

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
 Data File : FD033465.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2020 12:03
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-SOIL- 4 PPM
 ALS Vial : 57 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: May 13 04:08:37 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	4120652	37.469 ug/ml
Spiked Amount 50.000		Recovery =	74.94%
6) S 2-Fluorobiphenyl (SURR)	8.447	2862873	38.555 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	77.11%
11) S ortho-Terphenyl (SURR)	11.478	4243857	32.887 ug/ml
Spiked Amount 50.000		Recovery =	65.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	238680	2.097 ug/ml
2) T Naphthalene (C11.7)	5.932	237751	2.017 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	231862	1.947 ug/ml
5) T Acenaphthylene (C15.06)	8.251	284374	2.356 ug/ml
7) T Acenaphthene (C15.5)	8.543	323459	2.563 ug/ml
8) T Flouorene (C16.55)	9.326	259032	2.115 ug/ml
9) T Phenanthrene (C19.36)	10.720	275826	2.182 ug/ml
10) T Anthracene (C19.43)	10.796	252105	2.072 ug/ml
12) T Fluoranthene (C21.85)	12.528	295364	2.280 ug/ml
13) T Pyrene (C20.8)	12.823	299397	2.318 ug/ml
14) T Benzo[a]anthracene (C...	14.697	256515	2.100 ug/ml
15) T Chrysene (C27.41)	14.738	364992	2.834 ug/ml
16) T benzo[b]fluoranthene ...	16.279	319425	2.567 ug/ml
17) T Bnezo[k]fluoranthene ...	16.279	319425	2.481 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.633	249999	2.024 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	298960	2.520 ug/ml
20) T Dibenz[a,h]anthracene...	18.038	298960	2.418 ug/ml
21) T Benzo[g,h,i]perylene ...	18.251	268422	2.225 ug/ml

(f)=RT Delta > 1/2 Window

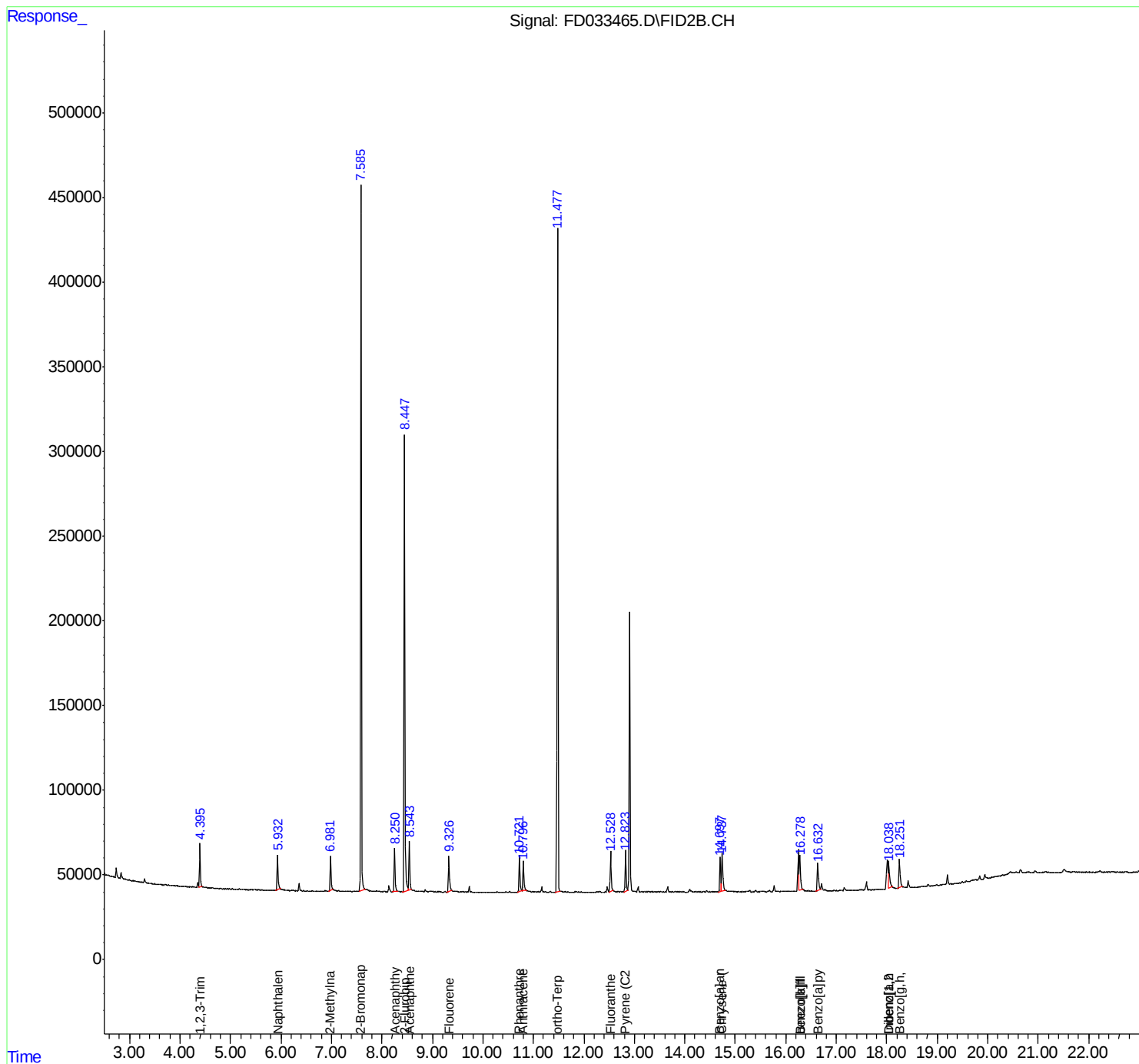
(m)=manual int.

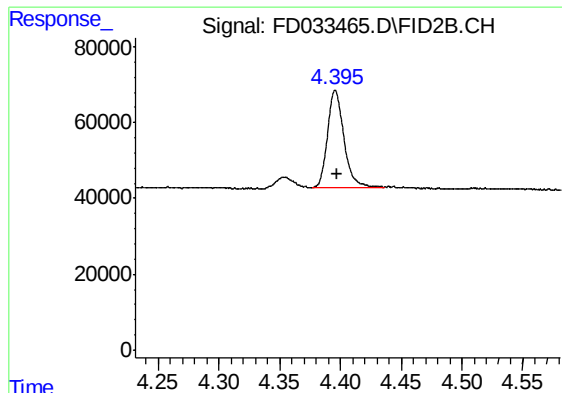
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
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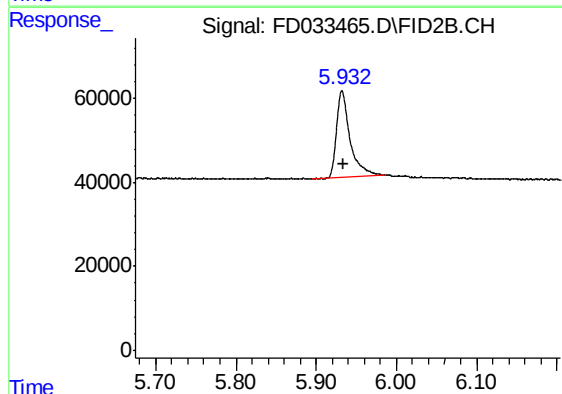




#1 1,2,3-Trimethylbenzene (C10.1)

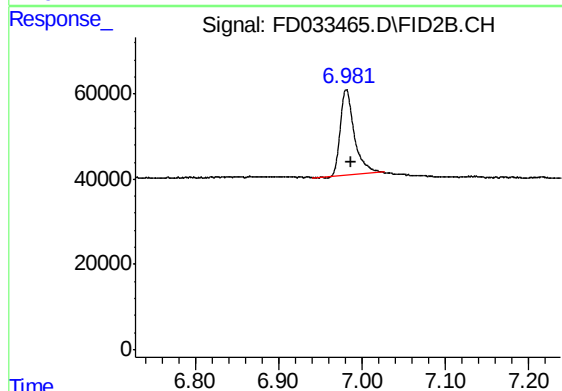
R.T.: 4.396 min
Delta R.T.: -0.001 min
Response: 238680
Conc: 2.10 ug/ml

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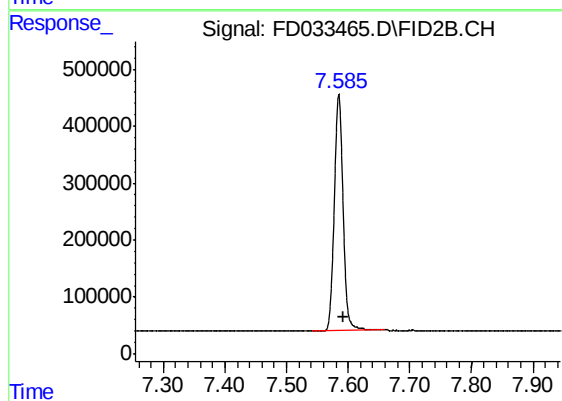
#2 Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 237751
Conc: 2.02 ug/ml



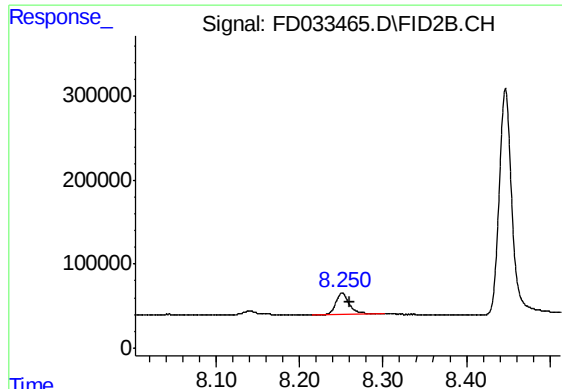
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: -0.005 min
Response: 231862
Conc: 1.95 ug/ml



#4 2-Bromonaphthalene (SURR)

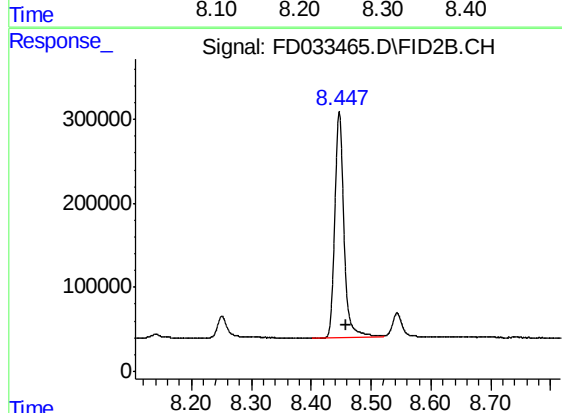
R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 4120652
Conc: 37.47 ug/ml



#5 Acenaphthylene (C15.06)

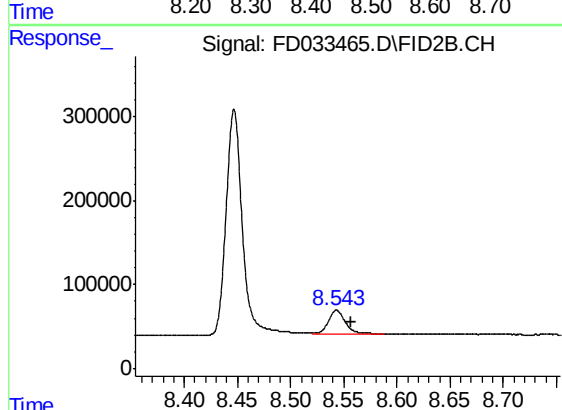
R.T.: 8.251 min
Delta R.T.: -0.010 min
Response: 284374
Conc: 2.36 ug/ml

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



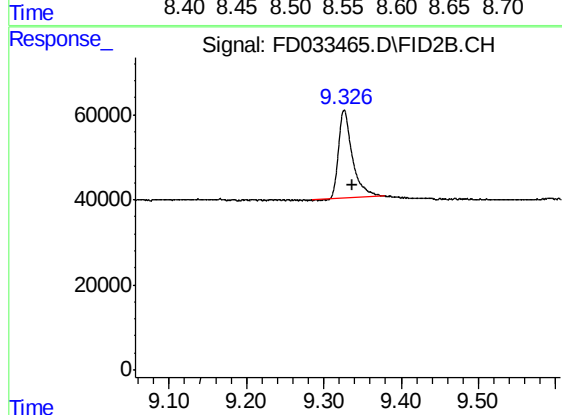
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.447 min
Delta R.T.: -0.010 min
Response: 2862873
Conc: 38.56 ug/ml



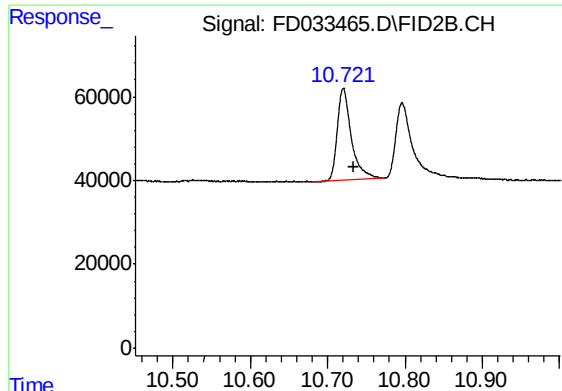
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.014 min
Response: 323459
Conc: 2.56 ug/ml



#8 Fluorene (C16.55)

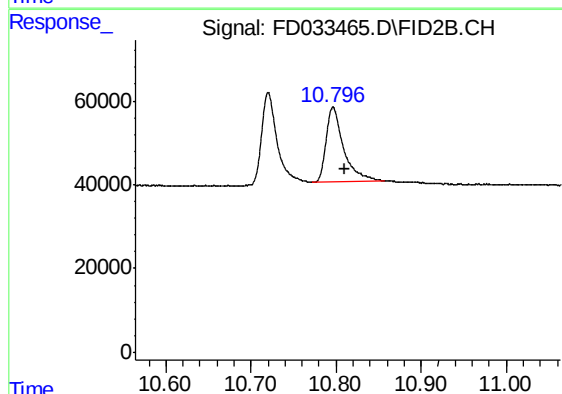
R.T.: 9.326 min
Delta R.T.: -0.011 min
Response: 259032
Conc: 2.12 ug/ml



#9 Phenanthrene (C19.36)

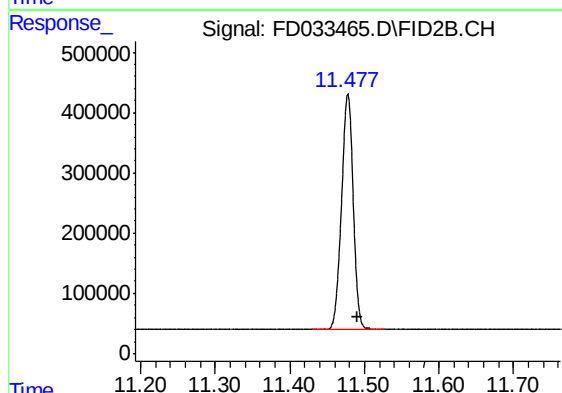
R.T.: 10.720 min
Delta R.T.: -0.013 min
Response: 275826
Conc: 2.18 ug/ml

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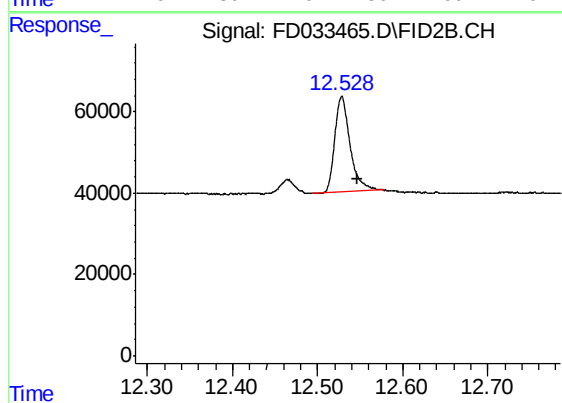
#10 Anthracene (C19.43)

R.T.: 10.796 min
Delta R.T.: -0.014 min
Response: 252105
Conc: 2.07 ug/ml



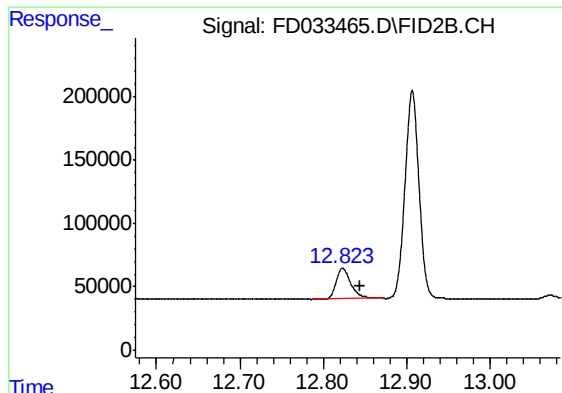
#11 ortho-Terphenyl (SURRE)

R.T.: 11.478 min
Delta R.T.: -0.013 min
Response: 4243857
Conc: 32.89 ug/ml



#12 Fluoranthene (C21.85)

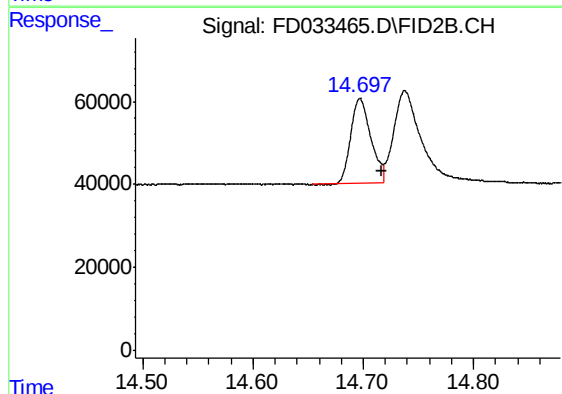
R.T.: 12.528 min
Delta R.T.: -0.018 min
Response: 295364
Conc: 2.28 ug/ml



#13 Pyrene (C20.8)

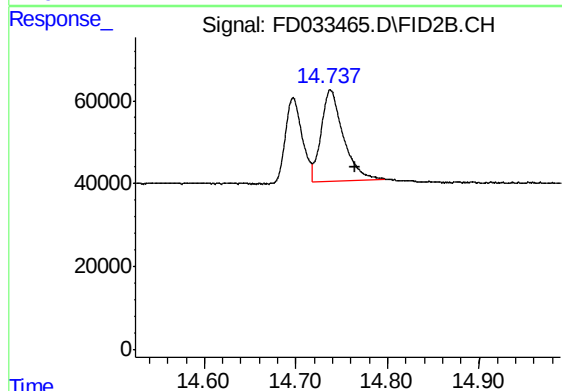
R.T.: 12.823 min
Delta R.T.: -0.021 min
Response: 299397
Conc: 2.32 ug/ml

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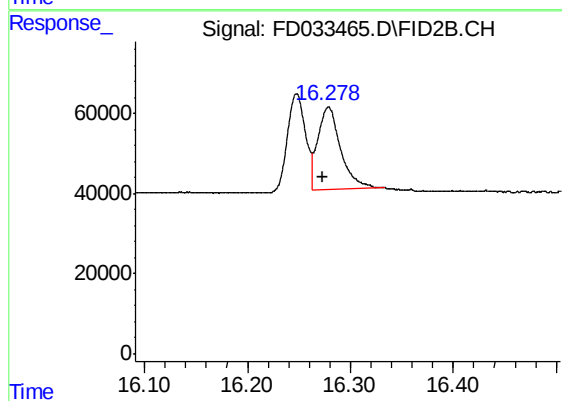
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.697 min
Delta R.T.: -0.020 min
Response: 256515
Conc: 2.10 ug/ml



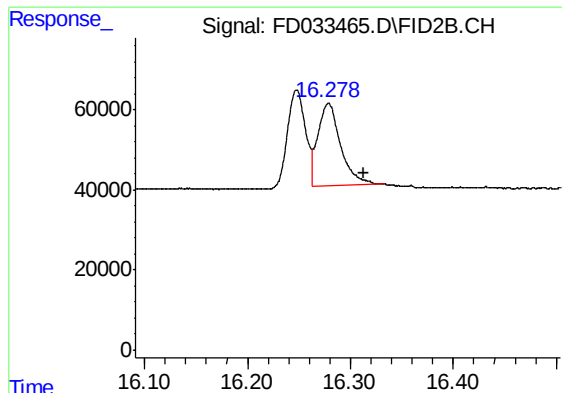
#15 Chrysene (C27.41)

R.T.: 14.738 min
Delta R.T.: -0.027 min
Response: 364992
Conc: 2.83 ug/ml



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

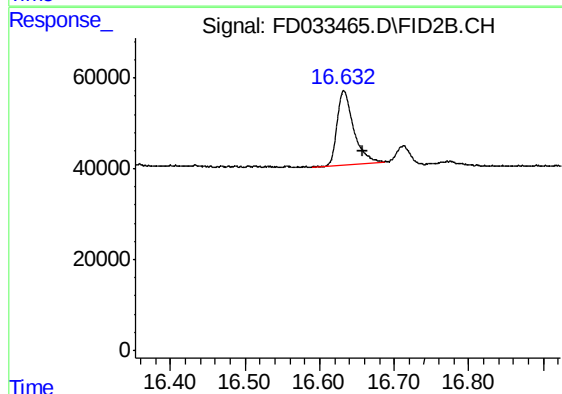
R.T.: 16.279 min
Delta R.T.: 0.006 min
Response: 319425
Conc: 2.57 ug/ml



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

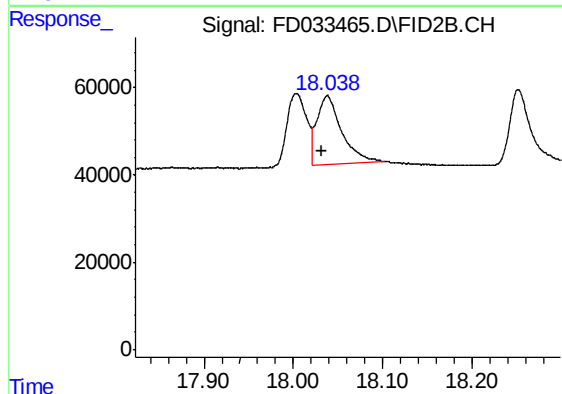
R.T.: 16.279 min
Delta R.T.: -0.034 min
Response: 319425
Conc: 2.48 ug/ml

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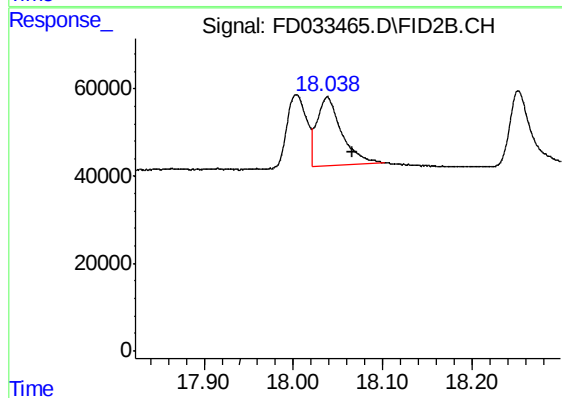
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.633 min
Delta R.T.: -0.026 min
Response: 249999
Conc: 2.02 ug/ml



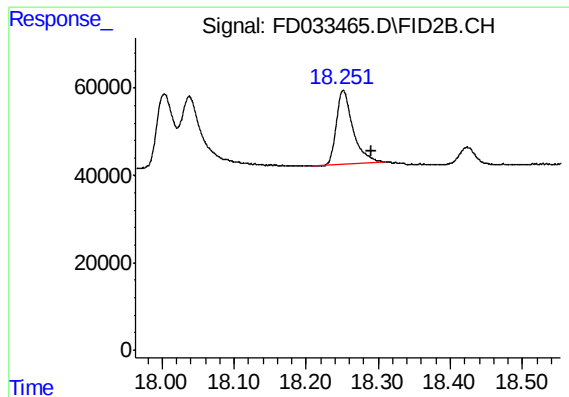
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: 0.006 min
Response: 298960
Conc: 2.52 ug/ml



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

R.T.: 18.038 min
Delta R.T.: -0.028 min
Response: 298960
Conc: 2.42 ug/ml



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

R.T.: 18.251 min
Delta R.T.: -0.040 min
Response: 268422
Conc: 2.22 ug/ml

Instrument :
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