

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050123AR\
 Data File : FD045539.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 16:30
 Operator : YP/AJ
 Sample : 02407-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 02 04:17:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.548	7485563	51.776 ug/ml
Spiked Amount 50.000		Recovery =	103.55%
6) S 2-Fluorobiphenyl (SURR)	8.404	4356716	46.721 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.44%
11) S ortho-Terphenyl (SURR)	11.443	6172148	34.487 ug/ml
Spiked Amount 50.000		Recovery =	68.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	7025658	41.931 ug/ml
2) T Naphthalene (C11.7)	5.886	8157676	47.666 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	8345365	49.327 ug/ml
5) T Acenaphthylene (C15.06)	8.210	9048108	59.810 ug/ml
7) T Acenaphthene (C15.5)	8.506	9514736	58.686 ug/ml
8) T Fluorene (C16.55)	9.285	9005059	58.461 ug/ml
9) T Phenanthrene (C19.36)	10.675	8783865	58.884 ug/ml
10) T Anthracene (C19.43)	10.751	8510082	65.881 ug/ml
12) T Fluoranthene (C21.85)	12.482	8737420	59.367 ug/ml
13) T Pyrene (C20.8)	12.777	8739205	60.921 ug/ml
14) T Benzo[a]anthracene (C...	14.642	7800119	59.522 ug/ml
15) T Chrysene (C27.41)	14.686	7784400	57.025 ug/ml
16) T benzo[b]fluoranthene ...	16.187	7944216	59.496 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	7581599	56.677 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.562	6916130	54.050 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.922	6788823	54.044 ug/ml
20) T Dibenz[a,h]anthracene...	17.963	6819136	50.057 ug/ml
21) T Benzo[g,h,i]perylene ...	18.179	7287056	55.623 ug/ml

(f)=RT Delta > 1/2 Window

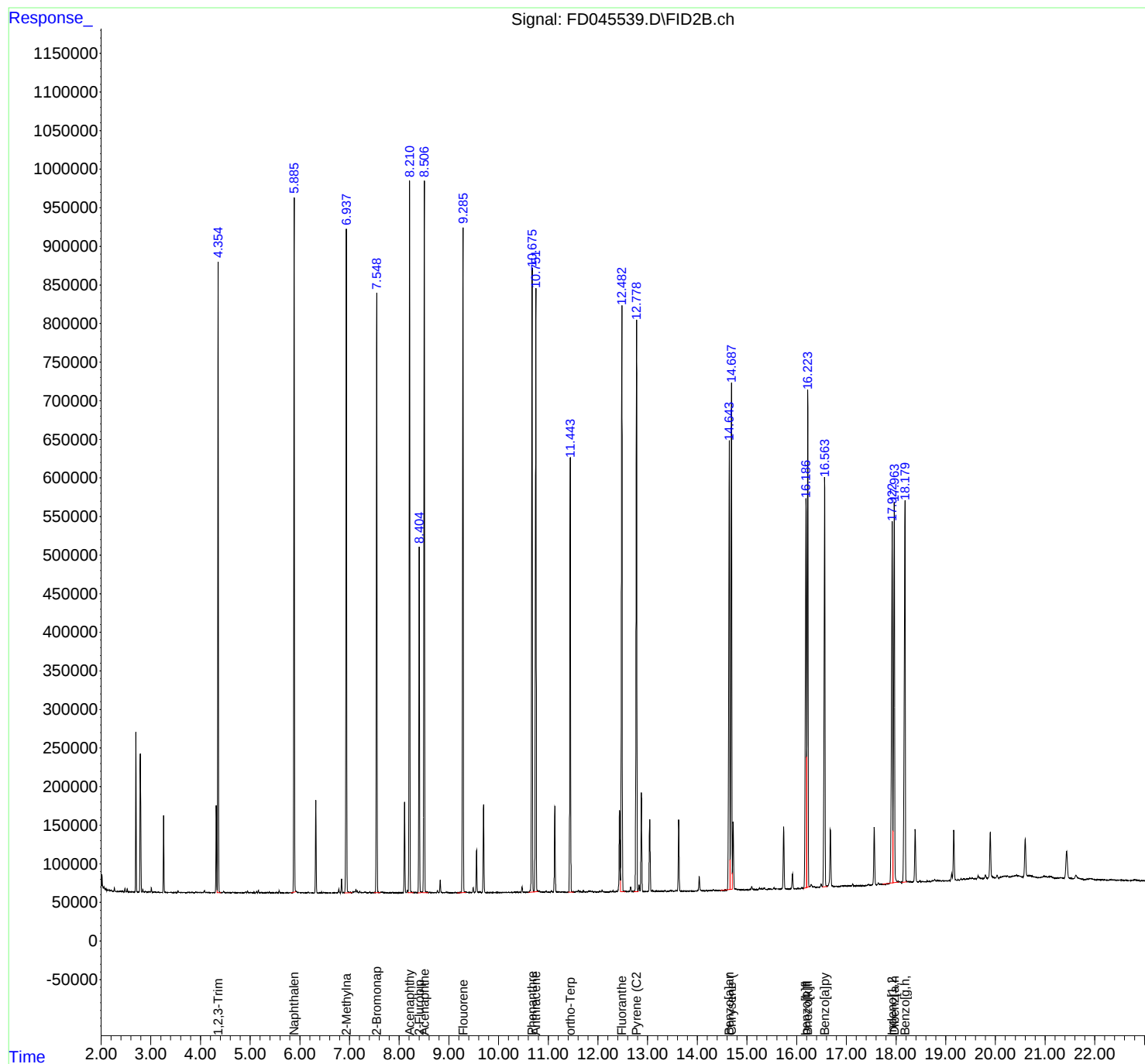
(m)=manual int.

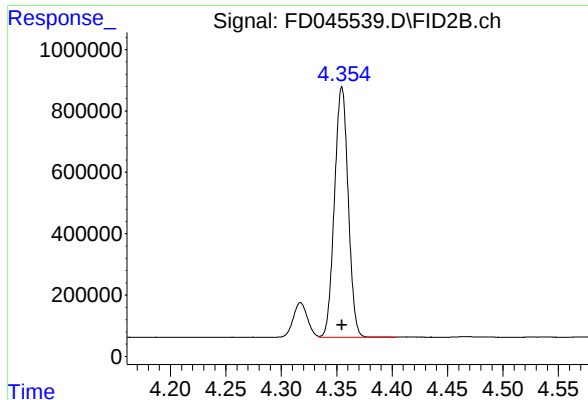
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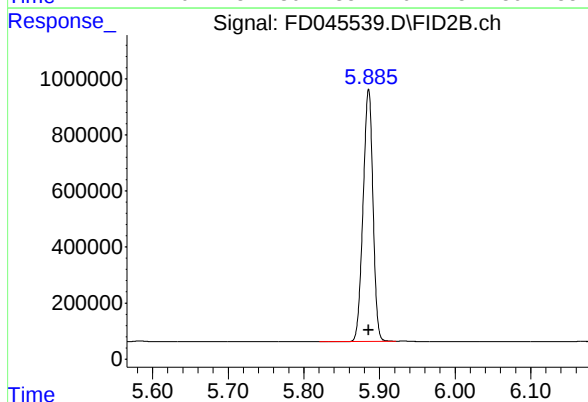




#1 1,2,3-Trimethylbenzene (C10.1)

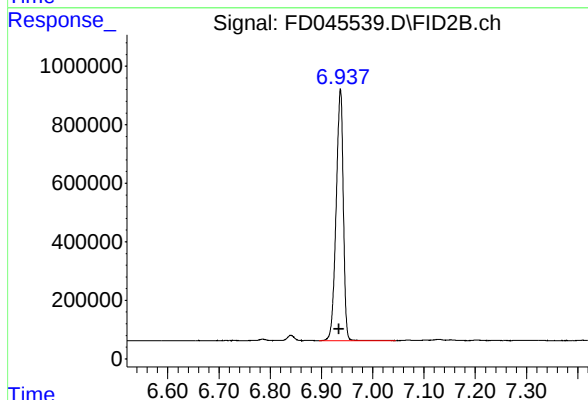
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 7025658
Conc: 41.93 ug/ml

Instrument :
FID_D
ClientSampleId :



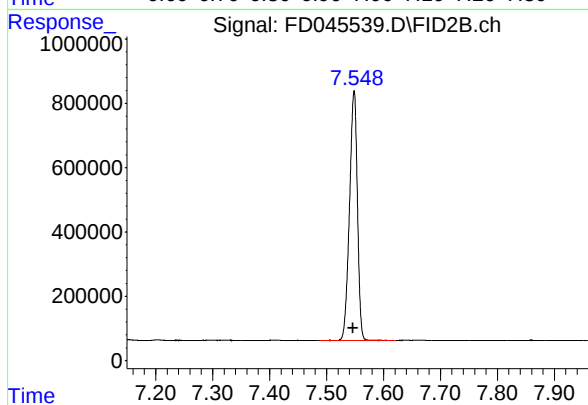
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 8157676
Conc: 47.67 ug/ml



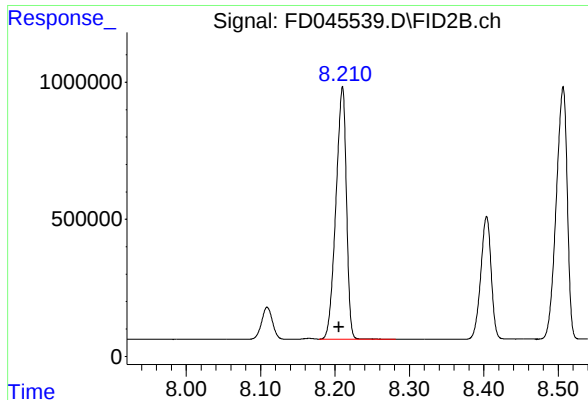
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: 0.002 min
Response: 8345365
Conc: 49.33 ug/ml



#4 2-Bromonaphthalene (SURR)

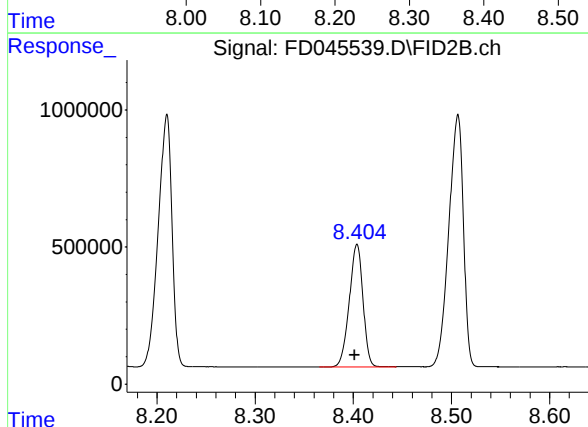
R.T.: 7.548 min
Delta R.T.: 0.002 min
Response: 7485563
Conc: 51.78 ug/ml



#5 Acenaphthylene (C15.06)

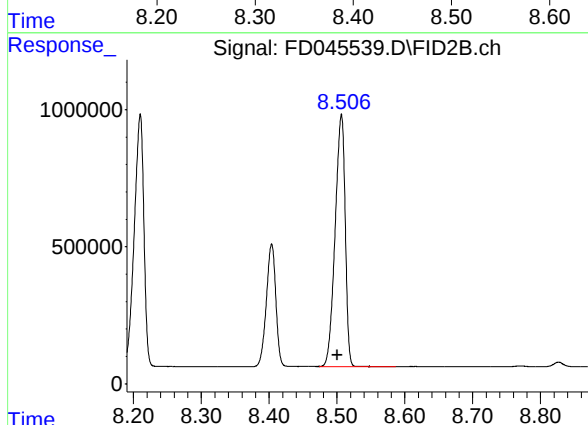
R.T.: 8.210 min
Delta R.T.: 0.004 min
Response: 9048108
Conc: 59.81 ug/ml

Instrument :
FID_D
ClientSampleId :



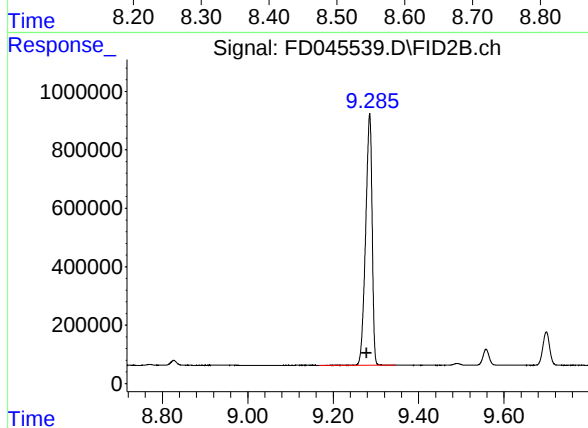
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.002 min
Response: 4356716
Conc: 46.72 ug/ml



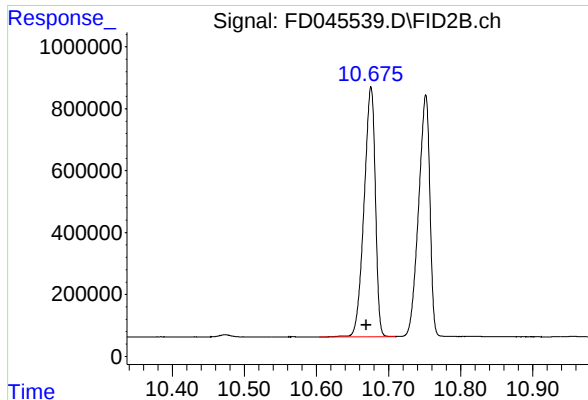
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: 0.005 min
Response: 9514736
Conc: 58.69 ug/ml



#8 Flouorene (C16.55)

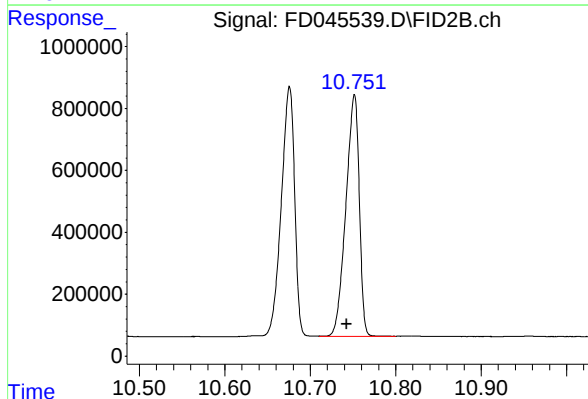
R.T.: 9.285 min
Delta R.T.: 0.007 min
Response: 9005059
Conc: 58.46 ug/ml



#9 Phenanthrene (C19.36)

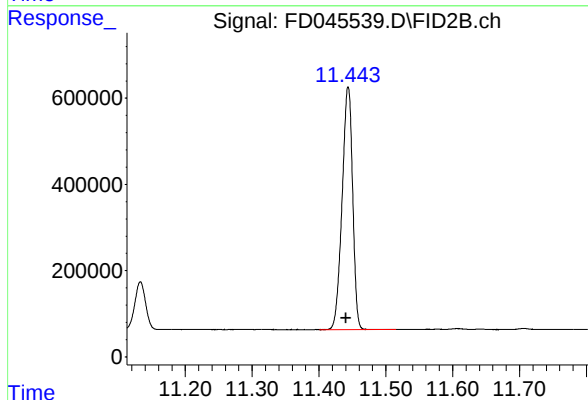
R.T.: 10.675 min
Delta R.T.: 0.006 min
Response: 8783865
Conc: 58.88 ug/ml

Instrument :
FID_D
ClientSampleId :



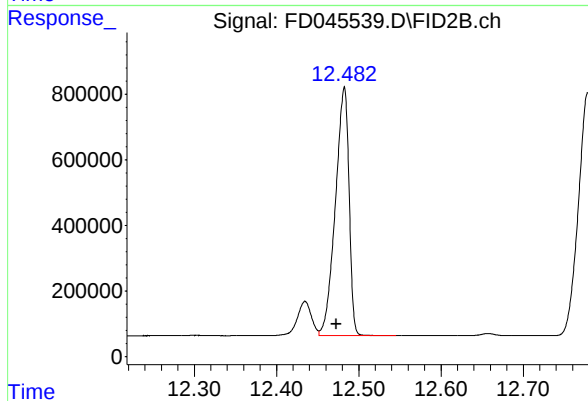
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.009 min
Response: 8510082
Conc: 65.88 ug/ml



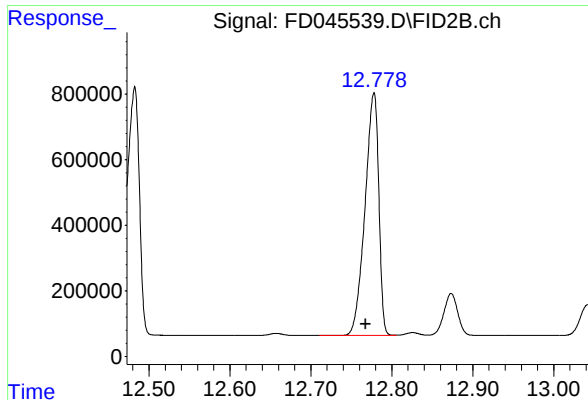
#11 ortho-Terphenyl (SURRE)

R.T.: 11.443 min
Delta R.T.: 0.003 min
Response: 6172148
Conc: 34.49 ug/ml



#12 Fluoranthene (C21.85)

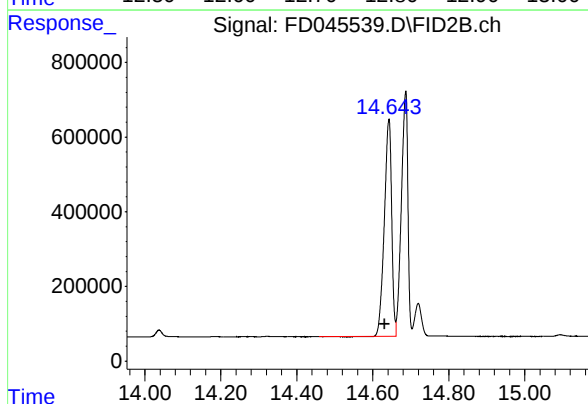
R.T.: 12.482 min
Delta R.T.: 0.009 min
Response: 8737420
Conc: 59.37 ug/ml



#13 Pyrene (C20.8)

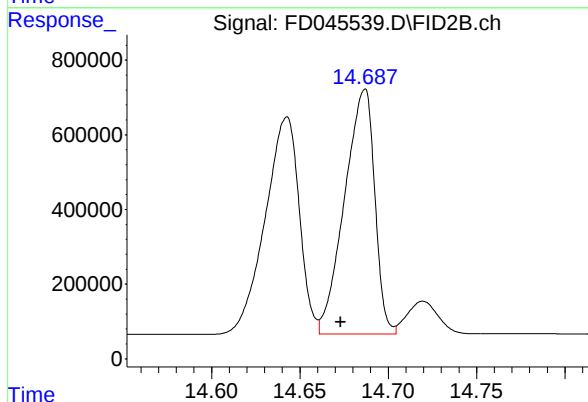
R.T.: 12.777 min
Delta R.T.: 0.010 min
Response: 8739205
Conc: 60.92 ug/ml

Instrument :
FID_D
ClientSampleId :



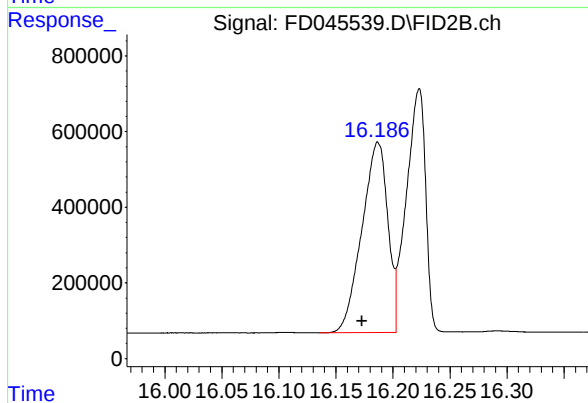
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.011 min
Response: 7800119
Conc: 59.52 ug/ml



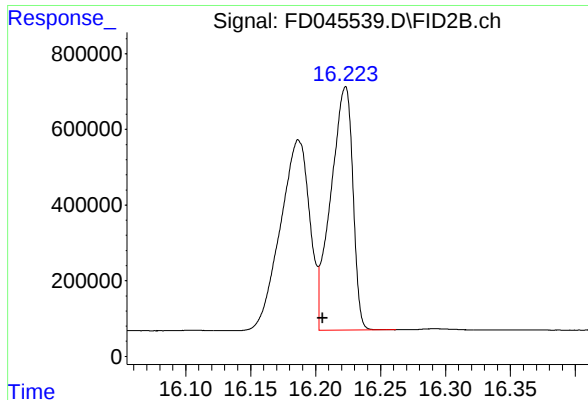
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: 0.013 min
Response: 7784400
Conc: 57.02 ug/ml



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

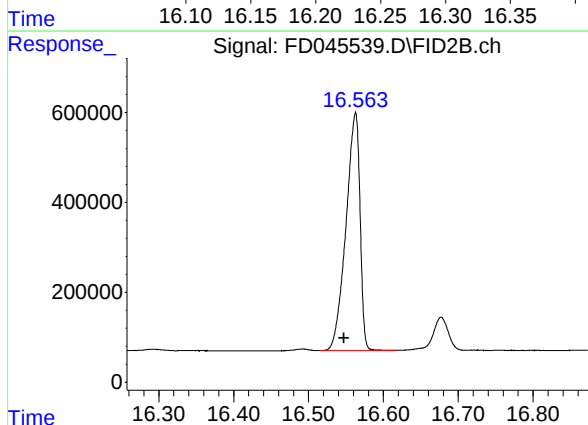
R.T.: 16.187 min
Delta R.T.: 0.014 min
Response: 7944216
Conc: 59.50 ug/ml



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

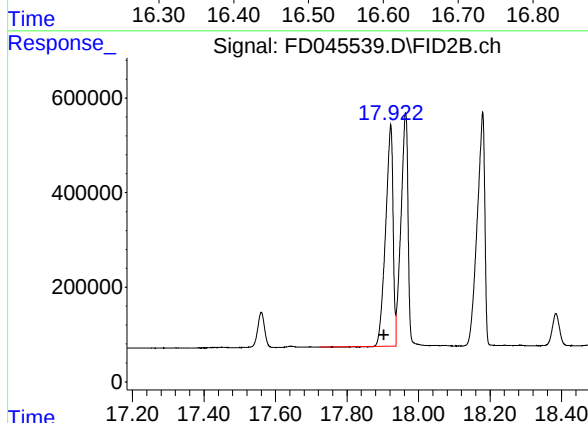
R.T.: 16.222 min
Delta R.T.: 0.017 min
Response: 7581599
Conc: 56.68 ug/ml

Instrument :
FID_D
ClientSampleId :



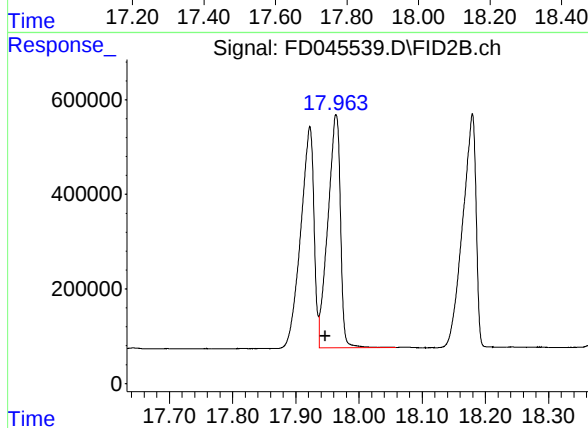
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.562 min
Delta R.T.: 0.015 min
Response: 6916130
Conc: 54.05 ug/ml



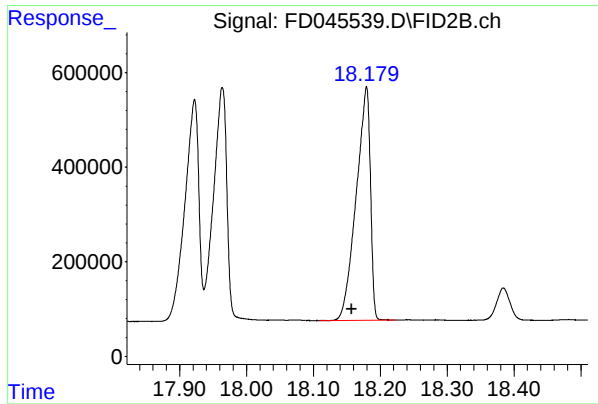
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.922 min
Delta R.T.: 0.018 min
Response: 6788823
Conc: 54.04 ug/ml



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

R.T.: 17.963 min
Delta R.T.: 0.017 min
Response: 6819136
Conc: 50.06 ug/ml



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

R.T.: 18.179 min
Delta R.T.: 0.021 min
Response: 7287056
Conc: 55.62 ug/ml

Instrument :
FID_D
ClientSampleId :