

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049805.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 20:19
 Operator : YP/AJ
 Sample : Q3238-01MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 RCAMSD

Integration File: autoint1.e
 Quant Time: Oct 03 06:18:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 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...	7.697	4860590	40.909 ug/ml
Spiked Amount 50.000		Recovery =	81.82%
6) S 2-Fluorobiphenyl (SURR)	8.562	3538469	41.678 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.36%
11) S ortho-Terphenyl (SURR)	11.608	3851203	25.798 ug/ml
Spiked Amount 50.000		Recovery =	51.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	3109195	27.359 ug/ml
2) T Naphthalene (C11.7)	6.031	3816811	28.929 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	3963883	28.649 ug/ml
5) T Acenaphthylene (C15.06)	8.365	4635551	31.728 ug/ml
7) T Acenaphthene (C15.5)	8.662	4773325	32.781 ug/ml
8) T Flouorene (C16.55)	9.443	5038675	34.503 ug/ml
9) T Phenanthrene (C19.36)	10.841	5370590	36.739 ug/ml
10) T Anthracene (C19.43)	10.917	5323970	39.178 ug/ml
12) T Fluoranthene (C21.85)	12.657	5429552	38.111 ug/ml
13) T Pyrene (C20.8)	12.955	5441389	38.708 ug/ml
14) T Benzo[a]anthracene (C...	14.827	4962832	39.460 ug/ml
15) T Chrysene (C27.41)	14.870	5526610	43.018 ug/ml
16) T benzo[b]fluoranthene ...	16.378	4789515	38.449 ug/ml
17) T Bnezo[k]fluoranthene ...	16.413	4723060	40.208 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.757	4526802	37.301 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.123	4837357	43.022 ug/ml
20) T Dibenz[a,h]anthracene...	18.162	4451953	36.414 ug/ml
21) T Benzo[g,h,i]perylene ...	18.379	4444424	37.159 ug/ml

(f)=RT Delta > 1/2 Window

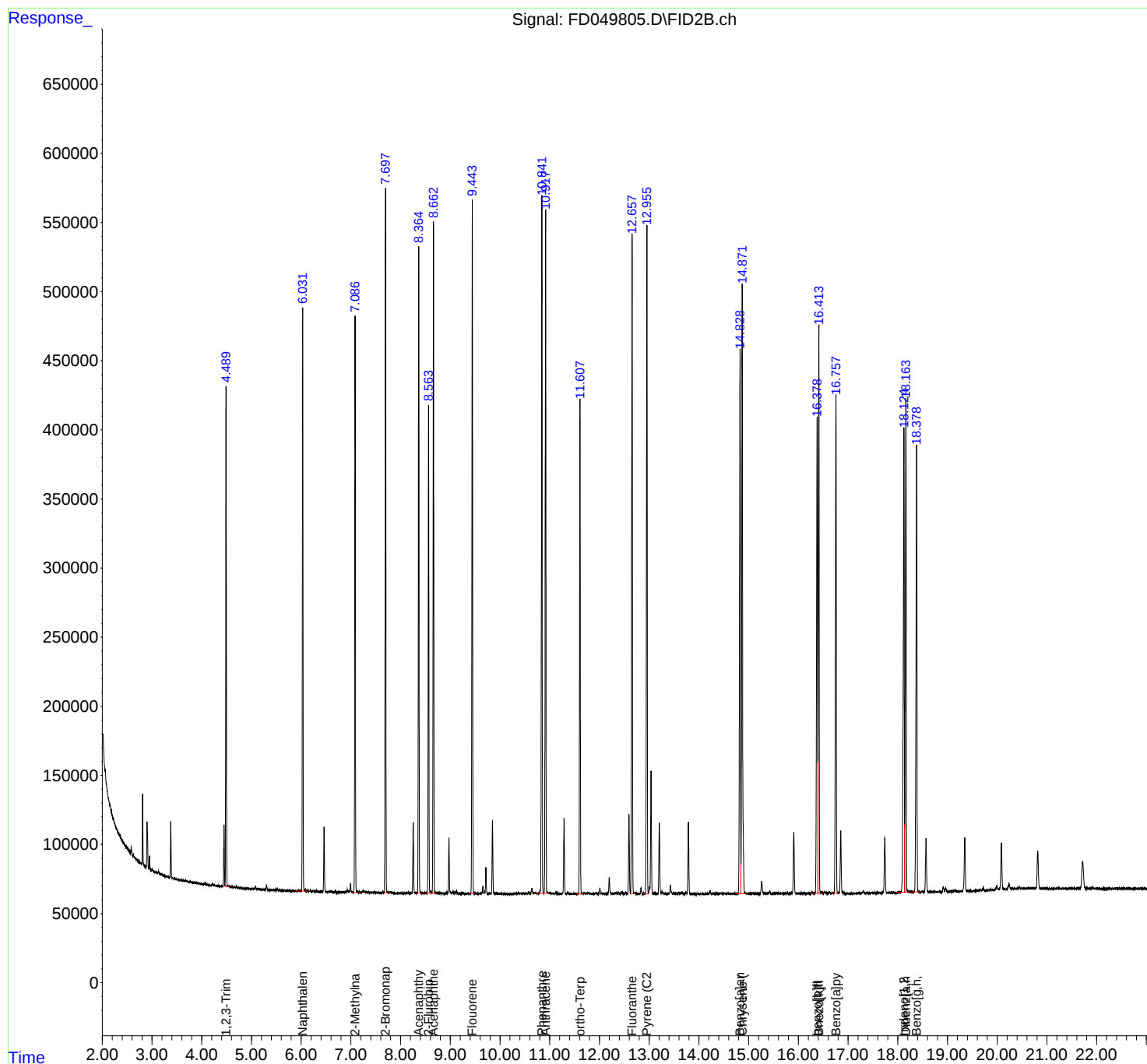
(m)=manual int.

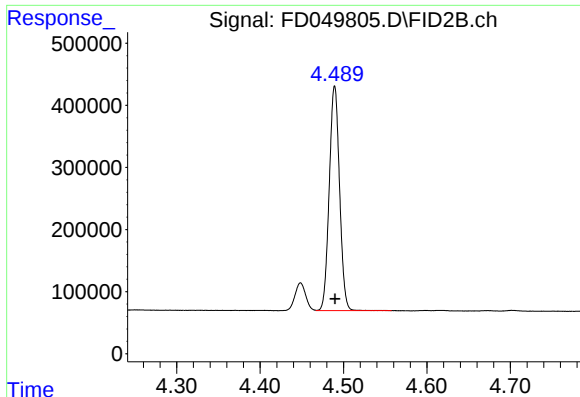
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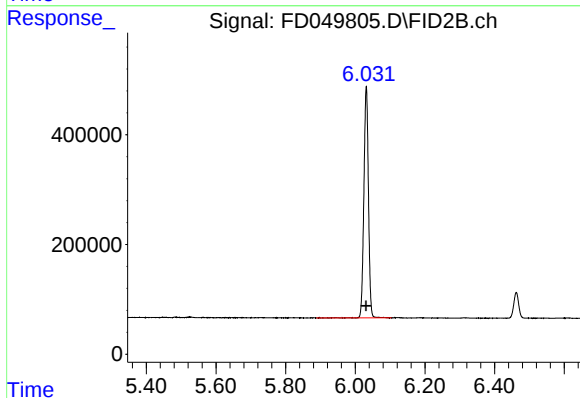




#1 1,2,3-Trimethylbenzene (C10.1)

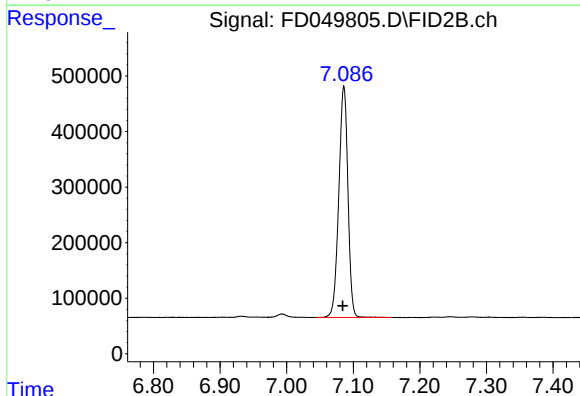
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 3109195
Conc: 27.36 ug/ml

Instrument :
FID_D
ClientSampleId :
RCAMSD



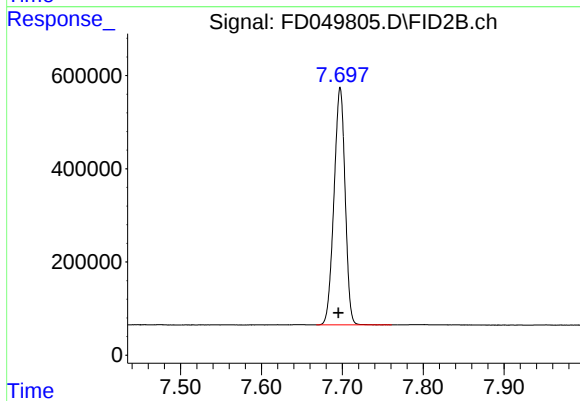
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 3816811
Conc: 28.93 ug/ml



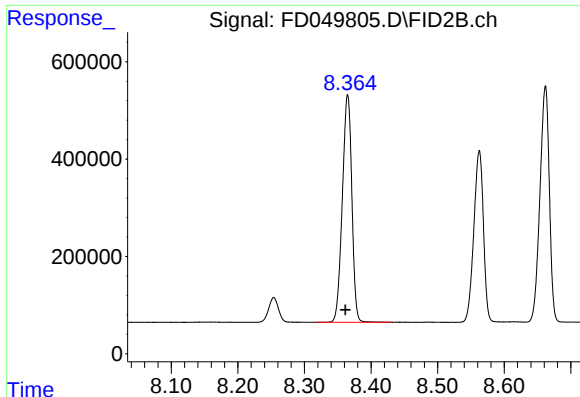
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: 0.002 min
Response: 3963883
Conc: 28.65 ug/ml



#4 2-Bromonaphthalene (SURR)

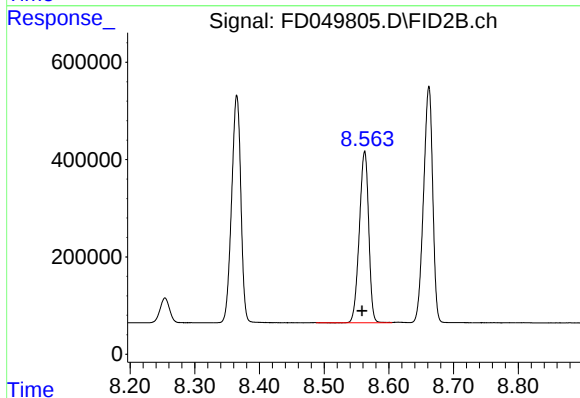
R.T.: 7.697 min
Delta R.T.: 0.002 min
Response: 4860590
Conc: 40.91 ug/ml



#5 Acenaphthylene (C15.06)

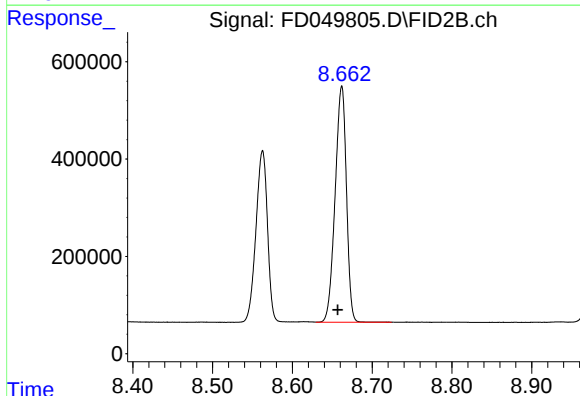
R.T.: 8.365 min
Delta R.T.: 0.003 min
Response: 4635551
Conc: 31.73 ug/ml

Instrument :
FID_D
ClientSampleId :
RCAMSD



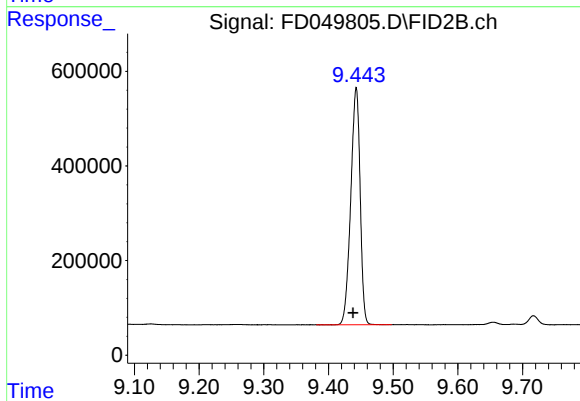
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: 0.004 min
Response: 3538469
Conc: 41.68 ug/ml



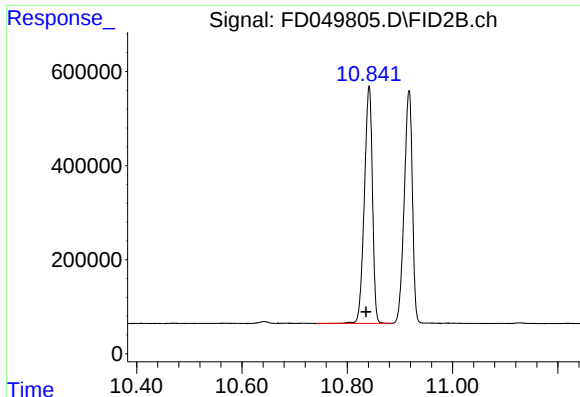
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: 0.004 min
Response: 4773325
Conc: 32.78 ug/ml



#8 Fluorene (C16.55)

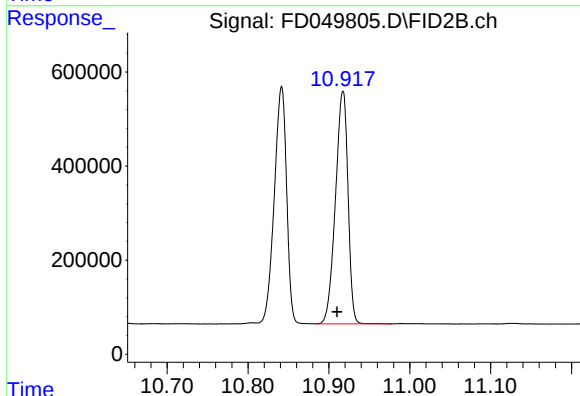
R.T.: 9.443 min
Delta R.T.: 0.004 min
Response: 5038675
Conc: 34.50 ug/ml



#9 Phenanthrene (C19.36)

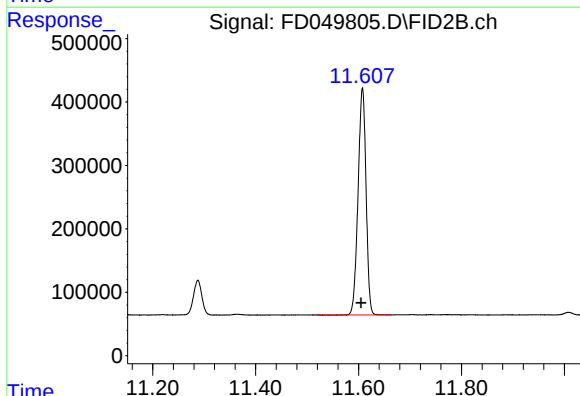
R.T.: 10.841 min
Delta R.T.: 0.005 min
Response: 5370590
Conc: 36.74 ug/ml

Instrument :
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ClientSampleId :
RCAMSD



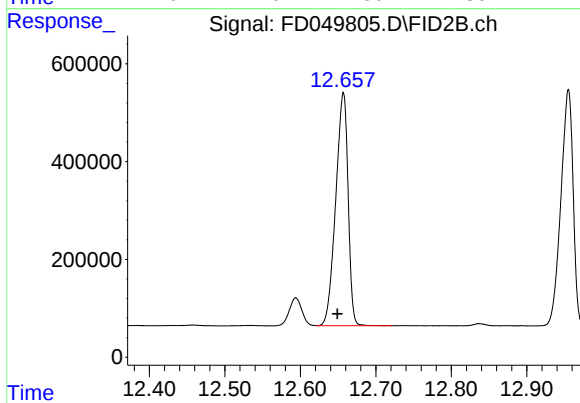
#10 Anthracene (C19.43)

R.T.: 10.917 min
Delta R.T.: 0.007 min
Response: 5323970
Conc: 39.18 ug/ml



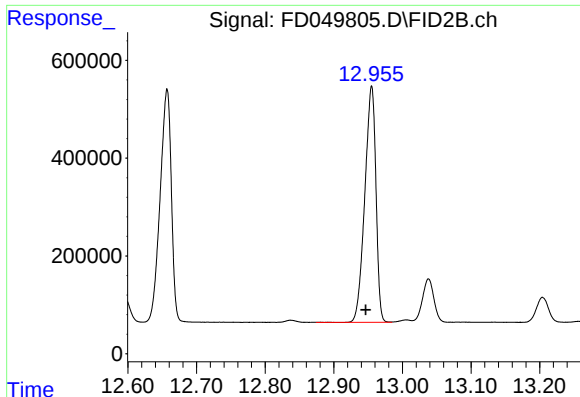
#11 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: 0.003 min
Response: 3851203
Conc: 25.80 ug/ml



#12 Fluoranthene (C21.85)

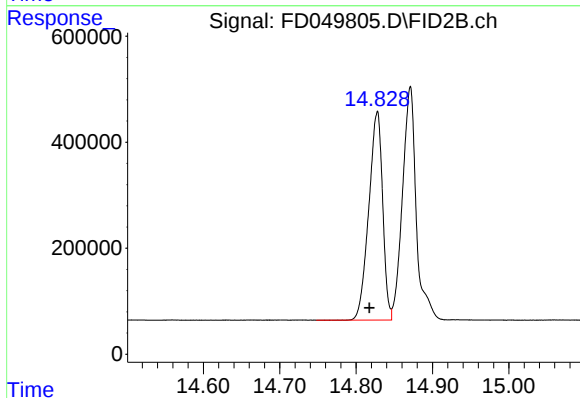
R.T.: 12.657 min
Delta R.T.: 0.007 min
Response: 5429552
Conc: 38.11 ug/ml



#13 Pyrene (C20.8)

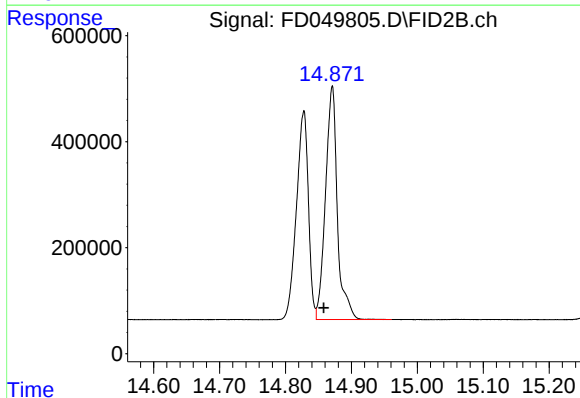
R.T.: 12.955 min
Delta R.T.: 0.008 min
Response: 5441389
Conc: 38.71 ug/ml

Instrument :
FID_D
ClientSampleId :
RCAMSD



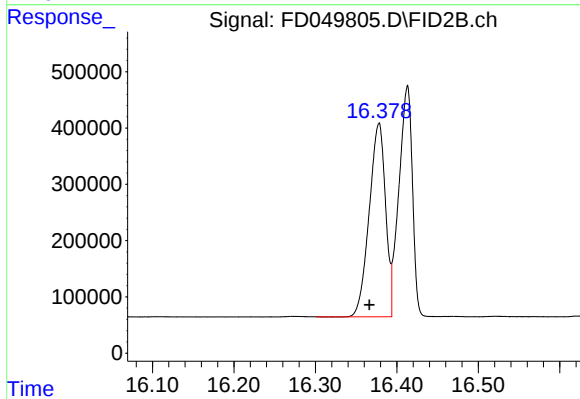
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.827 min
Delta R.T.: 0.010 min
Response: 4962832
Conc: 39.46 ug/ml



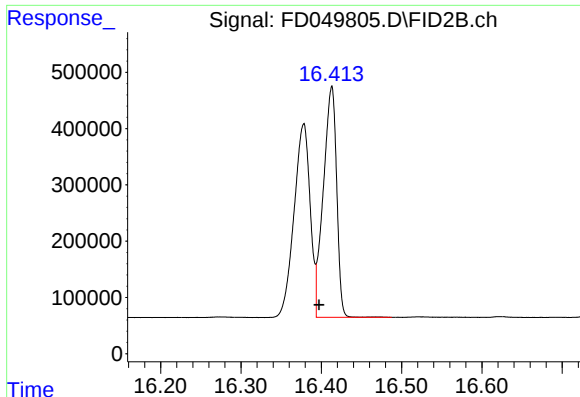
#15 Chrysene (C27.41)

R.T.: 14.870 min
Delta R.T.: 0.012 min
Response: 5526610
Conc: 43.02 ug/ml



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

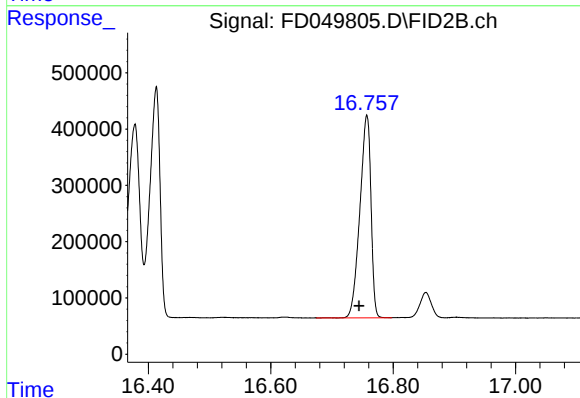
R.T.: 16.378 min
Delta R.T.: 0.011 min
Response: 4789515
Conc: 38.45 ug/ml



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

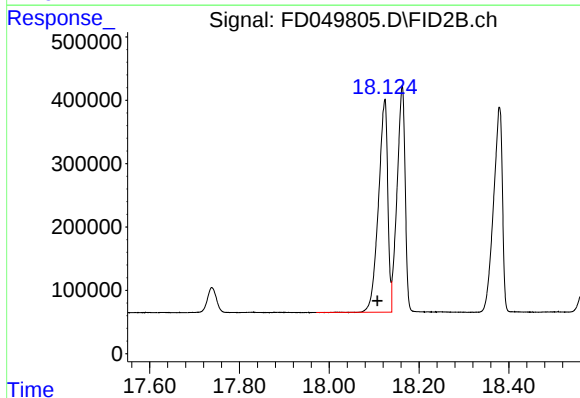
R.T.: 16.413 min
Delta R.T.: 0.015 min
Response: 4723060
Conc: 40.21 ug/ml

Instrument :
FID_D
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RCAMSD



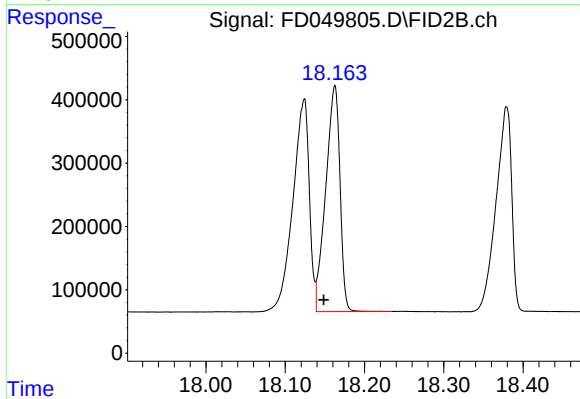
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.757 min
Delta R.T.: 0.013 min
Response: 4526802
Conc: 37.30 ug/ml



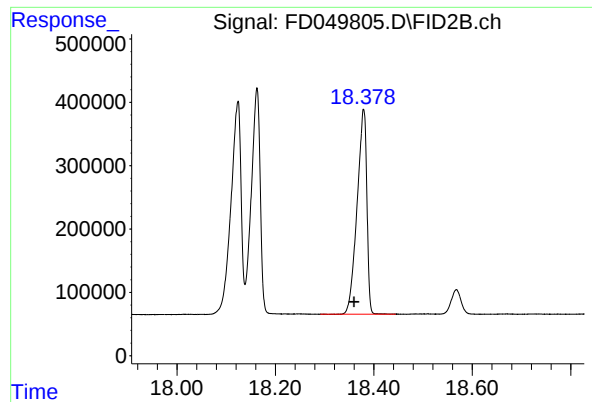
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.123 min
Delta R.T.: 0.016 min
Response: 4837357
Conc: 43.02 ug/ml



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

R.T.: 18.162 min
Delta R.T.: 0.013 min
Response: 4451953
Conc: 36.41 ug/ml



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

R.T.: 18.379 min
Delta R.T.: 0.019 min
Response: 4444424
Conc: 37.16 ug/ml

Instrument :
FID_D
ClientSampleId :
RCAMSD