

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040725AR\
 Data File : FD049232.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2025 16:15
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 08 05:15:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:14:19 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...	7.760	14424350	99.788 ug/ml
Spiked Amount 50.000		Recovery =	199.58%
6) S 2-Fluorobiphenyl (SURR)	8.629	10161811	101.365 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	202.73%#
11) S ortho-Terphenyl (SURR)	11.672	16886298	97.211 ug/ml
Spiked Amount 50.000		Recovery =	194.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.548	14124438	96.631 ug/ml
2) T Naphthalene (C11.7)	6.096	15715314	98.557 ug/ml
3) T 2-Methylnaphthalene (...)	7.152	15774709	99.963 ug/ml
5) T Acenaphthylene (C15.06)	8.433	17132621	99.235 ug/ml
7) T Acenaphthene (C15.5)	8.731	16770157	99.505 ug/ml
8) T Fluorene (C16.55)	9.513	17097823	99.833 ug/ml
9) T Phenanthrene (C19.36)	10.912	16719563	98.094 ug/ml
10) T Anthracene (C19.43)	10.988	15597317	99.819 ug/ml
12) T Fluoranthene (C21.85)	12.727	16159792	95.562 ug/ml
13) T Pyrene (C20.8)	13.027	16001661	95.634 ug/ml
14) T Benzo[a]anthracene (C...	14.895	14068121	97.457 ug/ml
15) T Chrysene (C27.41)	14.944	13989681	96.583 ug/ml
16) T benzo[b]fluoranthene ...	16.448	13370032	96.181 ug/ml
17) T Bnezo[k]fluoranthene ...	16.448	13370032	97.499 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.830	12545484	96.612 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.196	12244453	100.460 ug/ml
20) T Dibenz[a,h]anthracene...	18.196	12244453	96.505 ug/ml
21) T Benzo[g,h,i]perylene ...	18.458	12528889	96.335 ug/ml

(f)=RT Delta > 1/2 Window

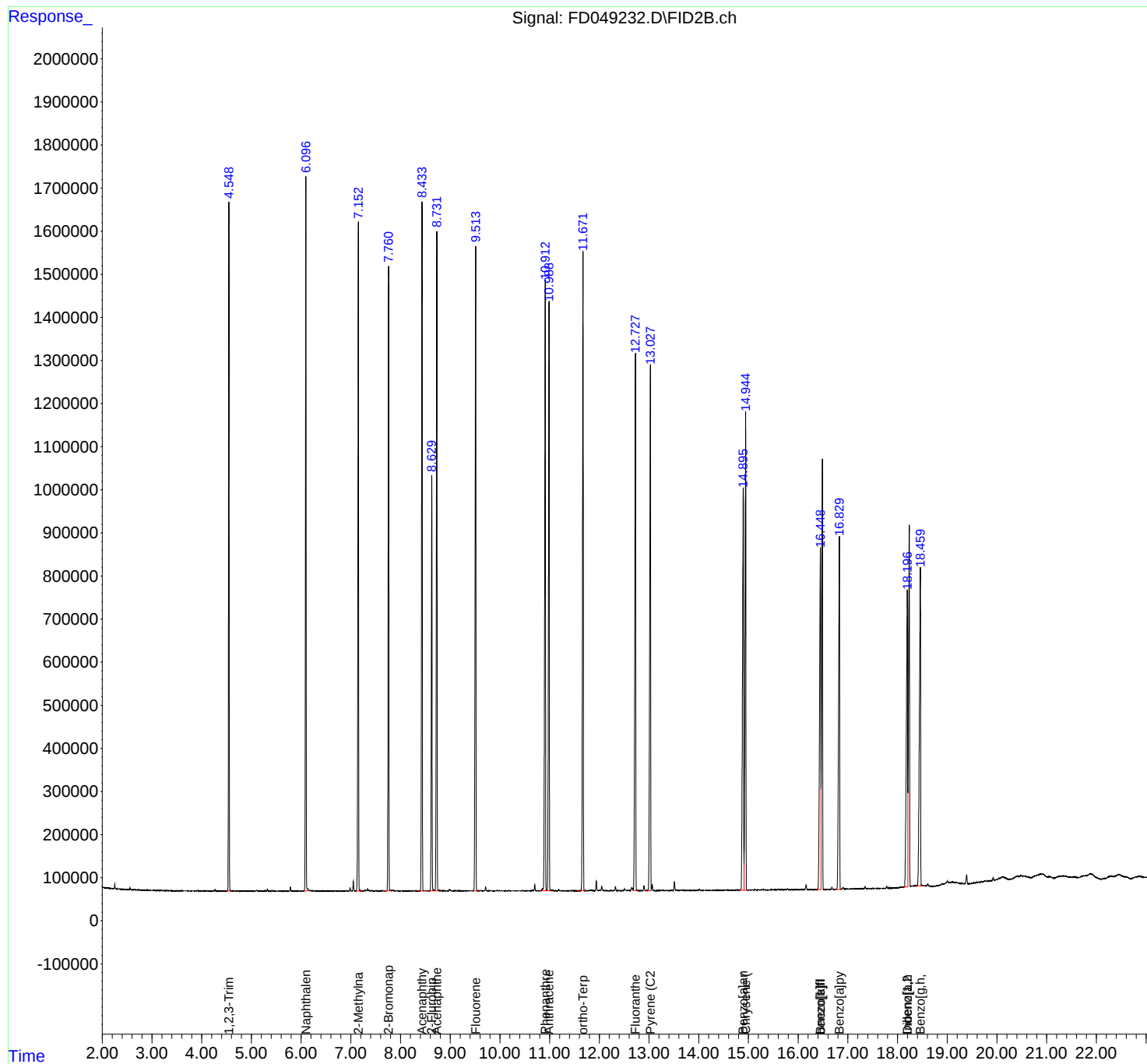
(m)=manual int.

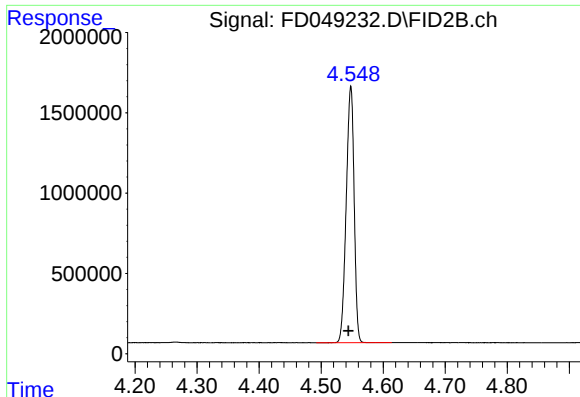
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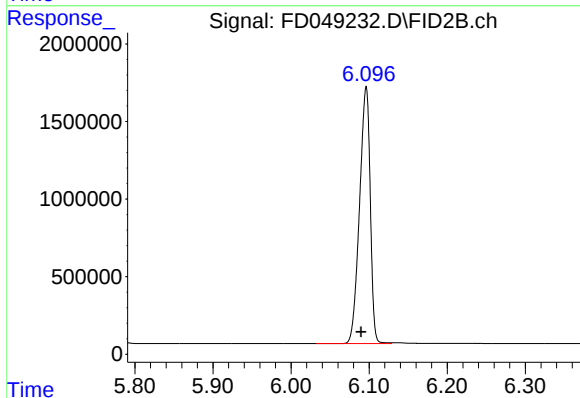




#1 1,2,3-Trimethylbenzene (C10.1)

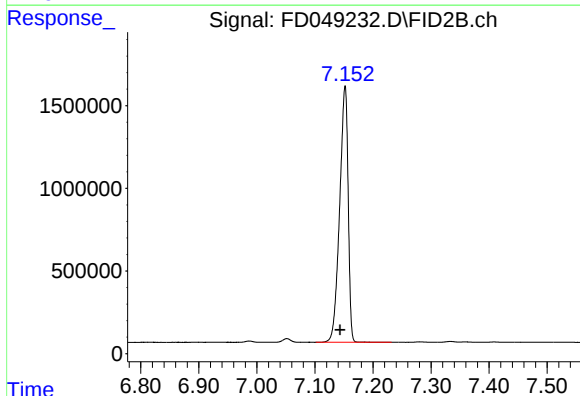
R.T.: 4.548 min
Delta R.T.: 0.004 min
Response: 14124438
Conc: 96.63 ug/ml

Instrument :
FID_D
ClientSampleId :



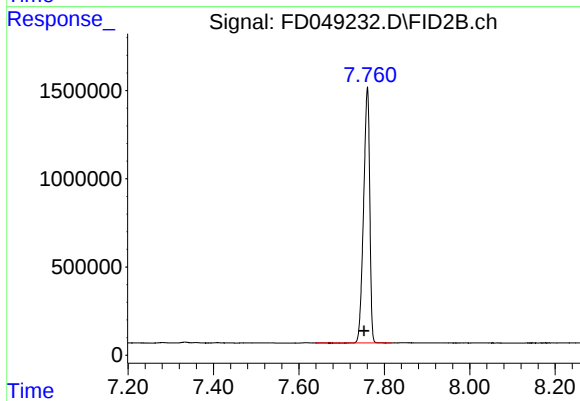
#2 Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: 0.006 min
Response: 15715314
Conc: 98.56 ug/ml



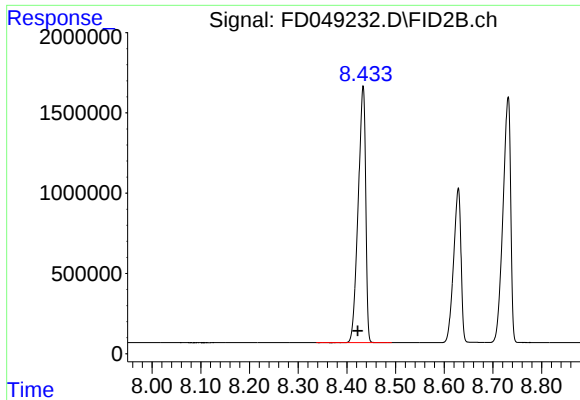
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.152 min
Delta R.T.: 0.009 min
Response: 15774709
Conc: 99.96 ug/ml



#4 2-Bromonaphthalene (SURR)

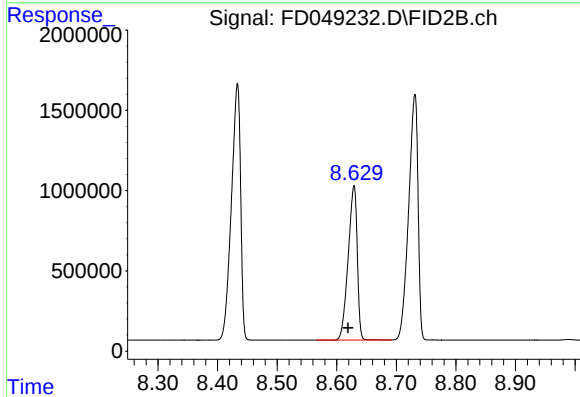
R.T.: 7.760 min
Delta R.T.: 0.008 min
Response: 14424350
Conc: 99.79 ug/ml



#5 Acenaphthylene (C15.06)

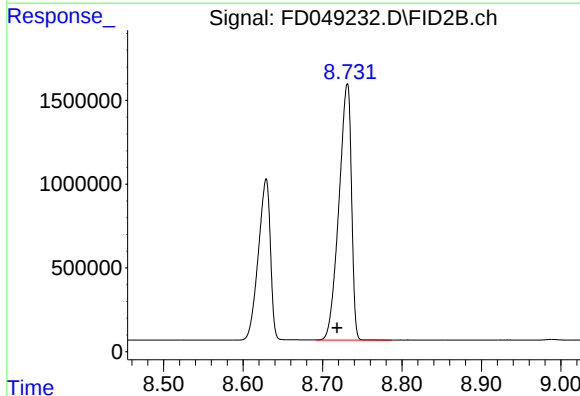
R.T.: 8.433 min
Delta R.T.: 0.011 min
Response: 17132621
Conc: 99.24 ug/ml

Instrument :
FID_D
ClientSampleId :



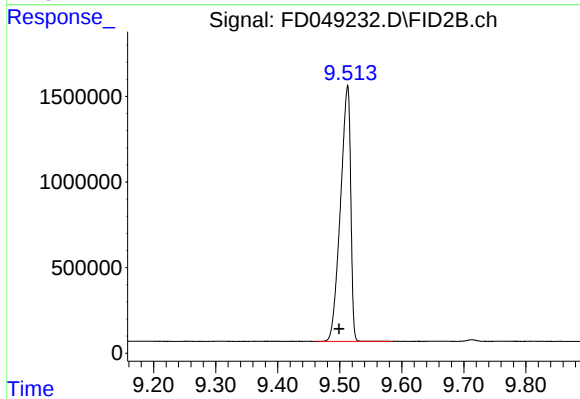
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.629 min
Delta R.T.: 0.010 min
Response: 10161811
Conc: 101.36 ug/ml



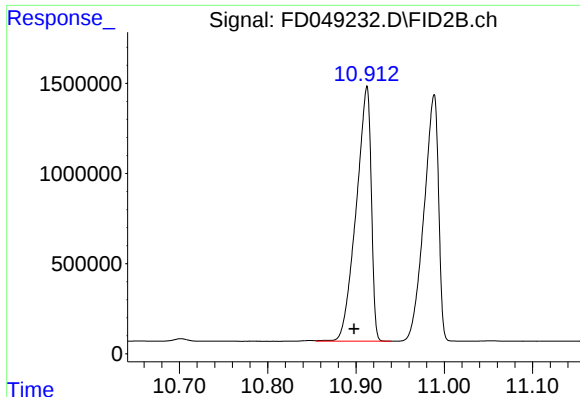
#7 Acenaphthene (C15.5)

R.T.: 8.731 min
Delta R.T.: 0.013 min
Response: 16770157
Conc: 99.51 ug/ml



#8 Flouorene (C16.55)

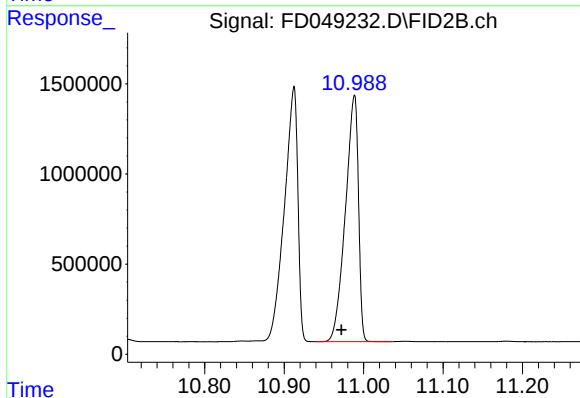
R.T.: 9.513 min
Delta R.T.: 0.013 min
Response: 17097823
Conc: 99.83 ug/ml



#9 Phenanthrene (C19.36)

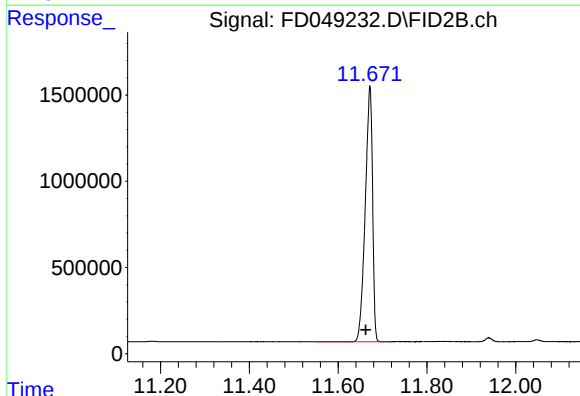
R.T.: 10.912 min
Delta R.T.: 0.014 min
Response: 16719563
Conc: 98.09 ug/ml

Instrument :
FID_D
ClientSampleId :



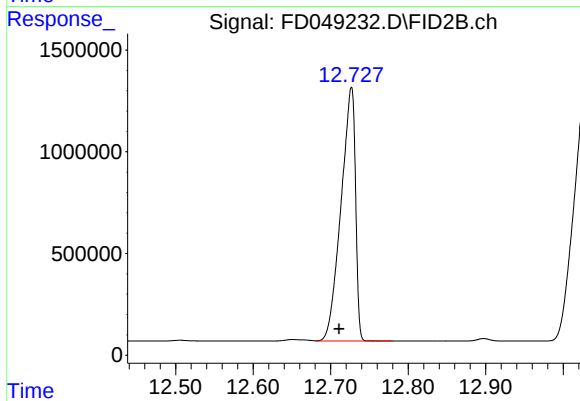
#10 Anthracene (C19.43)

R.T.: 10.988 min
Delta R.T.: 0.016 min
Response: 15597317
Conc: 99.82 ug/ml



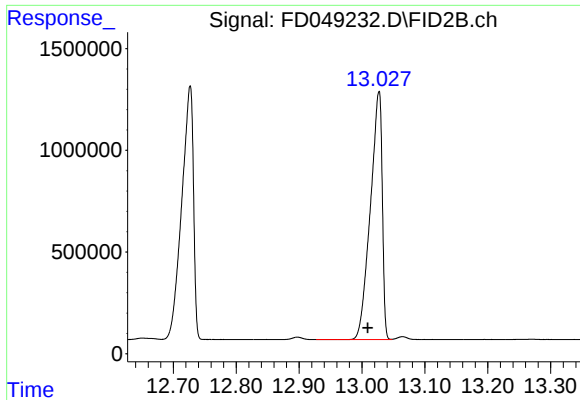
#11 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: 0.010 min
Response: 16886298
Conc: 97.21 ug/ml



#12 Fluoranthene (C21.85)

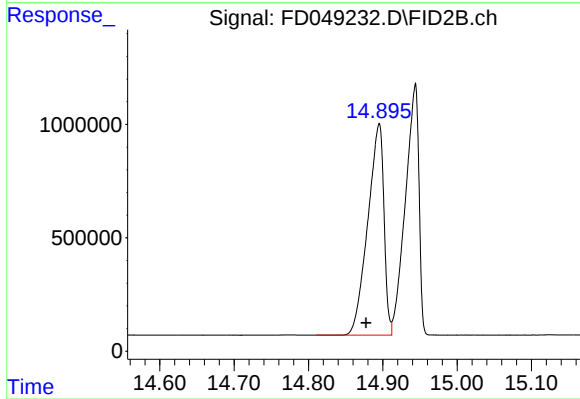
R.T.: 12.727 min
Delta R.T.: 0.016 min
Response: 16159792
Conc: 95.56 ug/ml



#13 Pyrene (C20.8)

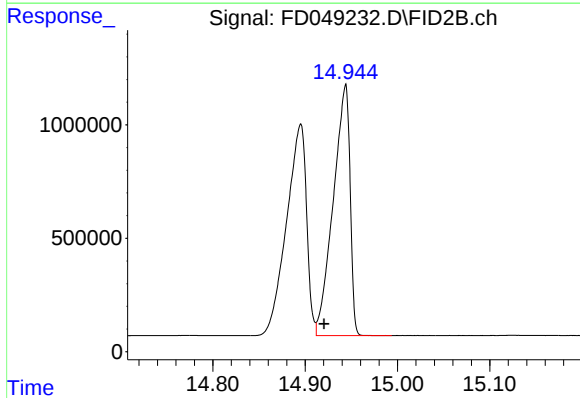
R.T.: 13.027 min
Delta R.T.: 0.018 min
Response: 16001661
Conc: 95.63 ug/ml

Instrument :
FID_D
ClientSampleId :



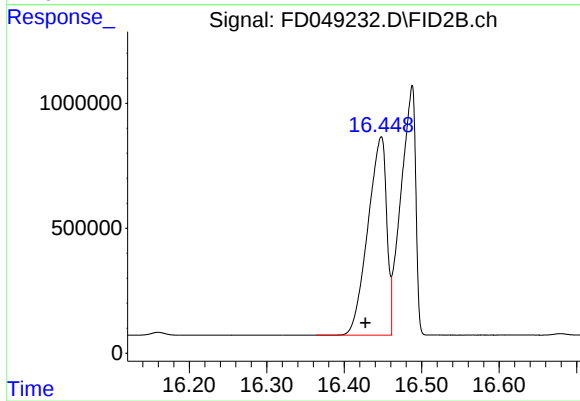
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.895 min
Delta R.T.: 0.017 min
Response: 14068121
Conc: 97.46 ug/ml



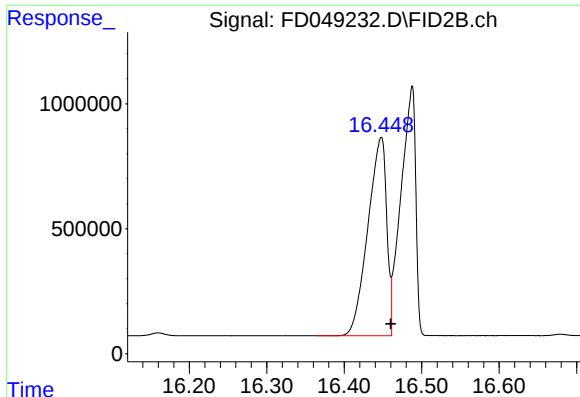
#15 Chrysene (C27.41)

R.T.: 14.944 min
Delta R.T.: 0.023 min
Response: 13989681
Conc: 96.58 ug/ml



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

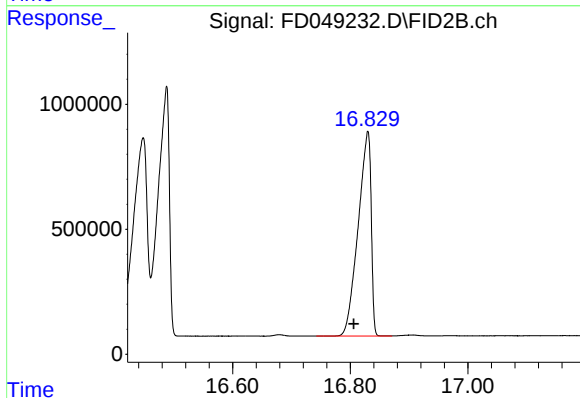
R.T.: 16.448 min
Delta R.T.: 0.020 min
Response: 13370032
Conc: 96.18 ug/ml



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

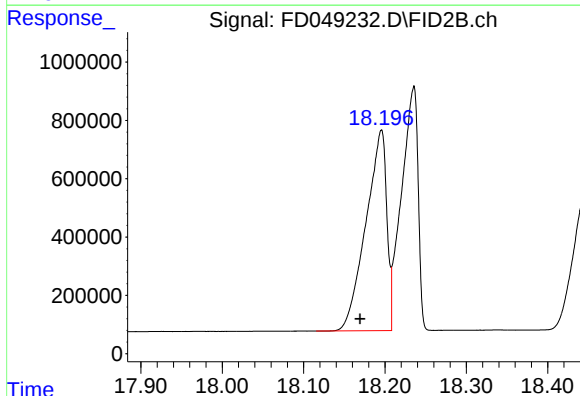
R.T.: 16.448 min
Delta R.T.: -0.012 min
Response: 13370032
Conc: 97.50 ug/ml

Instrument :
FID_D
ClientSampleId :



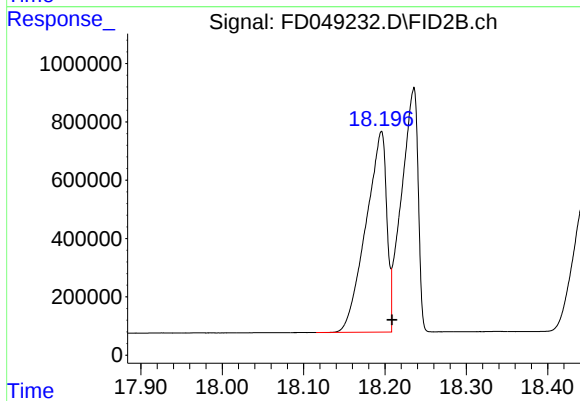
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.830 min
Delta R.T.: 0.024 min
Response: 12545484
Conc: 96.61 ug/ml



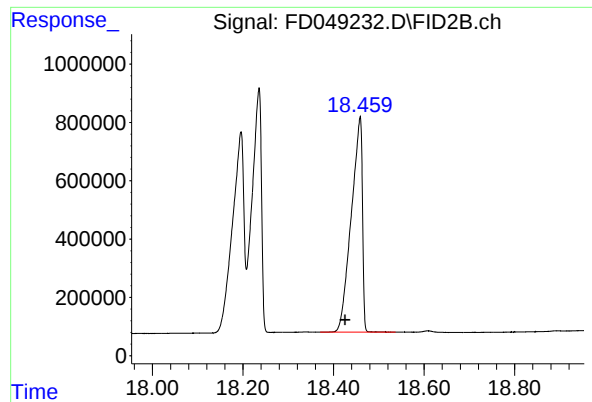
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.196 min
Delta R.T.: 0.026 min
Response: 12244453
Conc: 100.46 ug/ml



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

R.T.: 18.196 min
Delta R.T.: -0.013 min
Response: 12244453
Conc: 96.51 ug/ml



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

R.T.: 18.458 min
Delta R.T.: 0.033 min
Response: 12528889
Conc: 96.33 ug/ml

Instrument :
FID_D
ClientSampleId :