

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049795.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 12:26
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 02 17:49:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:49:01 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...	7.695	647815	5.452 ug/ml
Spiked Amount 50.000		Recovery =	10.90%
6) S 2-Fluorobiphenyl (SURR)	8.559	460004	5.418 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.84%
11) S ortho-Terphenyl (SURR)	11.605	832449	5.576 ug/ml
Spiked Amount 50.000		Recovery =	11.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.490	631885	5.560 ug/ml
2) T Naphthalene (C11.7)	6.031	717794	5.440 ug/ml
3) T 2-Methylnaphthalene (...)	7.084	758806	5.484 ug/ml
5) T Acenaphthylene (C15.06)	8.362	808838	5.536 ug/ml
7) T Acenaphthene (C15.5)	8.657	799705	5.492 ug/ml
8) T Flouorene (C16.55)	9.438	800622	5.482 ug/ml
9) T Phenanthrene (C19.36)	10.836	792782	5.423 ug/ml
10) T Anthracene (C19.43)	10.910	742335	5.463 ug/ml
12) T Fluoranthene (C21.85)	12.649	775923	5.446 ug/ml
13) T Pyrene (C20.8)	12.946	760412	5.409 ug/ml
14) T Benzo[a]anthracene (C...	14.817	679446	5.402 ug/ml
15) T Chrysene (C27.41)	14.858	700625	5.454 ug/ml
16) T benzo[b]fluoranthene ...	16.366	686760	5.513 ug/ml
17) T Bnezo[k]fluoranthene ...	16.397	658709	5.608 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.744	676758	5.577 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.107	612429	5.447 ug/ml
20) T Dibenz[a,h]anthracene...	18.149	746709	6.108 ug/ml
21) T Benzo[g,h,i]perylene ...	18.360	670210	5.604 ug/ml

(f)=RT Delta > 1/2 Window

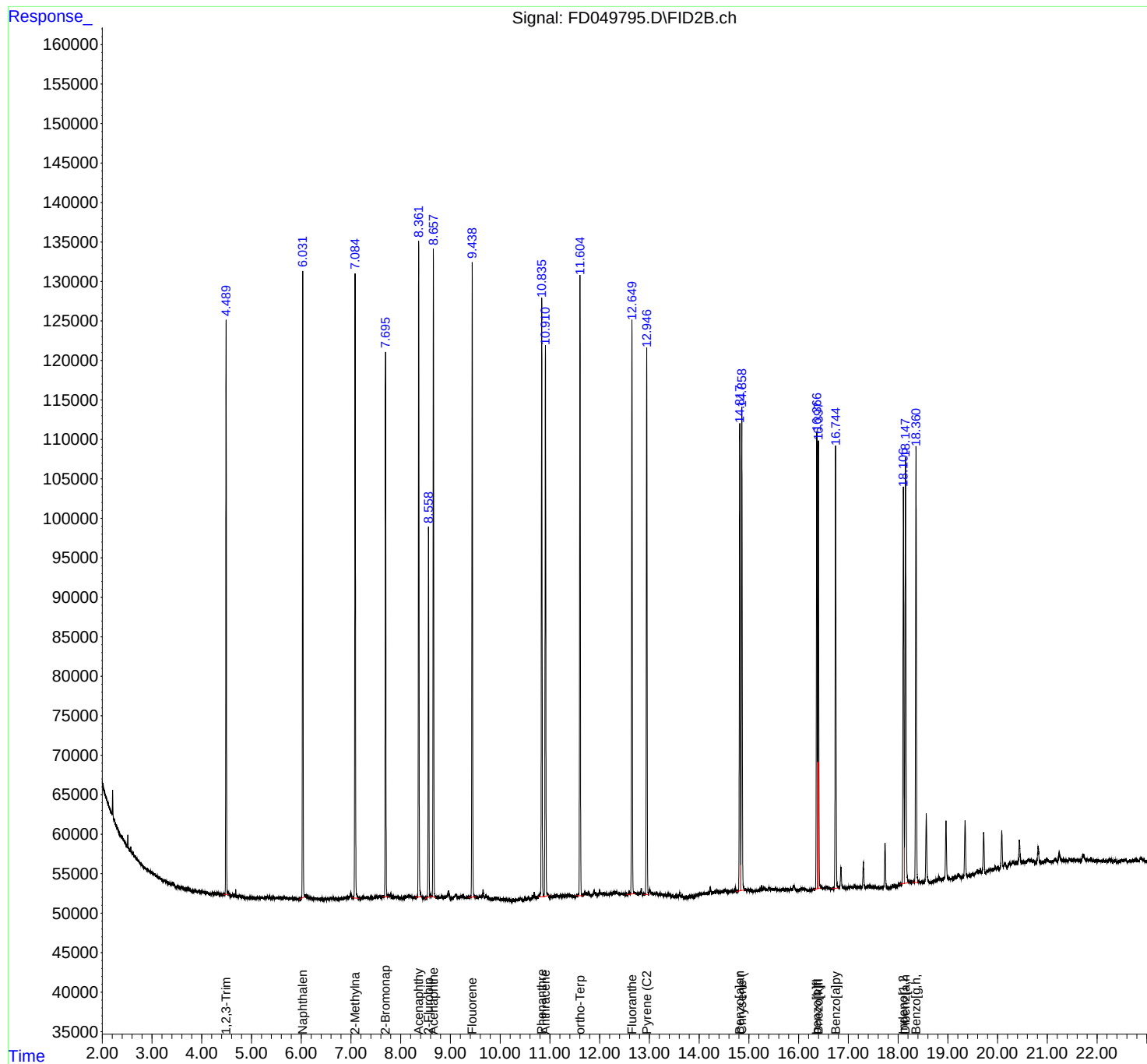
(m)=manual int.

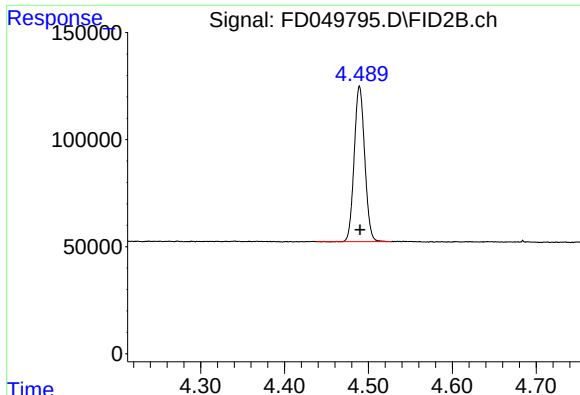
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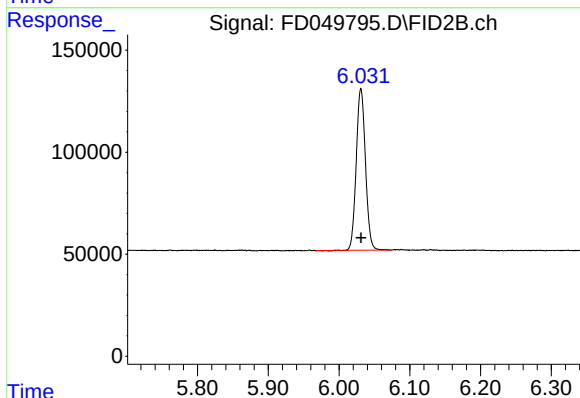




#1 1,2,3-Trimethylbenzene (C10.1)

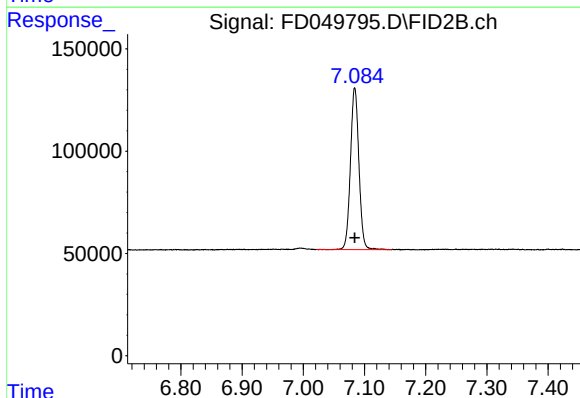
R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 631885
Conc: 5.56 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



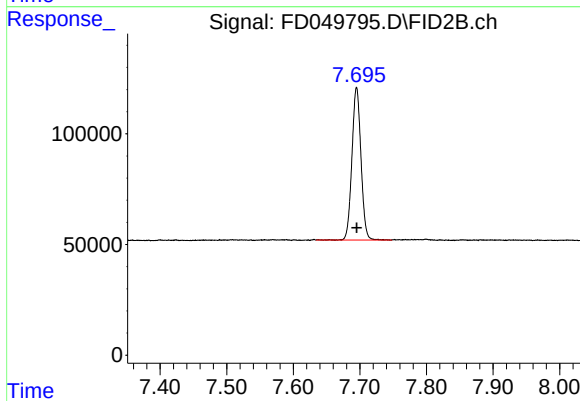
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 717794
Conc: 5.44 ug/ml



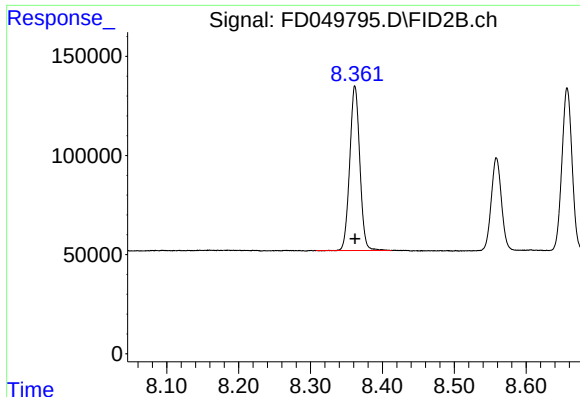
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 758806
Conc: 5.48 ug/ml



#4 2-Bromonaphthalene (SURR)

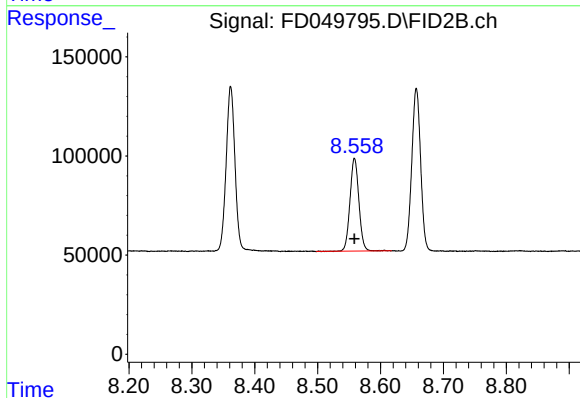
R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 647815
Conc: 5.45 ug/ml



#5 Acenaphthylene (C15.06)

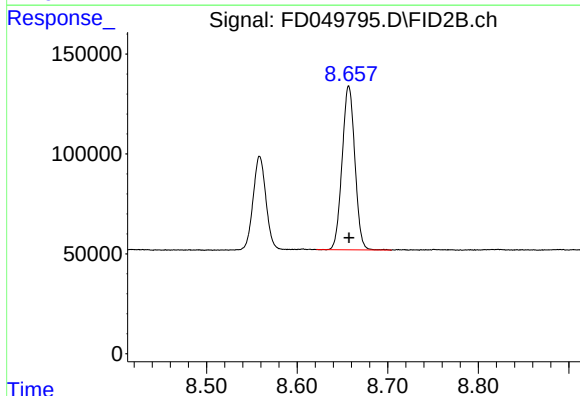
R.T.: 8.362 min
Delta R.T.: 0.000 min
Response: 808838
Conc: 5.54 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



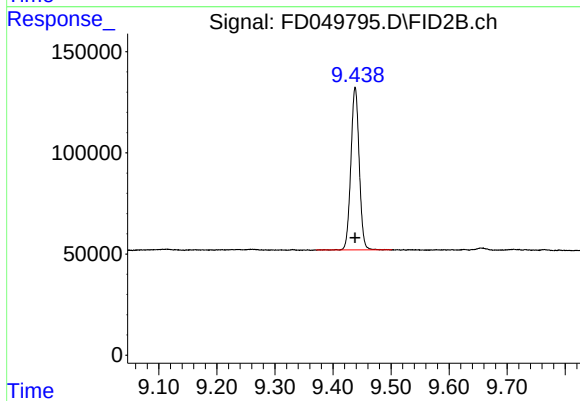
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 460004
Conc: 5.42 ug/ml



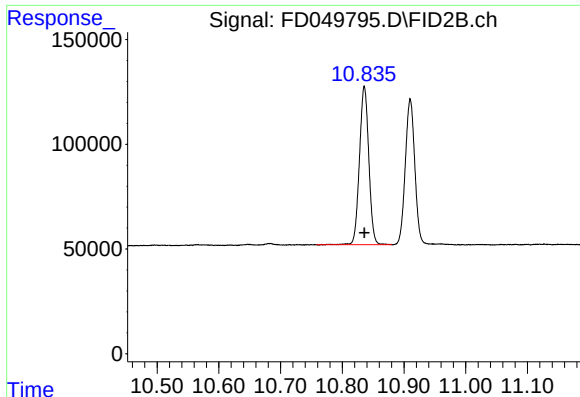
#7 Acenaphthene (C15.5)

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 799705
Conc: 5.49 ug/ml



#8 Fluorene (C16.55)

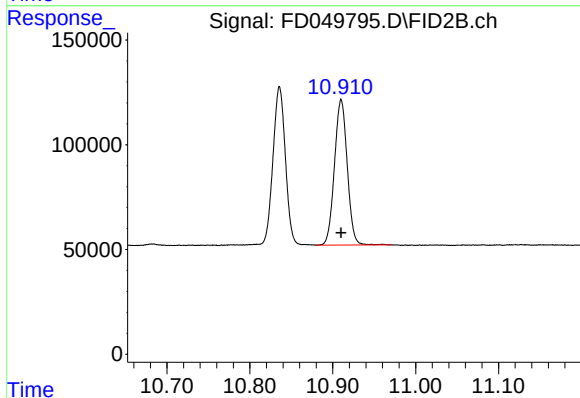
R.T.: 9.438 min
Delta R.T.: 0.000 min
Response: 800622
Conc: 5.48 ug/ml



#9 Phenanthrene (C19.36)

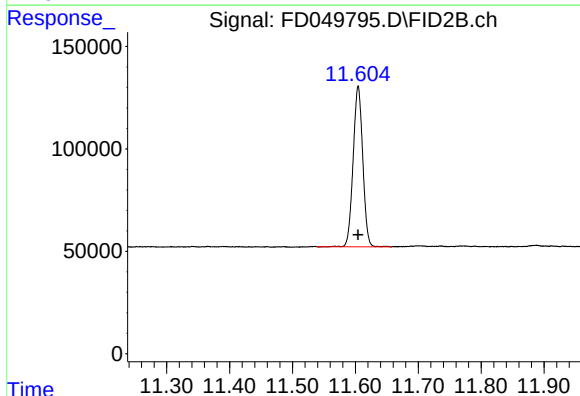
R.T.: 10.836 min
Delta R.T.: 0.000 min
Response: 792782
Conc: 5.42 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



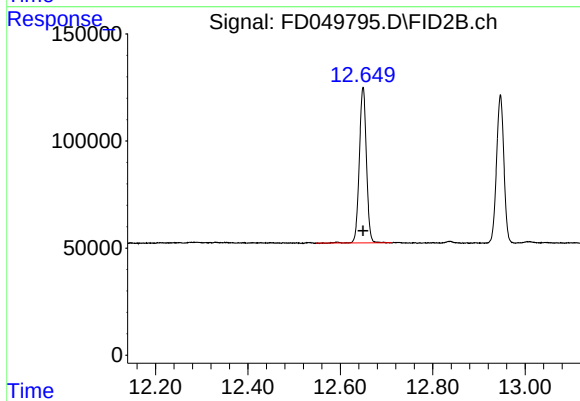
#10 Anthracene (C19.43)

R.T.: 10.910 min
Delta R.T.: 0.000 min
Response: 742335
Conc: 5.46 ug/ml



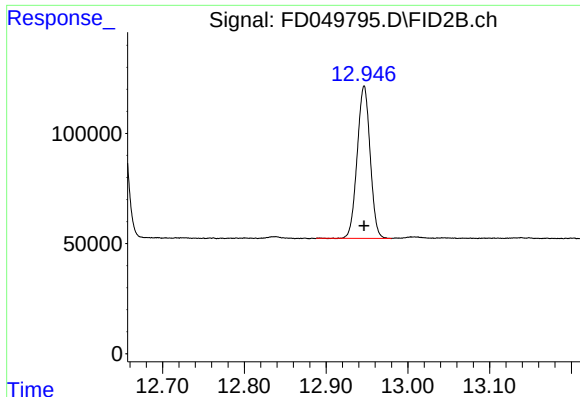
#11 ortho-Terphenyl (SURR)

R.T.: 11.605 min
Delta R.T.: 0.000 min
Response: 832449
Conc: 5.58 ug/ml



#12 Fluoranthene (C21.85)

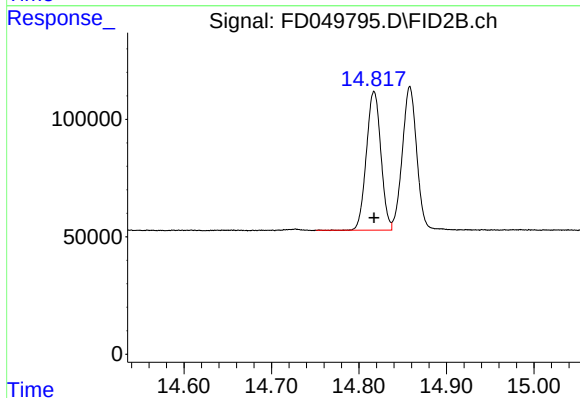
R.T.: 12.649 min
Delta R.T.: 0.000 min
Response: 775923
Conc: 5.45 ug/ml



#13 Pyrene (C20.8)

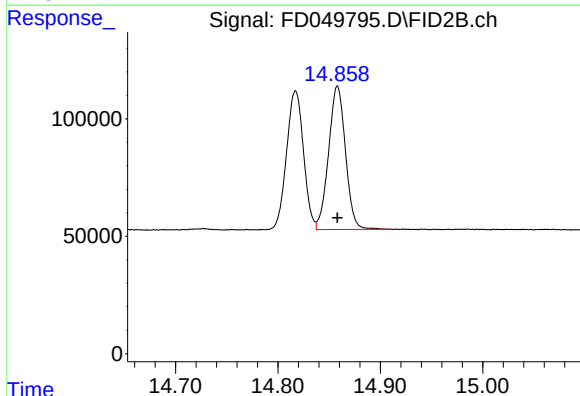
R.T.: 12.946 min
Delta R.T.: 0.000 min
Response: 760412
Conc: 5.41 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



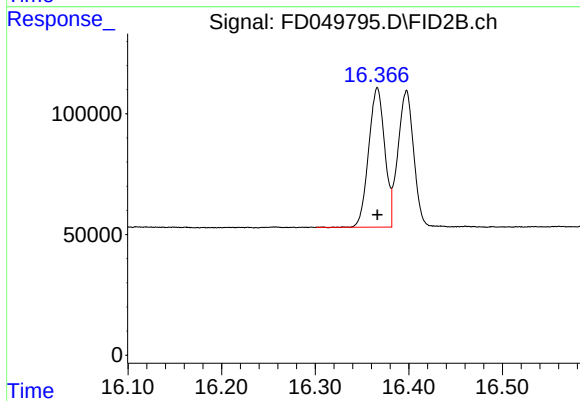
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.817 min
Delta R.T.: 0.000 min
Response: 679446
Conc: 5.40 ug/ml



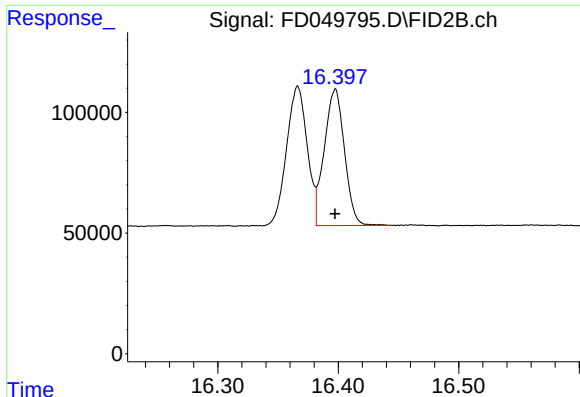
#15 Chrysene (C27.41)

R.T.: 14.858 min
Delta R.T.: 0.000 min
Response: 700625
Conc: 5.45 ug/ml



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

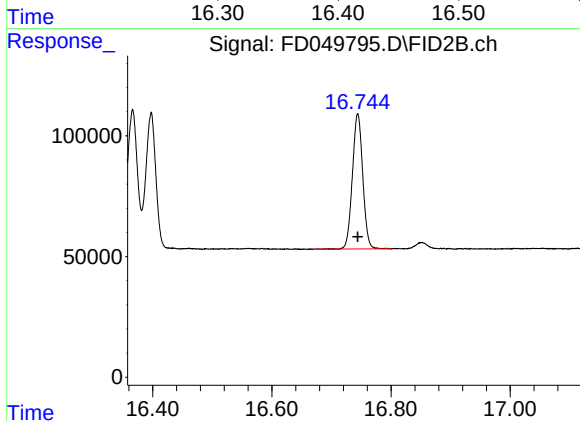
R.T.: 16.366 min
Delta R.T.: 0.000 min
Response: 686760
Conc: 5.51 ug/ml



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

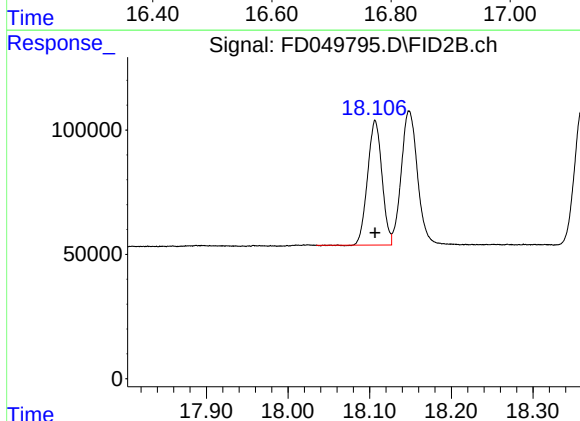
R.T.: 16.397 min
Delta R.T.: 0.000 min
Response: 658709
Conc: 5.61 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



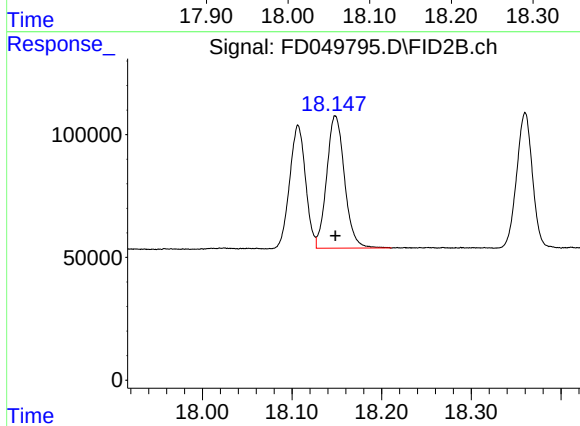
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.744 min
Delta R.T.: 0.000 min
Response: 676758
Conc: 5.58 ug/ml



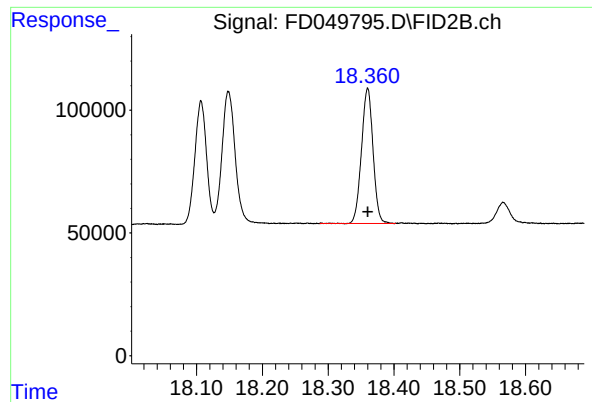
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.107 min
Delta R.T.: 0.000 min
Response: 612429
Conc: 5.45 ug/ml



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

R.T.: 18.149 min
Delta R.T.: 0.000 min
Response: 746709
Conc: 6.11 ug/ml



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

R.T.: 18.360 min
Delta R.T.: 0.000 min
Response: 670210
Conc: 5.60 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5