

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
 Data File : FD049499.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jun 2025 16:55
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 18 17:19:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 2025
 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...	7.736	2520038	19.764 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
6) S 2-Fluorobiphenyl (SURR)	8.601	1798394	20.254 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.51%
11) S ortho-Terphenyl (SURR)	11.645	3181971	20.064 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2379022	20.484 ug/ml
2) T Naphthalene (C11.7)	6.073	2739857	20.412 ug/ml
3) T 2-Methylnaphthalene (...)	7.126	2874600	20.346 ug/ml
5) T Acenaphthylene (C15.06)	8.404	3123950	19.982 ug/ml
7) T Acenaphthene (C15.5)	8.701	3038942	20.283 ug/ml
8) T Fluorene (C16.55)	9.481	3102058	20.165 ug/ml
9) T Phenanthrene (C19.36)	10.879	3231505	20.278 ug/ml
10) T Anthracene (C19.43)	10.954	3173307	20.212 ug/ml
12) T Fluoranthene (C21.85)	12.693	3244568	20.491 ug/ml
13) T Pyrene (C20.8)	12.991	3246021	20.517 ug/ml
14) T Benzo[a]anthracene (C...	14.863	3070714	20.807 ug/ml
15) T Chrysene (C27.41)	14.906	3100894	20.804 ug/ml
16) T benzo[b]fluoranthene ...	16.414	2936534	20.899 ug/ml
17) T Bnezo[k]fluoranthene ...	16.446	2784773	20.967 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.792	2855248	20.885 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.155	2534350	20.700 ug/ml
20) T Dibenz[a,h]anthracene...	18.196	2671263	20.859 ug/ml
21) T Benzo[g,h,i]perylene ...	18.412	2673872	20.918 ug/ml

(f)=RT Delta > 1/2 Window

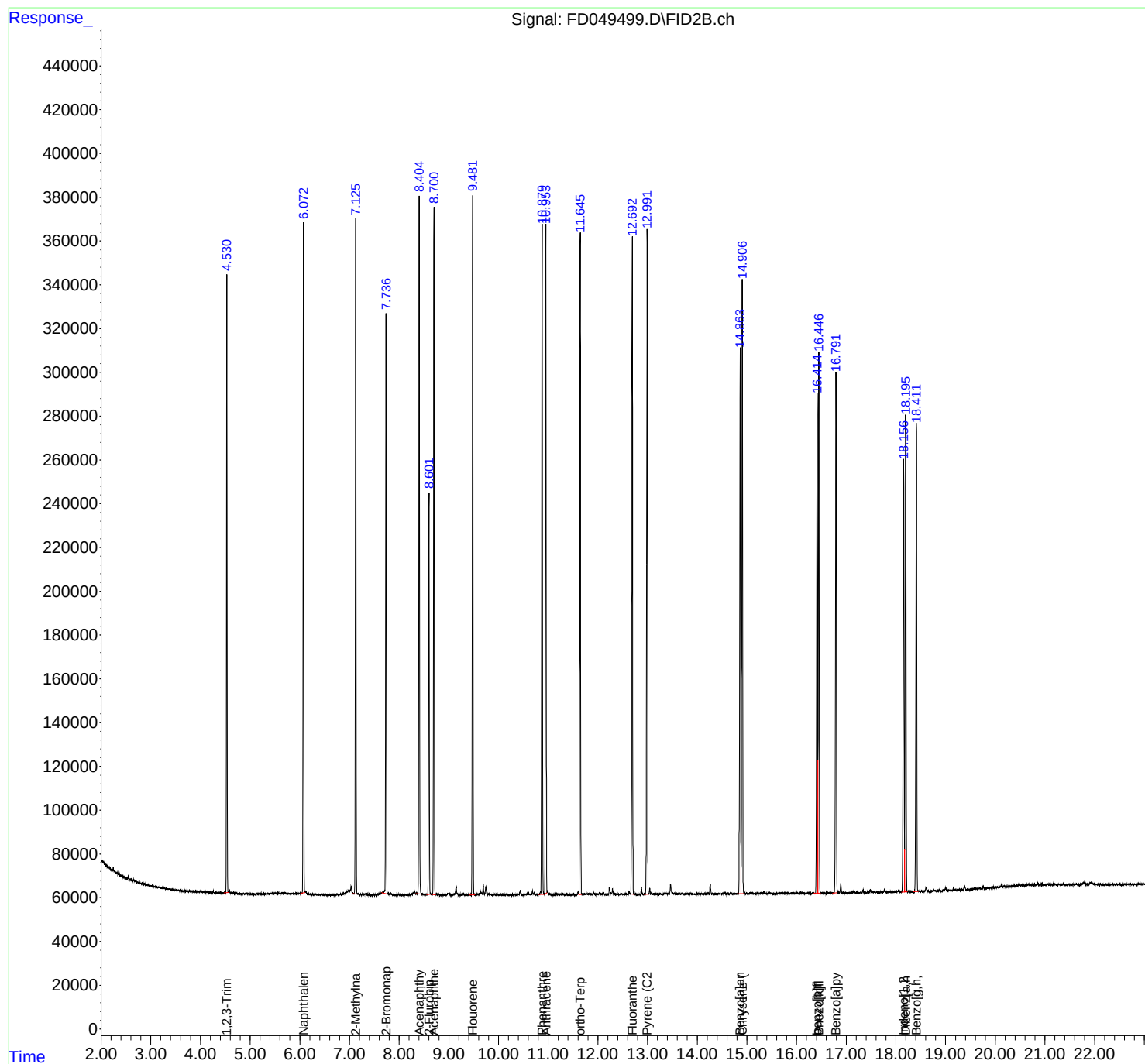
(m)=manual int.

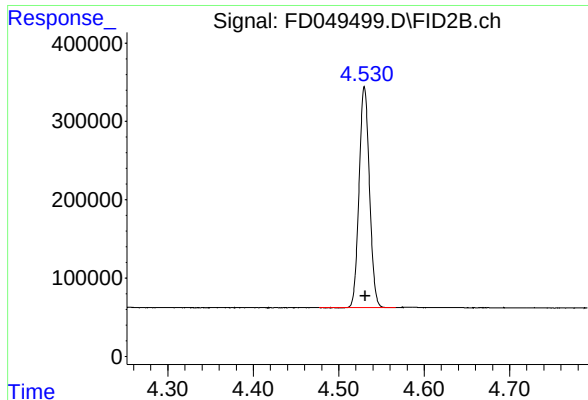
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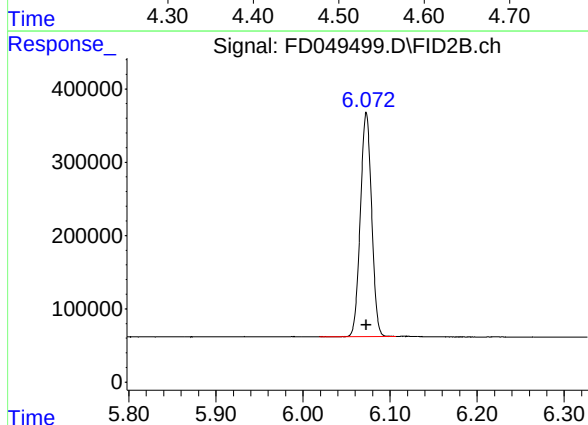




#1 1,2,3-Trimethylbenzene (C10.1)

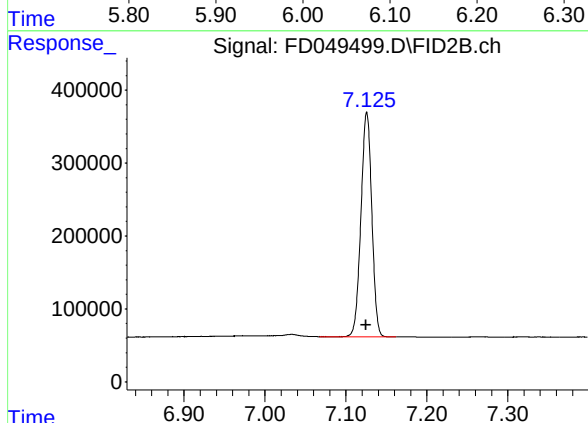
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 2379022
Conc: 20.48 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



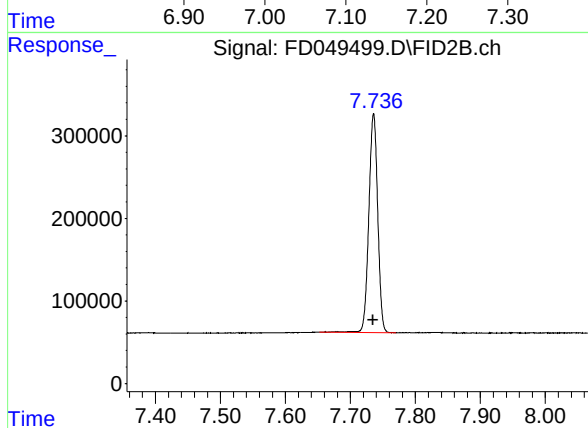
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 2739857
Conc: 20.41 ug/ml



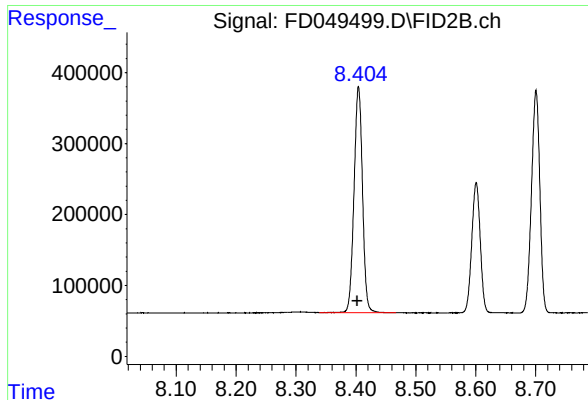
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 2874600
Conc: 20.35 ug/ml



#4 2-Bromonaphthalene (SURR)

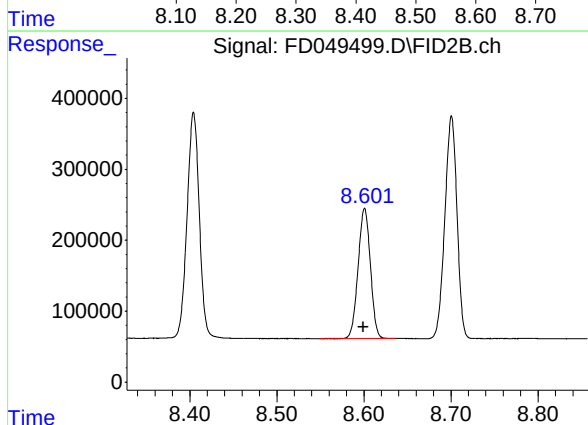
R.T.: 7.736 min
Delta R.T.: 0.001 min
Response: 2520038
Conc: 19.76 ug/ml



#5 Acenaphthylene (C15.06)

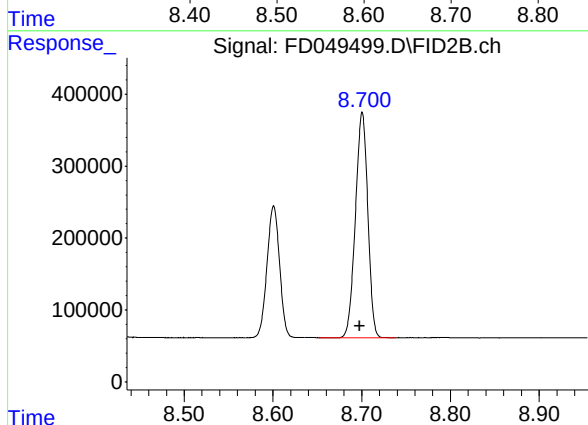
R.T.: 8.404 min
Delta R.T.: 0.002 min
Response: 3123950
Conc: 19.98 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



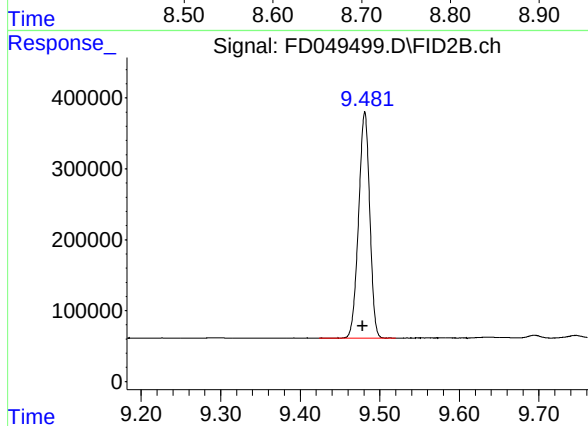
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.601 min
Delta R.T.: 0.001 min
Response: 1798394
Conc: 20.25 ug/ml



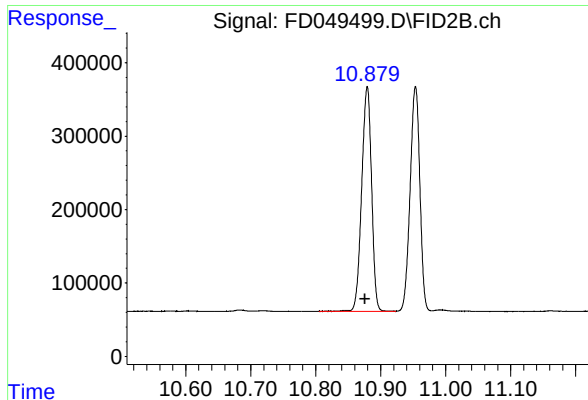
#7 Acenaphthene (C15.5)

R.T.: 8.701 min
Delta R.T.: 0.003 min
Response: 3038942
Conc: 20.28 ug/ml



#8 Flouorene (C16.55)

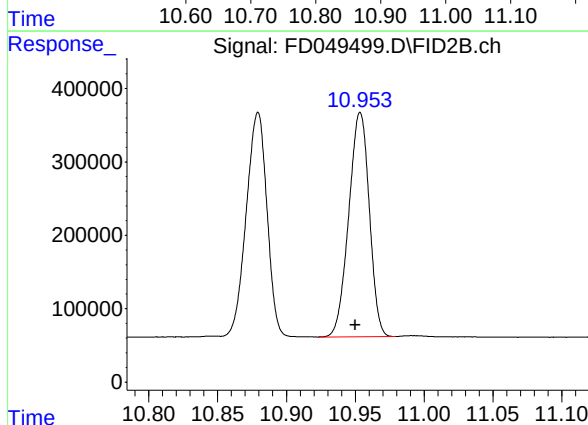
R.T.: 9.481 min
Delta R.T.: 0.003 min
Response: 3102058
Conc: 20.16 ug/ml



#9 Phenanthrene (C19.36)

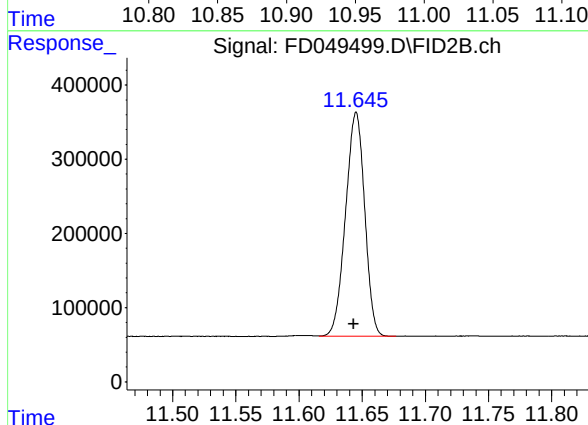
R.T.: 10.879 min
Delta R.T.: 0.004 min
Response: 3231505
Conc: 20.28 ug/ml

Instrument :
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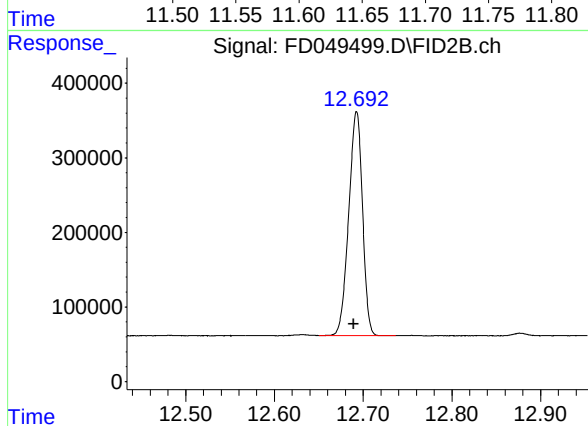
#10 Anthracene (C19.43)

R.T.: 10.954 min
Delta R.T.: 0.004 min
Response: 3173307
Conc: 20.21 ug/ml



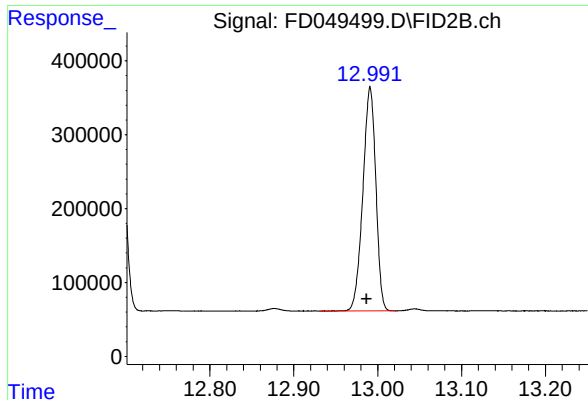
#11 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: 0.002 min
Response: 3181971
Conc: 20.06 ug/ml



#12 Fluoranthene (C21.85)

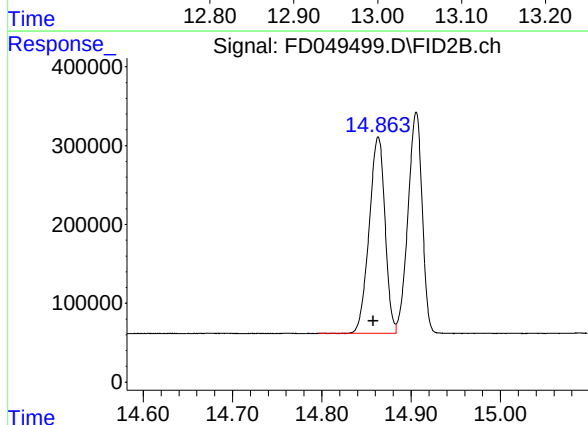
R.T.: 12.693 min
Delta R.T.: 0.003 min
Response: 3244568
Conc: 20.49 ug/ml



#13 Pyrene (C20.8)

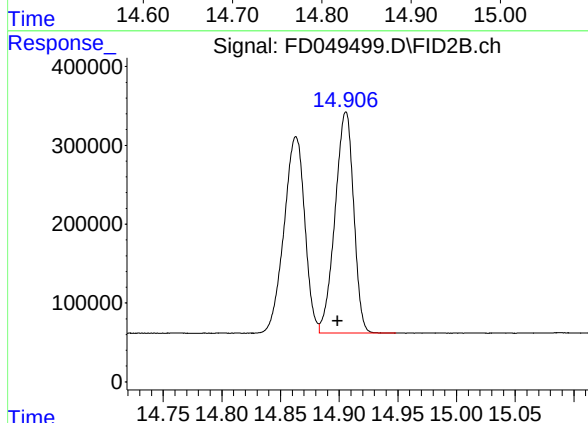
R.T.: 12.991 min
Delta R.T.: 0.004 min
Response: 3246021
Conc: 20.52 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



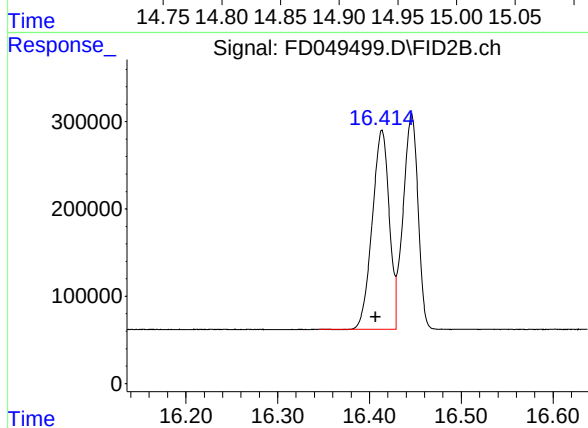
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.863 min
Delta R.T.: 0.005 min
Response: 3070714
Conc: 20.81 ug/ml



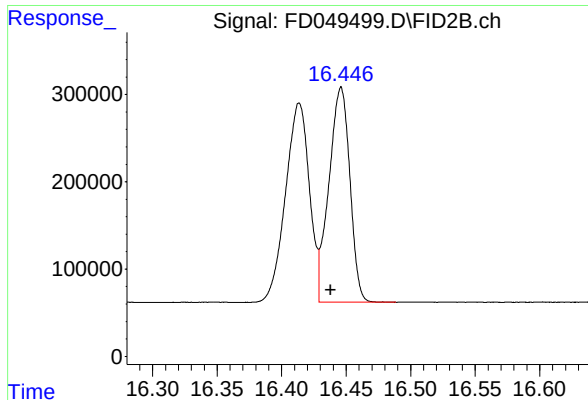
#15 Chrysene (C27.41)

R.T.: 14.906 min
Delta R.T.: 0.007 min
Response: 3100894
Conc: 20.80 ug/ml



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

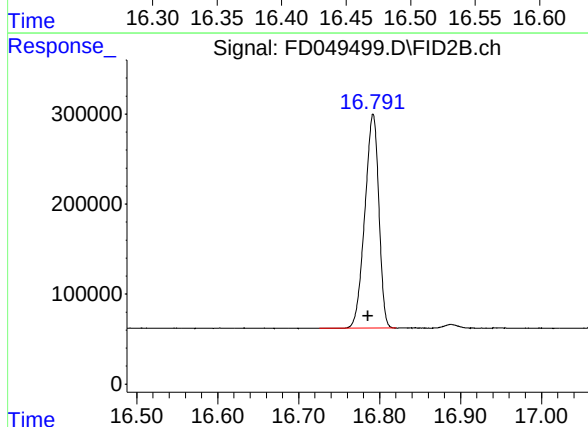
R.T.: 16.414 min
Delta R.T.: 0.007 min
Response: 2936534
Conc: 20.90 ug/ml



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

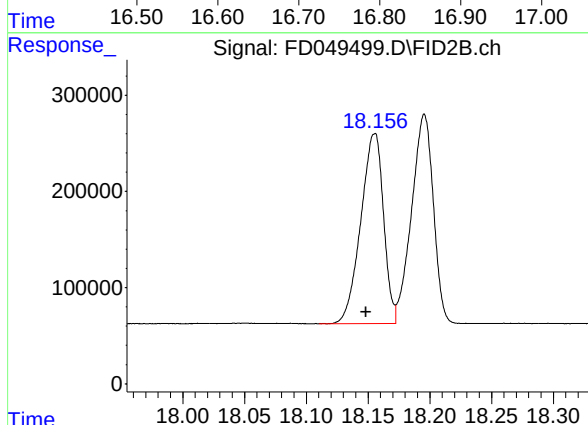
R.T.: 16.446 min
Delta R.T.: 0.008 min
Response: 2784773
Conc: 20.97 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



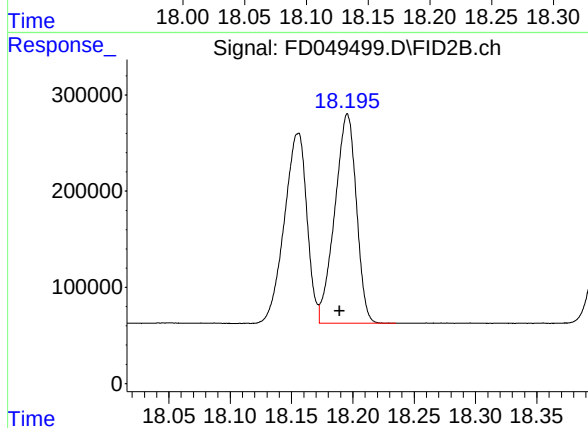
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.792 min
Delta R.T.: 0.006 min
Response: 2855248
Conc: 20.88 ug/ml



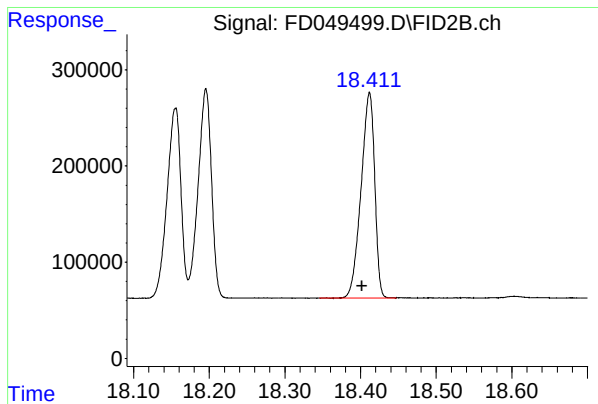
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.155 min
Delta R.T.: 0.007 min
Response: 2534350
Conc: 20.70 ug/ml



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

R.T.: 18.196 min
Delta R.T.: 0.006 min
Response: 2671263
Conc: 20.86 ug/ml



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

R.T.: 18.412 min

Delta R.T.: 0.010 min

Response: 2673872

Conc: 20.92 ug/ml

Instrument :

FID_D

ClientSampleId :

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