

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014318.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 21:51
 Operator : YP\AJ
 Sample : P4104-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14-7.5-10B-EPH-3

Integration File: autoint1.e
 Quant Time: Sep 21 03:16:22 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	6185442	55.287 ug/ml
Spiked Amount 50.000		Recovery =	110.57%
6) S 2-Fluorobiphenyl (SURR)	8.744	4575762	62.848 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	125.70%
11) S ortho-Terphenyl (SURR)	11.844	1746876	12.959 ug/ml
Spiked Amount 50.000		Recovery =	25.92%
Target Compounds			
2) T Naphthalene (C11.7)	6.185	84988	0.674 ug/ml
3) T 2-Methylnaphthalene (...)	7.246	1002500	7.871 ug/ml
5) T Acenaphthylene (C15.06)	8.536	1676044	12.895 ug/ml
7) T Acenaphthene (C15.5)	8.859	581452	4.199 ug/ml
8) T Fluorene (C16.55)	9.659	1109985	8.563 ug/ml
9) T Phenanthrene (C19.36)	11.072	1115753	9.232 ug/ml
10) T Anthracene (C19.43)	11.129	2092263	15.081 ug/ml
12) T Fluoranthene (C21.85)	12.862	2335897	18.019 ug/ml
13) T Pyrene (C20.8)	13.158	1385549	10.611 ug/ml
14) T Benzo[a]anthracene (C...	15.084	155128	1.364 ug/ml
15) T Chrysene (C27.41)	15.121	175919	1.244 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.093f	39808	0.320 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.351	121626	1.230 ug/ml

(f)=RT Delta > 1/2 Window

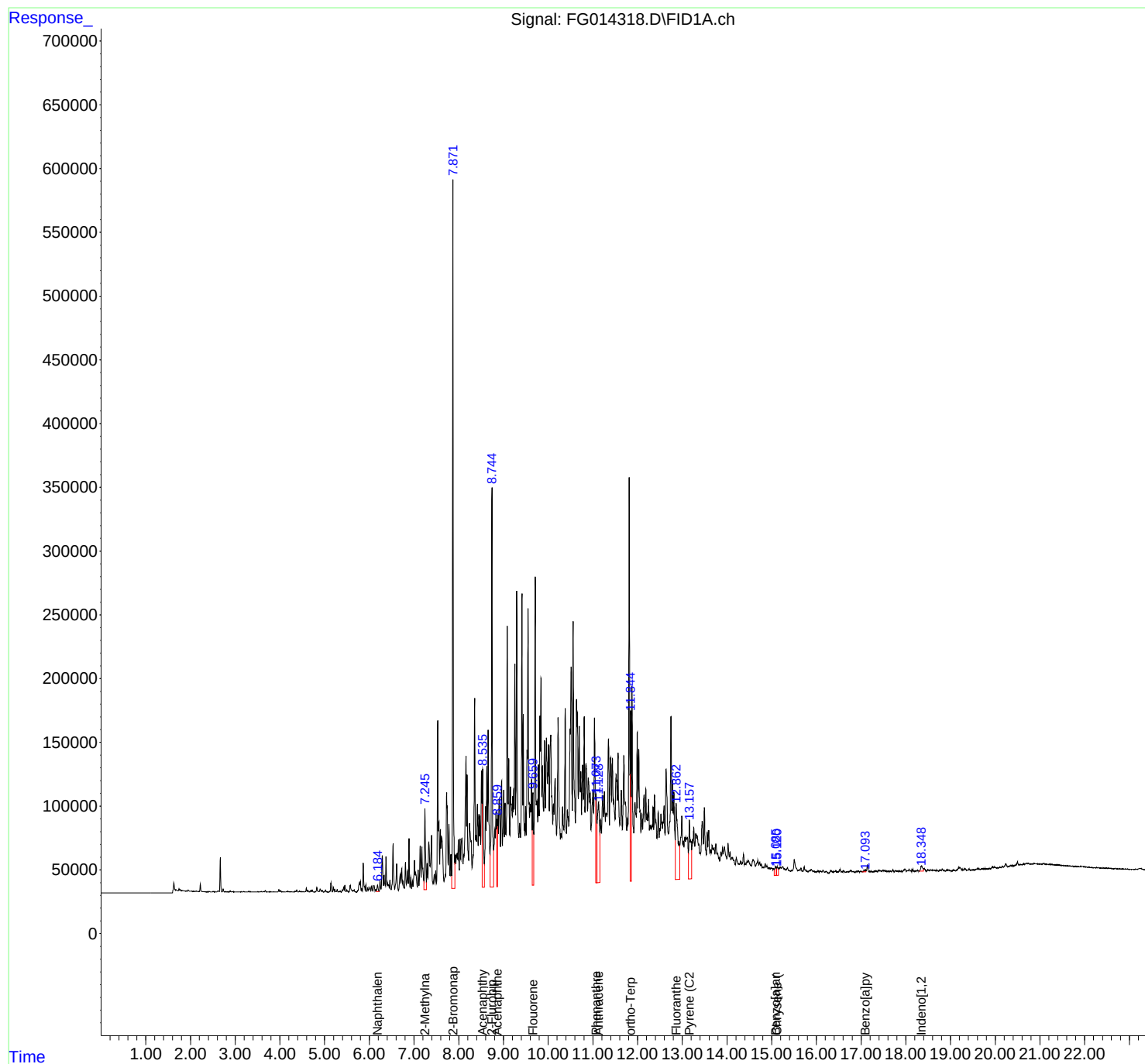
(m)=manual int.

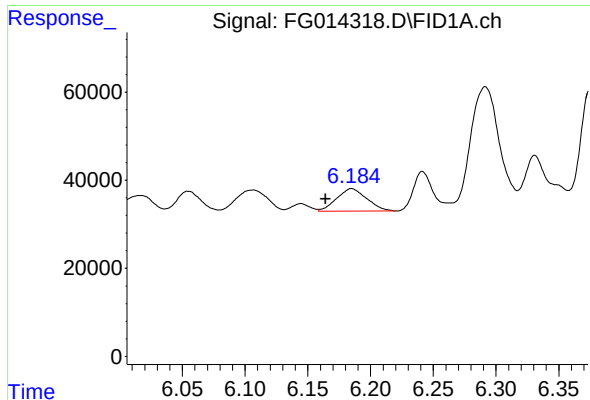
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Integrator: ChemStation

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Signal Info : 20M x 0.18mm x 0.18µm

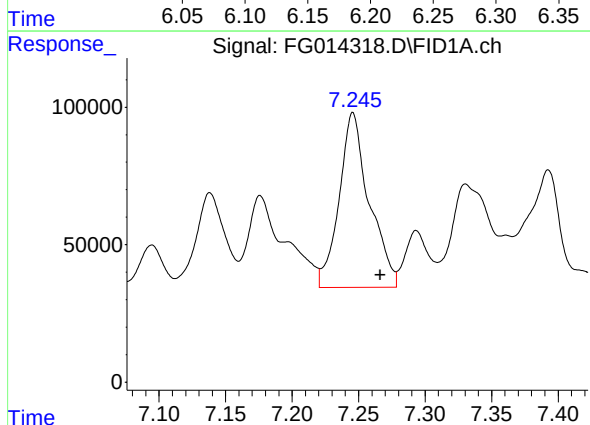




#2 Naphthalene (C11.7)

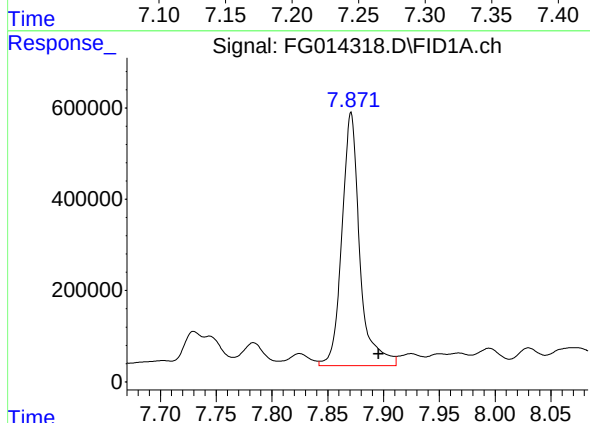
R.T.: 6.185 min
Delta R.T.: 0.021 min
Response: 84988
Conc: 0.67 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-7.5-10B-EPH-3



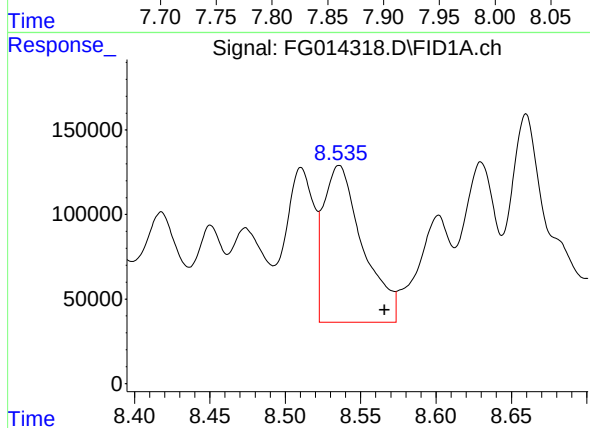
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.246 min
Delta R.T.: -0.021 min
Response: 1002500
Conc: 7.87 ug/ml



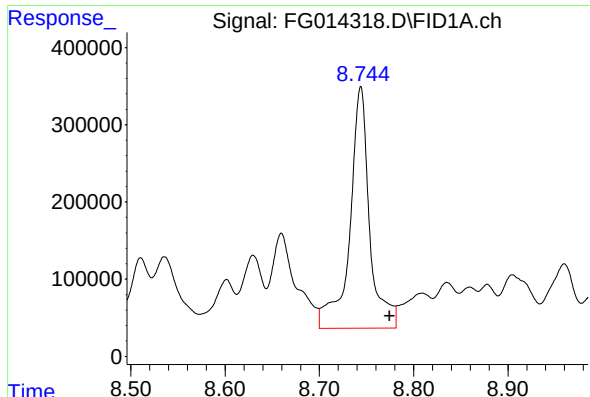
#4 2-Bromonaphthalene (SURR)

R.T.: 7.871 min
Delta R.T.: -0.025 min
Response: 6185442
Conc: 55.29 ug/ml



#5 Acenaphthylene (C15.06)

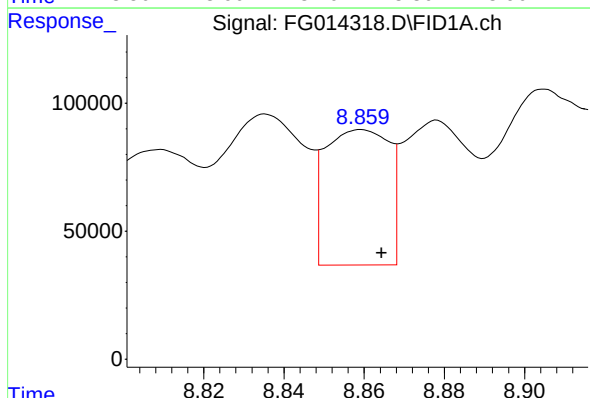
R.T.: 8.536 min
Delta R.T.: -0.030 min
Response: 1676044
Conc: 12.90 ug/ml



#6 2-Fluorobiphenyl (SURR)

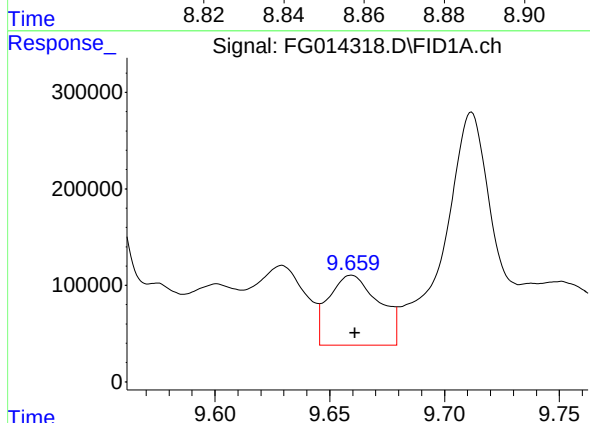
R.T.: 8.744 min
Delta R.T.: -0.031 min
Response: 4575762
Conc: 62.85 ug/ml

Instrument :
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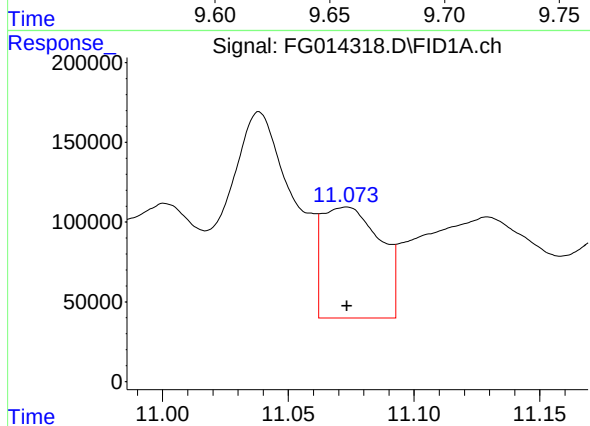
#7 Acenaphthene (C15.5)

R.T.: 8.859 min
Delta R.T.: -0.005 min
Response: 581452
Conc: 4.20 ug/ml



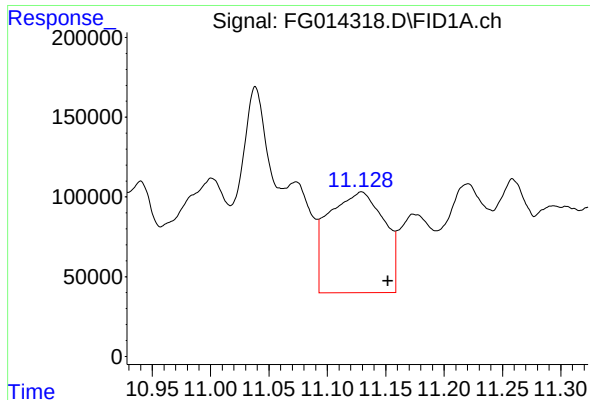
#8 Flouorene (C16.55)

R.T.: 9.659 min
Delta R.T.: -0.002 min
Response: 1109985
Conc: 8.56 ug/ml



#9 Phenanthrene (C19.36)

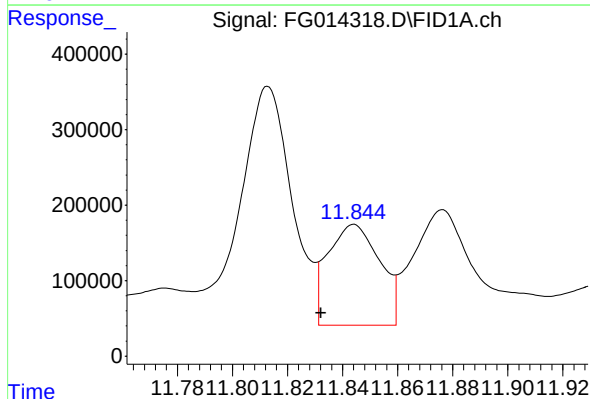
R.T.: 11.072 min
Delta R.T.: -0.001 min
Response: 1115753
Conc: 9.23 ug/ml



#10 Anthracene (C19.43)

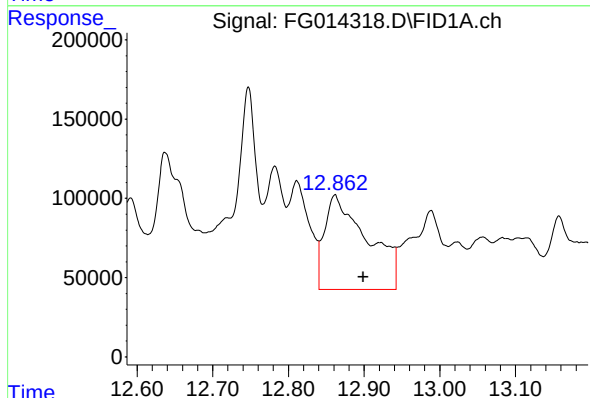
R.T.: 11.129 min
Delta R.T.: -0.023 min
Response: 2092263
Conc: 15.08 ug/ml

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FID_G
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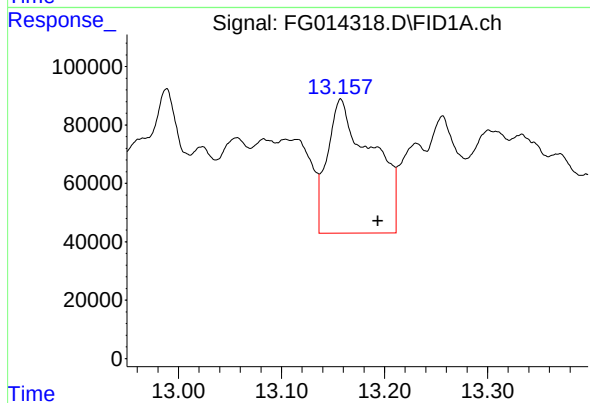
#11 ortho-Terphenyl (SURR)

R.T.: 11.844 min
Delta R.T.: 0.012 min
Response: 1746876
Conc: 12.96 ug/ml



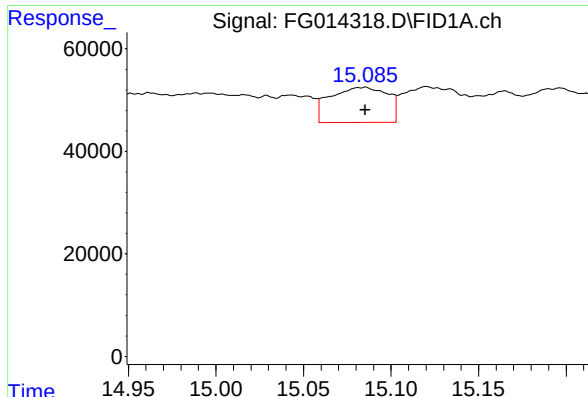
#12 Fluoranthene (C21.85)

R.T.: 12.862 min
Delta R.T.: -0.037 min
Response: 2335897
Conc: 18.02 ug/ml



#13 Pyrene (C20.8)

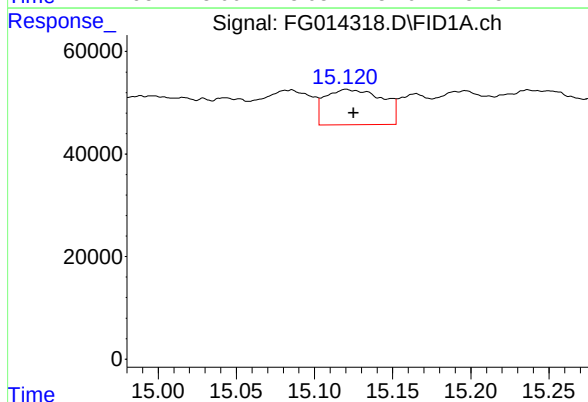
R.T.: 13.158 min
Delta R.T.: -0.036 min
Response: 1385549
Conc: 10.61 ug/ml



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

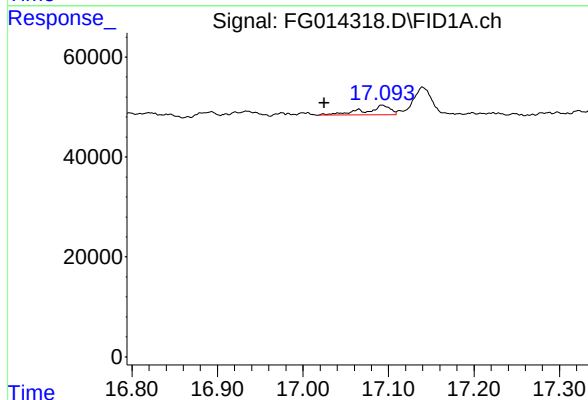
R.T.: 15.084 min
Delta R.T.: -0.002 min
Response: 155128
Conc: 1.36 ug/ml

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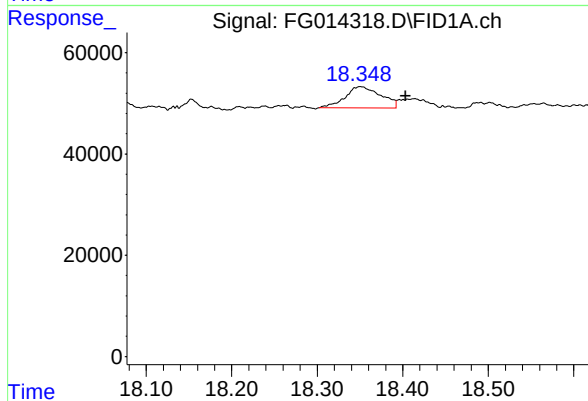
#15 Chrysene (C27.41)

R.T.: 15.121 min
Delta R.T.: -0.004 min
Response: 175919
Conc: 1.24 ug/ml



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

R.T.: 17.093 min
Delta R.T.: 0.068 min
Response: 39808
Conc: 0.32 ug/ml



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

R.T.: 18.351 min
Delta R.T.: -0.052 min
Response: 121626
Conc: 1.23 ug/ml