

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101722AR\
 Data File : FD044151.D
 Signal(s) : FID2B.ch
 Acq On : 17 Oct 2022 15:44
 Operator : YP/AJ
 Sample : N4955-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 18 03:45:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.414	7083239	57.051 ug/ml
Spiked Amount 50.000		Recovery =	114.10%
6) S 2-Fluorobiphenyl (SURR)	8.269	4711118	62.566 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	125.13%
11) S ortho-Terphenyl (SURR)	11.304	7589269	44.838 ug/ml
Spiked Amount 50.000		Recovery =	89.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	265189	1.879 ug/ml
2) T Naphthalene (C11.7)	5.766	238469	1.739 ug/mlm
3) T 2-Methylnaphthalene (...)	6.815	293770	2.072 ug/mlm
5) T Acenaphthylene (C15.06)	8.078	311196	2.218 ug/ml
7) T Acenaphthene (C15.5)	8.366	494131	3.178 ug/ml
8) T Flouorene (C16.55)	9.157	302278	2.149 ug/ml
9) T Phenanthrene (C19.36)	10.550	279346	2.074 ug/ml
10) T Anthracene (C19.43)	10.630	281881	2.098 ug/ml
12) T Fluoranthene (C21.85)	12.351	318054	2.382 ug/ml
13) T Pyrene (C20.8)	12.644	275360	2.180 ug/ml
14) T Benzo[a]anthracene (C...	14.522	208814	1.966 ug/ml
15) T Chrysene (C27.41)	14.559	416153	3.175 ug/ml
16) T benzo[b]fluoranthene ...	16.064	250053	2.228 ug/ml
17) T Bnezo[k]fluoranthene ...	16.096	368271	2.895 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	204512	1.760 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.814	262995	2.467 ug/ml
20) T Dibenz[a,h]anthracene...	17.851	337100	2.725 ug/ml
21) T Benzo[g,h,i]perylene ...	18.059	302266	2.575 ug/ml

(f)=RT Delta > 1/2 Window

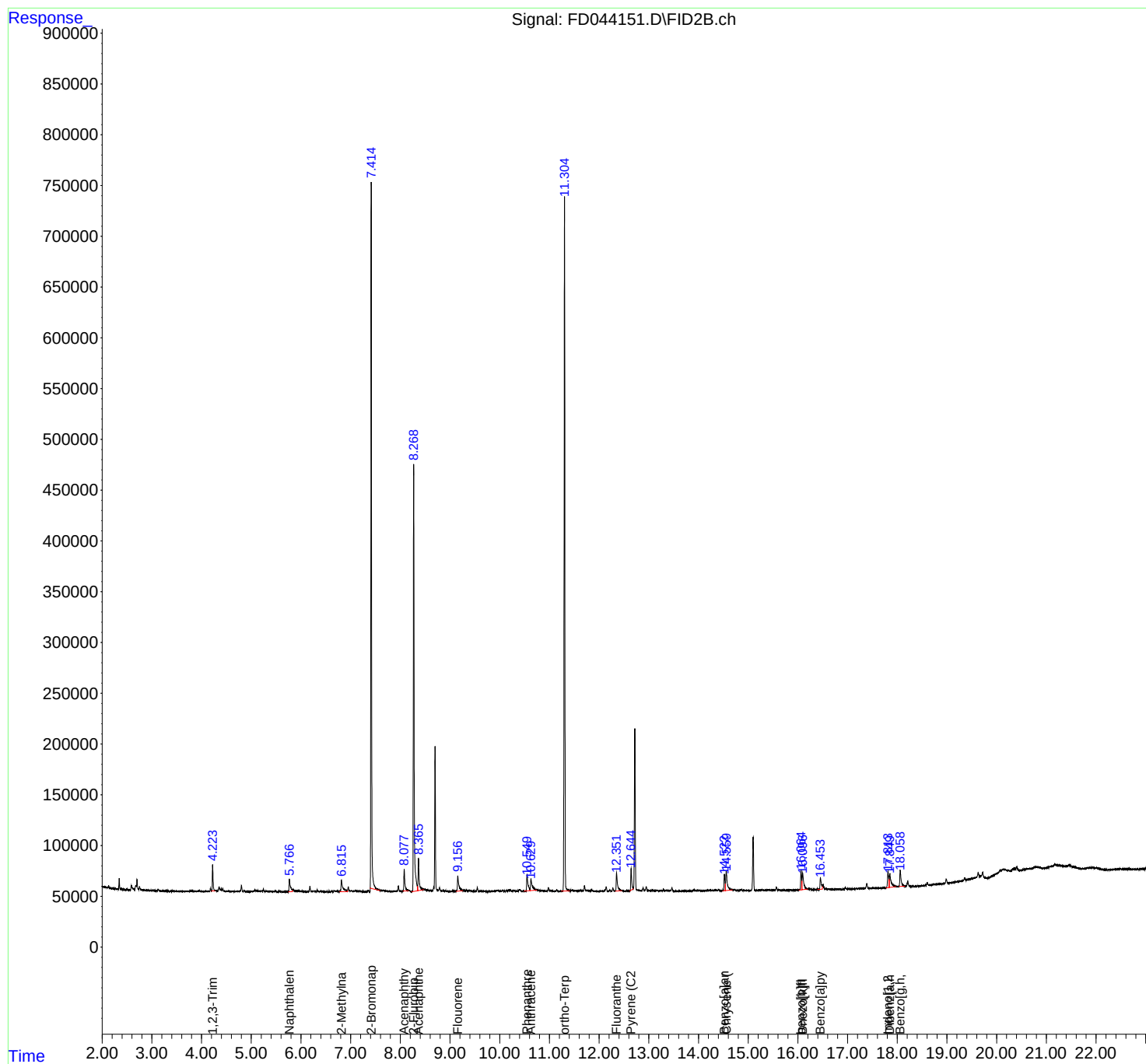
(m)=manual int.

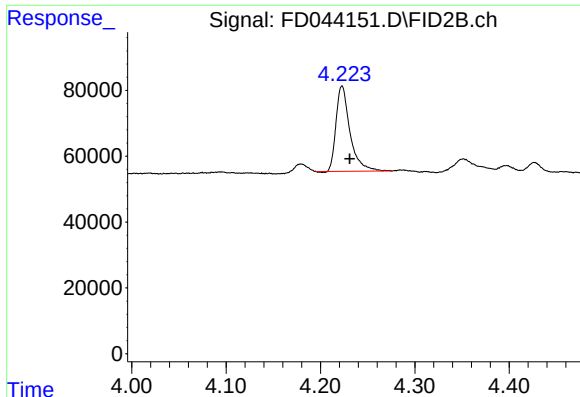
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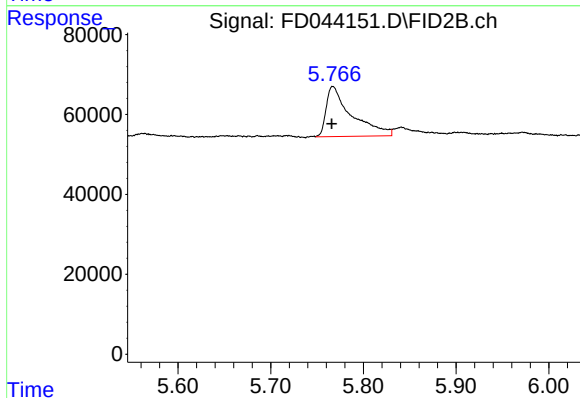




#1 1,2,3-Trimethylbenzene (C10.1)

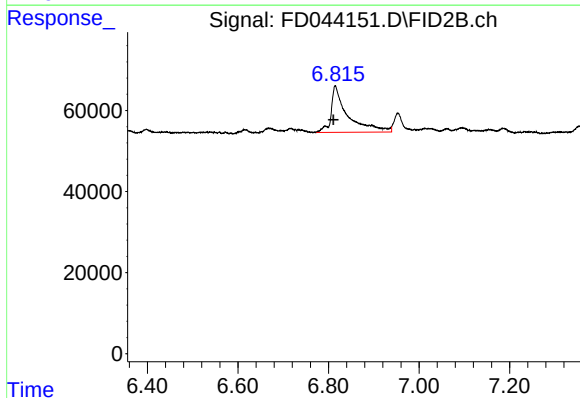
R.T.: 4.223 min
Delta R.T.: -0.008 min
Response: 265189
Conc: 1.88 ug/ml

Instrument :
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LOD-MDL-WATER-01-QT4-2022



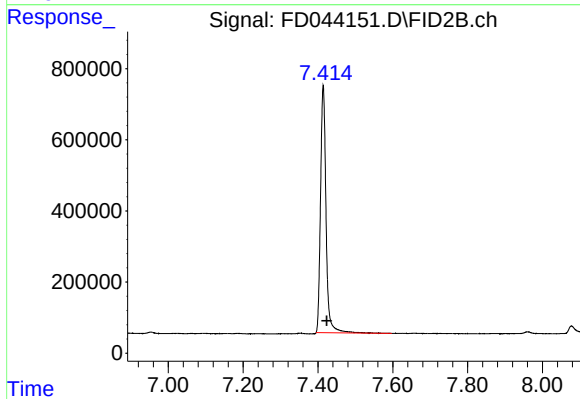
#2 Naphthalene (C11.7)

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 238469
Conc: 1.74 ug/ml m



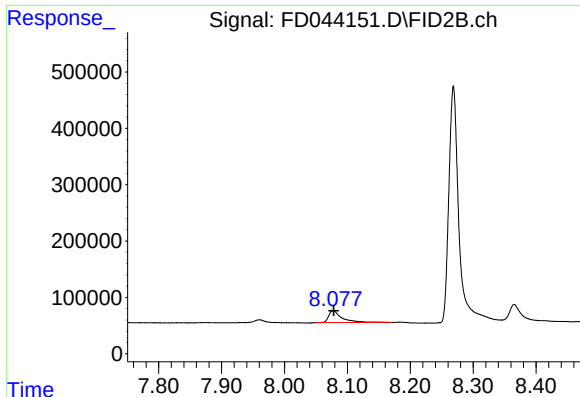
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.815 min
Delta R.T.: 0.004 min
Response: 293770
Conc: 2.07 ug/ml m



#4 2-Bromonaphthalene (SURR)

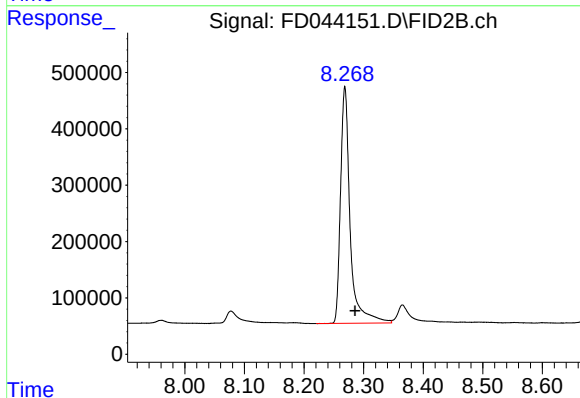
R.T.: 7.414 min
Delta R.T.: -0.009 min
Response: 7083239
Conc: 57.05 ug/ml



#5 Acenaphthylene (C15.06)

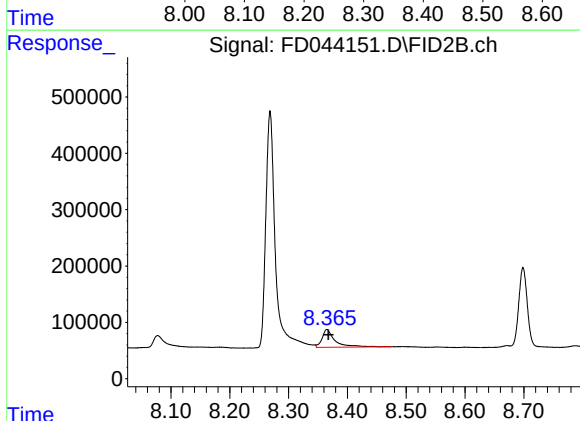
R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 311196
Conc: 2.22 ug/ml

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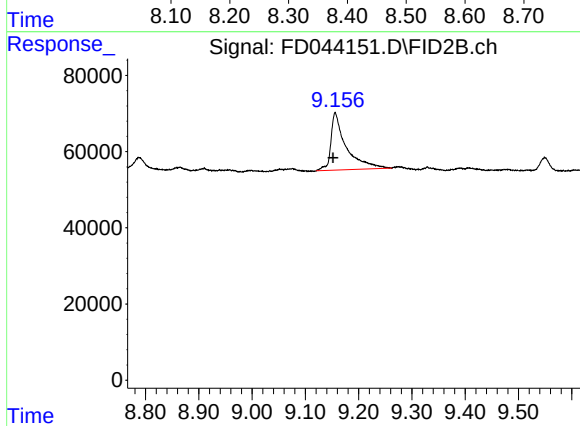
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.269 min
Delta R.T.: -0.017 min
Response: 4711118
Conc: 62.57 ug/ml



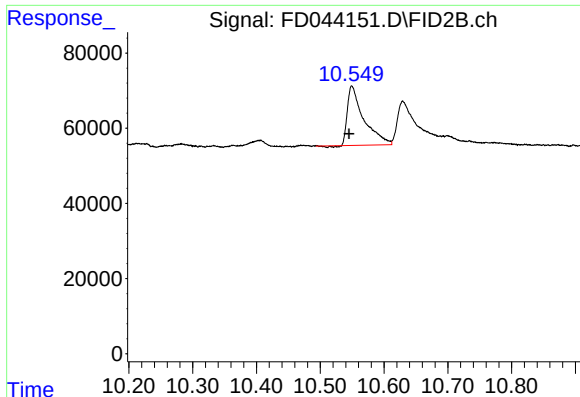
#7 Acenaphthene (C15.5)

R.T.: 8.366 min
Delta R.T.: -0.002 min
Response: 494131
Conc: 3.18 ug/ml



#8 Fluorene (C16.55)

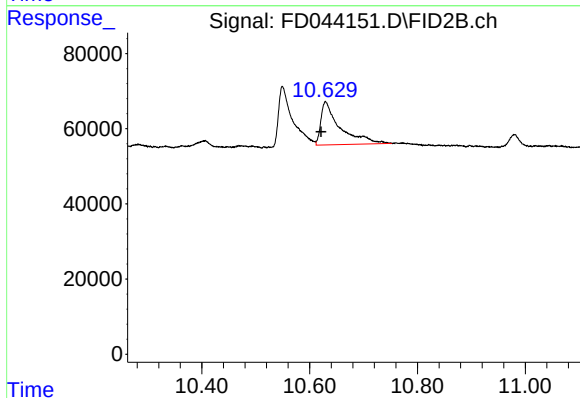
R.T.: 9.157 min
Delta R.T.: 0.005 min
Response: 302278
Conc: 2.15 ug/ml



#9 Phenanthrene (C19.36)

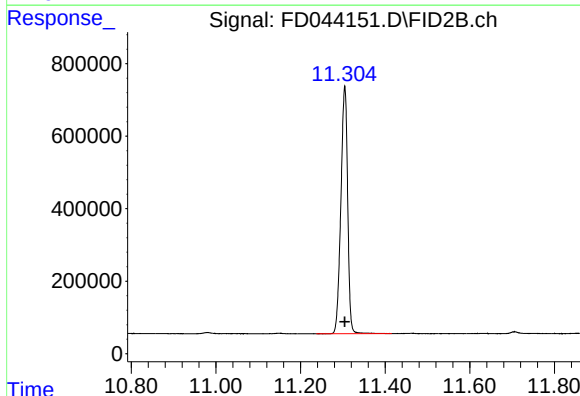
R.T.: 10.550 min
Delta R.T.: 0.005 min
Response: 279346
Conc: 2.07 ug/ml

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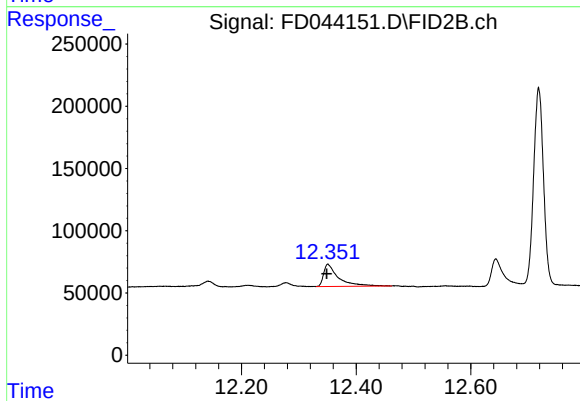
#10 Anthracene (C19.43)

R.T.: 10.630 min
Delta R.T.: 0.008 min
Response: 281881
Conc: 2.10 ug/ml



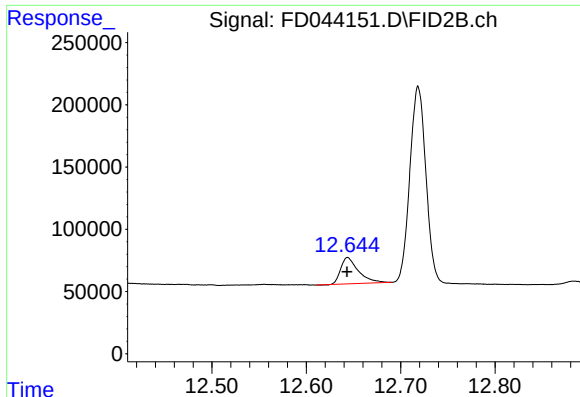
#11 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 7589269
Conc: 44.84 ug/ml



#12 Fluoranthene (C21.85)

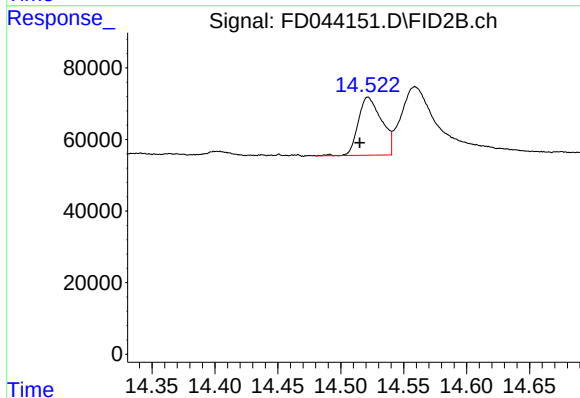
R.T.: 12.351 min
Delta R.T.: 0.003 min
Response: 318054
Conc: 2.38 ug/ml



#13 Pyrene (C20.8)

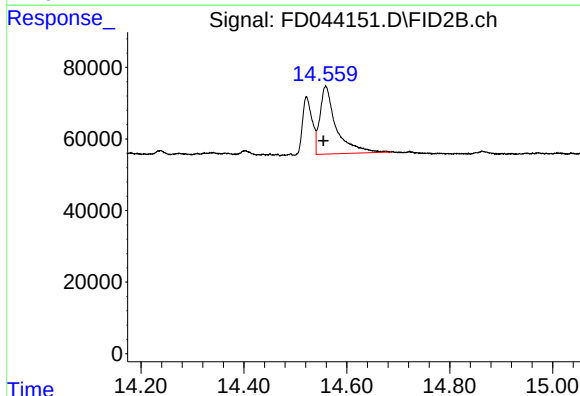
R.T.: 12.644 min
Delta R.T.: 0.000 min
Response: 275360
Conc: 2.18 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



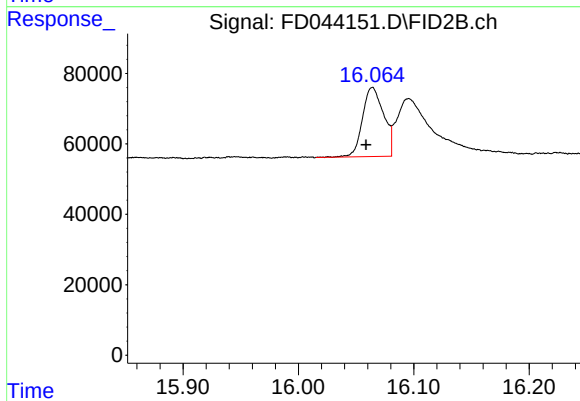
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.522 min
Delta R.T.: 0.007 min
Response: 208814
Conc: 1.97 ug/ml



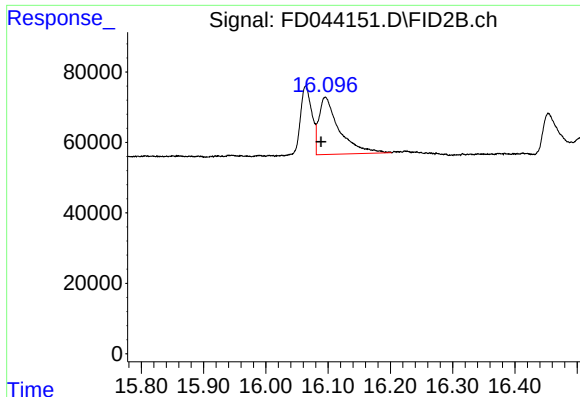
#15 Chrysene (C27.41)

R.T.: 14.559 min
Delta R.T.: 0.005 min
Response: 416153
Conc: 3.17 ug/ml



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

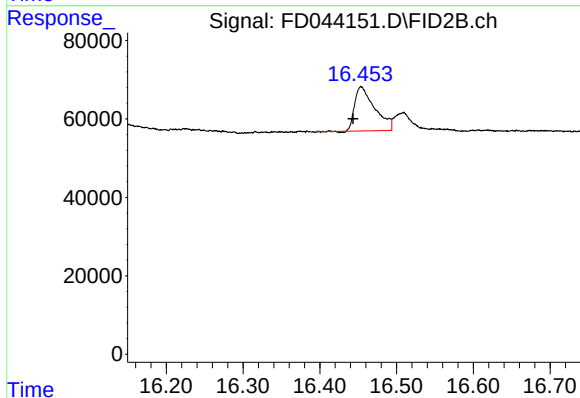
R.T.: 16.064 min
Delta R.T.: 0.006 min
Response: 250053
Conc: 2.23 ug/ml



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

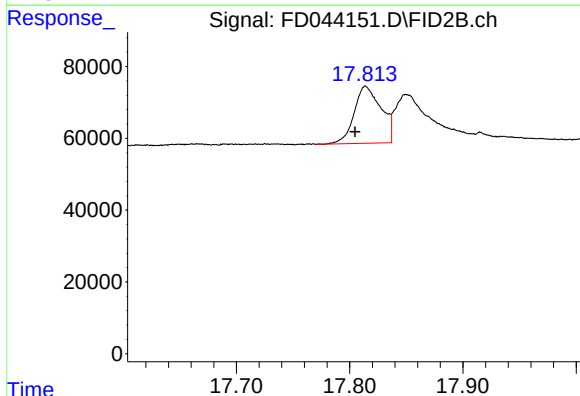
R.T.: 16.096 min
Delta R.T.: 0.007 min
Response: 368271
Conc: 2.89 ug/ml

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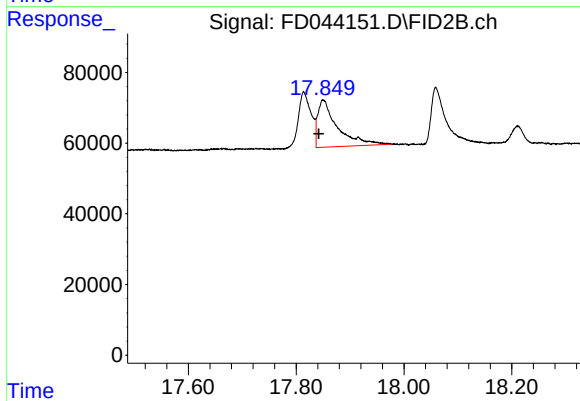
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: 0.011 min
Response: 204512
Conc: 1.76 ug/ml



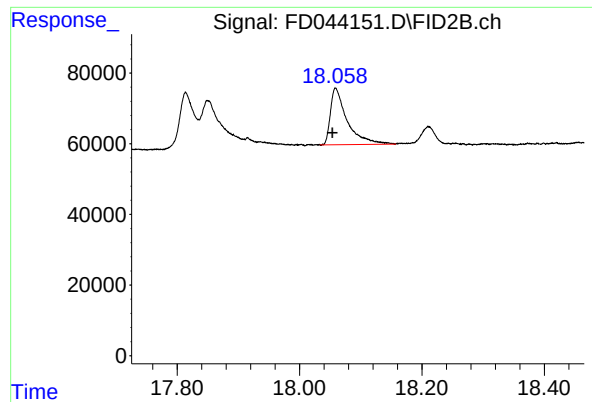
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.814 min
Delta R.T.: 0.010 min
Response: 262995
Conc: 2.47 ug/ml



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

R.T.: 17.851 min
Delta R.T.: 0.009 min
Response: 337100
Conc: 2.72 ug/ml



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

R.T.: 18.059 min
Delta R.T.: 0.006 min
Response: 302266
Conc: 2.57 ug/ml

Instrument :
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