

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080824AR\
 Data File : FG014093.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2024 06:15
 Operator : YP\AJ
 Sample : P3390-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 08 07:02:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 080624.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 17:31:37 2024
 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...	7.891	5908895	52.669 ug/ml
Spiked Amount 50.000		Recovery =	105.34%
6) S 2-Fluorobiphenyl (SURR)	8.764	3608109	48.046 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.09%
11) S ortho-Terphenyl (SURR)	11.833	5957409	45.035 ug/ml
Spiked Amount 50.000		Recovery =	90.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	234311	1.814 ug/ml
2) T Naphthalene (C11.7)	6.165	249597	1.877 ug/ml
3) T 2-Methylnaphthalene (...)	7.263	269745	2.039 ug/ml
5) T Acenaphthylene (C15.06)	8.563	285418	2.157 ug/ml
7) T Acenaphthene (C15.5)	8.860	332839	2.461 ug/ml
8) T Fluorene (C16.55)	9.654	280930	2.185 ug/ml
9) T Phenanthrene (C19.36)	11.060	237037	1.902 ug/ml
10) T Anthracene (C19.43)	11.137	236907	1.884 ug/ml
12) T Fluoranthene (C21.85)	12.882	294594	2.309 ug/ml
13) T Pyrene (C20.8)	13.179	288486	2.268 ug/ml
14) T Benzo[a]anthracene (C...	15.066	233040	2.000 ug/ml
15) T Chrysene (C27.41)	15.107	408375	2.994 ug/ml
16) T benzo[b]fluoranthene ...	16.625	224741	1.818 ug/ml
17) T Bnezo[k]fluoranthene ...	16.655	342796	2.564 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.009	250330	1.985 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.383	181123	1.769 ug/ml
20) T Dibenz[a,h]anthracene...	18.425	411071	2.694 ug/ml
21) T Benzo[g,h,i]perylene ...	18.633	304603	2.194 ug/ml

(f)=RT Delta > 1/2 Window

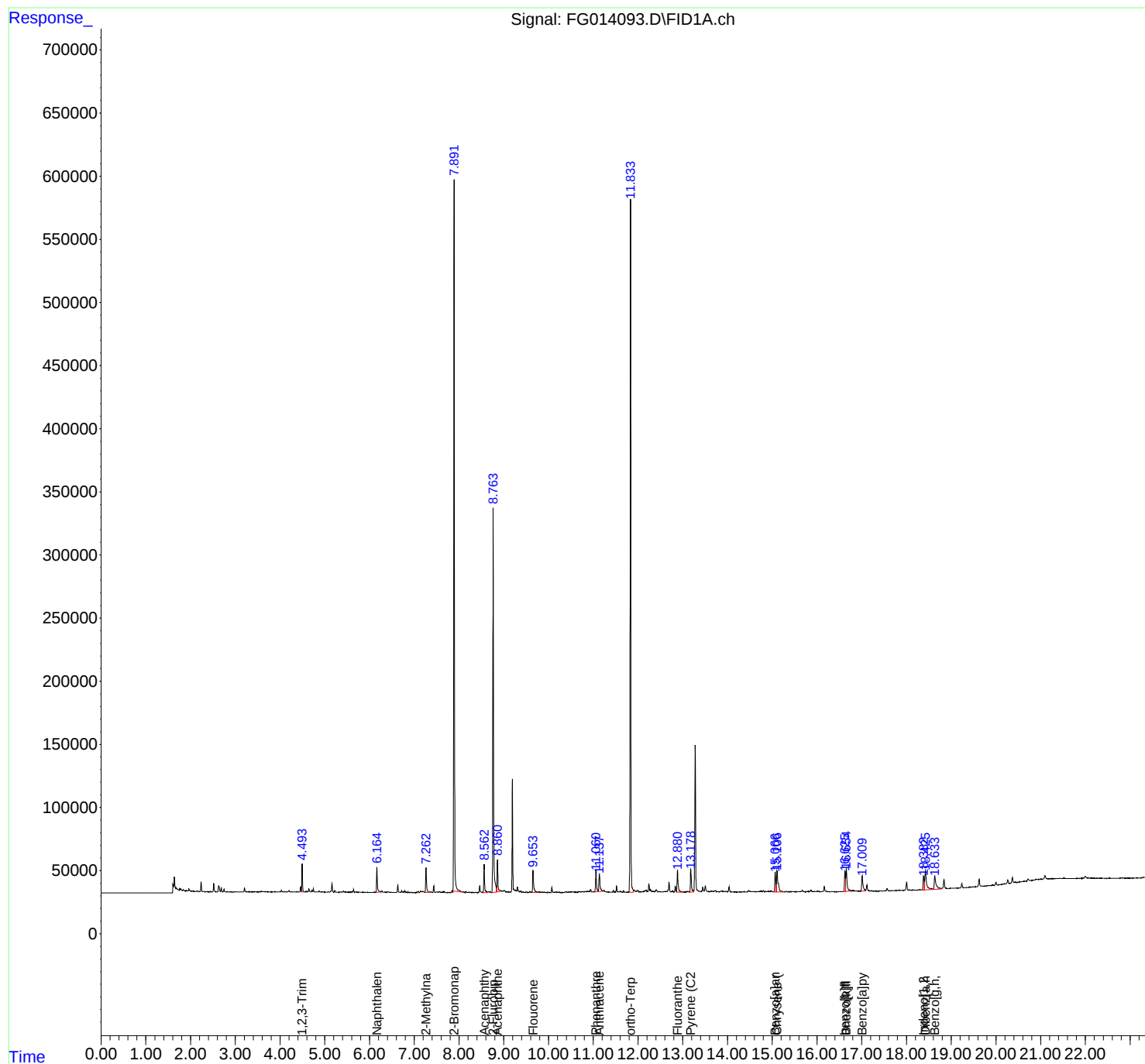
(m)=manual int.

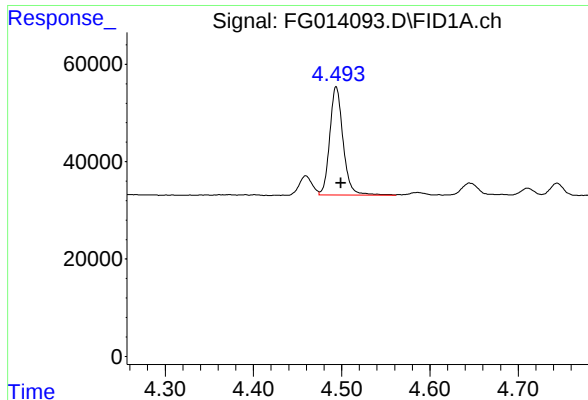
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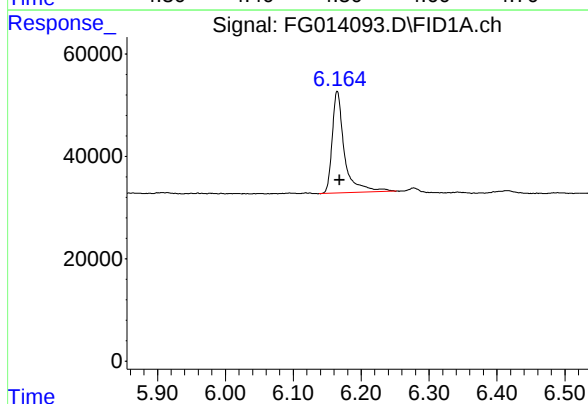




#1 1,2,3-Trimethylbenzene (C10.1)

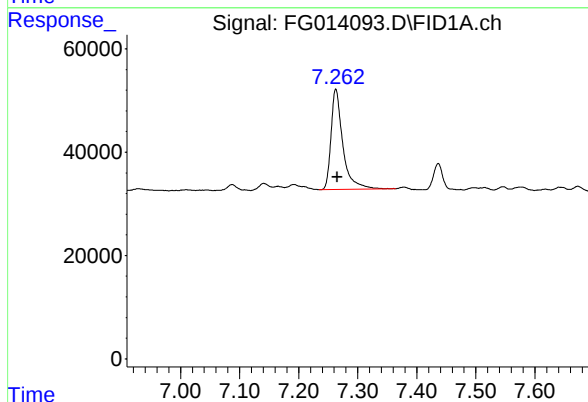
R.T.: 4.494 min
Delta R.T.: -0.005 min
Response: 234311
Conc: 1.81 ug/ml

Instrument :
FID_G
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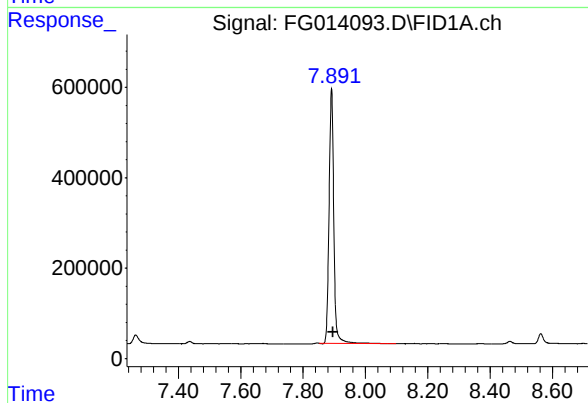
#2 Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.003 min
Response: 249597
Conc: 1.88 ug/ml



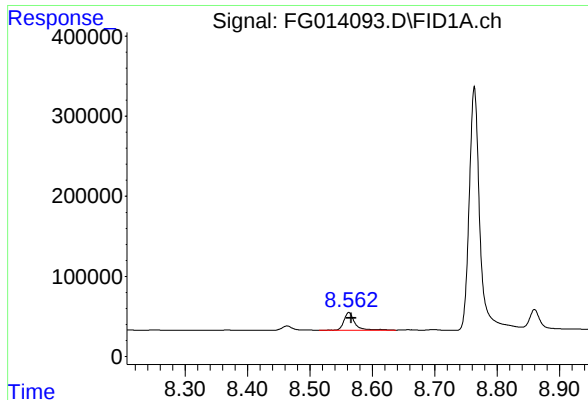
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: -0.002 min
Response: 269745
Conc: 2.04 ug/ml



#4 2-Bromonaphthalene (SURR)

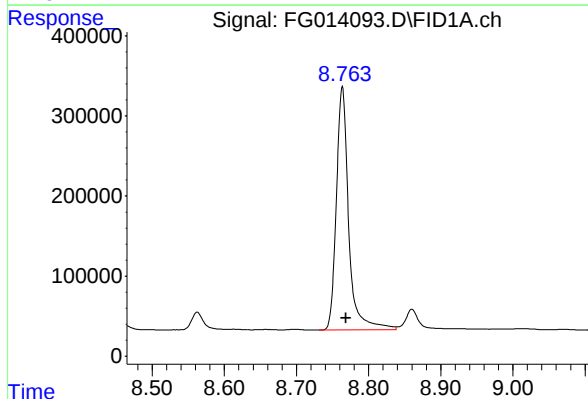
R.T.: 7.891 min
Delta R.T.: -0.004 min
Response: 5908895
Conc: 52.67 ug/ml



#5 Acenaphthylene (C15.06)

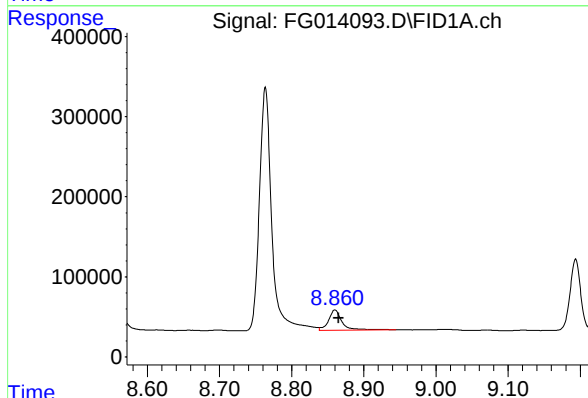
R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 285418
Conc: 2.16 ug/ml

Instrument :
FID_G
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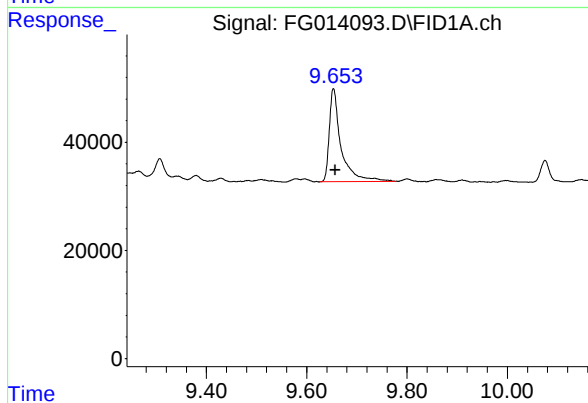
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.764 min
Delta R.T.: -0.005 min
Response: 3608109
Conc: 48.05 ug/ml



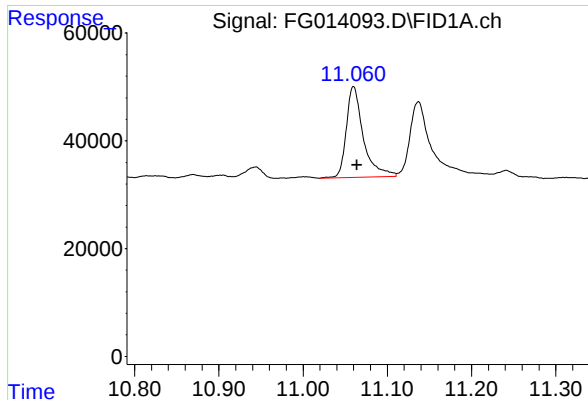
#7 Acenaphthene (C15.5)

R.T.: 8.860 min
Delta R.T.: -0.005 min
Response: 332839
Conc: 2.46 ug/ml



#8 Flouorene (C16.55)

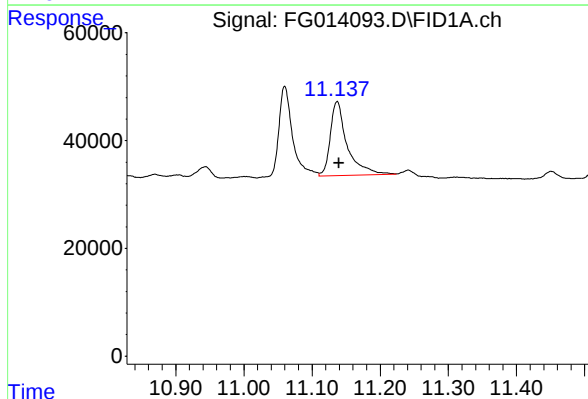
R.T.: 9.654 min
Delta R.T.: -0.003 min
Response: 280930
Conc: 2.19 ug/ml



#9 Phenanthrene (C19.36)

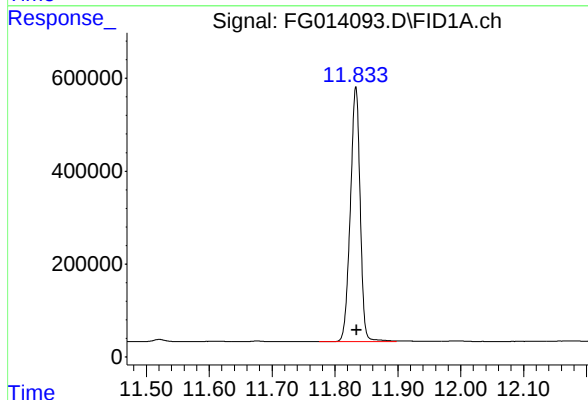
R.T.: 11.060 min
Delta R.T.: -0.004 min
Response: 237037
Conc: 1.90 ug/ml

Instrument :
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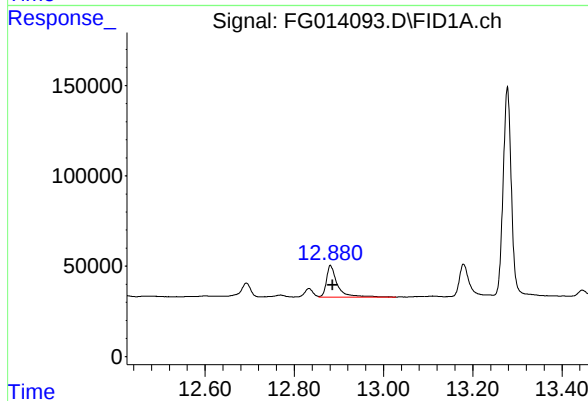
#10 Anthracene (C19.43)

R.T.: 11.137 min
Delta R.T.: -0.003 min
Response: 236907
Conc: 1.88 ug/ml



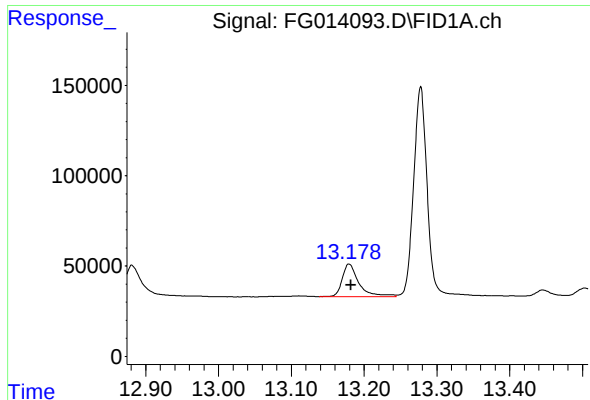
#11 ortho-Terphenyl (SURRE)

R.T.: 11.833 min
Delta R.T.: -0.001 min
Response: 5957409
Conc: 45.04 ug/ml



#12 Fluoranthene (C21.85)

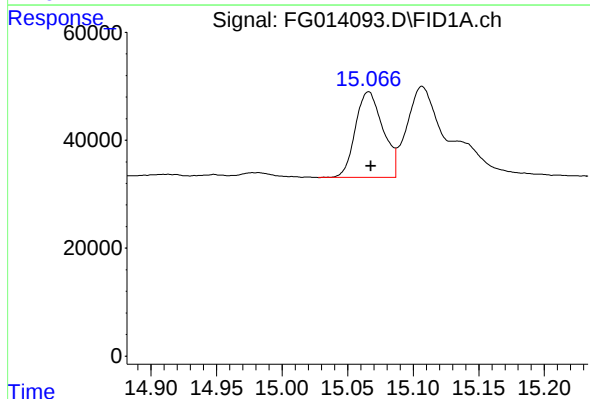
R.T.: 12.882 min
Delta R.T.: -0.004 min
Response: 294594
Conc: 2.31 ug/ml



#13 Pyrene (C20.8)

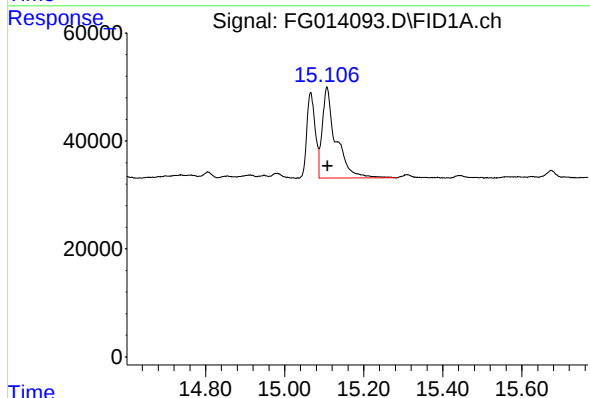
R.T.: 13.179 min
Delta R.T.: -0.003 min
Response: 288486
Conc: 2.27 ug/ml

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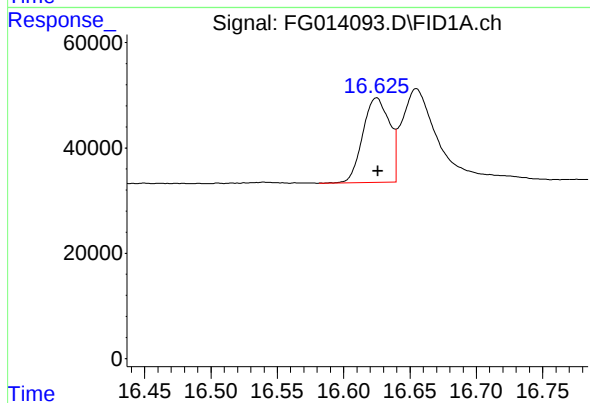
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.066 min
Delta R.T.: -0.002 min
Response: 233040
Conc: 2.00 ug/ml



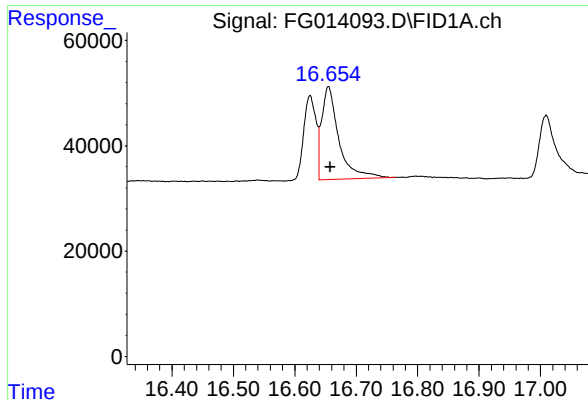
#15 Chrysene (C27.41)

R.T.: 15.107 min
Delta R.T.: -0.002 min
Response: 408375
Conc: 2.99 ug/ml



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

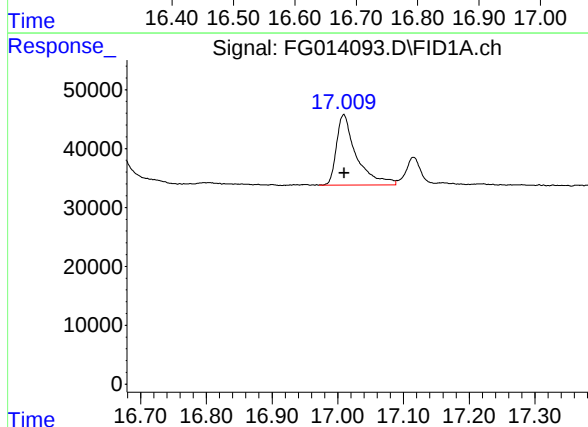
R.T.: 16.625 min
Delta R.T.: 0.000 min
Response: 224741
Conc: 1.82 ug/ml



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

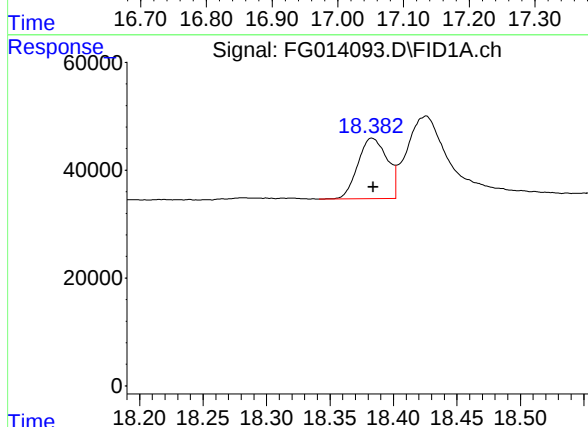
R.T.: 16.655 min
Delta R.T.: -0.003 min
Response: 342796
Conc: 2.56 ug/ml

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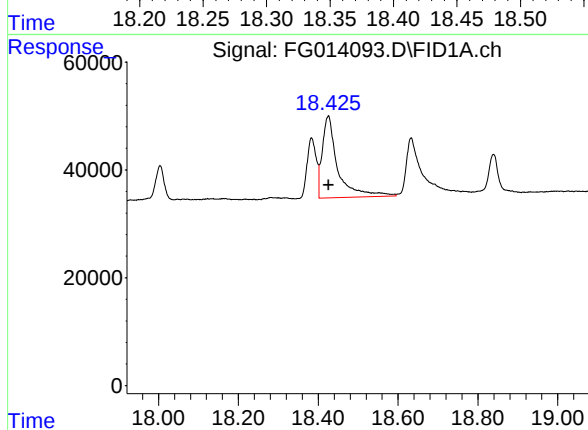
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.009 min
Delta R.T.: -0.001 min
Response: 250330
Conc: 1.98 ug/ml



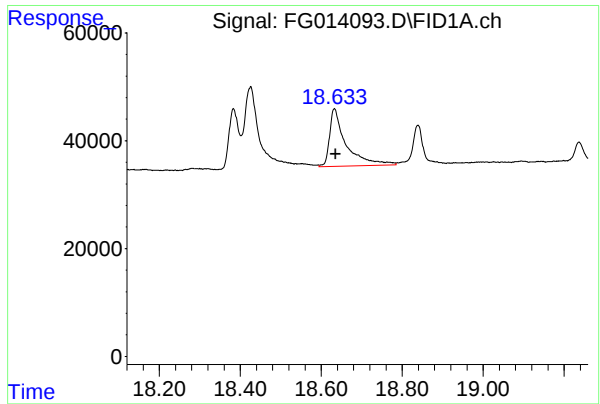
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.383 min
Delta R.T.: 0.000 min
Response: 181123
Conc: 1.77 ug/ml



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

R.T.: 18.425 min
Delta R.T.: 0.000 min
Response: 411071
Conc: 2.69 ug/ml



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

R.T.: 18.633 min
Delta R.T.: -0.003 min
Response: 304603
Conc: 2.19 ug/ml

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