

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
 Data File : FD033469.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2020 14:31
 Operator : DD\AJ
 Sample : L2182-07
 Misc : LOD-WATER-4 PPM
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Integration File: autoint1.e
 Quant Time: May 13 04:09:42 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	4961284	45.113 ug/ml
Spiked Amount 50.000		Recovery =	90.23%
6) S 2-Fluorobiphenyl (SURR)	8.447	3383340	45.564 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.13%
11) S ortho-Terphenyl (SURR)	11.479	5233455	40.556 ug/ml
Spiked Amount 50.000		Recovery =	81.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	324161	2.848 ug/ml
2) T Naphthalene (C11.7)	5.930	339808	2.883 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	347323	2.916 ug/ml
5) T Acenaphthylene (C15.06)	8.250	380900	3.155 ug/ml
7) T Acenaphthene (C15.5)	8.542	416716	3.301 ug/ml
8) T Flouorene (C16.55)	9.324	388279	3.171 ug/ml
9) T Phenanthrene (C19.36)	10.718	361385	2.859 ug/ml
10) T Anthracene (C19.43)	10.794	345133	2.837 ug/ml
12) T Fluoranthene (C21.85)	12.527	406479	3.137 ug/ml
13) T Pyrene (C20.8)	12.823	390517	3.023 ug/ml
14) T Benzo[a]anthracene (C...	14.737	522917	4.281 ug/ml
15) T Chrysene (C27.41)	14.737	522917	4.061 ug/ml
16) T benzo[b]fluoranthene ...	16.278	424759	3.414 ug/ml
17) T Bnezo[k]fluoranthene ...	16.278	424759	3.299 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.631	336800	2.727 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	403136	3.398 ug/ml
20) T Dibenz[a,h]anthracene...	18.035	403136	3.261 ug/ml
21) T Benzo[g,h,i]perylene ...	18.250	369391	3.061 ug/ml

(f)=RT Delta > 1/2 Window

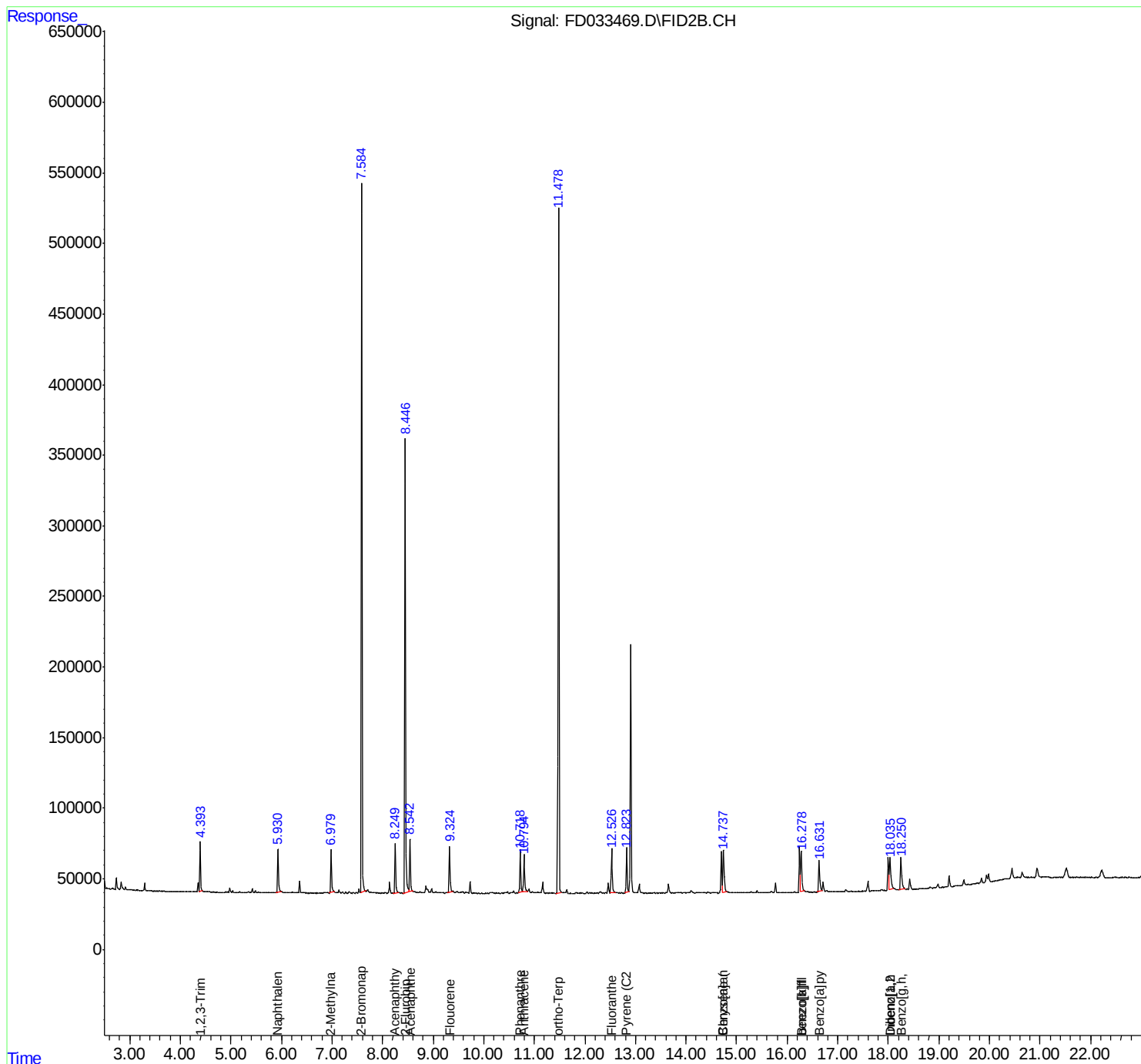
(m)=manual int.

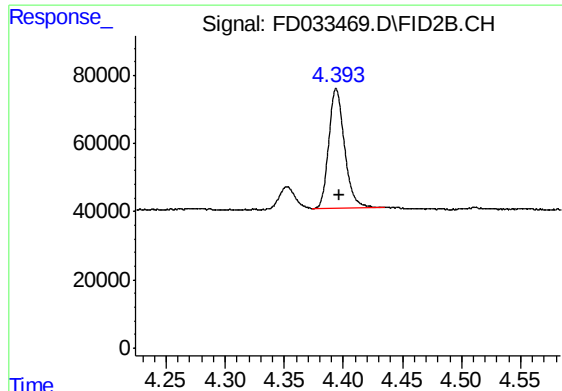
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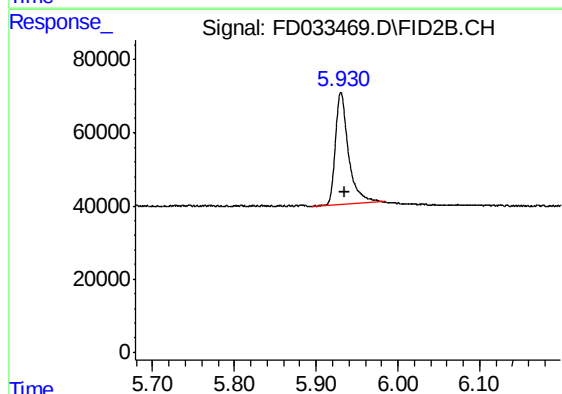




#1 1,2,3-Trimethylbenzene (C10.1)

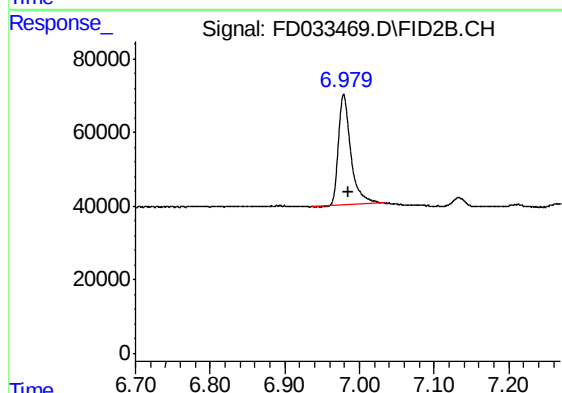
R.T.: 4.394 min
Delta R.T.: -0.003 min
Response: 324161
Conc: 2.85 ug/ml

Instrument :
FID_D
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LOD-MDL-WATER-01-QT2-2020



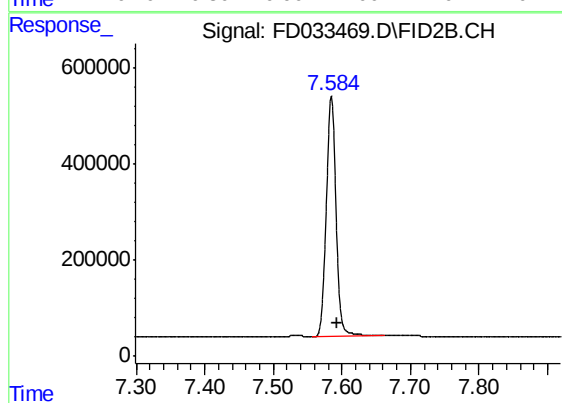
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.004 min
Response: 339808
Conc: 2.88 ug/ml



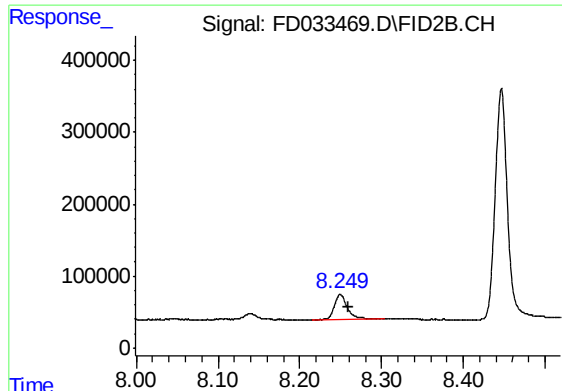
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.007 min
Response: 347323
Conc: 2.92 ug/ml



#4 2-Bromonaphthalene (SURR)

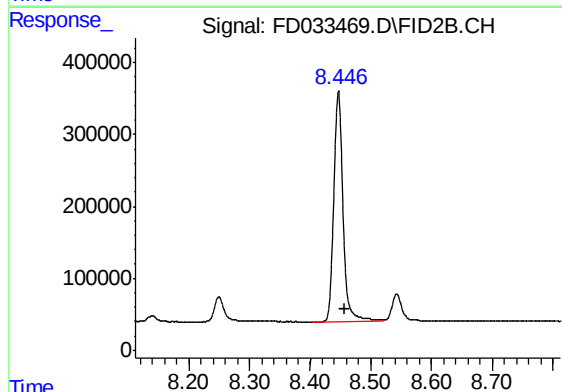
R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 4961284
Conc: 45.11 ug/ml



#5 Acenaphthylene (C15.06)

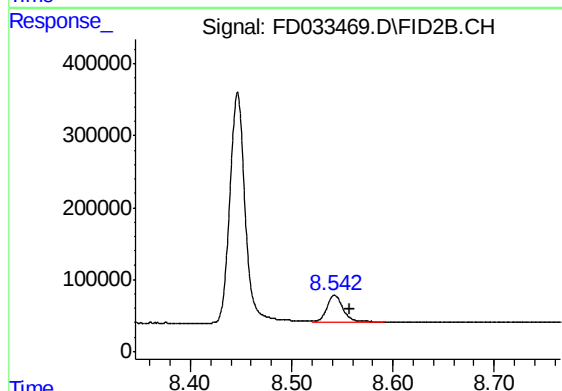
R.T.: 8.250 min
Delta R.T.: -0.011 min
Response: 380900
Conc: 3.16 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020



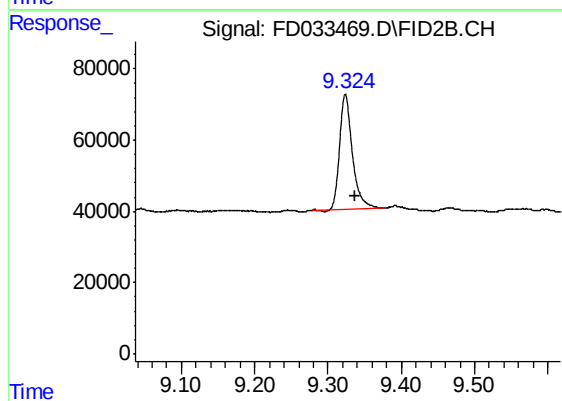
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: -0.011 min
Response: 3383340
Conc: 45.56 ug/ml



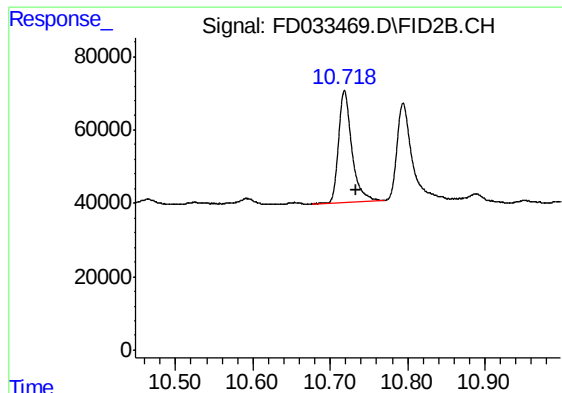
#7 Acenaphthene (C15.5)

R.T.: 8.542 min
Delta R.T.: -0.015 min
Response: 416716
Conc: 3.30 ug/ml



#8 Flouorene (C16.55)

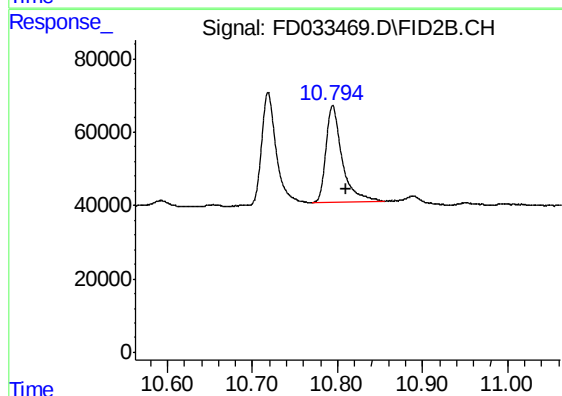
R.T.: 9.324 min
Delta R.T.: -0.013 min
Response: 388279
Conc: 3.17 ug/ml



#9 Phenanthrene (C19.36)

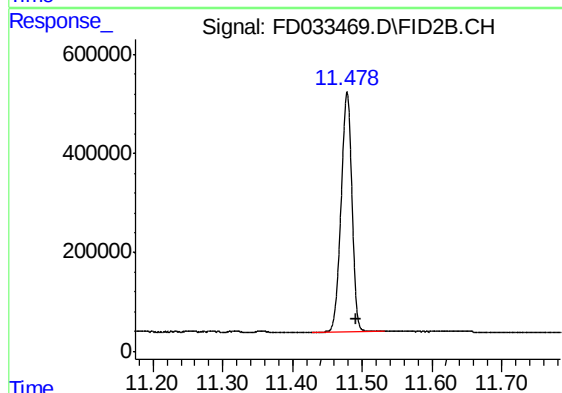
R.T.: 10.718 min
Delta R.T.: -0.015 min
Response: 361385
Conc: 2.86 ug/ml

Instrument :
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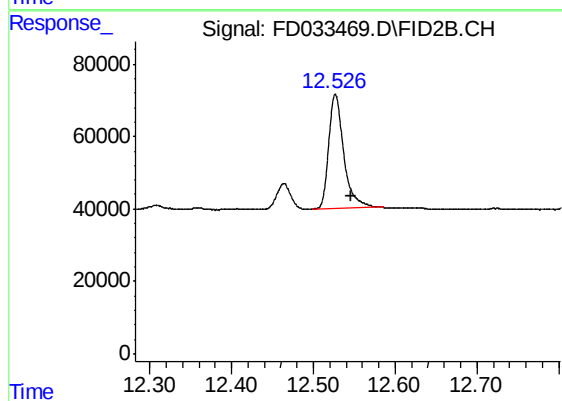
#10 Anthracene (C19.43)

R.T.: 10.794 min
Delta R.T.: -0.016 min
Response: 345133
Conc: 2.84 ug/ml



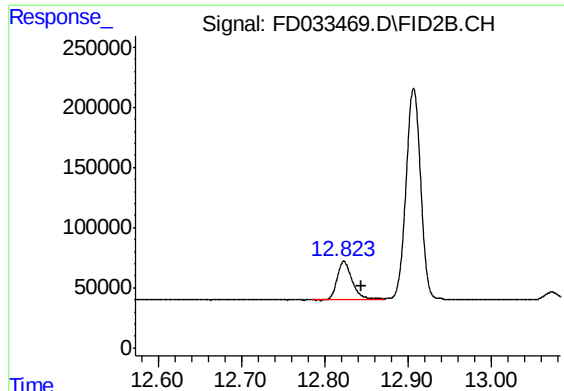
#11 ortho-Terphenyl (SURRE)

R.T.: 11.479 min
Delta R.T.: -0.012 min
Response: 5233455
Conc: 40.56 ug/ml



#12 Fluoranthene (C21.85)

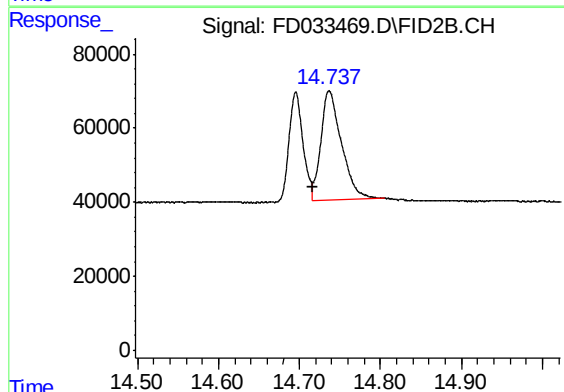
R.T.: 12.527 min
Delta R.T.: -0.020 min
Response: 406479
Conc: 3.14 ug/ml



#13 Pyrene (C20.8)

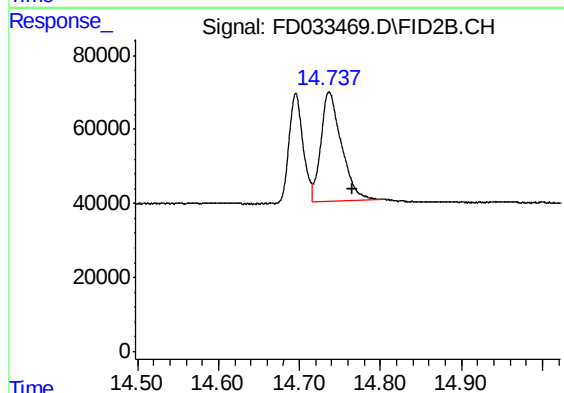
R.T.: 12.823 min
Delta R.T.: -0.021 min
Response: 390517
Conc: 3.02 ug/ml

Instrument :
FID_D
ClientSampleId :
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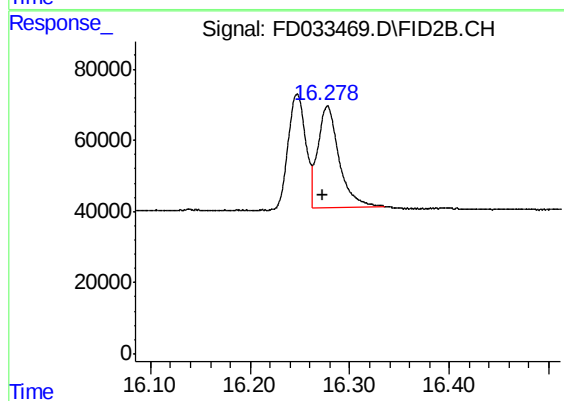
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.737 min
Delta R.T.: 0.020 min
Response: 522917
Conc: 4.28 ug/ml



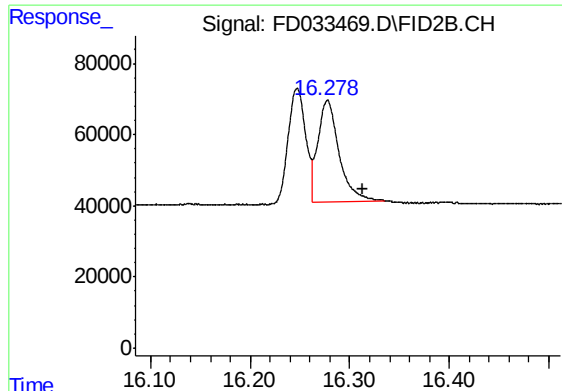
#15 Chrysene (C27.41)

R.T.: 14.737 min
Delta R.T.: -0.028 min
Response: 522917
Conc: 4.06 ug/ml



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

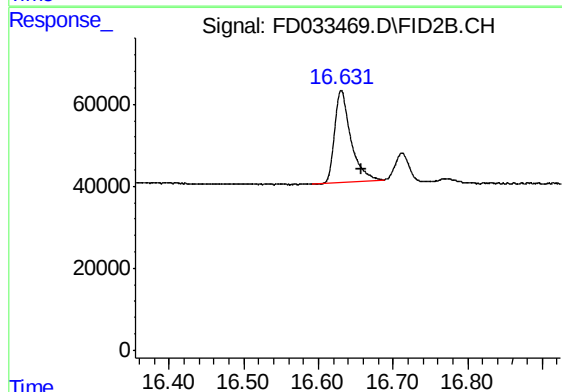
R.T.: 16.278 min
Delta R.T.: 0.005 min
Response: 424759
Conc: 3.41 ug/ml



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

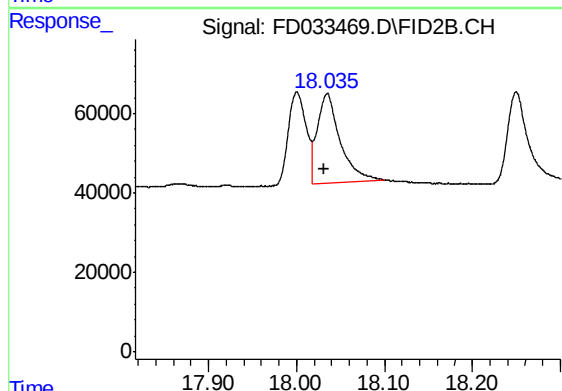
R.T.: 16.278 min
Delta R.T.: -0.035 min
Response: 424759
Conc: 3.30 ug/ml

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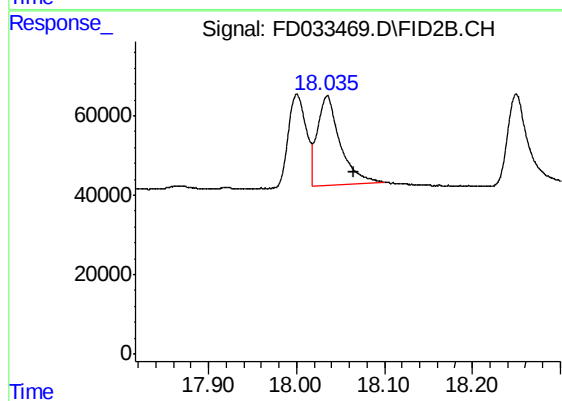
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.631 min
Delta R.T.: -0.028 min
Response: 336800
Conc: 2.73 ug/ml



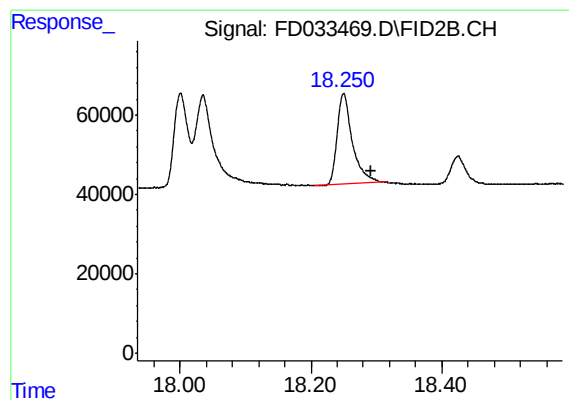
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: 0.004 min
Response: 403136
Conc: 3.40 ug/ml



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

R.T.: 18.035 min
Delta R.T.: -0.031 min
Response: 403136
Conc: 3.26 ug/ml



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

R.T.: 18.250 min
Delta R.T.: -0.041 min
Response: 369391
Conc: 3.06 ug/ml

Instrument :
FID_D
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