

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071624AR\
 Data File : FD048020.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2024 23:48
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 17 01:38:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.409	3048246	20.510 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
6) S 2-Fluorobiphenyl (SURR)	8.261	1988063	21.007 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.01%
11) S ortho-Terphenyl (SURR)	11.298	3432750	20.516 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.227	3438771	20.536 ug/ml
2) T Naphthalene (C11.7)	5.749	3564540	20.626 ug/ml
3) T 2-Methylnaphthalene (...)	6.796	3583756	20.659 ug/ml
5) T Acenaphthylene (C15.06)	8.063	3493022	20.383 ug/ml
7) T Acenaphthene (C15.5)	8.357	3519875	20.290 ug/ml
8) T Flouorene (C16.55)	9.136	3440734	21.184 ug/ml
9) T Phenanthrene (C19.36)	10.525	3316262	20.881 ug/ml
10) T Anthracene (C19.43)	10.600	2931856	18.568 ug/ml
12) T Fluoranthene (C21.85)	12.329	3360260	21.223 ug/ml
13) T Pyrene (C20.8)	12.622	3307256	20.915 ug/ml
14) T Benzo[a]anthracene (C...	14.491	2978013	21.812 ug/ml
15) T Chrysene (C27.41)	14.534	3286128	20.385 ug/ml
16) T benzo[b]fluoranthene ...	16.038	3097830	21.522 ug/ml
17) T Bnezo[k]fluoranthene ...	16.070	3043501	20.377 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.414	3030764	21.398 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	2578654	22.863 ug/ml
20) T Dibenz[a,h]anthracene...	17.817	3283506	22.593 ug/ml
21) T Benzo[g,h,i]perylene ...	18.026	3141127	21.315 ug/ml

(f)=RT Delta > 1/2 Window

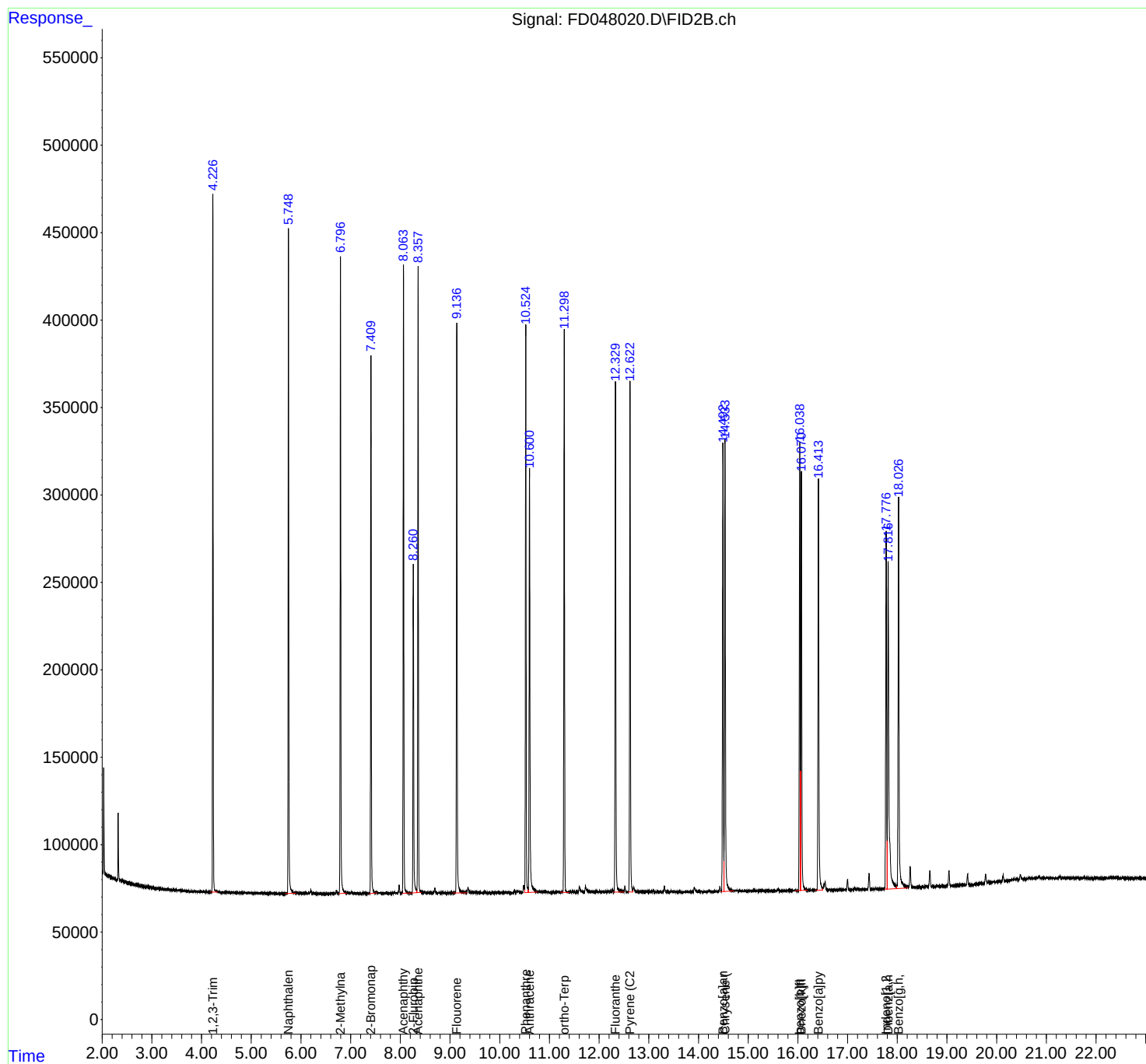
(m)=manual int.

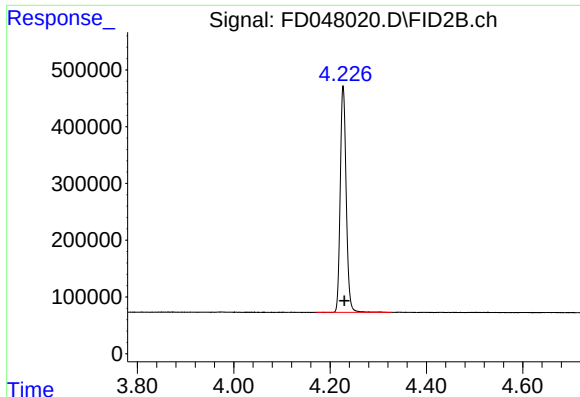
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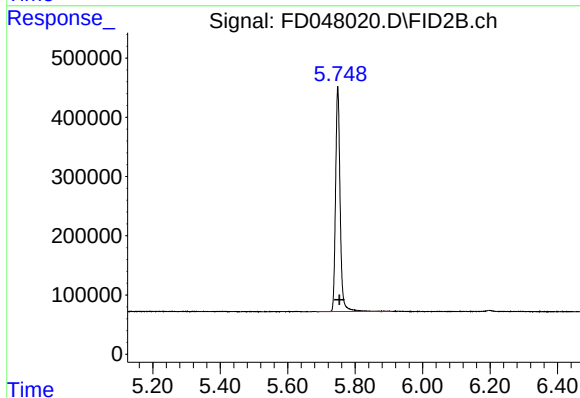




#1 1,2,3-Trimethylbenzene (C10.1)

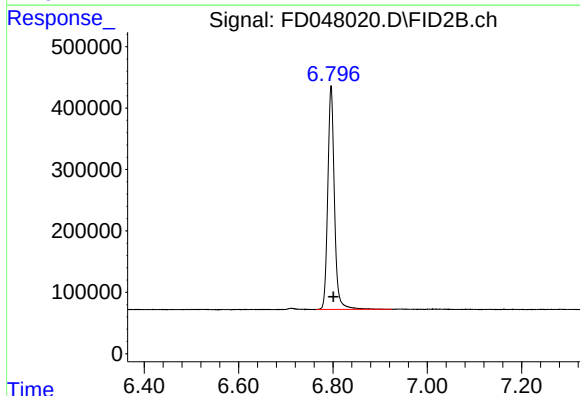
R.T.: 4.227 min
Delta R.T.: -0.003 min
Response: 3438771
Conc: 20.54 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



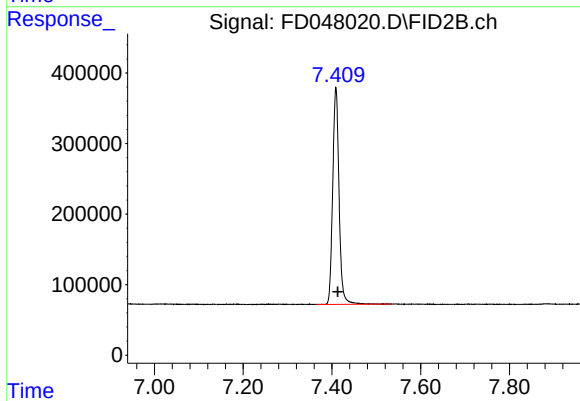
#2 Naphthalene (C11.7)

R.T.: 5.749 min
Delta R.T.: -0.005 min
Response: 3564540
Conc: 20.63 ug/ml



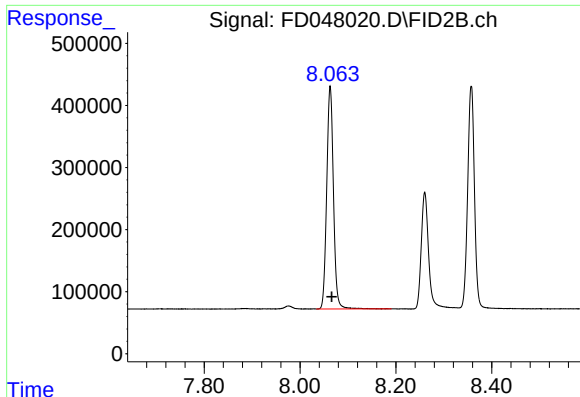
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.796 min
Delta R.T.: -0.005 min
Response: 3583756
Conc: 20.66 ug/ml



#4 2-Bromonaphthalene (SURR)

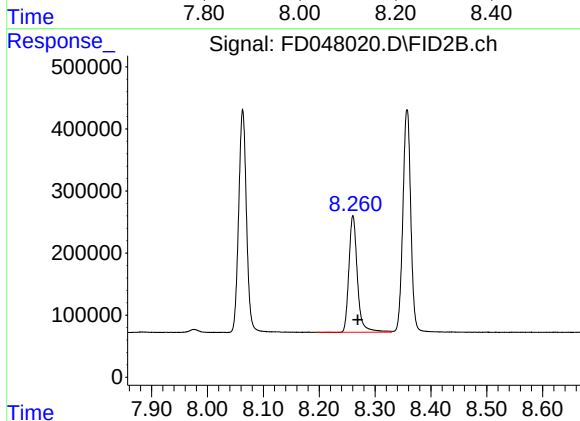
R.T.: 7.409 min
Delta R.T.: -0.004 min
Response: 3048246
Conc: 20.51 ug/ml



#5 Acenaphthylene (C15.06)

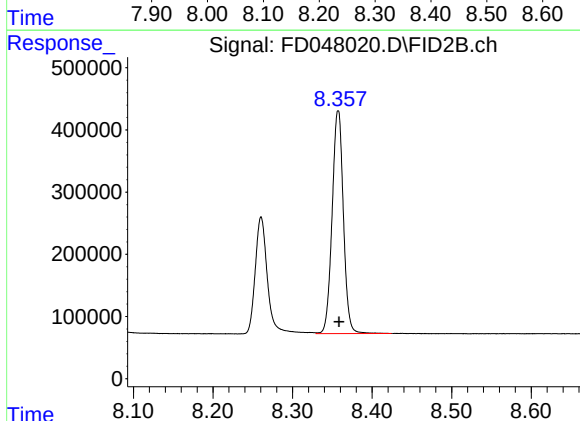
R.T.: 8.063 min
Delta R.T.: -0.003 min
Response: 3493022
Conc: 20.38 ug/ml

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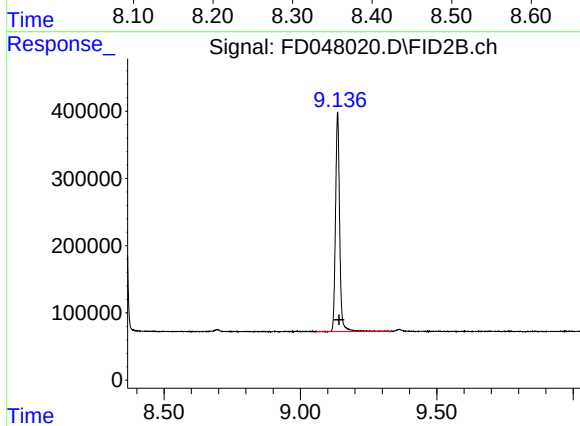
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.261 min
Delta R.T.: -0.008 min
Response: 1988063
Conc: 21.01 ug/ml



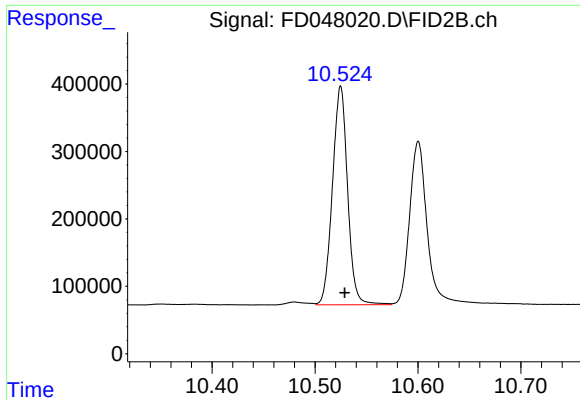
#7 Acenaphthene (C15.5)

R.T.: 8.357 min
Delta R.T.: -0.001 min
Response: 3519875
Conc: 20.29 ug/ml



#8 Flouorene (C16.55)

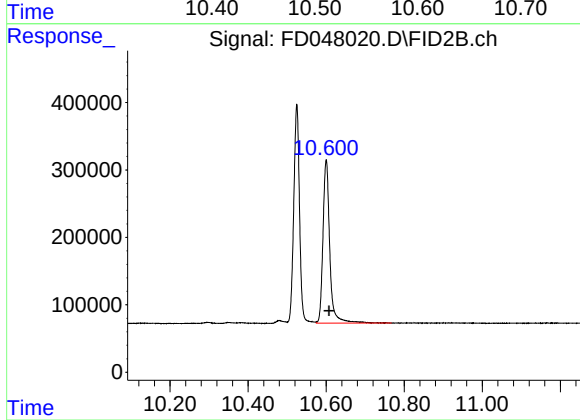
R.T.: 9.136 min
Delta R.T.: -0.006 min
Response: 3440734
Conc: 21.18 ug/ml



#9 Phenanthrene (C19.36)

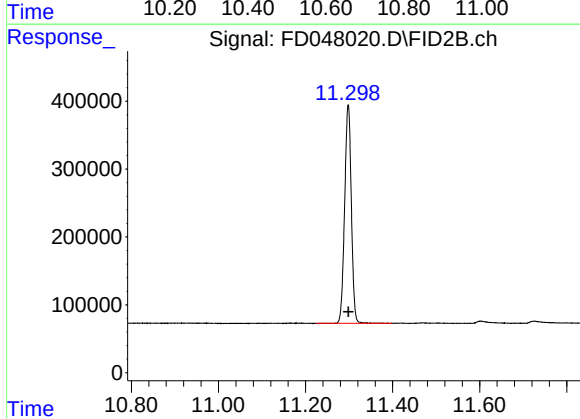
R.T.: 10.525 min
Delta R.T.: -0.004 min
Response: 3316262
Conc: 20.88 ug/ml

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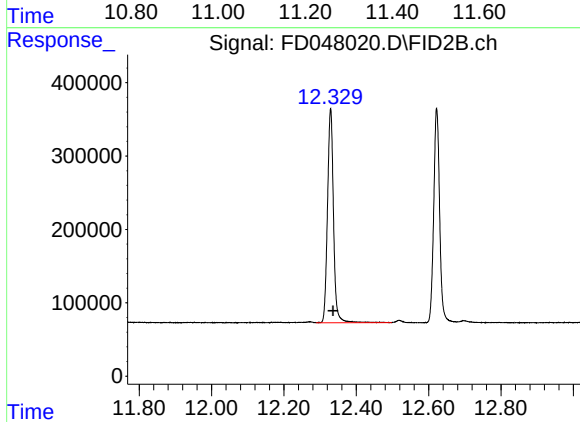
#10 Anthracene (C19.43)

R.T.: 10.600 min
Delta R.T.: -0.007 min
Response: 2931856
Conc: 18.57 ug/ml



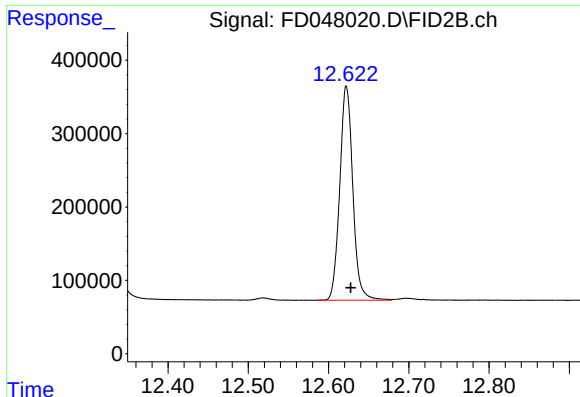
#11 ortho-Terphenyl (SURR)

R.T.: 11.298 min
Delta R.T.: 0.000 min
Response: 3432750
Conc: 20.52 ug/ml



#12 Fluoranthene (C21.85)

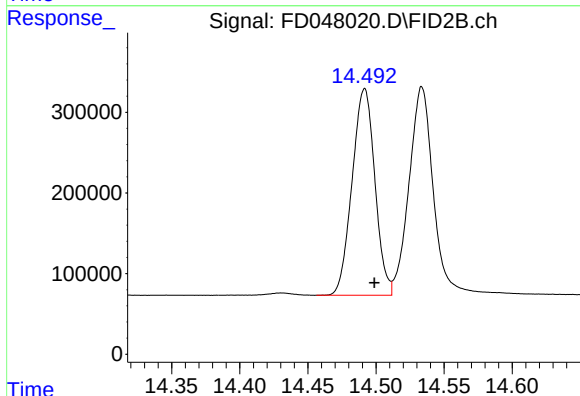
R.T.: 12.329 min
Delta R.T.: -0.007 min
Response: 3360260
Conc: 21.22 ug/ml



#13 Pyrene (C20.8)

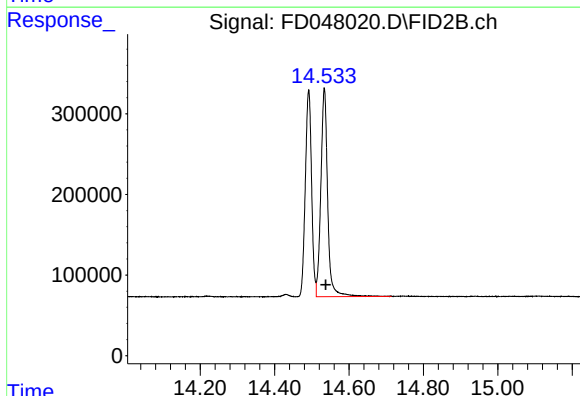
R.T.: 12.622 min
Delta R.T.: -0.005 min
Response: 3307256
Conc: 20.91 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



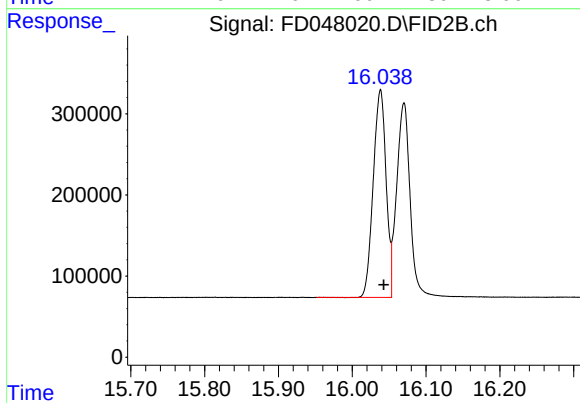
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.491 min
Delta R.T.: -0.007 min
Response: 2978013
Conc: 21.81 ug/ml



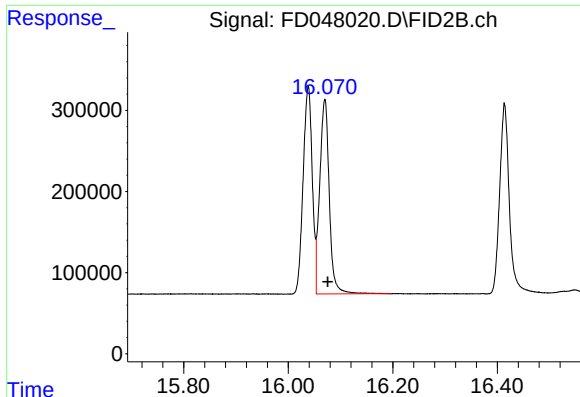
#15 Chrysene (C27.41)

R.T.: 14.534 min
Delta R.T.: -0.004 min
Response: 3286128
Conc: 20.39 ug/ml



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

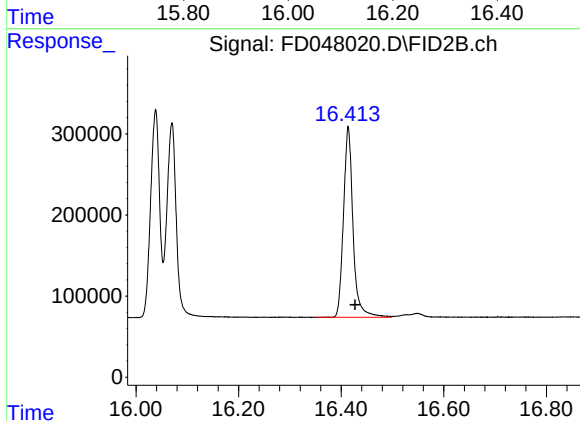
R.T.: 16.038 min
Delta R.T.: -0.005 min
Response: 3097830
Conc: 21.52 ug/ml



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

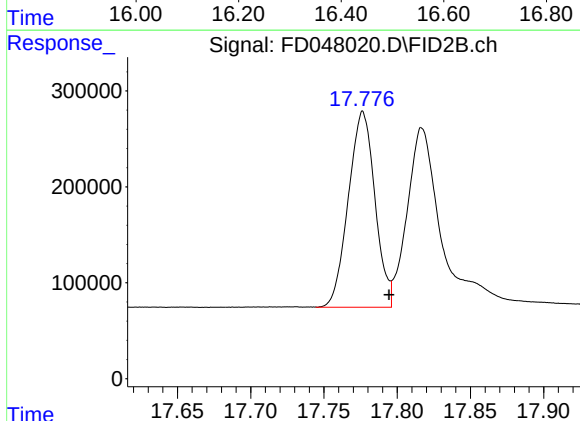
R.T.: 16.070 min
Delta R.T.: -0.006 min
Response: 3043501
Conc: 20.38 ug/ml

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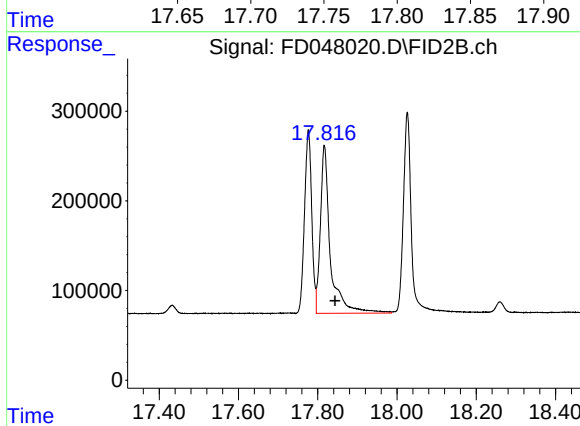
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.414 min
Delta R.T.: -0.014 min
Response: 3030764
Conc: 21.40 ug/ml



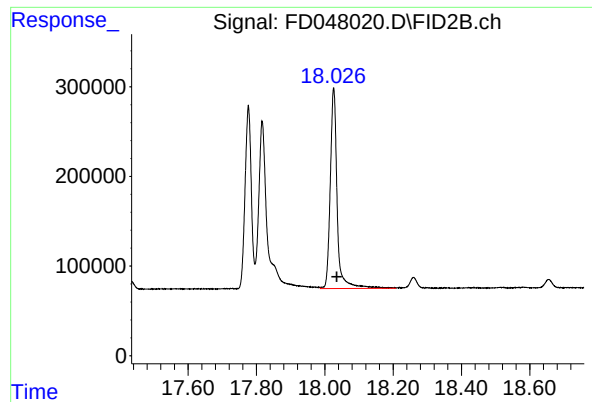
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.776 min
Delta R.T.: -0.018 min
Response: 2578654
Conc: 22.86 ug/ml



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

R.T.: 17.817 min
Delta R.T.: -0.027 min
Response: 3283506
Conc: 22.59 ug/ml



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

R.T.: 18.026 min
Delta R.T.: -0.009 min
Response: 3141127
Conc: 21.31 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD