

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073124AR\
 Data File : FD048106.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2024 02:21
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
 Quant Time: Aug 01 04:50:55 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...	7.404	3013490	20.276 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
6) S 2-Fluorobiphenyl (SURR)	8.255	1989583	21.023 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.05%
11) S ortho-Terphenyl (SURR)	11.293	3448341	20.609 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	3424612	20.451 ug/ml
2) T Naphthalene (C11.7)	5.744	3549375	20.539 ug/ml
3) T 2-Methylnaphthalene (...)	6.792	3548823	20.458 ug/ml
5) T Acenaphthylene (C15.06)	8.058	3437808	20.061 ug/ml
7) T Acenaphthene (C15.5)	8.353	3490639	20.122 ug/ml
8) T Fluorene (C16.55)	9.132	3393688	20.894 ug/ml
9) T Phenanthrene (C19.36)	10.519	3315382	20.876 ug/ml
10) T Anthracene (C19.43)	10.594	2595503	16.438 ug/ml
12) T Fluoranthene (C21.85)	12.324	3318752	20.961 ug/ml
13) T Pyrene (C20.8)	12.618	3302279	20.883 ug/ml
14) T Benzo[a]anthracene (C...	14.486	2990086	21.901 ug/ml
15) T Chrysene (C27.41)	14.528	3148773	19.533 ug/ml
16) T benzo[b]fluoranthene ...	16.033	3166898	22.002 ug/ml
17) T Bnezo[k]fluoranthene ...	16.065	3118637	20.880 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.409	3053990	21.562 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.772	2828897	25.082 ug/mlm
20) T Dibenz[a,h]anthracene...	17.812	3013077	20.732 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.024	3116830	21.150 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

```
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Data File : FD048106.D  
Signal(s) : FID2B.ch  
Acq On    : 01 Aug 2024  02:21  
Operator  : YP/AJ  
Sample    : 20 PPM AROMATIC HC STD  
Misc      :  
ALS Vial  : 52    Sample Multiplier: 1
```

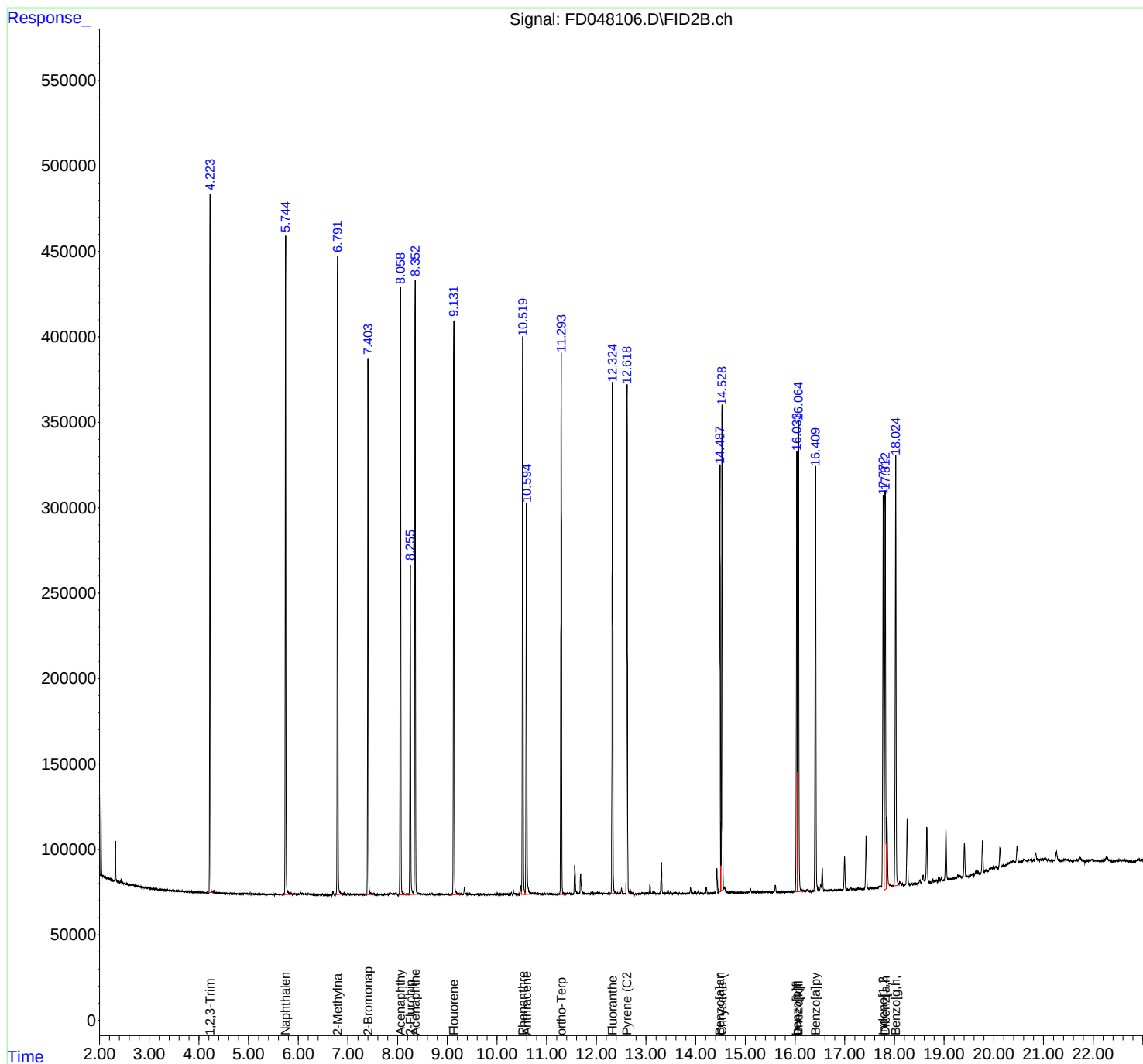
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

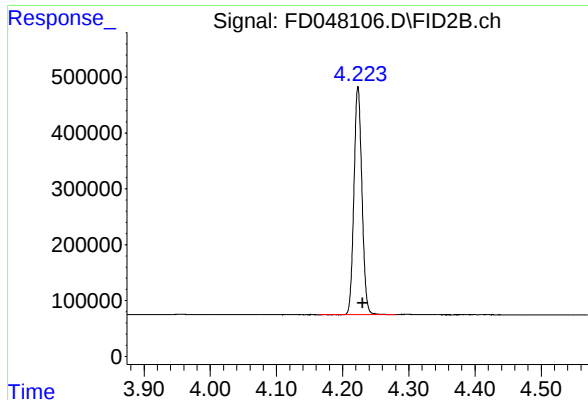
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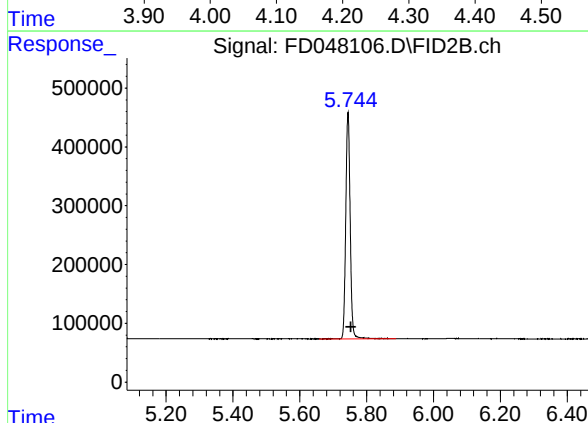
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.223 min
Delta R.T.: -0.007 min
Response: 3424612
Conc: 20.45 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

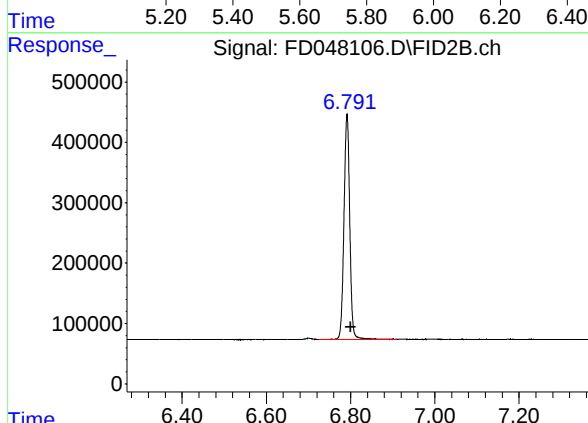
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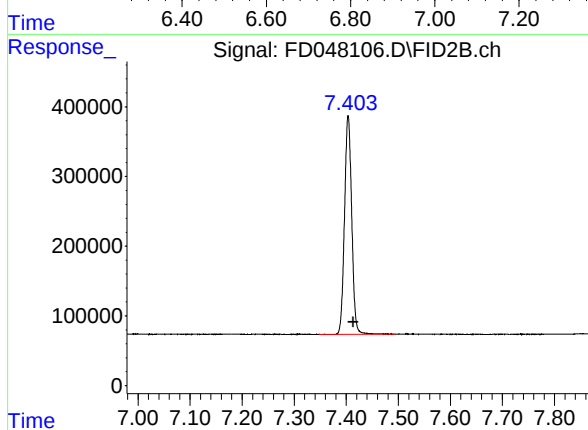
#2 Naphthalene (C11.7)

R.T.: 5.744 min
Delta R.T.: -0.009 min
Response: 3549375
Conc: 20.54 ug/ml



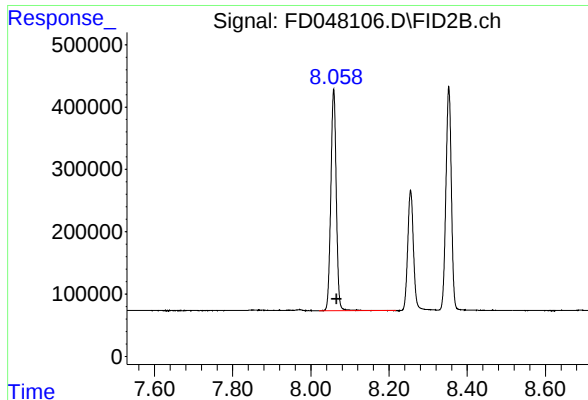
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.792 min
Delta R.T.: -0.009 min
Response: 3548823
Conc: 20.46 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.404 min
Delta R.T.: -0.009 min
Response: 3013490
Conc: 20.28 ug/ml



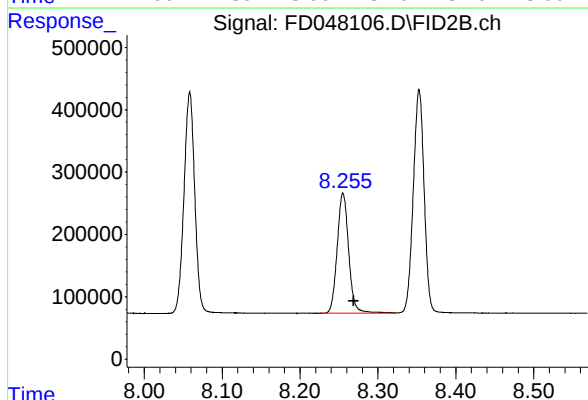
#5 Acenaphthylene (C15.06)

R.T.: 8.058 min
Delta R.T.: -0.008 min
Response: 3437808
Conc: 20.06 ug/ml

Instrument :
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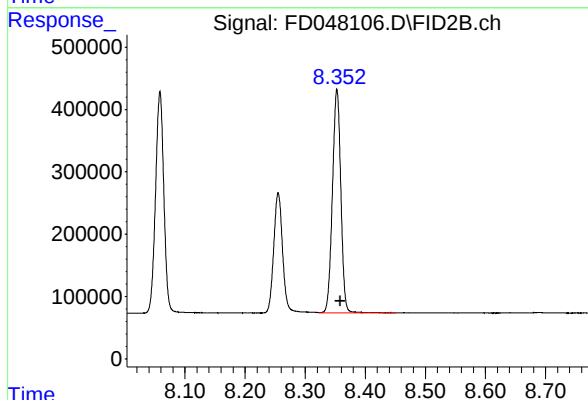
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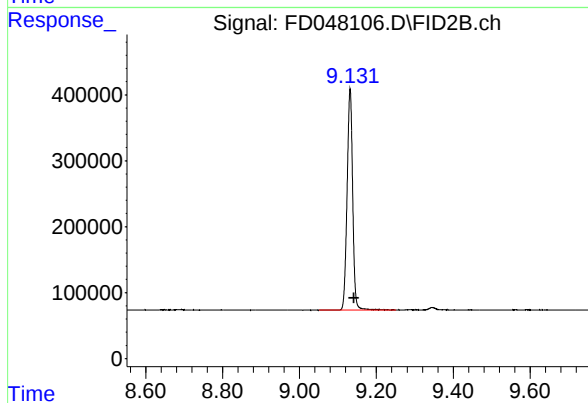
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.255 min
Delta R.T.: -0.014 min
Response: 1989583
Conc: 21.02 ug/ml



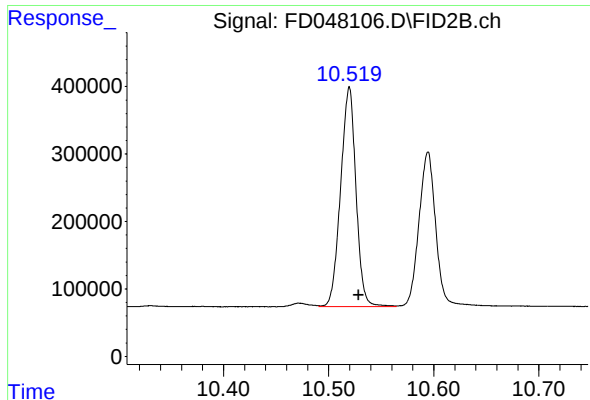
#7 Acenaphthene (C15.5)

R.T.: 8.353 min
Delta R.T.: -0.006 min
Response: 3490639
Conc: 20.12 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.132 min
Delta R.T.: -0.010 min
Response: 3393688
Conc: 20.89 ug/ml



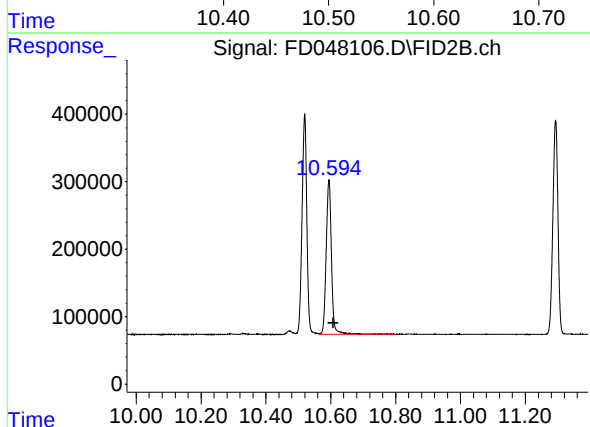
#9 Phenanthrene (C19.36)

R.T.: 10.519 min
Delta R.T.: -0.009 min
Response: 3315382
Conc: 20.88 ug/ml

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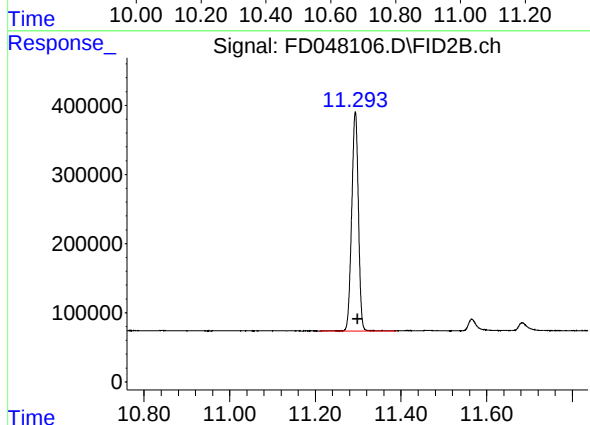
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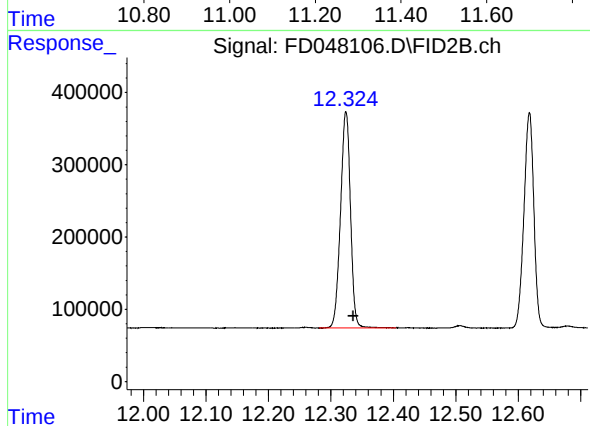
#10 Anthracene (C19.43)

R.T.: 10.594 min
Delta R.T.: -0.013 min
Response: 2595503
Conc: 16.44 ug/ml



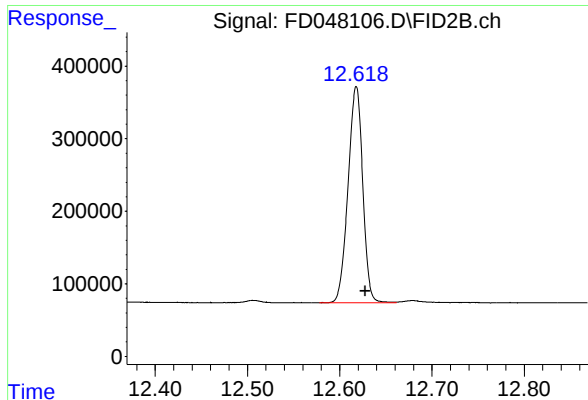
#11 ortho-Terphenyl (SURR)

R.T.: 11.293 min
Delta R.T.: -0.005 min
Response: 3448341
Conc: 20.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.324 min
Delta R.T.: -0.012 min
Response: 3318752
Conc: 20.96 ug/ml



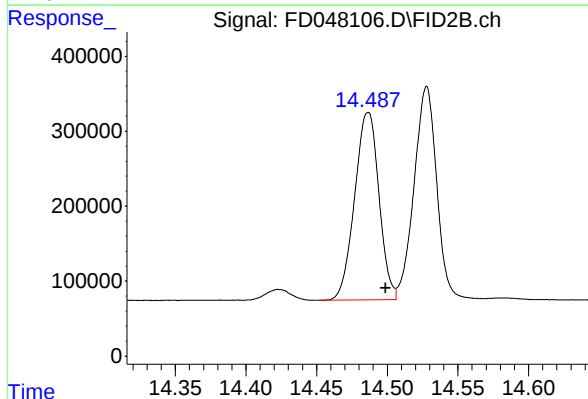
#13 Pyrene (C20.8)

R.T.: 12.618 min
Delta R.T.: -0.010 min
Response: 3302279
Conc: 20.88 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

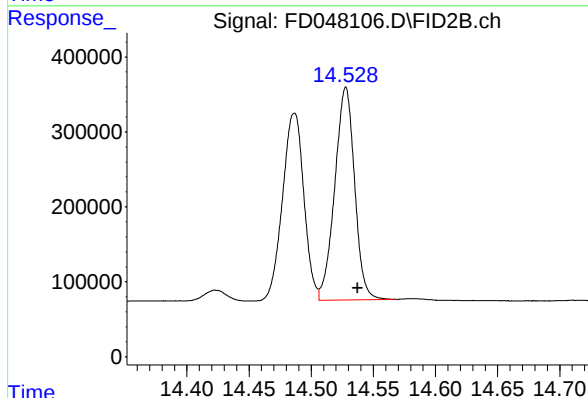
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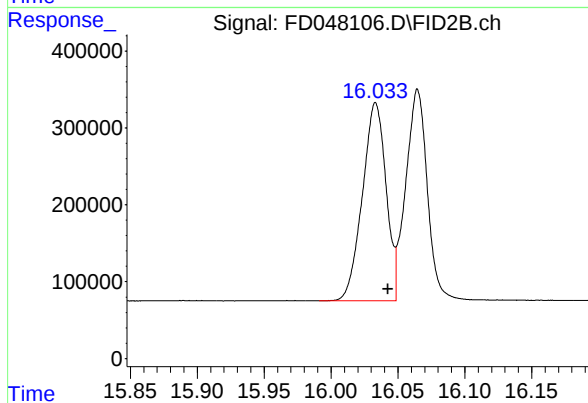
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.486 min
Delta R.T.: -0.013 min
Response: 2990086
Conc: 21.90 ug/ml



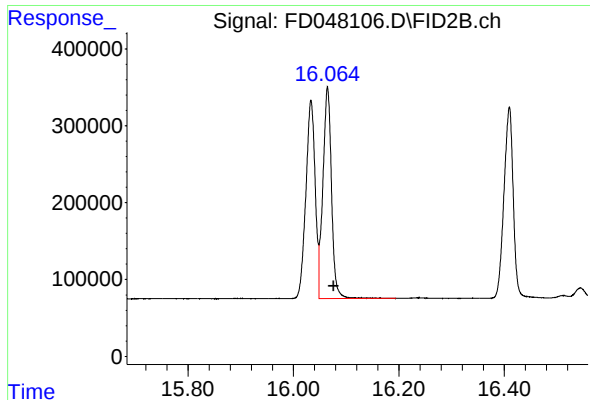
#15 Chrysene (C27.41)

R.T.: 14.528 min
Delta R.T.: -0.010 min
Response: 3148773
Conc: 19.53 ug/ml



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

R.T.: 16.033 min
Delta R.T.: -0.009 min
Response: 3166898
Conc: 22.00 ug/ml



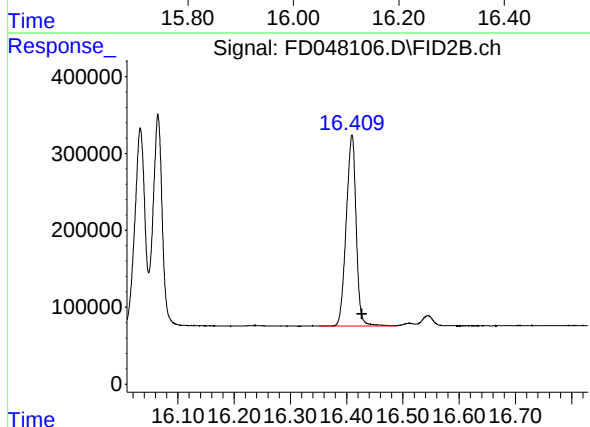
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.065 min
Delta R.T.: -0.011 min
Response: 3118637
Conc: 20.88 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

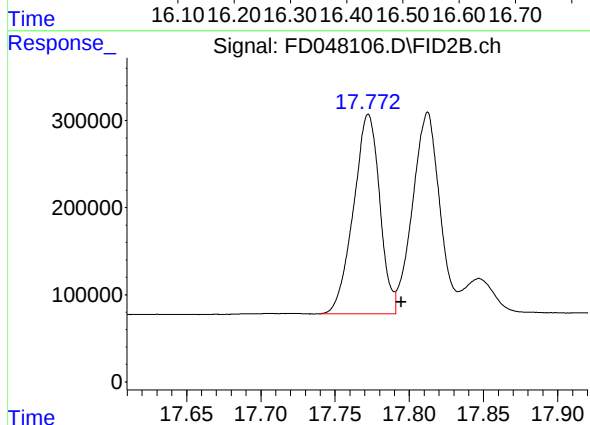
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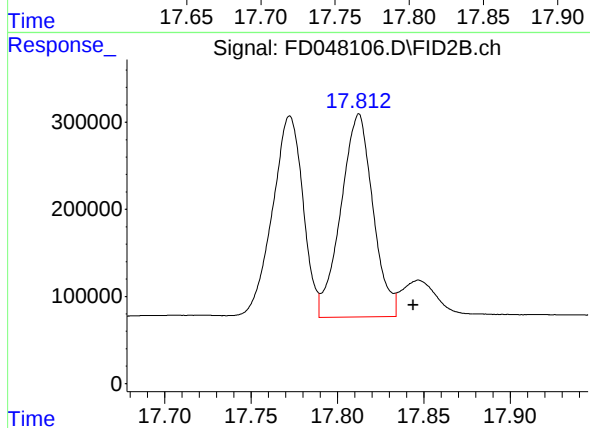
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.409 min
Delta R.T.: -0.018 min
Response: 3053990
Conc: 21.56 ug/ml



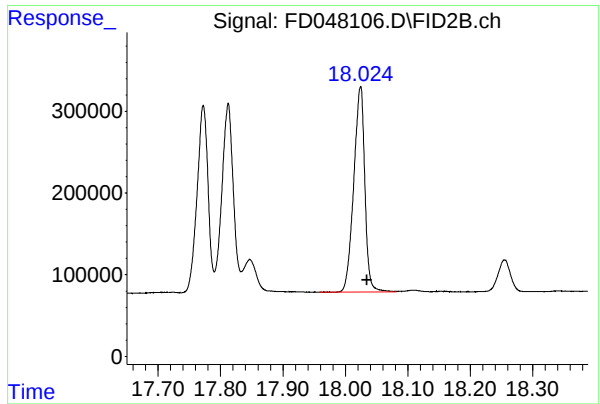
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.772 min
Delta R.T.: -0.022 min
Response: 2828897
Conc: 25.08 ug/ml m



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

R.T.: 17.812 min
Delta R.T.: -0.032 min
Response: 3013077
Conc: 20.73 ug/ml m



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

R.T.: 18.024 min
Delta R.T.: -0.011 min
Response: 3116830
Conc: 21.15 ug/ml

Instrument :

FID_D

ClientSampleId :

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