

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061325AR\
 Data File : FD049484.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 09:48
 Operator : YP/AJ
 Sample : Q2177-02MS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-187-SB01MS

Integration File: autoint1.e
 Quant Time: Jun 13 21:19:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.733	6278432	37.769 ug/ml
Spiked Amount 50.000		Recovery =	75.54%
6) S 2-Fluorobiphenyl (SURR)	8.598	4233429	37.006 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.01%
11) S ortho-Terphenyl (SURR)	11.644	6518438	32.475 ug/ml
Spiked Amount 50.000		Recovery =	64.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.522	2028339	12.748 ug/ml
2) T Naphthalene (C11.7)	6.066	2506308	14.274 ug/ml
3) T 2-Methylnaphthalene (...)	7.120	2576852	14.424 ug/ml
5) T Acenaphthylene (C15.06)	8.399	3018456	15.582 ug/ml
7) T Acenaphthene (C15.5)	8.696	3122059	16.413 ug/ml
8) T Flouorene (C16.55)	9.476	3285254	16.803 ug/ml
9) T Phenanthrene (C19.36)	10.875	3591192	18.887 ug/ml
10) T Anthracene (C19.43)	10.949	3220864	18.424 ug/ml
12) T Fluoranthene (C21.85)	12.689	3643400	20.199 ug/ml
13) T Pyrene (C20.8)	12.988	3552754	19.905 ug/ml
14) T Benzo[a]anthracene (C...	14.859	3088305	20.319 ug/ml
15) T Chrysene (C27.41)	14.901	3380823	22.263 ug/ml
16) T benzo[b]fluoranthene ...	16.410	3013552	20.819 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	2894814	20.173 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.789	2856949	21.020 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.155	2925066	22.900 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	2748005	20.412 ug/ml
21) T Benzo[g,h,i]perylene ...	18.409	2710958	20.113 ug/ml

(f)=RT Delta > 1/2 Window

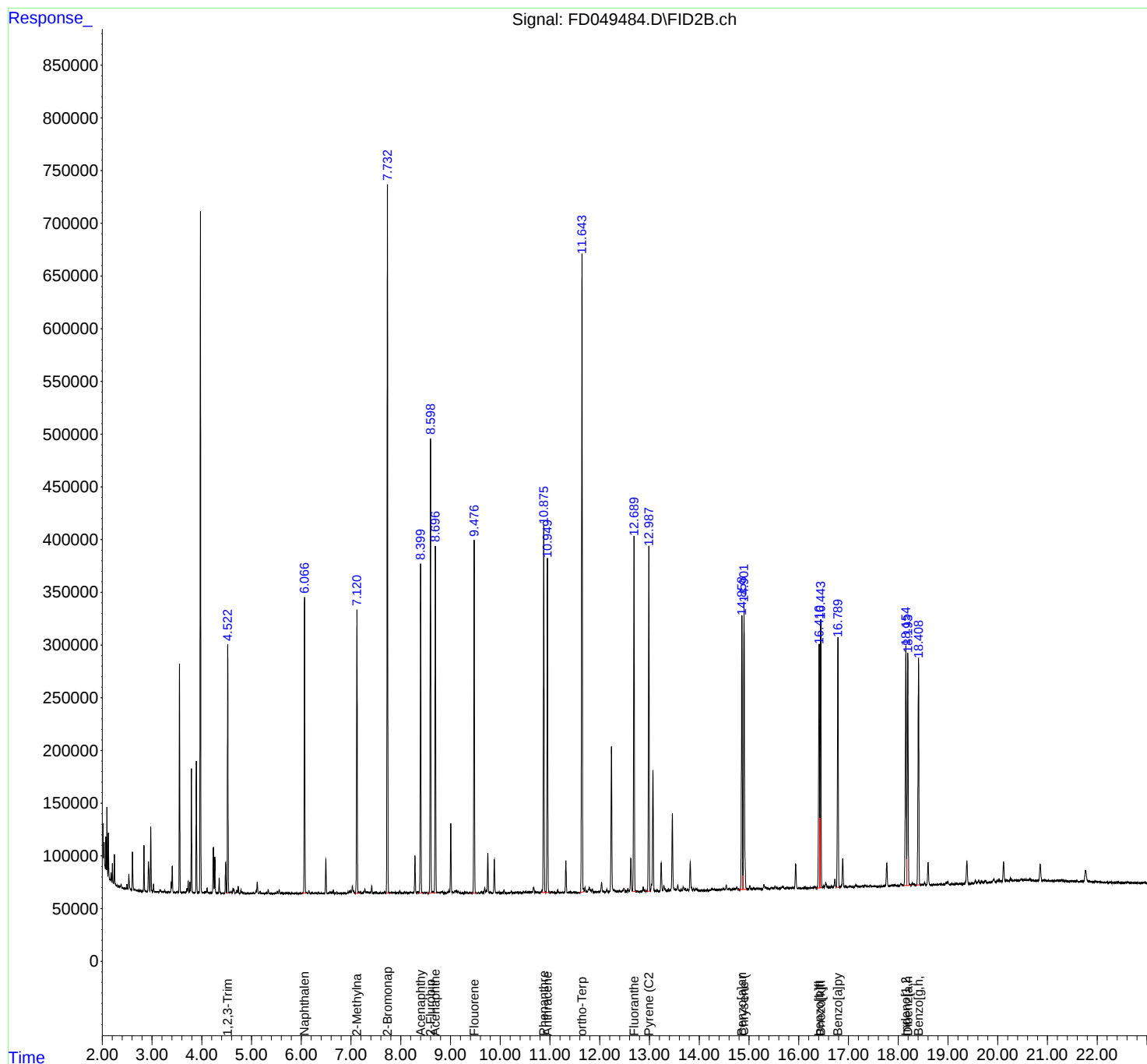
(m)=manual int.

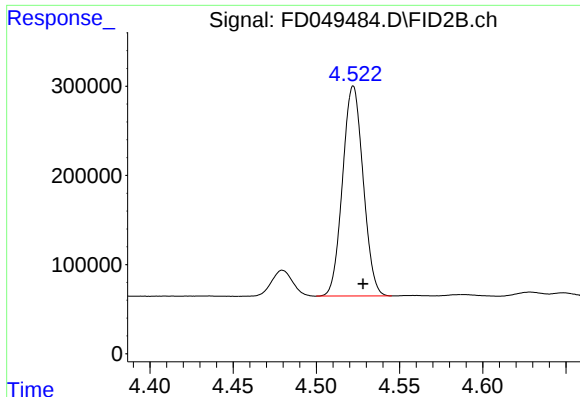
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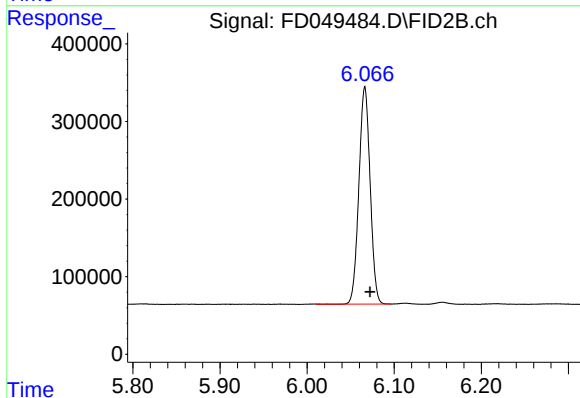




#1 1,2,3-Trimethylbenzene (C10.1)

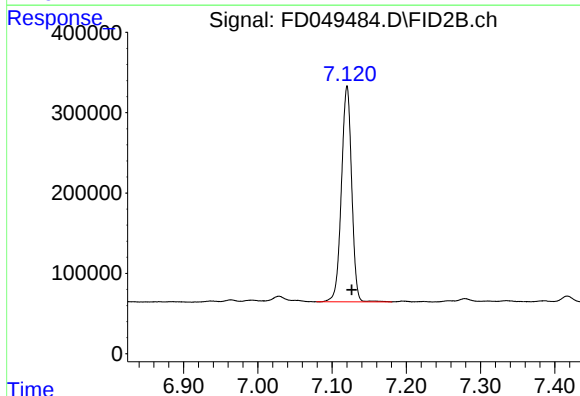
R.T.: 4.522 min
Delta R.T.: -0.006 min
Response: 2028339
Conc: 12.75 ug/ml

Instrument :
FID_D
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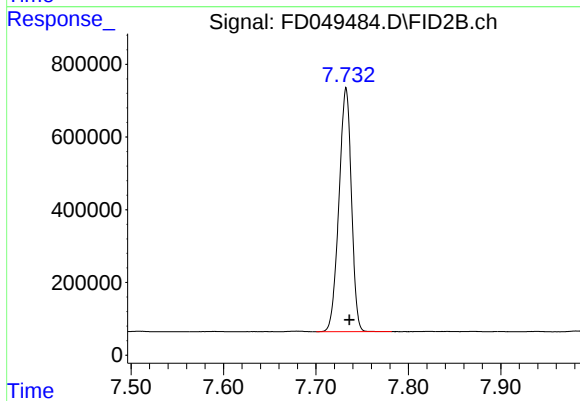
#2 Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: -0.006 min
Response: 2506308
Conc: 14.27 ug/ml



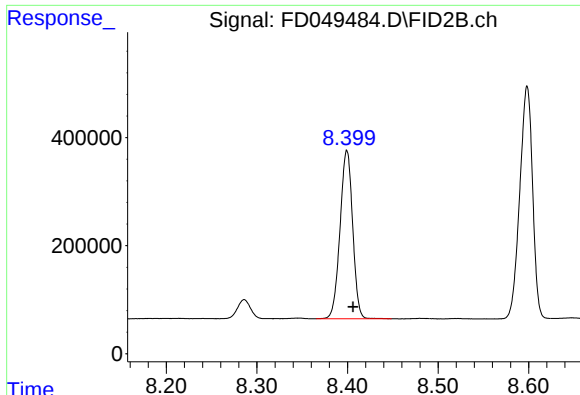
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: -0.006 min
Response: 2576852
Conc: 14.42 ug/ml



#4 2-Bromonaphthalene (SURR)

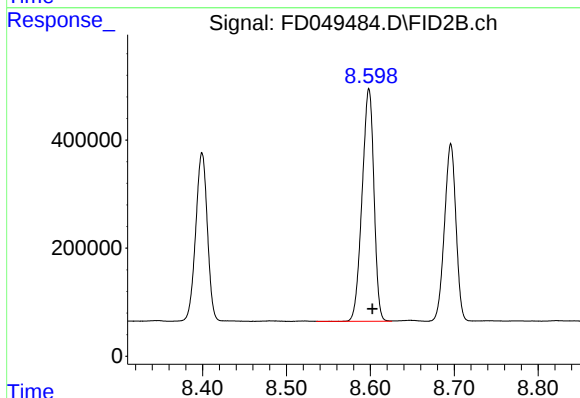
R.T.: 7.733 min
Delta R.T.: -0.004 min
Response: 6278432
Conc: 37.77 ug/ml



#5 Acenaphthylene (C15.06)

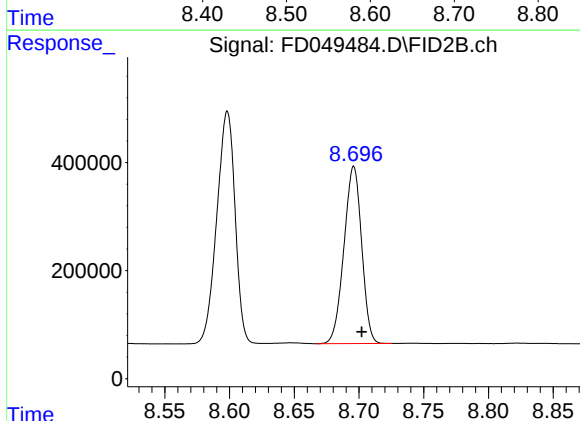
R.T.: 8.399 min
Delta R.T.: -0.007 min
Response: 3018456
Conc: 15.58 ug/ml

Instrument :
FID_D
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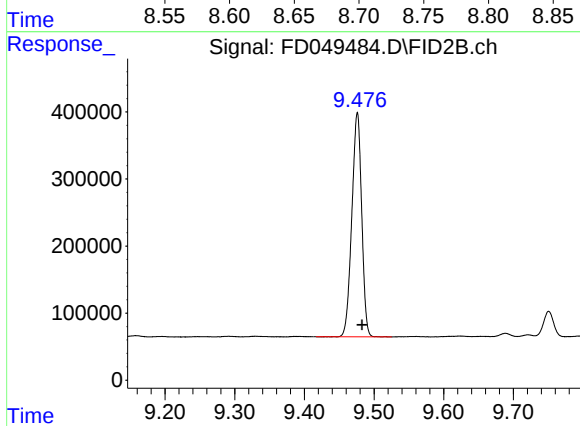
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 4233429
Conc: 37.01 ug/ml



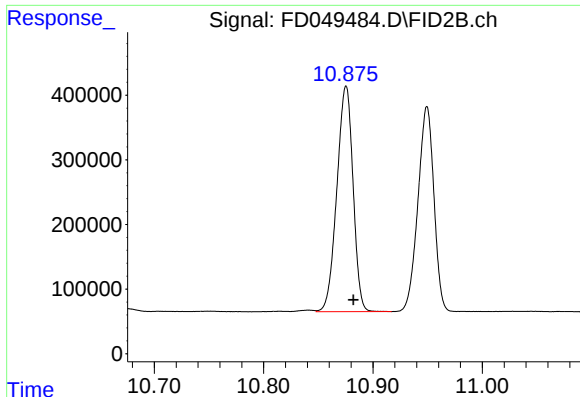
#7 Acenaphthene (C15.5)

R.T.: 8.696 min
Delta R.T.: -0.006 min
Response: 3122059
Conc: 16.41 ug/ml



#8 Flouorene (C16.55)

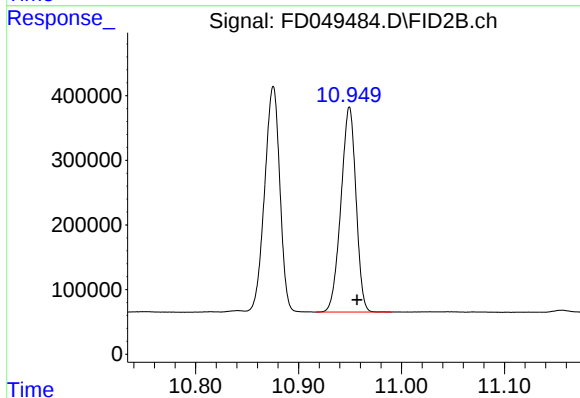
R.T.: 9.476 min
Delta R.T.: -0.007 min
Response: 3285254
Conc: 16.80 ug/ml



#9 Phenanthrene (C19.36)

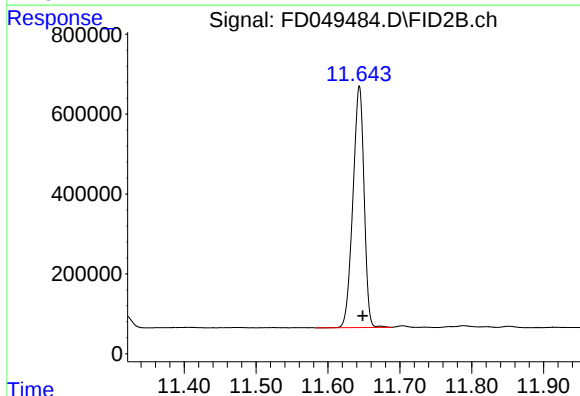
R.T.: 10.875 min
Delta R.T.: -0.007 min
Response: 3591192
Conc: 18.89 ug/ml

Instrument :
FID_D
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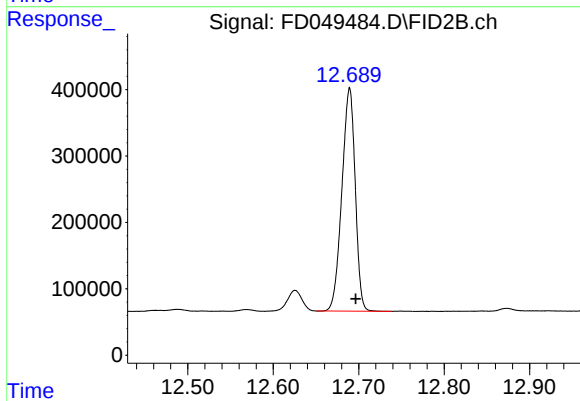
#10 Anthracene (C19.43)

R.T.: 10.949 min
Delta R.T.: -0.007 min
Response: 3220864
Conc: 18.42 ug/ml



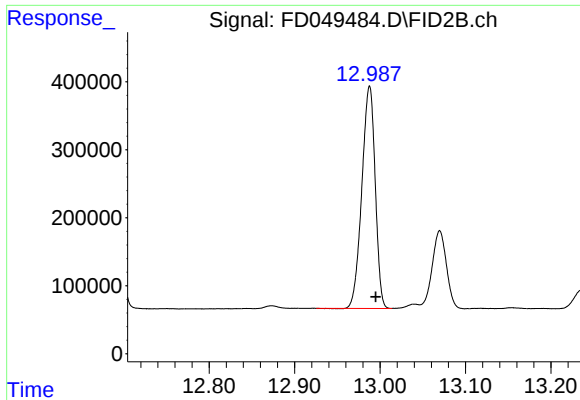
#11 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: -0.005 min
Response: 6518438
Conc: 32.48 ug/ml



#12 Fluoranthene (C21.85)

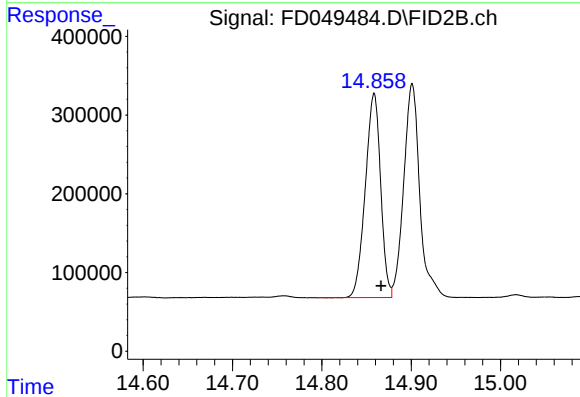
R.T.: 12.689 min
Delta R.T.: -0.007 min
Response: 3643400
Conc: 20.20 ug/ml



#13 Pyrene (C20.8)

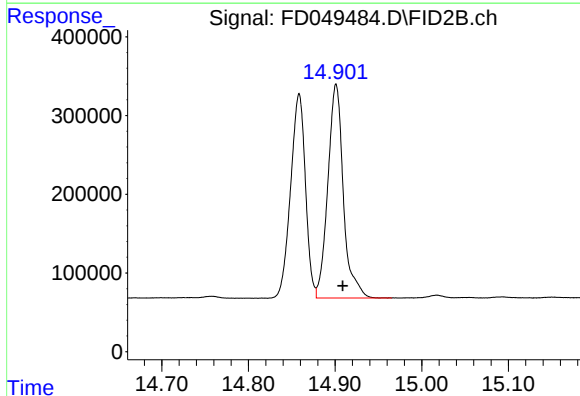
R.T.: 12.988 min
Delta R.T.: -0.007 min
Response: 3552754
Conc: 19.91 ug/ml

Instrument :
FID_D
ClientSampleId :
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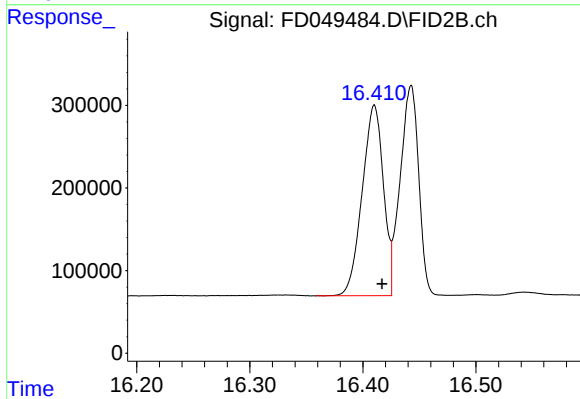
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.859 min
Delta R.T.: -0.008 min
Response: 3088305
Conc: 20.32 ug/ml



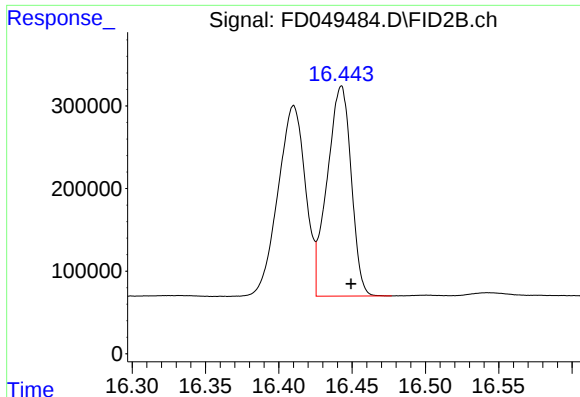
#15 Chrysene (C27.41)

R.T.: 14.901 min
Delta R.T.: -0.008 min
Response: 3380823
Conc: 22.26 ug/ml



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

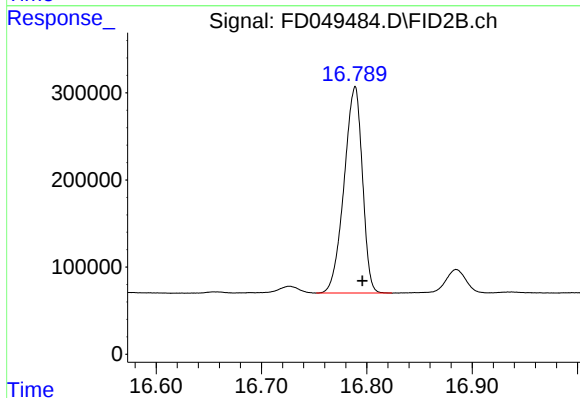
R.T.: 16.410 min
Delta R.T.: -0.007 min
Response: 3013552
Conc: 20.82 ug/ml



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

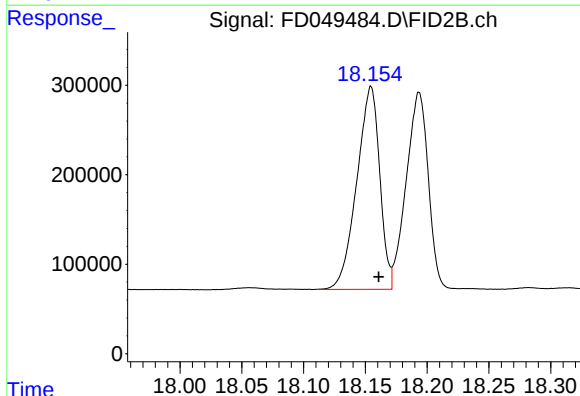
R.T.: 16.443 min
Delta R.T.: -0.007 min
Response: 2894814
Conc: 20.17 ug/ml

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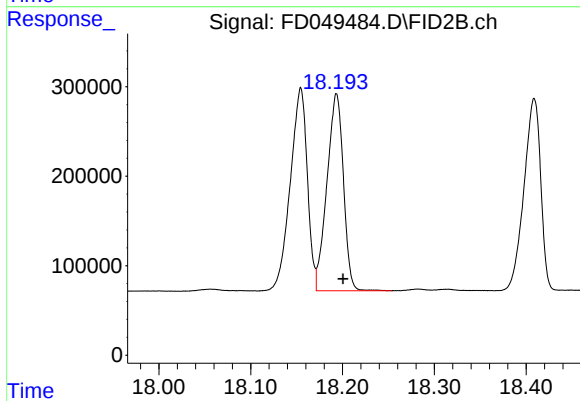
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.789 min
Delta R.T.: -0.007 min
Response: 2856949
Conc: 21.02 ug/ml



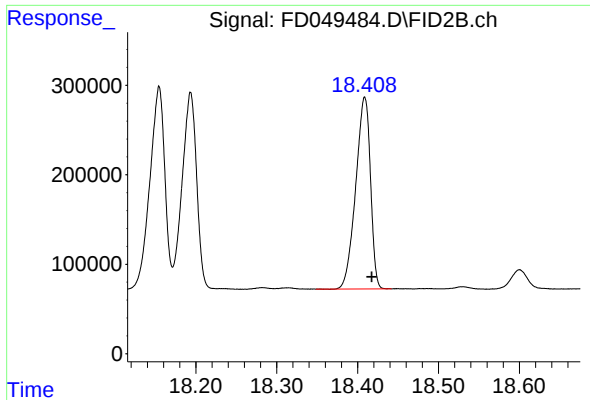
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.155 min
Delta R.T.: -0.006 min
Response: 2925066
Conc: 22.90 ug/ml



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

R.T.: 18.194 min
Delta R.T.: -0.007 min
Response: 2748005
Conc: 20.41 ug/ml



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

R.T.: 18.409 min
Delta R.T.: -0.009 min
Response: 2710958
Conc: 20.11 ug/ml

Instrument :
FID_D
ClientSampleId :
B-187-SB01MS