

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110123AR\
 Data File : FD046814.D
 Signal(s) : FID2B.ch
 Acq On : 01 Nov 2023 13:20
 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 01 23:43:01 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...	7.482	3944669	21.630 ug/ml
Spiked Amount 50.000		Recovery =	43.26%
6) S 2-Fluorobiphenyl (SURR)	8.335	2518086	21.397 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.79%
11) S ortho-Terphenyl (SURR)	11.373	4627446	21.853 ug/ml
Spiked Amount 50.000		Recovery =	43.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.293	4185605	21.673 ug/ml
2) T Naphthalene (C11.7)	5.820	4342918	21.688 ug/ml
3) T 2-Methylnaphthalene (...)	6.869	4363188	21.709 ug/ml
5) T Acenaphthylene (C15.06)	8.139	3997336	21.733 ug/ml
7) T Acenaphthene (C15.5)	8.434	4225758	21.573 ug/ml
8) T Flouorene (C16.55)	9.212	4010909	21.684 ug/ml
9) T Phenanthrene (C19.36)	10.601	3892638	21.880 ug/ml
10) T Anthracene (C19.43)	10.675	3522120	20.668 ug/ml
12) T Fluoranthene (C21.85)	12.404	3770639	21.832 ug/ml
13) T Pyrene (C20.8)	12.697	3654645	21.979 ug/ml
14) T Benzo[a]anthracene (C...	14.561	3064534	21.782 ug/ml
15) T Chrysene (C27.41)	14.603	3491922	22.390 ug/ml
16) T benzo[b]fluoranthene ...	16.103	3121915	21.812 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	3154423	21.546 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.477	3030232	21.619 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	2728965	21.602 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	2968259	21.247 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	3009803	21.556 ug/ml

(f)=RT Delta > 1/2 Window

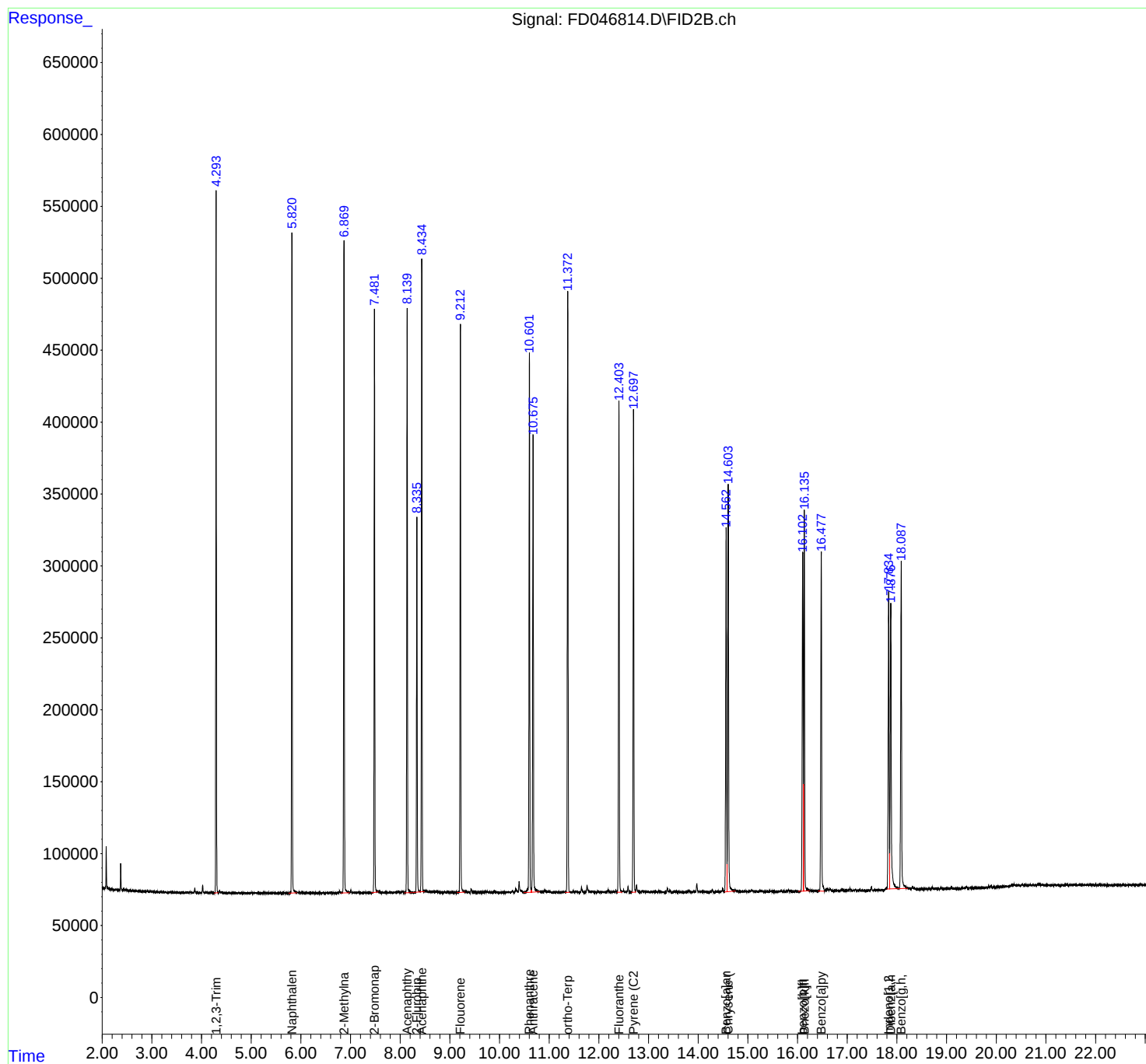
(m)=manual int.

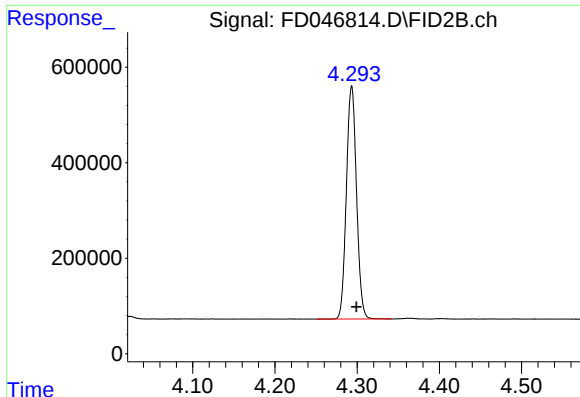
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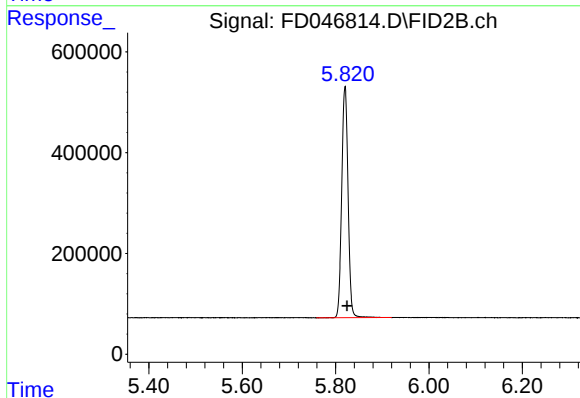




#1 1,2,3-Trimethylbenzene (C10.1)

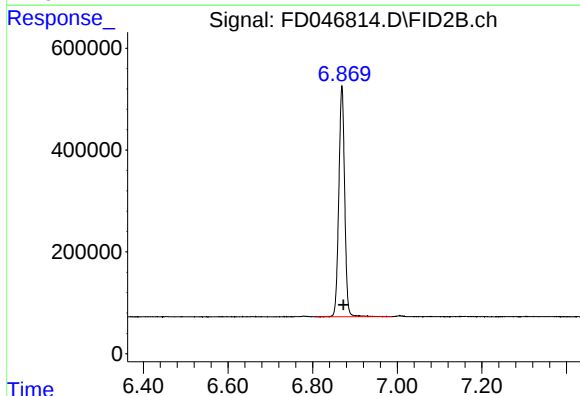
R.T.: 4.293 min
Delta R.T.: -0.006 min
Response: 4185605
Conc: 21.67 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



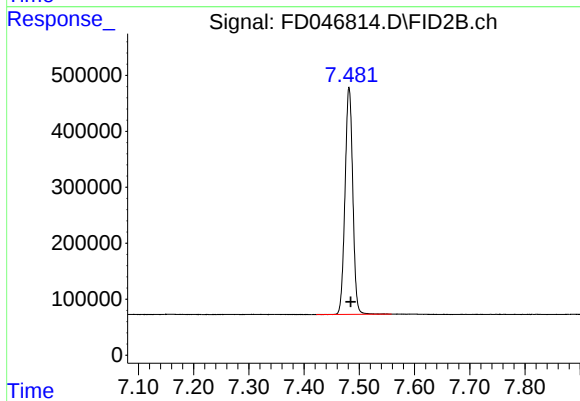
#2 Naphthalene (C11.7)

R.T.: 5.820 min
Delta R.T.: -0.004 min
Response: 4342918
Conc: 21.69 ug/ml



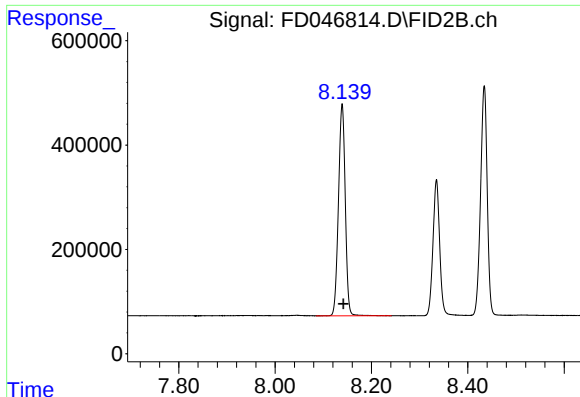
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 4363188
Conc: 21.71 ug/ml



#4 2-Bromonaphthalene (SURR)

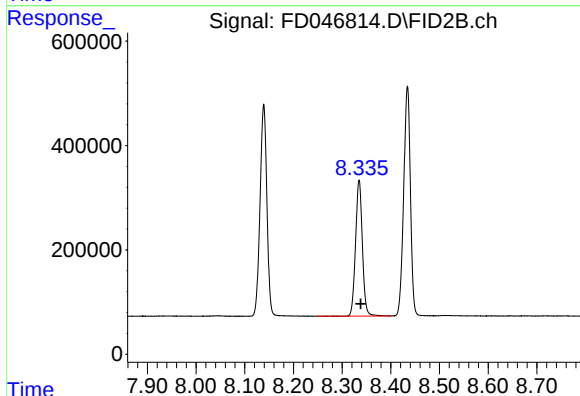
R.T.: 7.482 min
Delta R.T.: -0.003 min
Response: 3944669
Conc: 21.63 ug/ml



#5 Acenaphthylene (C15.06)

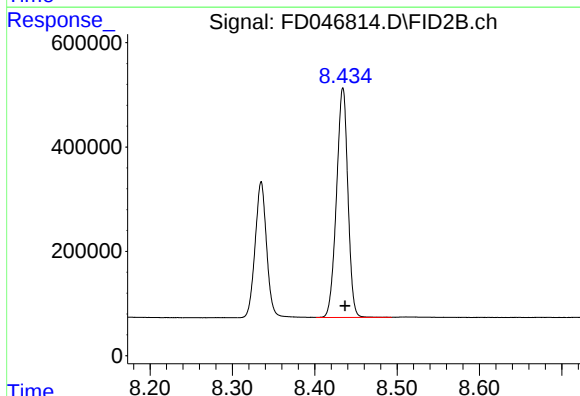
R.T.: 8.139 min
Delta R.T.: -0.003 min
Response: 3997336
Conc: 21.73 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



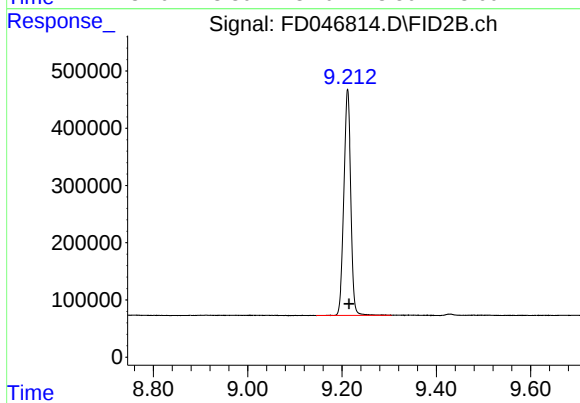
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.335 min
Delta R.T.: -0.003 min
Response: 2518086
Conc: 21.40 ug/ml



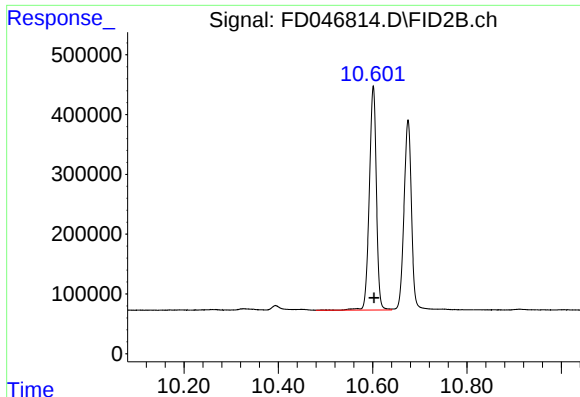
#7 Acenaphthene (C15.5)

R.T.: 8.434 min
Delta R.T.: -0.003 min
Response: 4225758
Conc: 21.57 ug/ml



#8 Fluorene (C16.55)

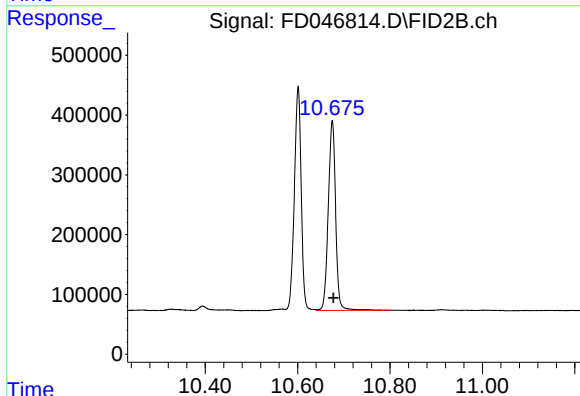
R.T.: 9.212 min
Delta R.T.: -0.003 min
Response: 4010909
Conc: 21.68 ug/ml



#9 Phenanthrene (C19.36)

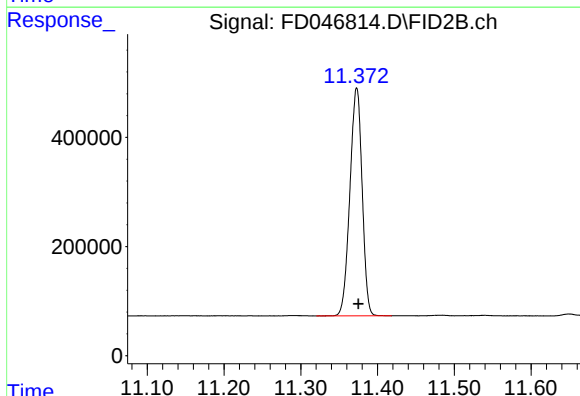
R.T.: 10.601 min
Delta R.T.: -0.002 min
Response: 3892638
Conc: 21.88 ug/ml

Instrument :
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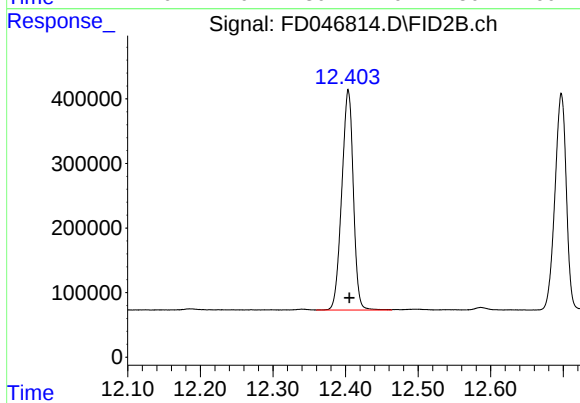
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.003 min
Response: 3522120
Conc: 20.67 ug/ml



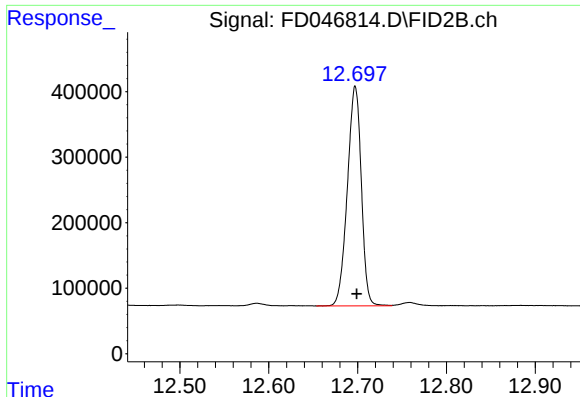
#11 ortho-Terphenyl (SURR)

R.T.: 11.373 min
Delta R.T.: -0.002 min
Response: 4627446
Conc: 21.85 ug/ml



#12 Fluoranthene (C21.85)

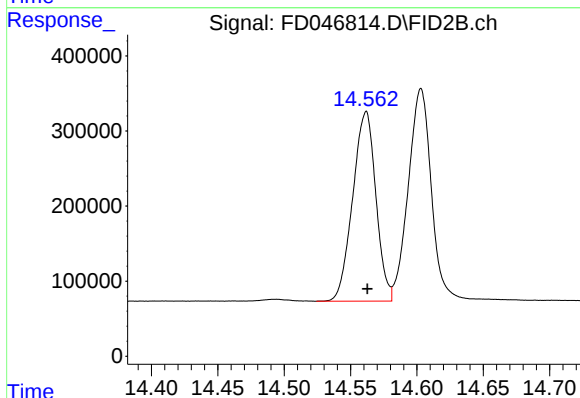
R.T.: 12.404 min
Delta R.T.: -0.002 min
Response: 3770639
Conc: 21.83 ug/ml



#13 Pyrene (C20.8)

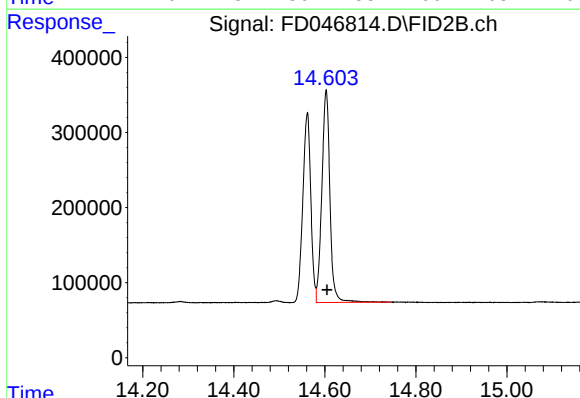
R.T.: 12.697 min
Delta R.T.: -0.002 min
Response: 3654645
Conc: 21.98 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



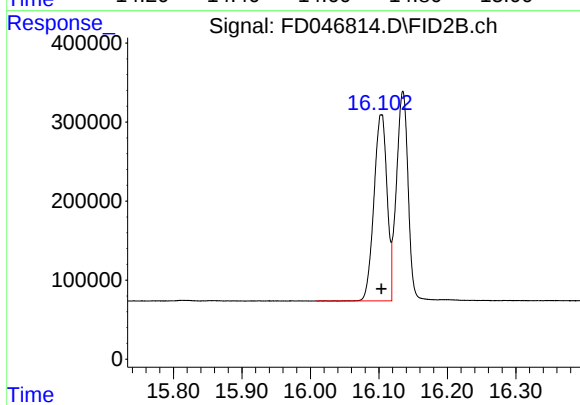
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: -0.001 min
Response: 3064534
Conc: 21.78 ug/ml



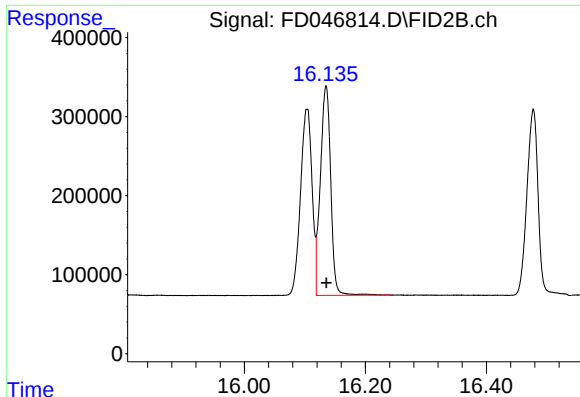
#15 Chrysene (C27.41)

R.T.: 14.603 min
Delta R.T.: -0.002 min
Response: 3491922
Conc: 22.39 ug/ml



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

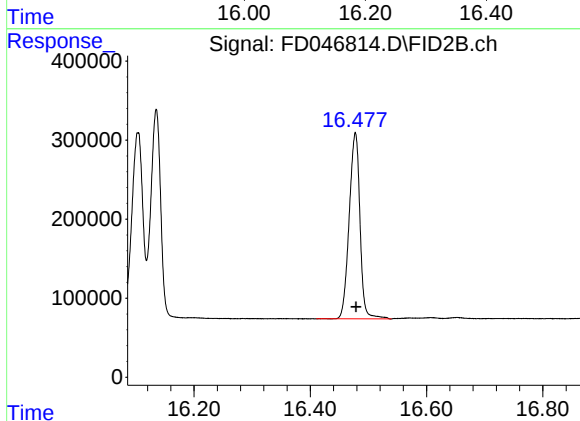
R.T.: 16.103 min
Delta R.T.: 0.000 min
Response: 3121915
Conc: 21.81 ug/ml



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

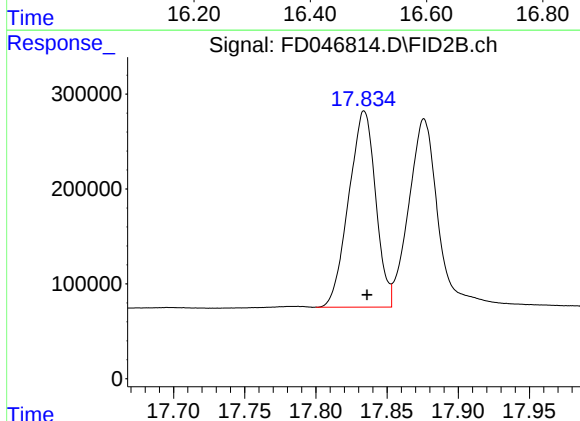
R.T.: 16.135 min
Delta R.T.: 0.000 min
Response: 3154423
Conc: 21.55 ug/ml

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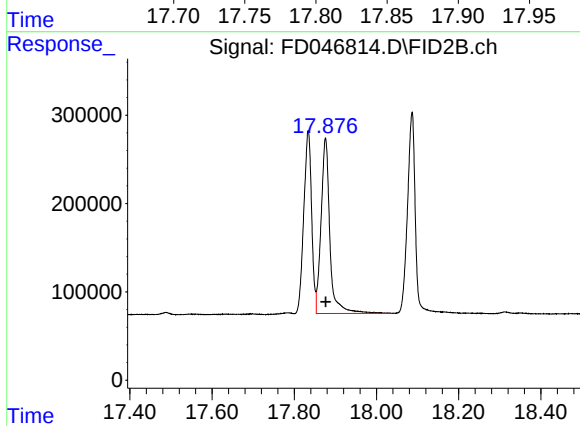
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.477 min
Delta R.T.: -0.001 min
Response: 3030232
Conc: 21.62 ug/ml



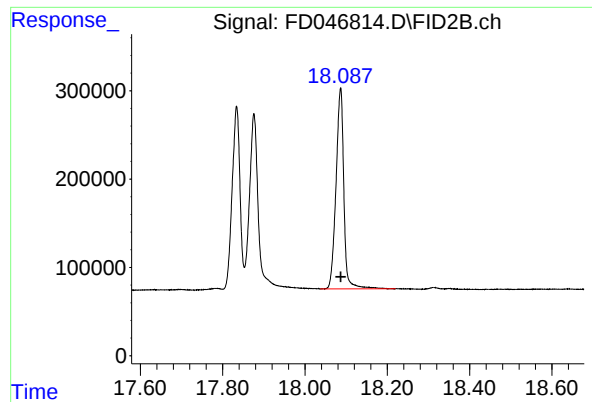
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min
Delta R.T.: -0.002 min
Response: 2728965
Conc: 21.60 ug/ml



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

R.T.: 17.876 min
Delta R.T.: -0.001 min
Response: 2968259
Conc: 21.25 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.000 min
Response: 3009803
Conc: 21.56 ug/ml

Instrument :

FID_D

ClientSampleId :

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