

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AR\
 Data File : FD046487.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2023 18:34
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 14 19:43:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 14 19:41:25 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...	7.490	3506444	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.344	2323001	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.381	4057819	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3675483	20.000 ug/ml
2) T Naphthalene (C11.7)	5.831	3849075	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	3901213	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.148	3510333	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.443	3753799	20.000 ug/ml
8) T Fluorene (C16.55)	9.221	3632257	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.610	3504494	20.000 ug/ml
10) T Anthracene (C19.43)	10.684	3092512	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.412	3416828	20.000 ug/ml
13) T Pyrene (C20.8)	12.706	3297995	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.569	2793141	20.000 ug/ml
15) T Chrysene (C27.41)	14.612	3012678	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.112	2745729	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	2739611	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	2668183	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	2508242	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	2662220	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.094	2641833	20.000 ug/ml

(f)=RT Delta > 1/2 Window

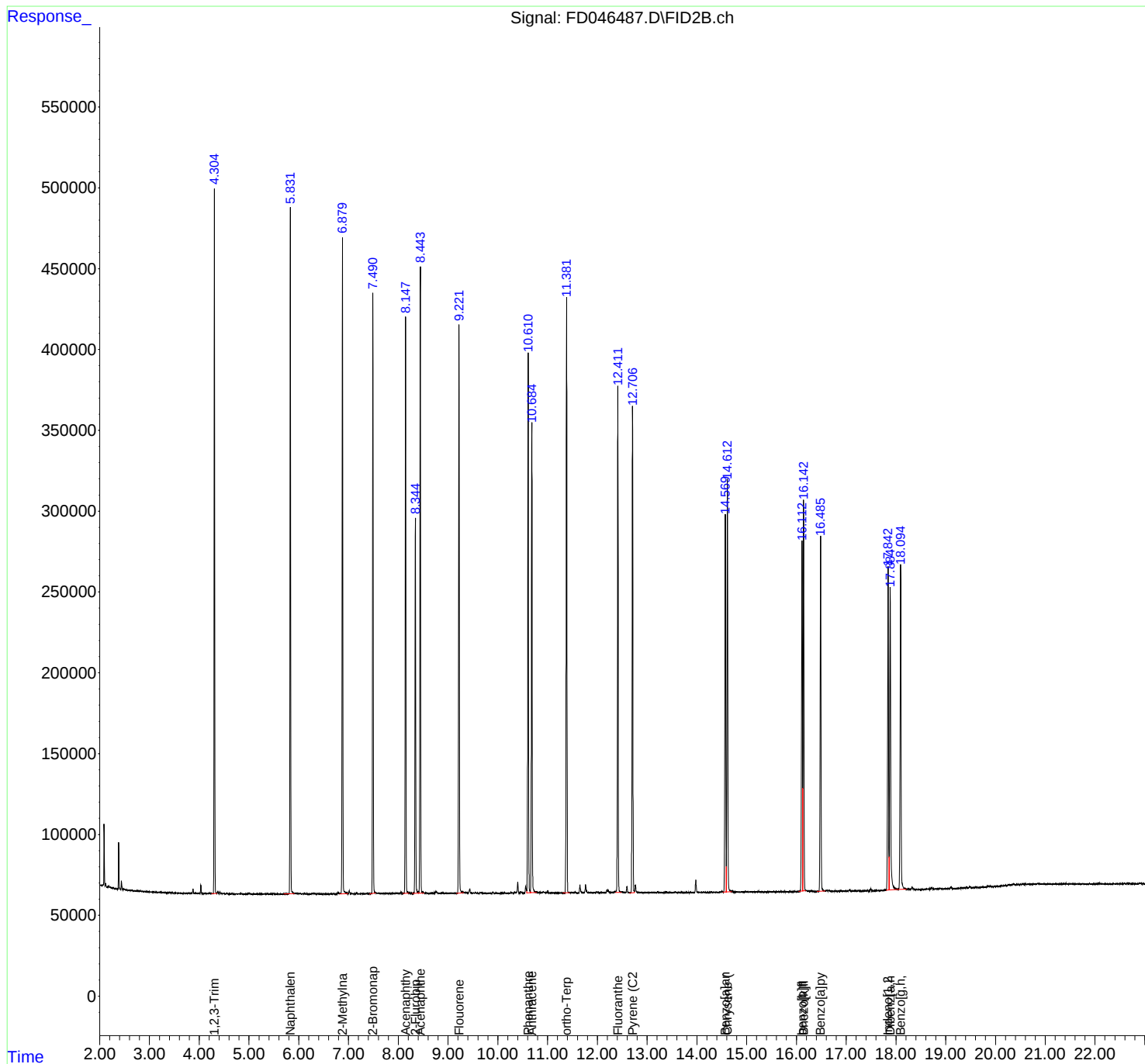
(m)=manual int.

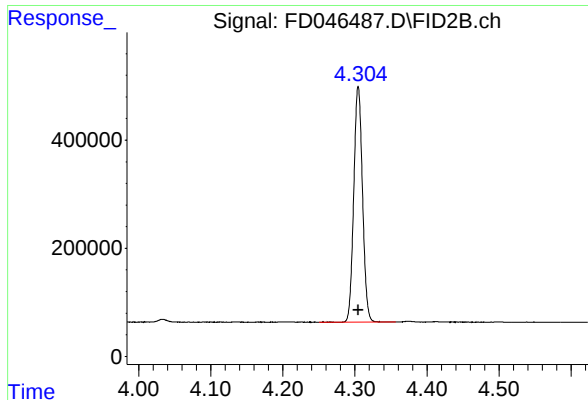
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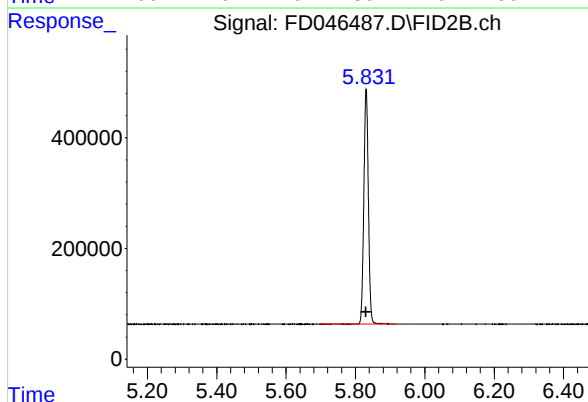




#1 1,2,3-Trimethylbenzene (C10.1)

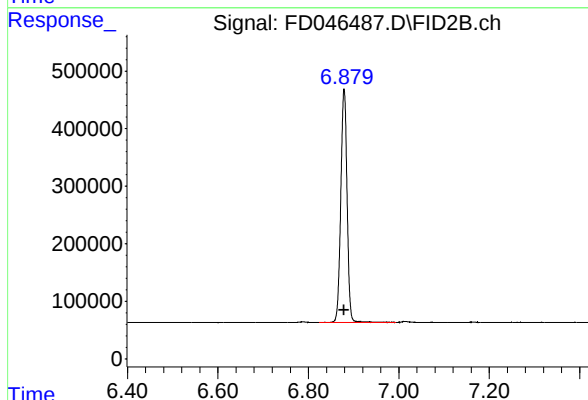
R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 3675483
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



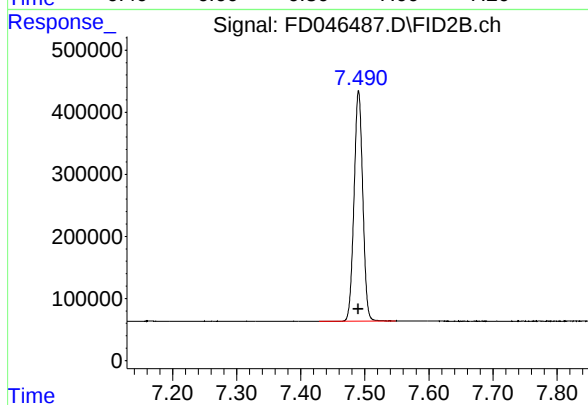
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 3849075
Conc: 20.00 ug/ml



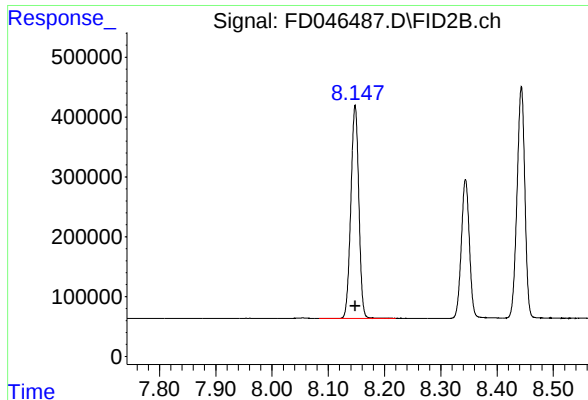
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 3901213
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

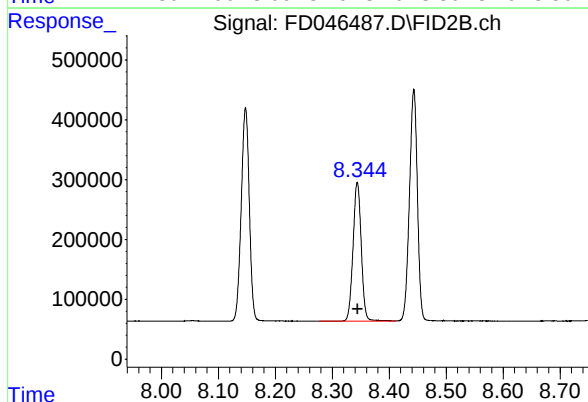
R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 3506444
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

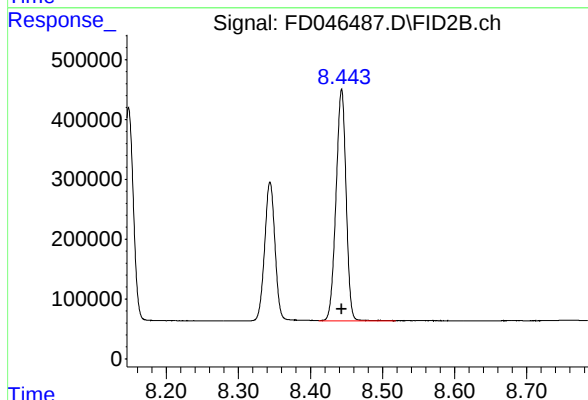
R.T.: 8.148 min
Delta R.T.: 0.000 min
Response: 3510333
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



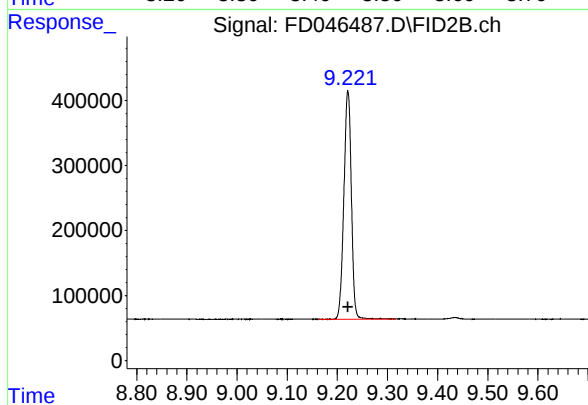
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 2323001
Conc: 20.00 ug/ml



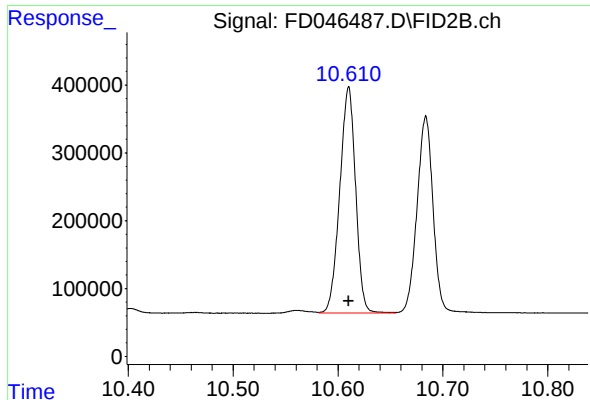
#7 Acenaphthene (C15.5)

R.T.: 8.443 min
Delta R.T.: 0.000 min
Response: 3753799
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

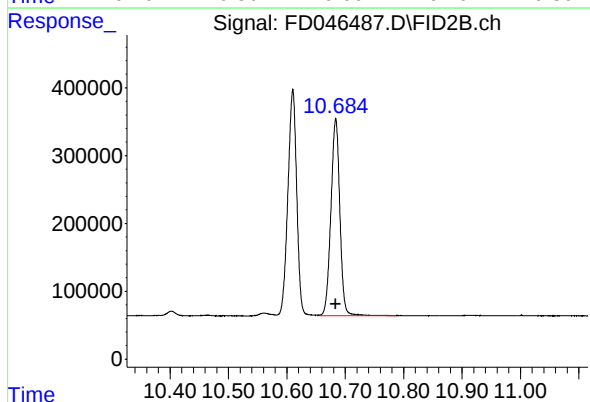
R.T.: 9.221 min
Delta R.T.: 0.000 min
Response: 3632257
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

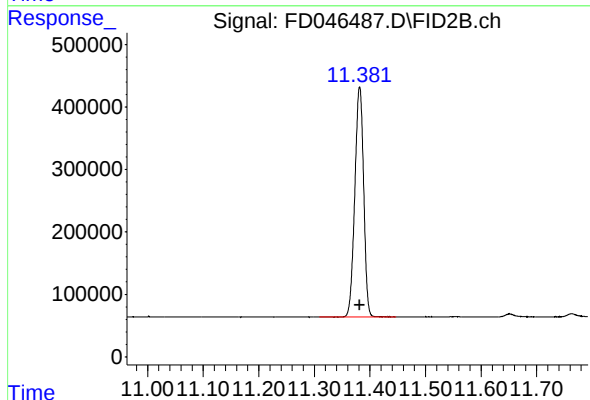
R.T.: 10.610 min
Delta R.T.: 0.000 min
Response: 3504494
Conc: 20.00 ug/ml

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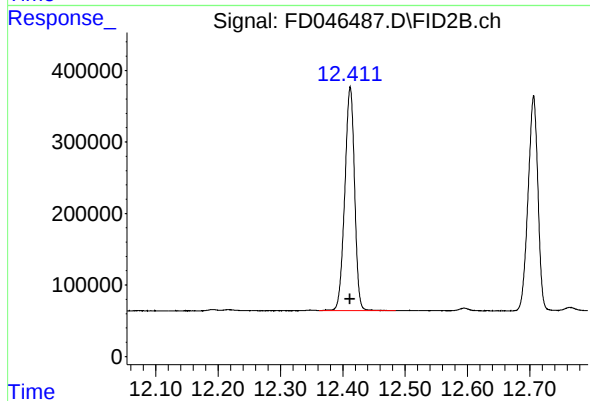
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: 0.000 min
Response: 3092512
Conc: 20.00 ug/ml



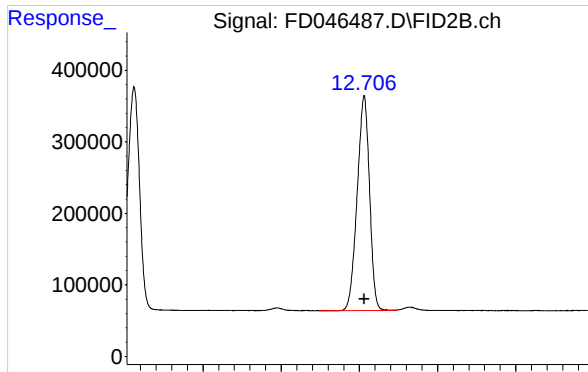
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: 0.000 min
Response: 4057819
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

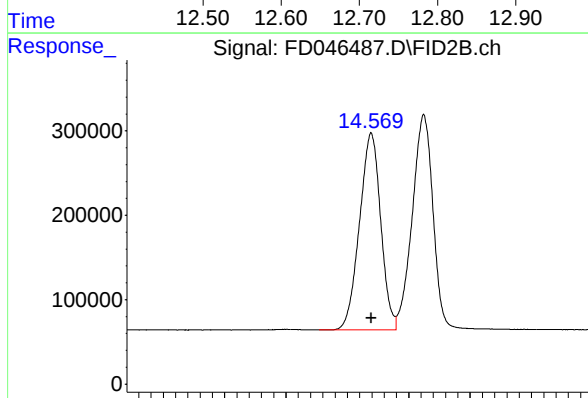
R.T.: 12.412 min
Delta R.T.: 0.000 min
Response: 3416828
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

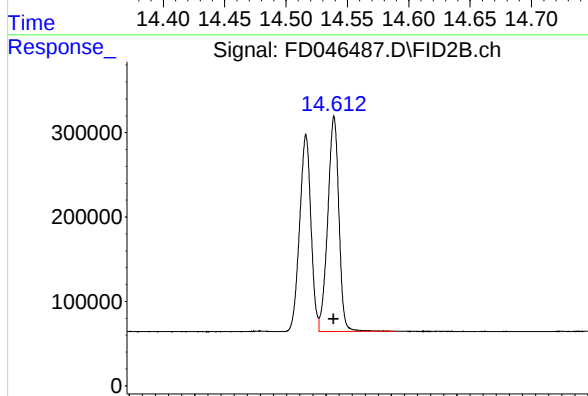
R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 3297995
Conc: 20.00 ug/ml

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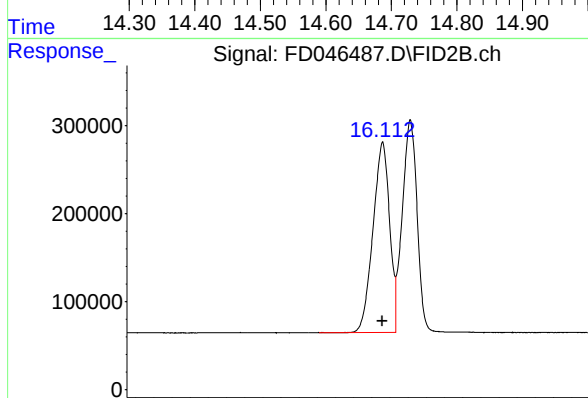
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.569 min
Delta R.T.: 0.000 min
Response: 2793141
Conc: 20.00 ug/ml



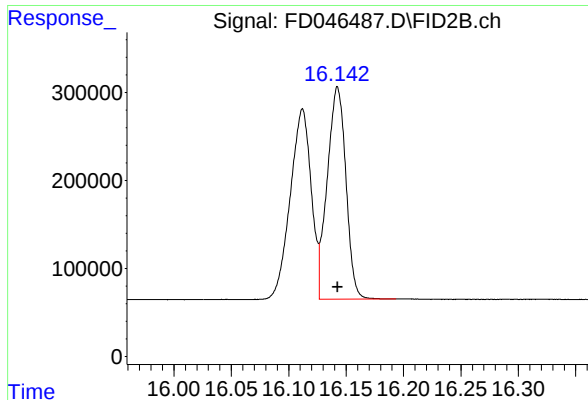
#15 Chrysene (C27.41)

R.T.: 14.612 min
Delta R.T.: 0.000 min
Response: 3012678
Conc: 20.00 ug/ml



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

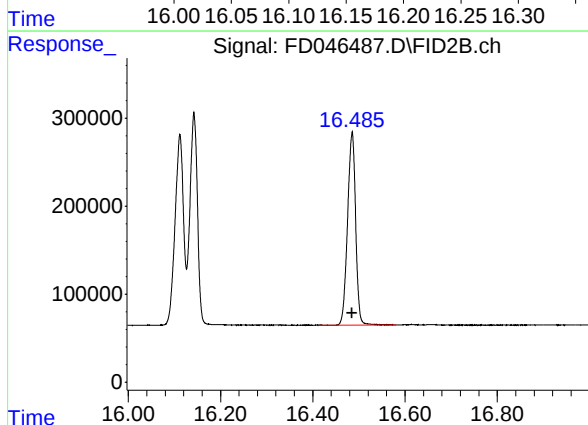
R.T.: 16.112 min
Delta R.T.: 0.000 min
Response: 2745729
Conc: 20.00 ug/ml



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

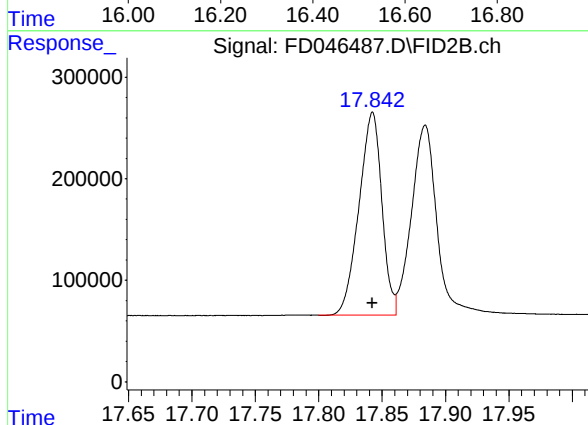
R.T.: 16.142 min
Delta R.T.: 0.000 min
Response: 2739611
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



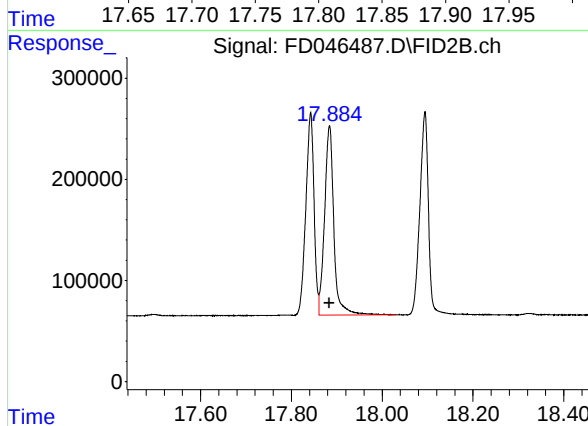
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.000 min
Response: 2668183
Conc: 20.00 ug/ml



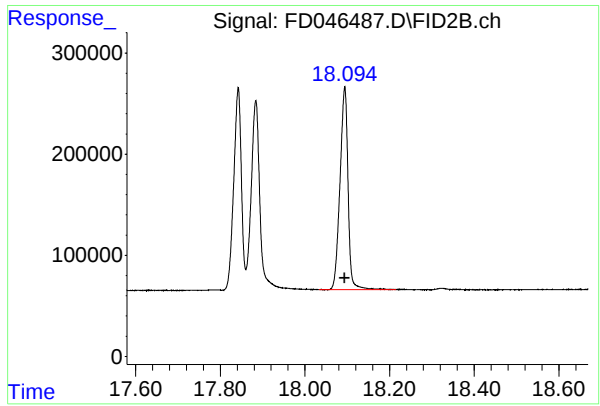
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: 0.000 min
Response: 2508242
Conc: 20.00 ug/ml



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

R.T.: 17.884 min
Delta R.T.: 0.000 min
Response: 2662220
Conc: 20.00 ug/ml



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

R.T.: 18.094 min
Delta R.T.: 0.000 min
Response: 2641833
Conc: 20.00 ug/ml

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