

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110823AR\
 Data File : FD046861.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2023 13:26
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 08 23:08:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.481	3776429	20.707 ug/ml
Spiked Amount 50.000		Recovery =	41.41%
6) S 2-Fluorobiphenyl (SURR)	8.334	2456427	20.873 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.75%
11) S ortho-Terphenyl (SURR)	11.371	4443051	20.982 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295	3943330	20.419 ug/ml
2) T Naphthalene (C11.7)	5.821	4106500	20.507 ug/ml
3) T 2-Methylnaphthalene (...)	6.870	4155020	20.673 ug/ml
5) T Acenaphthylene (C15.06)	8.138	3776739	20.534 ug/ml
7) T Acenaphthene (C15.5)	8.433	4057404	20.713 ug/ml
8) T Fluorene (C16.55)	9.211	3911863	21.149 ug/ml
9) T Phenanthrene (C19.36)	10.600	3728951	20.960 ug/ml
10) T Anthracene (C19.43)	10.674	3150814	18.489 ug/ml
12) T Fluoranthene (C21.85)	12.403	3639264	21.072 ug/ml
13) T Pyrene (C20.8)	12.696	3516793	21.150 ug/ml
14) T Benzo[a]anthracene (C...	14.560	2908920	20.676 ug/ml
15) T Chrysene (C27.41)	14.602	3110977	19.948 ug/ml
16) T benzo[b]fluoranthene ...	16.102	2966678	20.728 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	2995131	20.458 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	2865331	20.442 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	2720082	21.532 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	2931844	20.986 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	2862395	20.501 ug/ml

(f)=RT Delta > 1/2 Window

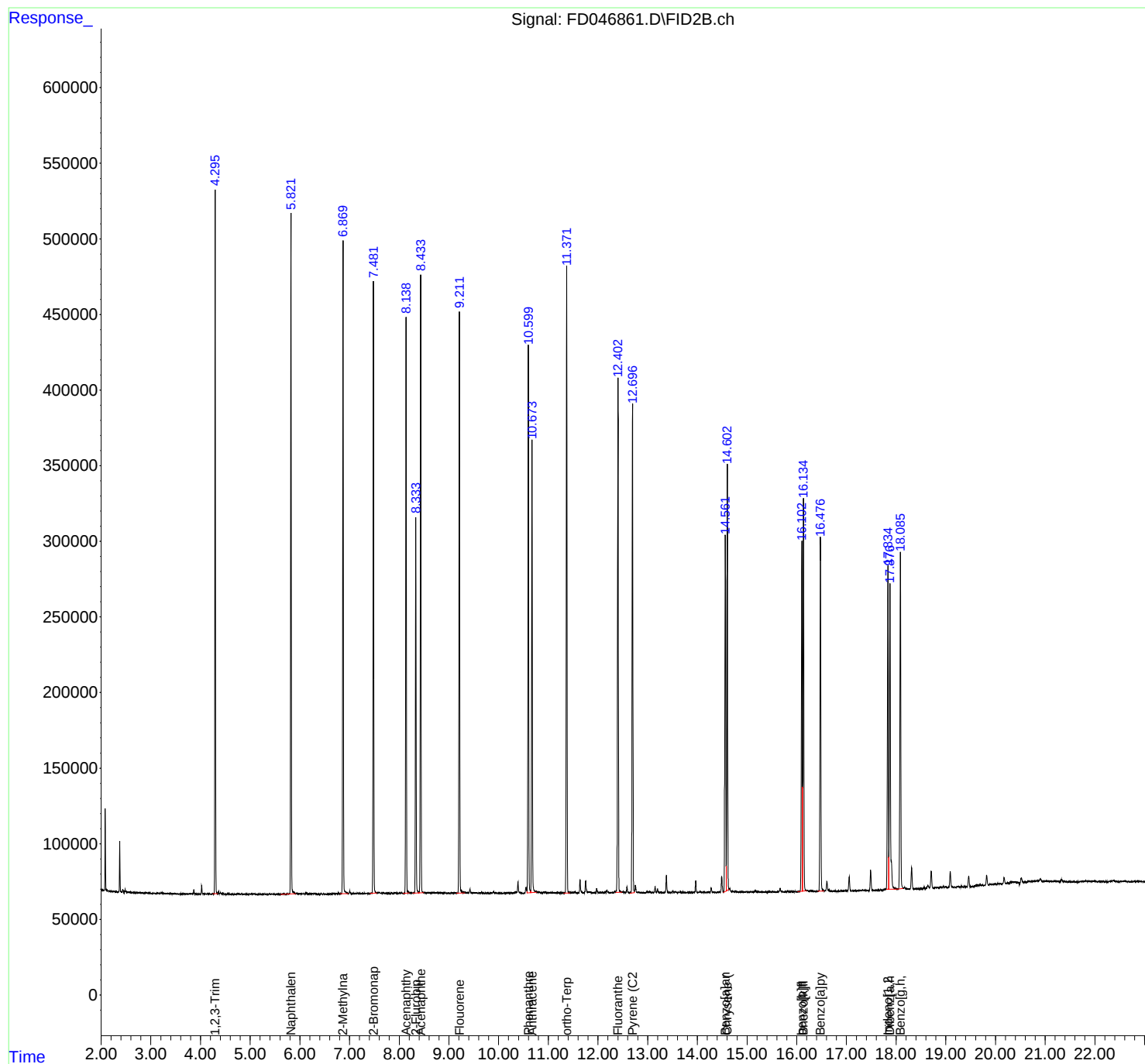
(m)=manual int.

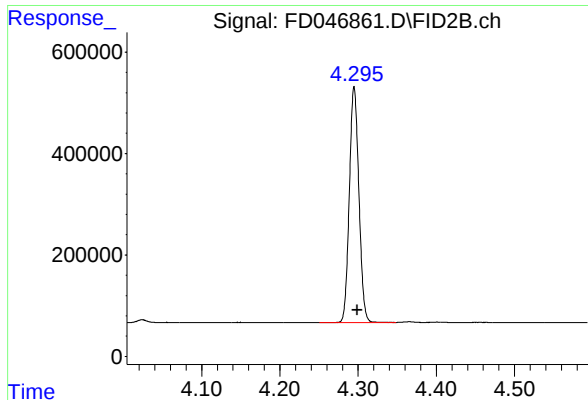
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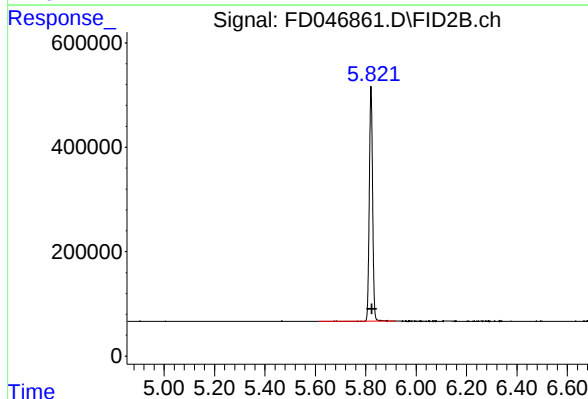




#1 1,2,3-Trimethylbenzene (C10.1)

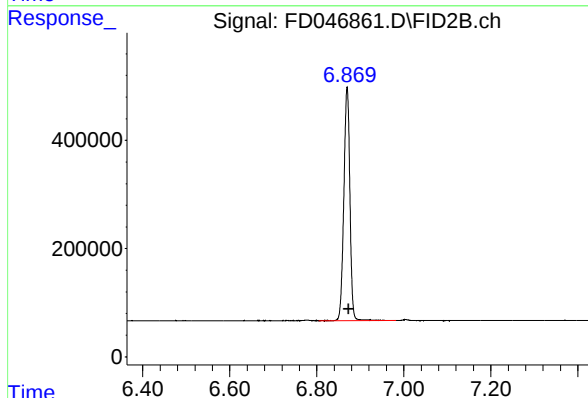
R.T.: 4.295 min
Delta R.T.: -0.004 min
Response: 3943330
Conc: 20.42 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



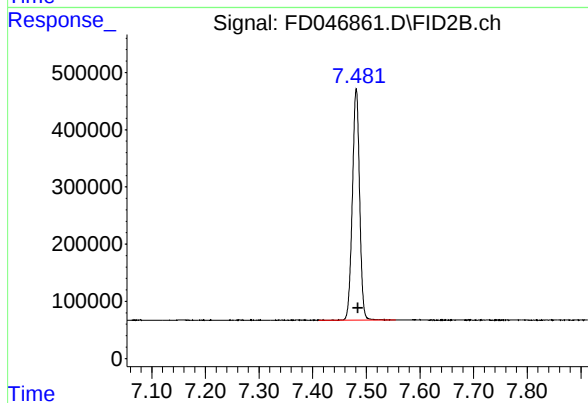
#2 Naphthalene (C11.7)

R.T.: 5.821 min
Delta R.T.: -0.003 min
Response: 4106500
Conc: 20.51 ug/ml



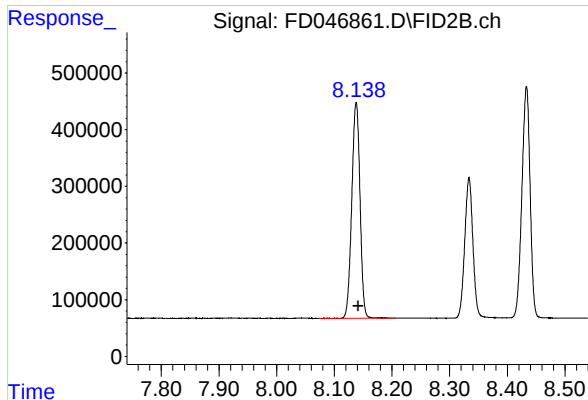
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.870 min
Delta R.T.: -0.003 min
Response: 4155020
Conc: 20.67 ug/ml



#4 2-Bromonaphthalene (SURR)

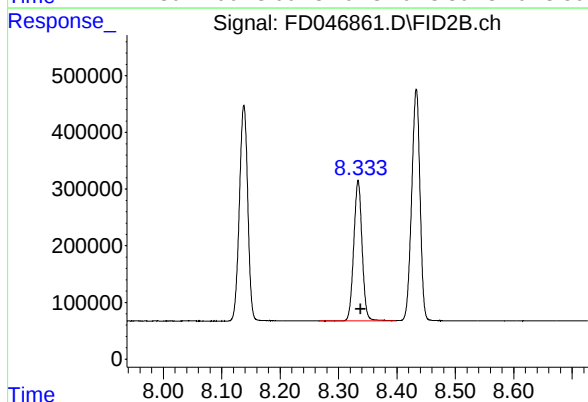
R.T.: 7.481 min
Delta R.T.: -0.003 min
Response: 3776429
Conc: 20.71 ug/ml



#5 Acenaphthylene (C15.06)

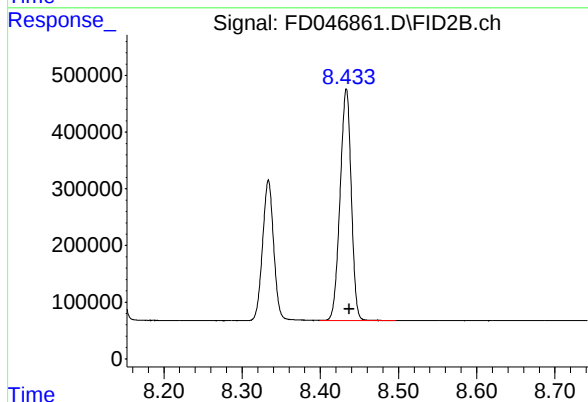
R.T.: 8.138 min
Delta R.T.: -0.004 min
Response: 3776739
Conc: 20.53 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



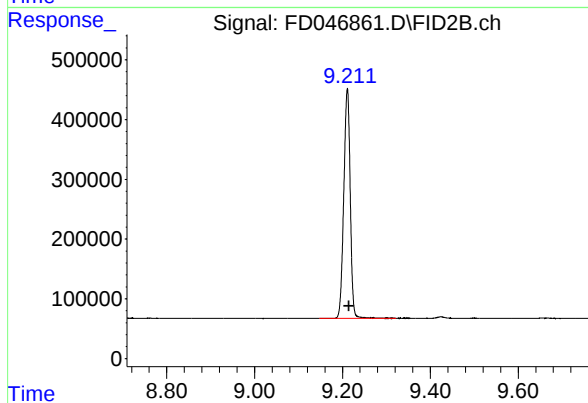
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.334 min
Delta R.T.: -0.004 min
Response: 2456427
Conc: 20.87 ug/ml



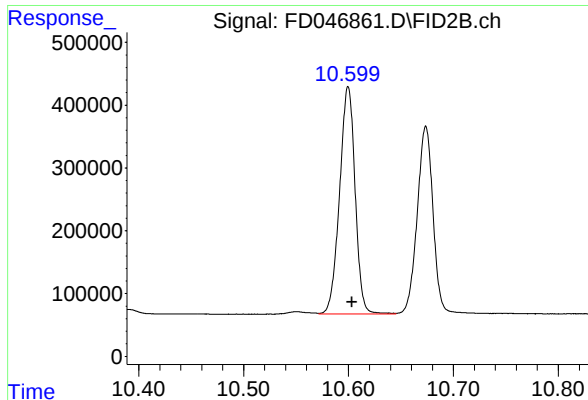
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: -0.004 min
Response: 4057404
Conc: 20.71 ug/ml



#8 Fluorene (C16.55)

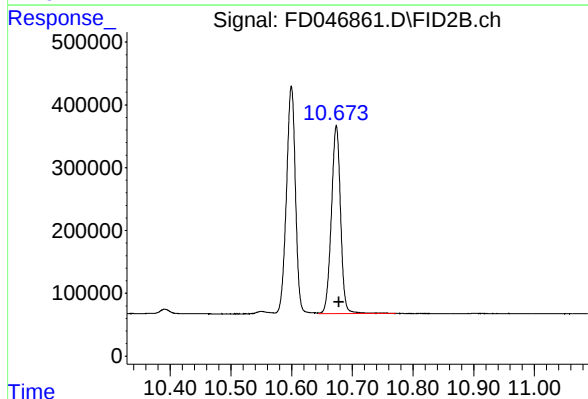
R.T.: 9.211 min
Delta R.T.: -0.004 min
Response: 3911863
Conc: 21.15 ug/ml



#9 Phenanthrene (C19.36)

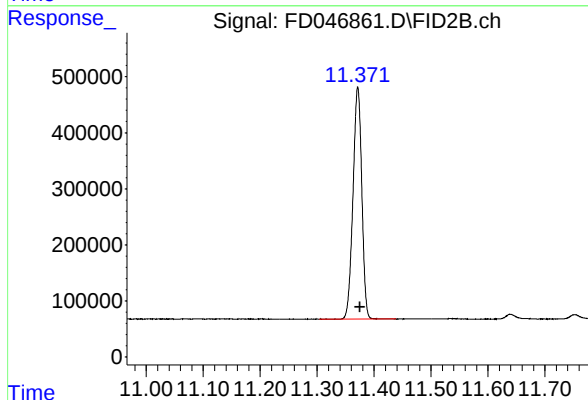
R.T.: 10.600 min
Delta R.T.: -0.004 min
Response: 3728951
Conc: 20.96 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



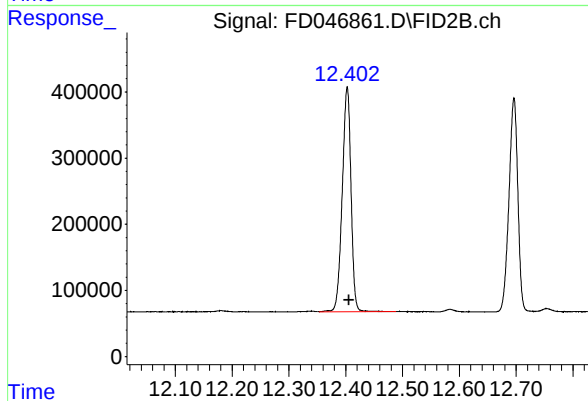
#10 Anthracene (C19.43)

R.T.: 10.674 min
Delta R.T.: -0.004 min
Response: 3150814
Conc: 18.49 ug/ml



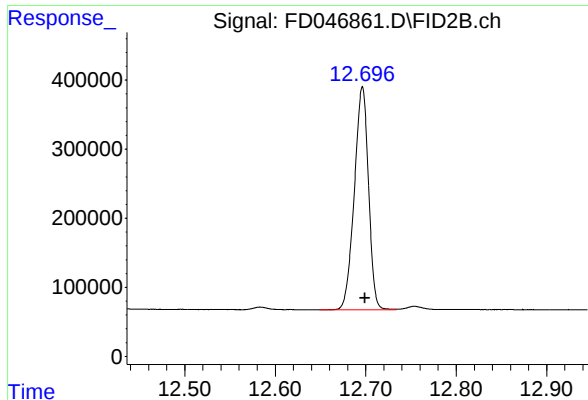
#11 ortho-Terphenyl (SURR)

R.T.: 11.371 min
Delta R.T.: -0.004 min
Response: 4443051
Conc: 20.98 ug/ml



#12 Fluoranthene (C21.85)

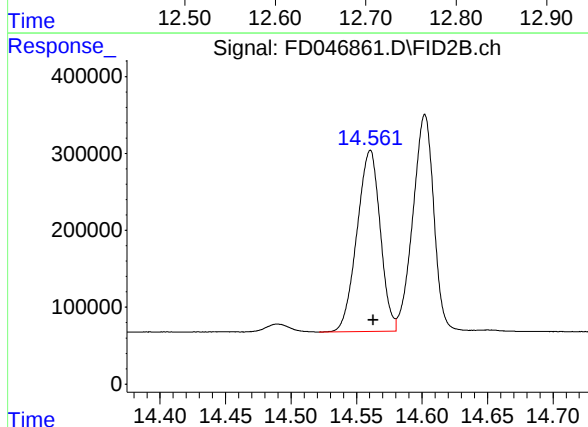
R.T.: 12.403 min
Delta R.T.: -0.003 min
Response: 3639264
Conc: 21.07 ug/ml



#13 Pyrene (C20.8)

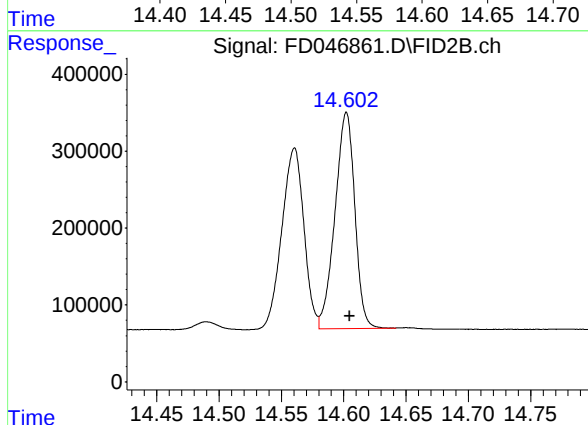
R.T.: 12.696 min
Delta R.T.: -0.003 min
Response: 3516793
Conc: 21.15 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



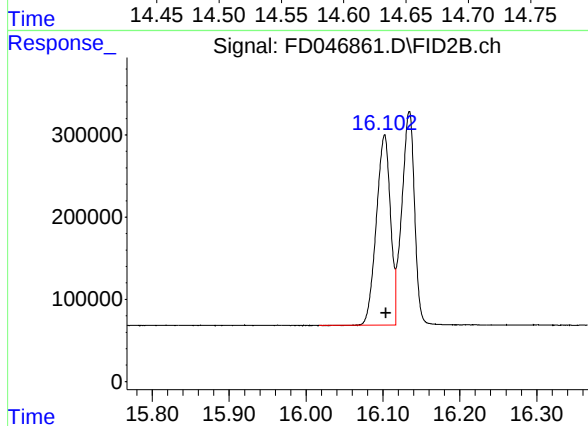
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: -0.003 min
Response: 2908920
Conc: 20.68 ug/ml



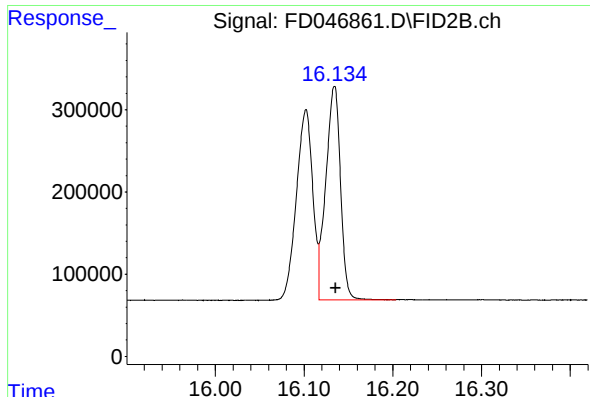
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: -0.003 min
Response: 3110977
Conc: 19.95 ug/ml



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

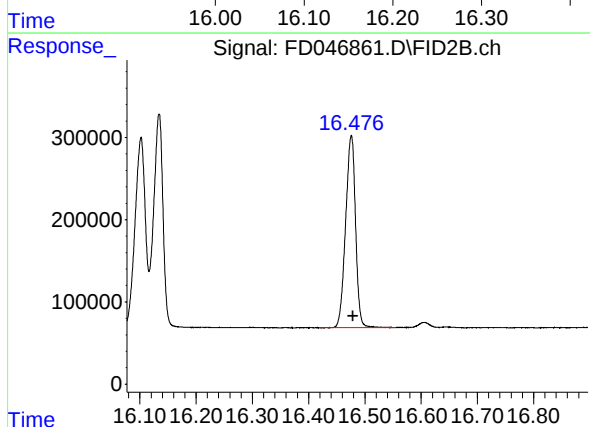
R.T.: 16.102 min
Delta R.T.: -0.002 min
Response: 2966678
Conc: 20.73 ug/ml



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

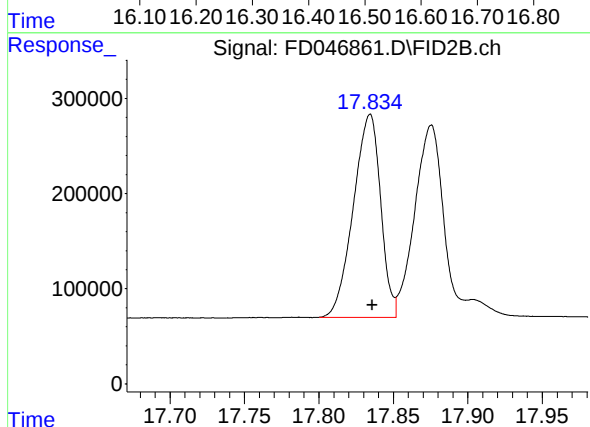
R.T.: 16.134 min
Delta R.T.: -0.002 min
Response: 2995131
Conc: 20.46 ug/ml

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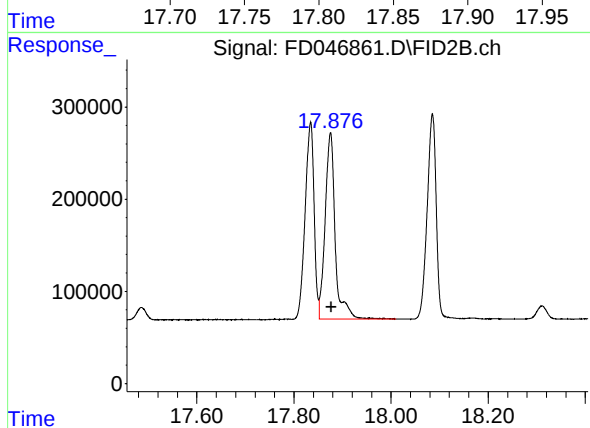
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: -0.003 min
Response: 2865331
Conc: 20.44 ug/ml



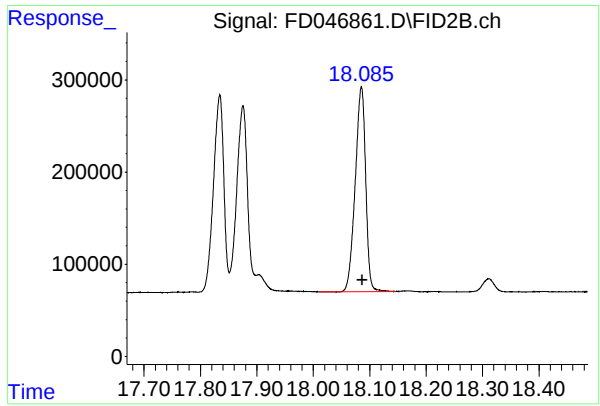
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min
Delta R.T.: -0.002 min
Response: 2720082
Conc: 21.53 ug/ml



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

R.T.: 17.875 min
Delta R.T.: -0.002 min
Response: 2931844
Conc: 20.99 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.002 min
Response: 2862395
Conc: 20.50 ug/ml

Instrument :

FID_D

ClientSampleId :

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