

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111424AR\
 Data File : FD048730.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 11:15
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 14 12:44:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 12:40:13 2024
 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...	7.368	8283088	49.443 ug/ml
Spiked Amount 50.000		Recovery =	98.89%
6) S 2-Fluorobiphenyl (SURR)	8.218	5559238	49.762 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.52%
11) S ortho-Terphenyl (SURR)	11.254	8996437	49.602 ug/ml
Spiked Amount 50.000		Recovery =	99.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.190	8939308	49.545 ug/ml
2) T Naphthalene (C11.7)	5.708	9328622	49.636 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	9099861	49.602 ug/ml
5) T Acenaphthylene (C15.06)	8.022	9189135	49.619 ug/ml
7) T Acenaphthene (C15.5)	8.317	9040771	49.602 ug/ml
8) T Fluorene (C16.55)	9.095	9136727	49.698 ug/ml
9) T Phenanthrene (C19.36)	10.482	8716439	49.634 ug/ml
10) T Anthracene (C19.43)	10.558	8726580	49.328 ug/ml
12) T Fluoranthene (C21.85)	12.287	8602468	49.648 ug/ml
13) T Pyrene (C20.8)	12.581	8542740	49.836 ug/ml
14) T Benzo[a]anthracene (C...	14.450	8014439	49.821 ug/ml
15) T Chrysene (C27.41)	14.494	8069480	49.496 ug/ml
16) T benzo[b]fluoranthene ...	15.999	7563737	49.702 ug/ml
17) T Bnezo[k]fluoranthene ...	16.034	7564689	49.676 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.375	7116324	49.763 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.740	6332404	50.151 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	6967880	49.424 ug/ml
21) T Benzo[g,h,i]perylene ...	17.993	6744596	49.749 ug/ml

(f)=RT Delta > 1/2 Window

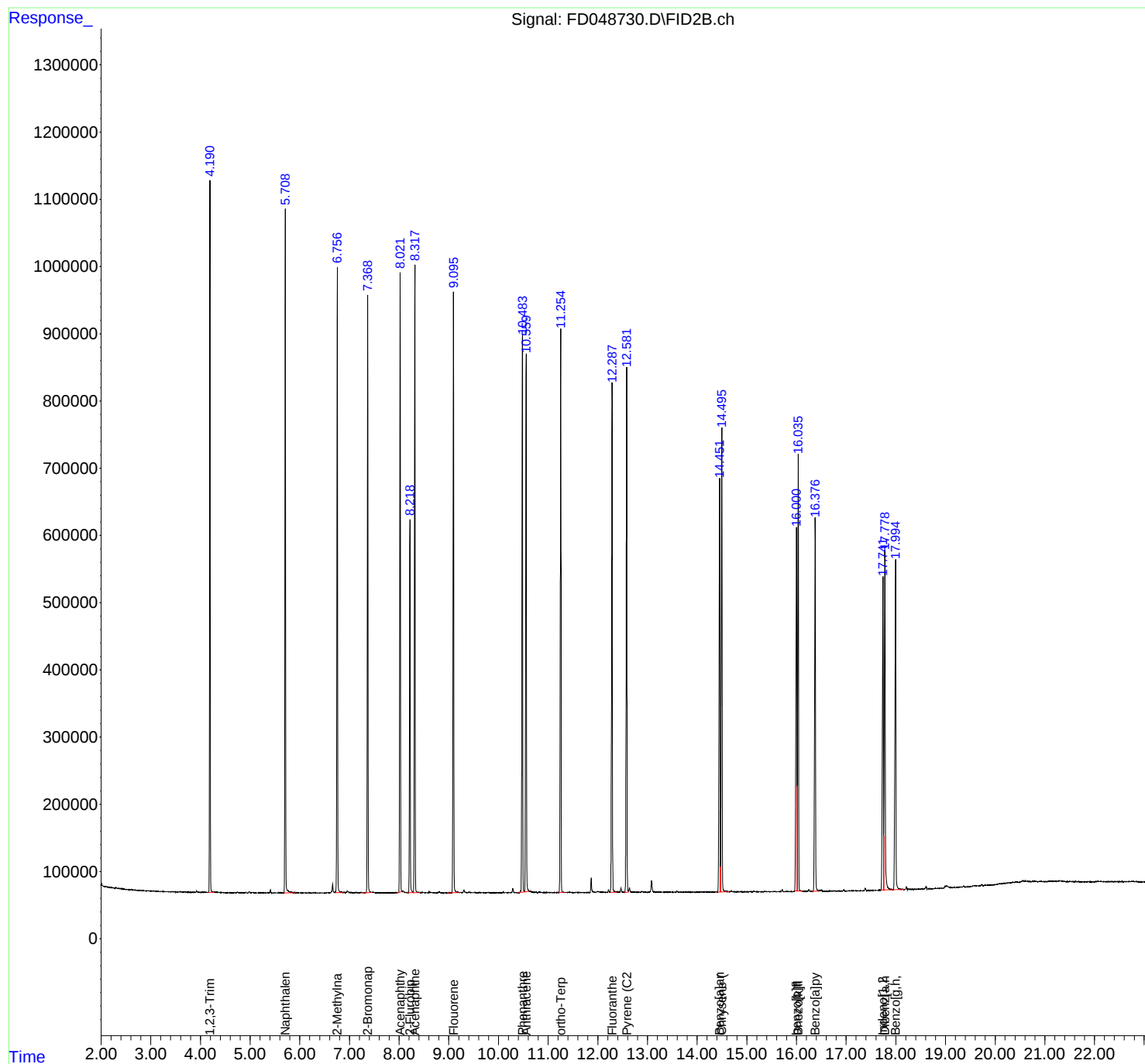
(m)=manual int.

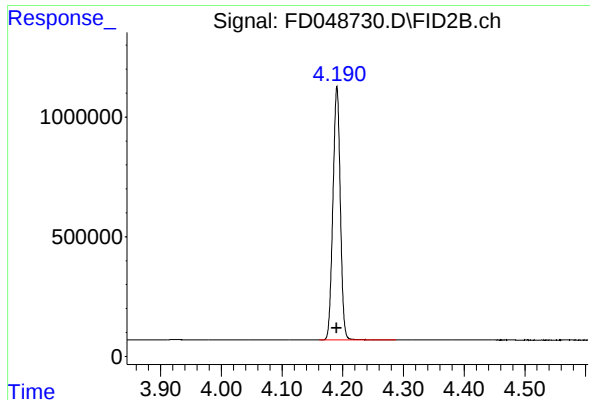
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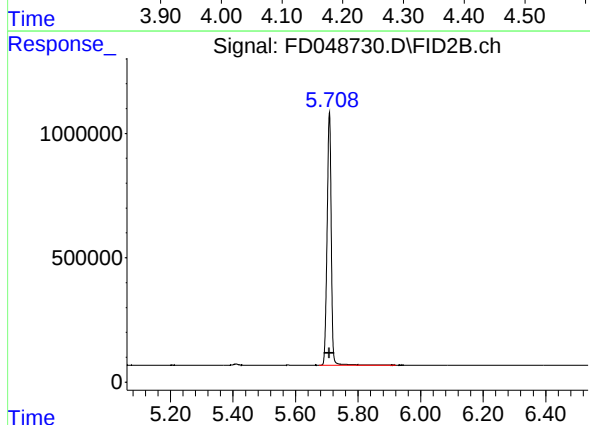




#1 1,2,3-Trimethylbenzene (C10.1)

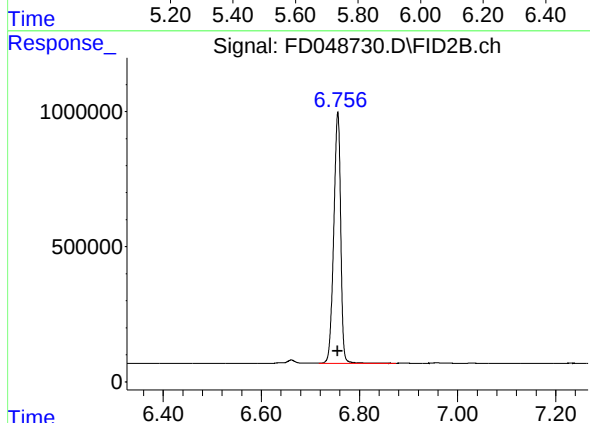
R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 8939308
Conc: 49.55 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



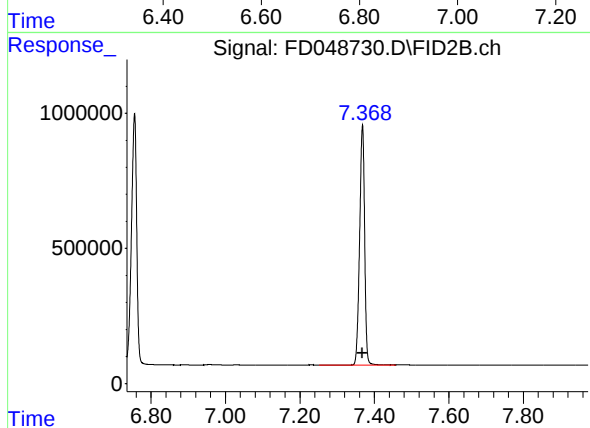
#2 Naphthalene (C11.7)

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 9328622
Conc: 49.64 ug/ml



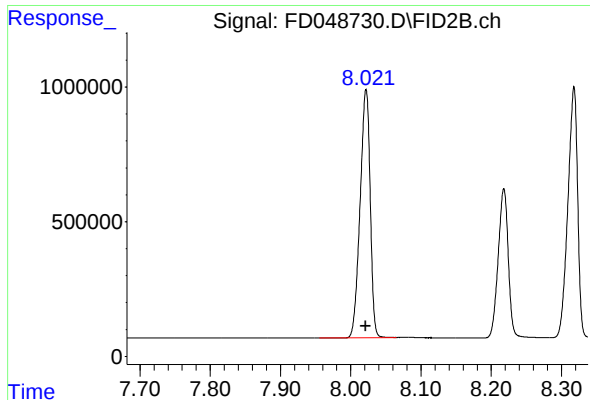
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 9099861
Conc: 49.60 ug/ml



#4 2-Bromonaphthalene (SURR)

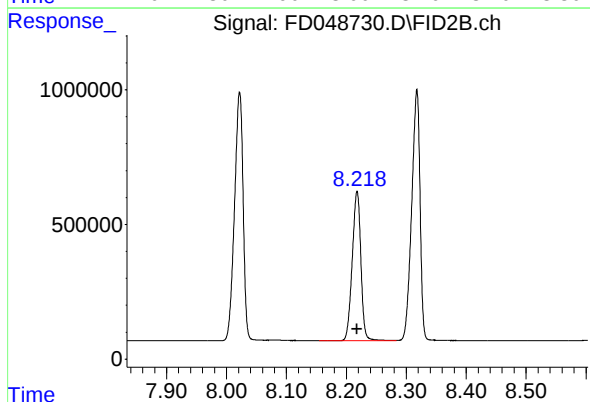
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 8283088
Conc: 49.44 ug/ml



#5 Acenaphthylene (C15.06)

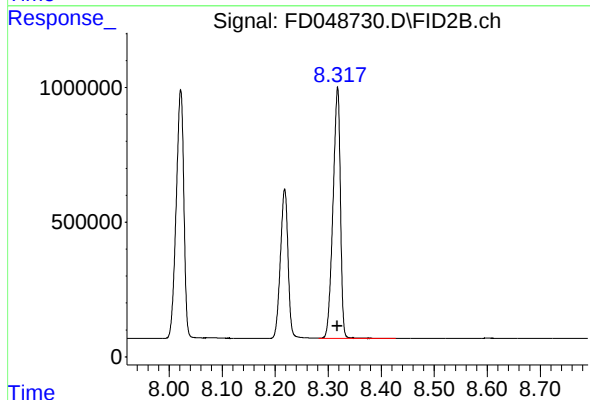
R.T.: 8.022 min
Delta R.T.: 0.000 min
Response: 9189135
Conc: 49.62 ug/ml

Instrument :
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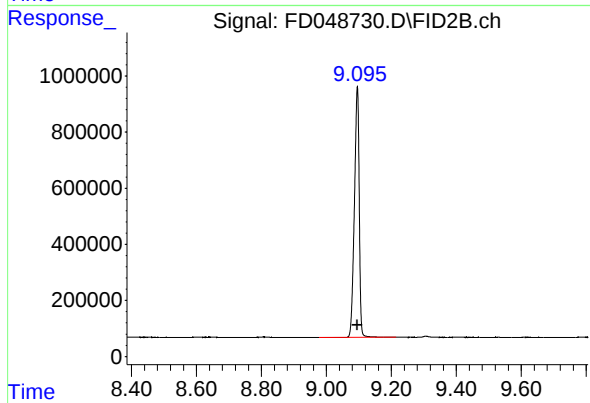
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 5559238
Conc: 49.76 ug/ml



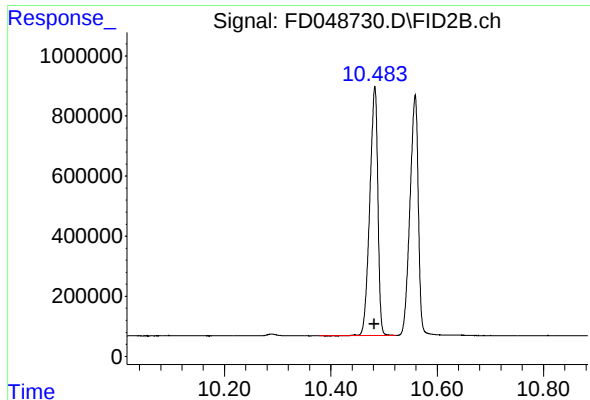
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: 0.000 min
Response: 9040771
Conc: 49.60 ug/ml



#8 Flouorene (C16.55)

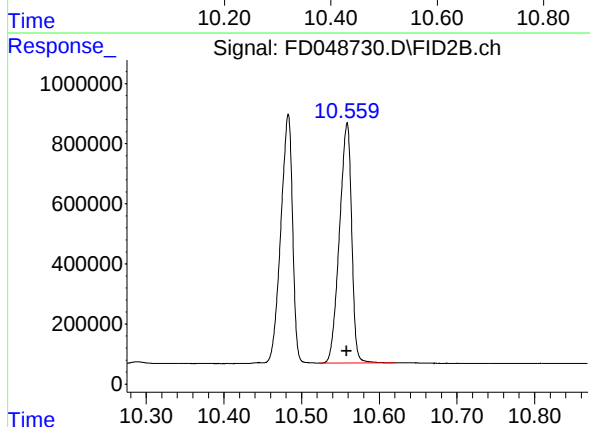
R.T.: 9.095 min
Delta R.T.: 0.000 min
Response: 9136727
Conc: 49.70 ug/ml



#9 Phenanthrene (C19.36)

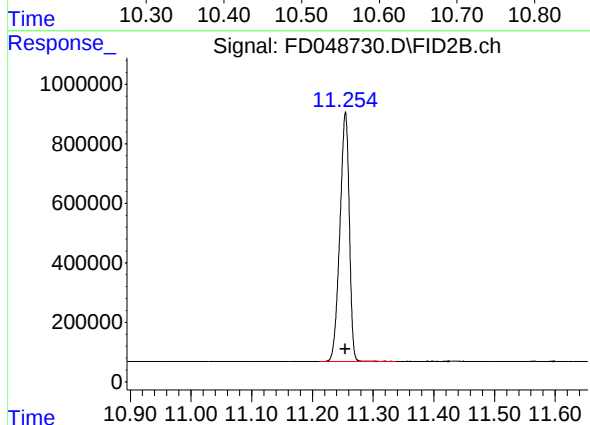
R.T.: 10.482 min
Delta R.T.: 0.000 min
Response: 8716439
Conc: 49.63 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



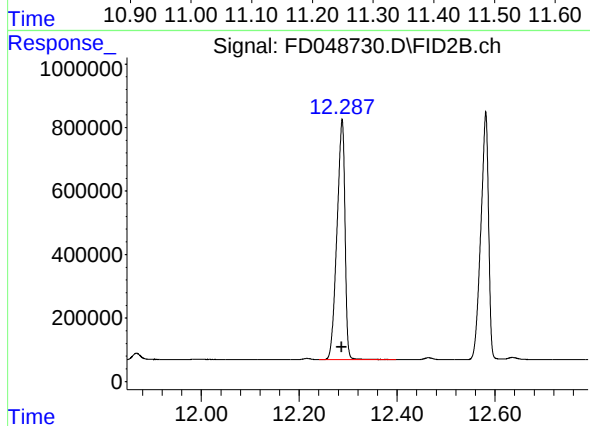
#10 Anthracene (C19.43)

R.T.: 10.558 min
Delta R.T.: 0.000 min
Response: 8726580
Conc: 49.33 ug/ml



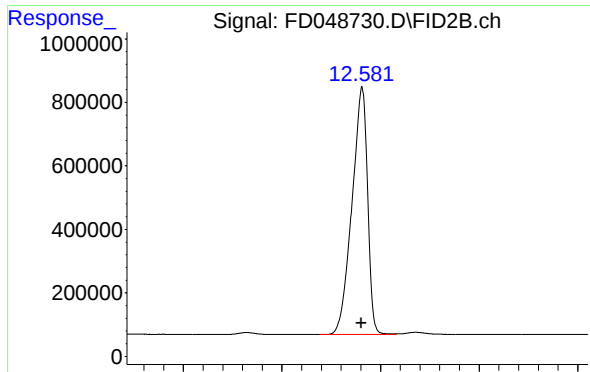
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: 0.000 min
Response: 8996437
Conc: 49.60 ug/ml



#12 Fluoranthene (C21.85)

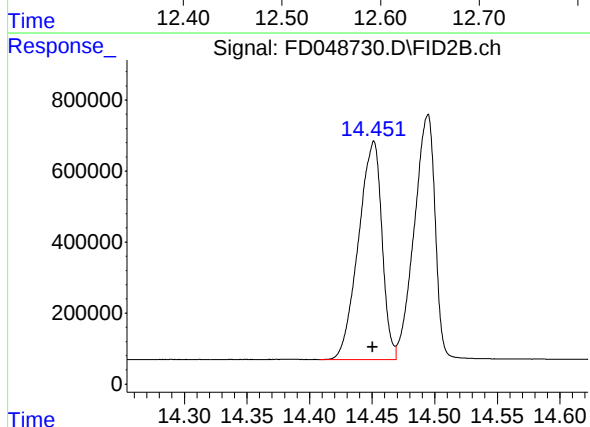
R.T.: 12.287 min
Delta R.T.: 0.000 min
Response: 8602468
Conc: 49.65 ug/ml



#13 Pyrene (C20.8)

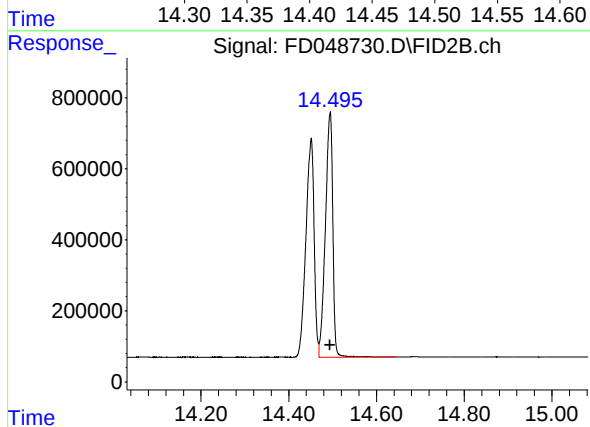
R.T.: 12.581 min
Delta R.T.: 0.000 min
Response: 8542740
Conc: 49.84 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



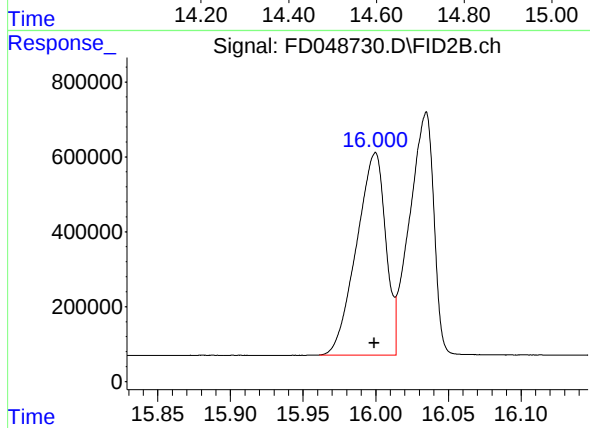
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: 0.000 min
Response: 8014439
Conc: 49.82 ug/ml



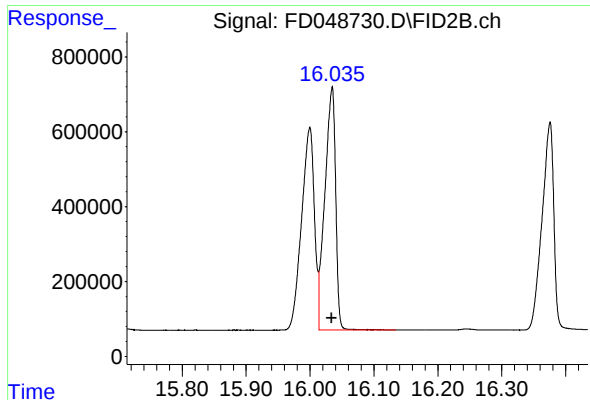
#15 Chrysene (C27.41)

R.T.: 14.494 min
Delta R.T.: 0.000 min
Response: 8069480
Conc: 49.50 ug/ml



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

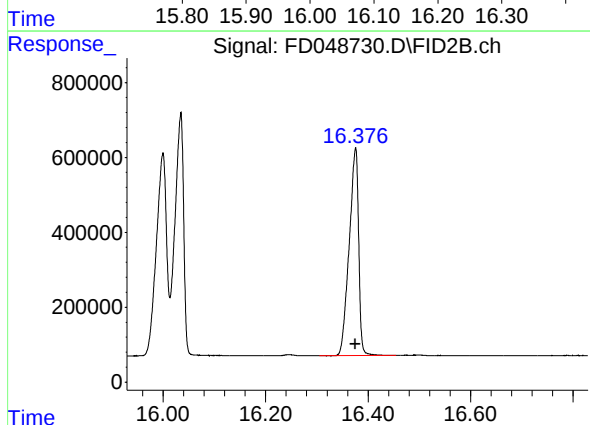
R.T.: 15.999 min
Delta R.T.: 0.000 min
Response: 7563737
Conc: 49.70 ug/ml



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

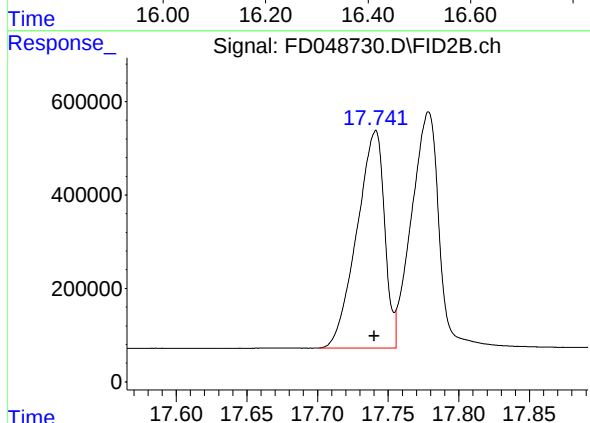
R.T.: 16.034 min
Delta R.T.: 0.000 min
Response: 7564689
Conc: 49.68 ug/ml

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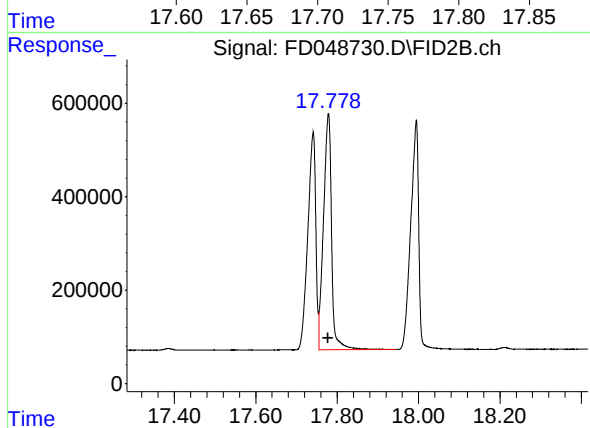
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.375 min
Delta R.T.: 0.000 min
Response: 7116324
Conc: 49.76 ug/ml



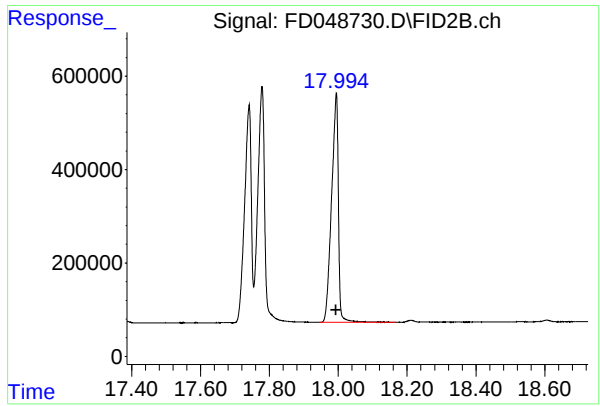
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.740 min
Delta R.T.: 0.000 min
Response: 6332404
Conc: 50.15 ug/ml



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

R.T.: 17.778 min
Delta R.T.: 0.000 min
Response: 6967880
Conc: 49.42 ug/ml



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

R.T.: 17.993 min
Delta R.T.: 0.000 min
Response: 6744596
Conc: 49.75 ug/ml

Instrument :

FID_D

ClientSampleId :

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