

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
 Data File : FD033464.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2020 11:26
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-SOIL- 2.5 PPM
 ALS Vial : 56 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: May 13 04:08:19 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	5068000	46.083 ug/ml
Spiked Amount 50.000		Recovery =	92.17%
6) S 2-Fluorobiphenyl (SURR)	8.447	3526835	47.497 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	94.99%
11) S ortho-Terphenyl (SURR)	11.479	5422392	42.020 ug/ml
Spiked Amount 50.000		Recovery =	84.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	189051	1.661 ug/ml
2) T Naphthalene (C11.7)	5.932	181834	1.543 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	191725	1.610 ug/ml
5) T Acenaphthylene (C15.06)	8.251	229200	1.899 ug/ml
7) T Acenaphthene (C15.5)	8.543	260176	2.061 ug/ml
8) T Flouorene (C16.55)	9.327	201335	1.644 ug/ml
9) T Phenanthrene (C19.36)	10.721	211289	1.671 ug/ml
10) T Anthracene (C19.43)	10.797	189682	1.559 ug/ml
12) T Fluoranthene (C21.85)	12.528	224782	1.735 ug/ml
13) T Pyrene (C20.8)	12.824	213873	1.656 ug/ml
14) T Benzo[a]anthracene (C...	14.697	197697	1.618 ug/ml
15) T Chrysene (C27.41)	14.739	294854	2.290 ug/ml
16) T benzo[b]fluoranthene ...	16.279	243359	1.956 ug/ml
17) T Bnezo[k]fluoranthene ...	16.279	243359	1.890 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.004	80149	0.676 ug/ml
20) T Dibenz[a,h]anthracene...	18.004f	80149	0.648 ug/ml
21) T Benzo[g,h,i]perylene ...	18.252	207608	1.721 ug/ml

(f)=RT Delta > 1/2 Window

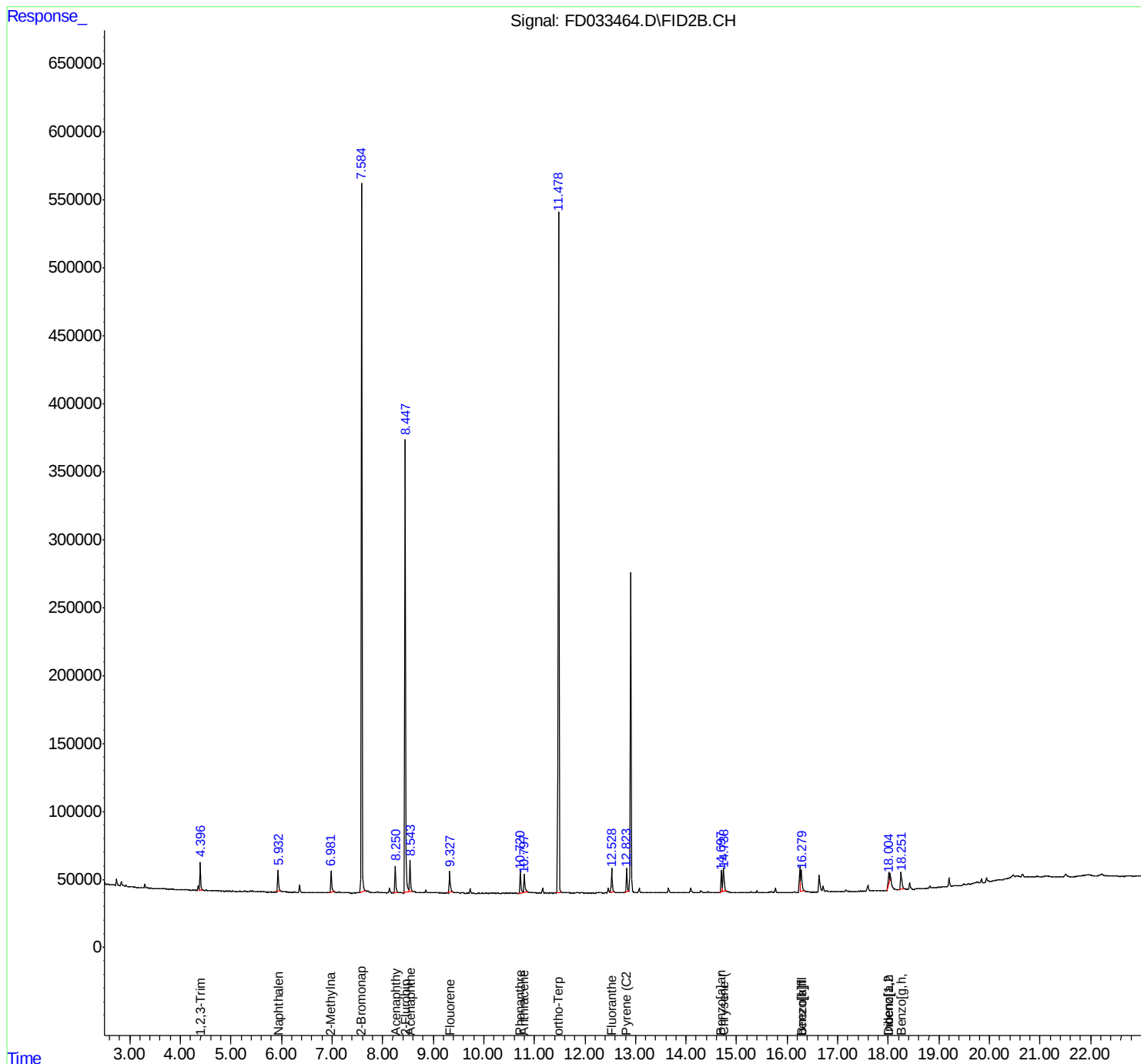
(m)=manual int.

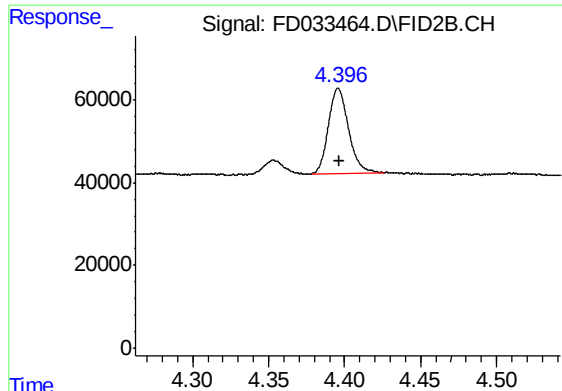
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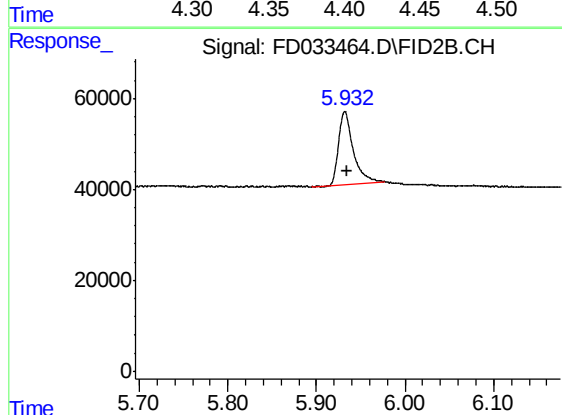




#1 1,2,3-Trimethylbenzene (C10.1)

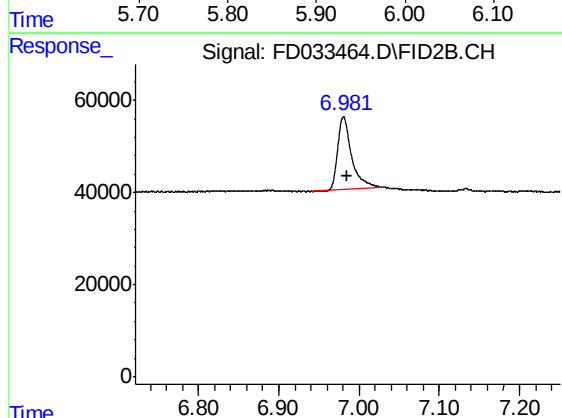
R.T.: 4.396 min
Delta R.T.: -0.001 min
Response: 189051
Conc: 1.66 ug/ml

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



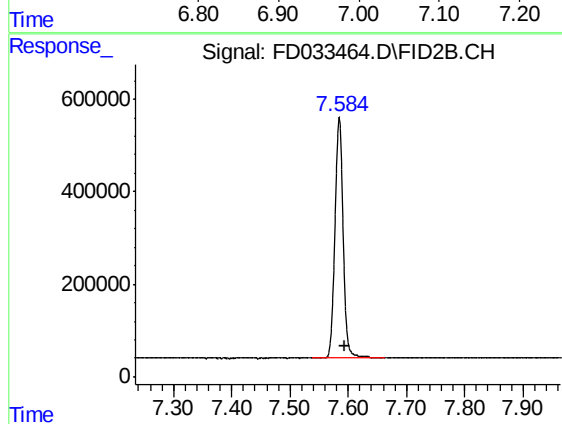
#2 Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 181834
Conc: 1.54 ug/ml



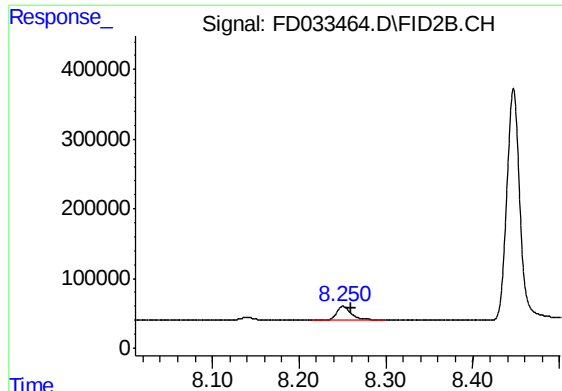
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: -0.005 min
Response: 191725
Conc: 1.61 ug/ml



#4 2-Bromonaphthalene (SURR)

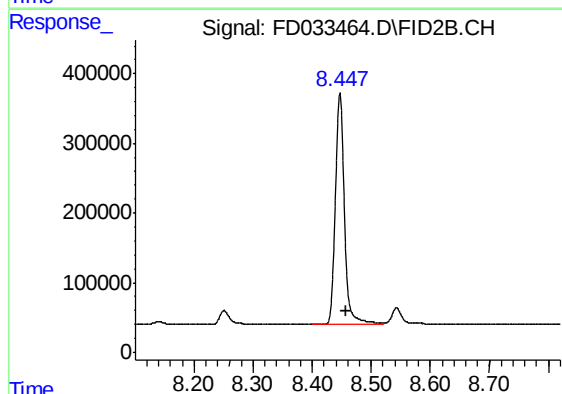
R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 5068000
Conc: 46.08 ug/ml



#5 Acenaphthylene (C15.06)

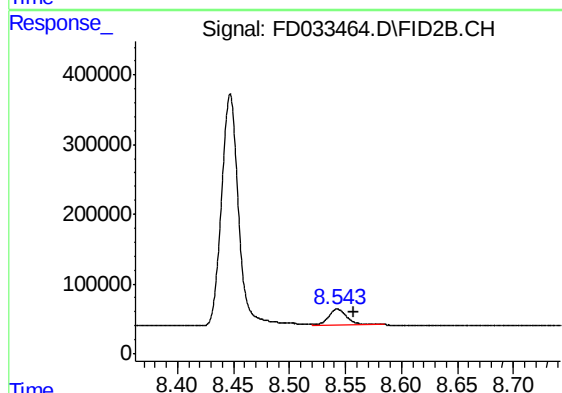
R.T.: 8.251 min
Delta R.T.: -0.010 min
Response: 229200
Conc: 1.90 ug/ml

Instrument :
FID_D
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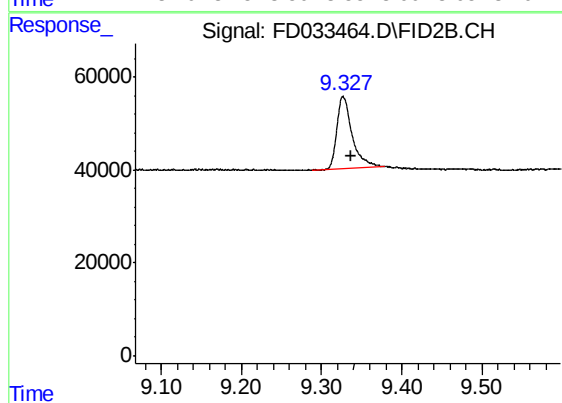
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: -0.010 min
Response: 3526835
Conc: 47.50 ug/ml



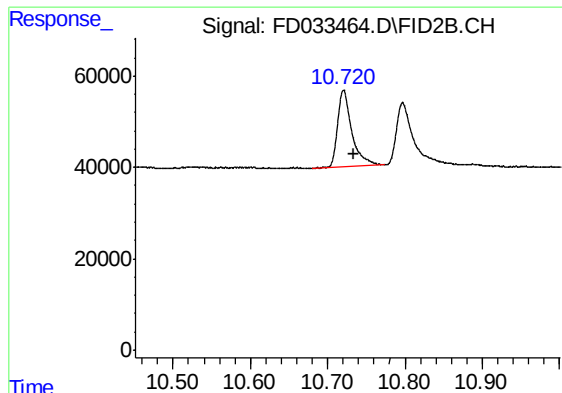
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.014 min
Response: 260176
Conc: 2.06 ug/ml



#8 Flouorene (C16.55)

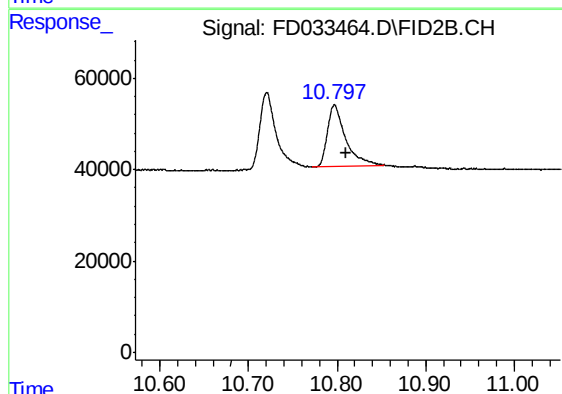
R.T.: 9.327 min
Delta R.T.: -0.010 min
Response: 201335
Conc: 1.64 ug/ml



#9 Phenanthrene (C19.36)

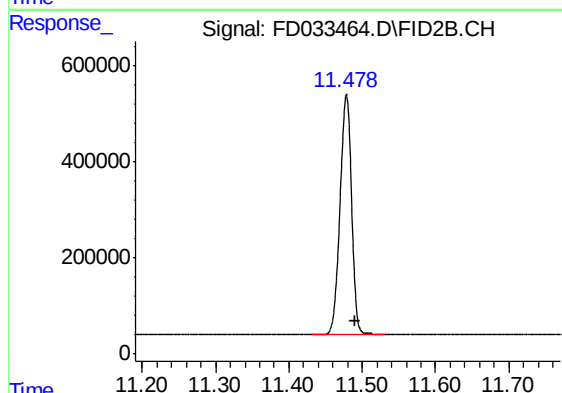
R.T.: 10.721 min
Delta R.T.: -0.012 min
Response: 211289
Conc: 1.67 ug/ml

Instrument :
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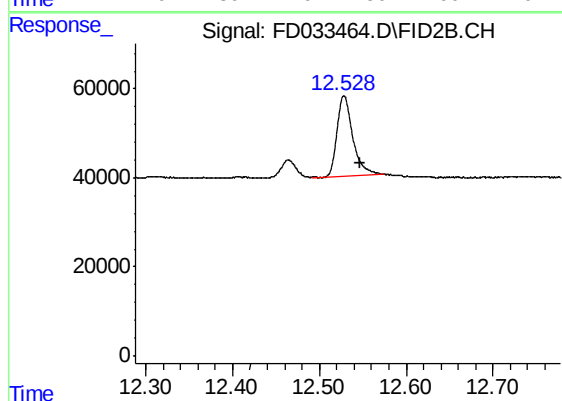
#10 Anthracene (C19.43)

R.T.: 10.797 min
Delta R.T.: -0.013 min
Response: 189682
Conc: 1.56 ug/ml



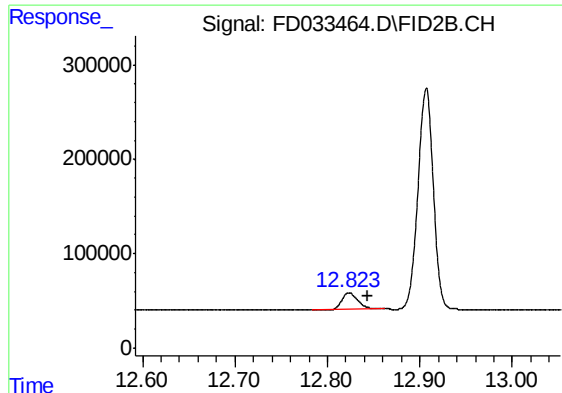
#11 ortho-Terphenyl (SURR)

R.T.: 11.479 min
Delta R.T.: -0.012 min
Response: 5422392
Conc: 42.02 ug/ml



#12 Fluoranthene (C21.85)

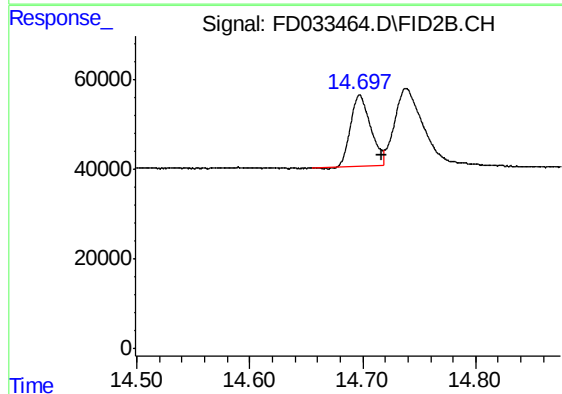
R.T.: 12.528 min
Delta R.T.: -0.018 min
Response: 224782
Conc: 1.73 ug/ml



#13 Pyrene (C20.8)

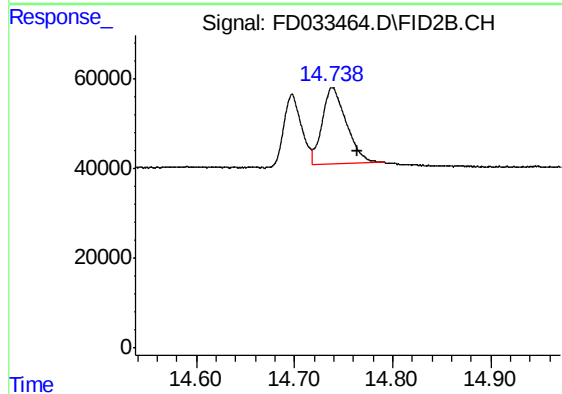
R.T.: 12.824 min
Delta R.T.: -0.021 min
Response: 213873
Conc: 1.66 ug/ml

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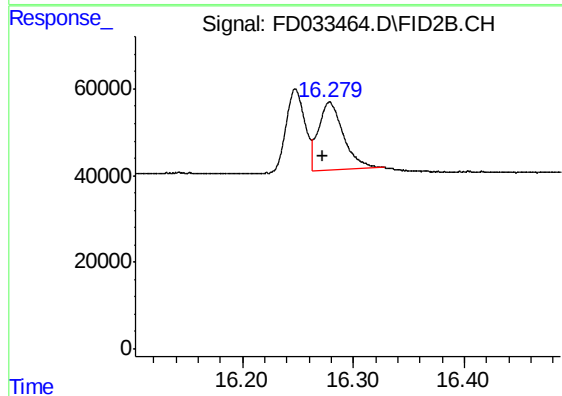
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.697 min
Delta R.T.: -0.019 min
Response: 197697
Conc: 1.62 ug/ml



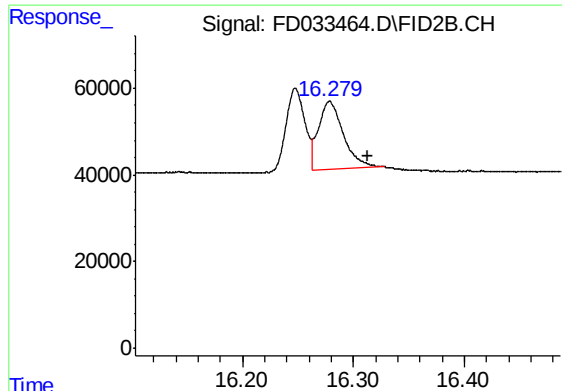
#15 Chrysene (C27.41)

R.T.: 14.739 min
Delta R.T.: -0.026 min
Response: 294854
Conc: 2.29 ug/ml



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

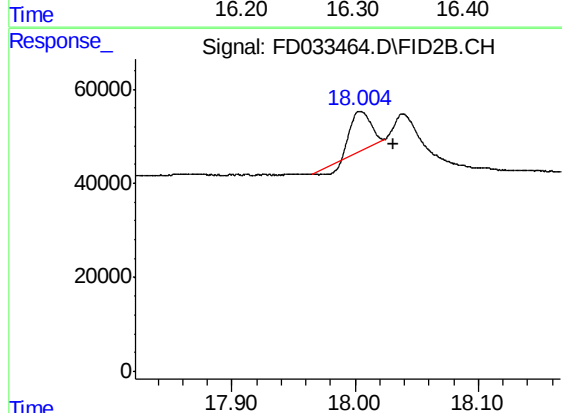
R.T.: 16.279 min
Delta R.T.: 0.006 min
Response: 243359
Conc: 1.96 ug/ml



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

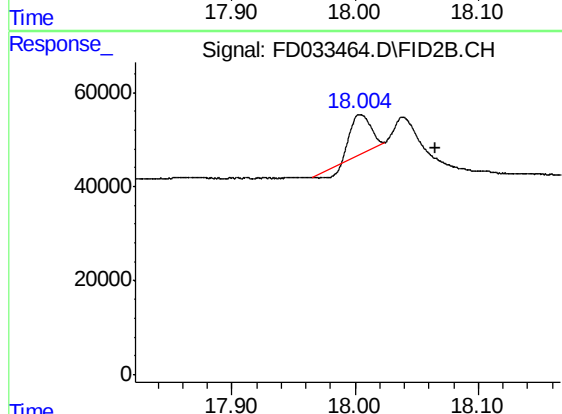
R.T.: 16.279 min
Delta R.T.: -0.034 min
Response: 243359
Conc: 1.89 ug/ml

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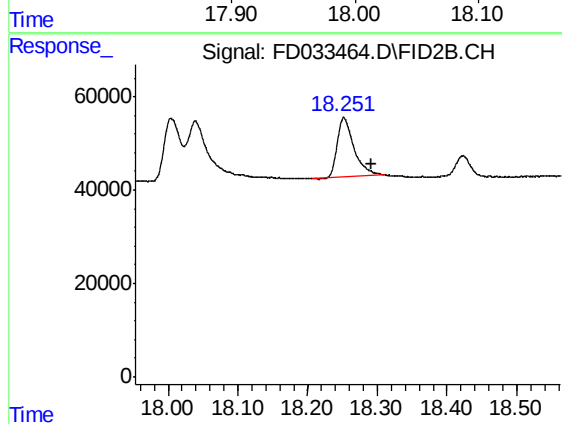
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.004 min
Delta R.T.: -0.027 min
Response: 80149
Conc: 0.68 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.062 min
Response: 80149
Conc: 0.65 ug/ml



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

R.T.: 18.252 min
Delta R.T.: -0.039 min
Response: 207608
Conc: 1.72 ug/ml