

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021524AR\
 Data File : FD047256.D
 Signal(s) : FID2B.ch
 Acq On : 15 Feb 2024 08:54
 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: Feb 16 02:32:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.465	3115448	20.464 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
6) S 2-Fluorobiphenyl (SURR)	8.317	2059460	20.375 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.75%
11) S ortho-Terphenyl (SURR)	11.354	3502568	19.859 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.280	3276854	20.786 ug/ml
2) T Naphthalene (C11.7)	5.805	3426886	20.619 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	3447547	20.443 ug/ml
5) T Acenaphthylene (C15.06)	8.121	3107674	20.191 ug/ml
7) T Acenaphthene (C15.5)	8.416	3312406	20.096 ug/ml
8) T Flouorene (C16.55)	9.193	3225432	20.344 ug/ml
9) T Phenanthrene (C19.36)	10.582	3057783	19.682 ug/ml
10) T Anthracene (C19.43)	10.656	2554058	17.320 ug/ml
12) T Fluoranthene (C21.85)	12.385	3043626	19.658 ug/ml
13) T Pyrene (C20.8)	12.678	2910929	19.351 ug/ml
14) T Benzo[a]anthracene (C...	14.542	2552205	18.986 ug/ml
15) T Chrysene (C27.41)	14.584	2795431	19.090 ug/ml
16) T benzo[b]fluoranthene ...	16.084	2607382	18.937 ug/ml
17) T Bnezo[k]fluoranthene ...	16.116	2774128	19.993 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.459	2517002	18.593 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.817	2390437	18.935 ug/ml
20) T Dibenz[a,h]anthracene...	17.858	2674986	20.076 ug/ml
21) T Benzo[g,h,i]perylene ...	18.068	2525024	19.043 ug/ml

(f)=RT Delta > 1/2 Window

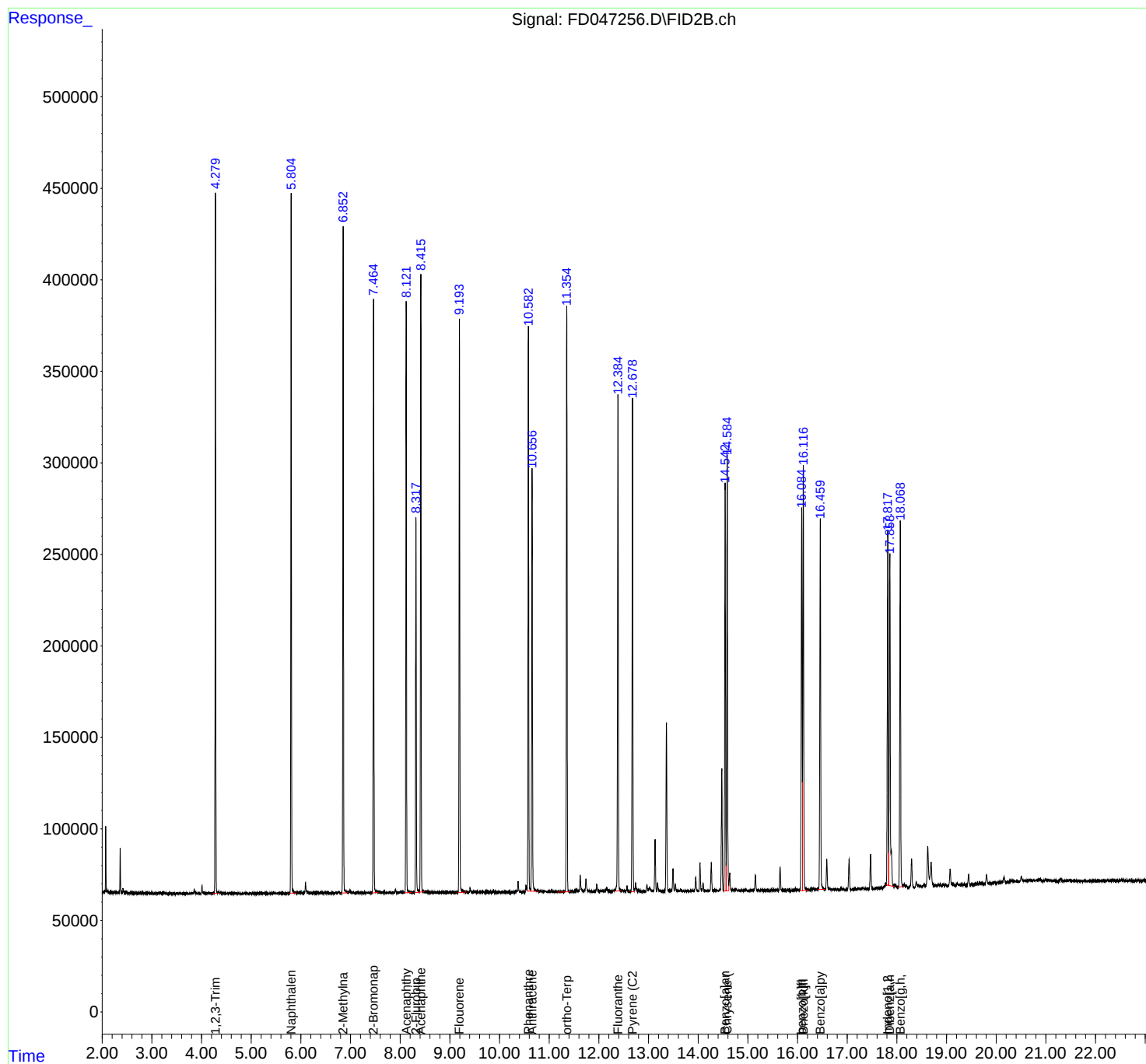
(m)=manual int.

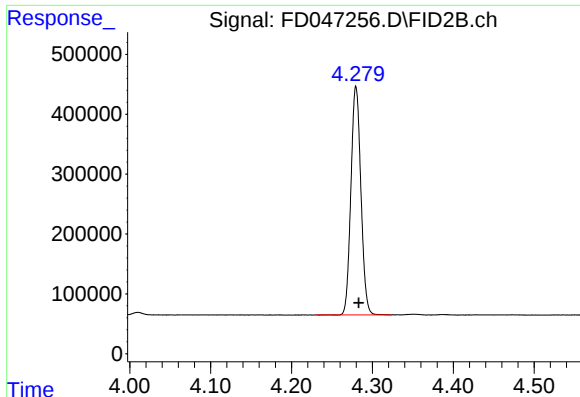
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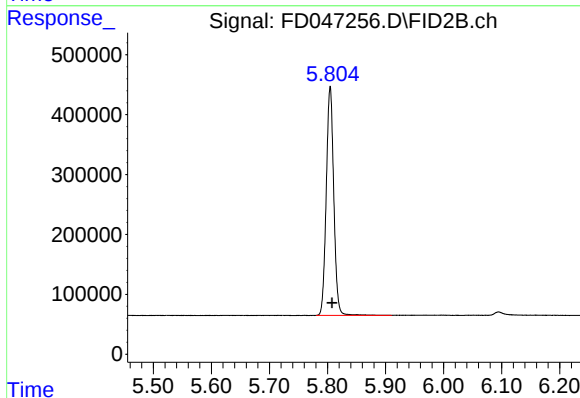




#1 1,2,3-Trimethylbenzene (C10.1)

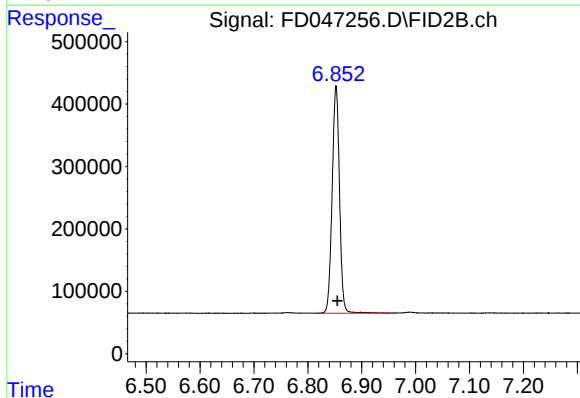
R.T.: 4.280 min
Delta R.T.: -0.003 min
Response: 3276854
Conc: 20.79 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



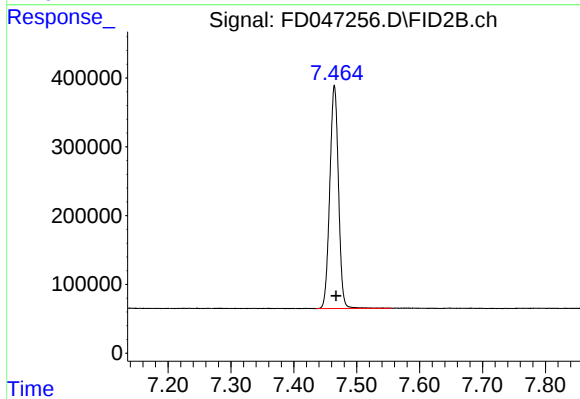
#2 Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 3426886
Conc: 20.62 ug/ml



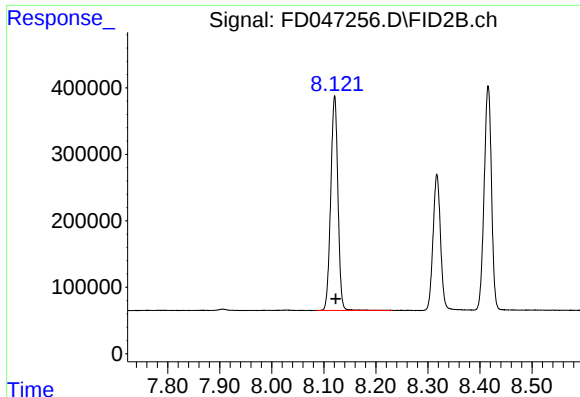
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 3447547
Conc: 20.44 ug/ml



#4 2-Bromonaphthalene (SURR)

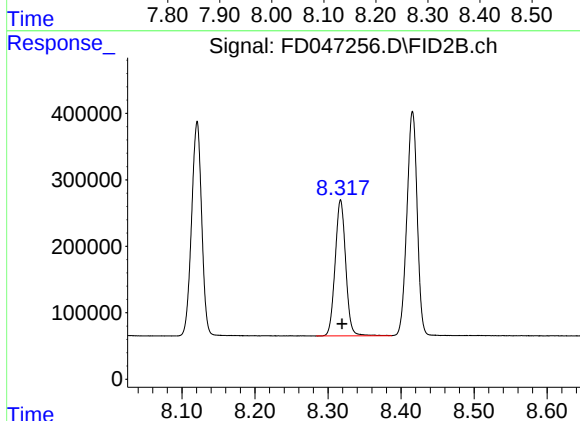
R.T.: 7.465 min
Delta R.T.: -0.003 min
Response: 3115448
Conc: 20.46 ug/ml



#5 Acenaphthylene (C15.06)

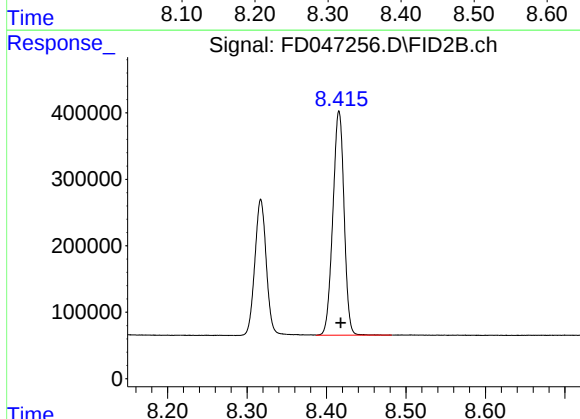
R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 3107674
Conc: 20.19 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



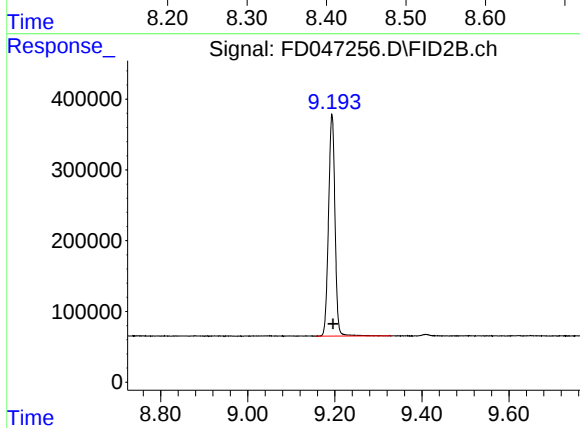
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 2059460
Conc: 20.37 ug/ml



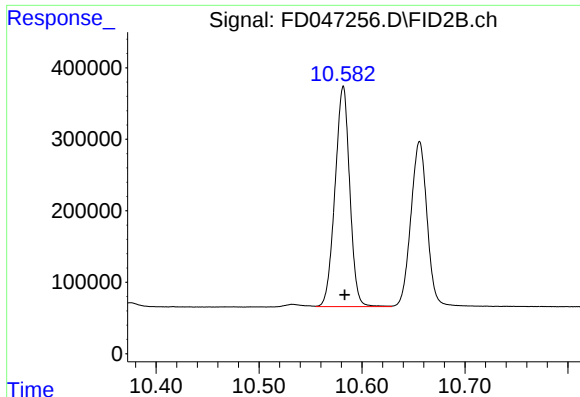
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: -0.002 min
Response: 3312406
Conc: 20.10 ug/ml



#8 Fluorene (C16.55)

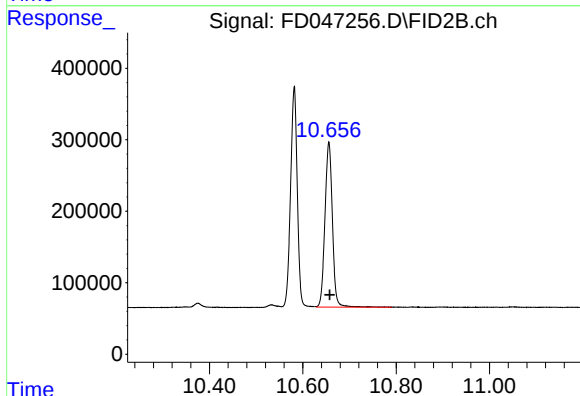
R.T.: 9.193 min
Delta R.T.: -0.002 min
Response: 3225432
Conc: 20.34 ug/ml



#9 Phenanthrene (C19.36)

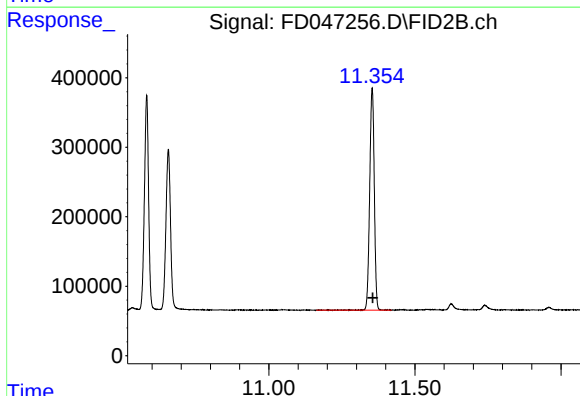
R.T.: 10.582 min
Delta R.T.: -0.002 min
Response: 3057783
Conc: 19.68 ug/ml

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20 PPM AROMATIC HC STD



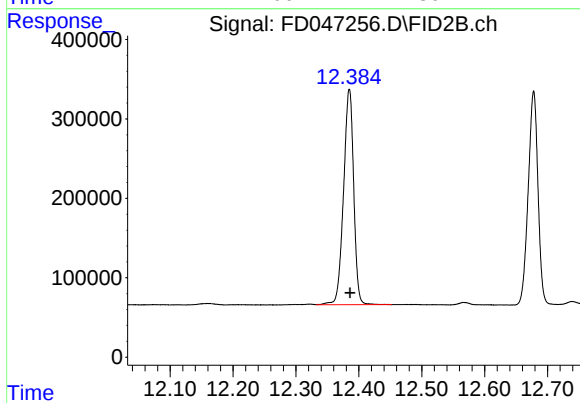
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: -0.002 min
Response: 2554058
Conc: 17.32 ug/ml



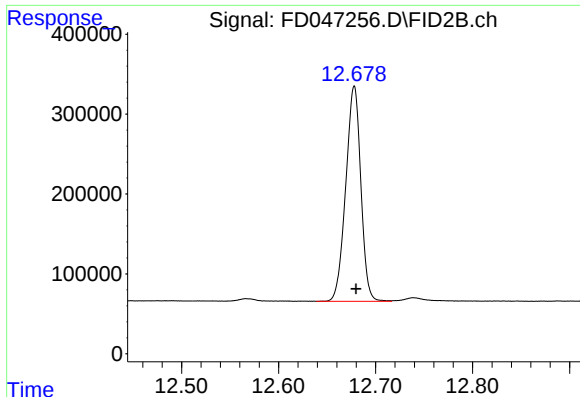
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: -0.002 min
Response: 3502568
Conc: 19.86 ug/ml



#12 Fluoranthene (C21.85)

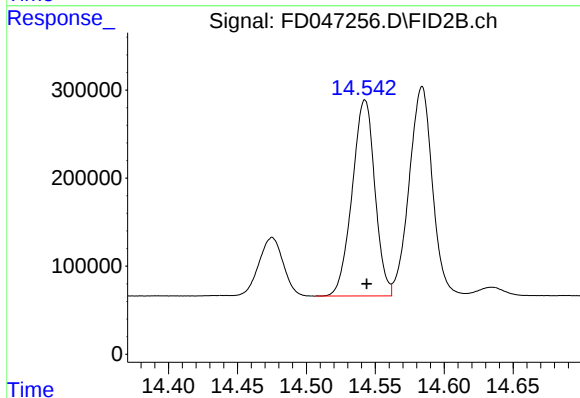
R.T.: 12.385 min
Delta R.T.: -0.002 min
Response: 3043626
Conc: 19.66 ug/ml



#13 Pyrene (C20.8)

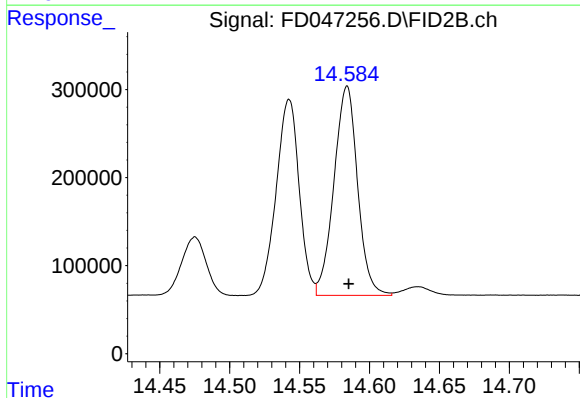
R.T.: 12.678 min
Delta R.T.: -0.002 min
Response: 2910929
Conc: 19.35 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



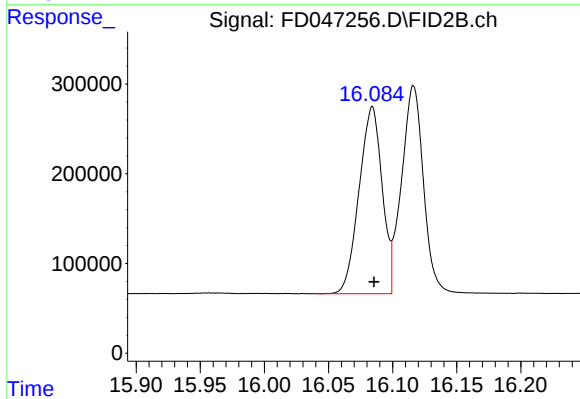
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.542 min
Delta R.T.: -0.001 min
Response: 2552205
Conc: 18.99 ug/ml



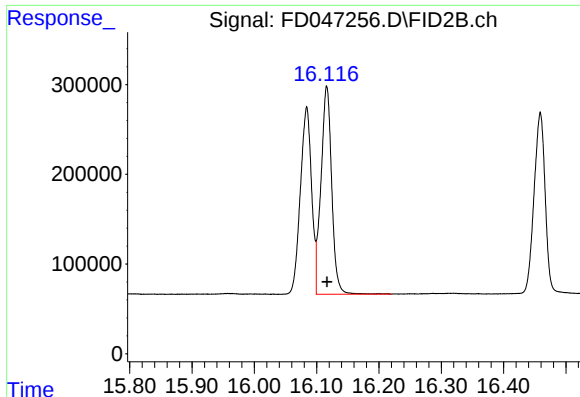
#15 Chrysene (C27.41)

R.T.: 14.584 min
Delta R.T.: -0.001 min
Response: 2795431
Conc: 19.09 ug/ml



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

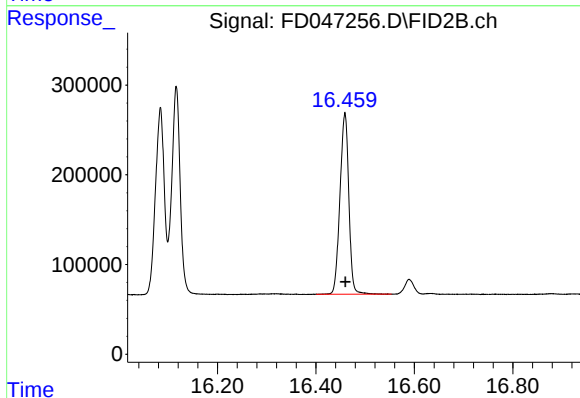
R.T.: 16.084 min
Delta R.T.: -0.002 min
Response: 2607382
Conc: 18.94 ug/ml



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

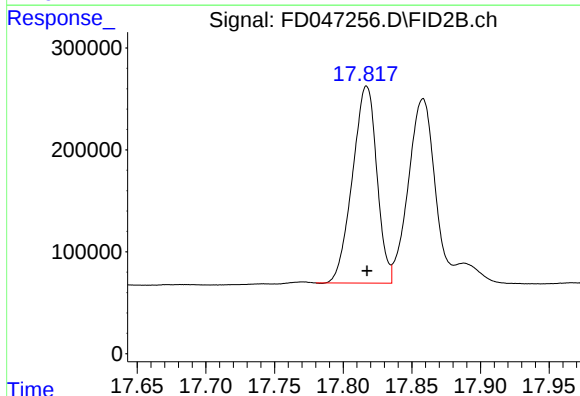
R.T.: 16.116 min
Delta R.T.: 0.000 min
Response: 2774128
Conc: 19.99 ug/ml

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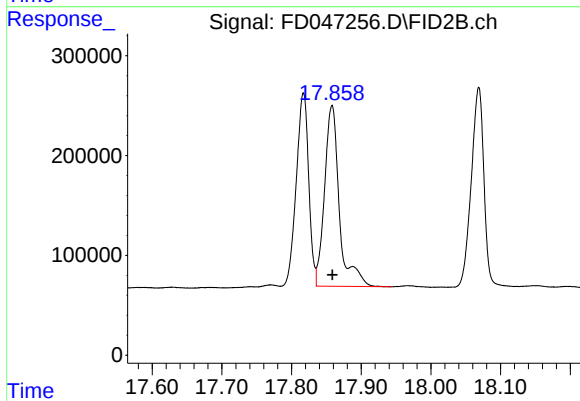
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.459 min
Delta R.T.: 0.000 min
Response: 2517002
Conc: 18.59 ug/ml



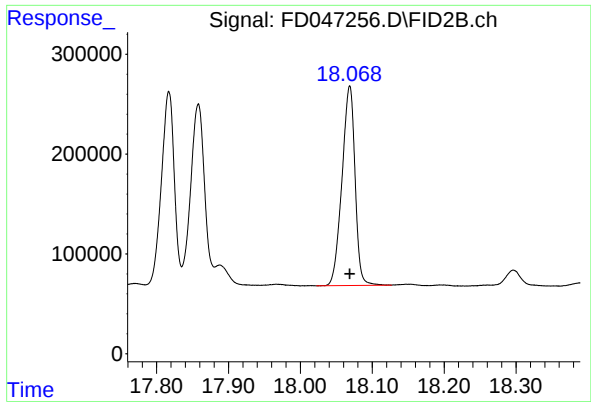
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min
Delta R.T.: 0.000 min
Response: 2390437
Conc: 18.93 ug/ml



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

R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 2674986
Conc: 20.08 ug/ml



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

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 2525024
Conc: 19.04 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD