

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011223AR\
 Data File : FD044774.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 00:11
 Operator : YP/AJ
 Sample : 01056-05MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T-5MSD

Integration File: autoint1.e
 Quant Time: Jan 13 04:50:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 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...	7.663	7290505	50.557 ug/ml
Spiked Amount 50.000		Recovery =	101.11%
6) S 2-Fluorobiphenyl (SURR)	8.520	4806594	49.516 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.03%
11) S ortho-Terphenyl (SURR)	11.547	5173813	28.716 ug/ml
Spiked Amount 50.000		Recovery =	57.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	5817342	36.156 ug/ml
2) T Naphthalene (C11.7)	6.011	6961440	41.476 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	6848558	40.732 ug/ml
5) T Acenaphthylene (C15.06)	8.325	7555464	49.814 ug/ml
7) T Acenaphthene (C15.5)	8.619	7256554	44.763 ug/ml
8) T Flouorene (C16.55)	9.396	7511794	47.132 ug/ml
9) T Phenanthrene (C19.36)	10.785	7569703	48.235 ug/ml
10) T Anthracene (C19.43)	10.859	7415622	58.971 ug/ml
12) T Fluoranthene (C21.85)	12.587	7597426	48.381 ug/ml
13) T Pyrene (C20.8)	12.882	7475720	48.834 ug/ml
14) T Benzo[a]anthracene (C...	14.744	7335220	51.588 ug/ml
15) T Chrysene (C27.41)	14.787	7853766	51.792 ug/ml
16) T benzo[b]fluoranthene ...	16.285	7386988	49.117 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	6844291	45.176 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.661	6439947	44.388 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.017	6329916	44.761 ug/ml
20) T Dibenz[a,h]anthracene...	18.058	6366578	43.432 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	6246383	43.970 ug/ml

(f)=RT Delta > 1/2 Window

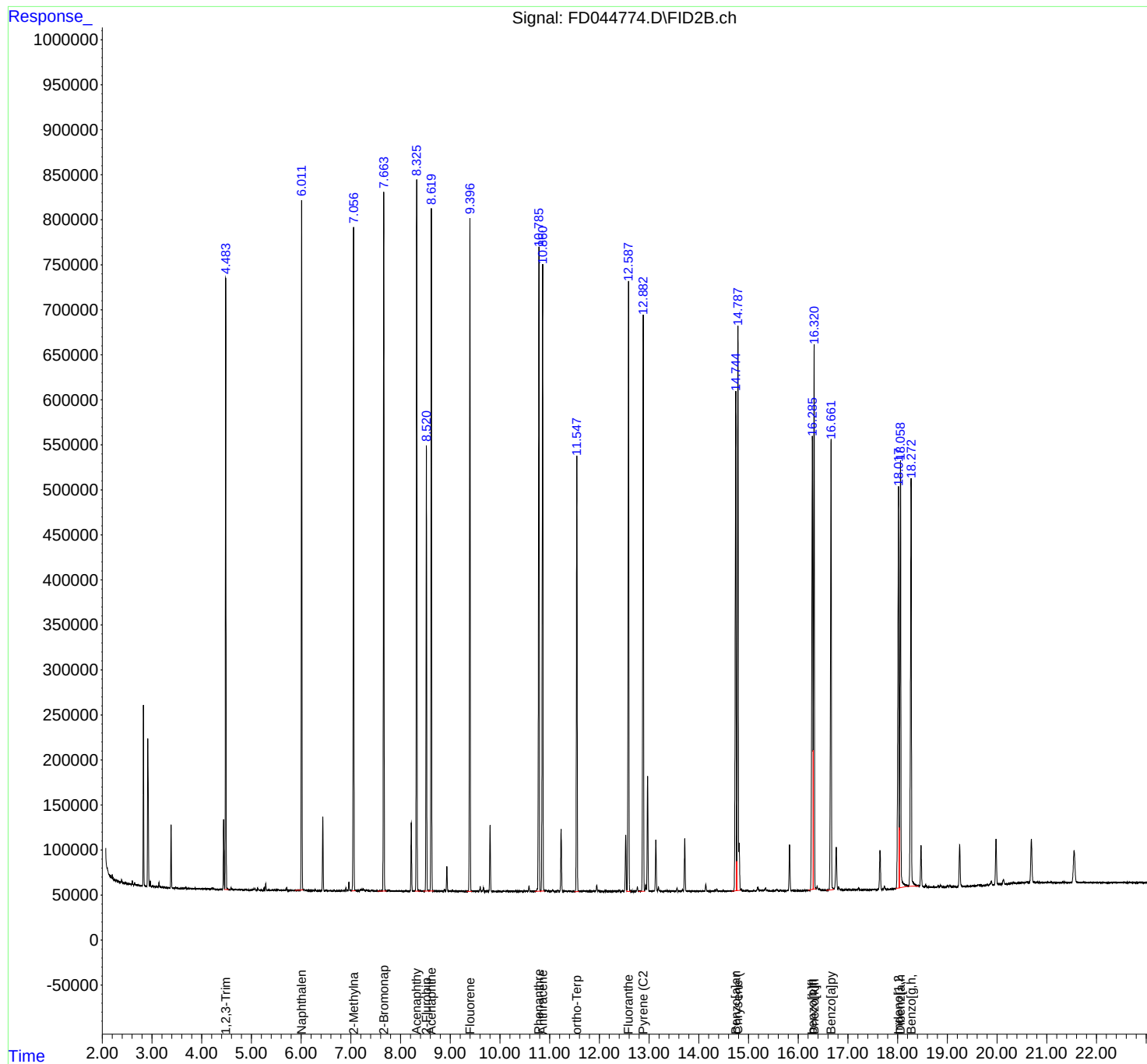
(m)=manual int.

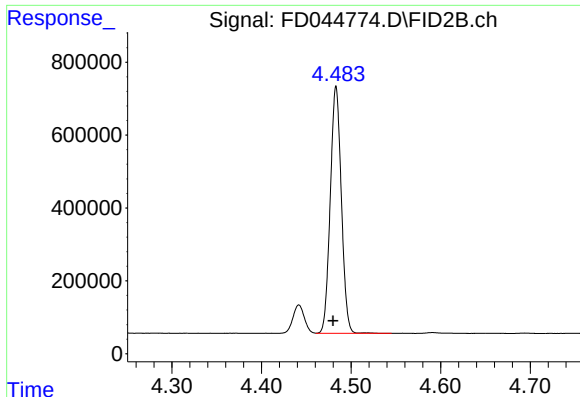
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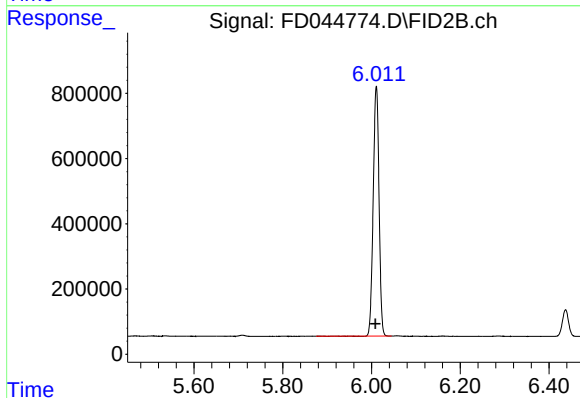




#1 1,2,3-Trimethylbenzene (C10.1)

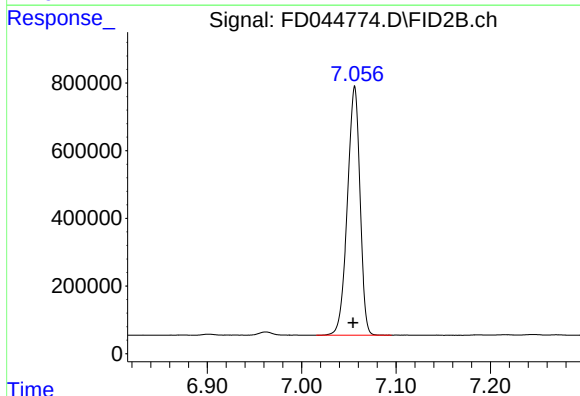
R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 5817342
Conc: 36.16 ug/ml

Instrument :
FID_D
ClientSampleId :
T-5MSD



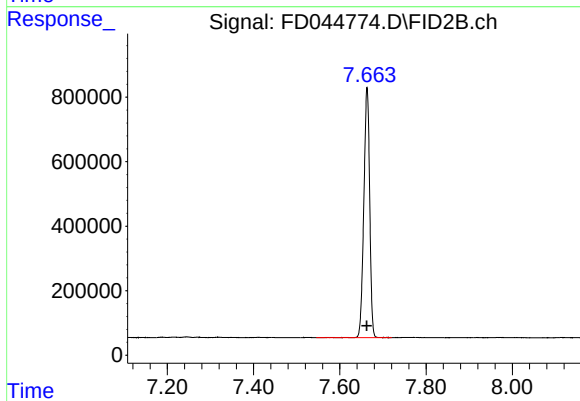
#2 Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 6961440
Conc: 41.48 ug/ml



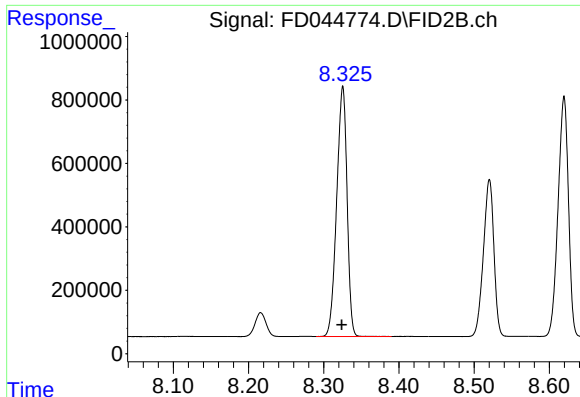
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 6848558
Conc: 40.73 ug/ml



#4 2-Bromonaphthalene (SURR)

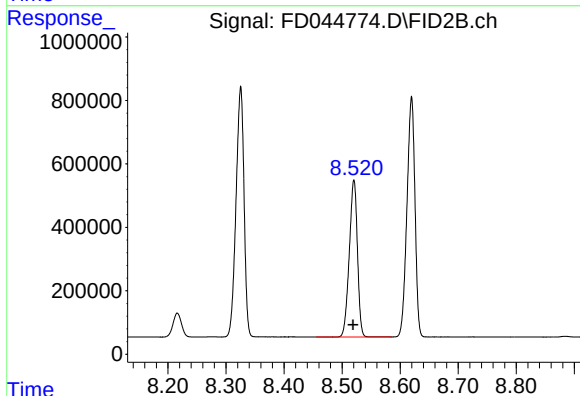
R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 7290505
Conc: 50.56 ug/ml



#5 Acenaphthylene (C15.06)

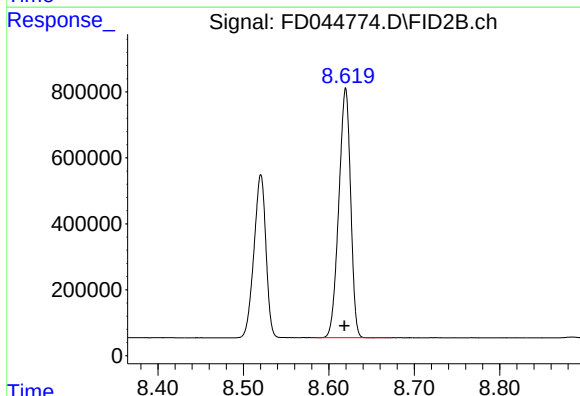
R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 7555464
Conc: 49.81 ug/ml

Instrument :
FID_D
ClientSampleId :
T-5MSD



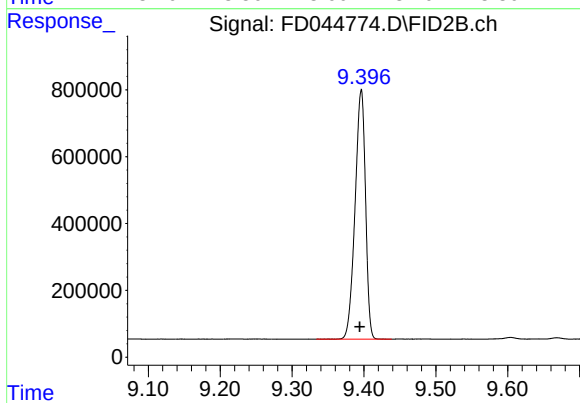
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.520 min
Delta R.T.: 0.001 min
Response: 4806594
Conc: 49.52 ug/ml



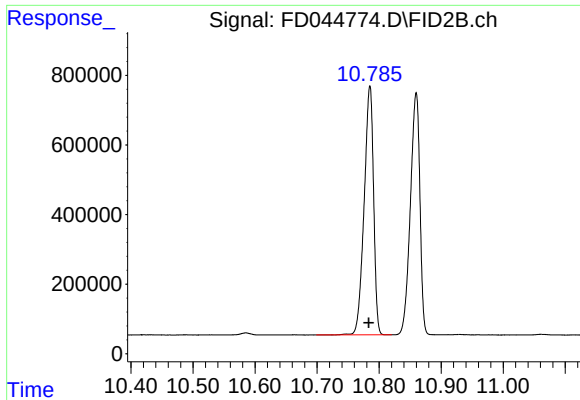
#7 Acenaphthene (C15.5)

R.T.: 8.619 min
Delta R.T.: 0.001 min
Response: 7256554
Conc: 44.76 ug/ml



#8 Fluorene (C16.55)

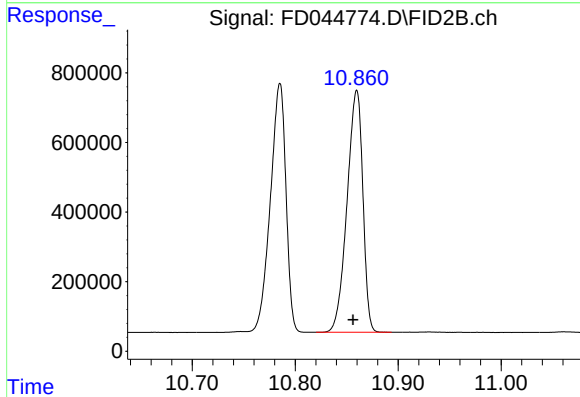
R.T.: 9.396 min
Delta R.T.: 0.002 min
Response: 7511794
Conc: 47.13 ug/ml



#9 Phenanthrene (C19.36)

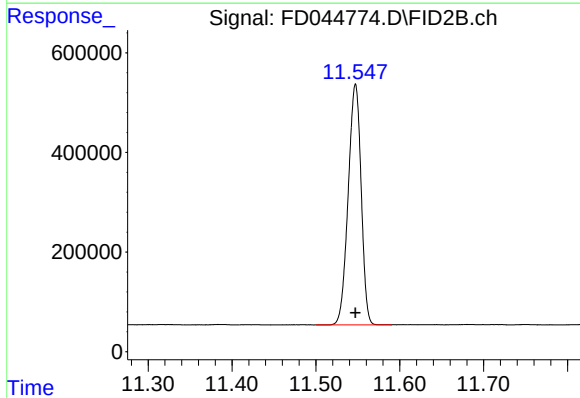
R.T.: 10.785 min
Delta R.T.: 0.002 min
Response: 7569703
Conc: 48.23 ug/ml

Instrument :
FID_D
ClientSampleId :
T-5MSD



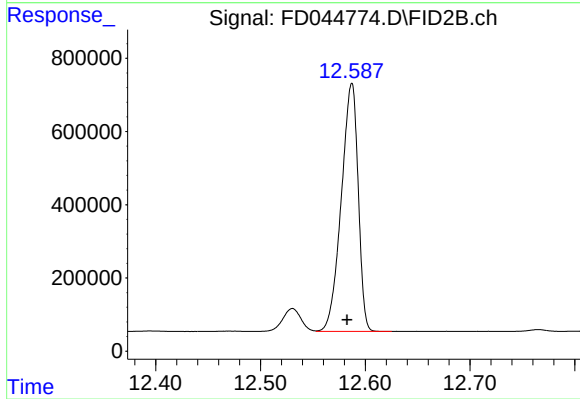
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: 0.003 min
Response: 7415622
Conc: 58.97 ug/ml



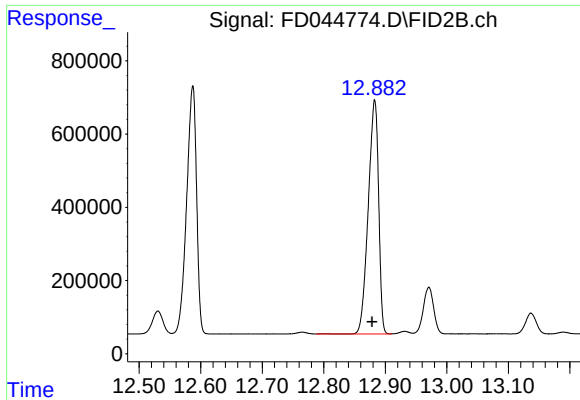
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 5173813
Conc: 28.72 ug/ml



#12 Fluoranthene (C21.85)

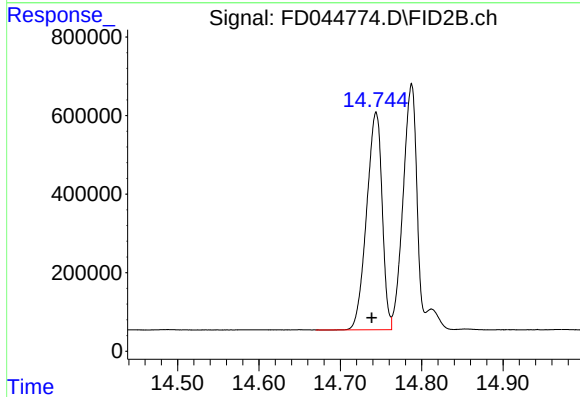
R.T.: 12.587 min
Delta R.T.: 0.004 min
Response: 7597426
Conc: 48.38 ug/ml



#13 Pyrene (C20.8)

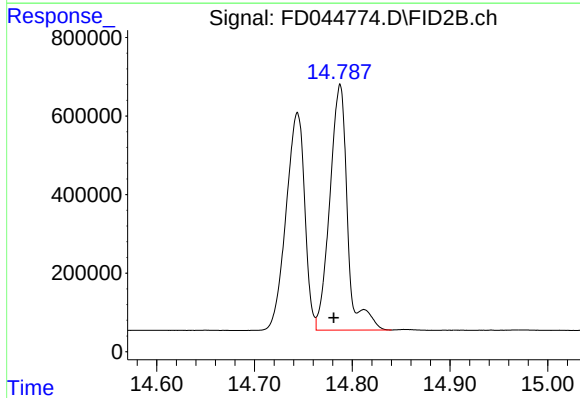
R.T.: 12.882 min
Delta R.T.: 0.004 min
Response: 7475720
Conc: 48.83 ug/ml

Instrument :
FID_D
ClientSampleId :
T-5MSD



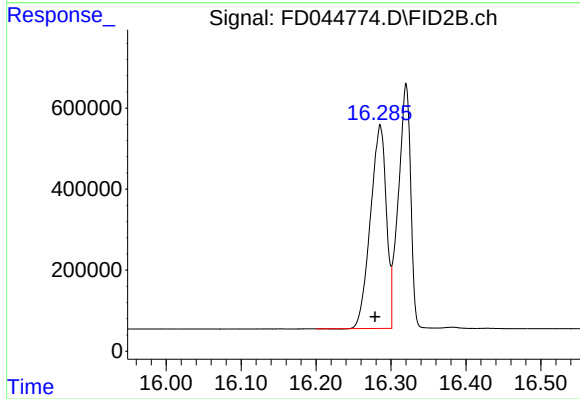
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: 0.005 min
Response: 7335220
Conc: 51.59 ug/ml



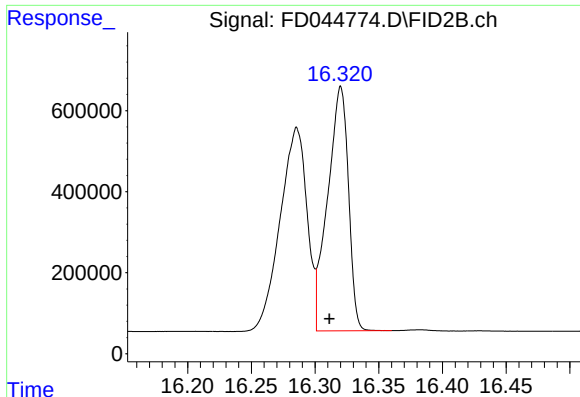
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: 0.006 min
Response: 7853766
Conc: 51.79 ug/ml



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

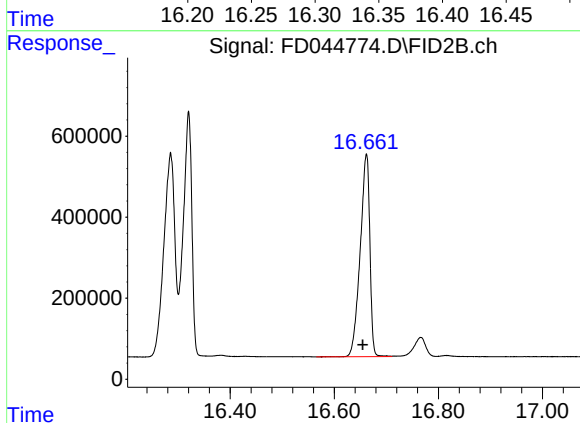
R.T.: 16.285 min
Delta R.T.: 0.006 min
Response: 7386988
Conc: 49.12 ug/ml



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

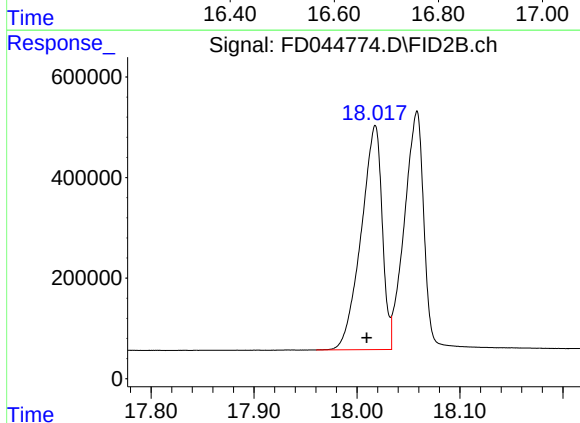
R.T.: 16.320 min
Delta R.T.: 0.009 min
Response: 6844291
Conc: 45.18 ug/ml

Instrument :
FID_D
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T-5MSD



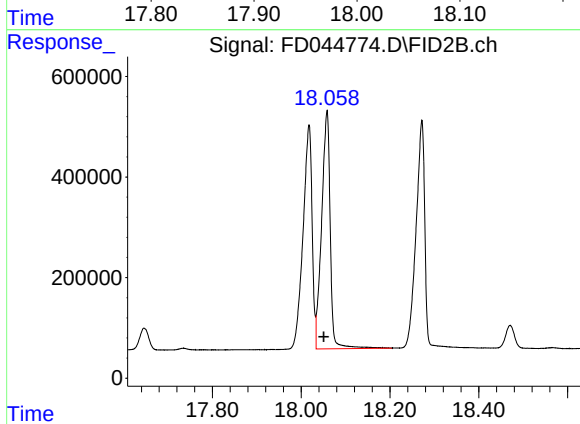
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.661 min
Delta R.T.: 0.006 min
Response: 6439947
Conc: 44.39 ug/ml



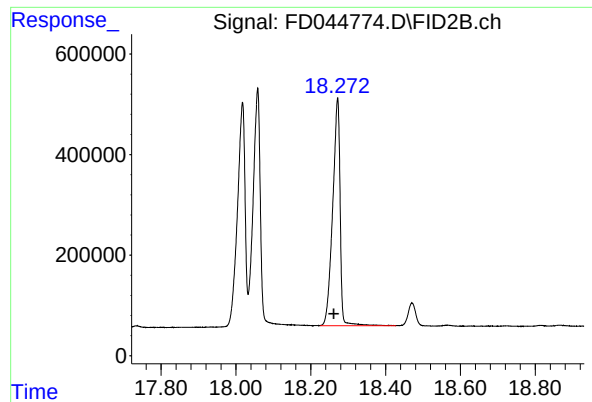
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.017 min
Delta R.T.: 0.008 min
Response: 6329916
Conc: 44.76 ug/ml



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

R.T.: 18.058 min
Delta R.T.: 0.007 min
Response: 6366578
Conc: 43.43 ug/ml



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

R.T.: 18.271 min
Delta R.T.: 0.009 min
Response: 6246383
Conc: 43.97 ug/ml

Instrument :
FID_D
ClientSampleId :
T-5MSD