

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040924AR\
 Data File : FD047512.D
 Signal(s) : FID2B.ch
 Acq On : 09 Apr 2024 12:01
 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: sample.E
 Quant Time: Apr 09 13:01:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.456	3144744	21.035 ug/ml
Spiked Amount 50.000		Recovery =	42.07%
6) S 2-Fluorobiphenyl (SURR)	8.308	2087859	21.368 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.74%
11) S ortho-Terphenyl (SURR)	11.344	3628029	21.164 ug/ml
Spiked Amount 50.000		Recovery =	42.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	3295557	20.856 ug/ml
2) T Naphthalene (C11.7)	5.797	3432876	20.978 ug/ml
3) T 2-Methylnaphthalene (...)	6.844	3457383	21.020 ug/ml
5) T Acenaphthylene (C15.06)	8.111	3126446	20.713 ug/ml
7) T Acenaphthene (C15.5)	8.406	3366516	21.019 ug/ml
8) T Flouorene (C16.55)	9.184	3266554	21.115 ug/ml
9) T Phenanthrene (C19.36)	10.572	3177234	21.355 ug/ml
10) T Anthracene (C19.43)	10.647	2574347	18.928 ug/ml
12) T Fluoranthene (C21.85)	12.375	3169128	21.438 ug/ml
13) T Pyrene (C20.8)	12.669	3066767	21.250 ug/ml
14) T Benzo[a]anthracene (C...	14.533	2810629	21.372 ug/ml
15) T Chrysene (C27.41)	14.575	3042360	21.575 ug/ml
16) T benzo[b]fluoranthene ...	16.076	2959624	21.214 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	2994422	21.529 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.452	2898024	21.107 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	2842169	21.070 ug/ml
20) T Dibenz[a,h]anthracene...	17.851	3039804	22.618 ug/ml
21) T Benzo[g,h,i]perylene ...	18.062	2964381	21.359 ug/ml

(f)=RT Delta > 1/2 Window

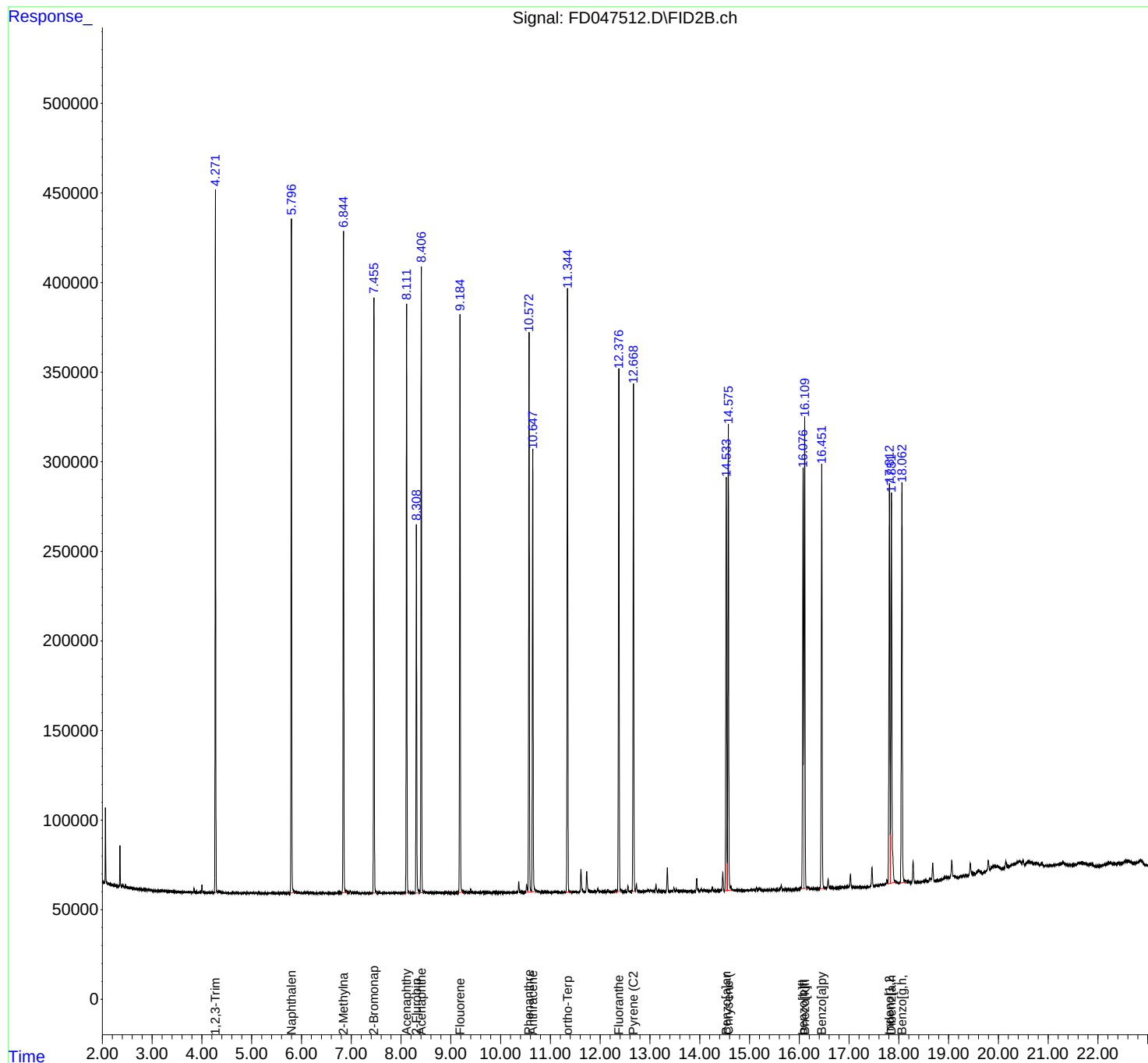
(m)=manual int.

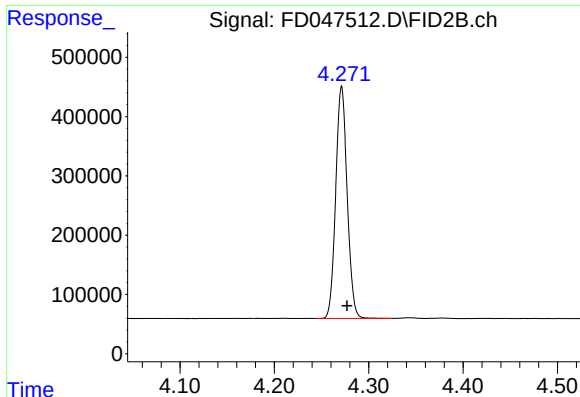
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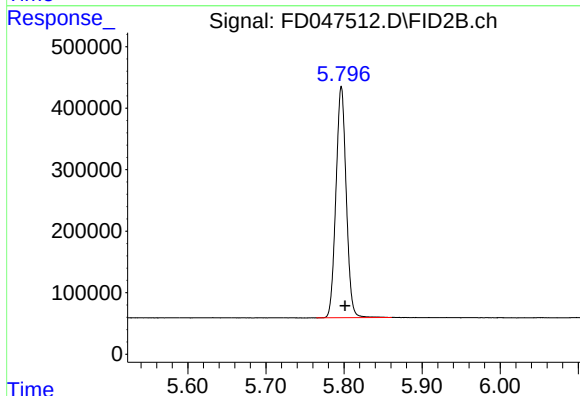




#1 1,2,3-Trimethylbenzene (C10.1)

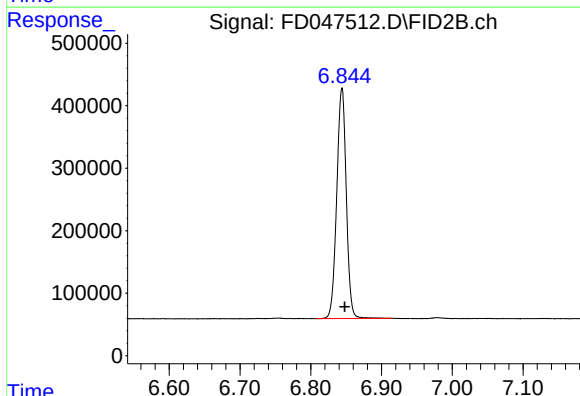
R.T.: 4.271 min
Delta R.T.: -0.006 min
Response: 3295557
Conc: 20.86 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



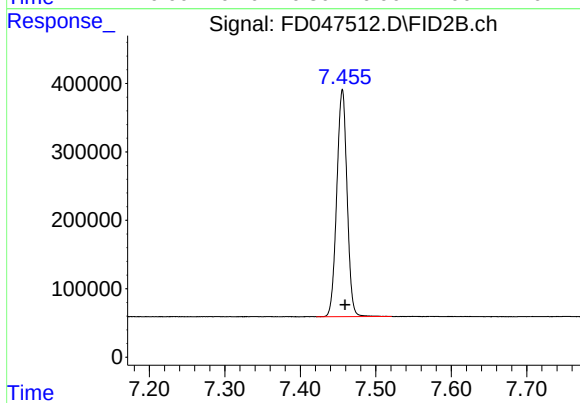
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: -0.005 min
Response: 3432876
Conc: 20.98 ug/ml



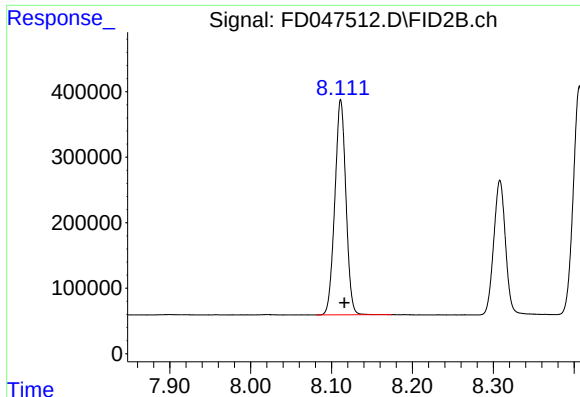
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.844 min
Delta R.T.: -0.004 min
Response: 3457383
Conc: 21.02 ug/ml



#4 2-Bromonaphthalene (SURR)

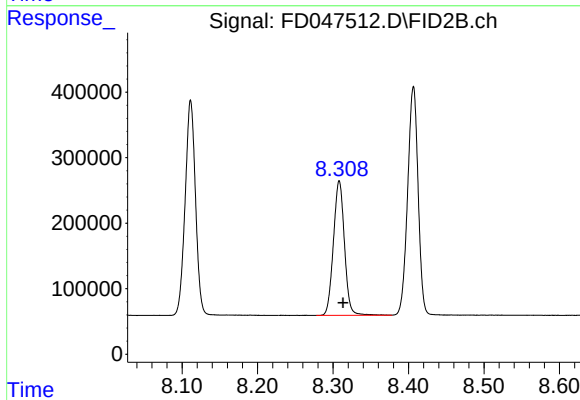
R.T.: 7.456 min
Delta R.T.: -0.004 min
Response: 3144744
Conc: 21.03 ug/ml



#5 Acenaphthylene (C15.06)

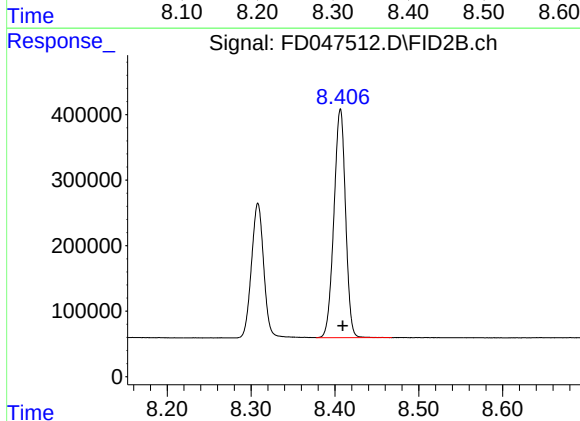
R.T.: 8.111 min
Delta R.T.: -0.004 min
Response: 3126446
Conc: 20.71 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



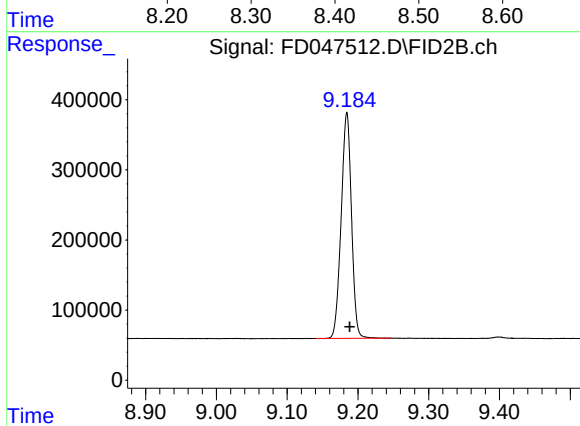
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.308 min
Delta R.T.: -0.005 min
Response: 2087859
Conc: 21.37 ug/ml



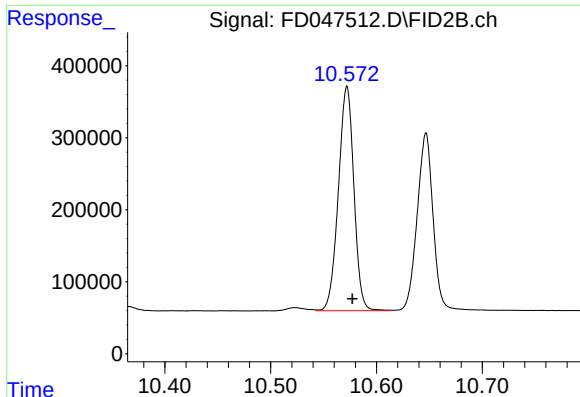
#7 Acenaphthene (C15.5)

R.T.: 8.406 min
Delta R.T.: -0.003 min
Response: 3366516
Conc: 21.02 ug/ml



#8 Flouorene (C16.55)

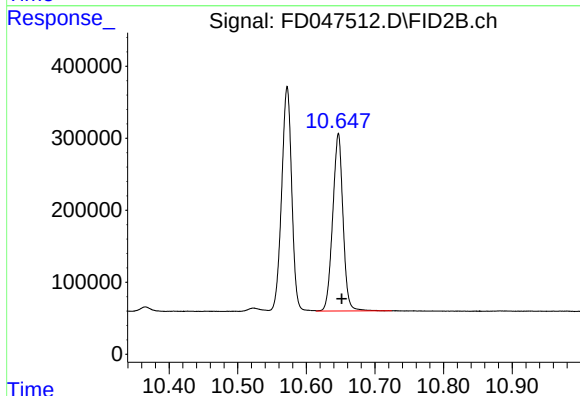
R.T.: 9.184 min
Delta R.T.: -0.004 min
Response: 3266554
Conc: 21.12 ug/ml



#9 Phenanthrene (C19.36)

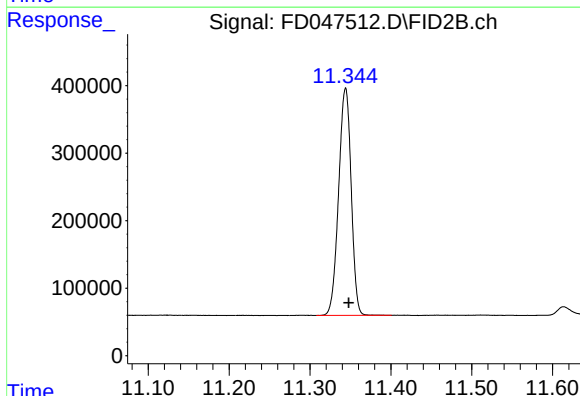
R.T.: 10.572 min
Delta R.T.: -0.005 min
Response: 3177234
Conc: 21.36 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



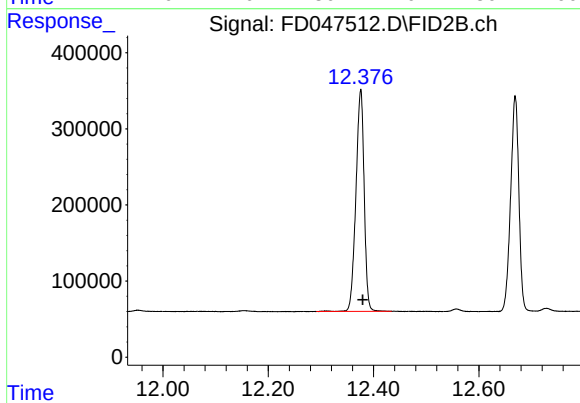
#10 Anthracene (C19.43)

R.T.: 10.647 min
Delta R.T.: -0.005 min
Response: 2574347
Conc: 18.93 ug/ml



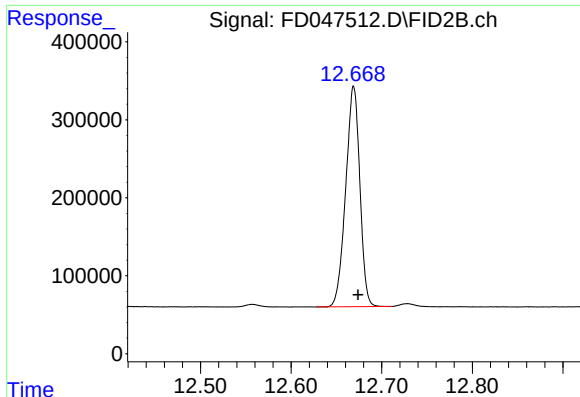
#11 ortho-Terphenyl (SURR)

R.T.: 11.344 min
Delta R.T.: -0.004 min
Response: 3628029
Conc: 21.16 ug/ml



#12 Fluoranthene (C21.85)

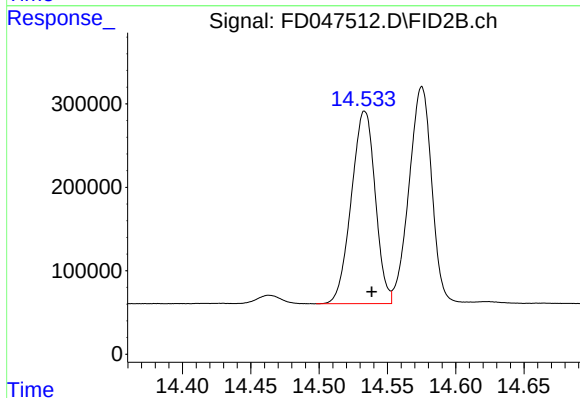
R.T.: 12.375 min
Delta R.T.: -0.005 min
Response: 3169128
Conc: 21.44 ug/ml



#13 Pyrene (C20.8)

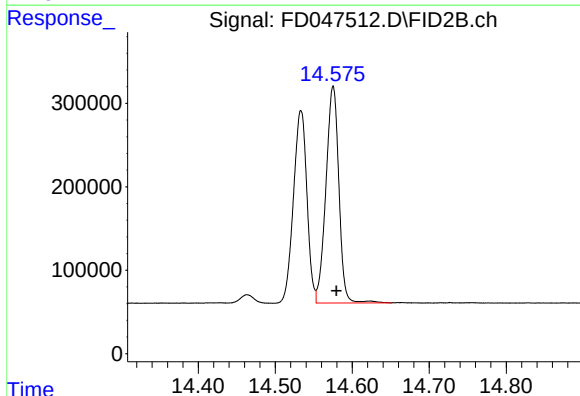
R.T.: 12.669 min
Delta R.T.: -0.005 min
Response: 3066767
Conc: 21.25 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



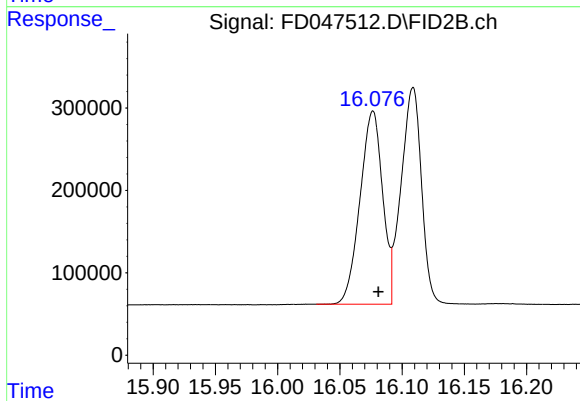
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.533 min
Delta R.T.: -0.005 min
Response: 2810629
Conc: 21.37 ug/ml



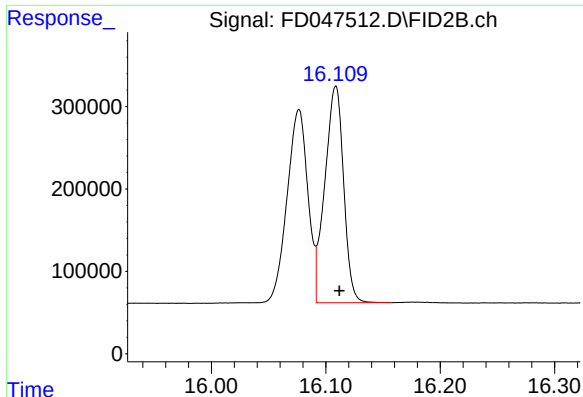
#15 Chrysene (C27.41)

R.T.: 14.575 min
Delta R.T.: -0.004 min
Response: 3042360
Conc: 21.58 ug/ml



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

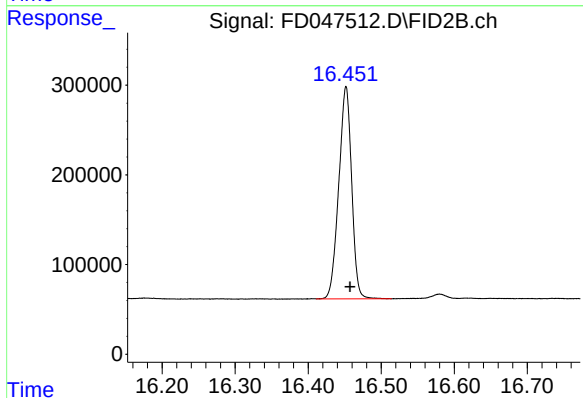
R.T.: 16.076 min
Delta R.T.: -0.005 min
Response: 2959624
Conc: 21.21 ug/ml



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

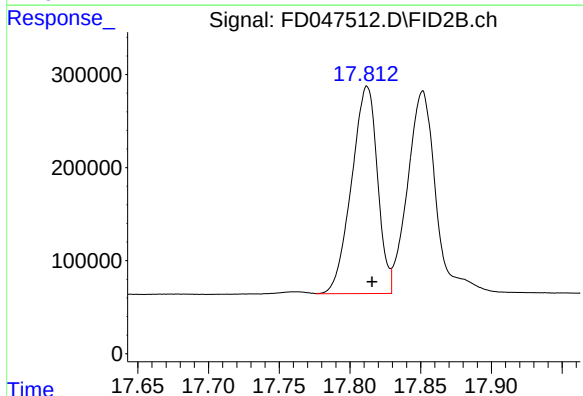
R.T.: 16.108 min
Delta R.T.: -0.003 min
Response: 2994422
Conc: 21.53 ug/ml

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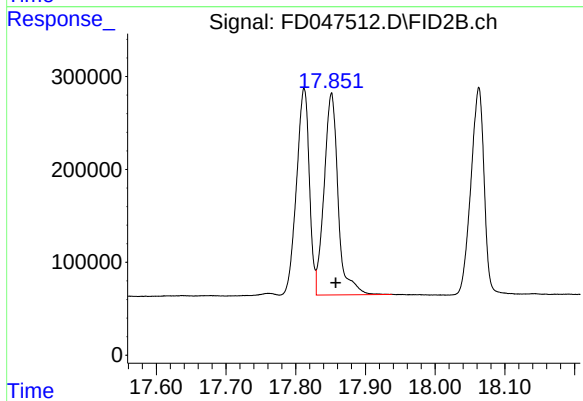
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.452 min
Delta R.T.: -0.006 min
Response: 2898024
Conc: 21.11 ug/ml



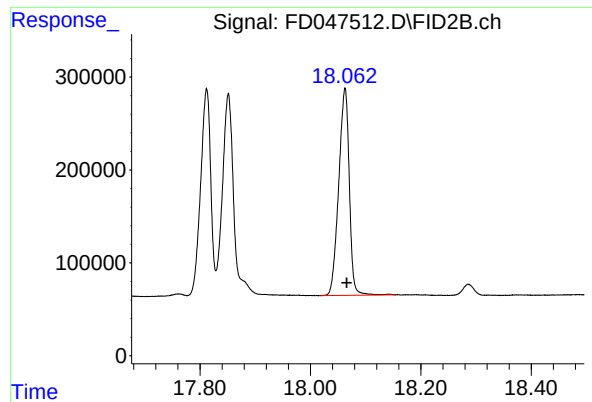
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: -0.004 min
Response: 2842169
Conc: 21.07 ug/ml



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

R.T.: 17.851 min
Delta R.T.: -0.006 min
Response: 3039804
Conc: 22.62 ug/ml



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

R.T.: 18.062 min
Delta R.T.: -0.003 min
Response: 2964381
Conc: 21.36 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD