

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050225AR\
 Data File : FD049309.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2025 10:53
 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 03 00:33:22 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	2546583	21.477 ug/ml
Spiked Amount 50.000		Recovery =	42.95%
6) S 2-Fluorobiphenyl (SURR)	8.605	1692769	21.435 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.87%
11) S ortho-Terphenyl (SURR)	11.649	2949342	21.369 ug/ml
Spiked Amount 50.000		Recovery =	42.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	2675756	21.430 ug/ml
2) T Naphthalene (C11.7)	6.076	2836337	21.454 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	2766136	21.442 ug/ml
5) T Acenaphthylene (C15.06)	8.409	3046359	21.580 ug/ml
7) T Acenaphthene (C15.5)	8.705	2959285	21.599 ug/ml
8) T Fluorene (C16.55)	9.485	2921554	21.464 ug/ml
9) T Phenanthrene (C19.36)	10.884	2843263	21.089 ug/ml
10) T Anthracene (C19.43)	10.958	2463638	20.831 ug/ml
12) T Fluoranthene (C21.85)	12.697	2829949	20.999 ug/ml
13) T Pyrene (C20.8)	12.995	2831150	20.929 ug/ml
14) T Benzo[a]anthracene (C...	14.866	2286153	19.959 ug/ml
15) T Chrysene (C27.41)	14.908	2340986	20.058 ug/ml
16) T benzo[b]fluoranthene ...	16.417	2492654	20.535 ug/ml
17) T Bnezo[k]fluoranthene ...	16.449	2436790	20.432 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.797	2355602	20.486 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.160	2171835	19.790 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	1995405	18.893 ug/ml
21) T Benzo[g,h,i]perylene ...	18.416	2433193	20.418 ug/ml

(f)=RT Delta > 1/2 Window

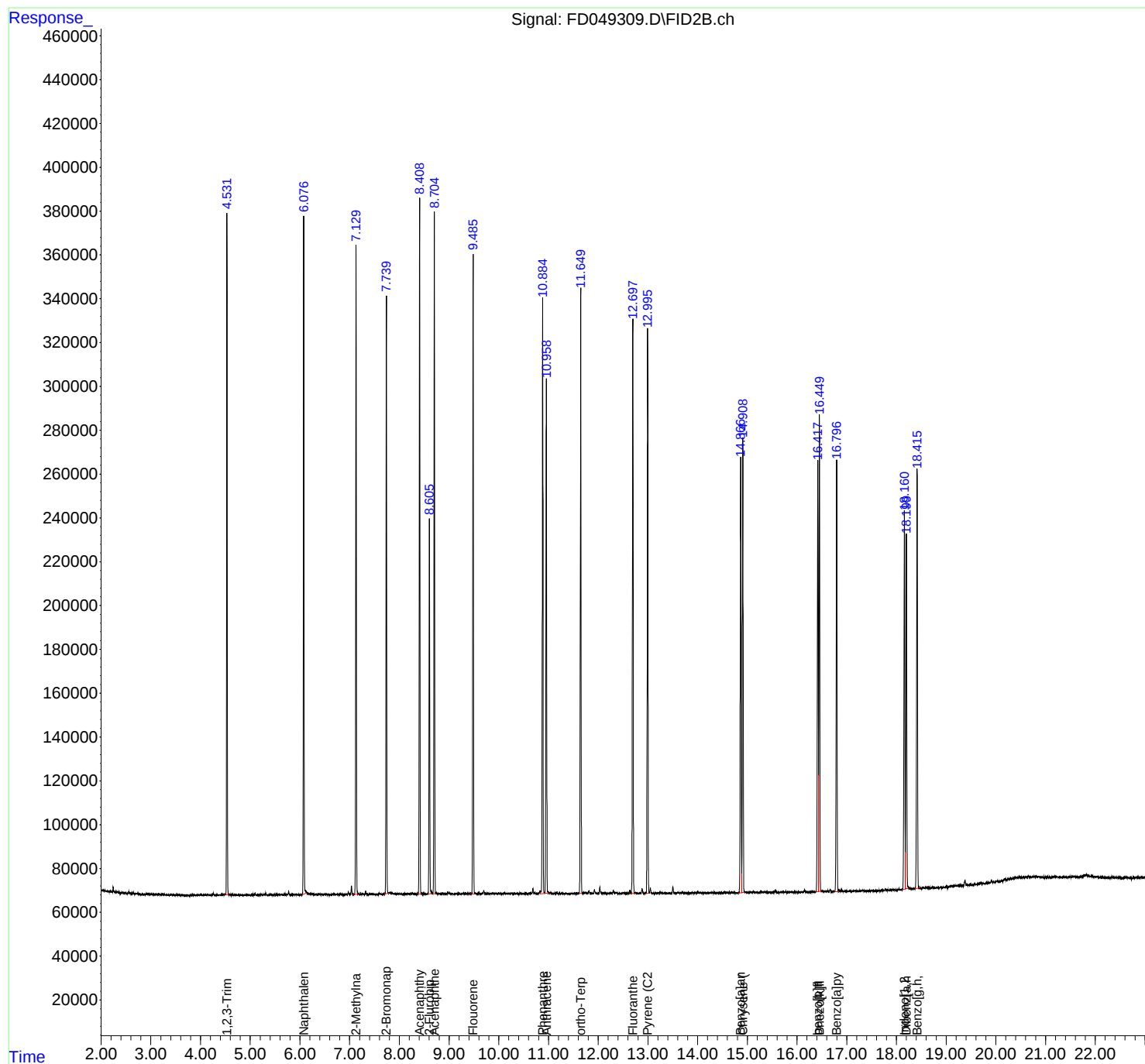
(m)=manual int.

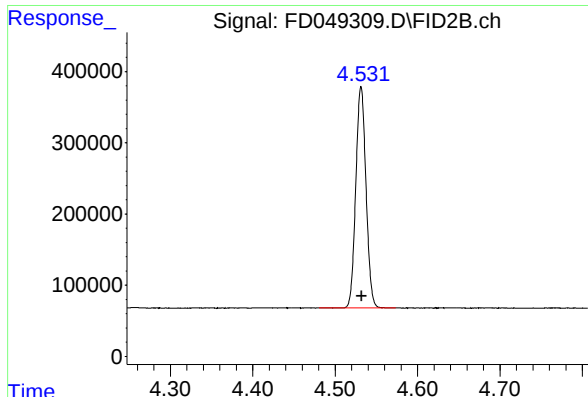
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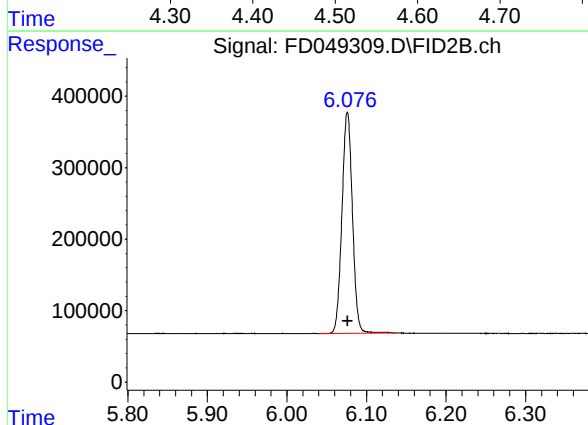




#1 1,2,3-Trimethylbenzene (C10.1)

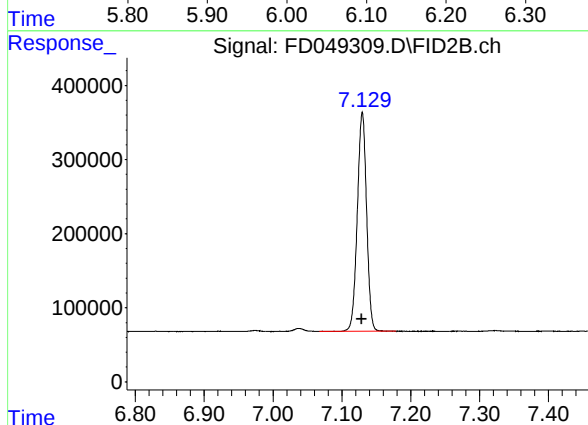
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 2675756
Conc: 21.43 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



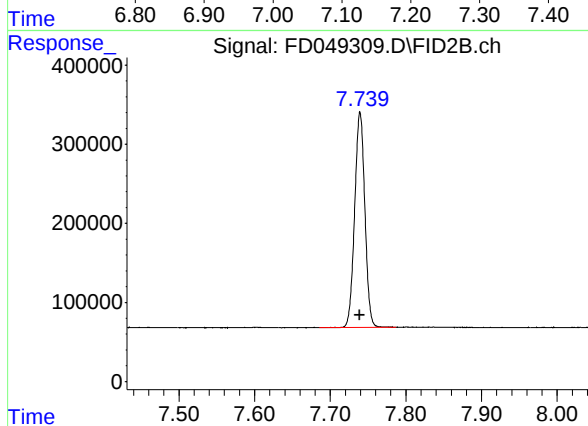
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 2836337
Conc: 21.45 ug/ml



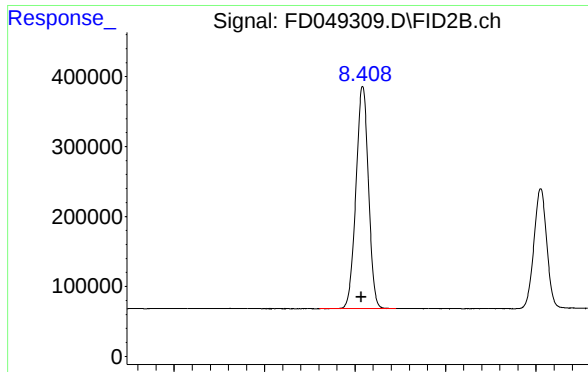
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: 0.001 min
Response: 2766136
Conc: 21.44 ug/ml



#4 2-Bromonaphthalene (SURR)

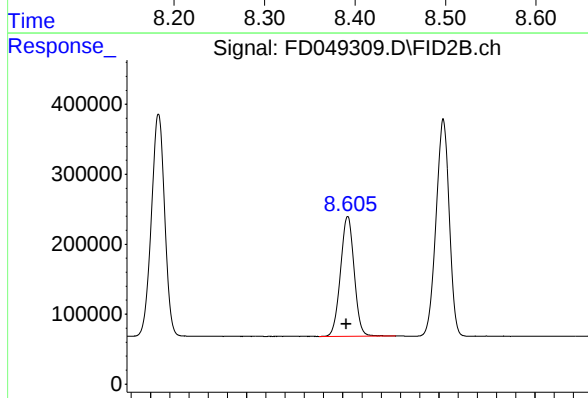
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 2546583
Conc: 21.48 ug/ml



#5 Acenaphthylene (C15.06)

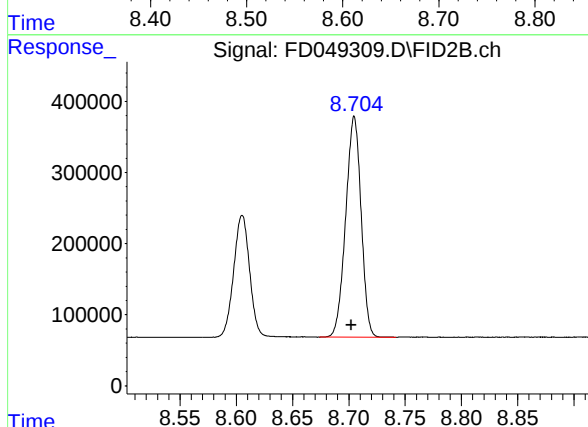
R.T.: 8.409 min
Delta R.T.: 0.002 min
Response: 3046359
Conc: 21.58 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



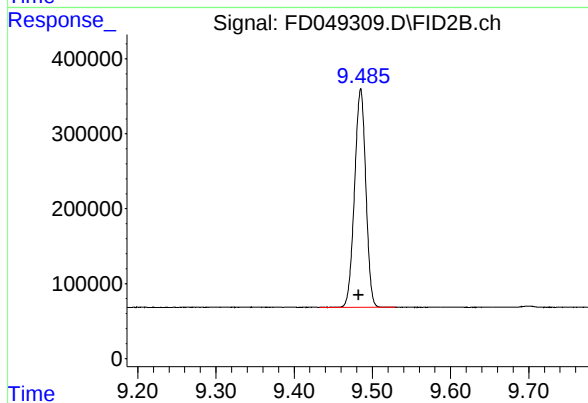
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: 0.002 min
Response: 1692769
Conc: 21.43 ug/ml



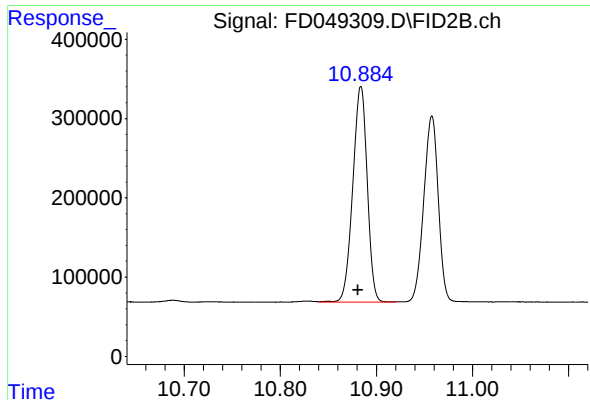
#7 Acenaphthene (C15.5)

R.T.: 8.705 min
Delta R.T.: 0.003 min
Response: 2959285
Conc: 21.60 ug/ml



#8 Flouorene (C16.55)

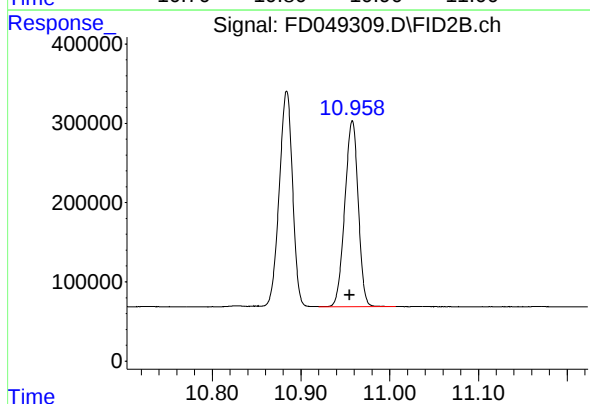
R.T.: 9.485 min
Delta R.T.: 0.003 min
Response: 2921554
Conc: 21.46 ug/ml



#9 Phenanthrene (C19.36)

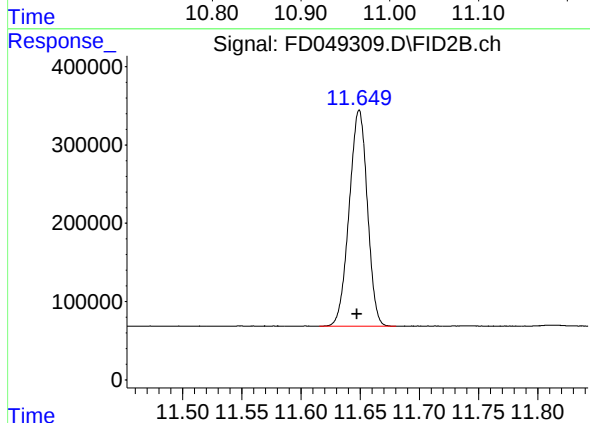
R.T.: 10.884 min
Delta R.T.: 0.003 min
Response: 2843263
Conc: 21.09 ug/ml

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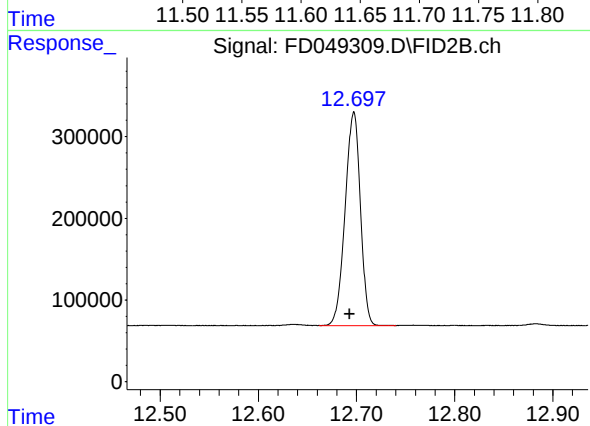
#10 Anthracene (C19.43)

R.T.: 10.958 min
Delta R.T.: 0.003 min
Response: 2463638
Conc: 20.83 ug/ml



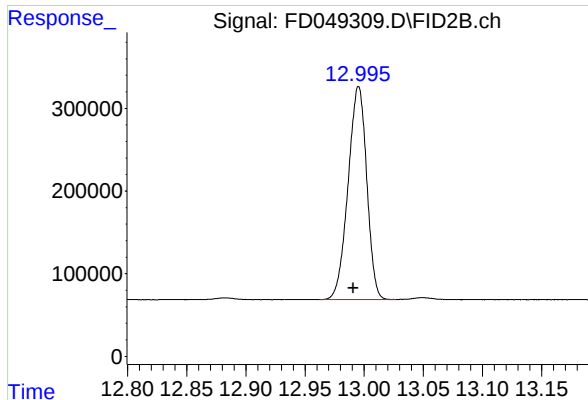
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.002 min
Response: 2949342
Conc: 21.37 ug/ml



#12 Fluoranthene (C21.85)

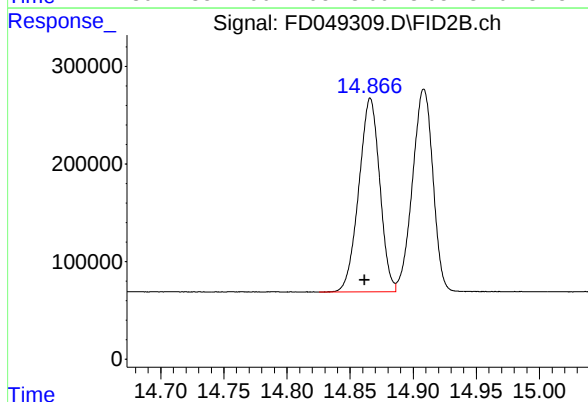
R.T.: 12.697 min
Delta R.T.: 0.004 min
Response: 2829949
Conc: 21.00 ug/ml



#13 Pyrene (C20.8)

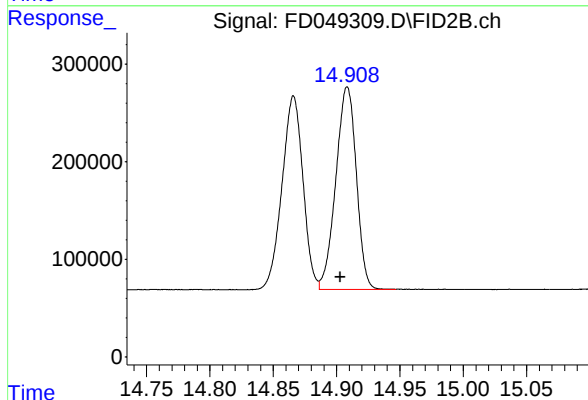
R.T.: 12.995 min
Delta R.T.: 0.005 min
Response: 2831150
Conc: 20.93 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



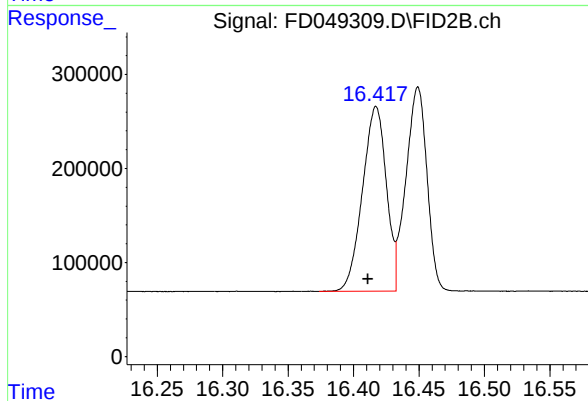
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.866 min
Delta R.T.: 0.005 min
Response: 2286153
Conc: 19.96 ug/ml



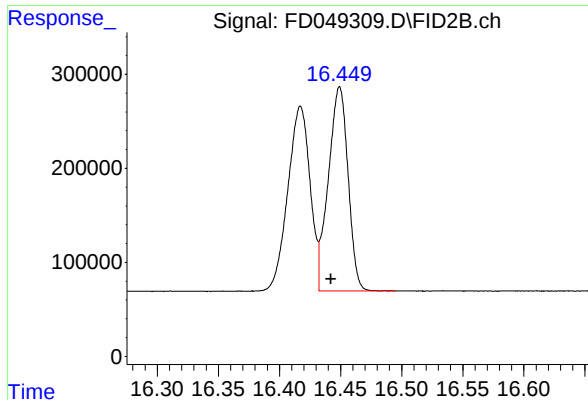
#15 Chrysene (C27.41)

R.T.: 14.908 min
Delta R.T.: 0.006 min
Response: 2340986
Conc: 20.06 ug/ml



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

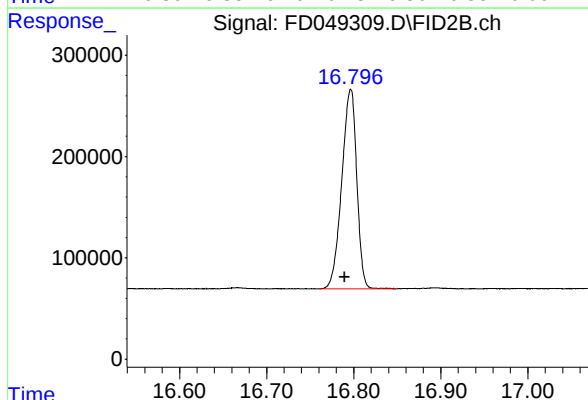
R.T.: 16.417 min
Delta R.T.: 0.006 min
Response: 2492654
Conc: 20.53 ug/ml



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

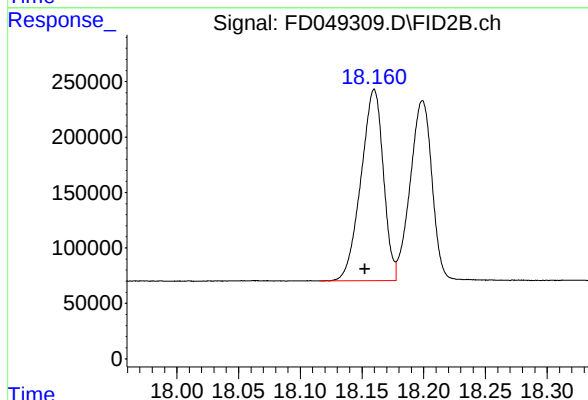
R.T.: 16.449 min
Delta R.T.: 0.007 min
Response: 2436790
Conc: 20.43 ug/ml

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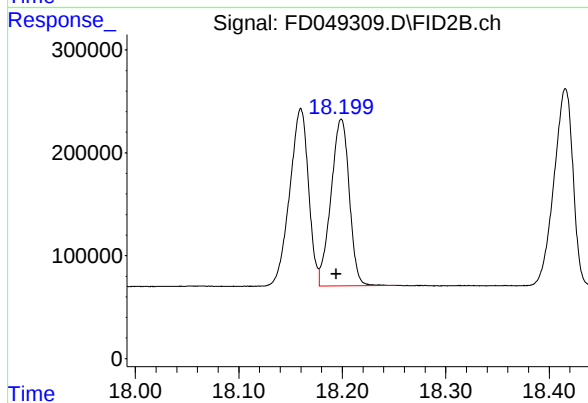
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.797 min
Delta R.T.: 0.007 min
Response: 2355602
Conc: 20.49 ug/ml



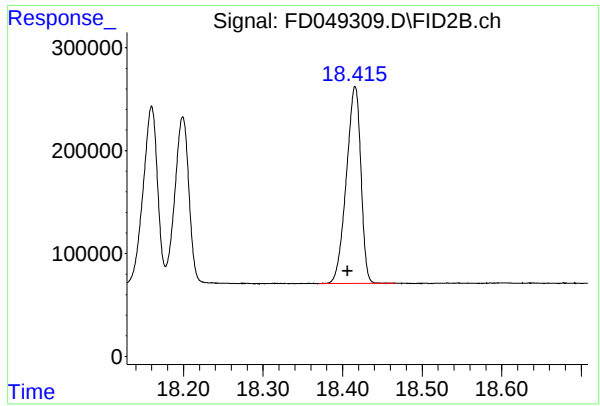
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.160 min
Delta R.T.: 0.008 min
Response: 2171835
Conc: 19.79 ug/ml



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

R.T.: 18.199 min
Delta R.T.: 0.005 min
Response: 1995405
Conc: 18.89 ug/ml



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

R.T.: 18.416 min
Delta R.T.: 0.009 min
Response: 2433193
Conc: 20.42 ug/ml

Instrument :

FID_D

ClientSampleId :

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