	535933	4.136 ug/ml
13) T Pyrene (C20.8)	12.823	519160	4.019 ug/ml
14) T Benzo[a]anthracene (C...	14.736	682091	5.584 ug/ml
15) T Chrysene (C27.41)	14.736	682091	5.297 ug/ml
16) T benzo[b]fluoranthene ...	16.277	558981	4.493 ug/ml
17) T Bnezo[k]fluoranthene ...	16.277	558981	4.341 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	451949	3.659 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	551691	4.651 ug/ml
20) T Dibenz[a,h]anthracene...	18.034	551691	4.462 ug/ml
21) T Benzo[g,h,i]perylene ...	18.249	491810	4.076 ug/ml

(f)=RT Delta > 1/2 Window

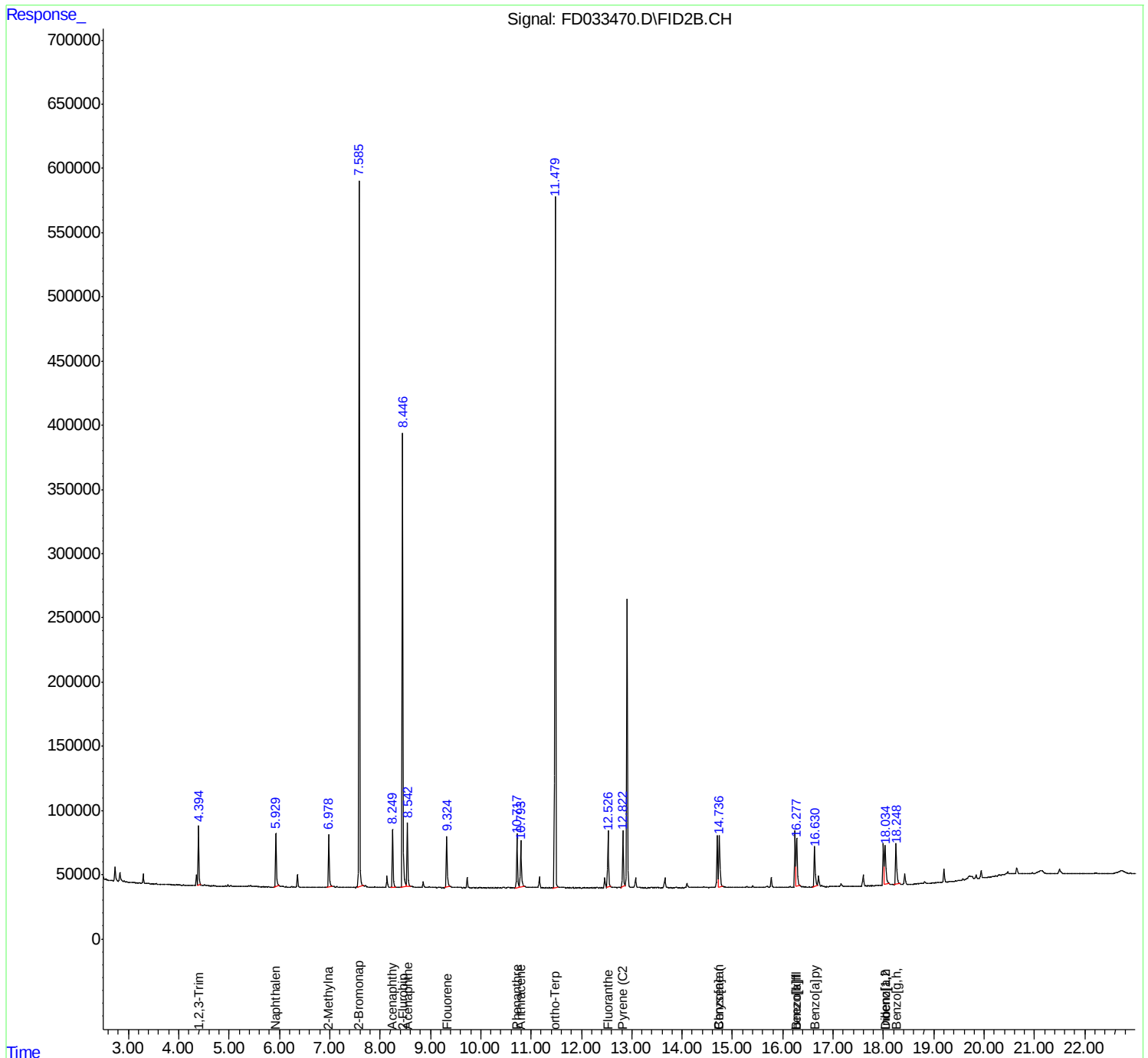
(m)=manual int.

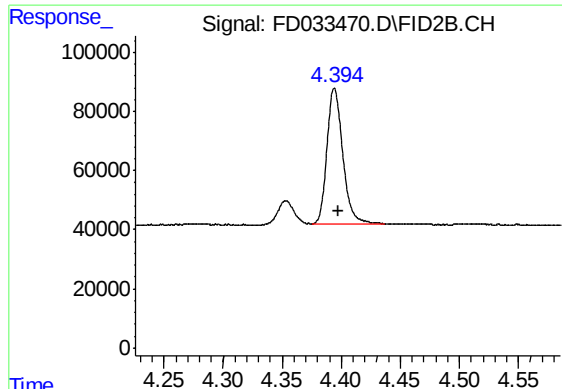
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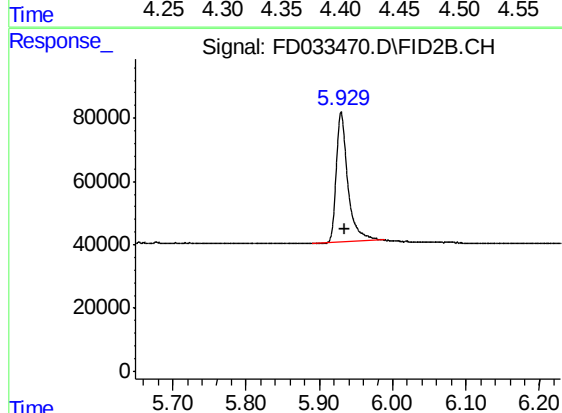




#1 1,2,3-Trimethylbenzene (C10.1)

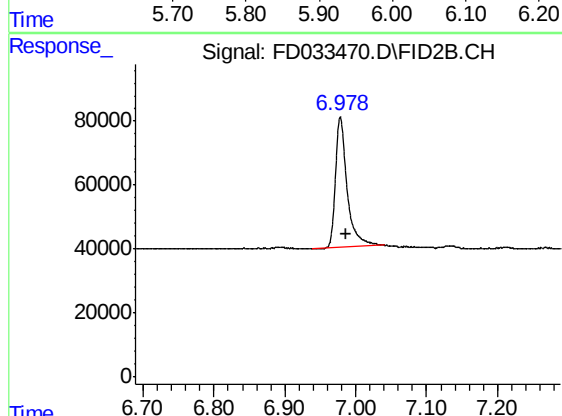
R.T.: 4.394 min
Delta R.T.: -0.003 min
Response: 427243
Conc: 3.75 ug/ml

Instrument :
FID_D
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LOQ-WATER-02-QT2-2020



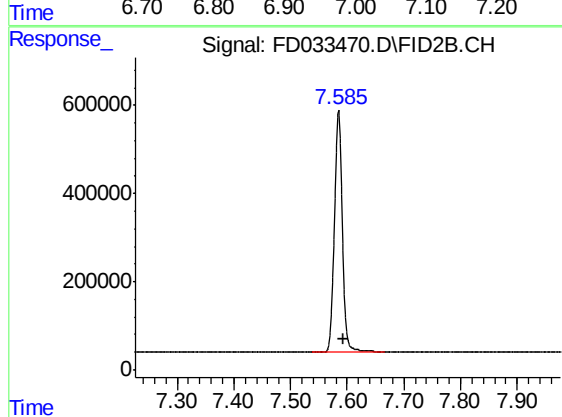
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.005 min
Response: 445464
Conc: 3.78 ug/ml



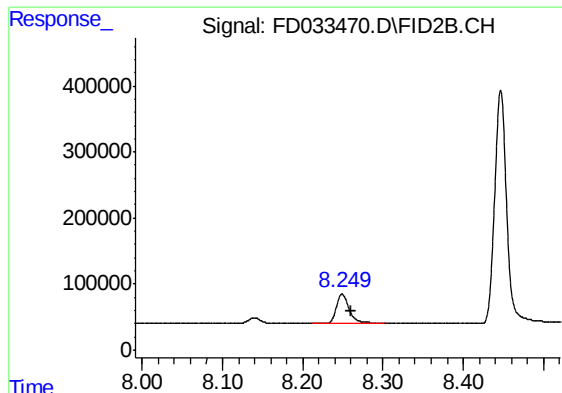
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.008 min
Response: 458923
Conc: 3.85 ug/ml



#4 2-Bromonaphthalene (SURR)

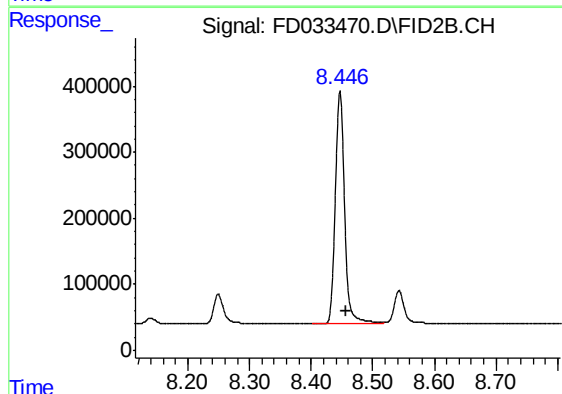
R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 5296814
Conc: 48.16 ug/ml



#5 Acenaphthylene (C15.06)

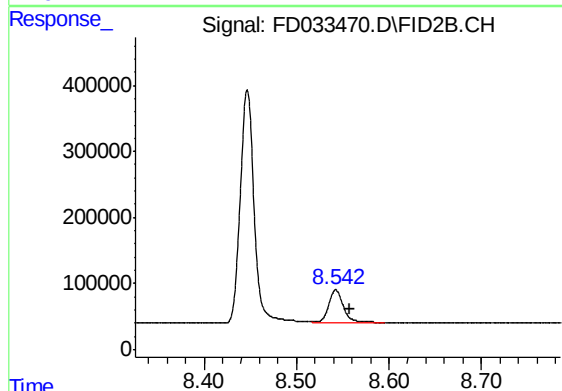
R.T.: 8.249 min
Delta R.T.: -0.011 min
Response: 496187
Conc: 4.11 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT2-2020



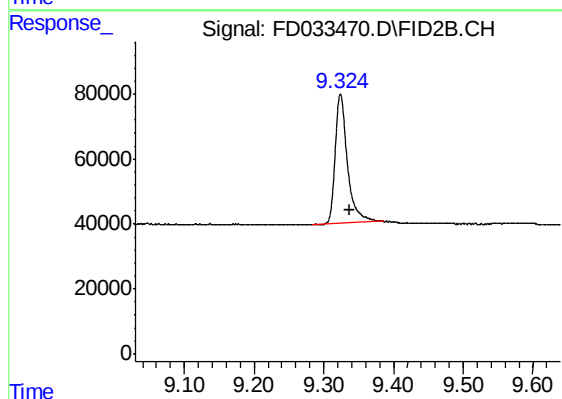
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: -0.010 min
Response: 3692319
Conc: 49.73 ug/ml



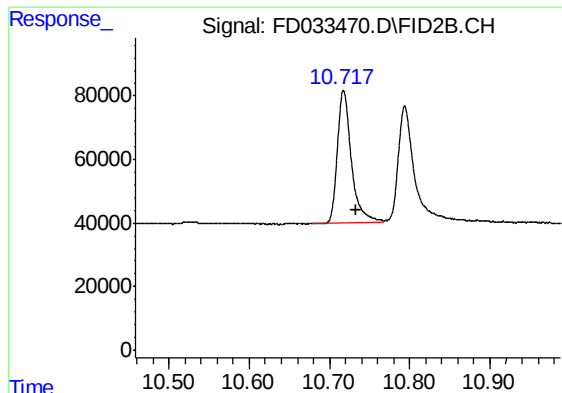
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.015 min
Response: 549233
Conc: 4.35 ug/ml



#8 Flouorene (C16.55)

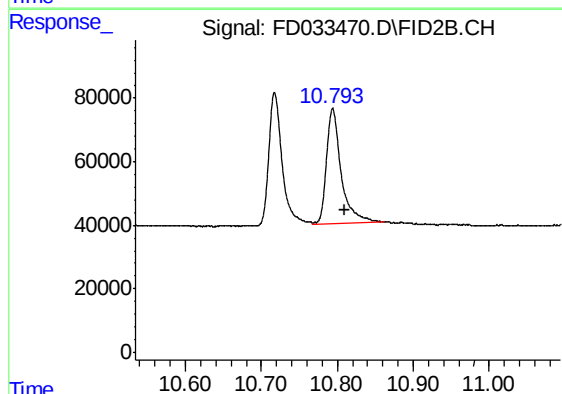
R.T.: 9.324 min
Delta R.T.: -0.013 min
Response: 480343
Conc: 3.92 ug/ml



#9 Phenanthrene (C19.36)

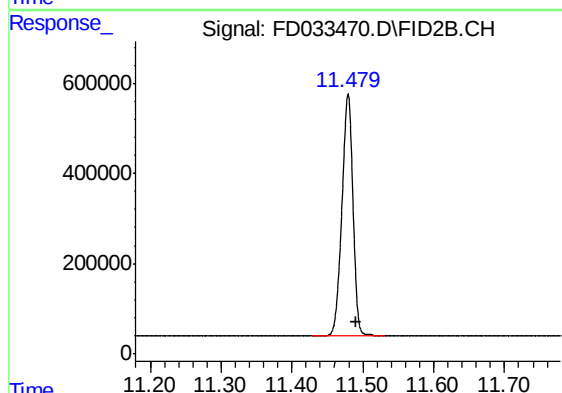
R.T.: 10.718 min
Delta R.T.: -0.015 min
Response: 506202
Conc: 4.00 ug/ml

Instrument :
FID_D
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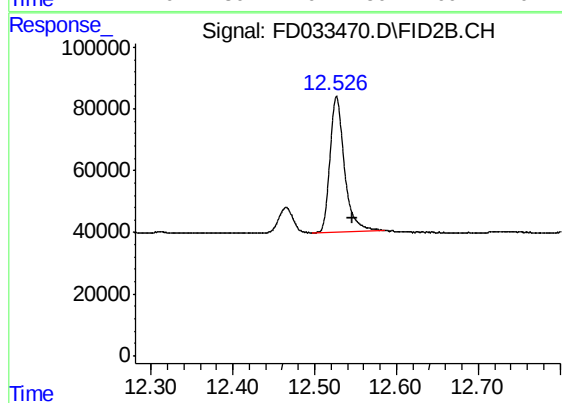
#10 Anthracene (C19.43)

R.T.: 10.794 min
Delta R.T.: -0.016 min
Response: 484507
Conc: 3.98 ug/ml



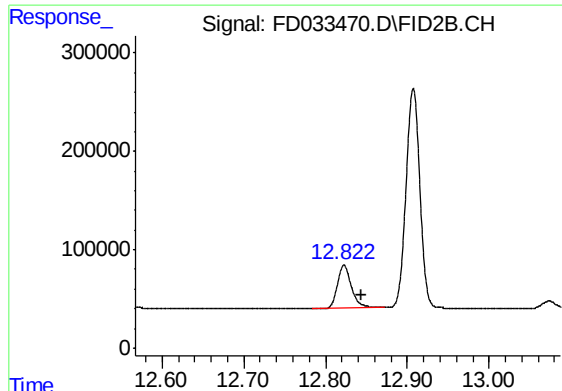
#11 ortho-Terphenyl (SURRE)

R.T.: 11.479 min
Delta R.T.: -0.012 min
Response: 5756826
Conc: 44.61 ug/ml



#12 Fluoranthene (C21.85)

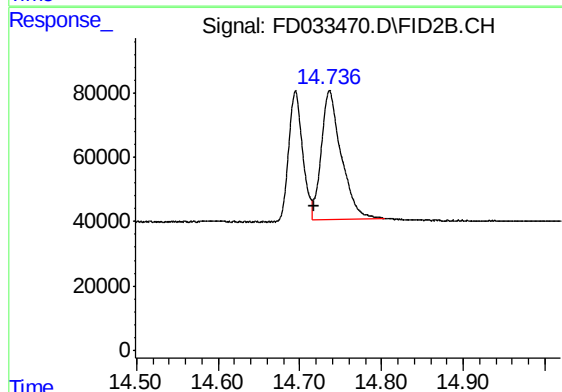
R.T.: 12.527 min
Delta R.T.: -0.020 min
Response: 535933
Conc: 4.14 ug/ml



#13 Pyrene (C20.8)

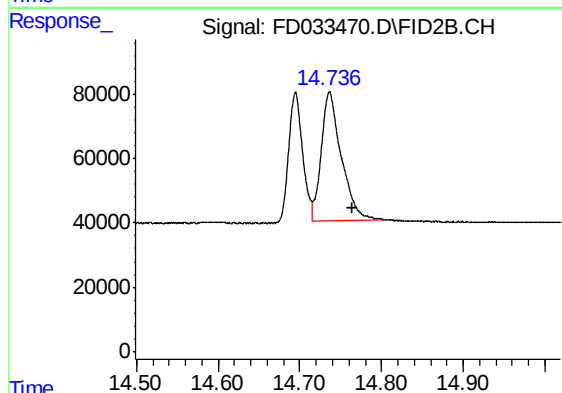
R.T.: 12.823 min
Delta R.T.: -0.022 min
Response: 519160
Conc: 4.02 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT2-2020



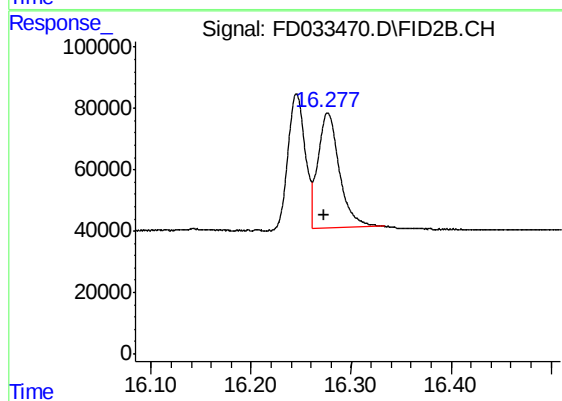
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: 0.019 min
Response: 682091
Conc: 5.58 ug/ml



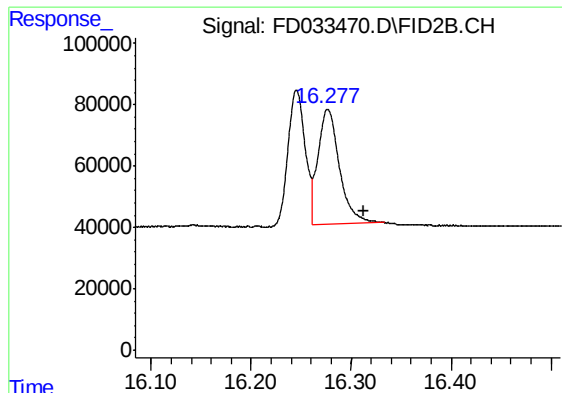
#15 Chrysene (C27.41)

R.T.: 14.736 min
Delta R.T.: -0.028 min
Response: 682091
Conc: 5.30 ug/ml



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

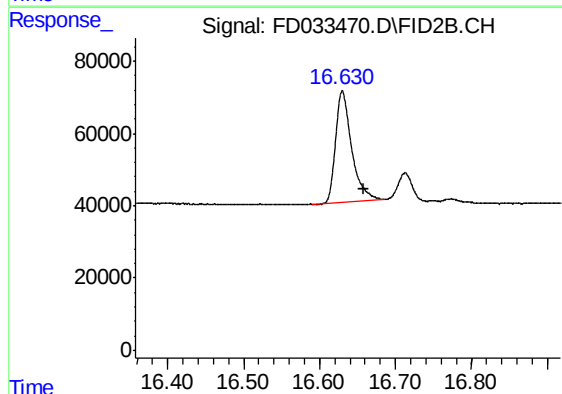
R.T.: 16.277 min
Delta R.T.: 0.004 min
Response: 558981
Conc: 4.49 ug/ml



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

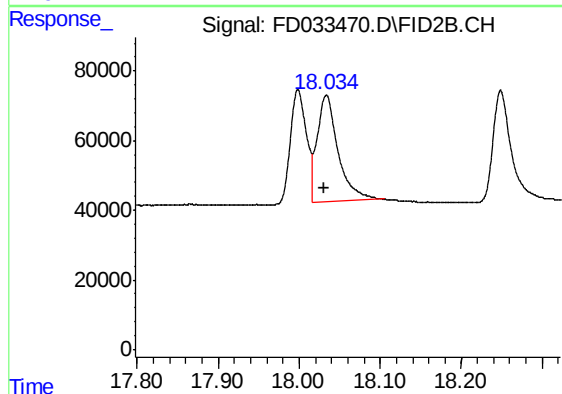
R.T.: 16.277 min
Delta R.T.: -0.036 min
Response: 558981
Conc: 4.34 ug/ml

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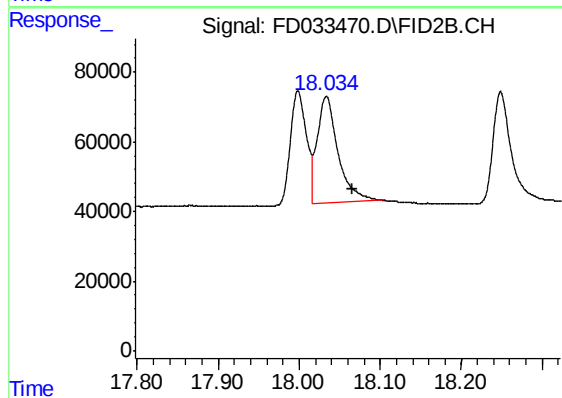
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: -0.028 min
Response: 451949
Conc: 3.66 ug/ml



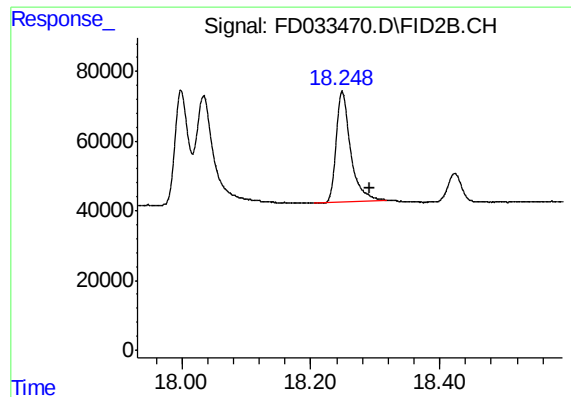
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: 0.002 min
Response: 551691
Conc: 4.65 ug/ml



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

R.T.: 18.034 min
Delta R.T.: -0.032 min
Response: 551691
Conc: 4.46 ug/ml



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

R.T.: 18.249 min
Delta R.T.: -0.042 min
Response: 491810
Conc: 4.08 ug/ml

Instrument :
FID_D
ClientSampleId :
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