

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014300.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 10:38
 Operator : YP\AJ
 Sample : P4103-04DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14-5-7.5ADL

Integration File: autoint1.e
 Quant Time: Sep 21 03:13:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 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...	7.871	2878012	25.724 ug/ml
Spiked Amount 50.000		Recovery =	51.45%
6) S 2-Fluorobiphenyl (SURR)	8.744	2082972	28.610 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	57.22%
11) S ortho-Terphenyl (SURR)	11.845	461412	3.423 ug/ml
Spiked Amount 50.000		Recovery =	6.85%
Target Compounds			
2) T Naphthalene (C11.7)	6.187	182270	1.445 ug/ml
3) T 2-Methylnaphthalene (...)	7.242	1103133	8.661 ug/ml
5) T Acenaphthylene (C15.06)	8.599	321841	2.476 ug/ml
7) T Acenaphthene (C15.5)	8.839	608519	4.394 ug/ml
8) T Fluorene (C16.55)	9.658	341293	2.633 ug/ml
9) T Phenanthrene (C19.36)	11.040	1103250	9.128 ug/ml
10) T Anthracene (C19.43)	11.128	543006	3.914 ug/ml
12) T Fluoranthene (C21.85)	12.863	690760	5.328 ug/ml
13) T Pyrene (C20.8)	13.160	396987	3.040 ug/ml
14) T Benzo[a]anthracene (C...	15.096	127711	1.123 ug/ml
15) T Chrysene (C27.41)	15.096	127711	0.903 ug/ml
16) T benzo[b]fluoranthene ...	16.625	98040	0.855 ug/ml
17) T Bnezo[k]fluoranthene ...	16.710	45451	0.338 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.007	17068	0.137 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.411	134965	1.365 ug/ml
20) T Dibenz[a,h]anthracene...	18.411	134965	0.917 ug/ml
21) T Benzo[g,h,i]perylene ...	18.634	54699	0.419 ug/ml

(f)=RT Delta > 1/2 Window

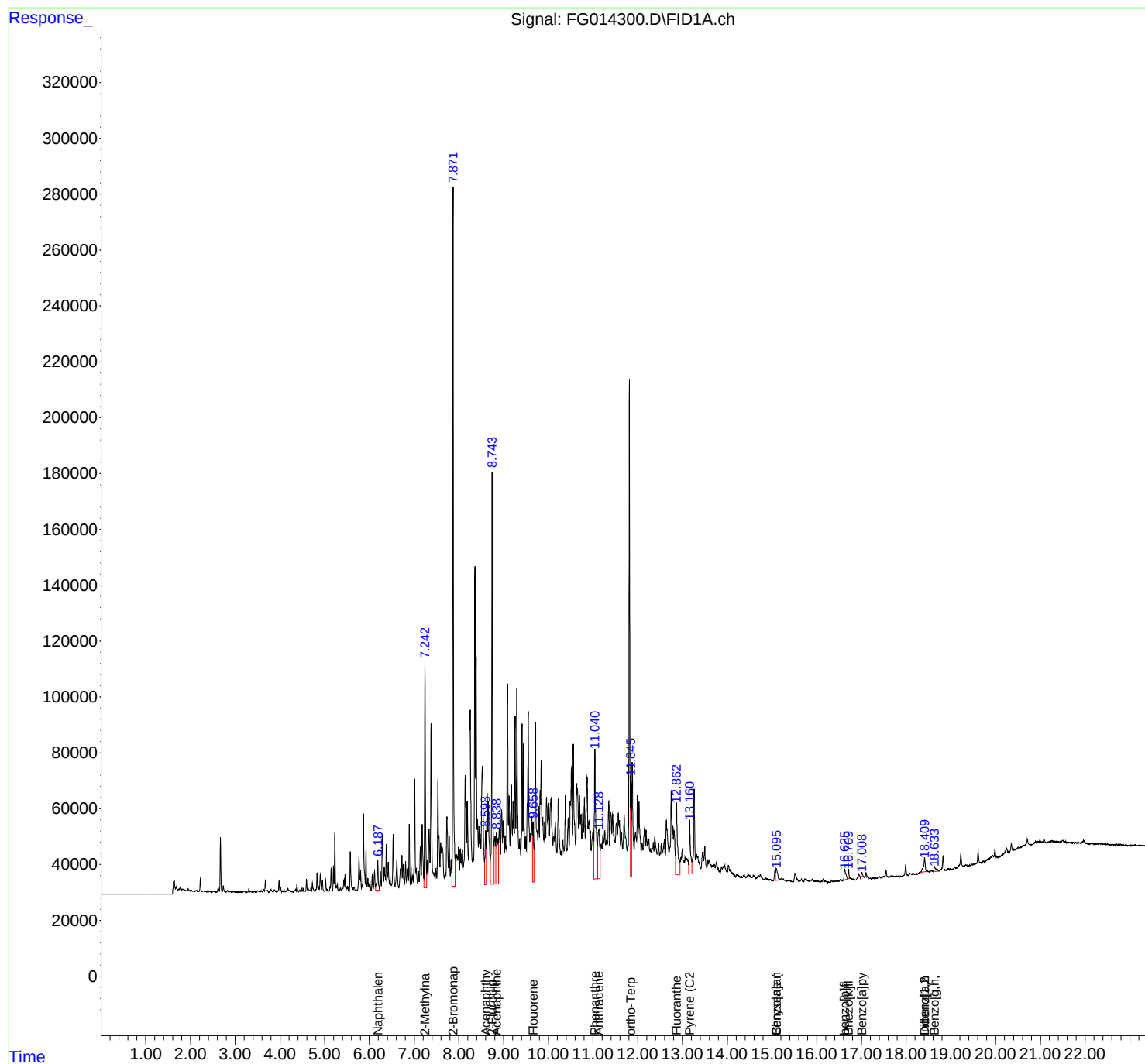
(m)=manual int.

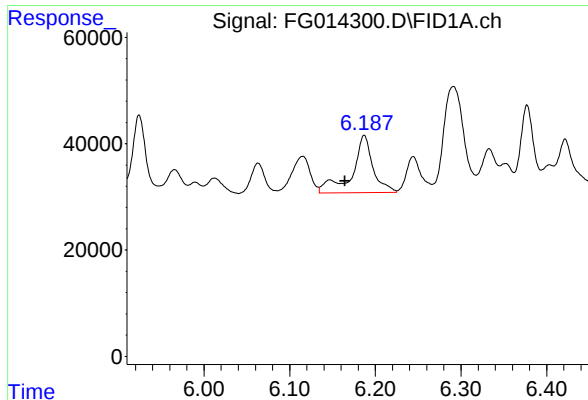
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Signal Info : 20M x 0.18mm x 0.18µm

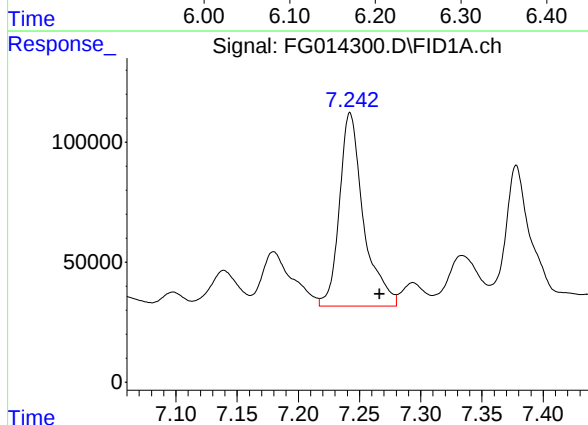




#2 Naphthalene (C11.7)

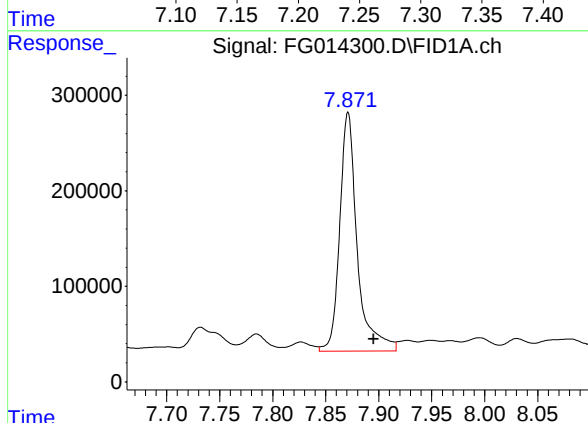
R.T.: 6.187 min
Delta R.T.: 0.023 min
Response: 182270
Conc: 1.44 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-5-7.5ADL



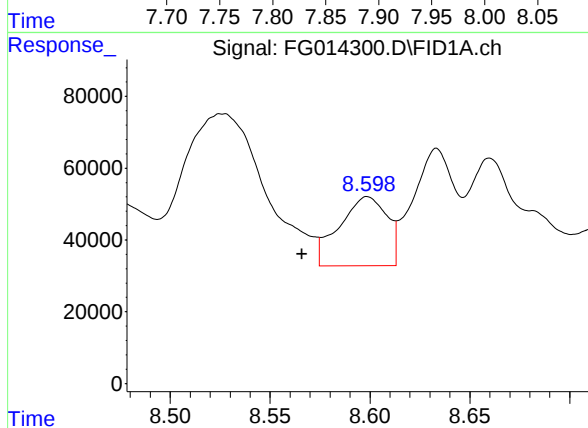
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.242 min
Delta R.T.: -0.024 min
Response: 1103133
Conc: 8.66 ug/ml



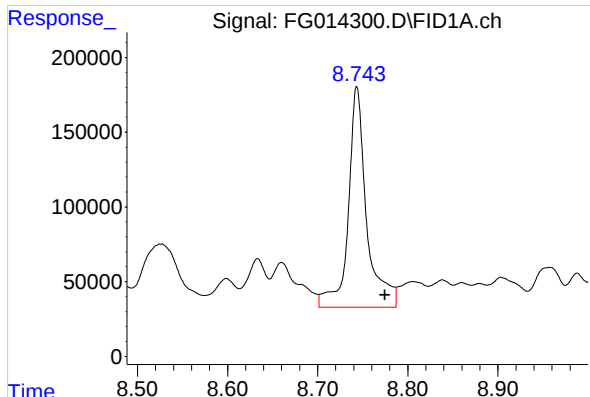
#4 2-Bromonaphthalene (SURR)

R.T.: 7.871 min
Delta R.T.: -0.024 min
Response: 2878012
Conc: 25.72 ug/ml



#5 Acenaphthylene (C15.06)

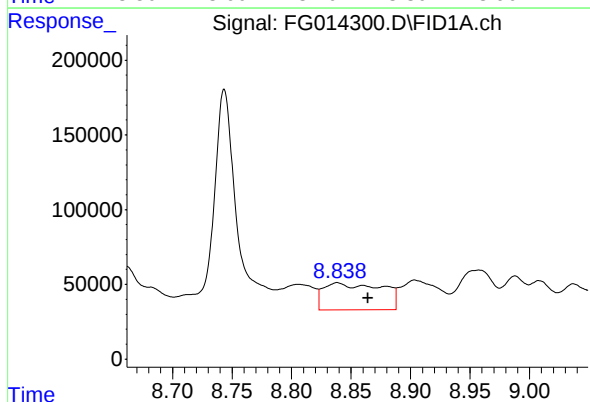
R.T.: 8.599 min
Delta R.T.: 0.033 min
Response: 321841
Conc: 2.48 ug/ml



#6 2-Fluorobiphenyl (SURR)

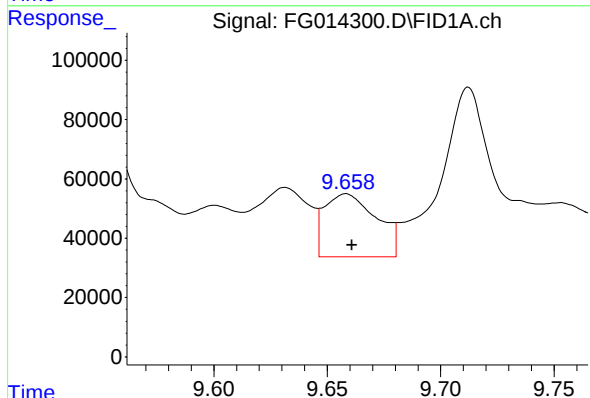
R.T.: 8.744 min
Delta R.T.: -0.031 min
Response: 2082972
Conc: 28.61 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-5-7.5ADL



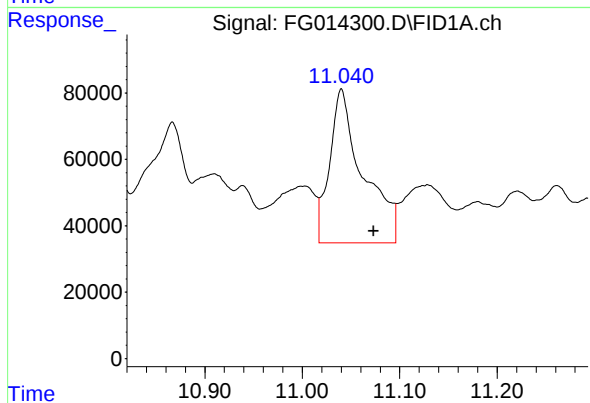
#7 Acenaphthene (C15.5)

R.T.: 8.839 min
Delta R.T.: -0.026 min
Response: 608519
Conc: 4.39 ug/ml



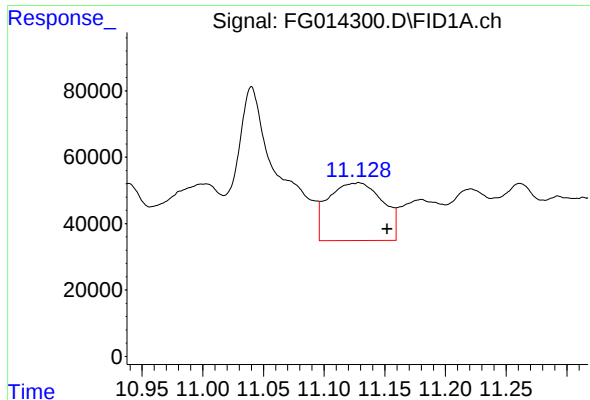
#8 Flouorene (C16.55)

R.T.: 9.658 min
Delta R.T.: -0.003 min
Response: 341293
Conc: 2.63 ug/ml



#9 Phenanthrene (C19.36)

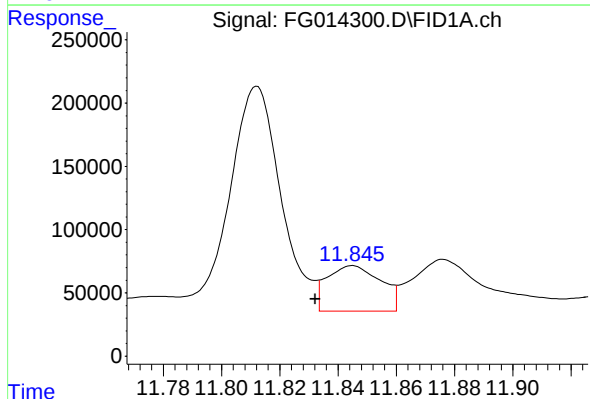
R.T.: 11.040 min
Delta R.T.: -0.033 min
Response: 1103250
Conc: 9.13 ug/ml



#10 Anthracene (C19.43)

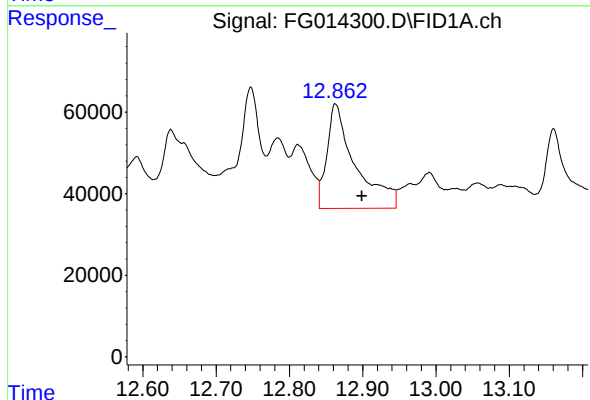
R.T.: 11.128 min
Delta R.T.: -0.024 min
Response: 543006
Conc: 3.91 ug/ml

Instrument :
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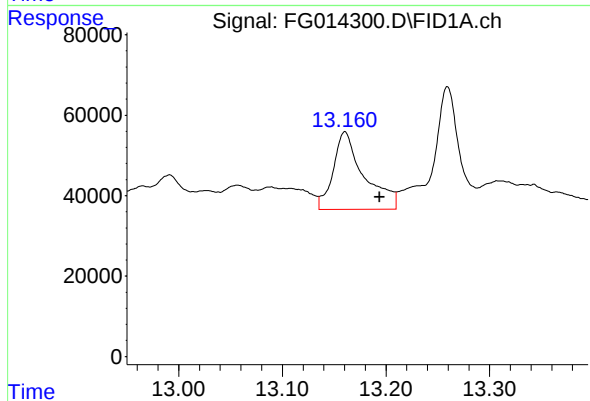
#11 ortho-Terphenyl (SURR)

R.T.: 11.845 min
Delta R.T.: 0.013 min
Response: 461412
Conc: 3.42 ug/ml



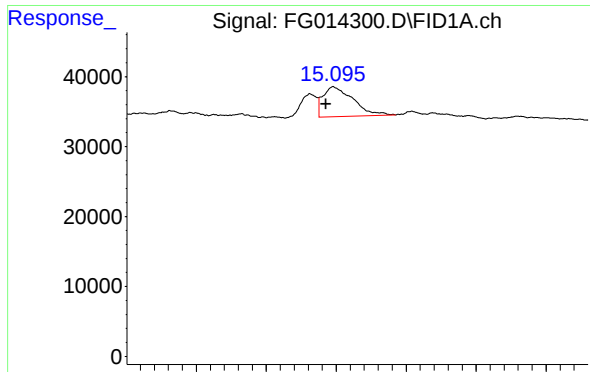
#12 Fluoranthene (C21.85)

R.T.: 12.863 min
Delta R.T.: -0.036 min
Response: 690760
Conc: 5.33 ug/ml



#13 Pyrene (C20.8)

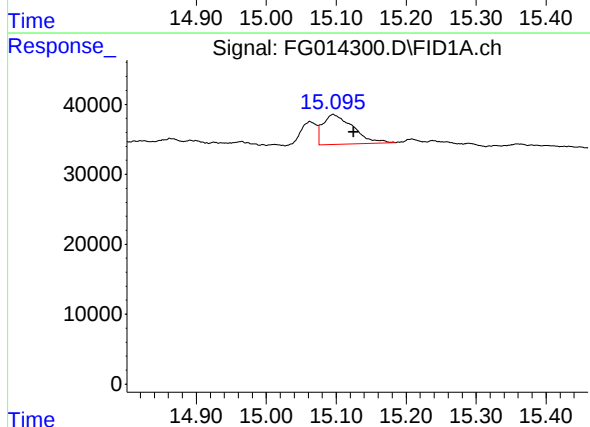
R.T.: 13.160 min
Delta R.T.: -0.033 min
Response: 396987
Conc: 3.04 ug/ml



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

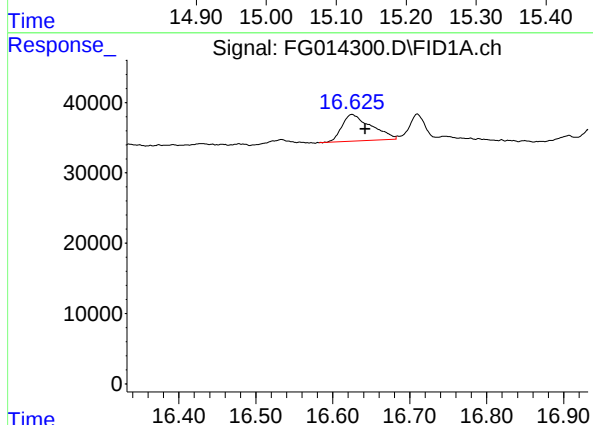
R.T.: 15.096 min
Delta R.T.: 0.010 min
Response: 127711
Conc: 1.12 ug/ml

Instrument :
FID_G
ClientSampleId :
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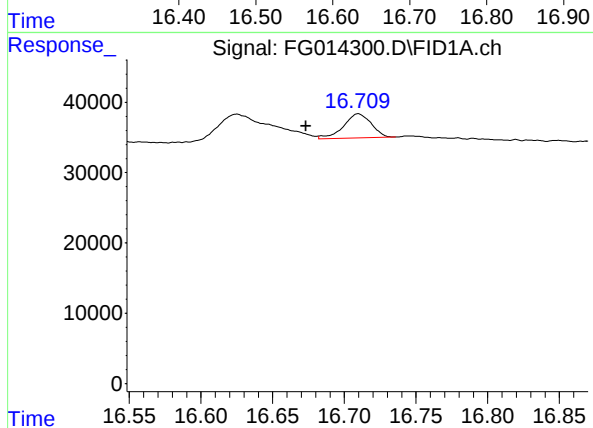
#15 Chrysene (C27.41)

R.T.: 15.096 min
Delta R.T.: -0.029 min
Response: 127711
Conc: 0.90 ug/ml



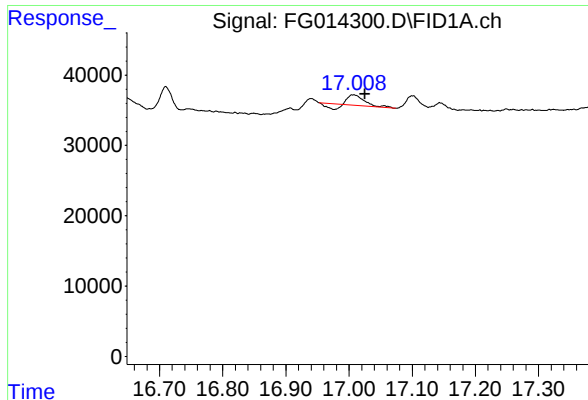
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.625 min
Delta R.T.: -0.017 min
Response: 98040
Conc: 0.86 ug/ml



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

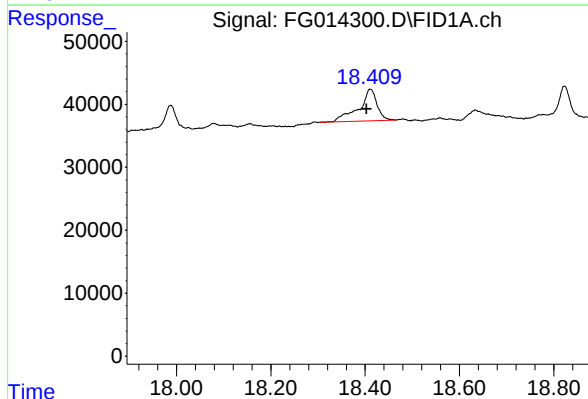
R.T.: 16.710 min
Delta R.T.: 0.037 min
Response: 45451
Conc: 0.34 ug/ml



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

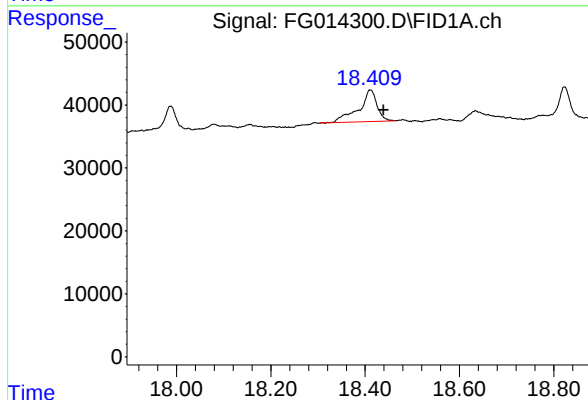
R.T.: 17.007 min
Delta R.T.: -0.018 min
Response: 17068
Conc: 0.14 ug/ml

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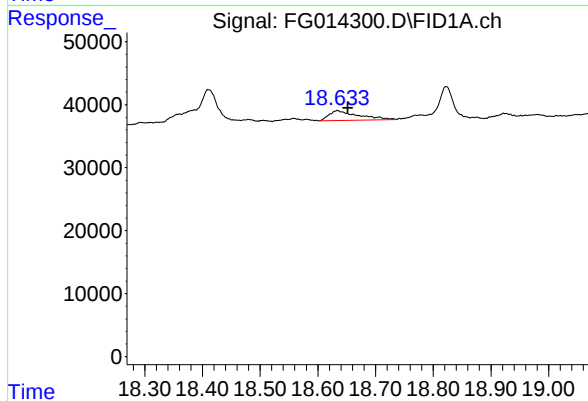
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.411 min
Delta R.T.: 0.008 min
Response: 134965
Conc: 1.37 ug/ml



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

R.T.: 18.411 min
Delta R.T.: -0.028 min
Response: 134965
Conc: 0.92 ug/ml



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

R.T.: 18.634 min
Delta R.T.: -0.018 min
Response: 54699
Conc: 0.42 ug/ml