

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052025AR\
 Data File : FD049363.D
 Signal(s) : FID2B.ch
 Acq On : 21 May 2025 00:28
 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 21 03:18:05 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...	7.737	2352331	19.839 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
6) S 2-Fluorobiphenyl (SURR)	8.602	1604048	20.312 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.62%
11) S ortho-Terphenyl (SURR)	11.648	2808851	20.351 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	2346183	18.791 ug/ml
2) T Naphthalene (C11.7)	6.073	2527137	19.115 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	2544915	19.728 ug/ml
5) T Acenaphthylene (C15.06)	8.406	2716235	19.241 ug/ml
7) T Acenaphthene (C15.5)	8.702	2681521	19.571 ug/ml
8) T Flouorene (C16.55)	9.483	2743439	20.155 ug/ml
9) T Phenanthrene (C19.36)	10.882	2678788	19.869 ug/ml
10) T Anthracene (C19.43)	10.955	2103999	17.790 ug/ml
12) T Fluoranthene (C21.85)	12.695	2661560	19.750 ug/ml
13) T Pyrene (C20.8)	12.993	2637725	19.499 ug/ml
14) T Benzo[a]anthracene (C...	14.864	2269579	19.814 ug/ml
15) T Chrysene (C27.41)	14.906	2325366	19.924 ug/ml
16) T benzo[b]fluoranthene ...	16.415	2275846	18.749 ug/ml
17) T Bnezo[k]fluoranthene ...	16.447	2228603	18.686 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	2054204	17.865 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.157	2007170	18.290 ug/ml
20) T Dibenz[a,h]anthracene...	18.198	2369665	22.437 ug/ml
21) T Benzo[g,h,i]perylene ...	18.412	2140757	17.964 ug/ml

(f)=RT Delta > 1/2 Window

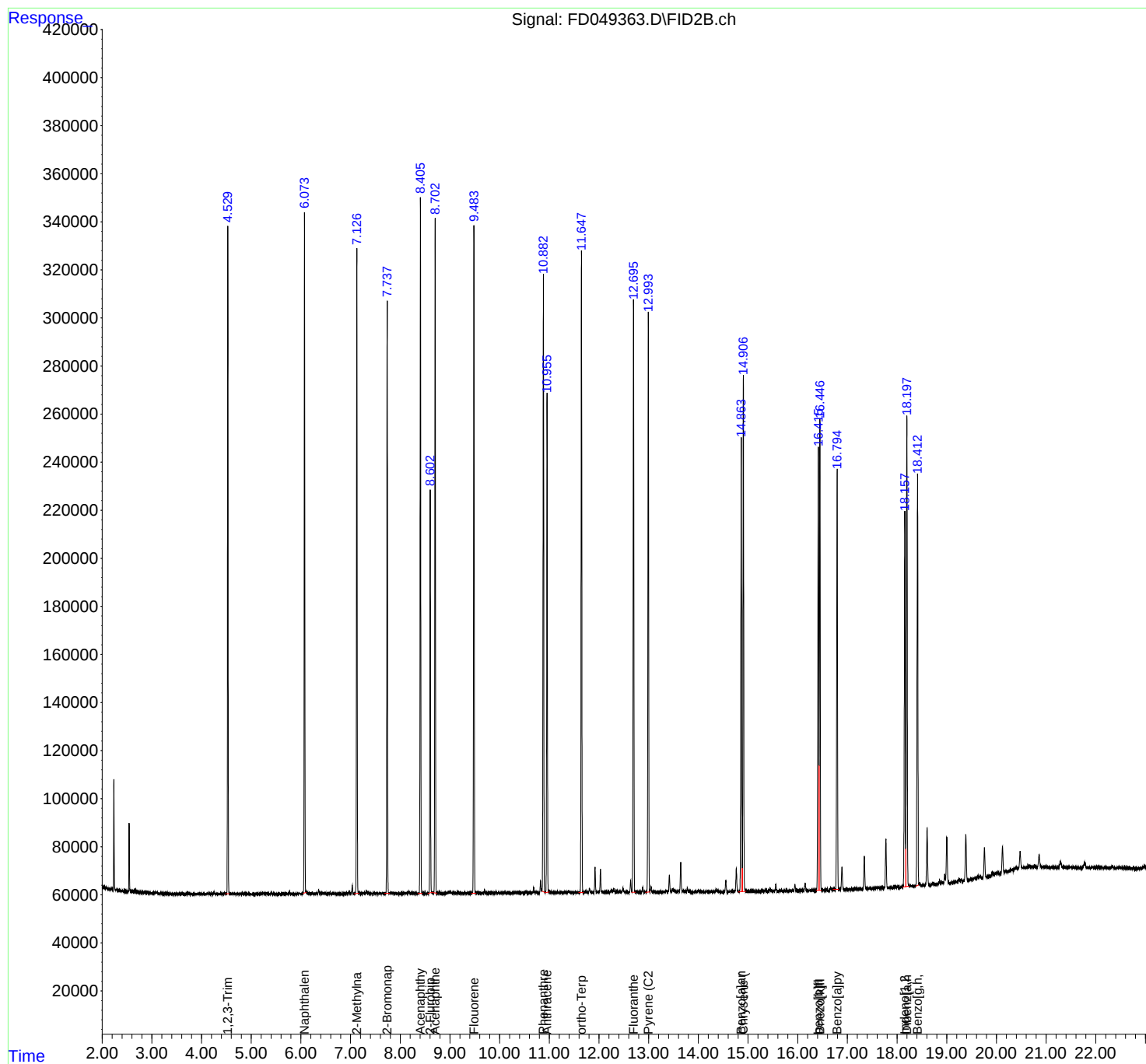
(m)=manual int.

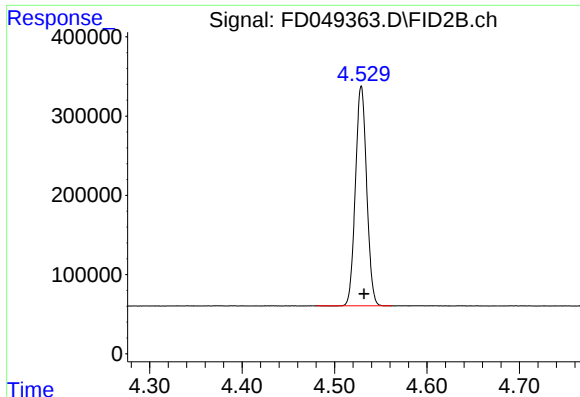
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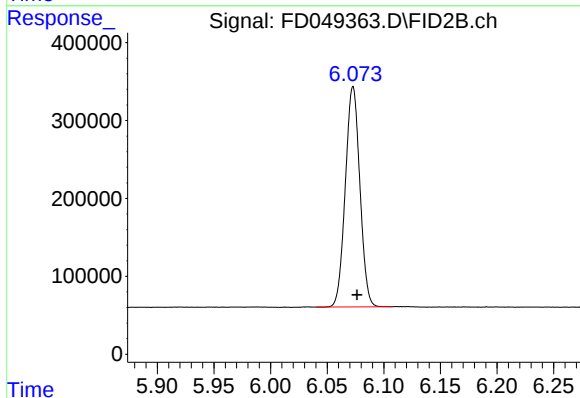




#1 1,2,3-Trimethylbenzene (C10.1)

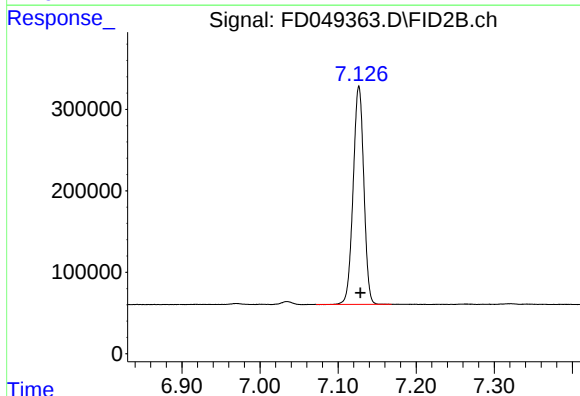
R.T.: 4.529 min
Delta R.T.: -0.003 min
Response: 2346183
Conc: 18.79 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



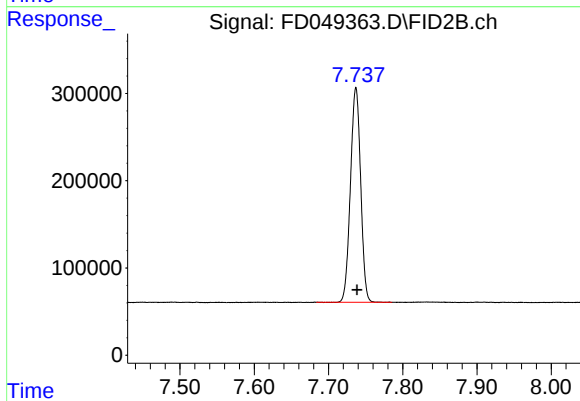
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 2527137
Conc: 19.12 ug/ml



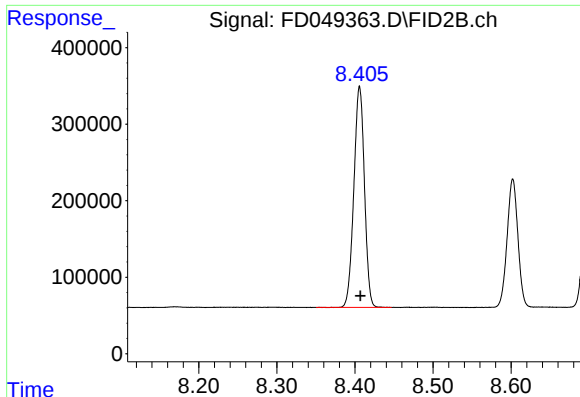
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: -0.002 min
Response: 2544915
Conc: 19.73 ug/ml



#4 2-Bromonaphthalene (SURR)

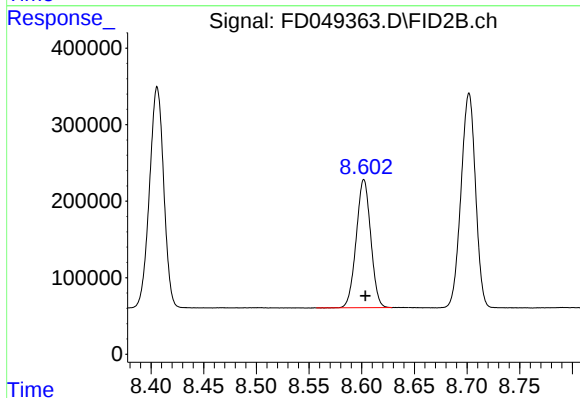
R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 2352331
Conc: 19.84 ug/ml



#5 Acenaphthylene (C15.06)

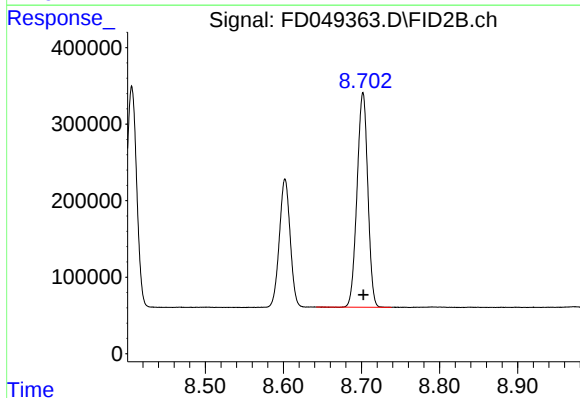
R.T.: 8.406 min
Delta R.T.: -0.001 min
Response: 2716235
Conc: 19.24 ug/ml

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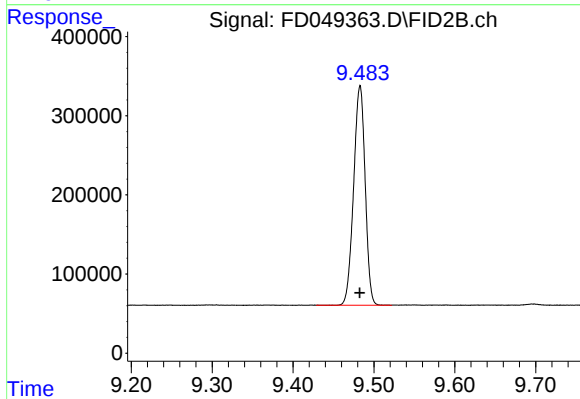
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.602 min
Delta R.T.: -0.002 min
Response: 1604048
Conc: 20.31 ug/ml



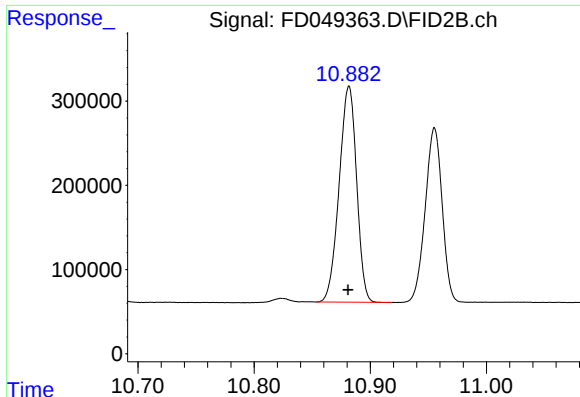
#7 Acenaphthene (C15.5)

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 2681521
Conc: 19.57 ug/ml



#8 Fluorene (C16.55)

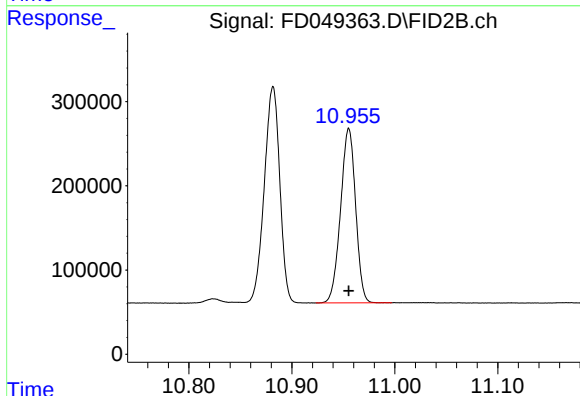
R.T.: 9.483 min
Delta R.T.: 0.000 min
Response: 2743439
Conc: 20.16 ug/ml



#9 Phenanthrene (C19.36)

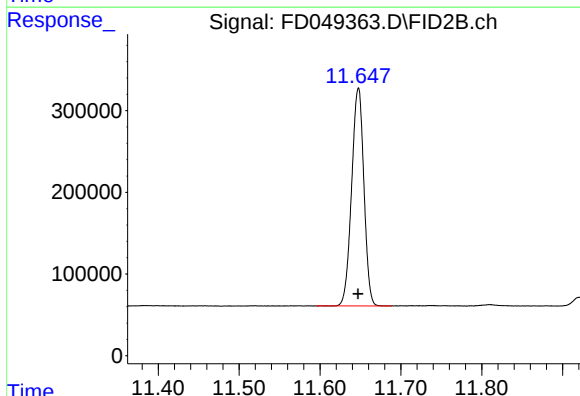
R.T.: 10.882 min
Delta R.T.: 0.000 min
Response: 2678788
Conc: 19.87 ug/ml

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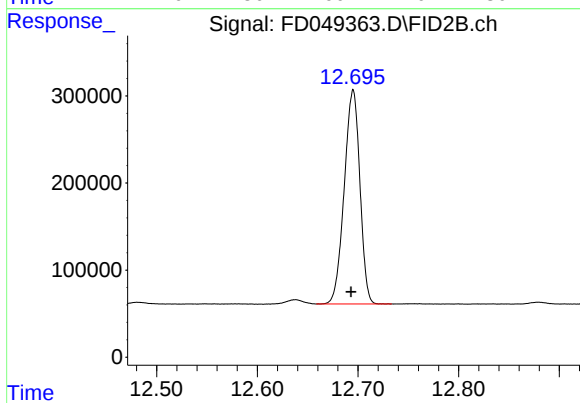
#10 Anthracene (C19.43)

R.T.: 10.955 min
Delta R.T.: 0.000 min
Response: 2103999
Conc: 17.79 ug/ml



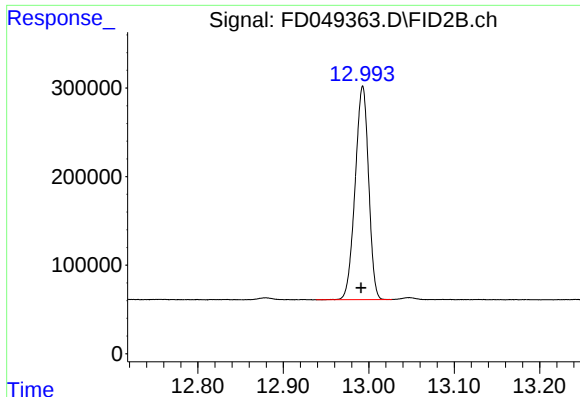
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 2808851
Conc: 20.35 ug/ml



#12 Fluoranthene (C21.85)

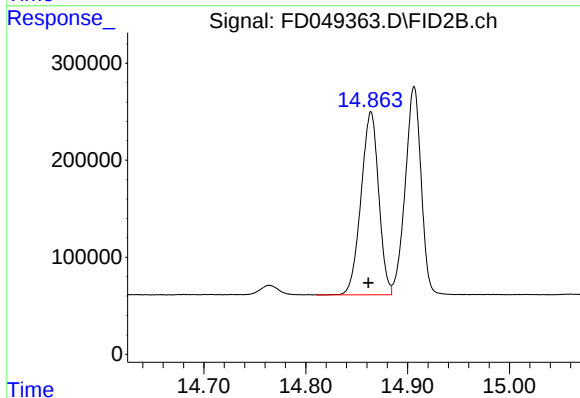
R.T.: 12.695 min
Delta R.T.: 0.002 min
Response: 2661560
Conc: 19.75 ug/ml



#13 Pyrene (C20.8)

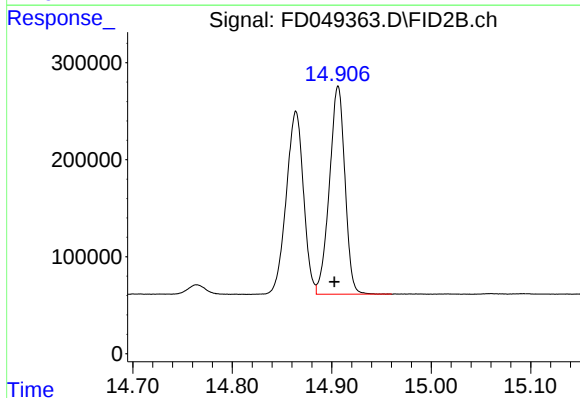
R.T.: 12.993 min
Delta R.T.: 0.002 min
Response: 2637725
Conc: 19.50 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



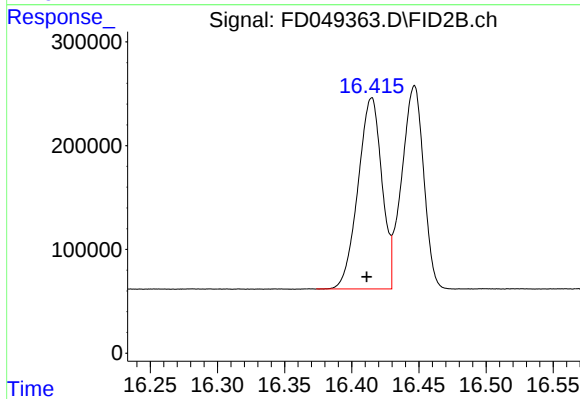
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.864 min
Delta R.T.: 0.003 min
Response: 2269579
Conc: 19.81 ug/ml



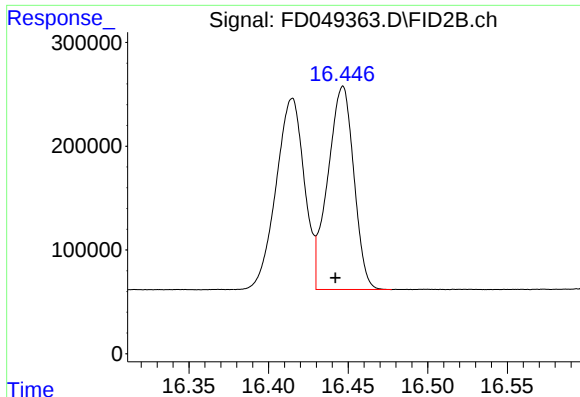
#15 Chrysene (C27.41)

R.T.: 14.906 min
Delta R.T.: 0.004 min
Response: 2325366
Conc: 19.92 ug/ml



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

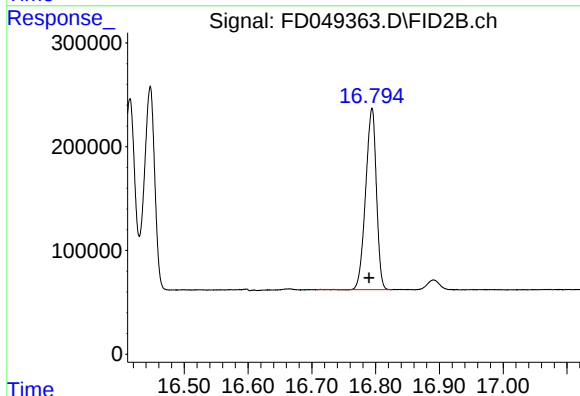
R.T.: 16.415 min
Delta R.T.: 0.004 min
Response: 2275846
Conc: 18.75 ug/ml



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

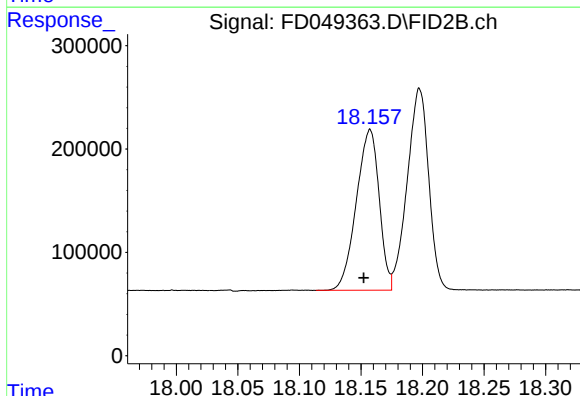
R.T.: 16.447 min
Delta R.T.: 0.005 min
Response: 2228603
Conc: 18.69 ug/ml

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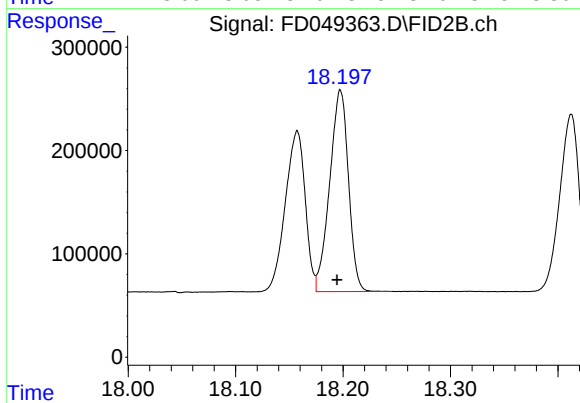
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.794 min
Delta R.T.: 0.005 min
Response: 2054204
Conc: 17.87 ug/ml



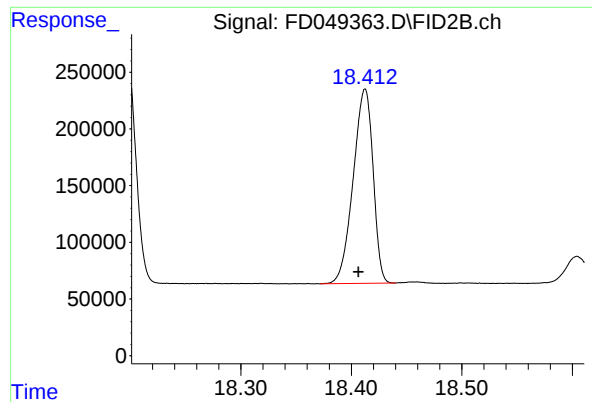
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.157 min
Delta R.T.: 0.005 min
Response: 2007170
Conc: 18.29 ug/ml



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

R.T.: 18.198 min
Delta R.T.: 0.003 min
Response: 2369665
Conc: 22.44 ug/ml



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

R.T.: 18.412 min
Delta R.T.: 0.006 min
Response: 2140757
Conc: 17.96 ug/ml

Instrument :

FID_D

ClientSampleId :

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