

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041825AR\
 Data File : FD049287.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2025 13:43
 Operator : YP/AJ
 Sample : PB167648BSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB167648BSD

Integration File: autoint1.e
 Quant Time: Apr 18 22:57:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 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...	7.745	9011614	60.835 ug/ml
Spiked Amount 50.000		Recovery =	121.67%
6) S 2-Fluorobiphenyl (SURR)	8.612	6458934	63.321 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	126.64%
11) S ortho-Terphenyl (SURR)	11.655	10157468	57.653 ug/ml
Spiked Amount 50.000		Recovery =	115.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.535	5058615	33.758 ug/ml
2) T Naphthalene (C11.7)	6.080	6147222	37.544 ug/ml
3) T 2-Methylnaphthalene (...)	7.134	6334970	39.165 ug/ml
5) T Acenaphthylene (C15.06)	8.415	8047766	45.561 ug/ml
7) T Acenaphthene (C15.5)	8.712	8643389	50.169 ug/ml
8) T Flouorene (C16.55)	9.493	9305785	53.365 ug/ml
9) T Phenanthrene (C19.36)	10.893	10001656	58.280 ug/ml
10) T Anthracene (C19.43)	10.968	9862758	62.782 ug/ml
12) T Fluoranthene (C21.85)	12.708	10235260	60.553 ug/ml
13) T Pyrene (C20.8)	13.007	10194922	60.787 ug/ml
14) T Benzo[a]anthracene (C...	14.877	9148234	63.642 ug/ml
15) T Chrysene (C27.41)	14.922	9868979	68.395 ug/ml
16) T benzo[b]fluoranthene ...	16.428	8464780	60.844 ug/ml
17) T Bnezo[k]fluoranthene ...	16.465	8397368	61.399 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.810	7954495	61.172 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.175	8034542	65.175 ug/ml
20) T Dibenz[a,h]anthracene...	18.214	7441808	58.853 ug/ml
21) T Benzo[g,h,i]perylene ...	18.434	7436318	56.962 ug/ml

(f)=RT Delta > 1/2 Window

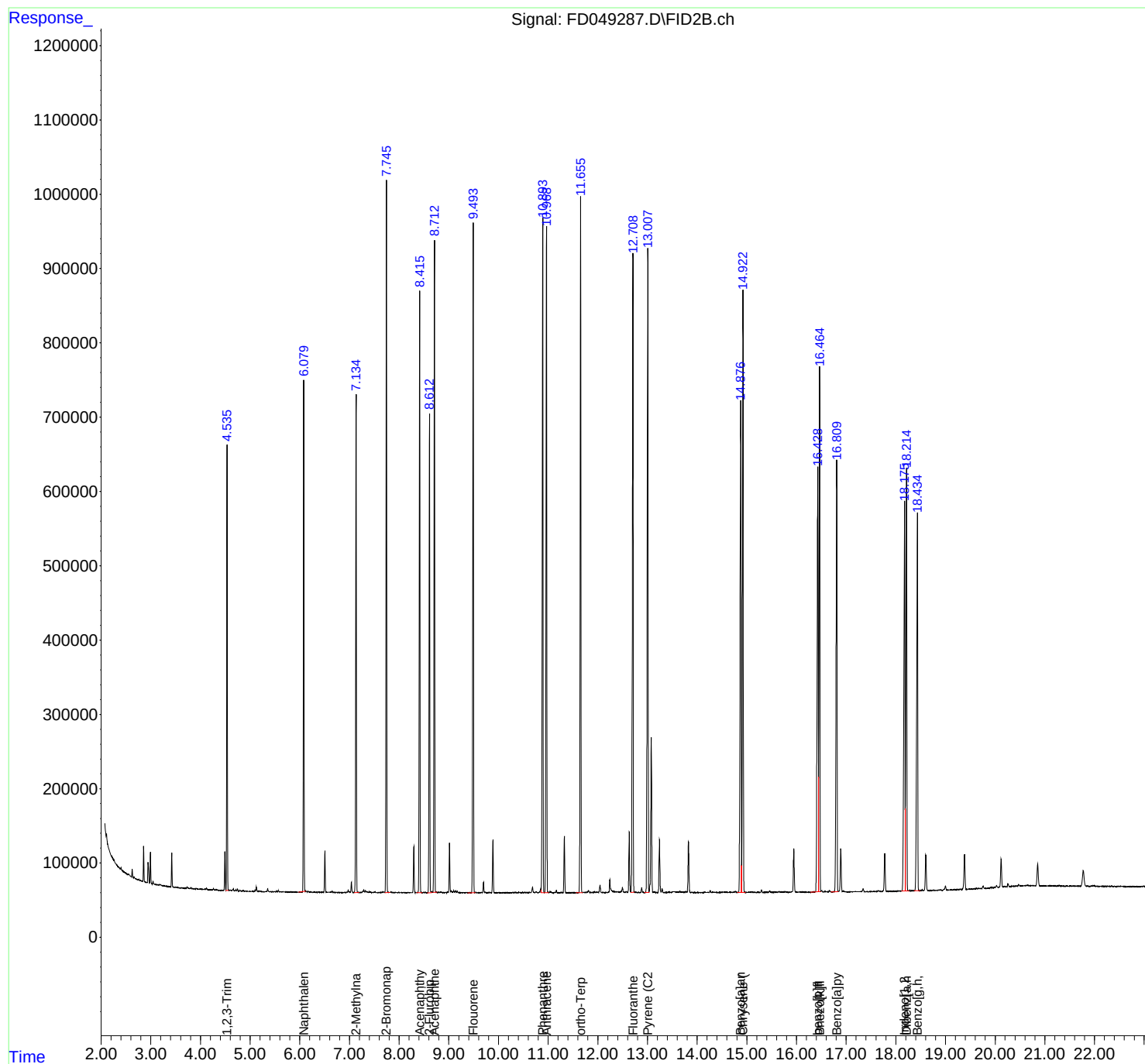
(m)=manual int.

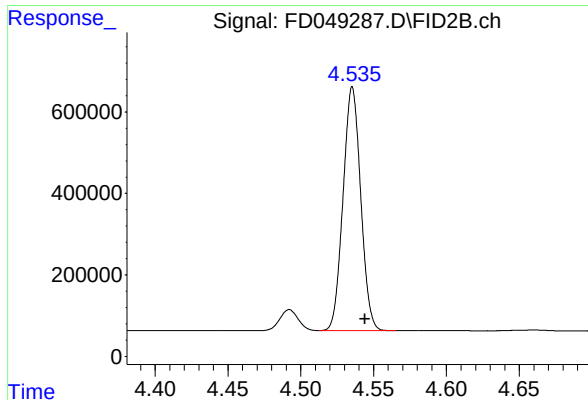
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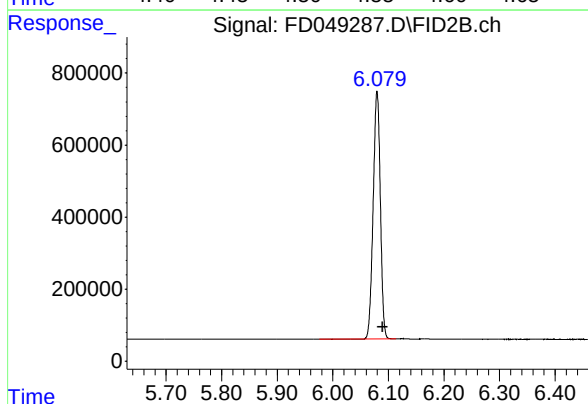




#1 1,2,3-Trimethylbenzene (C10.1)

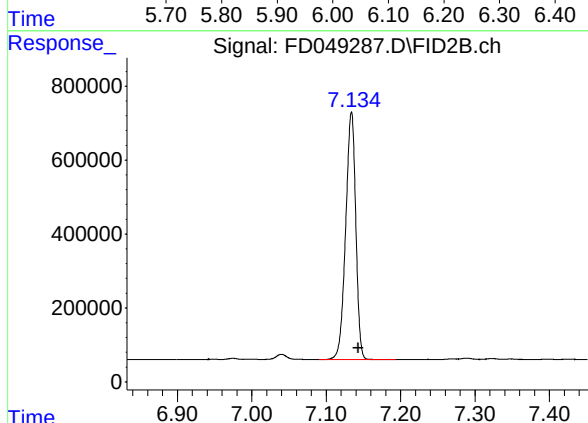
R.T.: 4.535 min
Delta R.T.: -0.009 min
Response: 5058615
Conc: 33.76 ug/ml

Instrument :
FID_D
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PB167648BSD



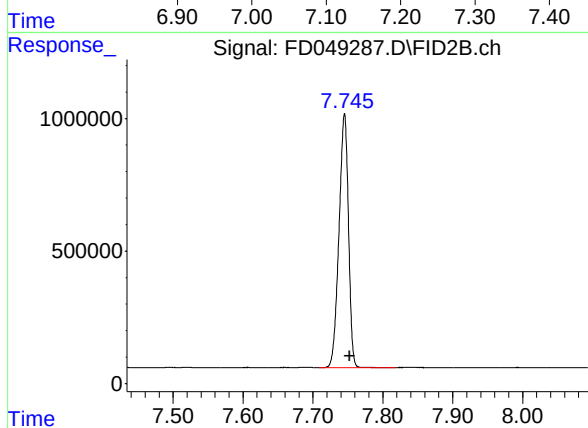
#2 Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.010 min
Response: 6147222
Conc: 37.54 ug/ml



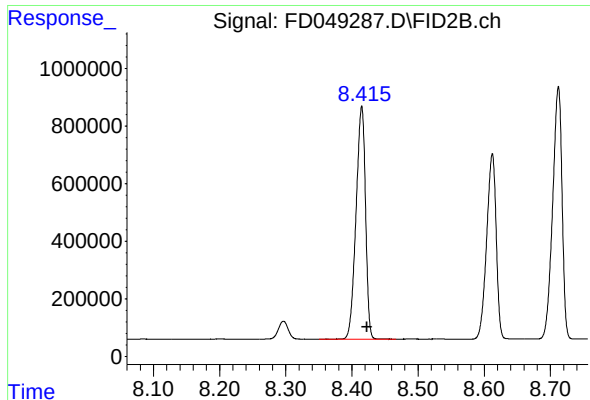
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.009 min
Response: 6334970
Conc: 39.17 ug/ml



#4 2-Bromonaphthalene (SURR)

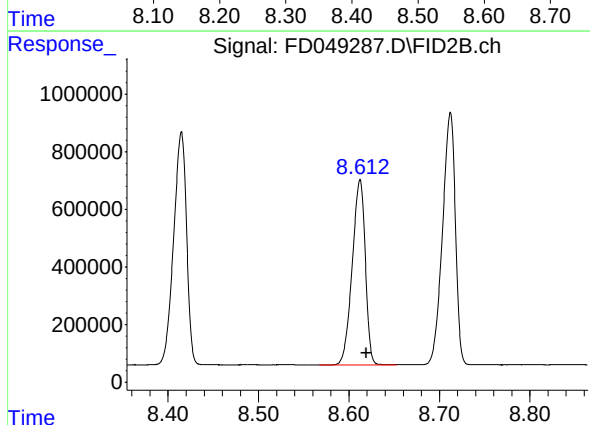
R.T.: 7.745 min
Delta R.T.: -0.007 min
Response: 9011614
Conc: 60.83 ug/ml



#5 Acenaphthylene (C15.06)

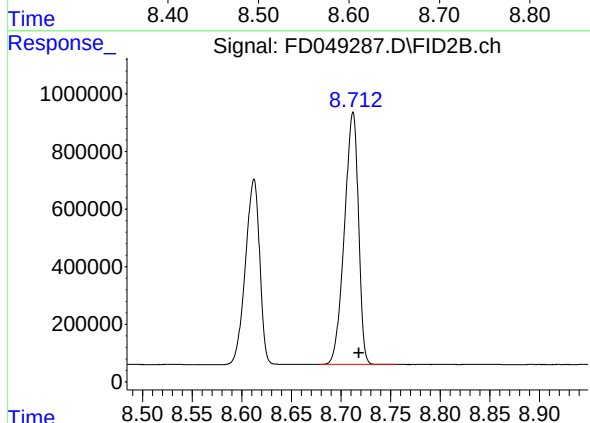
R.T.: 8.415 min
Delta R.T.: -0.008 min
Response: 8047766
Conc: 45.56 ug/ml

Instrument :
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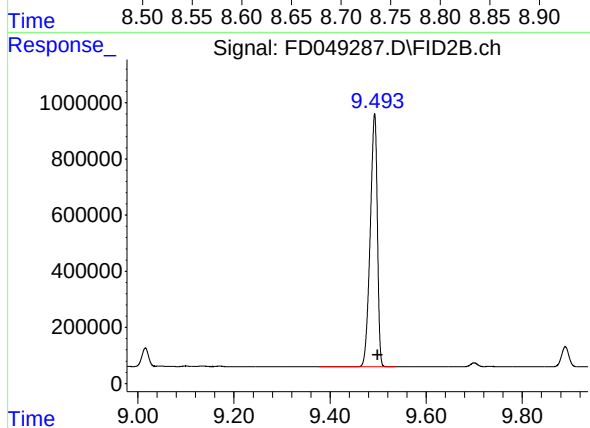
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.612 min
Delta R.T.: -0.007 min
Response: 6458934
Conc: 63.32 ug/ml



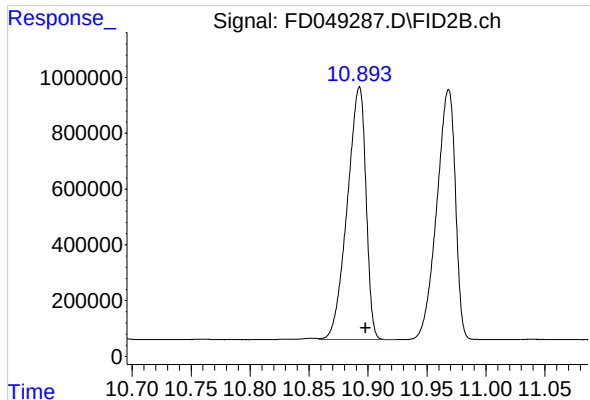
#7 Acenaphthene (C15.5)

R.T.: 8.712 min
Delta R.T.: -0.006 min
Response: 8643389
Conc: 50.17 ug/ml



#8 Flouorene (C16.55)

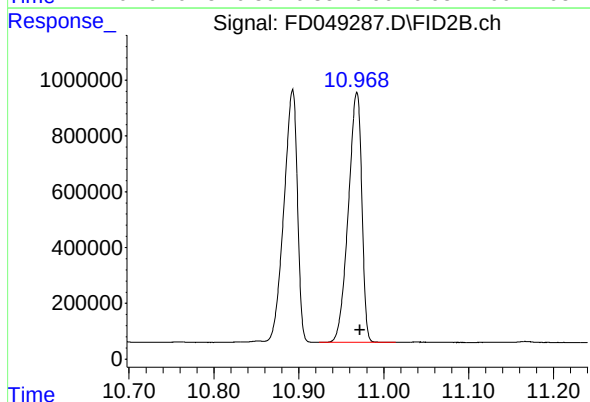
R.T.: 9.493 min
Delta R.T.: -0.006 min
Response: 9305785
Conc: 53.36 ug/ml



#9 Phenanthrene (C19.36)

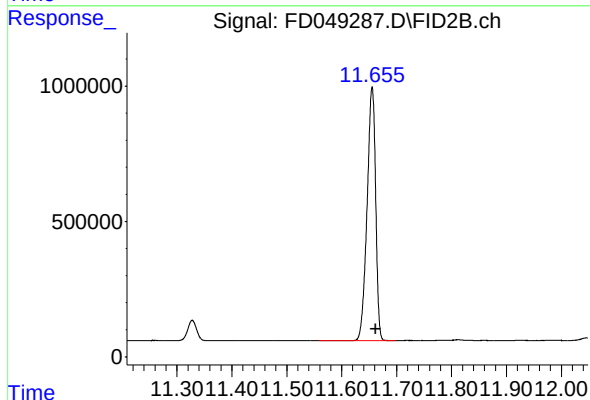
R.T.: 10.893 min
Delta R.T.: -0.005 min
Response: 10001656
Conc: 58.28 ug/ml

Instrument :
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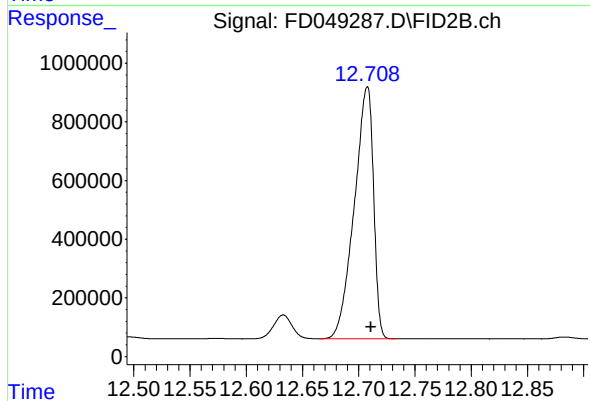
#10 Anthracene (C19.43)

R.T.: 10.968 min
Delta R.T.: -0.004 min
Response: 9862758
Conc: 62.78 ug/ml



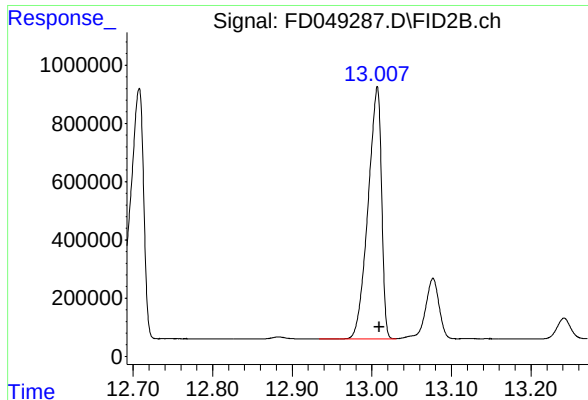
#11 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: -0.007 min
Response: 10157468
Conc: 57.65 ug/ml



#12 Fluoranthene (C21.85)

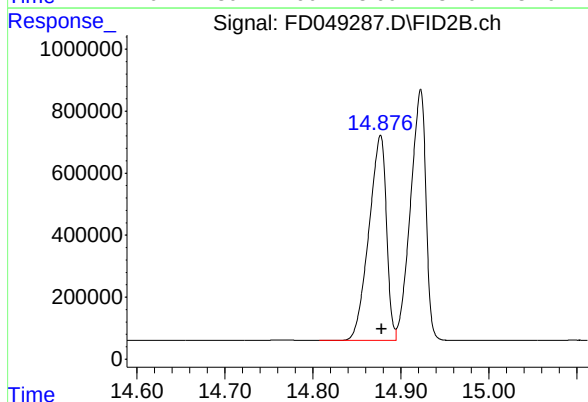
R.T.: 12.708 min
Delta R.T.: -0.003 min
Response: 10235260
Conc: 60.55 ug/ml



#13 Pyrene (C20.8)

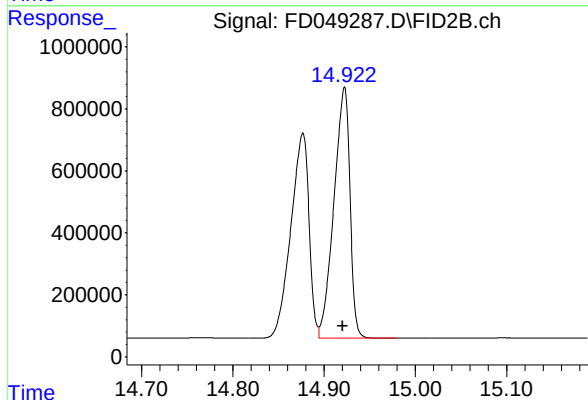
R.T.: 13.007 min
Delta R.T.: -0.003 min
Response: 10194922
Conc: 60.79 ug/ml

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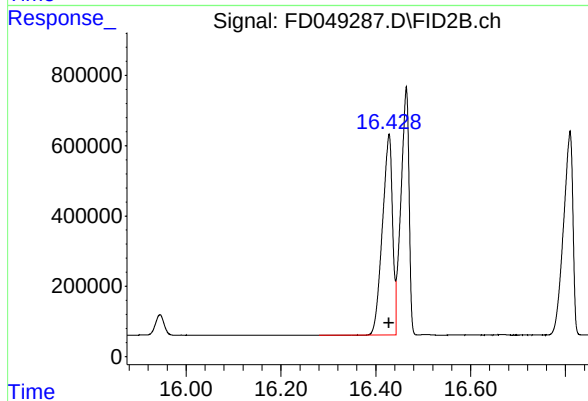
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.877 min
Delta R.T.: -0.001 min
Response: 9148234
Conc: 63.64 ug/ml



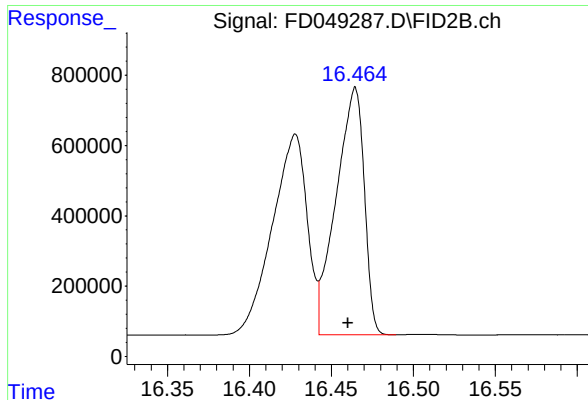
#15 Chrysene (C27.41)

R.T.: 14.922 min
Delta R.T.: 0.002 min
Response: 9868979
Conc: 68.40 ug/ml



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

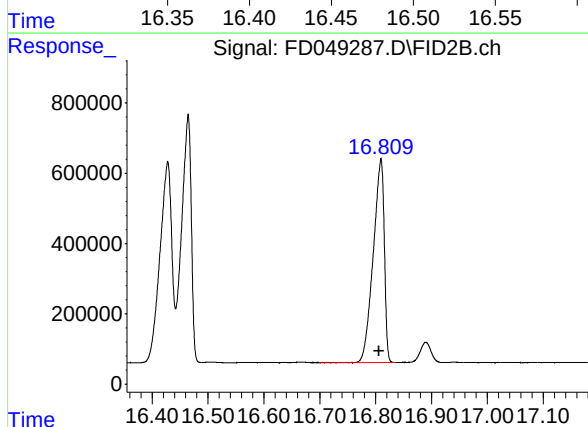
R.T.: 16.428 min
Delta R.T.: 0.000 min
Response: 8464780
Conc: 60.84 ug/ml



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

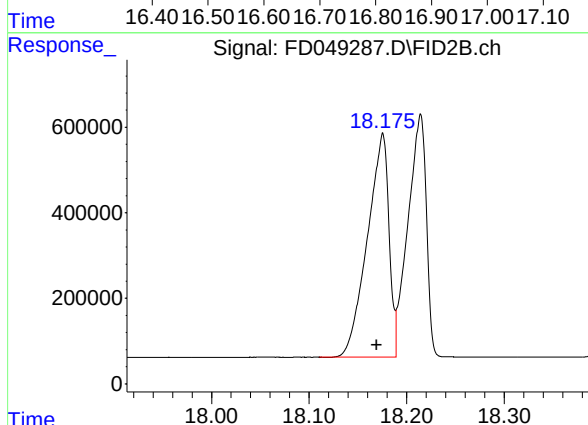
R.T.: 16.465 min
Delta R.T.: 0.005 min
Response: 8397368
Conc: 61.40 ug/ml

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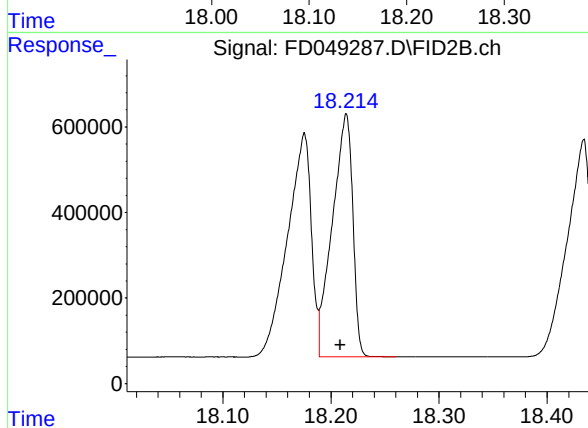
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.810 min
Delta R.T.: 0.003 min
Response: 7954495
Conc: 61.17 ug/ml



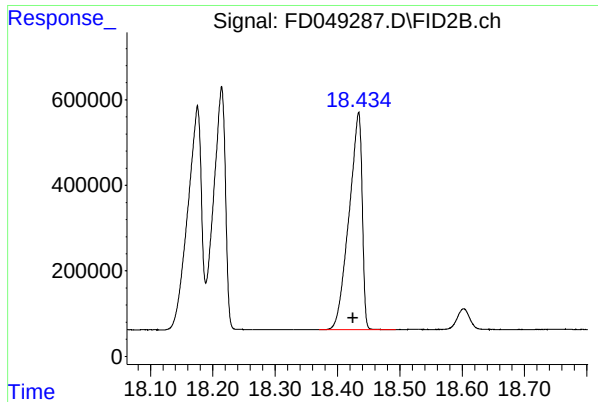
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.175 min
Delta R.T.: 0.006 min
Response: 8034542
Conc: 65.18 ug/ml



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

R.T.: 18.214 min
Delta R.T.: 0.006 min
Response: 7441808
Conc: 58.85 ug/ml



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

R.T.: 18.434 min
Delta R.T.: 0.009 min
Response: 7436318
Conc: 56.96 ug/ml

Instrument :

FID_D

ClientSampleId :

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