

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082322AR\
 Data File : FD043722.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2022 22:07
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 24 02:33:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 24 02:27:55 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...	7.488	8550202	49.769 ug/ml
Spiked Amount 50.000		Recovery =	99.54%
6) S 2-Fluorobiphenyl (SURR)	8.344	5552796	50.437 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.87%
11) S ortho-Terphenyl (SURR)	11.382	9879567	49.287 ug/ml
Spiked Amount 50.000		Recovery =	98.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	9663558	49.402 ug/ml
2) T Naphthalene (C11.7)	5.825	9805143	49.453 ug/ml
3) T 2-Methylnaphthalene (...)	6.874	8858669	49.804 ug/ml
5) T Acenaphthylene (C15.06)	8.149	9680387	49.597 ug/ml
7) T Acenaphthene (C15.5)	8.441	9920361	49.171 ug/ml
8) T Flouorene (C16.55)	9.222	9454866	49.629 ug/ml
9) T Phenanthrene (C19.36)	10.616	9150011	49.849 ug/ml
10) T Anthracene (C19.43)	10.691	9112933	49.287 ug/ml
12) T Fluoranthene (C21.85)	12.425	8907164	49.531 ug/ml
13) T Pyrene (C20.8)	12.720	9035622	49.704 ug/ml
14) T Benzo[a]anthracene (C...	14.591	7825287	50.225 ug/ml
15) T Chrysene (C27.41)	14.634	8420708	48.768 ug/ml
16) T benzo[b]fluoranthene ...	16.140	7604133	50.186 ug/ml
17) T Bnezo[k]fluoranthene ...	16.172	7748118	49.093 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.516	7154795	49.367 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.881	5854402	50.614 ug/ml
20) T Dibenz[a,h]anthracene...	17.916	6924966	49.932 ug/ml
21) T Benzo[g,h,i]perylene ...	18.134	6409669	49.922 ug/ml

(f)=RT Delta > 1/2 Window

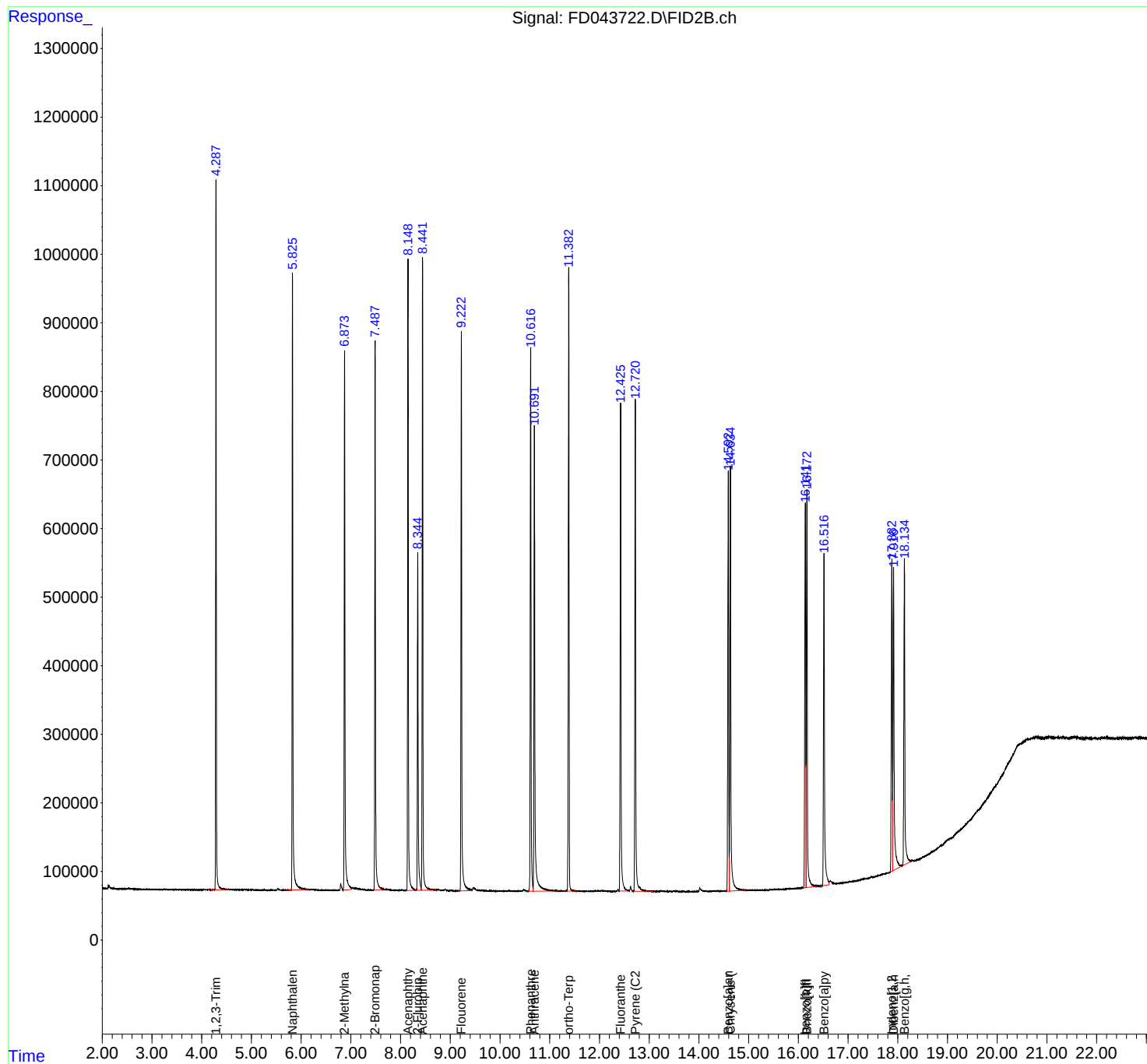
(m)=manual int.

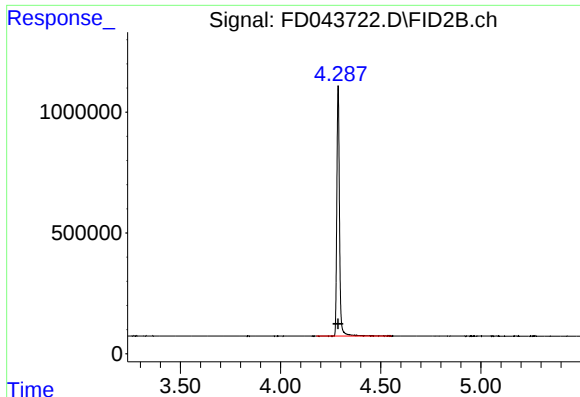
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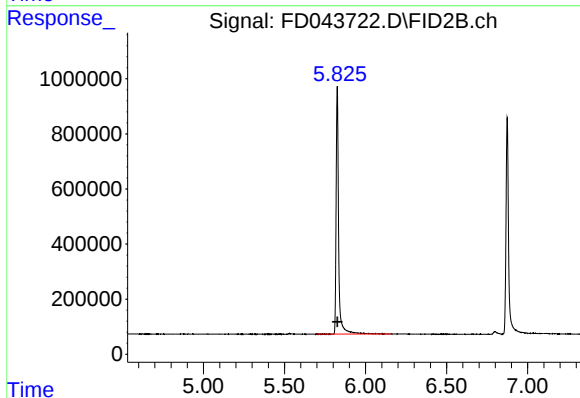




#1 1,2,3-Trimethylbenzene (C10.1)

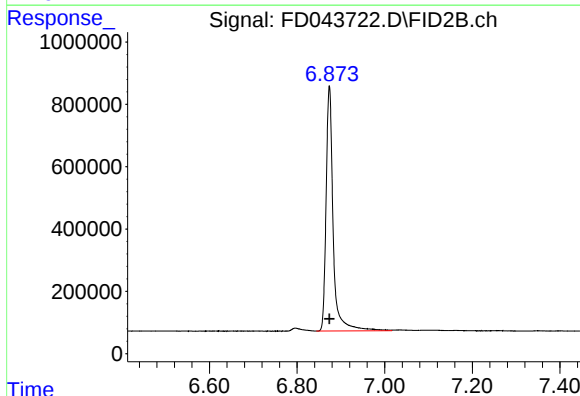
R.T.: 4.287 min
Delta R.T.: 0.000 min
Response: 9663558
Conc: 49.40 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



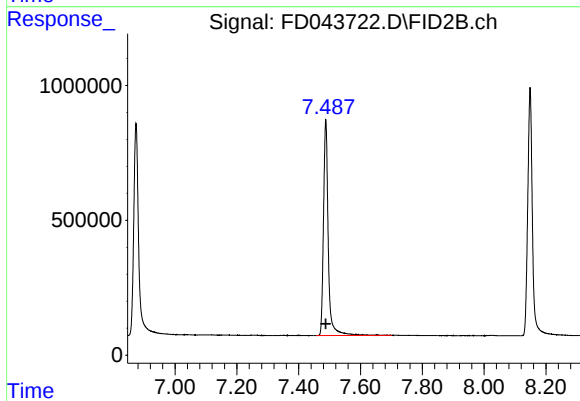
#2 Naphthalene (C11.7)

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 9805143
Conc: 49.45 ug/ml



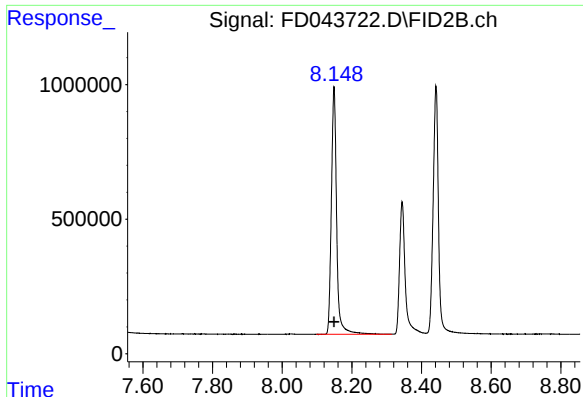
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 8858669
Conc: 49.80 ug/ml



#4 2-Bromonaphthalene (SURR)

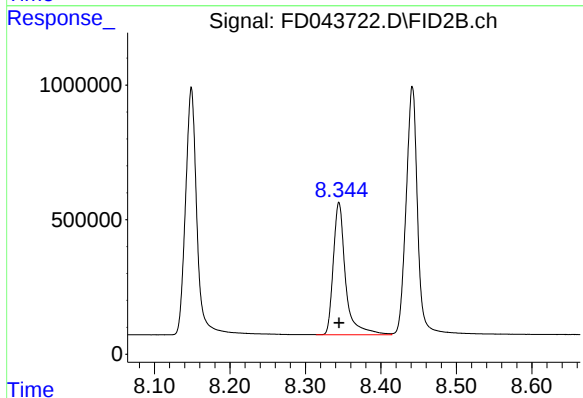
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 8550202
Conc: 49.77 ug/ml



#5 Acenaphthylene (C15.06)

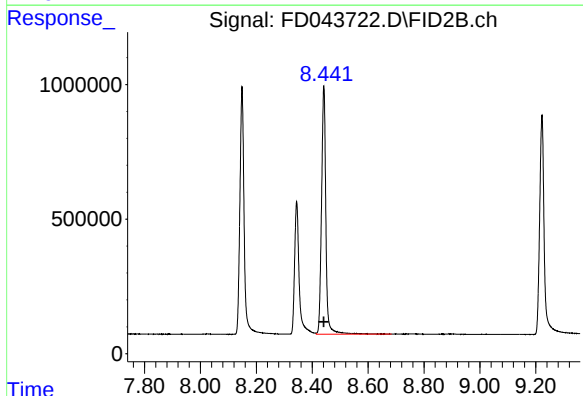
R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 9680387
Conc: 49.60 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



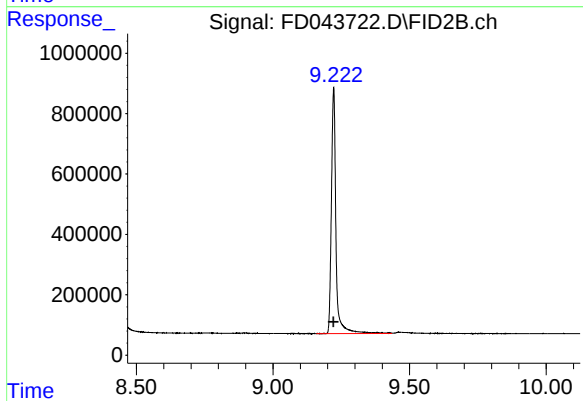
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 5552796
Conc: 50.44 ug/ml



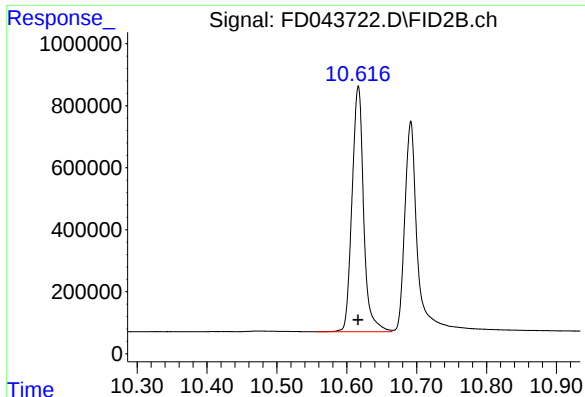
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: 0.000 min
Response: 9920361
Conc: 49.17 ug/ml



#8 Fluorene (C16.55)

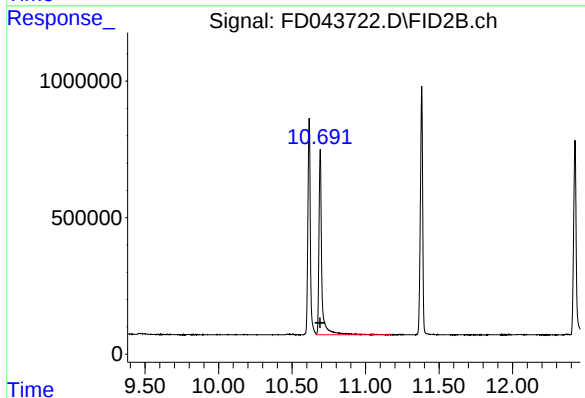
R.T.: 9.222 min
Delta R.T.: 0.000 min
Response: 9454866
Conc: 49.63 ug/ml



#9 Phenanthrene (C19.36)

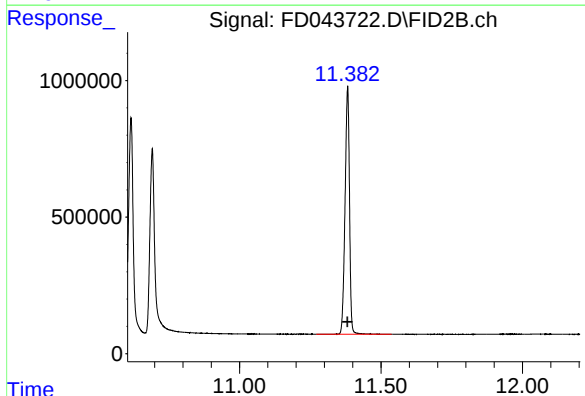
R.T.: 10.616 min
Delta R.T.: 0.000 min
Response: 9150011
Conc: 49.85 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



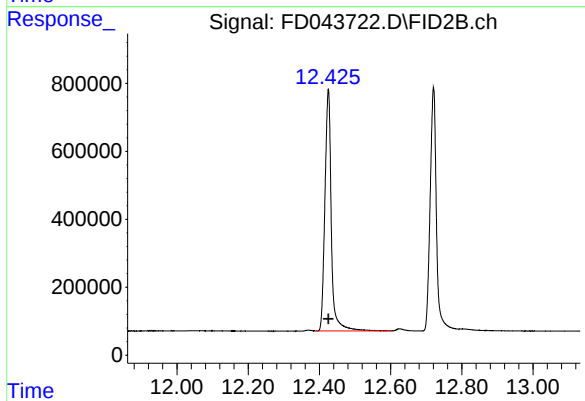
#10 Anthracene (C19.43)

R.T.: 10.691 min
Delta R.T.: 0.000 min
Response: 9112933
Conc: 49.29 ug/ml



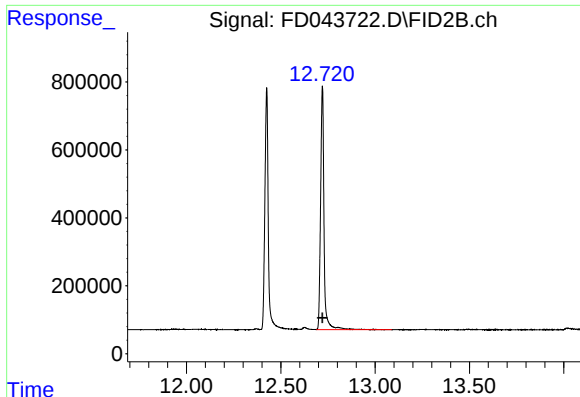
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: 0.000 min
Response: 9879567
Conc: 49.29 ug/ml



#12 Fluoranthene (C21.85)

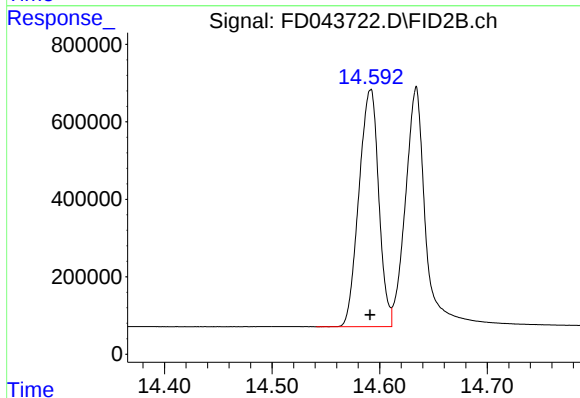
R.T.: 12.425 min
Delta R.T.: 0.000 min
Response: 8907164
Conc: 49.53 ug/ml



#13 Pyrene (C20.8)

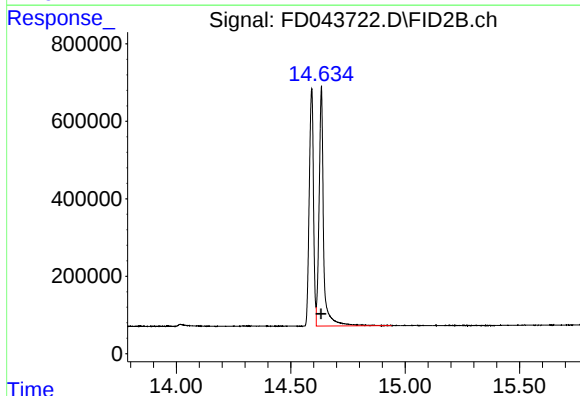
R.T.: 12.720 min
Delta R.T.: 0.000 min
Response: 9035622
Conc: 49.70 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



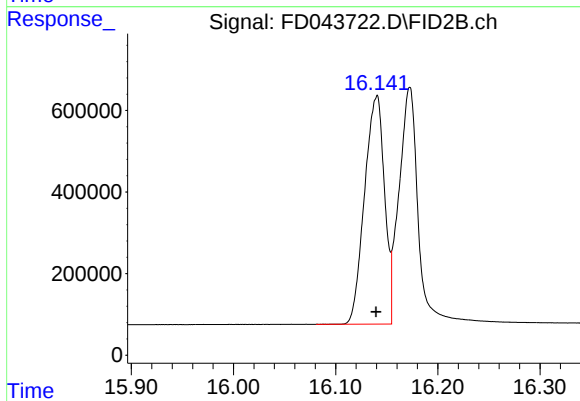
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.591 min
Delta R.T.: 0.000 min
Response: 7825287
Conc: 50.22 ug/ml



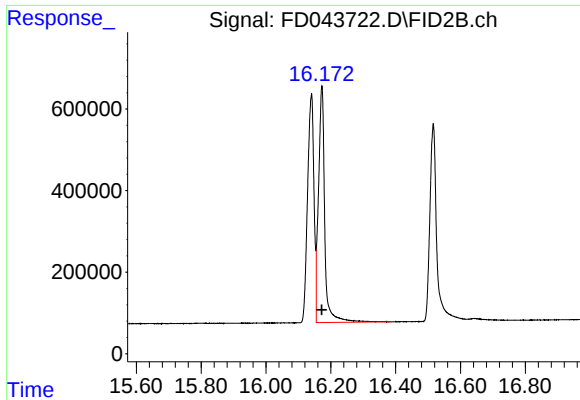
#15 Chrysene (C27.41)

R.T.: 14.634 min
Delta R.T.: 0.000 min
Response: 8420708
Conc: 48.77 ug/ml



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

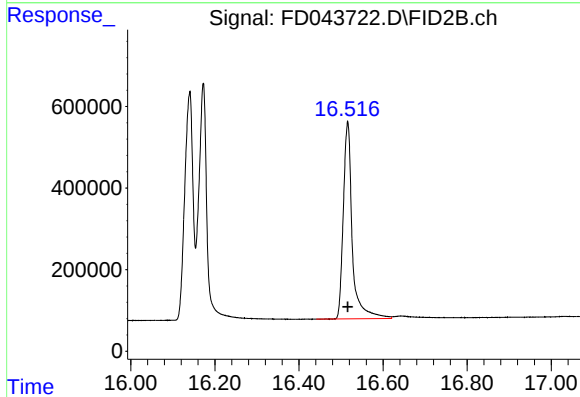
R.T.: 16.140 min
Delta R.T.: 0.000 min
Response: 7604133
Conc: 50.19 ug/ml



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

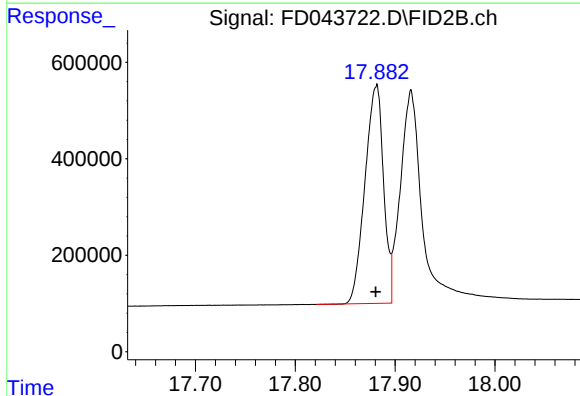
R.T.: 16.172 min
Delta R.T.: 0.000 min
Response: 7748118
Conc: 49.09 ug/ml

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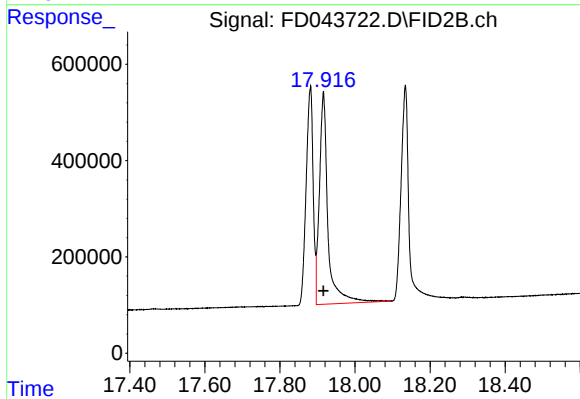
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.516 min
Delta R.T.: 0.000 min
Response: 7154795
Conc: 49.37 ug/ml



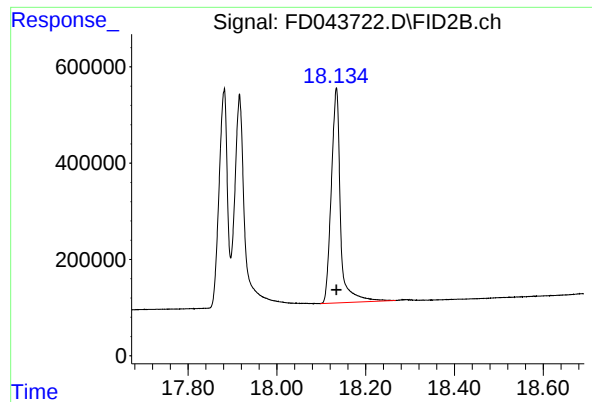
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.881 min
Delta R.T.: 0.000 min
Response: 5854402
Conc: 50.61 ug/ml



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

R.T.: 17.916 min
Delta R.T.: 0.000 min
Response: 6924966
Conc: 49.93 ug/ml



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

R.T.: 18.134 min
Delta R.T.: 0.000 min
Response: 6409669
Conc: 49.92 ug/ml

Instrument :
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ClientSampleId :
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