

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050825AR\
 Data File : FD049318.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2025 10:08
 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: autoint1.e
 Quant Time: May 09 09:18:01 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	2464192	20.783 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
6) S 2-Fluorobiphenyl (SURR)	8.605	1609848	20.385 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.77%
11) S ortho-Terphenyl (SURR)	11.649	2854662	20.683 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	2643716	21.174 ug/ml
2) T Naphthalene (C11.7)	6.076	2776737	21.003 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	2682807	20.796 ug/ml
5) T Acenaphthylene (C15.06)	8.408	2951174	20.906 ug/ml
7) T Acenaphthene (C15.5)	8.705	2868889	20.939 ug/ml
8) T Fluorene (C16.55)	9.485	2784802	20.459 ug/ml
9) T Phenanthrene (C19.36)	10.883	2676530	19.852 ug/ml
10) T Anthracene (C19.43)	10.957	2159310	18.258 ug/ml
12) T Fluoranthene (C21.85)	12.697	2720148	20.184 ug/ml
13) T Pyrene (C20.8)	12.995	2728545	20.170 ug/ml
14) T Benzo[a]anthracene (C...	14.865	2147253	18.746 ug/ml
15) T Chrysene (C27.41)	14.907	2232929	19.132 ug/ml
16) T benzo[b]fluoranthene ...	16.416	2446582	20.155 ug/ml
17) T Bnezo[k]fluoranthene ...	16.448	2361467	19.800 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	2264243	19.692 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.158	2121956	19.336 ug/ml
20) T Dibenz[a,h]anthracene...	18.198	1892215	17.916 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	2375106	19.930 ug/ml

(f)=RT Delta > 1/2 Window

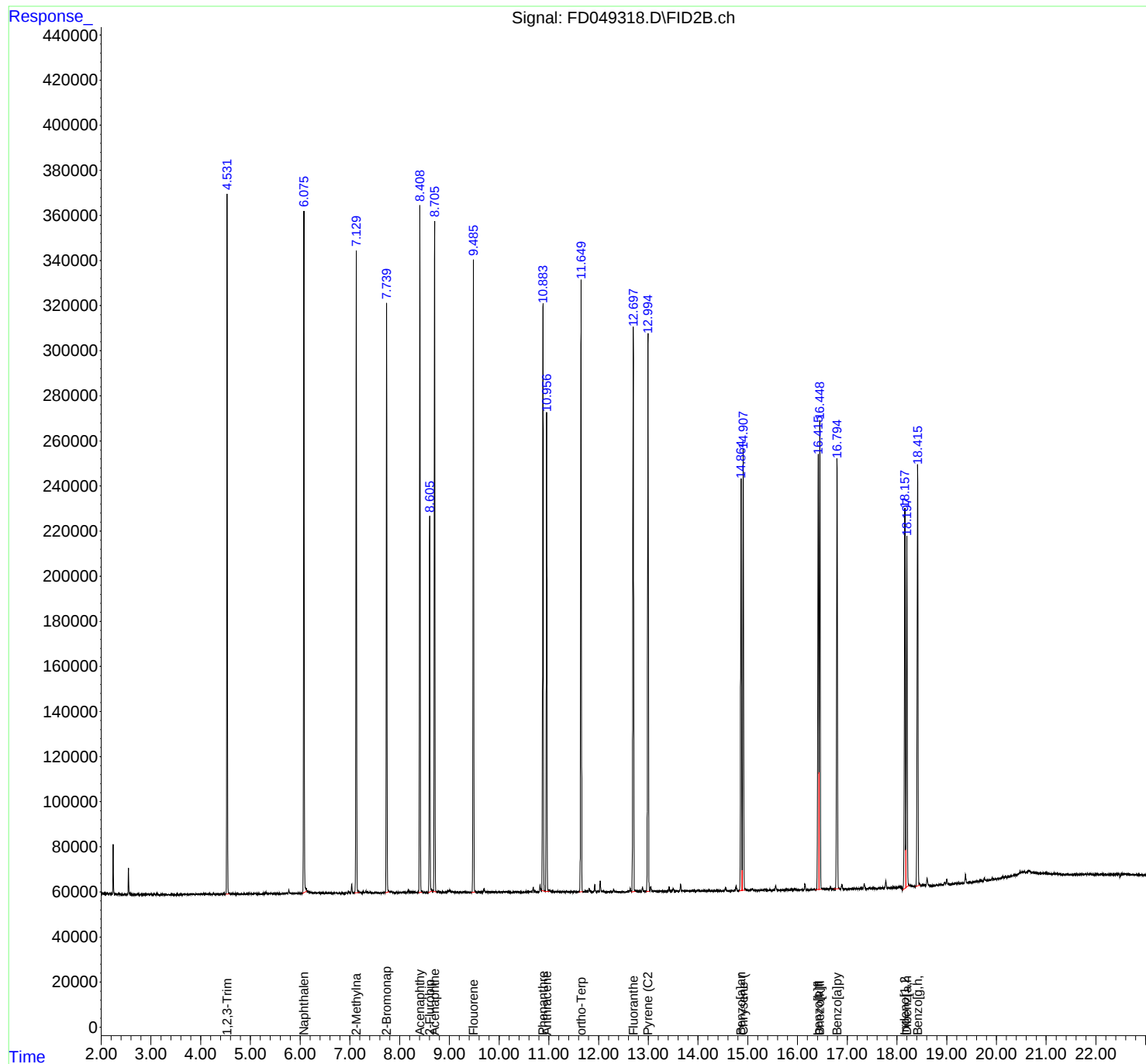
(m)=manual int.

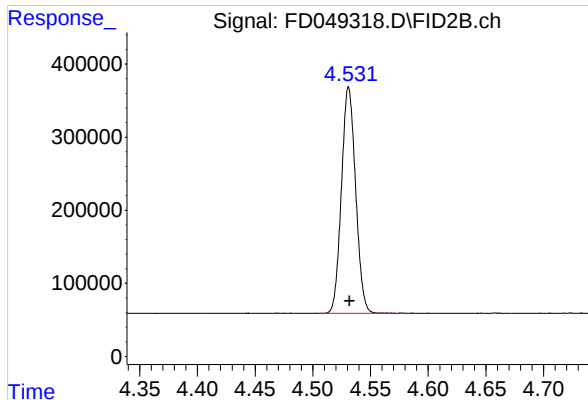
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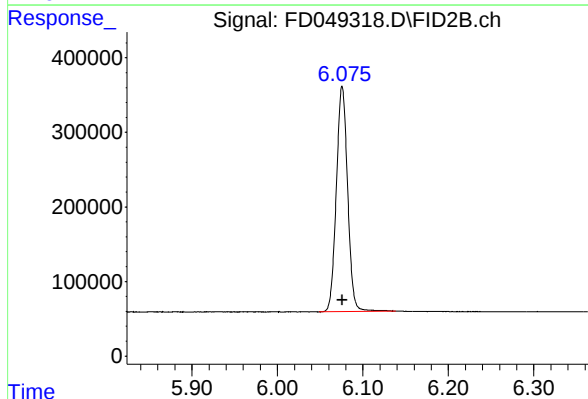




#1 1,2,3-Trimethylbenzene (C10.1)

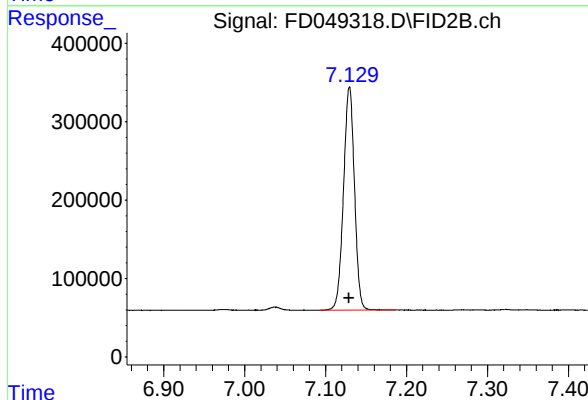
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 2643716
Conc: 21.17 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



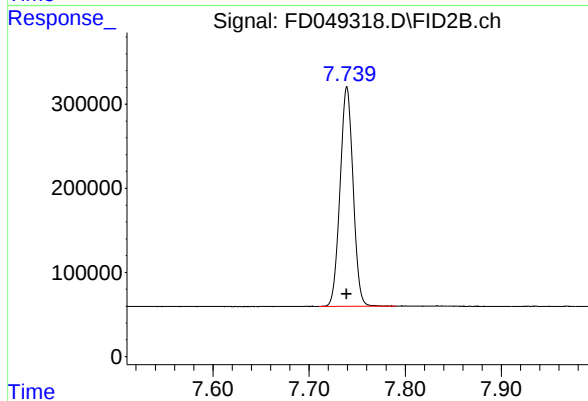
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 2776737
Conc: 21.00 ug/ml



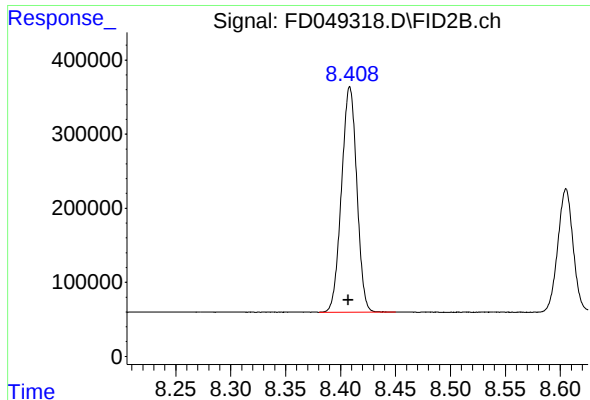
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 2682807
Conc: 20.80 ug/ml



#4 2-Bromonaphthalene (SURR)

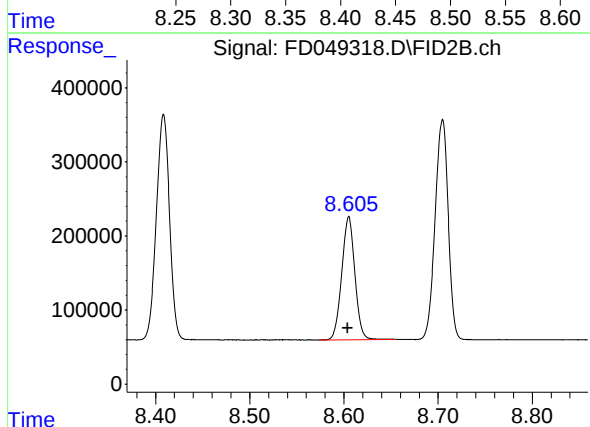
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 2464192
Conc: 20.78 ug/ml



#5 Acenaphthylene (C15.06)

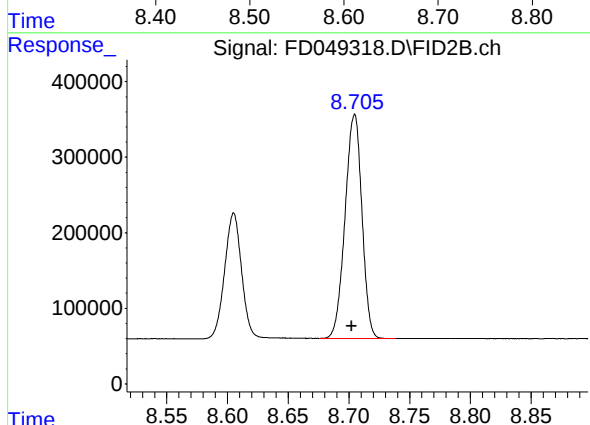
R.T.: 8.408 min
Delta R.T.: 0.001 min
Response: 2951174
Conc: 20.91 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



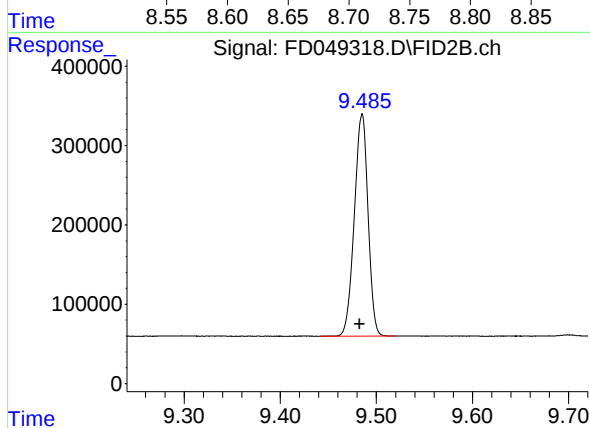
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: 0.001 min
Response: 1609848
Conc: 20.38 ug/ml



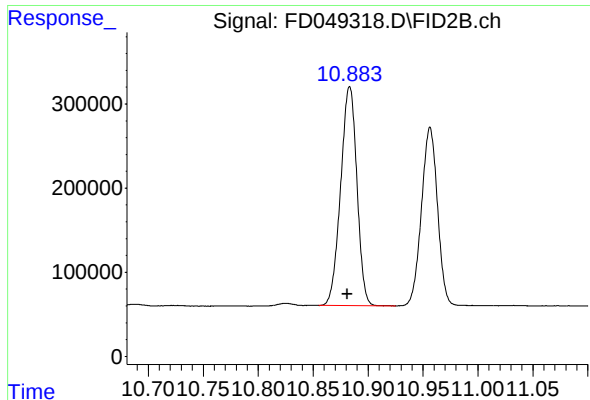
#7 Acenaphthene (C15.5)

R.T.: 8.705 min
Delta R.T.: 0.002 min
Response: 2868889
Conc: 20.94 ug/ml



#8 Flouorene (C16.55)

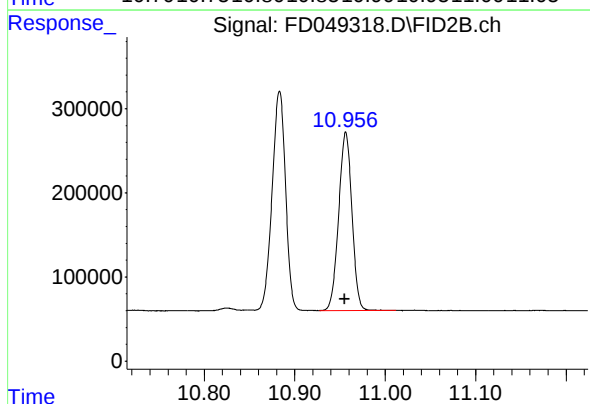
R.T.: 9.485 min
Delta R.T.: 0.003 min
Response: 2784802
Conc: 20.46 ug/ml



#9 Phenanthrene (C19.36)

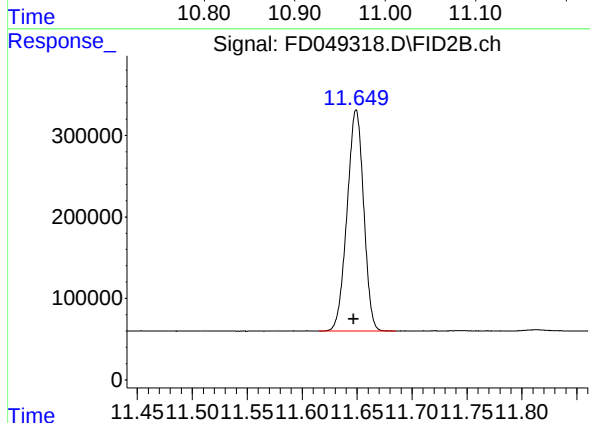
R.T.: 10.883 min
Delta R.T.: 0.002 min
Response: 2676530
Conc: 19.85 ug/ml

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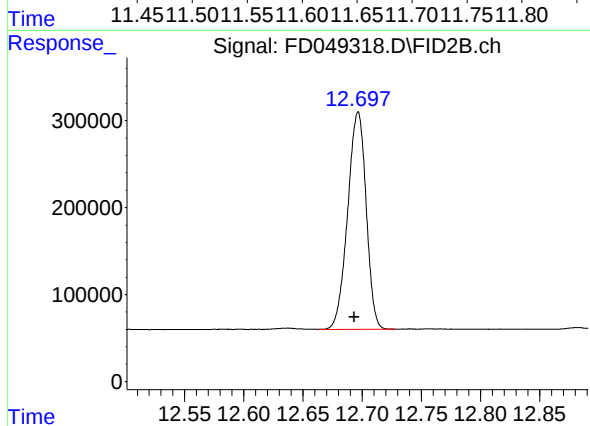
#10 Anthracene (C19.43)

R.T.: 10.957 min
Delta R.T.: 0.001 min
Response: 2159310
Conc: 18.26 ug/ml



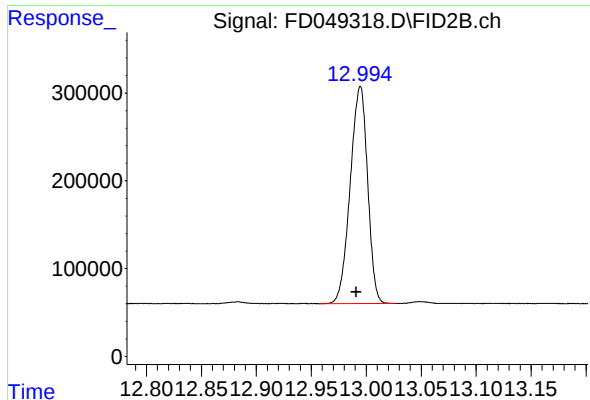
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.002 min
Response: 2854662
Conc: 20.68 ug/ml



#12 Fluoranthene (C21.85)

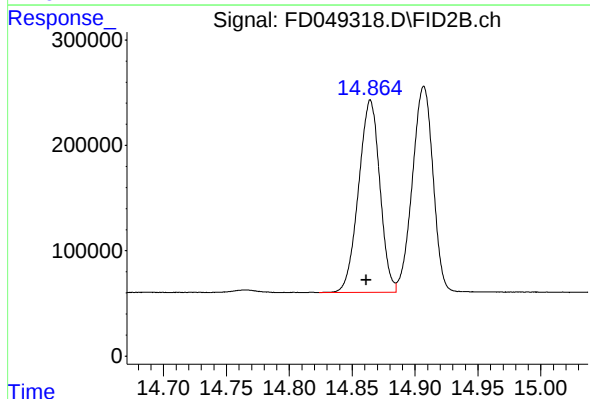
R.T.: 12.697 min
Delta R.T.: 0.003 min
Response: 2720148
Conc: 20.18 ug/ml



#13 Pyrene (C20.8)

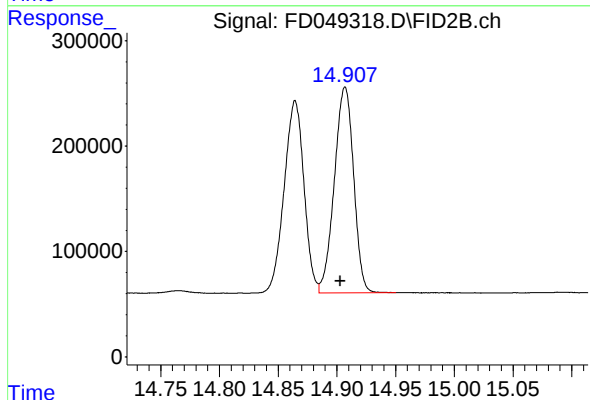
R.T.: 12.995 min
Delta R.T.: 0.004 min
Response: 2728545
Conc: 20.17 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



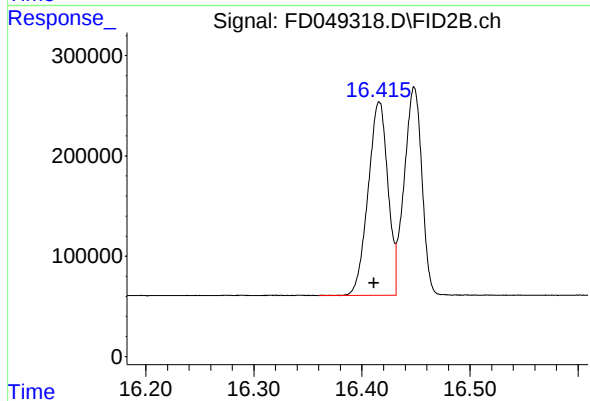
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.865 min
Delta R.T.: 0.003 min
Response: 2147253
Conc: 18.75 ug/ml



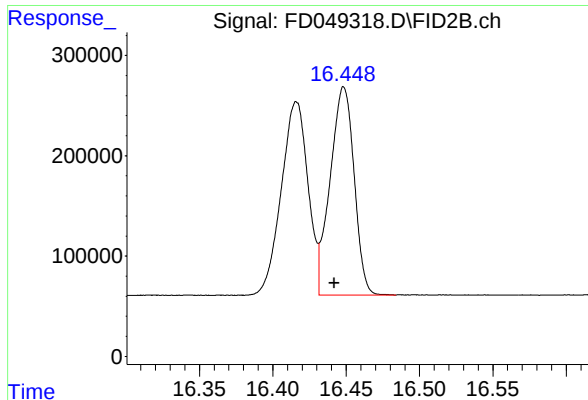
#15 Chrysene (C27.41)

R.T.: 14.907 min
Delta R.T.: 0.004 min
Response: 2232929
Conc: 19.13 ug/ml



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

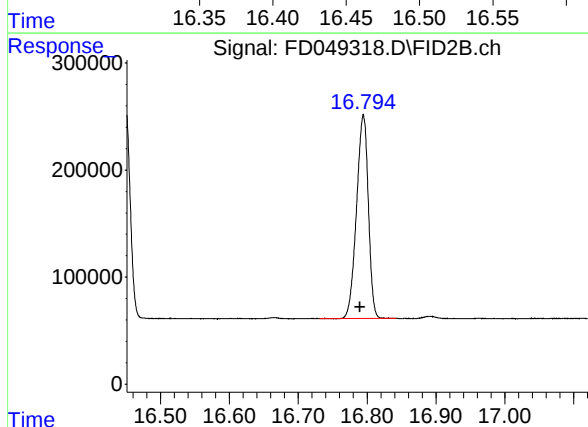
R.T.: 16.416 min
Delta R.T.: 0.005 min
Response: 2446582
Conc: 20.16 ug/ml



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

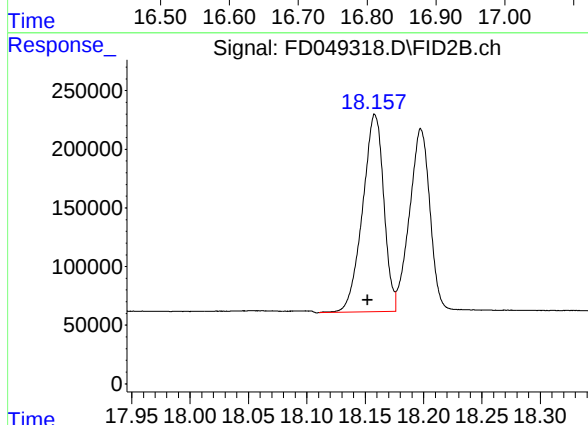
R.T.: 16.448 min
Delta R.T.: 0.006 min
Response: 2361467
Conc: 19.80 ug/ml

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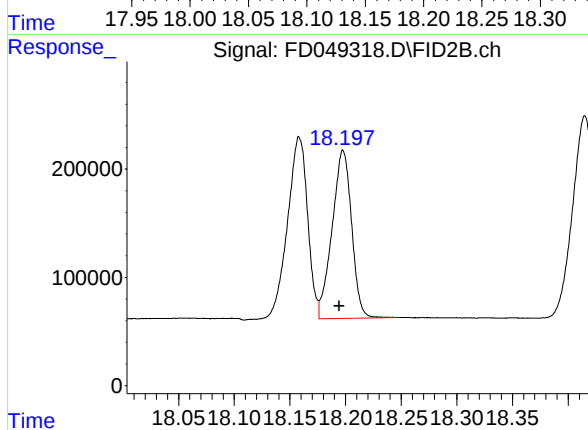
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.795 min
Delta R.T.: 0.005 min
Response: 2264243
Conc: 19.69 ug/ml



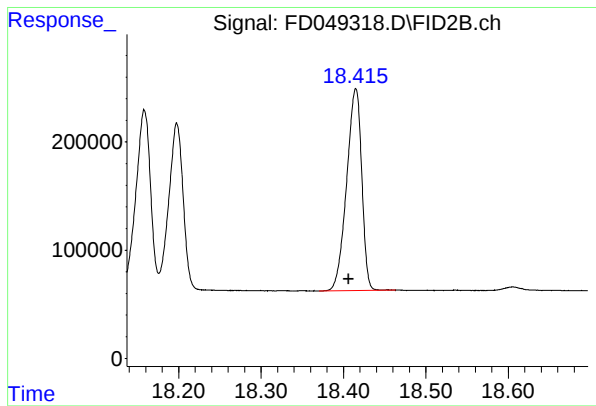
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.158 min
Delta R.T.: 0.006 min
Response: 2121956
Conc: 19.34 ug/ml



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

R.T.: 18.198 min
Delta R.T.: 0.003 min
Response: 1892215
Conc: 17.92 ug/ml



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

R.T.: 18.415 min
Delta R.T.: 0.009 min
Response: 2375106
Conc: 19.93 ug/ml

Instrument :

FID_D

ClientSampleId :

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