

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091923AR\
 Data File : FD046534.D
 Signal(s) : FID2B.ch
 Acq On : 19 Sep 2023 08:58
 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: Sep 19 09:30:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.491	3661751	20.779 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
6) S 2-Fluorobiphenyl (SURR)	8.344	2400239	20.717 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.43%
11) S ortho-Terphenyl (SURR)	11.382	4252282	20.872 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	3819123	20.678 ug/ml
2) T Naphthalene (C11.7)	5.831	4009975	20.752 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	4039933	20.847 ug/ml
5) T Acenaphthylene (C15.06)	8.148	3685979	20.904 ug/ml
7) T Acenaphthene (C15.5)	8.443	3913339	20.827 ug/ml
8) T Fluorene (C16.55)	9.221	3779460	20.952 ug/ml
9) T Phenanthrene (C19.36)	10.610	3659073	20.811 ug/ml
10) T Anthracene (C19.43)	10.684	3467165	22.573 ug/ml
12) T Fluoranthene (C21.85)	12.413	3564780	20.915 ug/ml
13) T Pyrene (C20.8)	12.707	3456177	21.068 ug/ml
14) T Benzo[a]anthracene (C...	14.571	2894622	20.730 ug/ml
15) T Chrysene (C27.41)	14.612	3061571	20.168 ug/ml
16) T benzo[b]fluoranthene ...	16.112	2874340	20.955 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	2918168	21.066 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.487	2772499	20.724 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	2564750	20.461 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	2701866	20.304 ug/ml
21) T Benzo[g,h,i]perylene ...	18.095	2692797	20.420 ug/ml

(f)=RT Delta > 1/2 Window

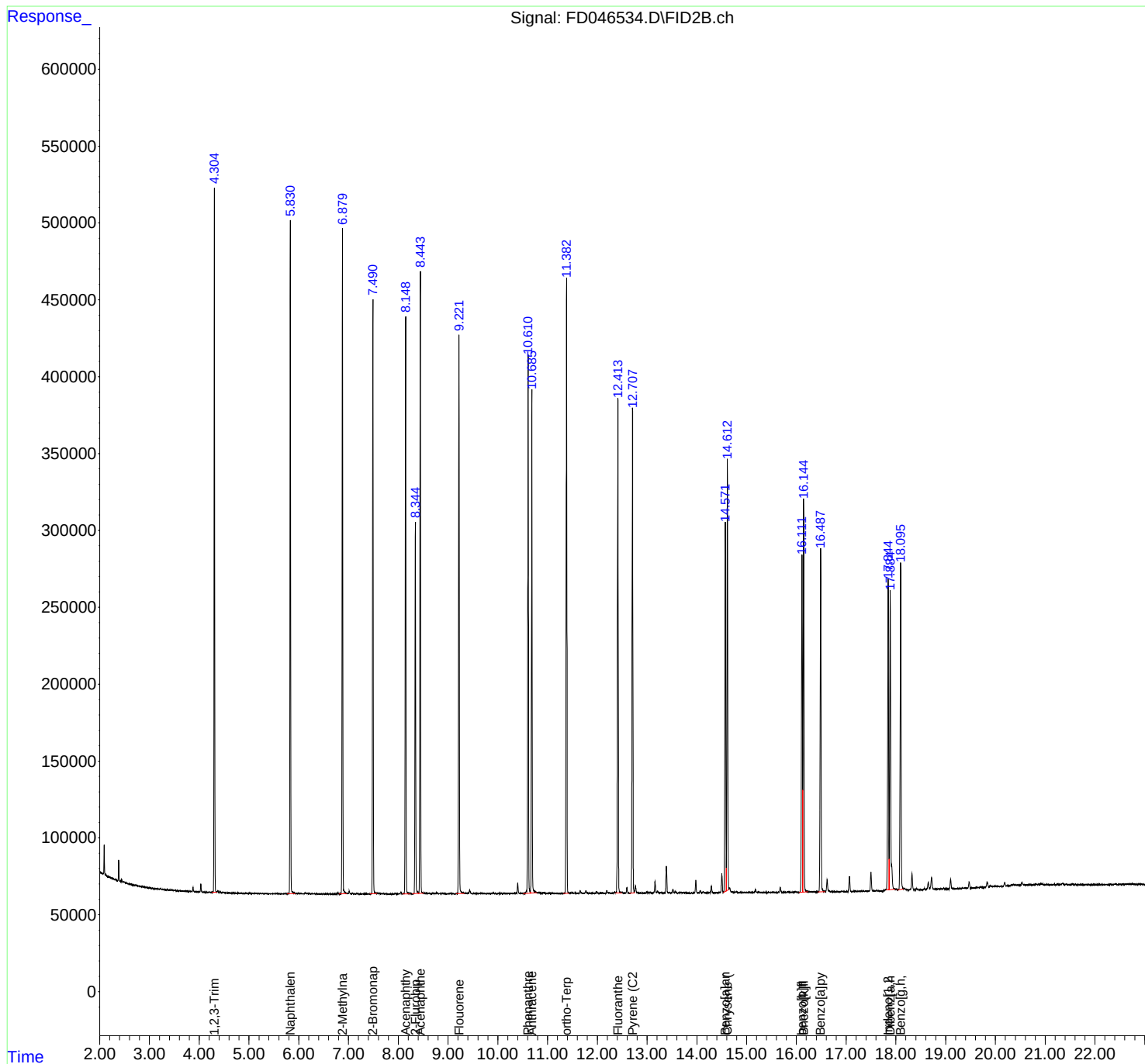
(m)=manual int.

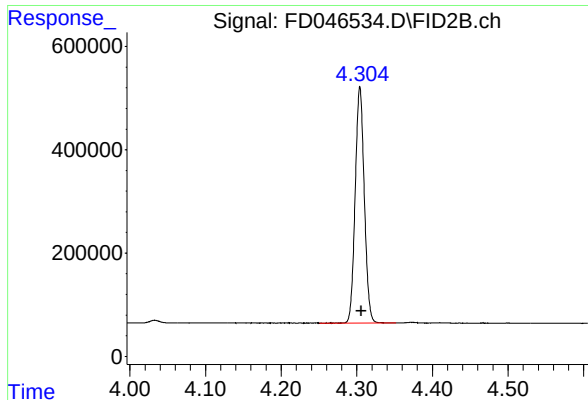
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Signal Info : 20M x 0.18mm x 0.18µm

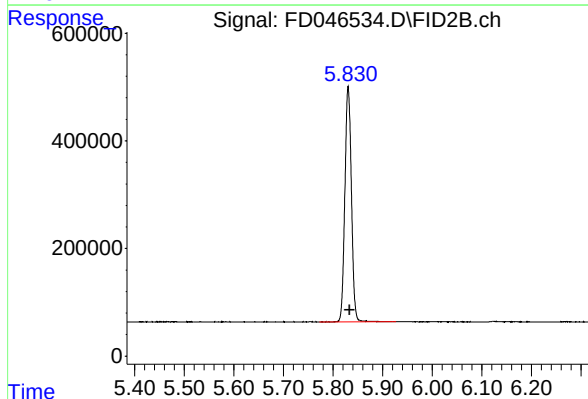




#1 1,2,3-Trimethylbenzene (C10.1)

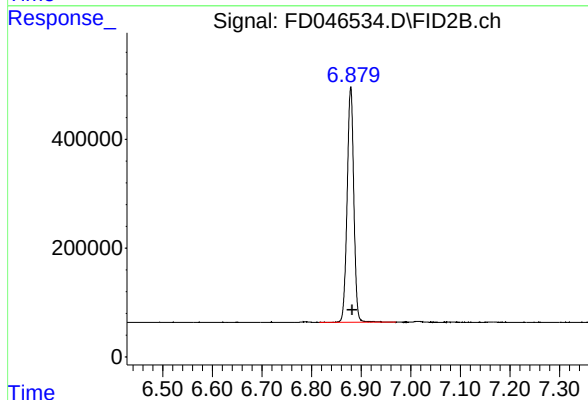
R.T.: 4.304 min
Delta R.T.: -0.002 min
Response: 3819123
Conc: 20.68 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



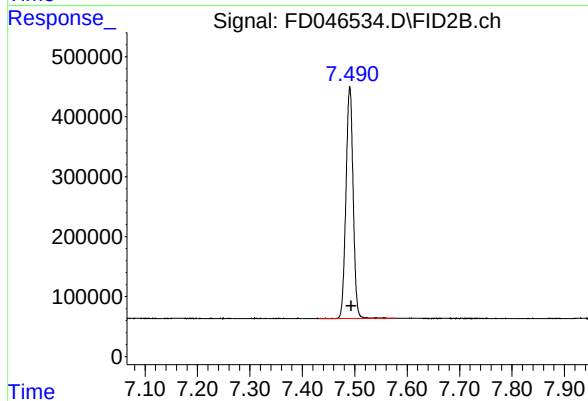
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 4009975
Conc: 20.75 ug/ml



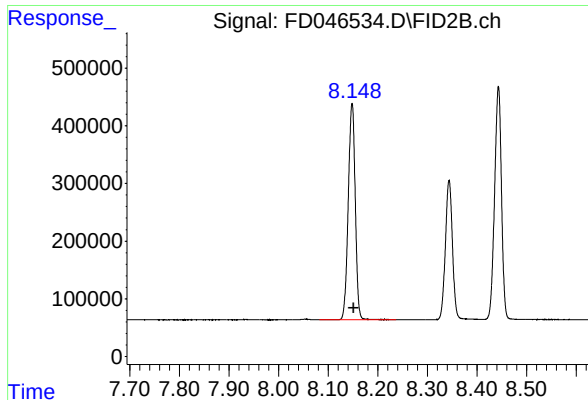
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 4039933
Conc: 20.85 ug/ml



#4 2-Bromonaphthalene (SURR)

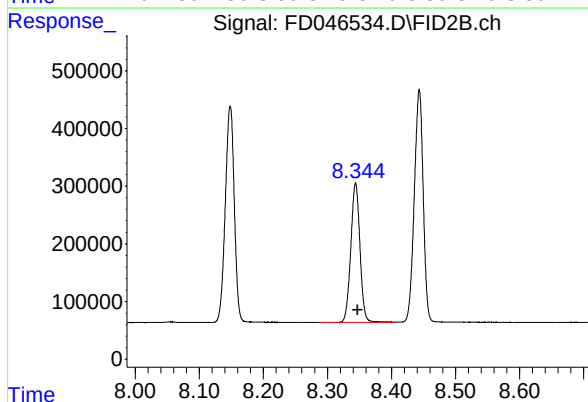
R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 3661751
Conc: 20.78 ug/ml



#5 Acenaphthylene (C15.06)

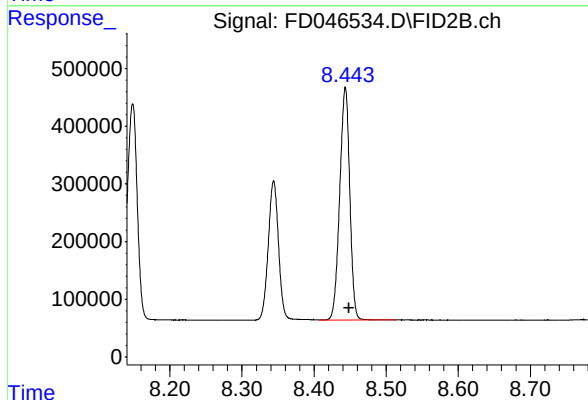
R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 3685979
Conc: 20.90 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



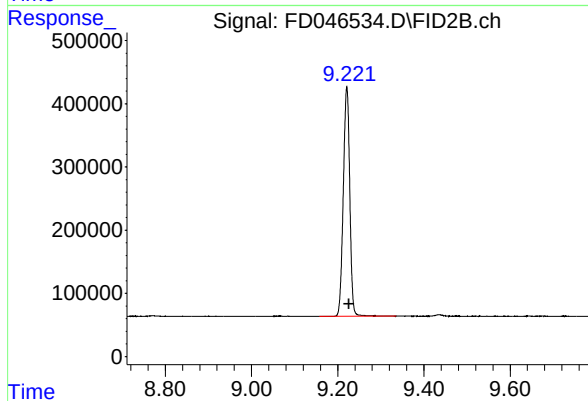
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 2400239
Conc: 20.72 ug/ml



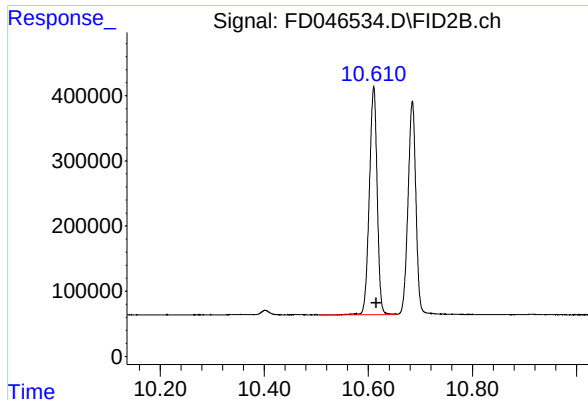
#7 Acenaphthene (C15.5)

R.T.: 8.443 min
Delta R.T.: -0.005 min
Response: 3913339
Conc: 20.83 ug/ml



#8 Flouorene (C16.55)

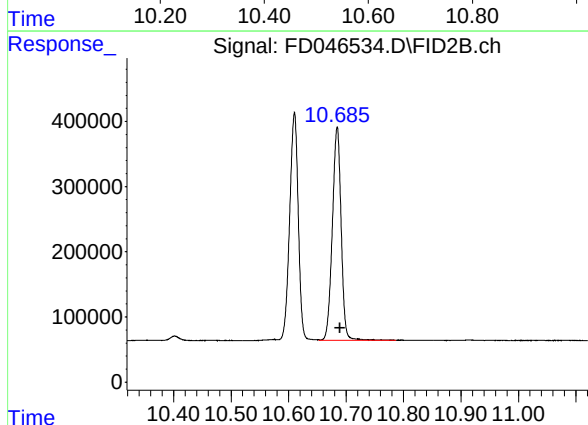
R.T.: 9.221 min
Delta R.T.: -0.005 min
Response: 3779460
Conc: 20.95 ug/ml



#9 Phenanthrene (C19.36)

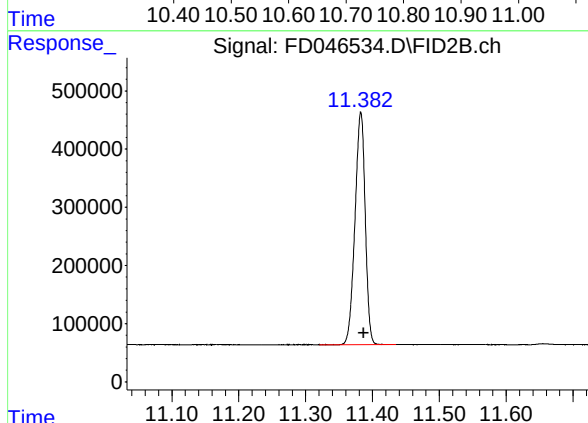
R.T.: 10.610 min
Delta R.T.: -0.005 min
Response: 3659073
Conc: 20.81 ug/ml

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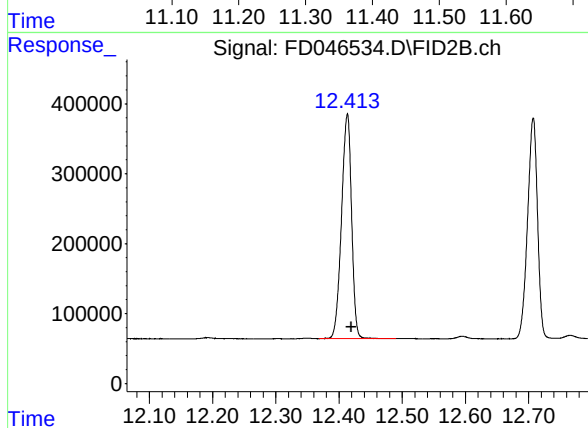
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: -0.005 min
Response: 3467165
Conc: 22.57 ug/ml



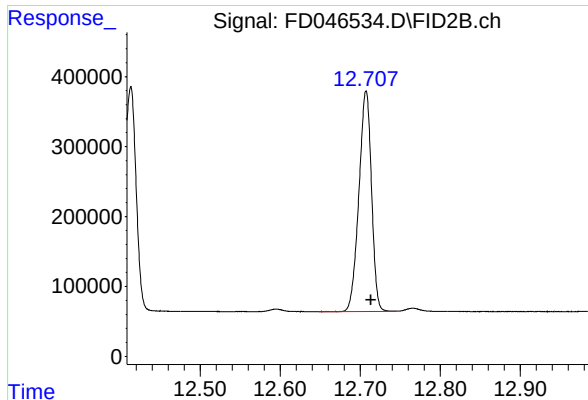
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 4252282
Conc: 20.87 ug/ml



#12 Fluoranthene (C21.85)

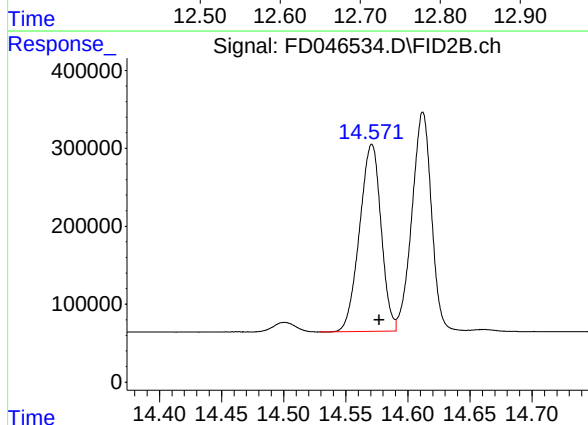
R.T.: 12.413 min
Delta R.T.: -0.007 min
Response: 3564780
Conc: 20.92 ug/ml



#13 Pyrene (C20.8)

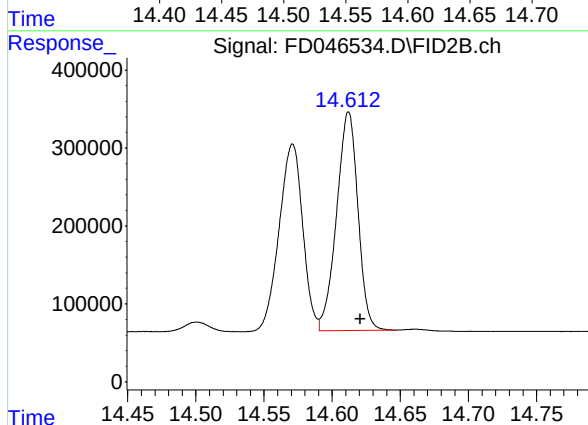
R.T.: 12.707 min
Delta R.T.: -0.006 min
Response: 3456177
Conc: 21.07 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



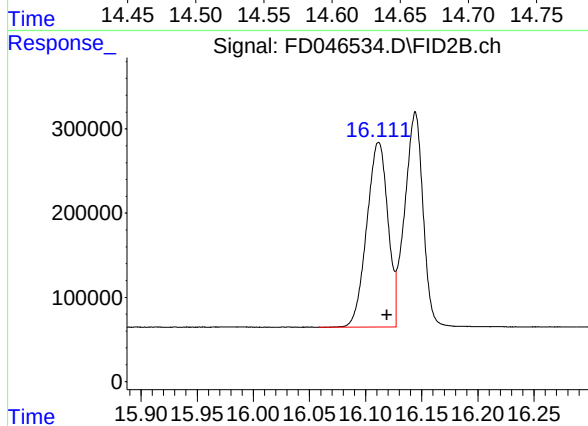
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.571 min
Delta R.T.: -0.006 min
Response: 2894622
Conc: 20.73 ug/ml



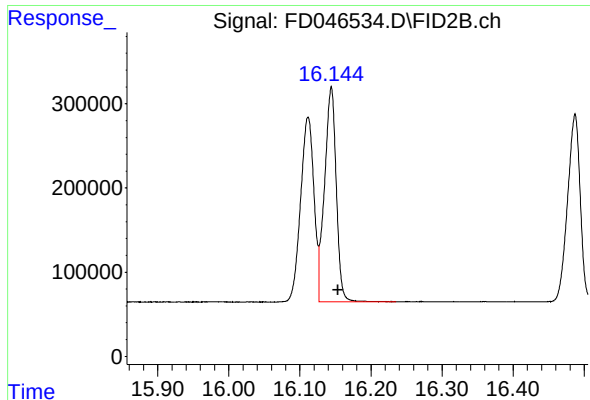
#15 Chrysene (C27.41)

R.T.: 14.612 min
Delta R.T.: -0.009 min
Response: 3061571
Conc: 20.17 ug/ml



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

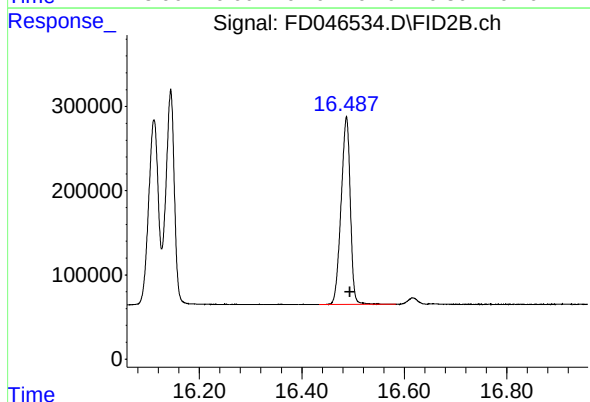
R.T.: 16.112 min
Delta R.T.: -0.007 min
Response: 2874340
Conc: 20.96 ug/ml



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

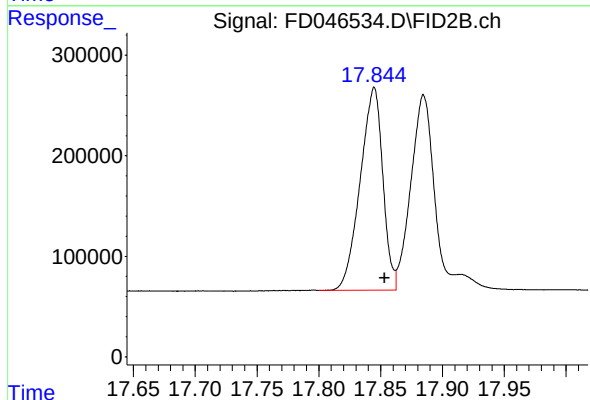
R.T.: 16.144 min
Delta R.T.: -0.010 min
Response: 2918168
Conc: 21.07 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



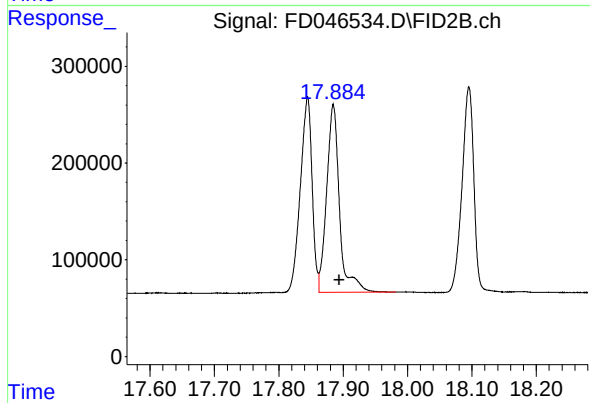
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.487 min
Delta R.T.: -0.008 min
Response: 2772499
Conc: 20.72 ug/ml



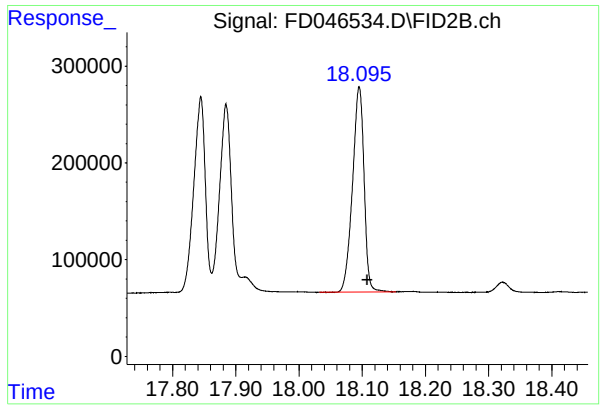
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
Delta R.T.: -0.009 min
Response: 2564750
Conc: 20.46 ug/ml



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

R.T.: 17.885 min
Delta R.T.: -0.009 min
Response: 2701866
Conc: 20.30 ug/ml



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

R.T.: 18.095 min
Delta R.T.: -0.013 min
Response: 2692797
Conc: 20.42 ug/ml

Instrument :

FID_D

ClientSampleId :

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