

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061225AR\
 Data File : FD049475.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 02:42
 Operator : YP/AJ
 Sample : Q2177-02MS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-187-SB01MS

Integration File: autoint1.e
 Quant Time: Jun 13 04:18:54 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	6204954	37.327 ug/ml
Spiked Amount 50.000		Recovery =	74.65%
6) S 2-Fluorobiphenyl (SURR)	8.599	4172915	36.478 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.96%
11) S ortho-Terphenyl (SURR)	11.645	6332161	31.547 ug/ml
Spiked Amount 50.000		Recovery =	63.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	2005181	12.603 ug/ml
2) T Naphthalene (C11.7)	6.067	2478688	14.117 ug/ml
3) T 2-Methylnaphthalene (...)	7.121	2526528	14.143 ug/ml
5) T Acenaphthylene (C15.06)	8.400	3002023	15.497 ug/ml
7) T Acenaphthene (C15.5)	8.697	3090785	16.249 ug/ml
8) T Fluorene (C16.55)	9.477	3243192	16.587 ug/ml
9) T Phenanthrene (C19.36)	10.876	3554014	18.692 ug/ml
10) T Anthracene (C19.43)	10.950	3203626	18.325 ug/ml
12) T Fluoranthene (C21.85)	12.691	3602808	19.974 ug/ml
13) T Pyrene (C20.8)	12.989	3516221	19.701 ug/ml
14) T Benzo[a]anthracene (C...	14.860	3063861	20.159 ug/ml
15) T Chrysene (C27.41)	14.902	3336142	21.969 ug/ml
16) T benzo[b]fluoranthene ...	16.411	2971903	20.532 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	2865157	19.966 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.789	2829943	20.822 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.154	2893175	22.651 ug/ml
20) T Dibenz[a,h]anthracene...	18.193	2694958	20.018 ug/ml
21) T Benzo[g,h,i]perylene ...	18.409	2700794	20.038 ug/ml

(f)=RT Delta > 1/2 Window

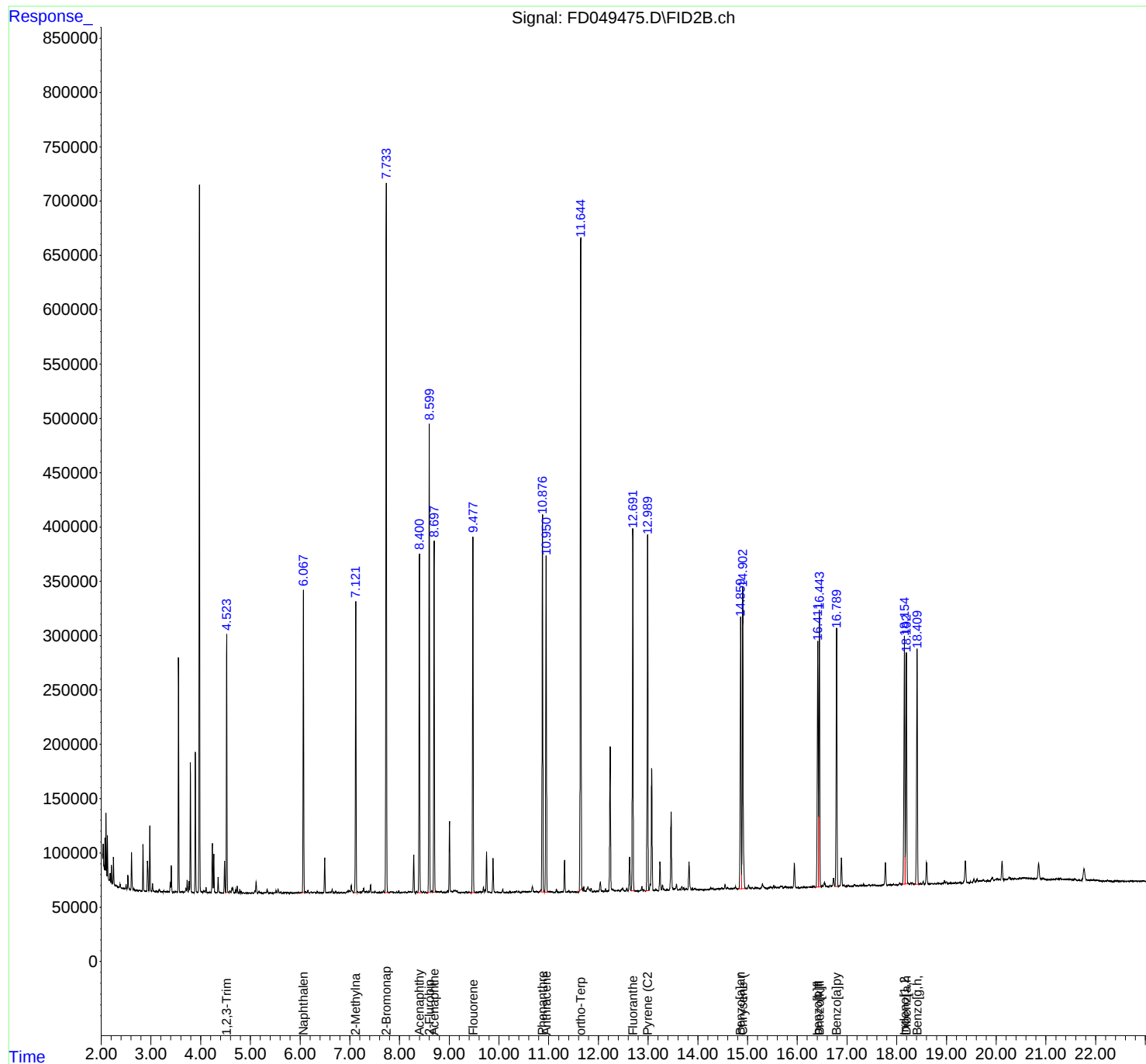
(m)=manual int.

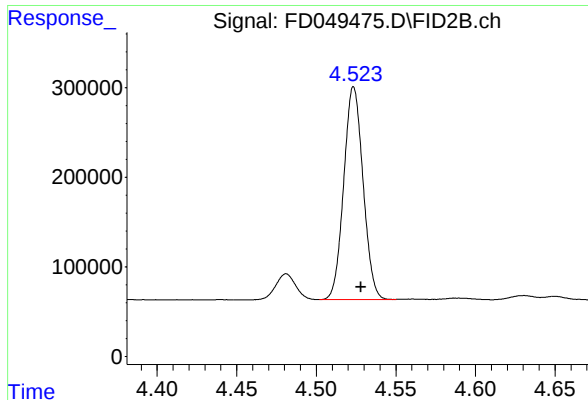
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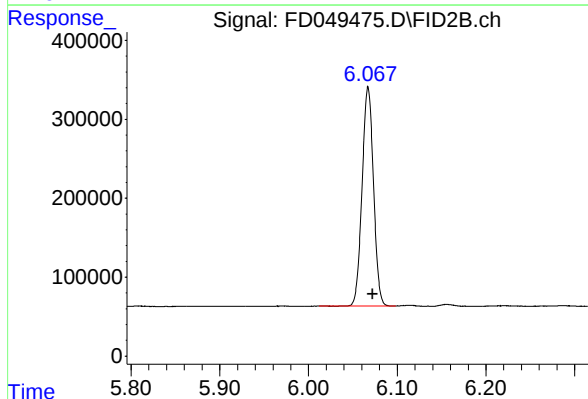




#1 1,2,3-Trimethylbenzene (C10.1)

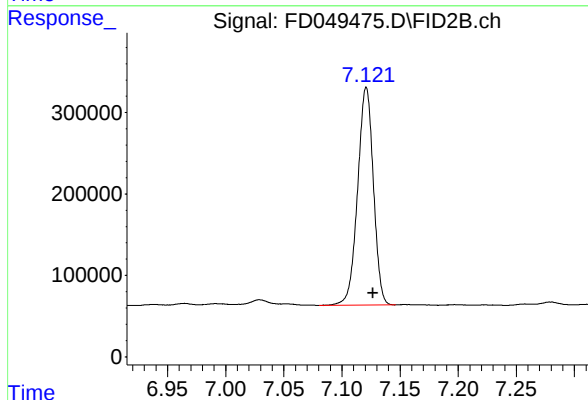
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 2005181
Conc: 12.60 ug/ml

Instrument :
FID_D
ClientSampleId :
B-187-SB01MS



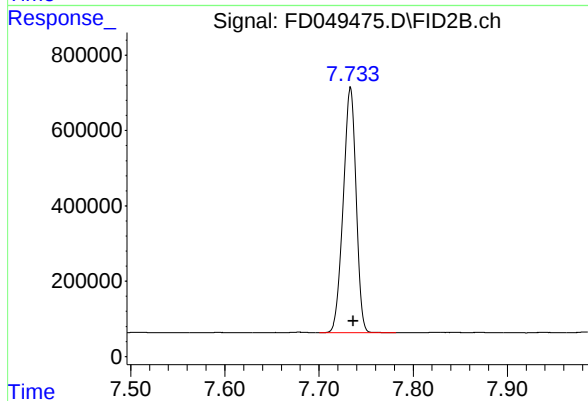
#2 Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: -0.005 min
Response: 2478688
Conc: 14.12 ug/ml



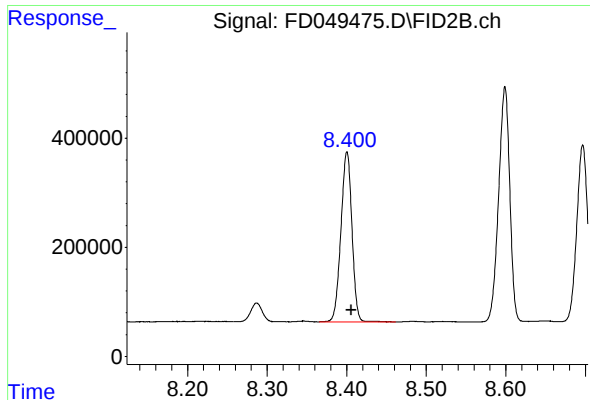
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.006 min
Response: 2526528
Conc: 14.14 ug/ml



#4 2-Bromonaphthalene (SURR)

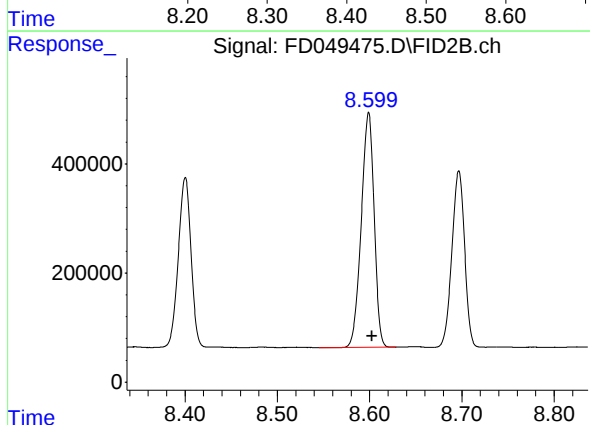
R.T.: 7.733 min
Delta R.T.: -0.003 min
Response: 6204954
Conc: 37.33 ug/ml



#5 Acenaphthylene (C15.06)

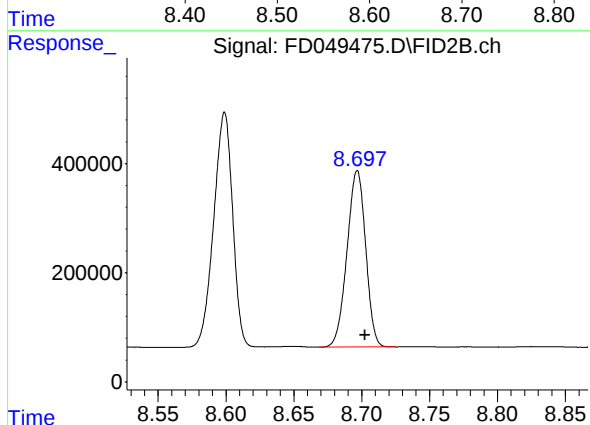
R.T.: 8.400 min
Delta R.T.: -0.006 min
Response: 3002023
Conc: 15.50 ug/ml

Instrument :
FID_D
ClientSampleId :
B-187-SB01MS



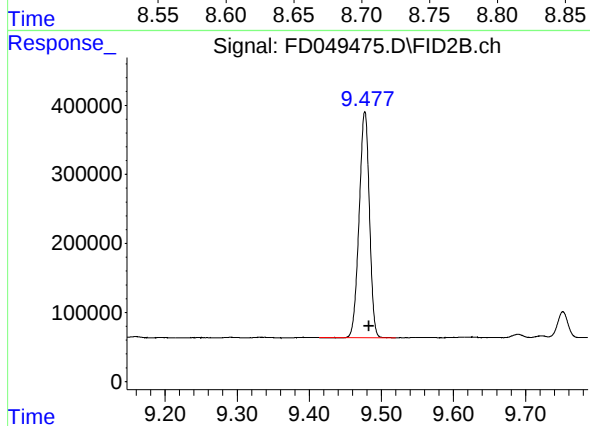
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 4172915
Conc: 36.48 ug/ml



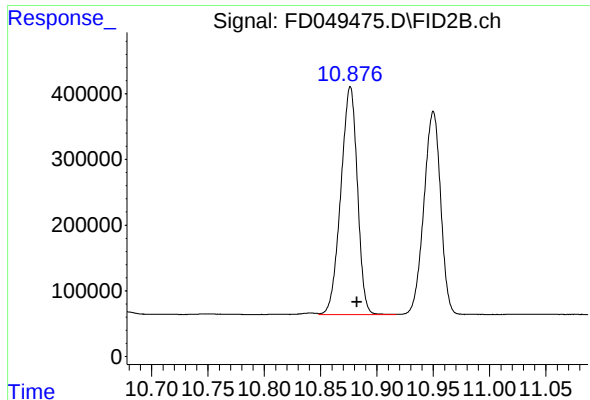
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: -0.005 min
Response: 3090785
Conc: 16.25 ug/ml



#8 Flouorene (C16.55)

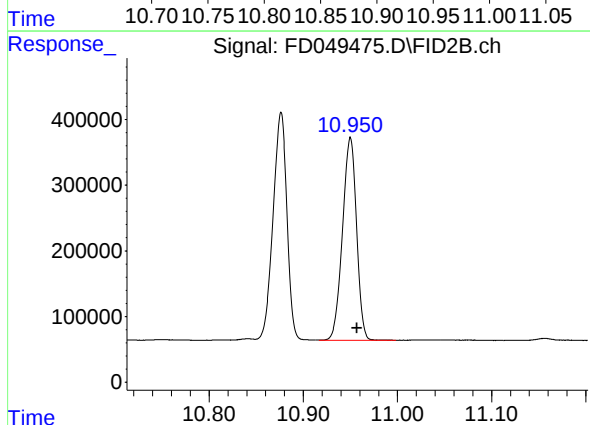
R.T.: 9.477 min
Delta R.T.: -0.006 min
Response: 3243192
Conc: 16.59 ug/ml



#9 Phenanthrene (C19.36)

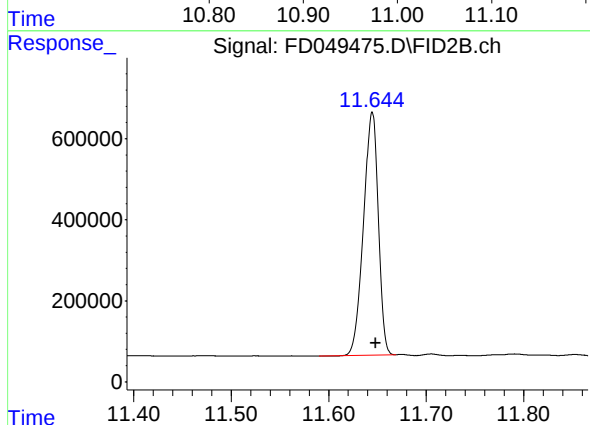
R.T.: 10.876 min
Delta R.T.: -0.006 min
Response: 3554014
Conc: 18.69 ug/ml

Instrument :
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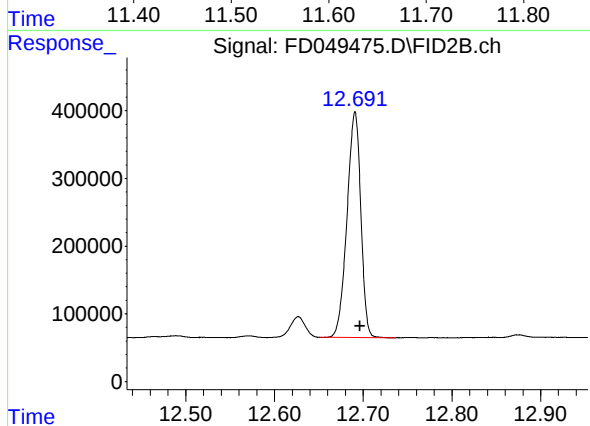
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.007 min
Response: 3203626
Conc: 18.33 ug/ml



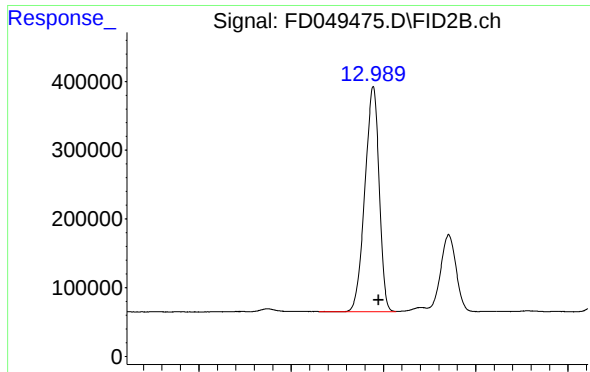
#11 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.004 min
Response: 6332161
Conc: 31.55 ug/ml



#12 Fluoranthene (C21.85)

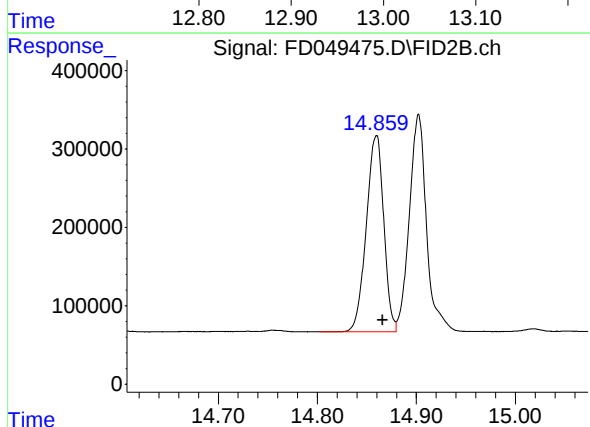
R.T.: 12.691 min
Delta R.T.: -0.006 min
Response: 3602808
Conc: 19.97 ug/ml



#13 Pyrene (C20.8)

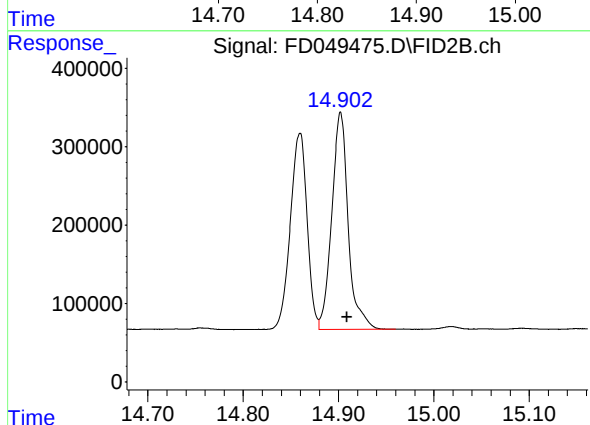
R.T.: 12.989 min
Delta R.T.: -0.006 min
Response: 3516221
Conc: 19.70 ug/ml

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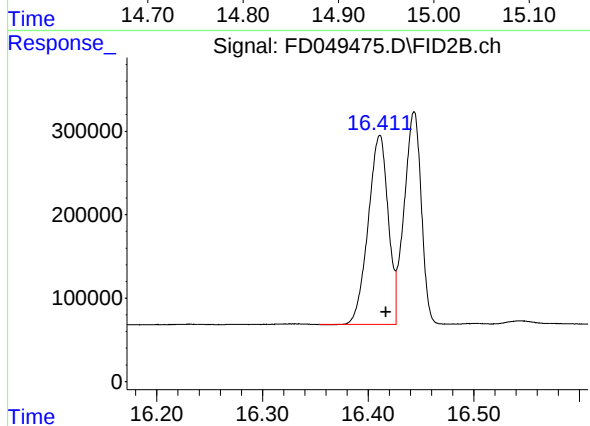
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min
Delta R.T.: -0.007 min
Response: 3063861
Conc: 20.16 ug/ml



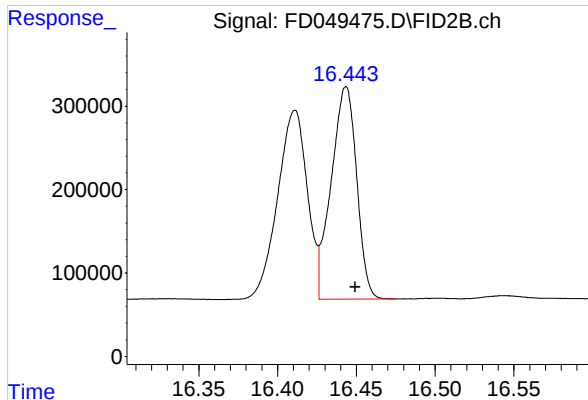
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: -0.006 min
Response: 3336142
Conc: 21.97 ug/ml



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

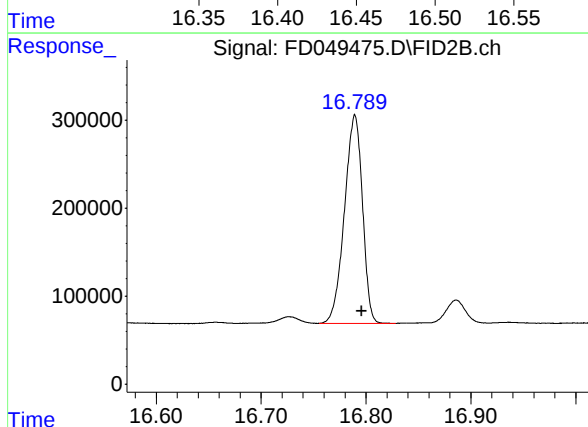
R.T.: 16.411 min
Delta R.T.: -0.006 min
Response: 2971903
Conc: 20.53 ug/ml



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

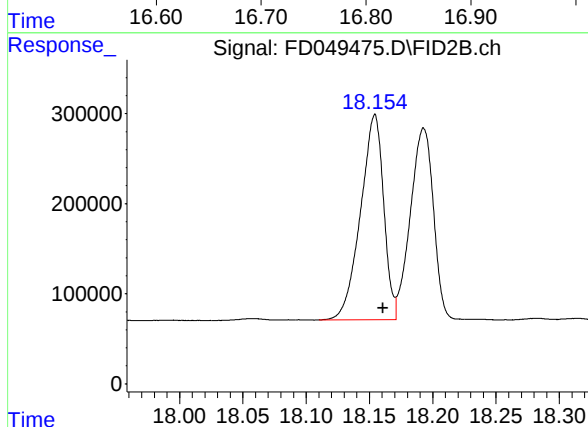
R.T.: 16.443 min
Delta R.T.: -0.006 min
Response: 2865157
Conc: 19.97 ug/ml

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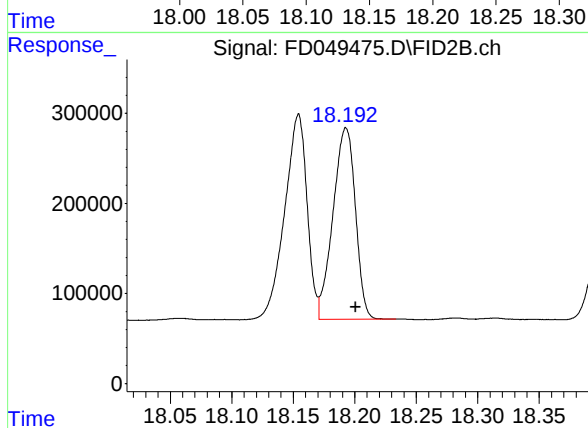
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.789 min
Delta R.T.: -0.006 min
Response: 2829943
Conc: 20.82 ug/ml



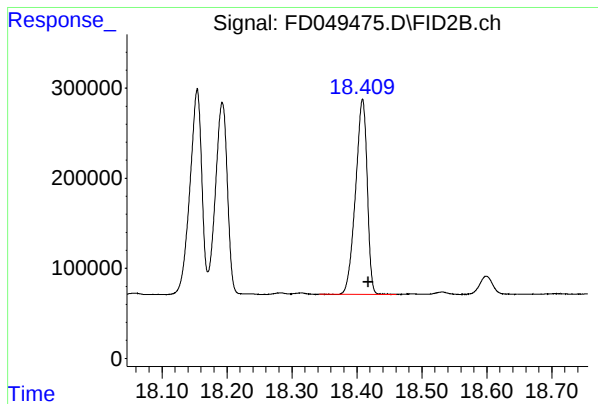
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.154 min
Delta R.T.: -0.006 min
Response: 2893175
Conc: 22.65 ug/ml



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

R.T.: 18.193 min
Delta R.T.: -0.008 min
Response: 2694958
Conc: 20.02 ug/ml



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

R.T.: 18.409 min
Delta R.T.: -0.009 min
Response: 2700794
Conc: 20.04 ug/ml

Instrument :

FID_D

ClientSampleId :

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