

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014307.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 15:01
 Operator : YP\AJ
 Sample : P4104-10DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14-5-7.5B-EPH-5DL

Integration File: autoint1.e
 Quant Time: Sep 21 03:14:16 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...	7.872	4868653	43.517 ug/ml
Spiked Amount 50.000		Recovery =	87.03%
6) S 2-Fluorobiphenyl (SURR)	8.803	767758	10.545 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.09%
11) S ortho-Terphenyl (SURR)	11.848	309384	2.295 ug/ml
Spiked Amount 50.000		Recovery =	4.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.476	9947179	77.267 ug/ml
2) T Naphthalene (C11.7)	6.146	8647867	68.556 ug/ml
3) T 2-Methylnaphthalene (...)	7.247	13855686	108.786 ug/ml
5) T Acenaphthylene (C15.06)	8.596	867177	6.672 ug/ml
7) T Acenaphthene (C15.5)	8.862	1282758	9.263 ug/ml
8) T Fluorene (C16.55)	9.657	658449	5.080 ug/ml
9) T Phenanthrene (C19.36)	11.043	651742	5.393 ug/ml
10) T Anthracene (C19.43)	11.129	351876	2.536 ug/ml
12) T Fluoranthene (C21.85)	12.873	238749	1.842 ug/ml
13) T Pyrene (C20.8)	13.165	116107	0.889 ug/ml
16) T benzo[b]fluoranthene ...	16.711f	76309	0.666 ug/ml
17) T Bnezo[k]fluoranthene ...	16.711	76309	0.567 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.413	71993	0.728 ug/ml
20) T Dibenz[a,h]anthracene...	18.413	71993	0.489 ug/ml

(f)=RT Delta > 1/2 Window

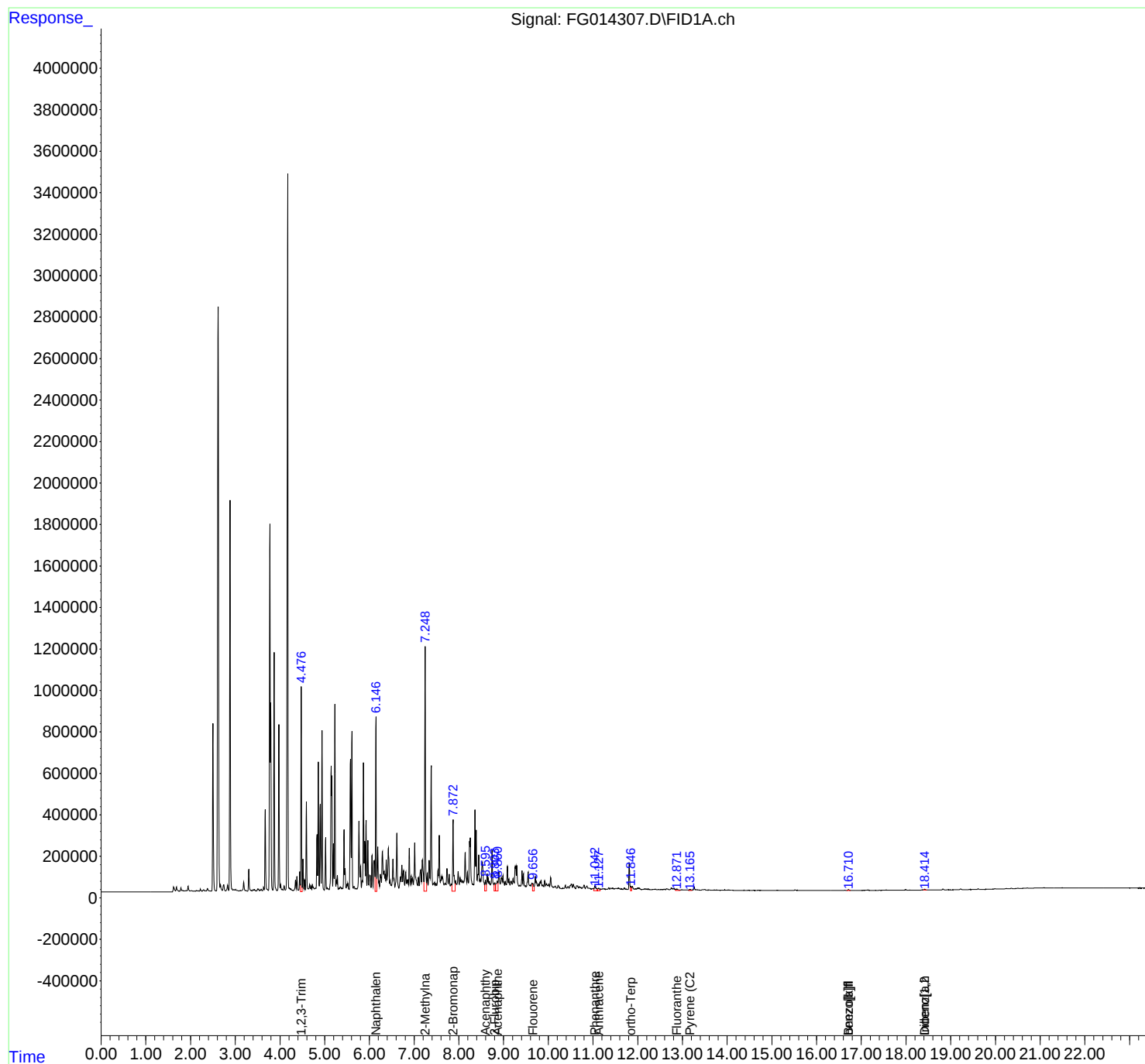
(m)=manual int.

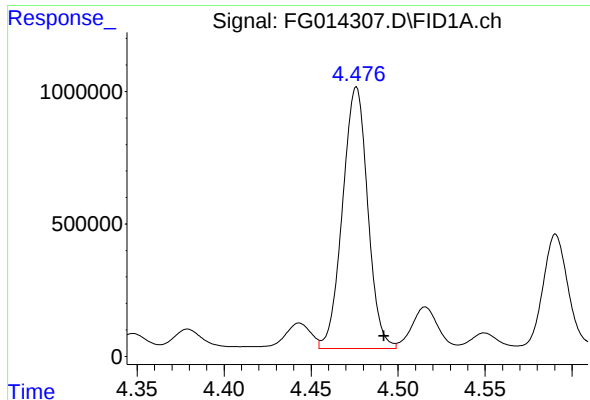
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Quant Title : GC Extractables
QLast Update : Wed Sep 04 11:28:29 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

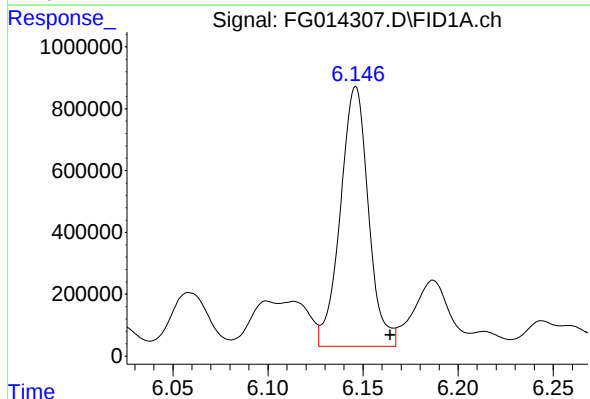




#1 1,2,3-Trimethylbenzene (C10.1)

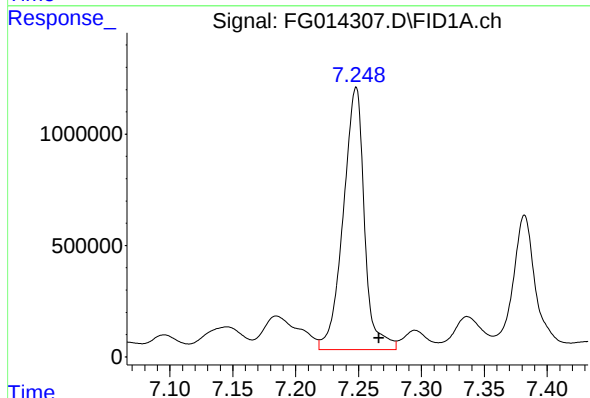
R.T.: 4.476 min
Delta R.T.: -0.016 min
Response: 9947179
Conc: 77.27 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-5-7.5B-EPH-5DL



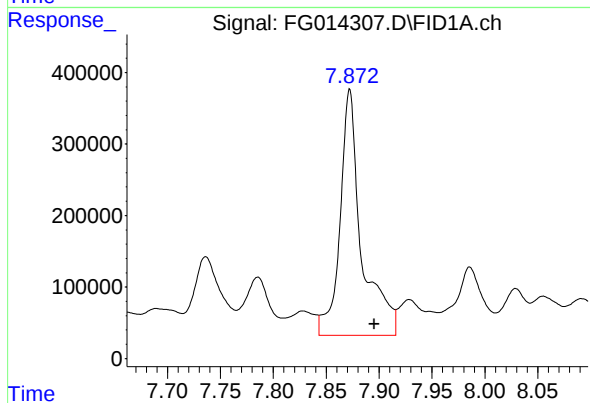
#2 Naphthalene (C11.7)

R.T.: 6.146 min
Delta R.T.: -0.018 min
Response: 8647867
Conc: 68.56 ug/ml



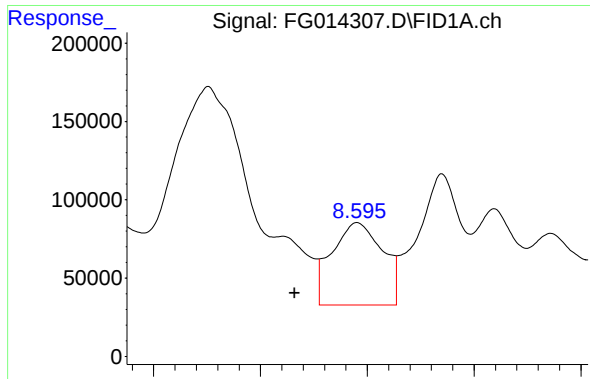
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.247 min
Delta R.T.: -0.019 min
Response: 13855686
Conc: 108.79 ug/ml



#4 2-Bromonaphthalene (SURR)

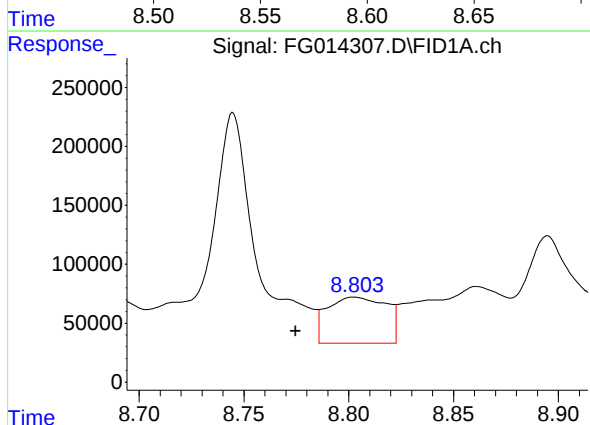
R.T.: 7.872 min
Delta R.T.: -0.023 min
Response: 4868653
Conc: 43.52 ug/ml



#5 Acenaphthylene (C15.06)

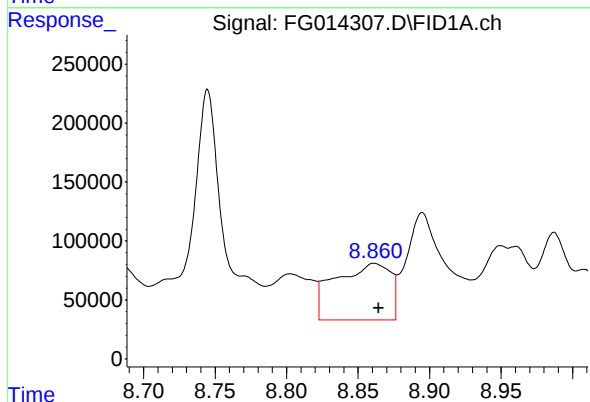
R.T.: 8.596 min
Delta R.T.: 0.029 min
Response: 867177
Conc: 6.67 ug/ml

Instrument :
FID_G
ClientSampleId :
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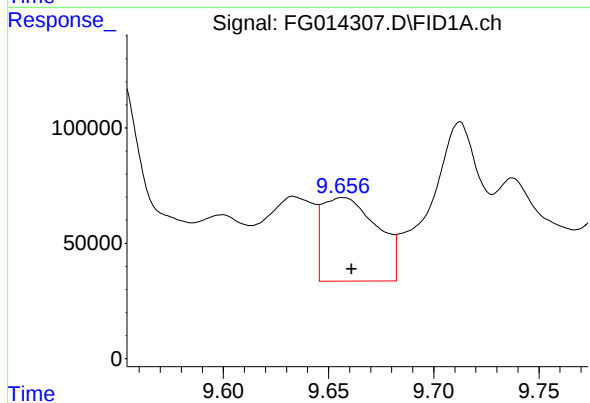
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.803 min
Delta R.T.: 0.028 min
Response: 767758
Conc: 10.55 ug/ml



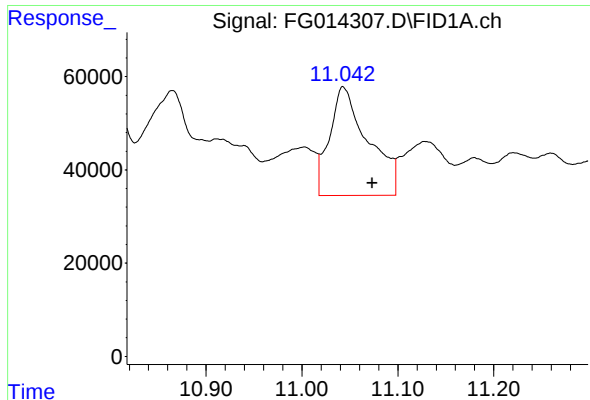
#7 Acenaphthene (C15.5)

R.T.: 8.862 min
Delta R.T.: -0.003 min
Response: 1282758
Conc: 9.26 ug/ml



#8 Flouorene (C16.55)

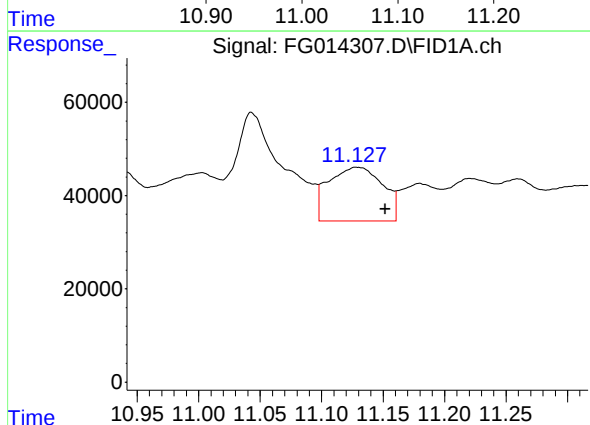
R.T.: 9.657 min
Delta R.T.: -0.004 min
Response: 658449
Conc: 5.08 ug/ml



#9 Phenanthrene (C19.36)

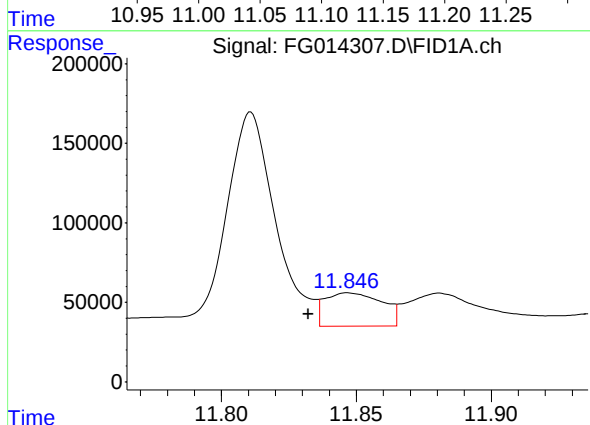
R.T.: 11.043 min
Delta R.T.: -0.030 min
Response: 651742
Conc: 5.39 ug/ml

Instrument :
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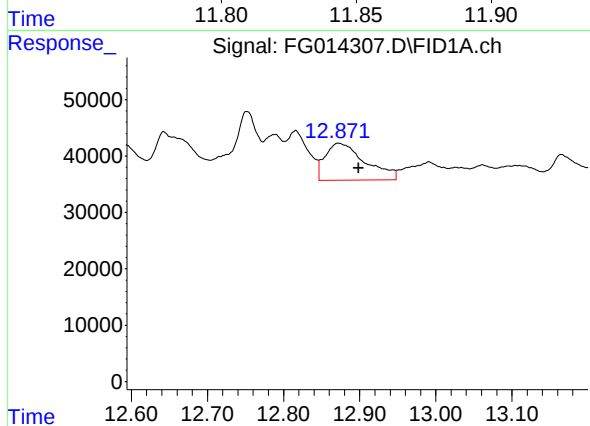
#10 Anthracene (C19.43)

R.T.: 11.129 min
Delta R.T.: -0.023 min
Response: 351876
Conc: 2.54 ug/ml



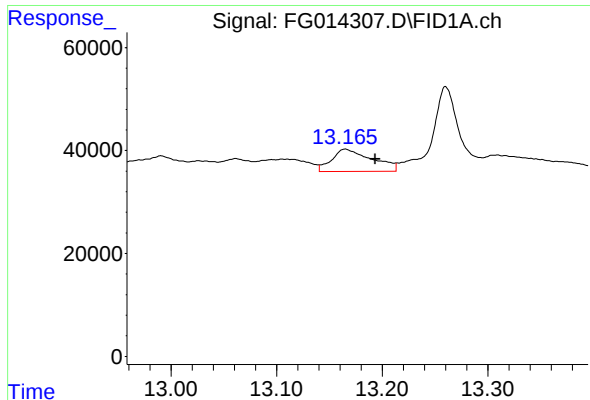
#11 ortho-Terphenyl (SURR)

R.T.: 11.848 min
Delta R.T.: 0.015 min
Response: 309384
Conc: 2.30 ug/ml



#12 Fluoranthene (C21.85)

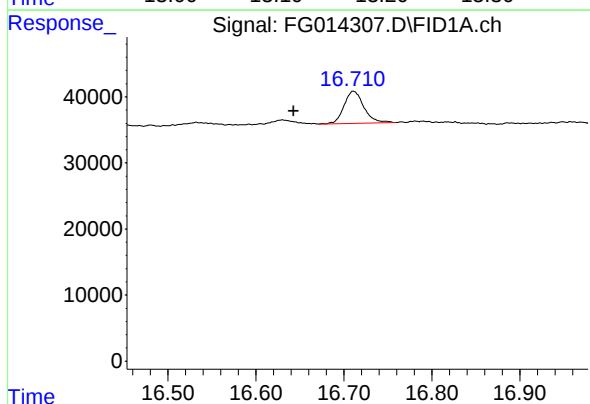
R.T.: 12.873 min
Delta R.T.: -0.026 min
Response: 238749
Conc: 1.84 ug/ml



#13 Pyrene (C20.8)

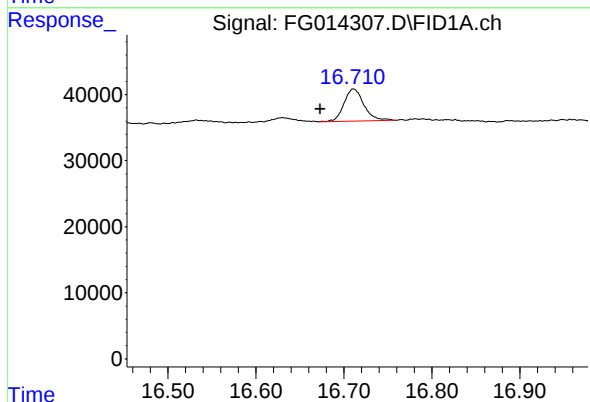
R.T.: 13.165 min
Delta R.T.: -0.028 min
Response: 116107
Conc: 0.89 ug/ml

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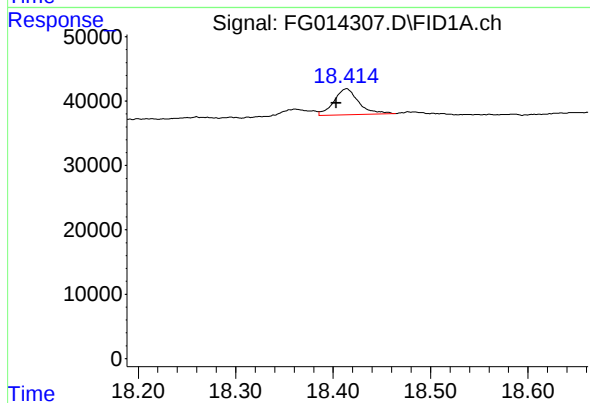
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.711 min
Delta R.T.: 0.069 min
Response: 76309
Conc: 0.67 ug/ml



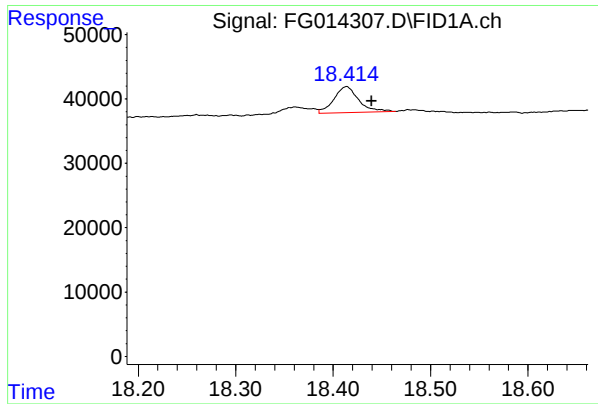
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.711 min
Delta R.T.: 0.038 min
Response: 76309
Conc: 0.57 ug/ml



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

R.T.: 18.413 min
Delta R.T.: 0.010 min
Response: 71993
Conc: 0.73 ug/ml



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

R.T.: 18.413 min
Delta R.T.: -0.026 min
Response: 71993
Conc: 0.49 ug/ml

Instrument :
FID_G
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