

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052025AR\
 Data File : FD049361.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2025 23:13
 Operator : YP/AJ
 Sample : PB168080BSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168080BSD

Integration File: sample.E
 Quant Time: May 21 03:17:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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

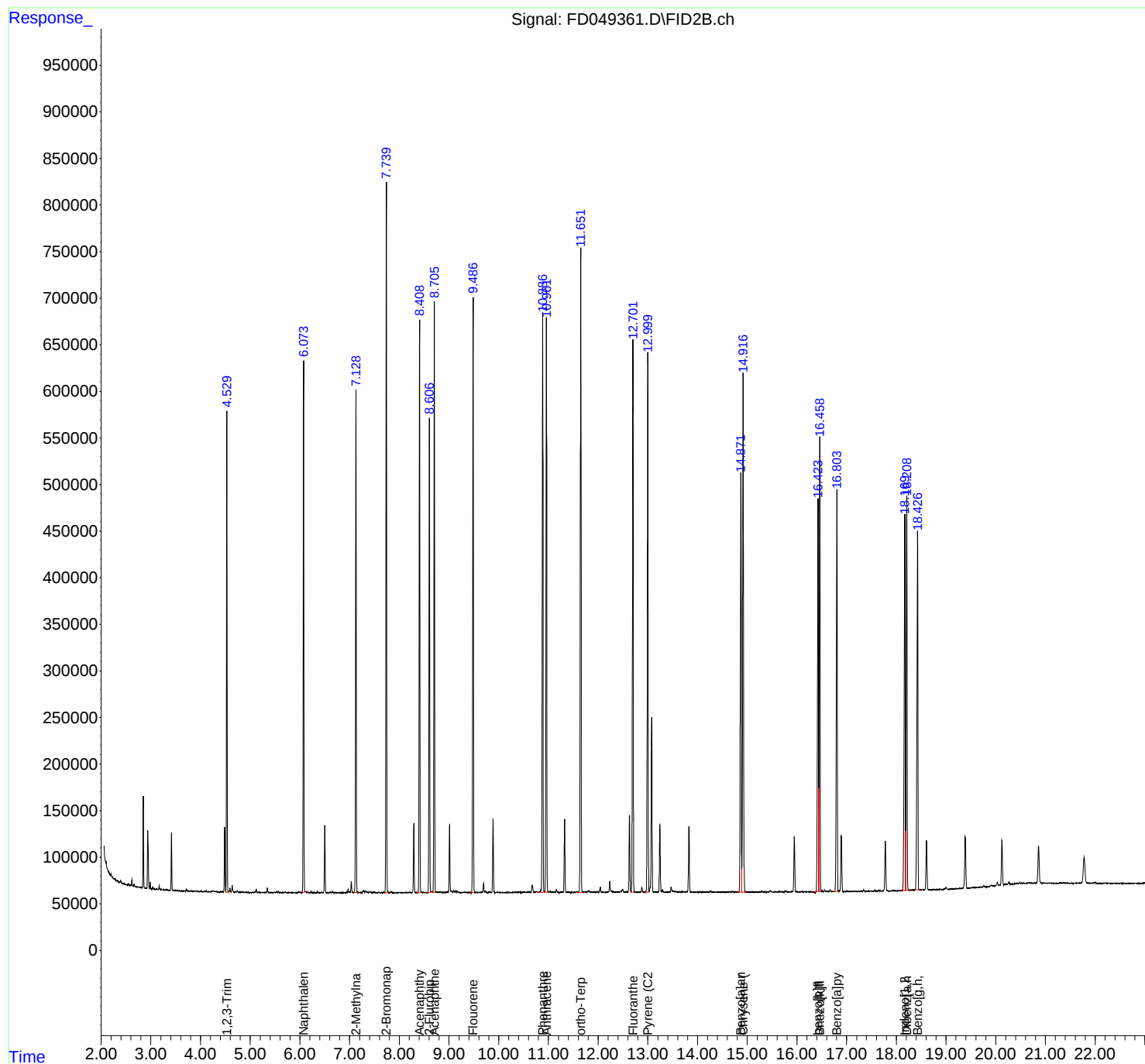
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.740	7236314	61.030 ug/ml
Spiked Amount 50.000		Recovery =	122.06%
6) S 2-Fluorobiphenyl (SURR)	8.606	5031827	63.716 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.43%
11) S ortho-Terphenyl (SURR)	11.651	7580451	54.923 ug/ml
Spiked Amount 50.000		Recovery =	109.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	4359992	34.920 ug/ml
2) T Naphthalene (C11.7)	6.074	5142678	38.899 ug/ml
3) T 2-Methylnaphthalene (...)	7.128	5069521	39.298 ug/ml
5) T Acenaphthylene (C15.06)	8.408	5999170	42.497 ug/ml
7) T Acenaphthene (C15.5)	8.705	6087232	44.428 ug/ml
8) T Fluorene (C16.55)	9.486	6450548	47.390 ug/ml
9) T Phenanthrene (C19.36)	10.886	6639492	49.246 ug/ml
10) T Anthracene (C19.43)	10.961	6489920	54.874 ug/ml
12) T Fluoranthene (C21.85)	12.701	6603637	49.001 ug/ml
13) T Pyrene (C20.8)	12.999	6533488	48.298 ug/ml
14) T Benzo[a]anthracene (C...	14.871	5960298	52.035 ug/ml
15) T Chrysene (C27.41)	14.916	6740833	57.755 ug/ml
16) T benzo[b]fluoranthene ...	16.423	5700698	46.963 ug/ml
17) T Bnezo[k]fluoranthene ...	16.458	5684205	47.661 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.803	5466111	47.538 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.170	5683553	51.790 ug/ml
20) T Dibenz[a,h]anthracene...	18.208	5345646	50.615 ug/ml
21) T Benzo[g,h,i]perylene ...	18.427	5287510	44.370 ug/ml

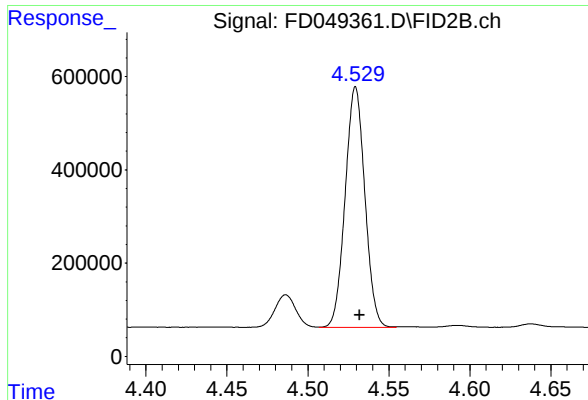
(f)=RT Delta > 1/2 Window

(m)=manual int.

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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

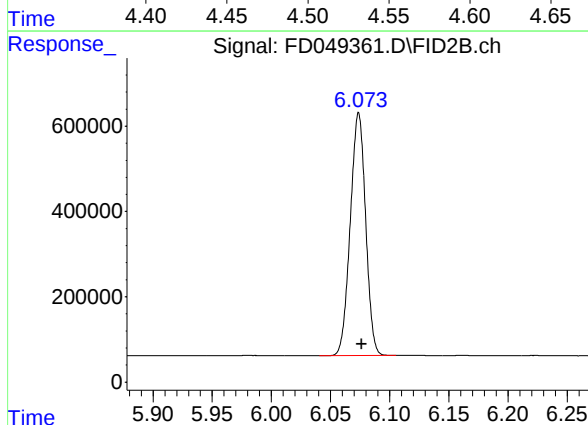




#1 1,2,3-Trimethylbenzene (C10.1)

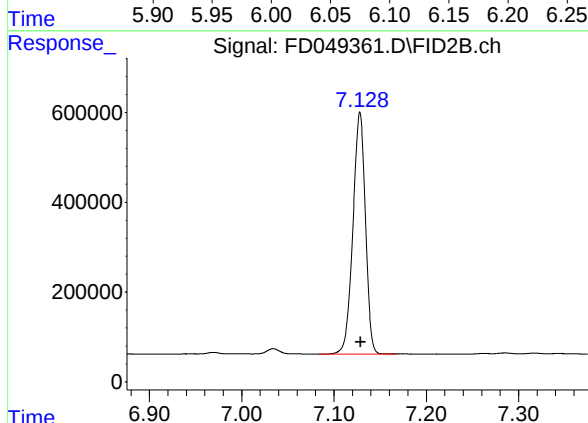
R.T.: 4.529 min
Delta R.T.: -0.003 min
Response: 4359992
Conc: 34.92 ug/ml

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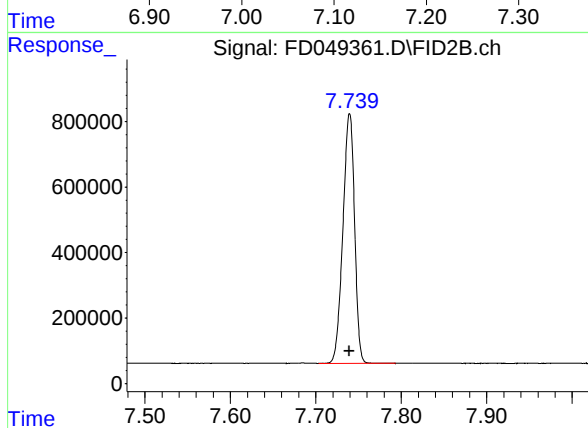
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 5142678
Conc: 38.90 ug/ml



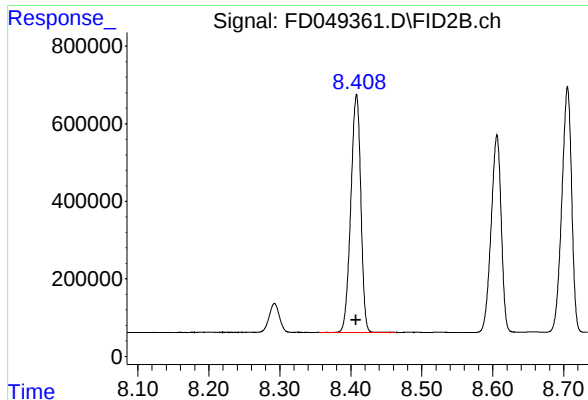
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 5069521
Conc: 39.30 ug/ml



#4 2-Bromonaphthalene (SURR)

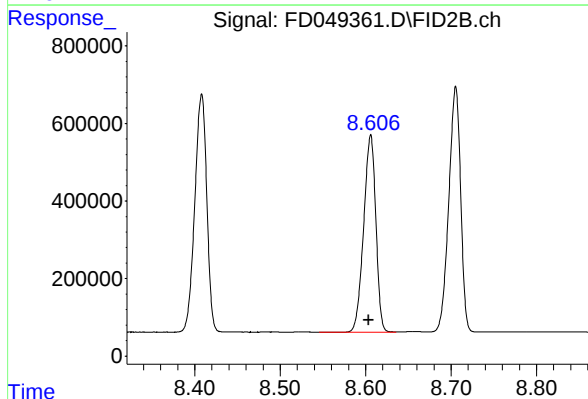
R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 7236314
Conc: 61.03 ug/ml



#5 Acenaphthylene (C15.06)

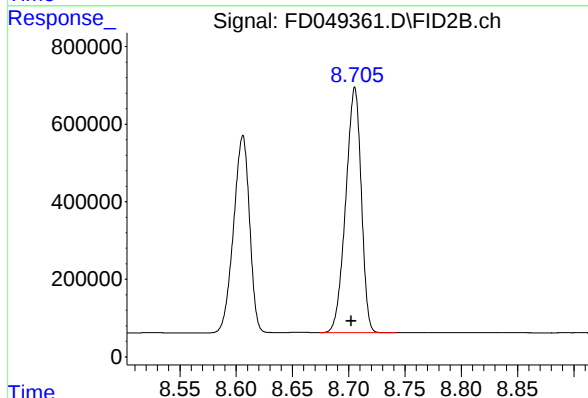
R.T.: 8.408 min
Delta R.T.: 0.001 min
Response: 5999170
Conc: 42.50 ug/ml

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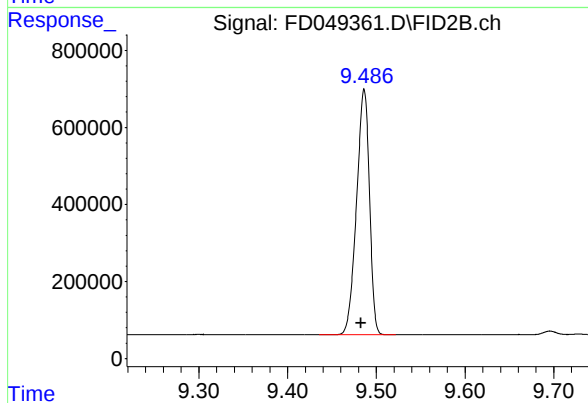
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.606 min
Delta R.T.: 0.002 min
Response: 5031827
Conc: 63.72 ug/ml



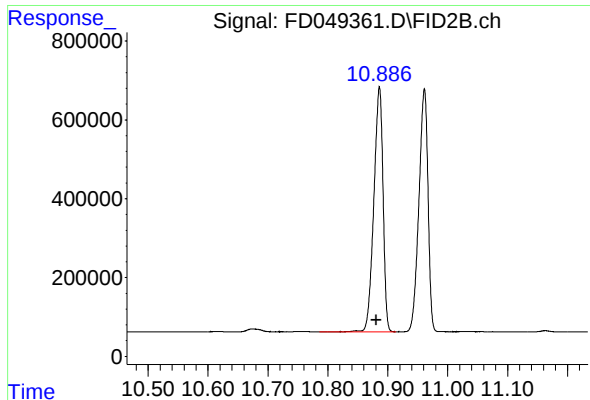
#7 Acenaphthene (C15.5)

R.T.: 8.705 min
Delta R.T.: 0.003 min
Response: 6087232
Conc: 44.43 ug/ml



#8 Flouorene (C16.55)

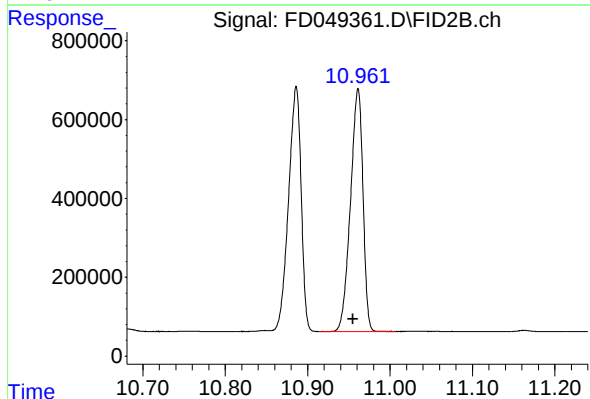
R.T.: 9.486 min
Delta R.T.: 0.004 min
Response: 6450548
Conc: 47.39 ug/ml



#9 Phenanthrene (C19.36)

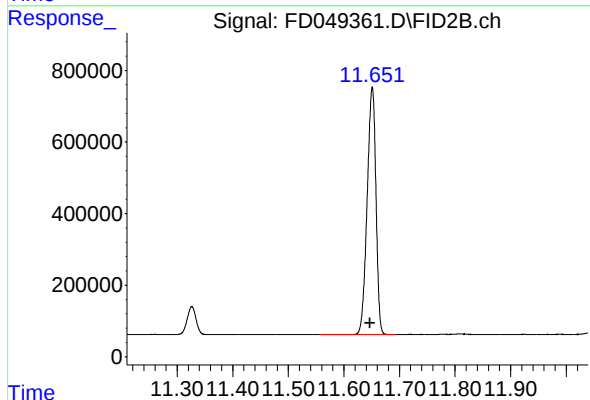
R.T.: 10.886 min
Delta R.T.: 0.005 min
Response: 6639492
Conc: 49.25 ug/ml

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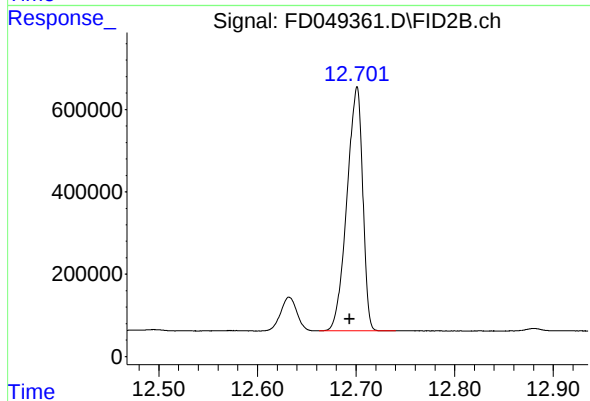
#10 Anthracene (C19.43)

R.T.: 10.961 min
Delta R.T.: 0.006 min
Response: 6489920
Conc: 54.87 ug/ml



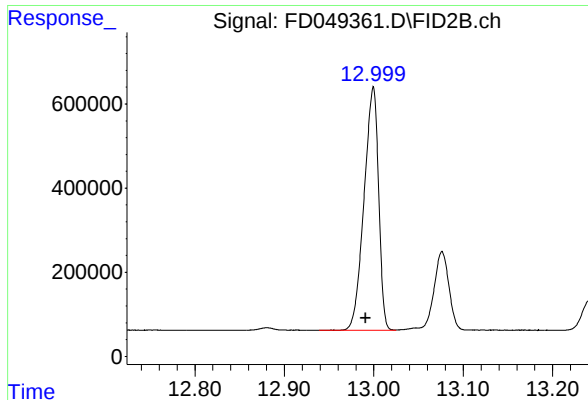
#11 ortho-Terphenyl (SURRE)

R.T.: 11.651 min
Delta R.T.: 0.004 min
Response: 7580451
Conc: 54.92 ug/ml



#12 Fluoranthene (C21.85)

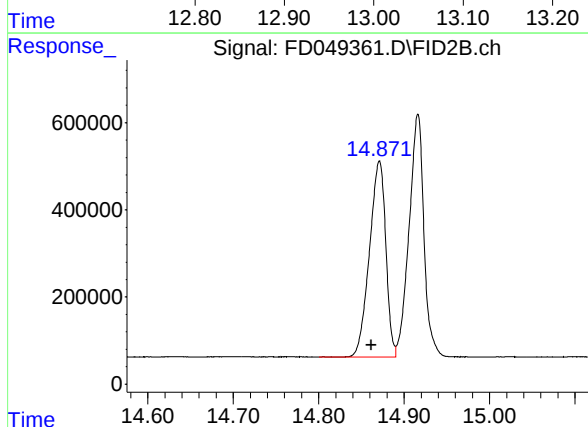
R.T.: 12.701 min
Delta R.T.: 0.008 min
Response: 6603637
Conc: 49.00 ug/ml



#13 Pyrene (C20.8)

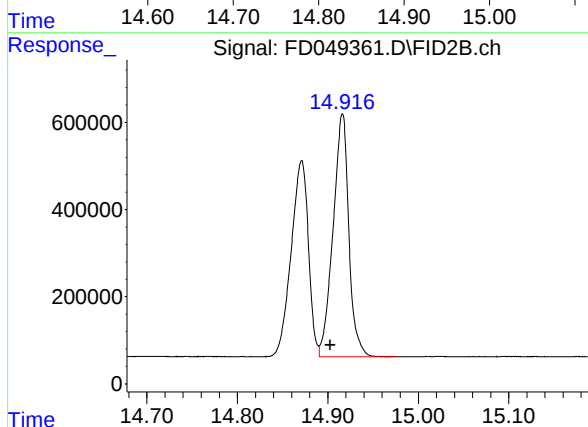
R.T.: 12.999 min
Delta R.T.: 0.009 min
Response: 6533488
Conc: 48.30 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168080BSD



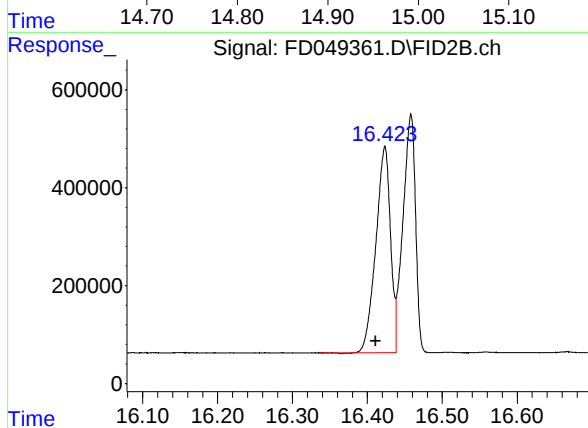
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.871 min
Delta R.T.: 0.010 min
Response: 5960298
Conc: 52.03 ug/ml



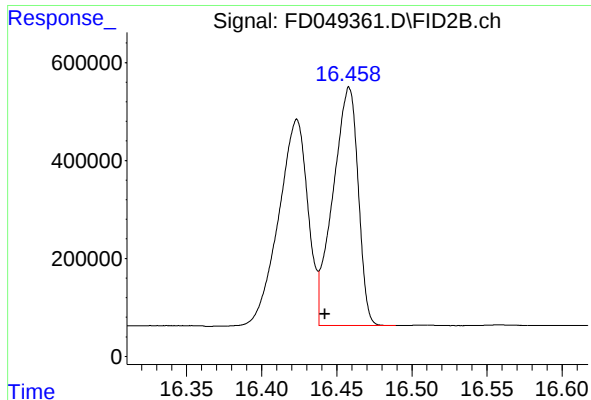
#15 Chrysene (C27.41)

R.T.: 14.916 min
Delta R.T.: 0.014 min
Response: 6740833
Conc: 57.76 ug/ml



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

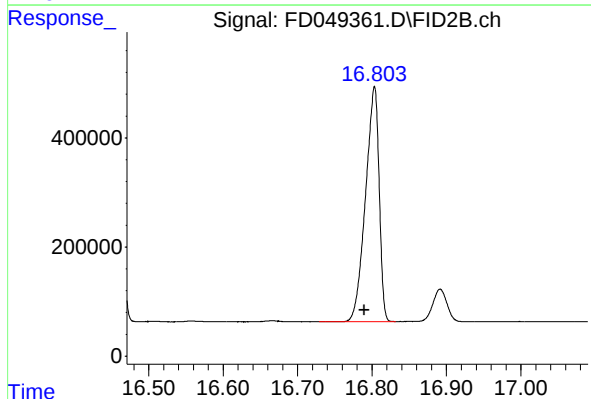
R.T.: 16.423 min
Delta R.T.: 0.012 min
Response: 5700698
Conc: 46.96 ug/ml



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

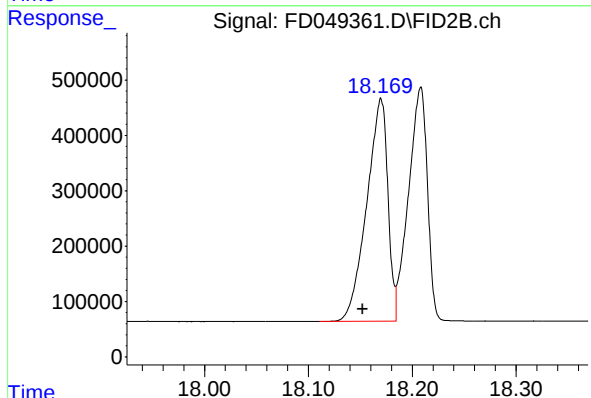
R.T.: 16.458 min
Delta R.T.: 0.016 min
Response: 5684205
Conc: 47.66 ug/ml

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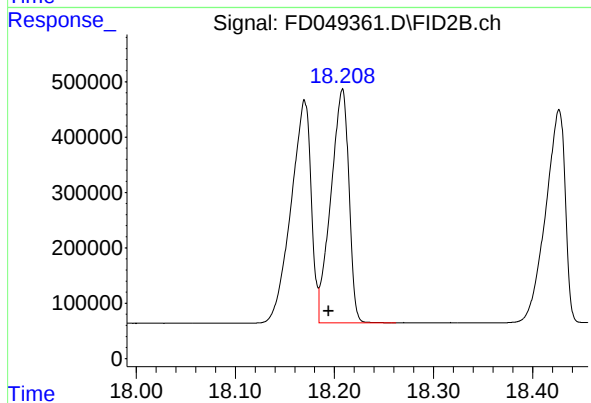
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.803 min
Delta R.T.: 0.014 min
Response: 5466111
Conc: 47.54 ug/ml



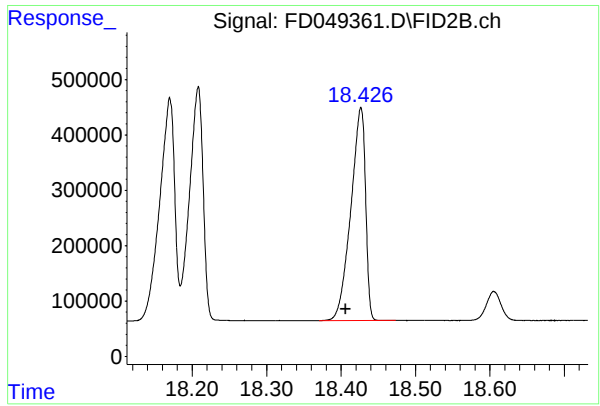
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.170 min
Delta R.T.: 0.018 min
Response: 5683553
Conc: 51.79 ug/ml



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

R.T.: 18.208 min
Delta R.T.: 0.014 min
Response: 5345646
Conc: 50.61 ug/ml



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

R.T.: 18.427 min
Delta R.T.: 0.020 min
Response: 5287510
Conc: 44.37 ug/ml

Instrument :

FID_D

ClientSampleId :

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