

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091124AR\
 Data File : FD048294.D
 Signal(s) : FID2B.ch
 Acq On : 10 Sep 2024 17:16
 Operator : YP/AJ
 Sample : PB163249BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163249BS

Integration File: autoint1.e
 Quant Time: Sep 11 04:48:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.391	7903618	52.113 ug/ml
Spiked Amount 50.000		Recovery =	104.23%
6) S 2-Fluorobiphenyl (SURR)	8.241	4963081	51.943 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.89%
11) S ortho-Terphenyl (SURR)	11.278	7161287	41.740 ug/ml
Spiked Amount 50.000		Recovery =	83.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.212	6734951	38.178 ug/ml
2) T Naphthalene (C11.7)	5.731	7465825	41.285 ug/ml
3) T 2-Methylnaphthalene (...)	6.778	7659700	42.814 ug/ml
5) T Acenaphthylene (C15.06)	8.045	7890760	45.164 ug/ml
7) T Acenaphthene (C15.5)	8.340	7792487	43.814 ug/ml
8) T Fluorene (C16.55)	9.118	7927581	47.343 ug/ml
9) T Phenanthrene (C19.36)	10.506	7919478	49.053 ug/ml
10) T Anthracene (C19.43)	10.581	7698636	48.380 ug/ml
12) T Fluoranthene (C21.85)	12.311	9358896	57.731 ug/ml
13) T Pyrene (C20.8)	12.605	8198266	51.131 ug/ml
14) T Benzo[a]anthracene (C...	14.473	7378314	52.673 ug/ml
15) T Chrysene (C27.41)	14.516	7403603	44.948 ug/ml
16) T benzo[b]fluoranthene ...	16.020	7509777	50.545 ug/ml
17) T Bnezo[k]fluoranthene ...	16.055	7543992	48.982 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.396	7247036	48.982 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.758	6518860	57.692 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	6494520	42.556 ug/ml
21) T Benzo[g,h,i]perylene ...	18.010	6558193	44.492 ug/ml

(f)=RT Delta > 1/2 Window

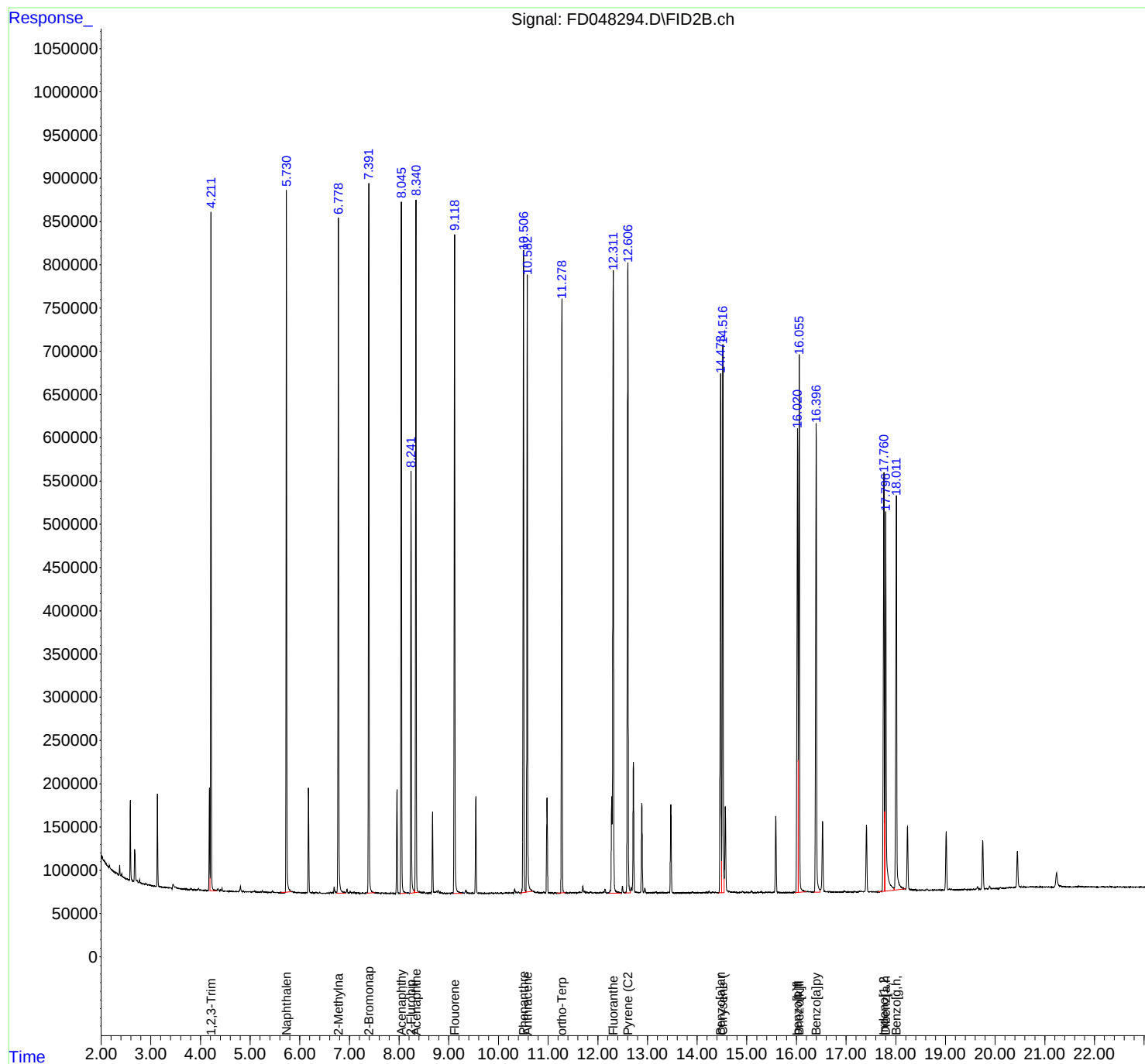
(m)=manual int.

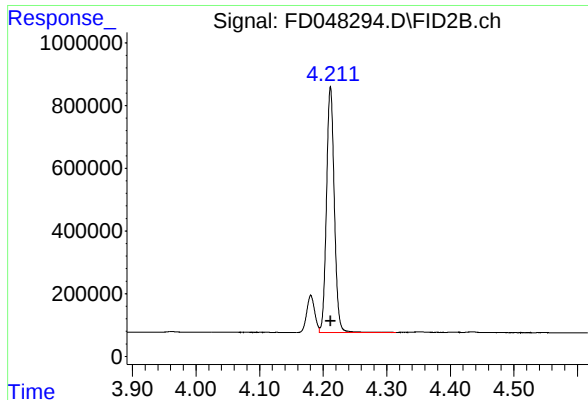
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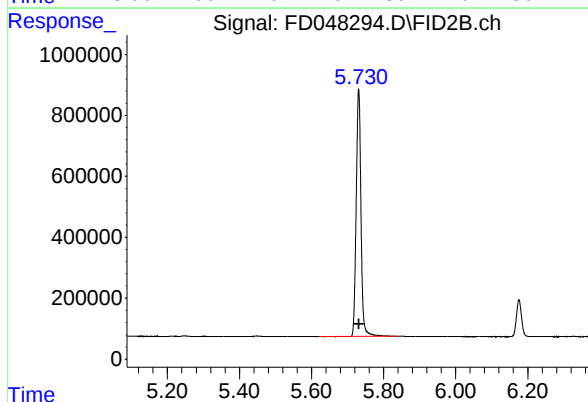




#1 1,2,3-Trimethylbenzene (C10.1)

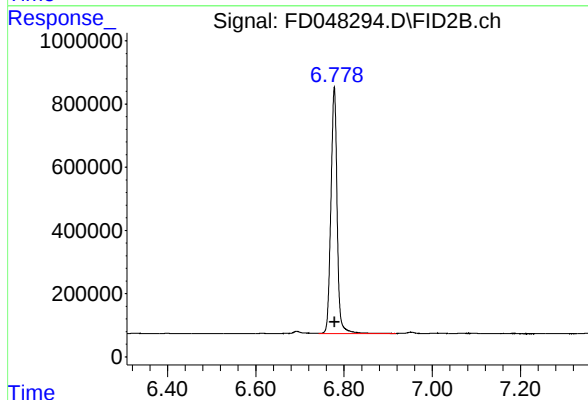
R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 6734951
Conc: 38.18 ug/ml

Instrument :
FID_D
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PB163249BS



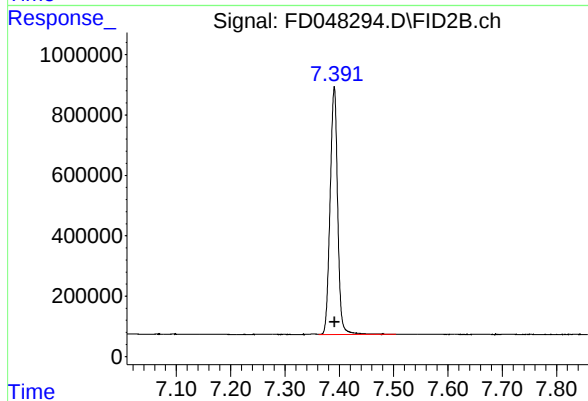
#2 Naphthalene (C11.7)

R.T.: 5.731 min
Delta R.T.: -0.001 min
Response: 7465825
Conc: 41.28 ug/ml



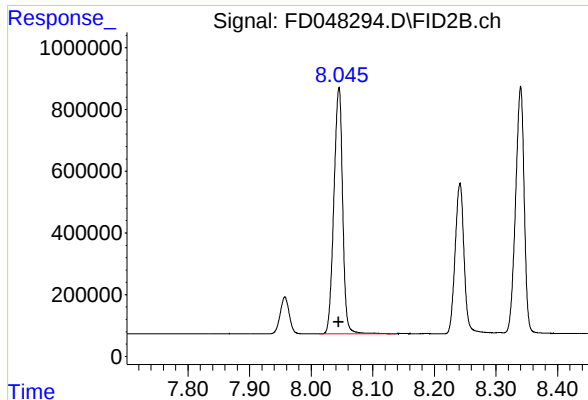
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 7659700
Conc: 42.81 ug/ml



#4 2-Bromonaphthalene (SURR)

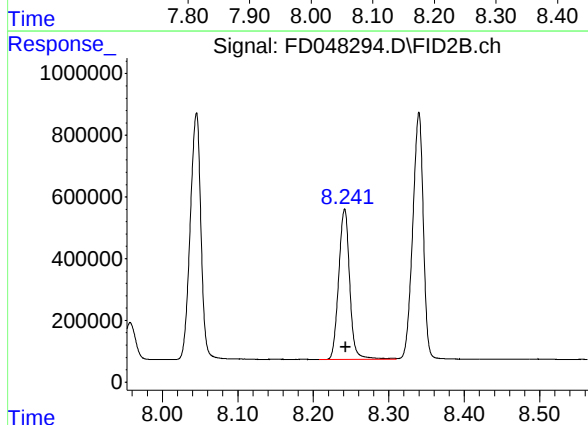
R.T.: 7.391 min
Delta R.T.: -0.001 min
Response: 7903618
Conc: 52.11 ug/ml



#5 Acenaphthylene (C15.06)

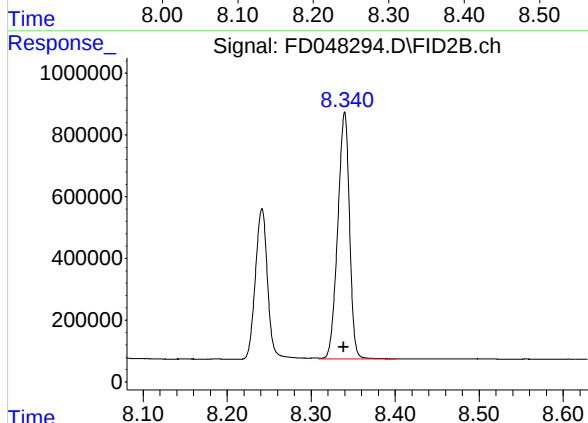
R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 7890760
Conc: 45.16 ug/ml

Instrument :
FID_D
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PB163249BS



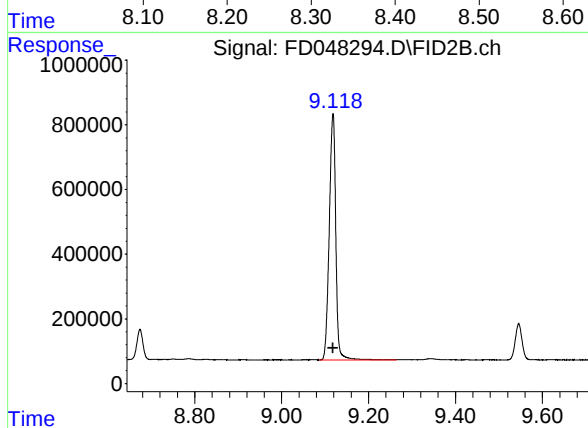
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.241 min
Delta R.T.: -0.001 min
Response: 4963081
Conc: 51.94 ug/ml



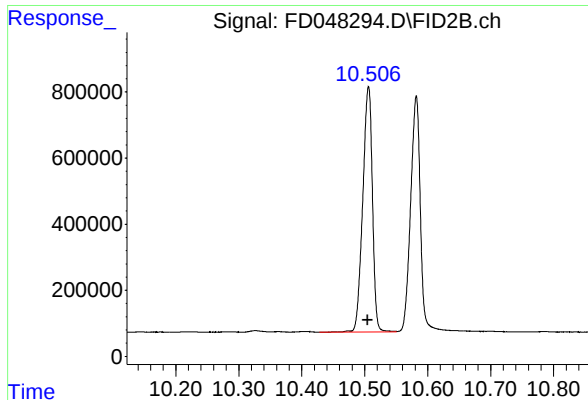
#7 Acenaphthene (C15.5)

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 7792487
Conc: 43.81 ug/ml



#8 Fluorene (C16.55)

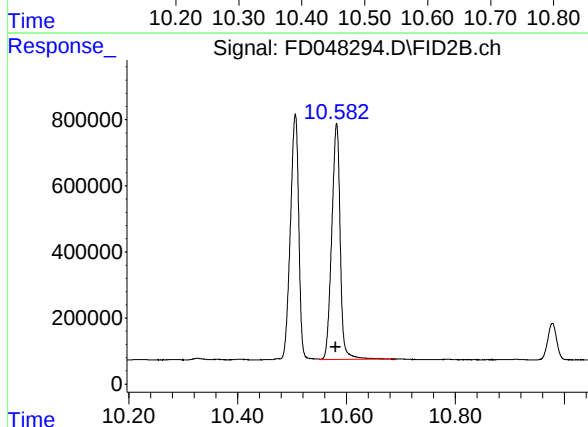
R.T.: 9.118 min
Delta R.T.: 0.000 min
Response: 7927581
Conc: 47.34 ug/ml



#9 Phenanthrene (C19.36)

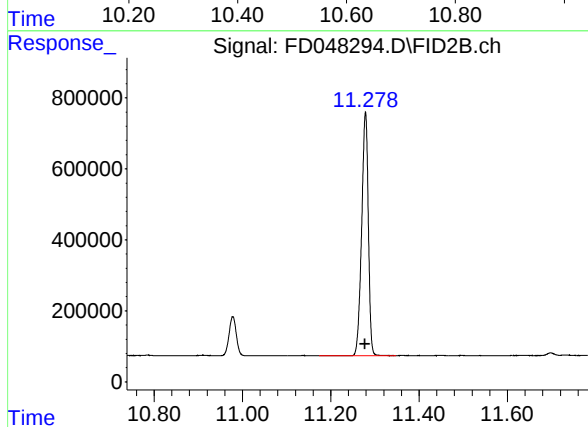
R.T.: 10.506 min
Delta R.T.: 0.001 min
Response: 7919478
Conc: 49.05 ug/ml

Instrument :
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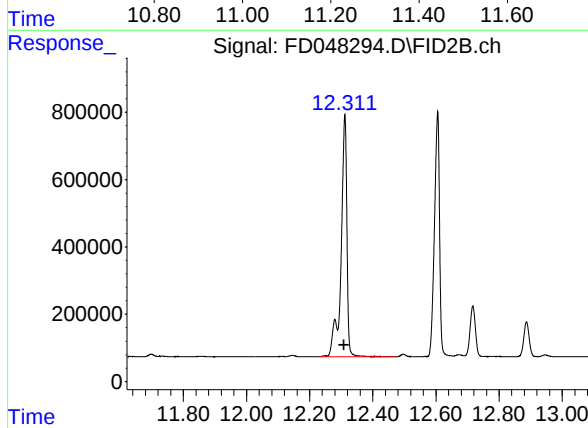
#10 Anthracene (C19.43)

R.T.: 10.581 min
Delta R.T.: 0.001 min
Response: 7698636
Conc: 48.38 ug/ml



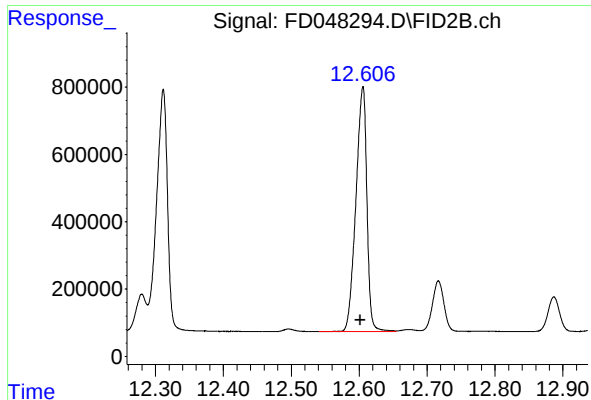
#11 ortho-Terphenyl (SURR)

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 7161287
Conc: 41.74 ug/ml



#12 Fluoranthene (C21.85)

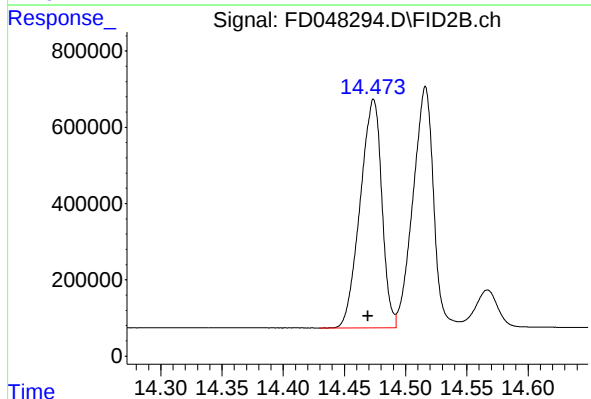
R.T.: 12.311 min
Delta R.T.: 0.002 min
Response: 9358896
Conc: 57.73 ug/ml



#13 Pyrene (C20.8)

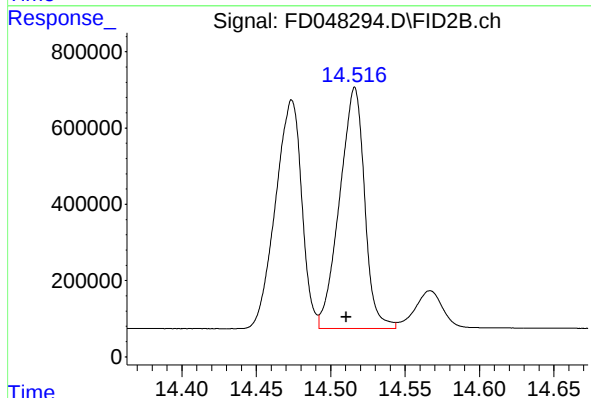
R.T.: 12.605 min
Delta R.T.: 0.003 min
Response: 8198266
Conc: 51.13 ug/ml

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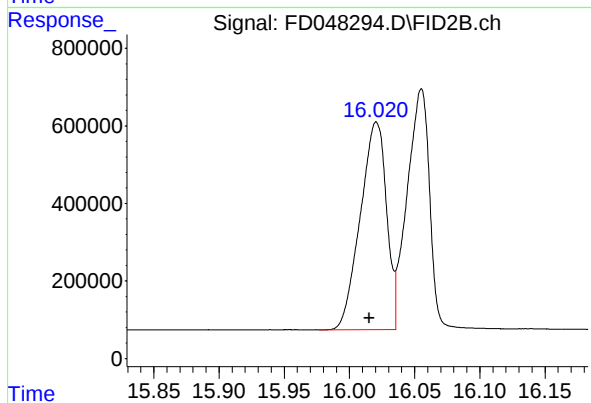
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.473 min
Delta R.T.: 0.004 min
Response: 7378314
Conc: 52.67 ug/ml



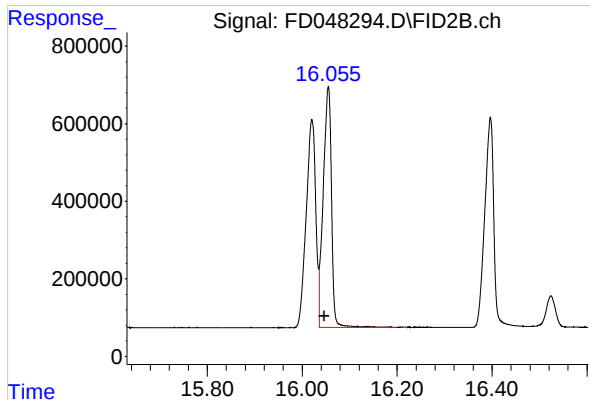
#15 Chrysene (C27.41)

R.T.: 14.516 min
Delta R.T.: 0.005 min
Response: 7403603
Conc: 44.95 ug/ml



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

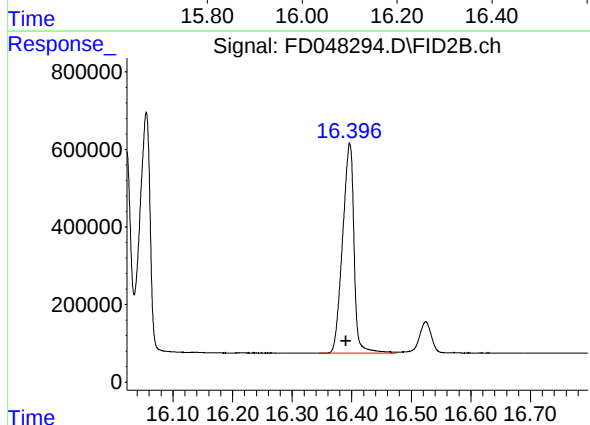
R.T.: 16.020 min
Delta R.T.: 0.005 min
Response: 7509777
Conc: 50.54 ug/ml



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

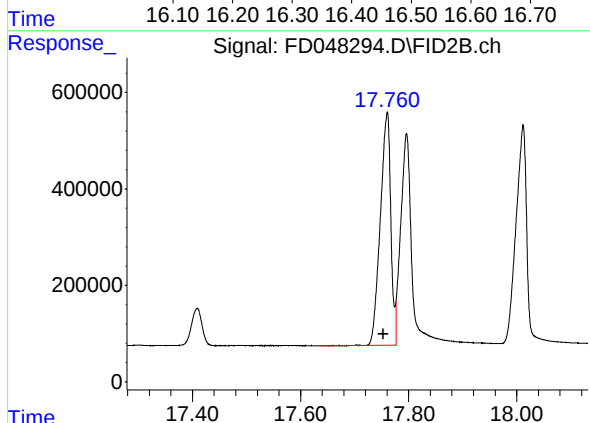
R.T.: 16.055 min
Delta R.T.: 0.008 min
Response: 7543992
Conc: 48.98 ug/ml

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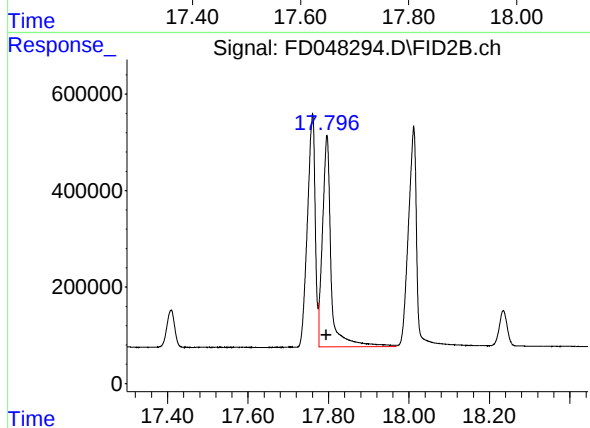
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.396 min
Delta R.T.: 0.006 min
Response: 7247036
Conc: 48.98 ug/ml



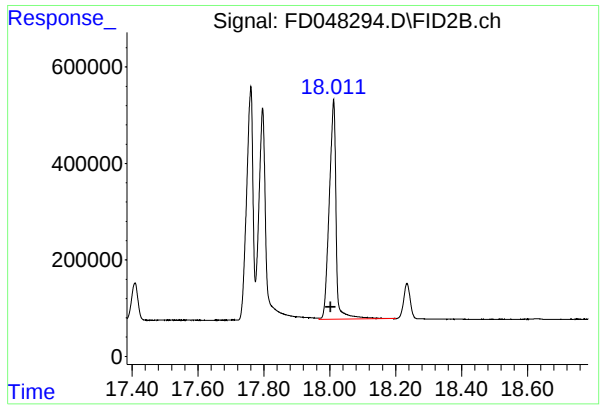
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: 0.005 min
Response: 6518860
Conc: 57.69 ug/ml



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

R.T.: 17.795 min
Delta R.T.: 0.000 min
Response: 6494520
Conc: 42.56 ug/ml



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

R.T.: 18.010 min

Delta R.T.: 0.007 min

Response: 6558193

Conc: 44.49 ug/ml

Instrument :

FID_D

ClientSampleId :

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