

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014304.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 12:35
 Operator : YP\AJ
 Sample : P4103-09DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14-5-7.5B-EPH-4DL

Integration File: autoint1.e
 Quant Time: Sep 21 03:13:44 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	1398188	12.497 ug/ml
Spiked Amount 50.000		Recovery =	24.99%
6) S 2-Fluorobiphenyl (SURR)	8.746	1101091	15.124 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	30.25%
11) S ortho-Terphenyl (SURR)	11.811	660302	4.899 ug/ml
Spiked Amount 50.000		Recovery =	9.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.476	319893	2.485 ug/ml
2) T Naphthalene (C11.7)	6.145	360159	2.855 ug/ml
3) T 2-Methylnaphthalene (...)	7.242	856266	6.723 ug/ml
5) T Acenaphthylene (C15.06)	8.594	156853	1.207 ug/ml
7) T Acenaphthene (C15.5)	8.862	220776	1.594 ug/ml
8) T Fluorene (C16.55)	9.648	180874	1.395 ug/ml
9) T Phenanthrene (C19.36)	11.051	69334	0.574 ug/ml
12) T Fluoranthene (C21.85)	12.876	107741	0.831 ug/ml
13) T Pyrene (C20.8)	13.171	73082	0.560 ug/ml
14) T Benzo[a]anthracene (C...	15.101	77126	0.678 ug/ml
15) T Chrysene (C27.41)	15.101	77126	0.546 ug/ml
16) T benzo[b]fluoranthene ...	16.633	54345	0.474 ug/ml
17) T Bnezo[k]fluoranthene ...	16.710	181944	1.353 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.414	64666	0.654 ug/ml
20) T Dibenz[a,h]anthracene...	18.414	64666	0.439 ug/ml

(f)=RT Delta > 1/2 Window

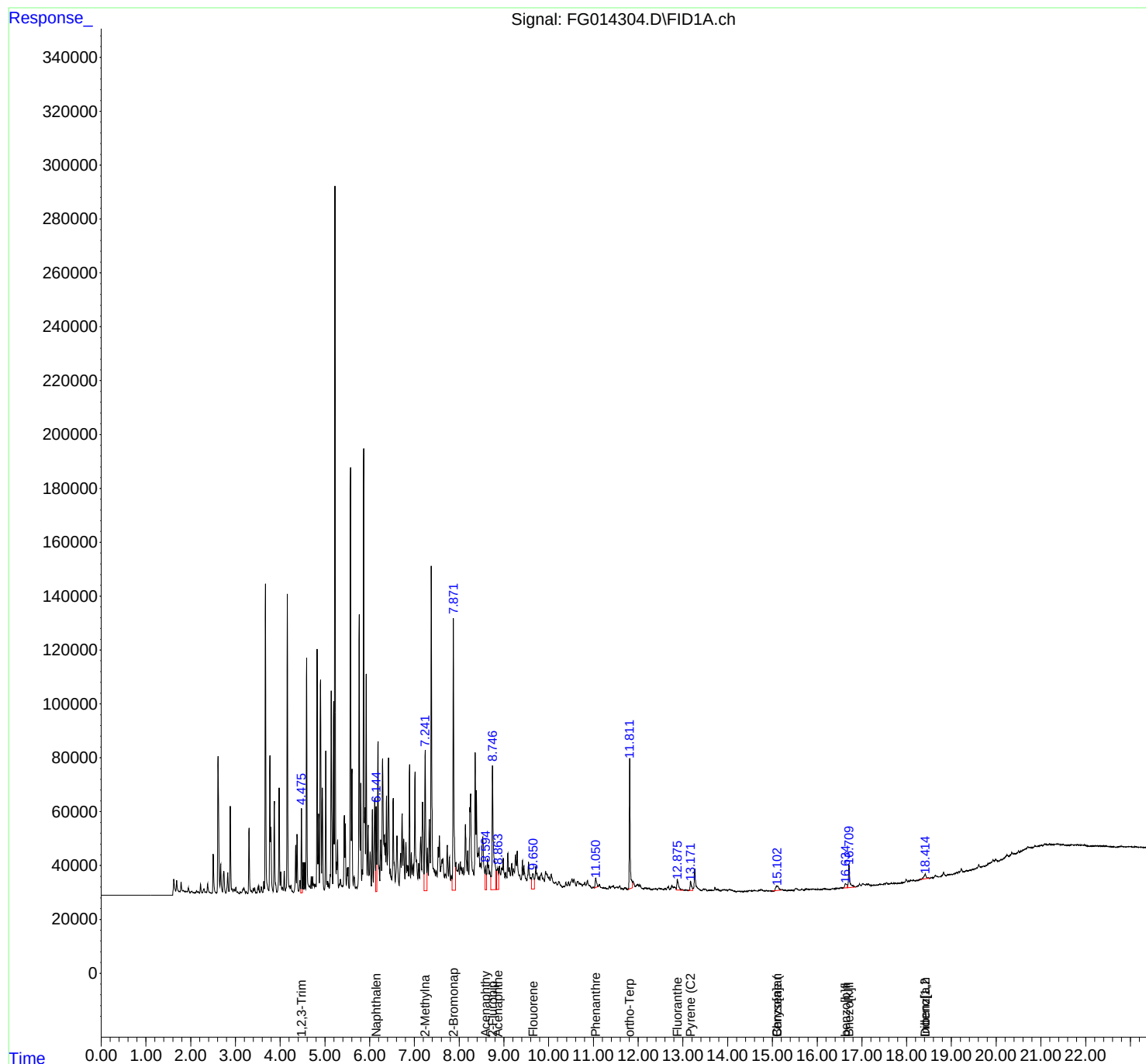
(m)=manual int.

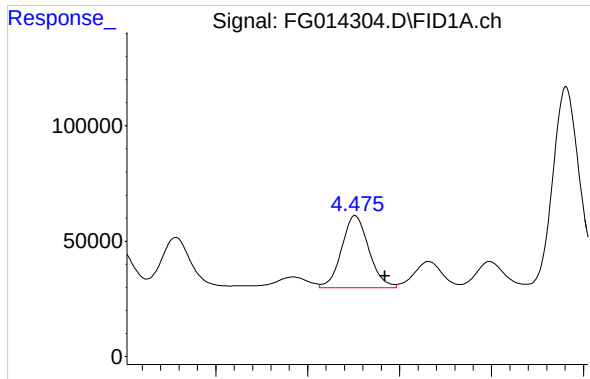
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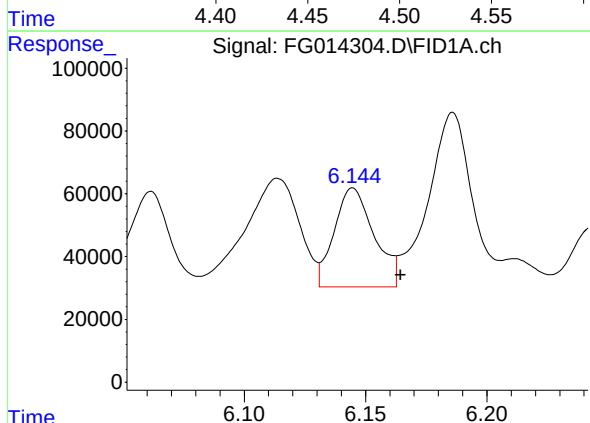




#1 1,2,3-Trimethylbenzene (C10.1)

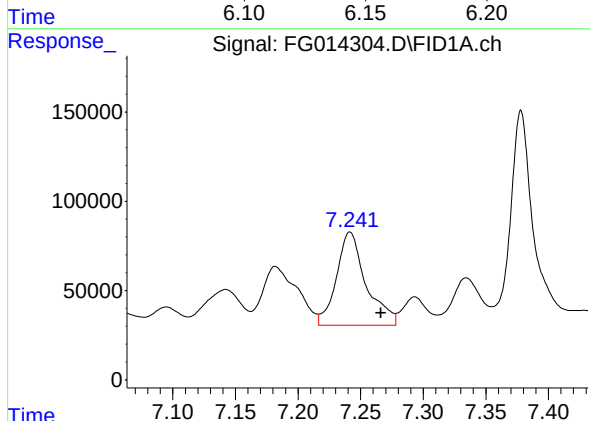
R.T.: 4.476 min
Delta R.T.: -0.016 min
Response: 319893
Conc: 2.48 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-5-7.5B-EPH-4DL



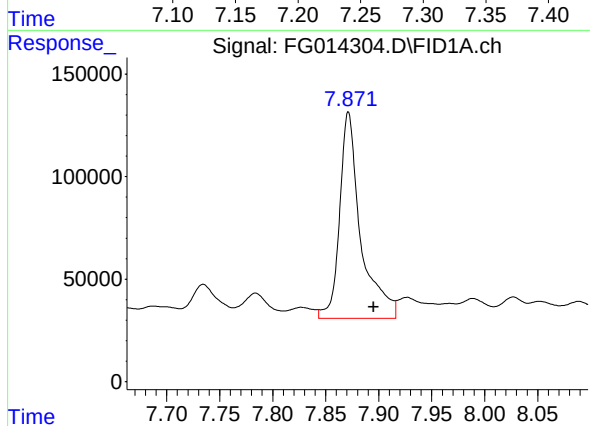
#2 Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: -0.019 min
Response: 360159
Conc: 2.86 ug/ml



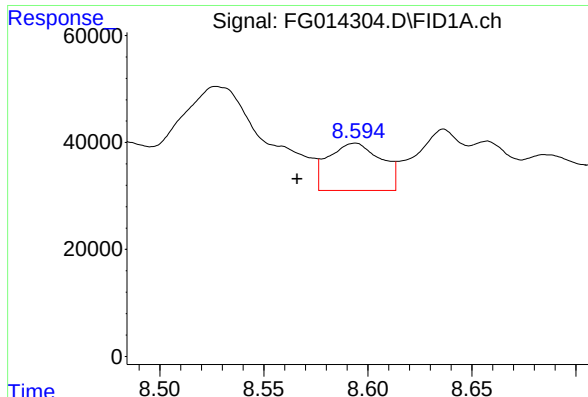
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.242 min
Delta R.T.: -0.025 min
Response: 856266
Conc: 6.72 ug/ml



#4 2-Bromonaphthalene (SURR)

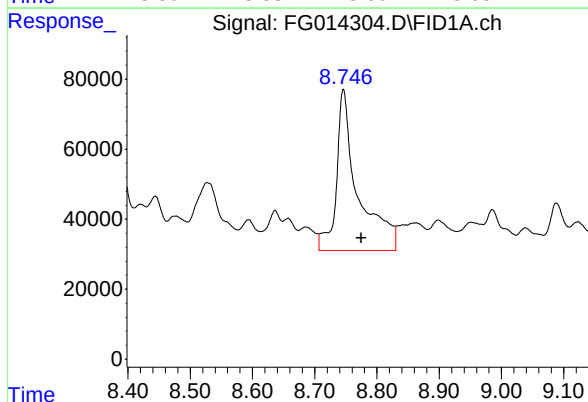
R.T.: 7.872 min
Delta R.T.: -0.024 min
Response: 1398188
Conc: 12.50 ug/ml



#5 Acenaphthylene (C15.06)

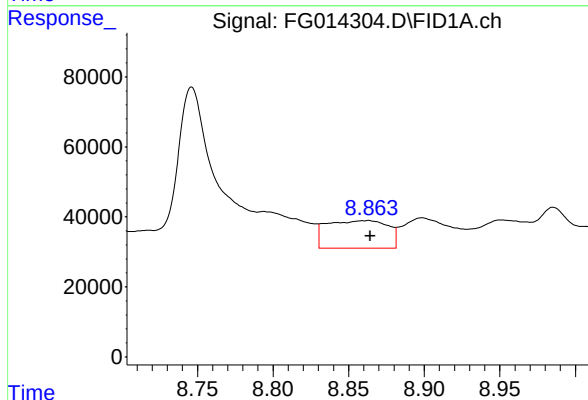
R.T.: 8.594 min
Delta R.T.: 0.027 min
Response: 156853
Conc: 1.21 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-5-7.5B-EPH-4DL



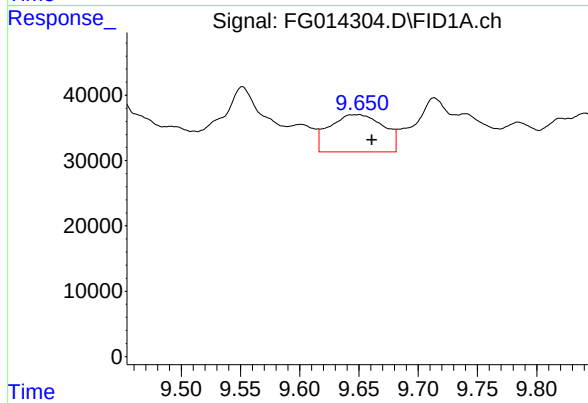
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.746 min
Delta R.T.: -0.028 min
Response: 1101091
Conc: 15.12 ug/ml



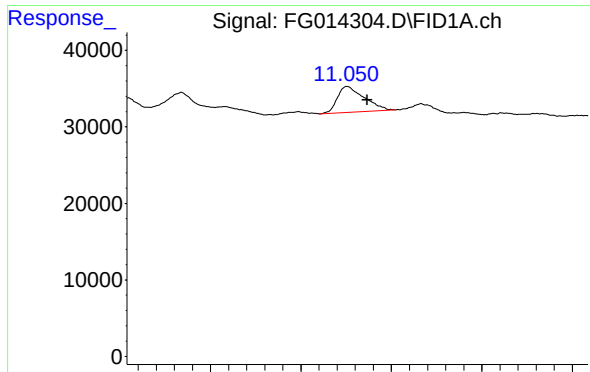
#7 Acenaphthene (C15.5)

R.T.: 8.862 min
Delta R.T.: -0.003 min
Response: 220776
Conc: 1.59 ug/ml



#8 Flouorene (C16.55)

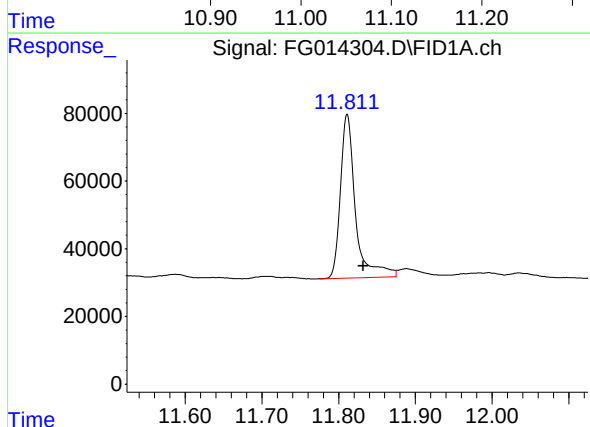
R.T.: 9.648 min
Delta R.T.: -0.013 min
Response: 180874
Conc: 1.40 ug/ml



#9 Phenanthrene (C19.36)

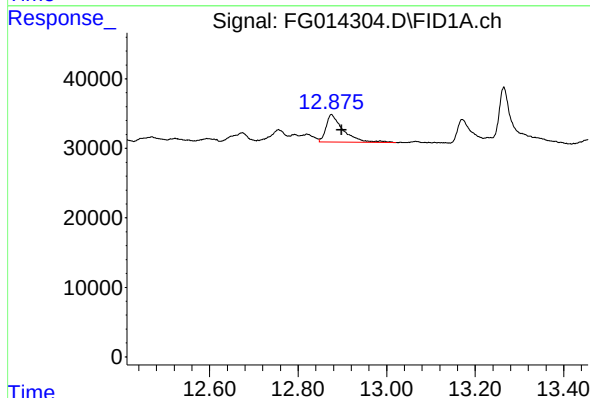
R.T.: 11.051 min
Delta R.T.: -0.022 min
Response: 69334
Conc: 0.57 ug/ml

Instrument :
FID_G
ClientSampleId :
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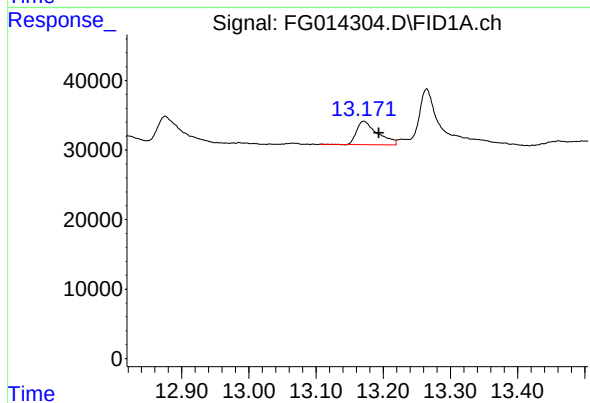
#11 ortho-Terphenyl (SURRE)

R.T.: 11.811 min
Delta R.T.: -0.021 min
Response: 660302
Conc: 4.90 ug/ml



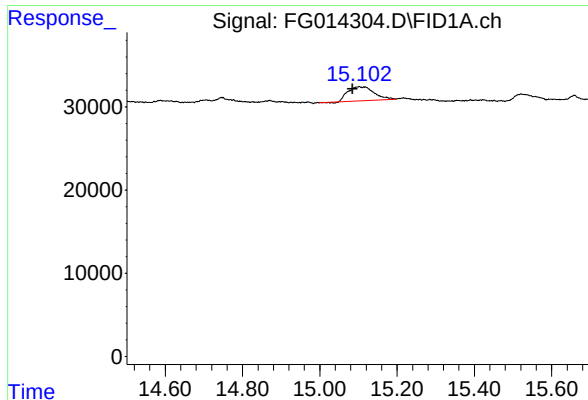
#12 Fluoranthene (C21.85)

R.T.: 12.876 min
Delta R.T.: -0.023 min
Response: 107741
Conc: 0.83 ug/ml



#13 Pyrene (C20.8)

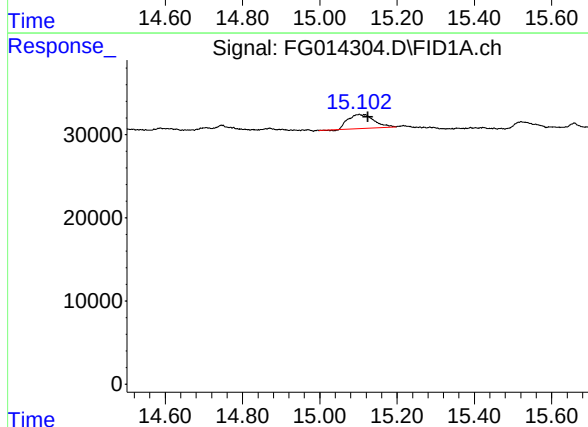
R.T.: 13.171 min
Delta R.T.: -0.022 min
Response: 73082
Conc: 0.56 ug/ml



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

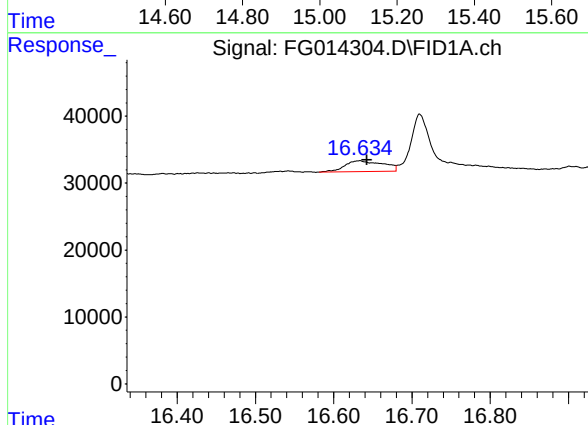
R.T.: 15.101 min
Delta R.T.: 0.016 min
Response: 77126
Conc: 0.68 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-5-7.5B-EPH-4DL



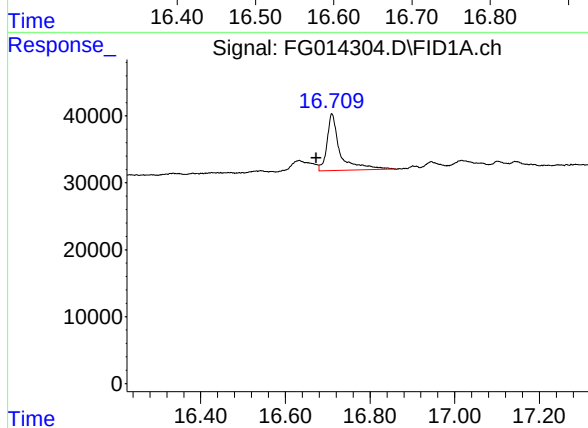
#15 Chrysene (C27.41)

R.T.: 15.101 min
Delta R.T.: -0.024 min
Response: 77126
Conc: 0.55 ug/ml



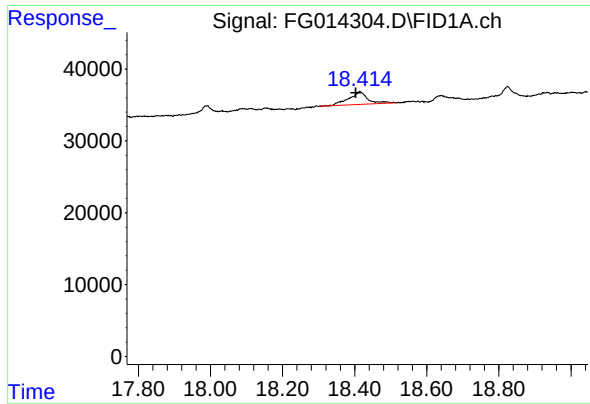
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.633 min
Delta R.T.: -0.010 min
Response: 54345
Conc: 0.47 ug/ml



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

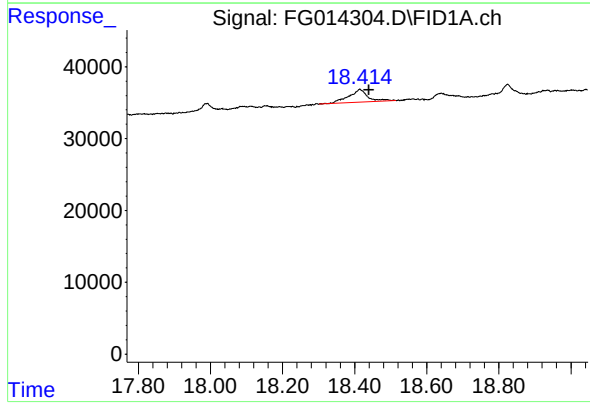
R.T.: 16.710 min
Delta R.T.: 0.037 min
Response: 181944
Conc: 1.35 ug/ml



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

R.T.: 18.414 min
Delta R.T.: 0.011 min
Response: 64666
Conc: 0.65 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-5-7.5B-EPH-4DL



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

R.T.: 18.414 min
Delta R.T.: -0.025 min
Response: 64666
Conc: 0.44 ug/ml