

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049305.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 14:44
 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: May 02 04:57:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.739	2472407	20.852 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
6) S 2-Fluorobiphenyl (SURR)	8.605	1659384	21.012 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.02%
11) S ortho-Terphenyl (SURR)	11.649	2862457	20.739 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	2603089	20.848 ug/ml
2) T Naphthalene (C11.7)	6.075	2766192	20.923 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	2708213	20.993 ug/ml
5) T Acenaphthylene (C15.06)	8.408	2944826	20.861 ug/ml
7) T Acenaphthene (C15.5)	8.704	2857579	20.856 ug/ml
8) T Fluorene (C16.55)	9.484	2853938	20.967 ug/ml
9) T Phenanthrene (C19.36)	10.883	2797985	20.753 ug/ml
10) T Anthracene (C19.43)	10.957	2479355	20.964 ug/ml
12) T Fluoranthene (C21.85)	12.696	2803414	20.802 ug/ml
13) T Pyrene (C20.8)	12.995	2806943	20.750 ug/ml
14) T Benzo[a]anthracene (C...	14.866	2370646	20.696 ug/ml
15) T Chrysene (C27.41)	14.908	2409461	20.644 ug/ml
16) T benzo[b]fluoranthene ...	16.417	2508883	20.669 ug/ml
17) T Bnezo[k]fluoranthene ...	16.449	2464906	20.668 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	2383877	20.732 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2263795	20.628 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	2226258	21.079 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	2485881	20.860 ug/ml

(f)=RT Delta > 1/2 Window

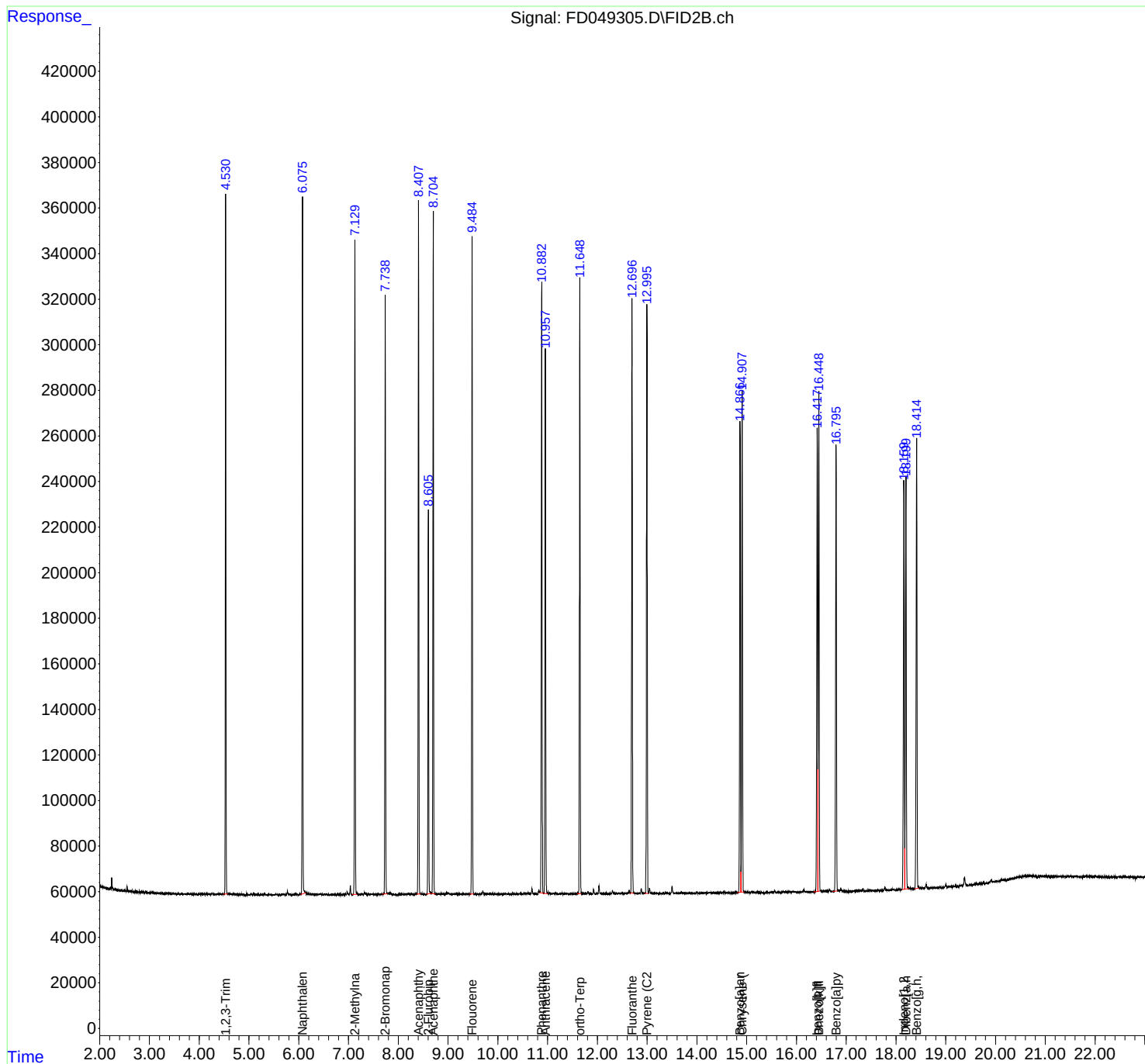
(m)=manual int.

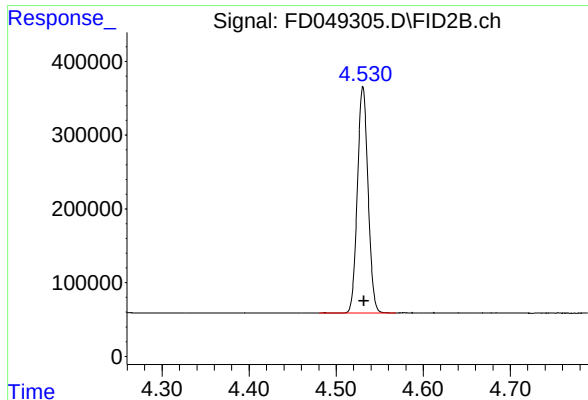
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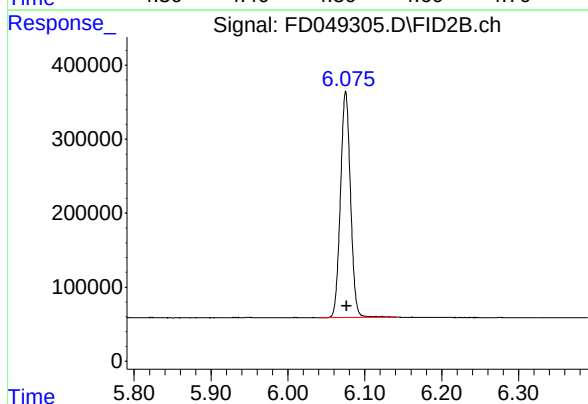




#1 1,2,3-Trimethylbenzene (C10.1)

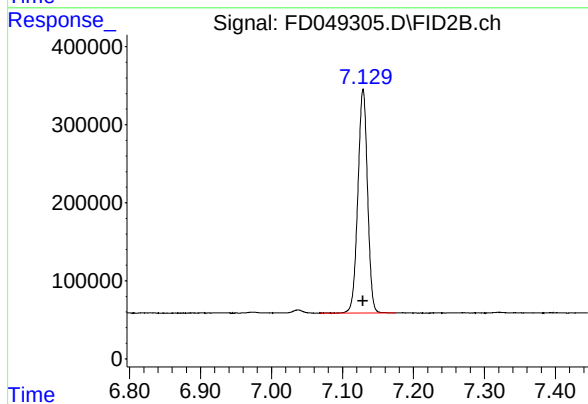
R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 2603089
Conc: 20.85 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



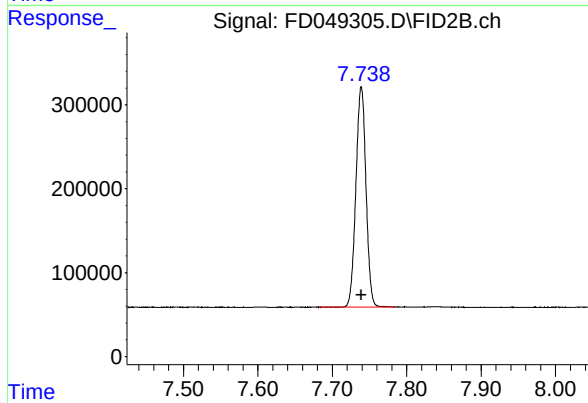
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 2766192
Conc: 20.92 ug/ml



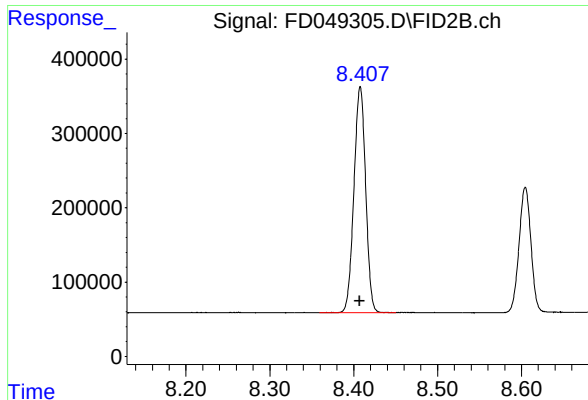
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 2708213
Conc: 20.99 ug/ml



#4 2-Bromonaphthalene (SURR)

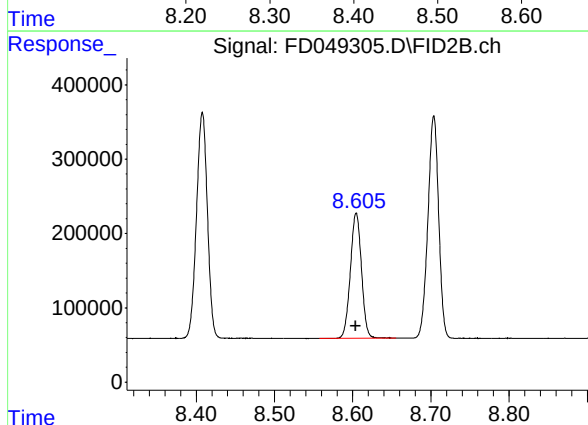
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 2472407
Conc: 20.85 ug/ml



#5 Acenaphthylene (C15.06)

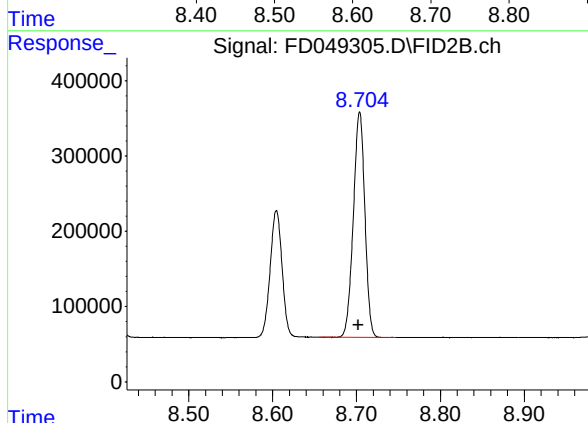
R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 2944826
Conc: 20.86 ug/ml

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20 PPM AROMATIC HC STD



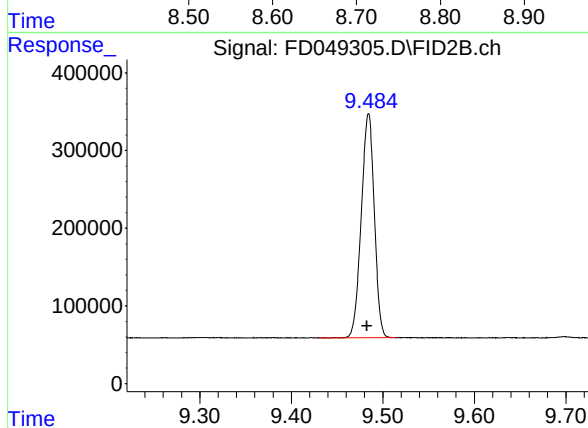
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 1659384
Conc: 21.01 ug/ml



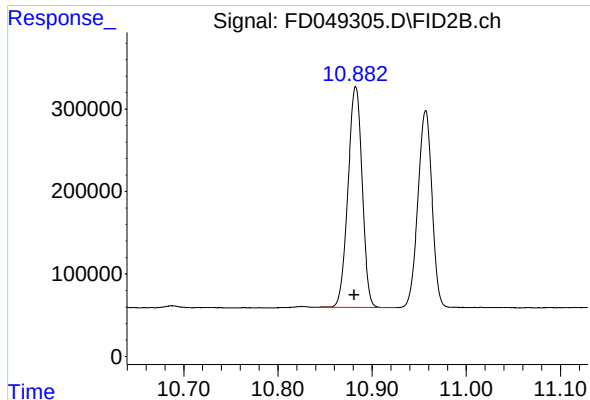
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: 0.002 min
Response: 2857579
Conc: 20.86 ug/ml



#8 Fluorene (C16.55)

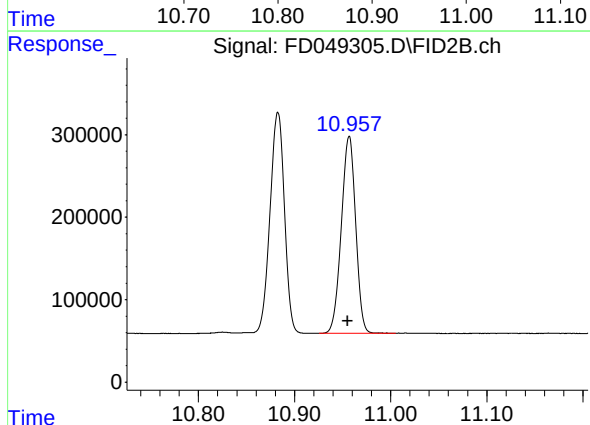
R.T.: 9.484 min
Delta R.T.: 0.002 min
Response: 2853938
Conc: 20.97 ug/ml



#9 Phenanthrene (C19.36)

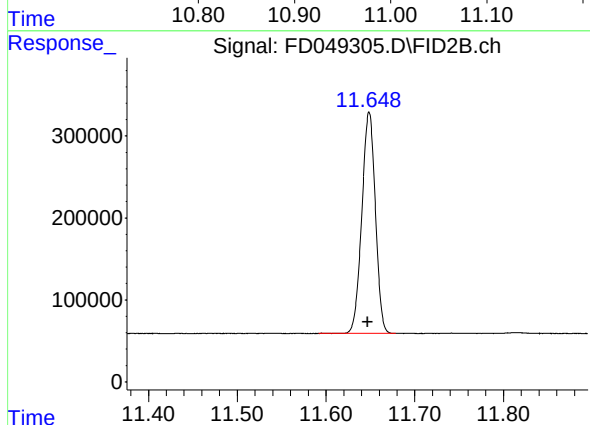
R.T.: 10.883 min
Delta R.T.: 0.002 min
Response: 2797985
Conc: 20.75 ug/ml

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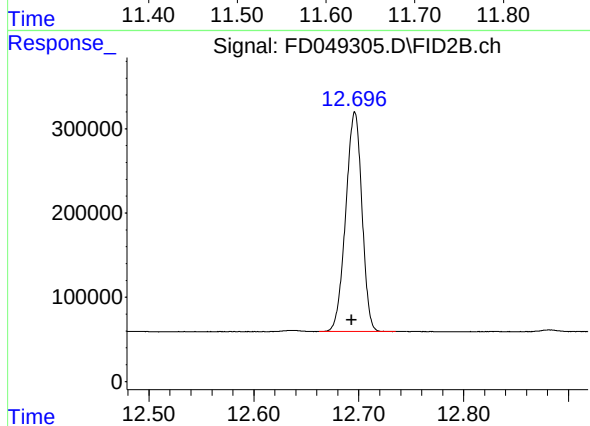
#10 Anthracene (C19.43)

R.T.: 10.957 min
Delta R.T.: 0.002 min
Response: 2479355
Conc: 20.96 ug/ml



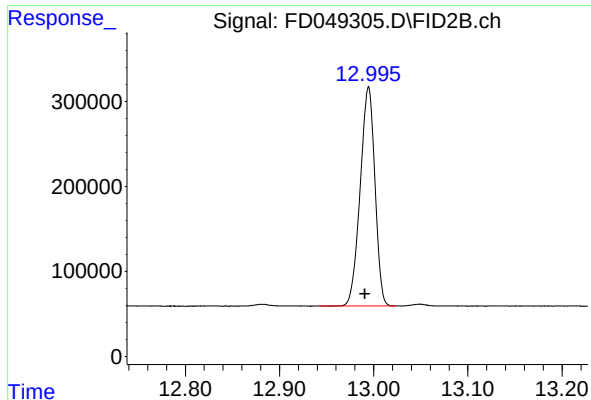
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.002 min
Response: 2862457
Conc: 20.74 ug/ml



#12 Fluoranthene (C21.85)

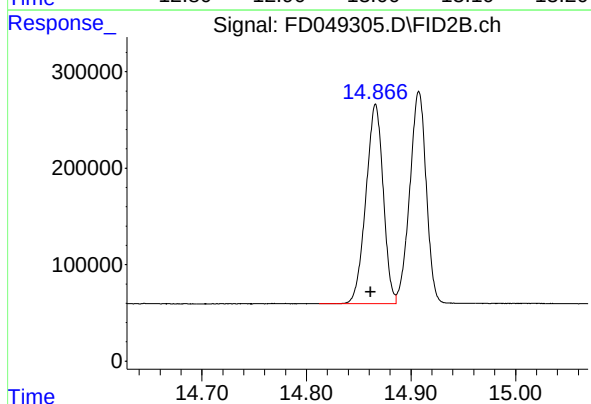
R.T.: 12.696 min
Delta R.T.: 0.003 min
Response: 2803414
Conc: 20.80 ug/ml



#13 Pyrene (C20.8)

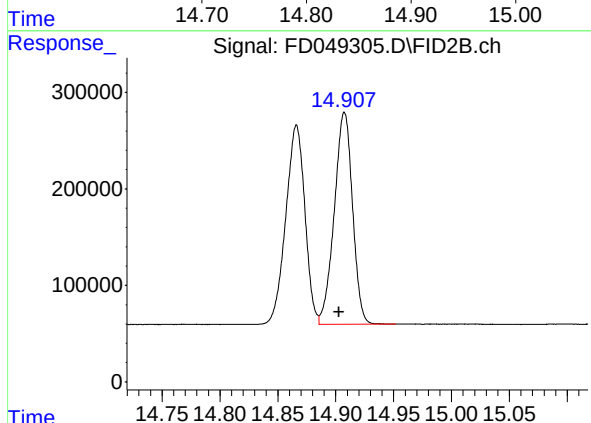
R.T.: 12.995 min
Delta R.T.: 0.004 min
Response: 2806943
Conc: 20.75 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



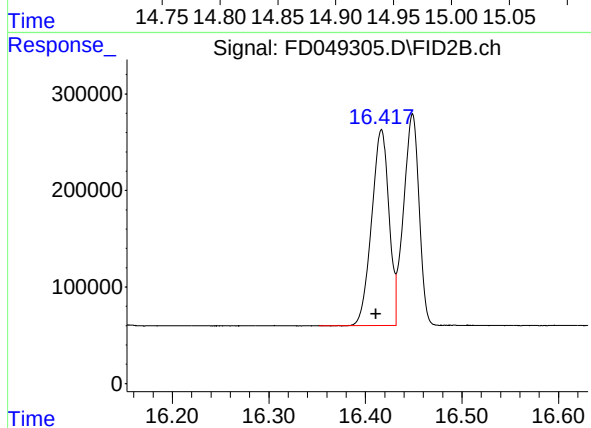
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.866 min
Delta R.T.: 0.005 min
Response: 2370646
Conc: 20.70 ug/ml



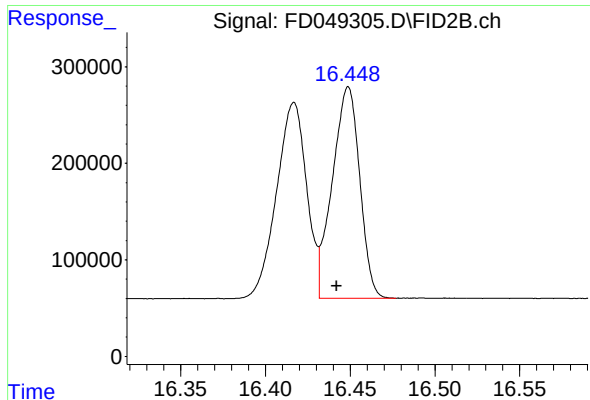
#15 Chrysene (C27.41)

R.T.: 14.908 min
Delta R.T.: 0.005 min
Response: 2409461
Conc: 20.64 ug/ml



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

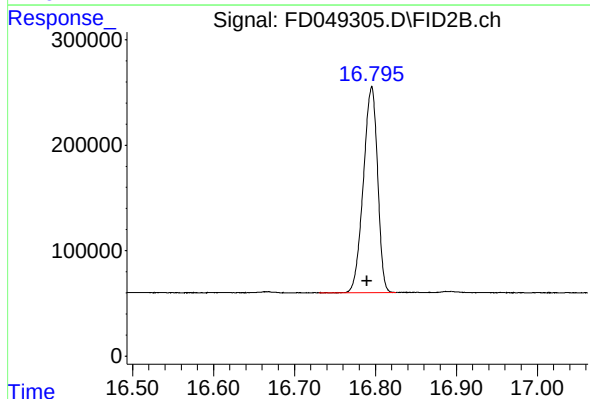
R.T.: 16.417 min
Delta R.T.: 0.006 min
Response: 2508883
Conc: 20.67 ug/ml



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

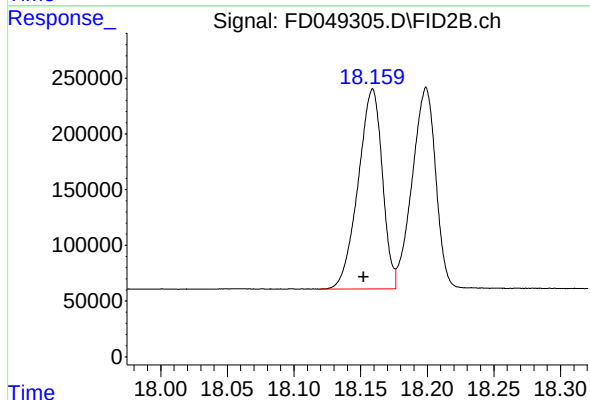
R.T.: 16.449 min
Delta R.T.: 0.007 min
Response: 2464906
Conc: 20.67 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



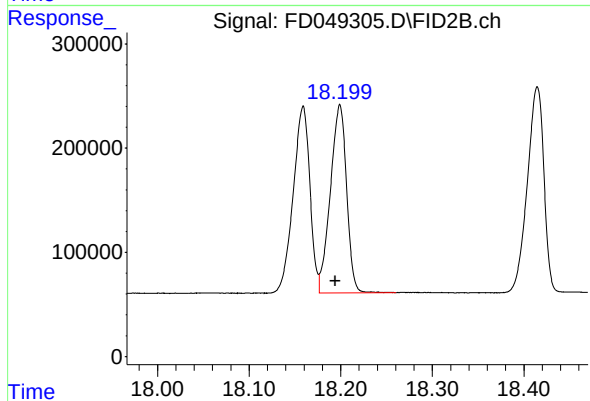
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.795 min
Delta R.T.: 0.006 min
Response: 2383877
Conc: 20.73 ug/ml



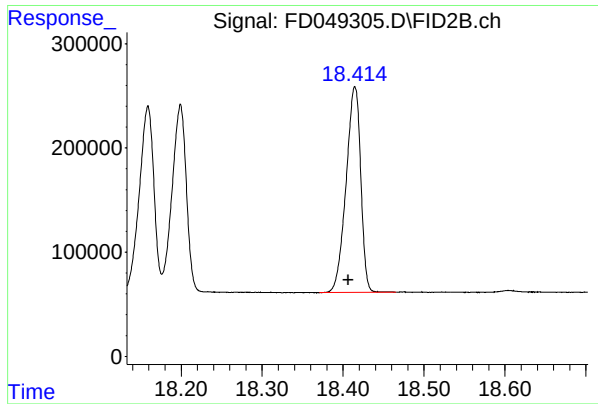
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.159 min
Delta R.T.: 0.007 min
Response: 2263795
Conc: 20.63 ug/ml



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

R.T.: 18.199 min
Delta R.T.: 0.005 min
Response: 2226258
Conc: 21.08 ug/ml



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

R.T.: 18.415 min
Delta R.T.: 0.008 min
Response: 2485881
Conc: 20.86 ug/ml

Instrument :

FID_D

ClientSampleId :

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