

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080624AR\
 Data File : FG014073.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2024 19:45
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 07 01:32:00 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...	7.894	2209198	19.692 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
6) S 2-Fluorobiphenyl (SURR)	8.767	1458358	19.420 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.84%
11) S ortho-Terphenyl (SURR)	11.835	2536403	19.174 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	2475553	19.161 ug/ml
2) T Naphthalene (C11.7)	6.166	2576435	19.373 ug/ml
3) T 2-Methylnaphthalene (...)	7.264	2543678	19.227 ug/ml
5) T Acenaphthylene (C15.06)	8.566	2503050	18.914 ug/ml
7) T Acenaphthene (C15.5)	8.865	2602005	19.238 ug/ml
8) T Fluorene (C16.55)	9.656	2495259	19.412 ug/ml
9) T Phenanthrene (C19.36)	11.063	2414961	19.375 ug/ml
10) T Anthracene (C19.43)	11.138	2400135	19.083 ug/ml
12) T Fluoranthene (C21.85)	12.884	2463467	19.305 ug/ml
13) T Pyrene (C20.8)	13.182	2467580	19.403 ug/ml
14) T Benzo[a]anthracene (C...	15.066	2243737	19.256 ug/ml
15) T Chrysene (C27.41)	15.108	2582901	18.939 ug/ml
16) T benzo[b]fluoranthene ...	16.626	2376930	19.227 ug/ml
17) T Bnezo[k]fluoranthene ...	16.657	2507795	18.760 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.007	2396512	19.002 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.381	1801097	17.592 ug/ml
20) T Dibenz[a,h]anthracene...	18.420	2675954	17.534 ug/ml
21) T Benzo[g,h,i]perylene ...	18.635	2464331	17.752 ug/ml

(f)=RT Delta > 1/2 Window

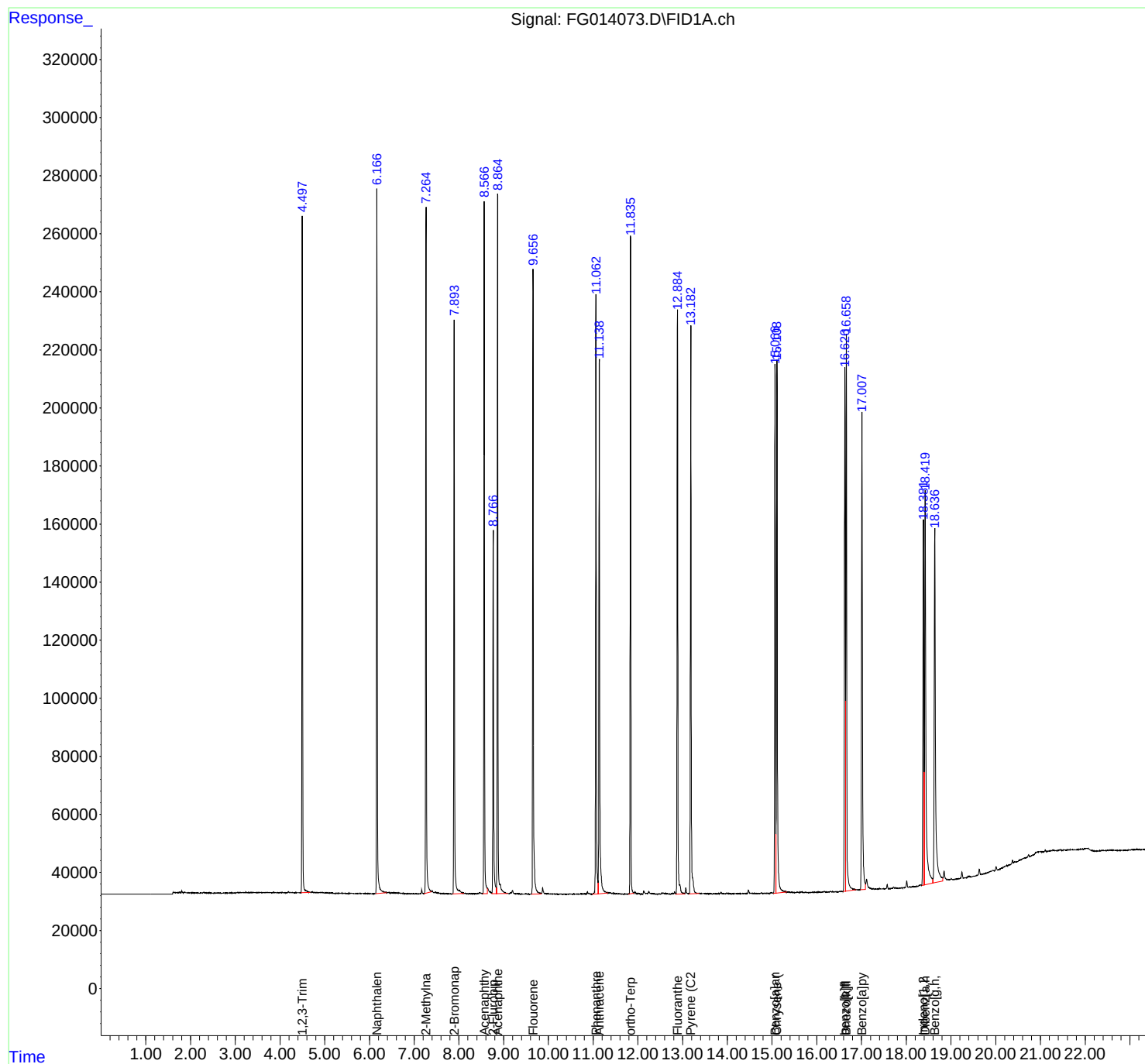
(m)=manual int.

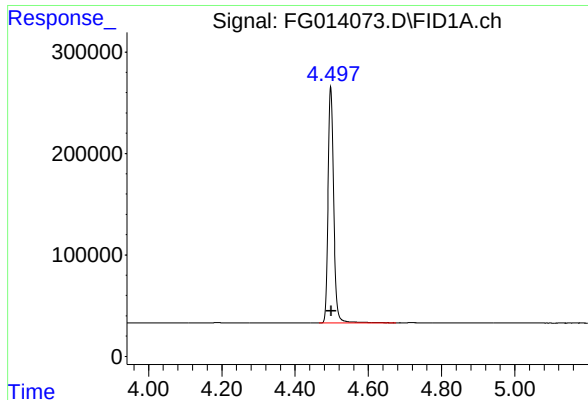
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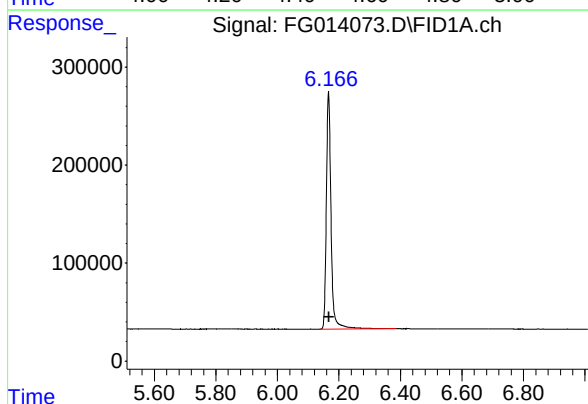




#1 1,2,3-Trimethylbenzene (C10.1)

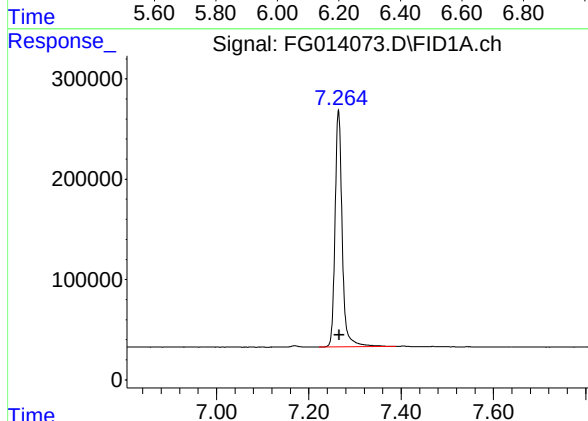
R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 2475553
Conc: 19.16 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



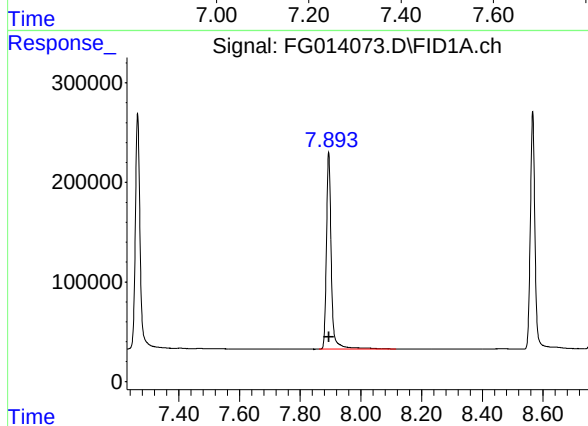
#2 Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 2576435
Conc: 19.37 ug/ml



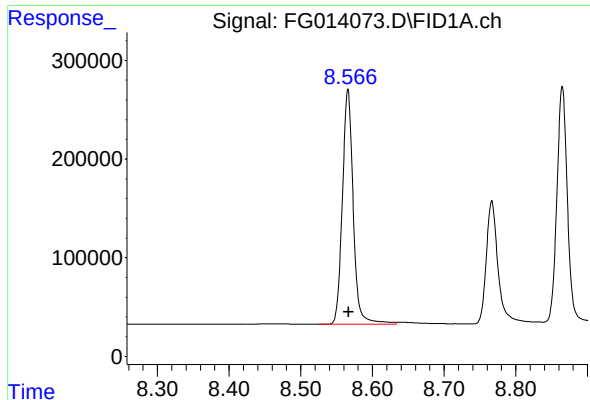
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: -0.001 min
Response: 2543678
Conc: 19.23 ug/ml



#4 2-Bromonaphthalene (SURR)

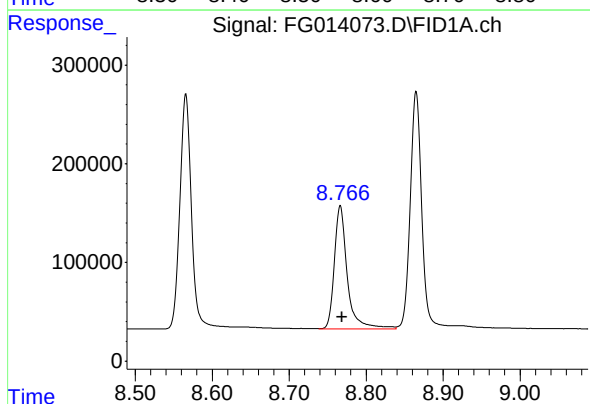
R.T.: 7.894 min
Delta R.T.: -0.001 min
Response: 2209198
Conc: 19.69 ug/ml



#5 Acenaphthylene (C15.06)

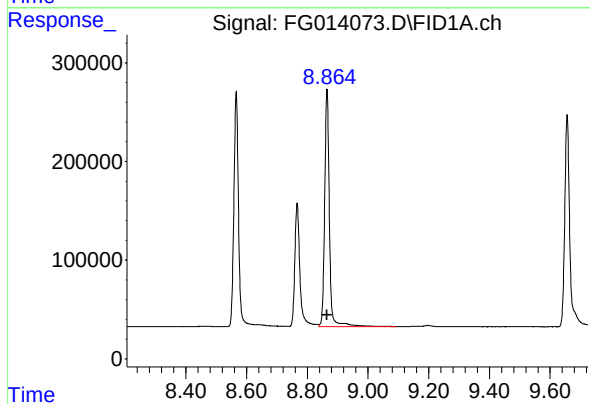
R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 2503050
Conc: 18.91 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



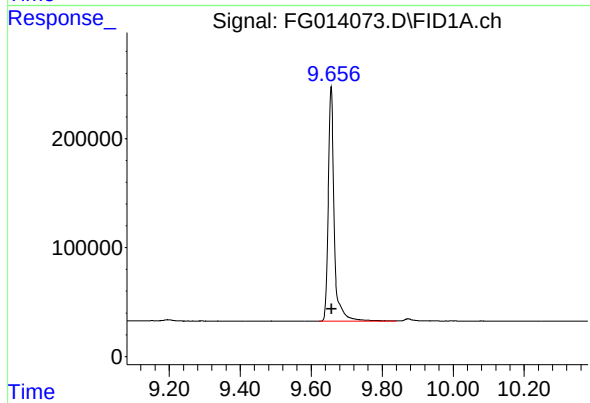
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.767 min
Delta R.T.: -0.002 min
Response: 1458358
Conc: 19.42 ug/ml



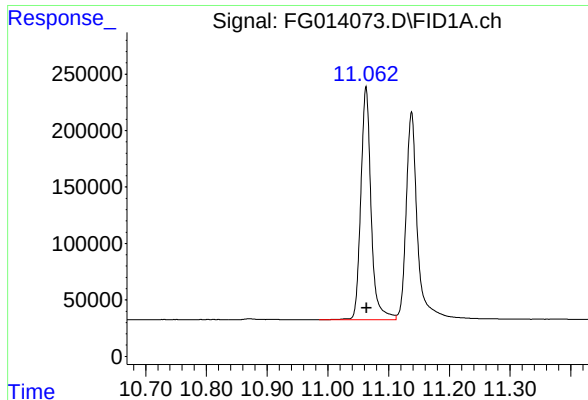
#7 Acenaphthene (C15.5)

R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 2602005
Conc: 19.24 ug/ml



#8 Flouorene (C16.55)

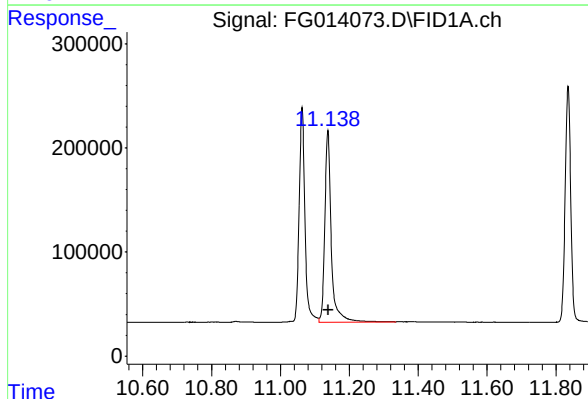
R.T.: 9.656 min
Delta R.T.: -0.001 min
Response: 2495259
Conc: 19.41 ug/ml



#9 Phenanthrene (C19.36)

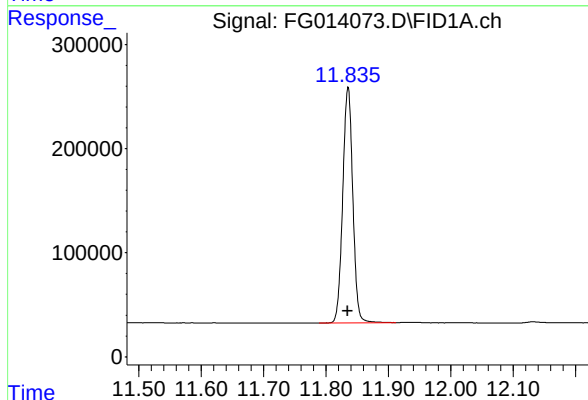
R.T.: 11.063 min
Delta R.T.: -0.001 min
Response: 2414961
Conc: 19.37 ug/ml

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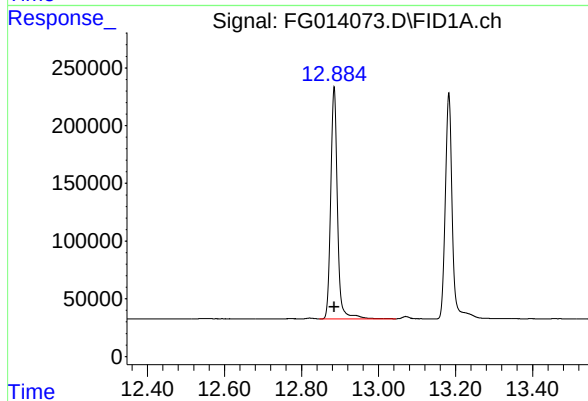
#10 Anthracene (C19.43)

R.T.: 11.138 min
Delta R.T.: -0.002 min
Response: 2400135
Conc: 19.08 ug/ml



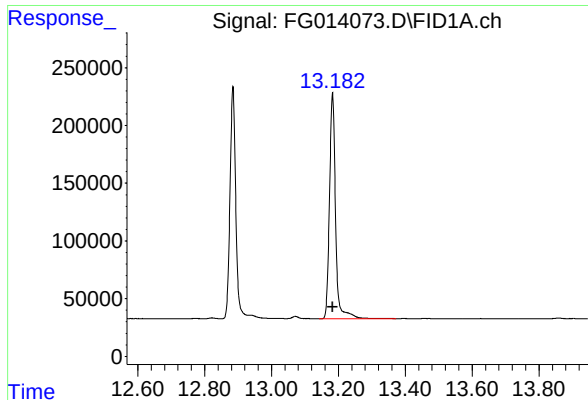
#11 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: 0.000 min
Response: 2536403
Conc: 19.17 ug/ml



#12 Fluoranthene (C21.85)

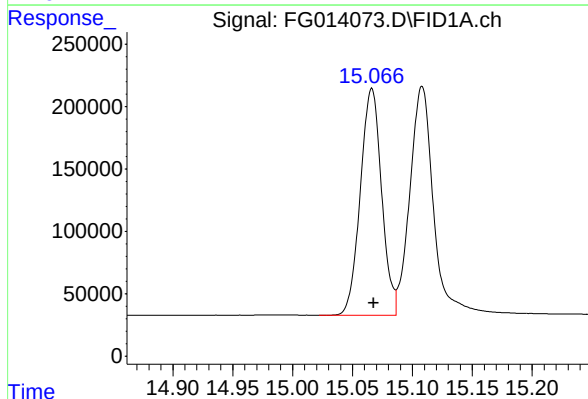
R.T.: 12.884 min
Delta R.T.: 0.000 min
Response: 2463467
Conc: 19.31 ug/ml



#13 Pyrene (C20.8)

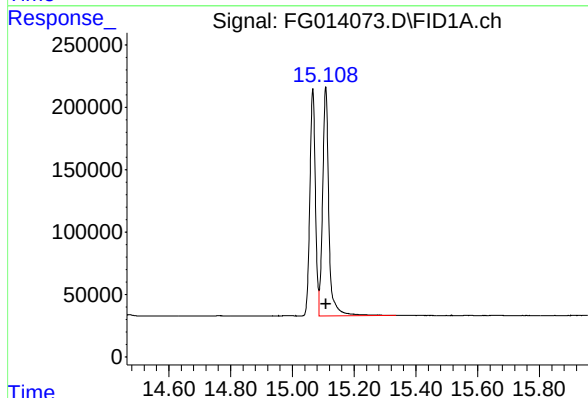
R.T.: 13.182 min
Delta R.T.: 0.000 min
Response: 2467580
Conc: 19.40 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



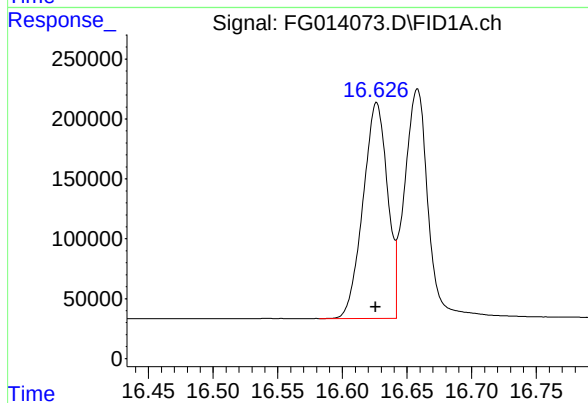
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.066 min
Delta R.T.: -0.002 min
Response: 2243737
Conc: 19.26 ug/ml



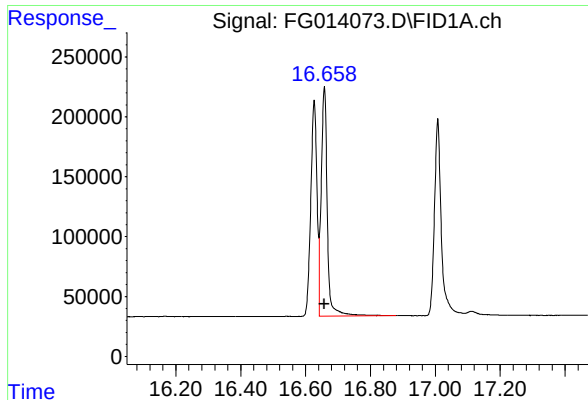
#15 Chrysene (C27.41)

R.T.: 15.108 min
Delta R.T.: -0.001 min
Response: 2582901
Conc: 18.94 ug/ml



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

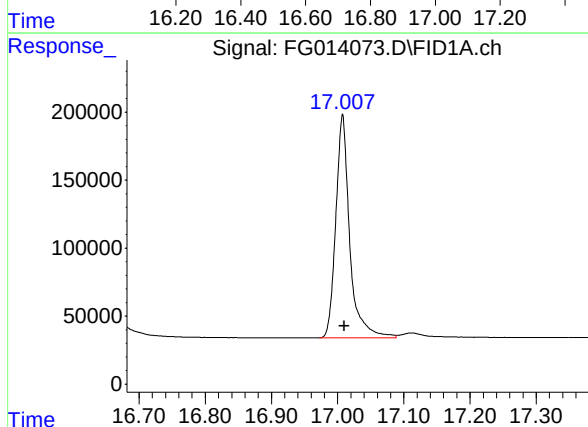
R.T.: 16.626 min
Delta R.T.: 0.000 min
Response: 2376930
Conc: 19.23 ug/ml



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

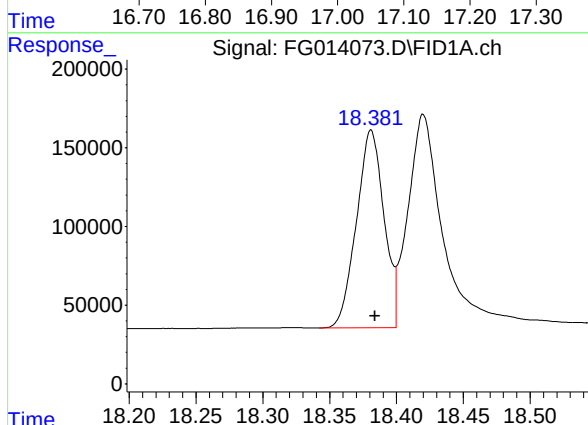
R.T.: 16.657 min
Delta R.T.: 0.000 min
Response: 2507795
Conc: 18.76 ug/ml

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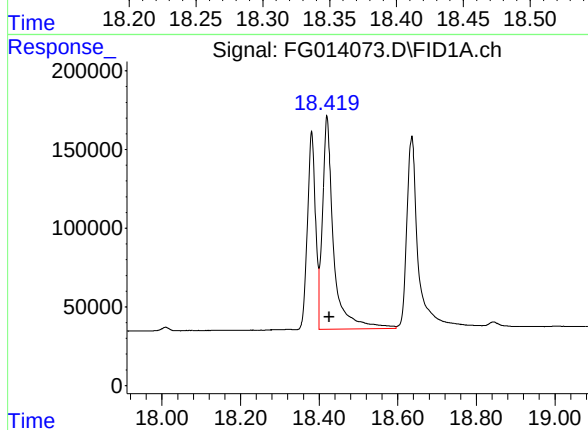
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.007 min
Delta R.T.: -0.003 min
Response: 2396512
Conc: 19.00 ug/ml



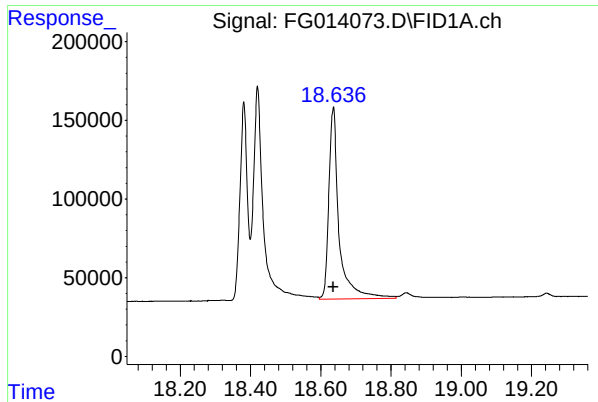
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.381 min
Delta R.T.: -0.003 min
Response: 1801097
Conc: 17.59 ug/ml



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

R.T.: 18.420 min
Delta R.T.: -0.006 min
Response: 2675954
Conc: 17.53 ug/ml



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

R.T.: 18.635 min
Delta R.T.: 0.000 min
Response: 2464331
Conc: 17.75 ug/ml

Instrument :

FID_G

ClientSampleId :

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