

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102723AR\
 Data File : FD046797.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2023 19:12
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 28 02:46:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:41:01 2023
 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...	7.484	1910417	10.758 ug/ml
Spiked Amount 50.000		Recovery =	21.52%
6) S 2-Fluorobiphenyl (SURR)	8.337	1230832	10.600 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.20%
11) S ortho-Terphenyl (SURR)	11.373	2229292	10.810 ug/ml
Spiked Amount 50.000		Recovery =	21.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.300	2035752	10.901 ug/ml
2) T Naphthalene (C11.7)	5.825	2101383	10.809 ug/ml
3) T 2-Methylnaphthalene (...)	6.872	2106538	10.756 ug/ml
5) T Acenaphthylene (C15.06)	8.141	1937012	10.776 ug/ml
7) T Acenaphthene (C15.5)	8.436	2057650	10.779 ug/ml
8) T Flouorene (C16.55)	9.214	1911739	10.496 ug/ml
9) T Phenanthrene (C19.36)	10.602	1840602	10.479 ug/ml
10) T Anthracene (C19.43)	10.676	1760441	10.502 ug/ml
12) T Fluoranthene (C21.85)	12.404	1791382	10.526 ug/ml
13) T Pyrene (C20.8)	12.698	1707573	10.388 ug/ml
14) T Benzo[a]anthracene (C...	14.562	1441058	10.301 ug/ml
15) T Chrysene (C27.41)	14.602	1631018	10.750 ug/ml
16) T benzo[b]fluoranthene ...	16.101	1485208	10.521 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	1523906	10.713 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	1466670	10.645 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	1268651	10.033 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	1494356	11.300 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	1469980	10.844 ug/ml

(f)=RT Delta > 1/2 Window

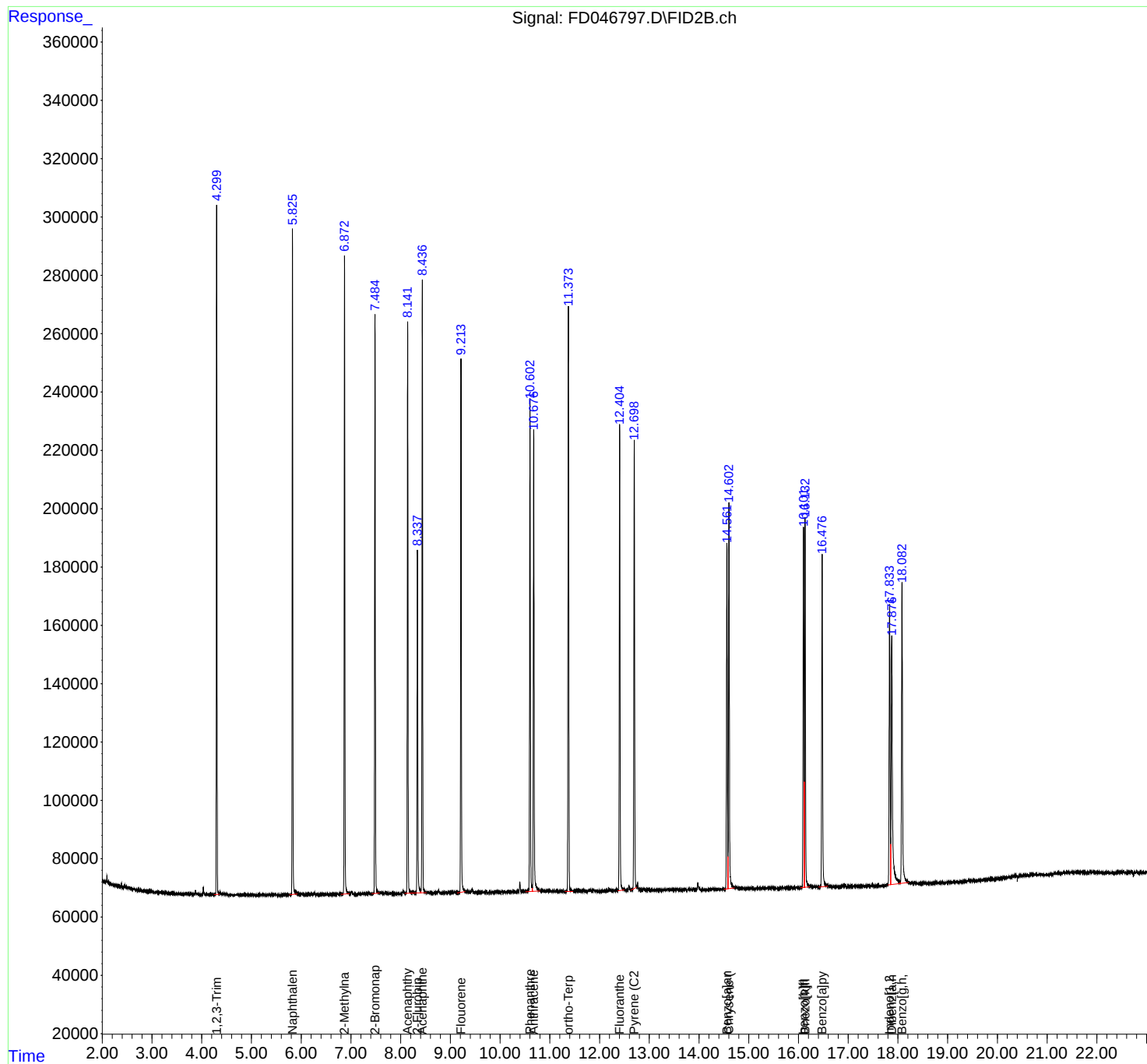
(m)=manual int.

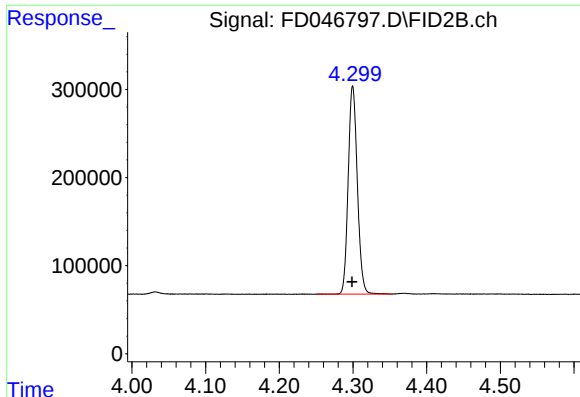
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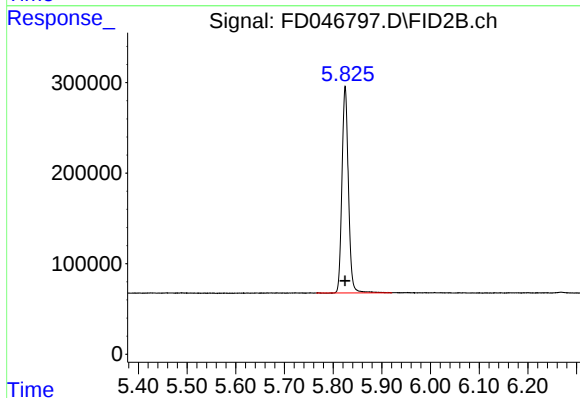




#1 1,2,3-Trimethylbenzene (C10.1)

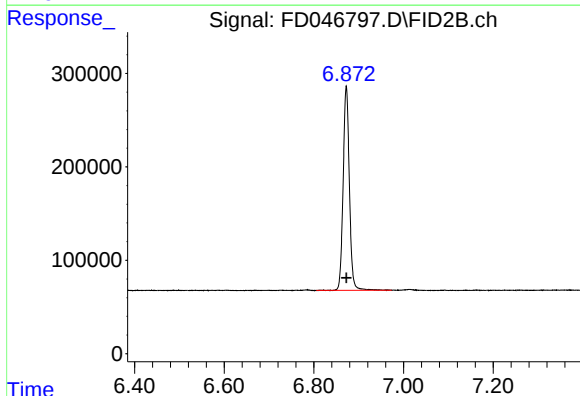
R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 2035752
Conc: 10.90 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



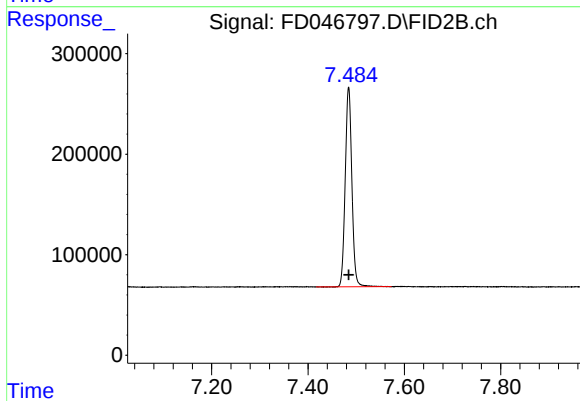
#2 Naphthalene (C11.7)

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 2101383
Conc: 10.81 ug/ml



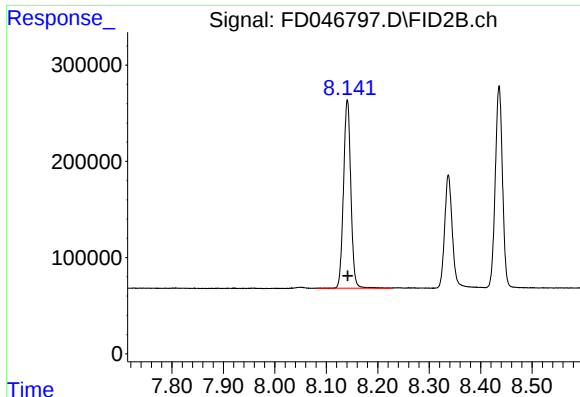
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 2106538
Conc: 10.76 ug/ml



#4 2-Bromonaphthalene (SURR)

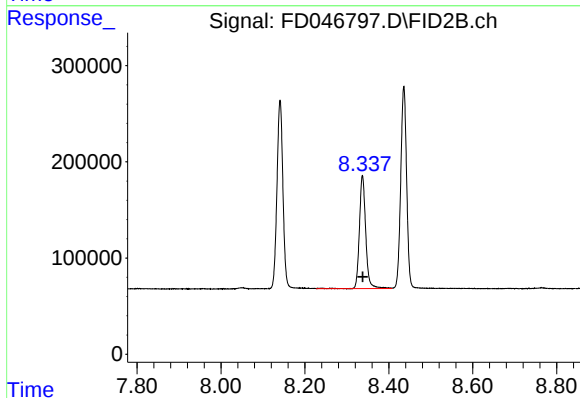
R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 1910417
Conc: 10.76 ug/ml



#5 Acenaphthylene (C15.06)

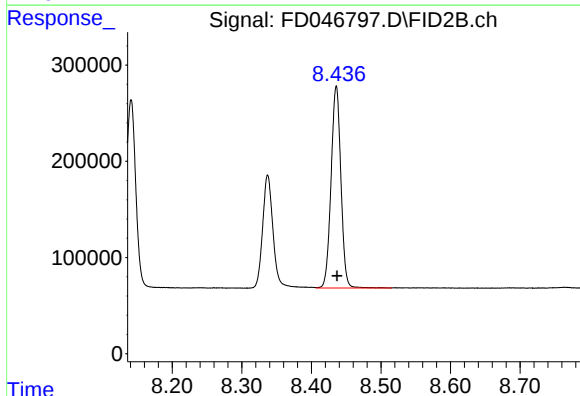
R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 1937012
Conc: 10.78 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



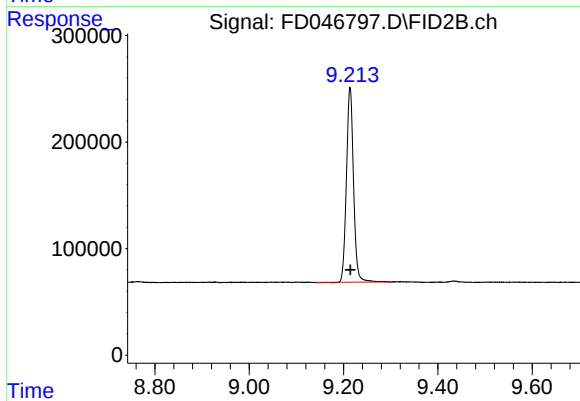
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 1230832
Conc: 10.60 ug/ml



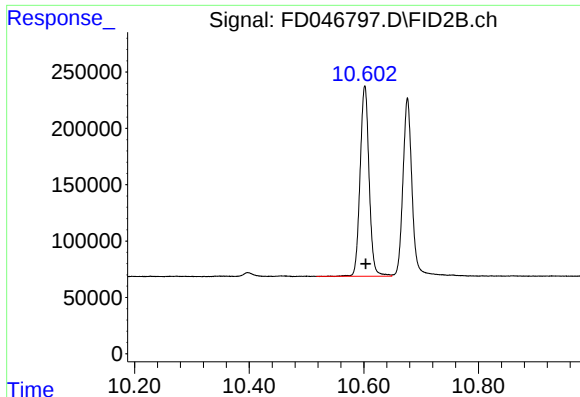
#7 Acenaphthene (C15.5)

R.T.: 8.436 min
Delta R.T.: -0.001 min
Response: 2057650
Conc: 10.78 ug/ml



#8 Fluorene (C16.55)

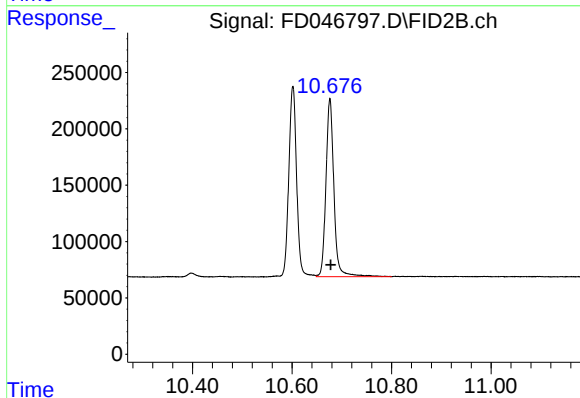
R.T.: 9.214 min
Delta R.T.: 0.000 min
Response: 1911739
Conc: 10.50 ug/ml



#9 Phenanthrene (C19.36)

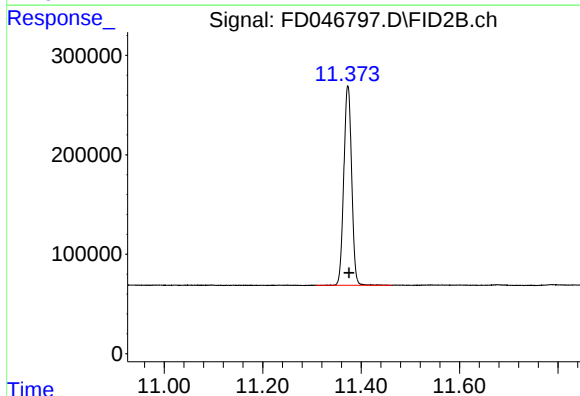
R.T.: 10.602 min
Delta R.T.: -0.002 min
Response: 1840602
Conc: 10.48 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



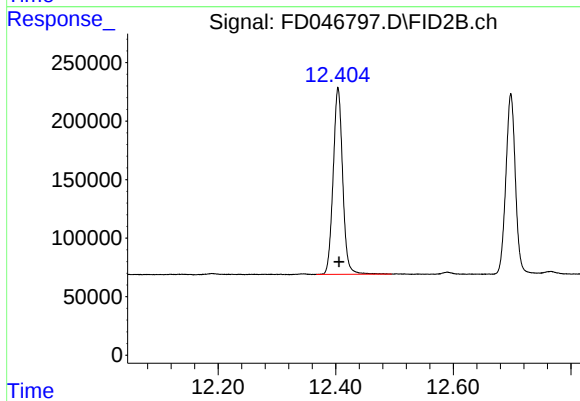
#10 Anthracene (C19.43)

R.T.: 10.676 min
Delta R.T.: -0.002 min
Response: 1760441
Conc: 10.50 ug/ml



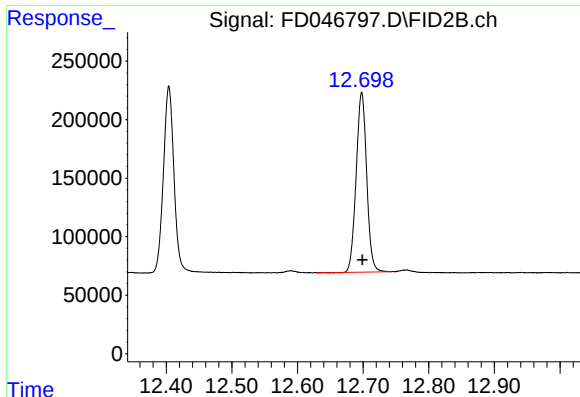
#11 ortho-Terphenyl (SURR)

R.T.: 11.373 min
Delta R.T.: -0.002 min
Response: 2229292
Conc: 10.81 ug/ml



#12 Fluoranthene (C21.85)

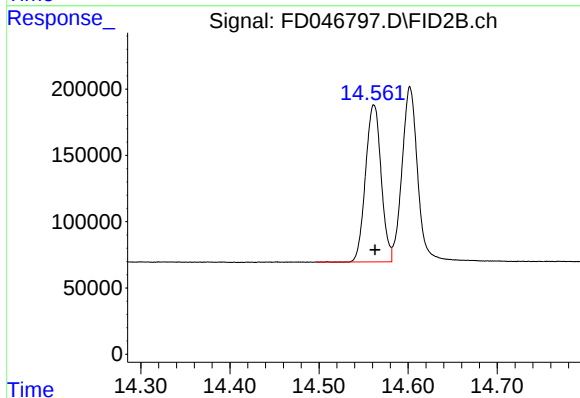
R.T.: 12.404 min
Delta R.T.: -0.002 min
Response: 1791382
Conc: 10.53 ug/ml



#13 Pyrene (C20.8)

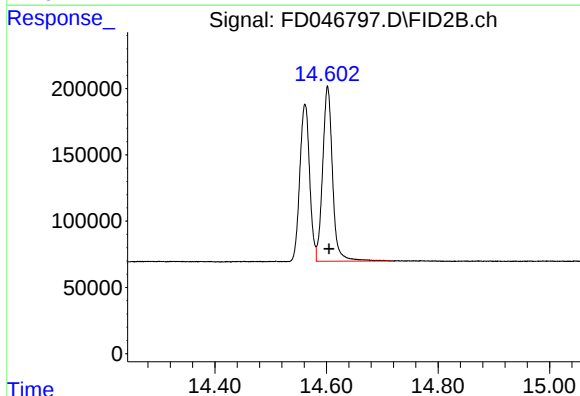
R.T.: 12.698 min
Delta R.T.: -0.001 min
Response: 1707573
Conc: 10.39 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



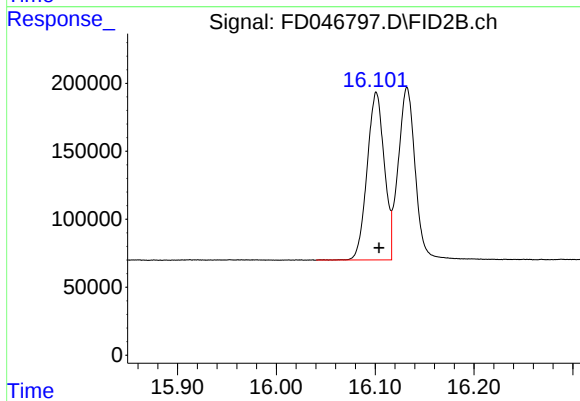
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: -0.001 min
Response: 1441058
Conc: 10.30 ug/ml



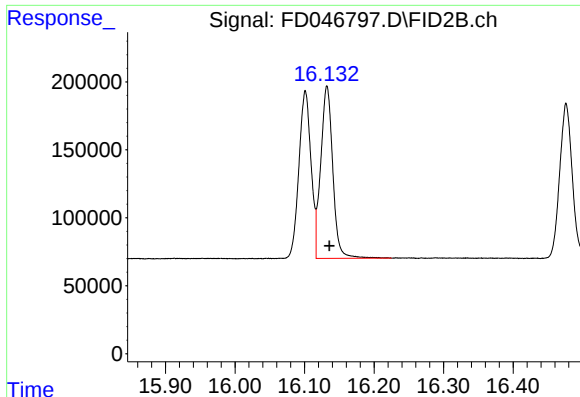
#15 Chrysene (C27.41)

R.T.: 14.602 min
Delta R.T.: -0.003 min
Response: 1631018
Conc: 10.75 ug/ml



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

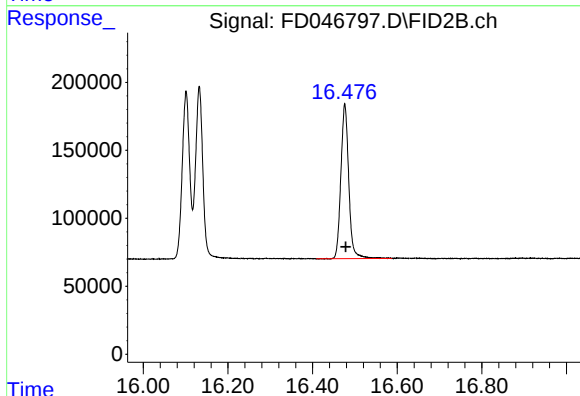
R.T.: 16.101 min
Delta R.T.: -0.003 min
Response: 1485208
Conc: 10.52 ug/ml



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

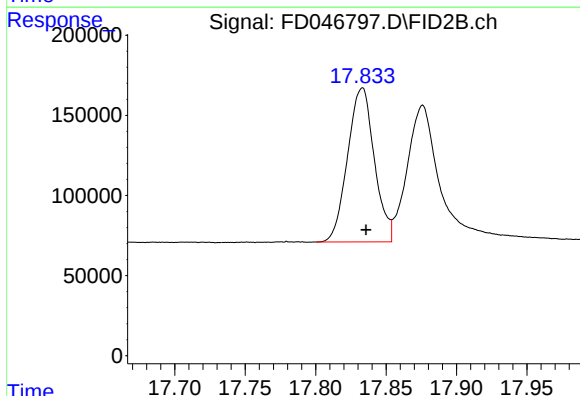
R.T.: 16.132 min
Delta R.T.: -0.004 min
Response: 1523906
Conc: 10.71 ug/ml

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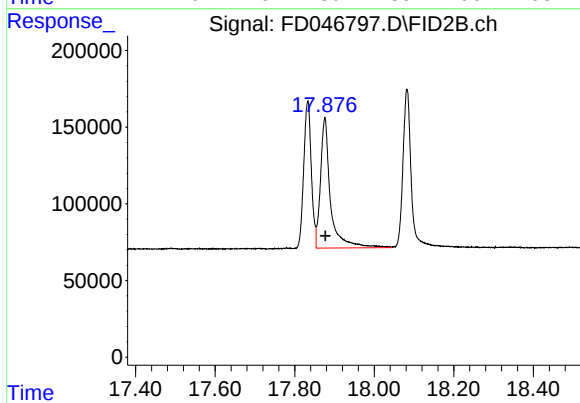
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: -0.002 min
Response: 1466670
Conc: 10.65 ug/ml



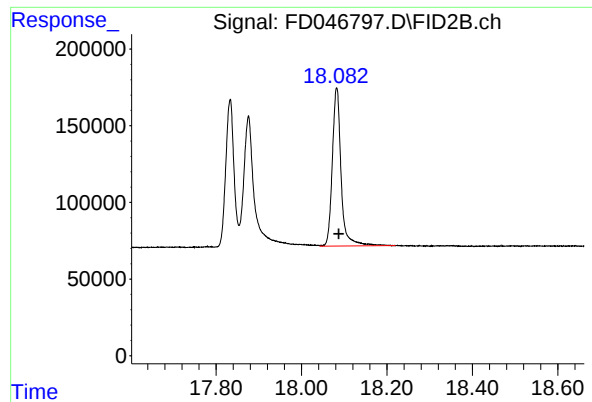
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: -0.003 min
Response: 1268651
Conc: 10.03 ug/ml



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

R.T.: 17.876 min
Delta R.T.: -0.001 min
Response: 1494356
Conc: 11.30 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.005 min
Response: 1469980
Conc: 10.84 ug/ml

Instrument :
FID_D
ClientSampleId :
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