

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073024AR\
 Data File : FD048085.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 02:57
 Operator : YP/AJ
 Sample : P3396-15
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P001-CF05-01MSD

Integration File: autoint1.e
 Quant Time: Jul 31 04:56:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.408	8074890	54.331 ug/ml
Spiked Amount 50.000		Recovery =	108.66%
6) S 2-Fluorobiphenyl (SURR)	8.259	5144366	54.357 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.71%
11) S ortho-Terphenyl (SURR)	11.297	7352687	43.944 ug/ml
Spiked Amount 50.000		Recovery =	87.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	4938845	29.494 ug/ml
2) T Naphthalene (C11.7)	5.746	5624251	32.545 ug/ml
3) T 2-Methylnaphthalene (...)	6.794	5826265	33.586 ug/ml
5) T Acenaphthylene (C15.06)	8.061	5984403	34.921 ug/ml
7) T Acenaphthene (C15.5)	8.357	5962649	34.372 ug/ml
8) T Fluorene (C16.55)	9.135	6091763	37.506 ug/ml
9) T Phenanthrene (C19.36)	10.523	6153364	38.746 ug/ml
10) T Anthracene (C19.43)	10.599	6139858	38.885 ug/ml
12) T Fluoranthene (C21.85)	12.329	7234247	45.690 ug/ml
13) T Pyrene (C20.8)	12.623	6437899	40.713 ug/ml
14) T Benzo[a]anthracene (C...	14.492	5988186	43.861 ug/ml
15) T Chrysene (C27.41)	14.535	6061053	37.599 ug/ml
16) T benzo[b]fluoranthene ...	16.039	5880667	40.856 ug/ml
17) T Bnezo[k]fluoranthene ...	16.074	5896080	39.476 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.415	5601120	39.546 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.781	6104077	54.121 ug/ml
20) T Dibenz[a,h]anthracene...	17.820	5687929	39.137 ug/ml
21) T Benzo[g,h,i]perylene ...	18.032	5422140	36.793 ug/ml

(f)=RT Delta > 1/2 Window

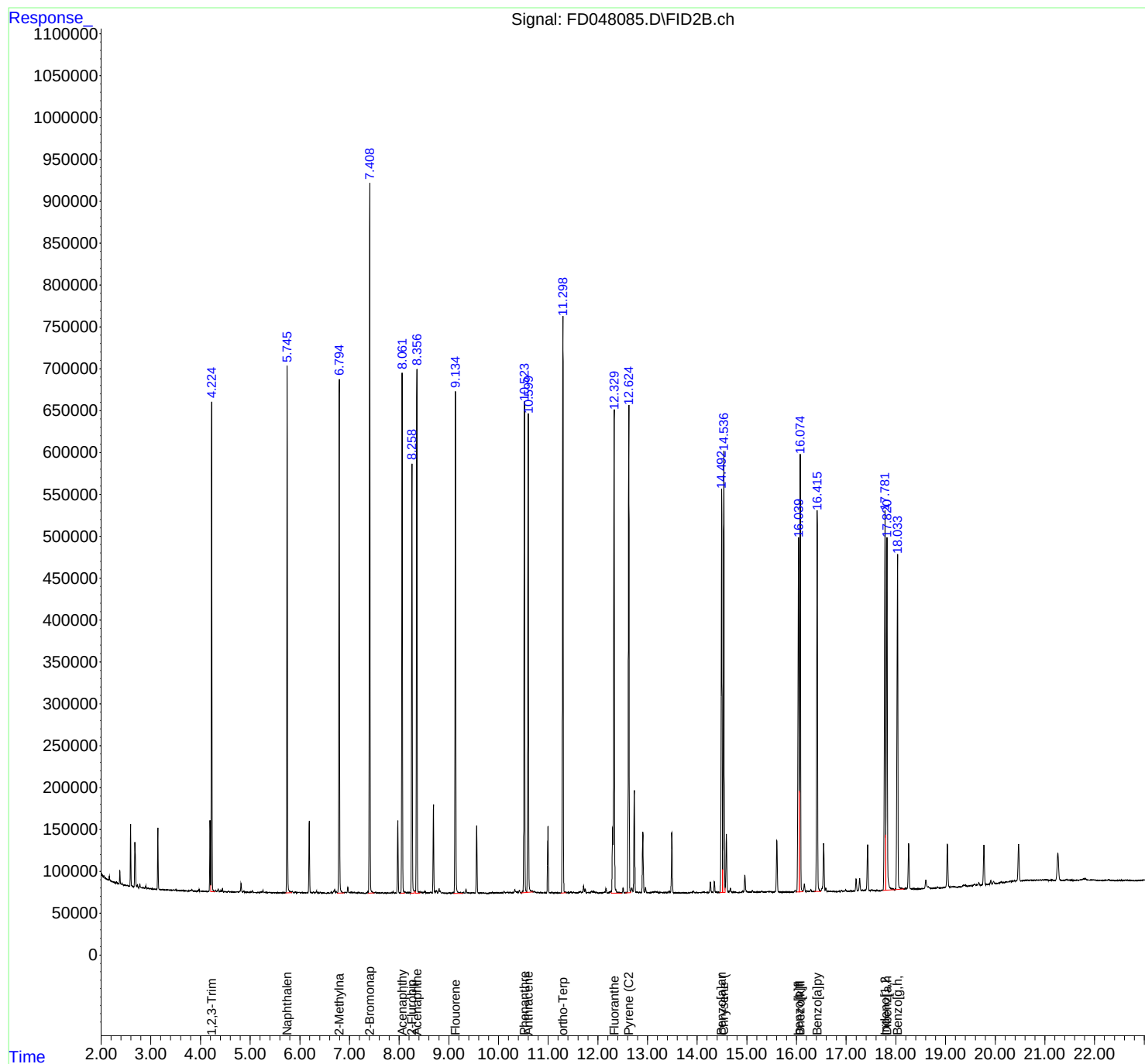
(m)=manual int.

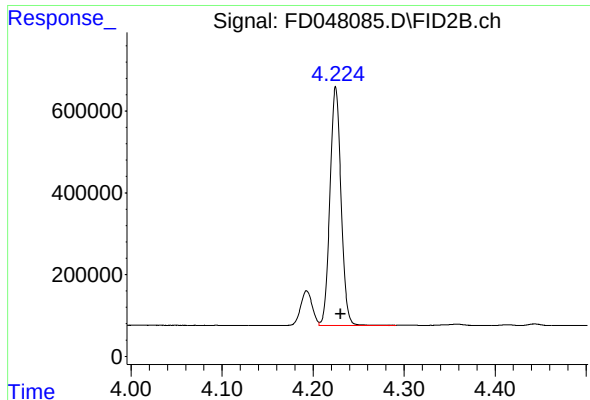
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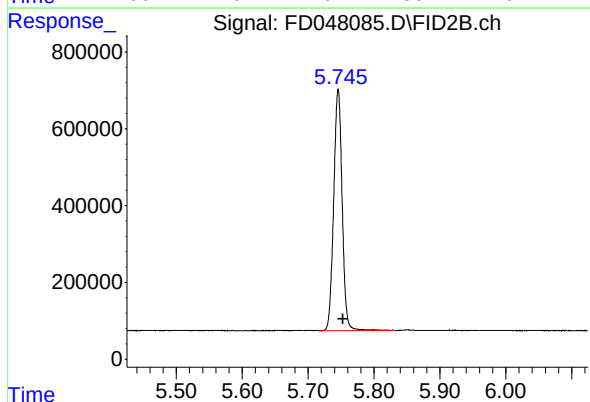




#1 1,2,3-Trimethylbenzene (C10.1)

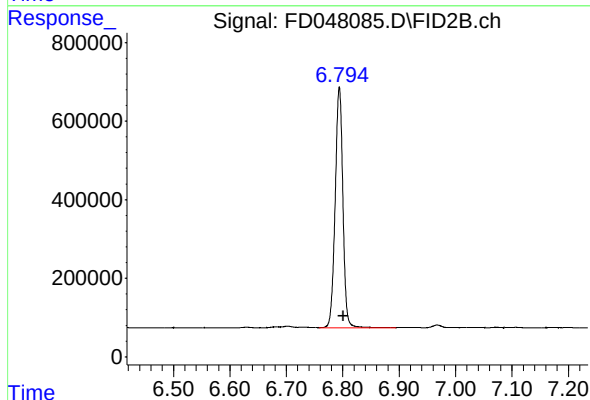
R.T.: 4.225 min
Delta R.T.: -0.005 min
Response: 4938845
Conc: 29.49 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CF05-01MSD



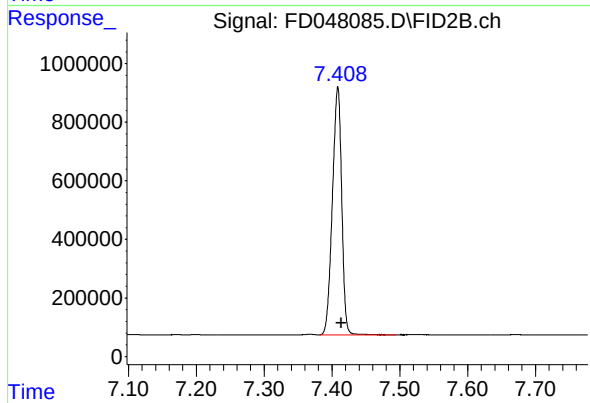
#2 Naphthalene (C11.7)

R.T.: 5.746 min
Delta R.T.: -0.008 min
Response: 5624251
Conc: 32.55 ug/ml



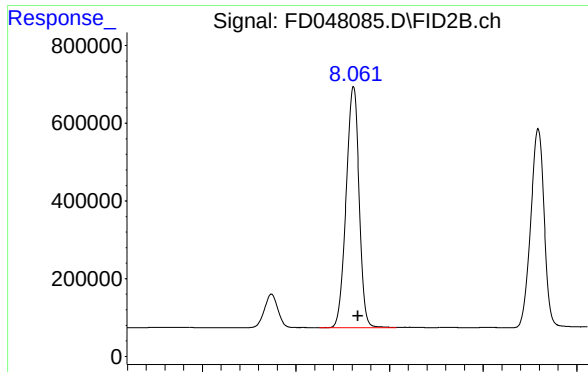
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.794 min
Delta R.T.: -0.007 min
Response: 5826265
Conc: 33.59 ug/ml



#4 2-Bromonaphthalene (SURR)

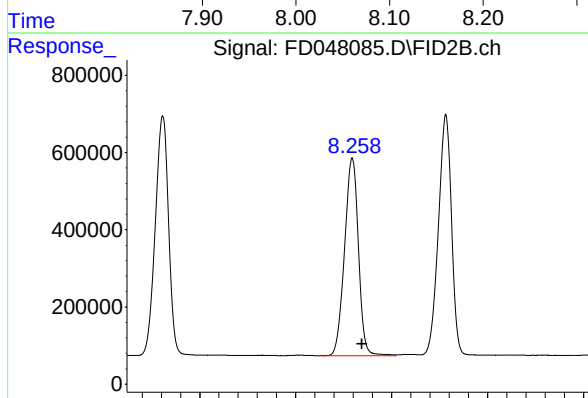
R.T.: 7.408 min
Delta R.T.: -0.005 min
Response: 8074890
Conc: 54.33 ug/ml



#5 Acenaphthylene (C15.06)

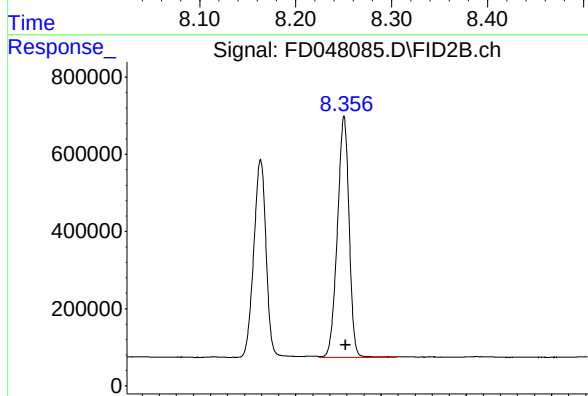
R.T.: 8.061 min
Delta R.T.: -0.005 min
Response: 5984403
Conc: 34.92 ug/ml

Instrument :
FID_D
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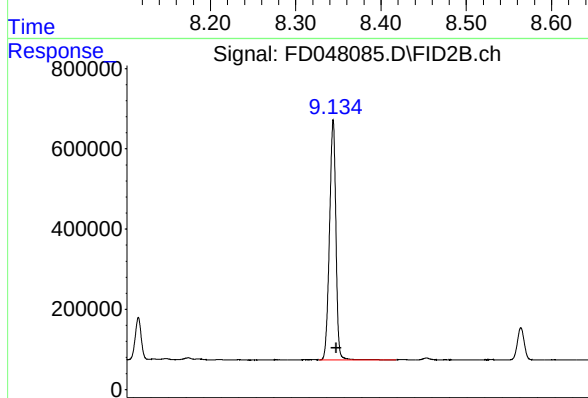
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.259 min
Delta R.T.: -0.010 min
Response: 5144366
Conc: 54.36 ug/ml



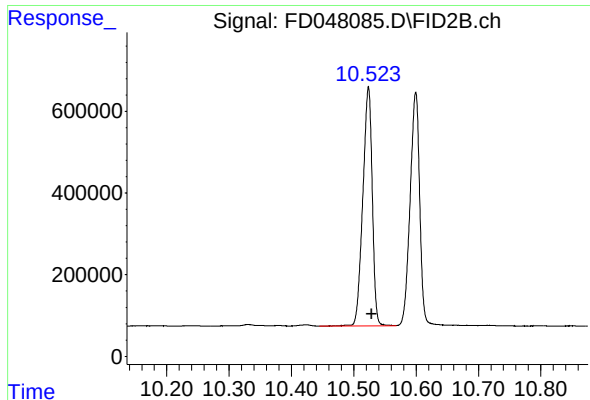
#7 Acenaphthene (C15.5)

R.T.: 8.357 min
Delta R.T.: -0.002 min
Response: 5962649
Conc: 34.37 ug/ml



#8 Flouorene (C16.55)

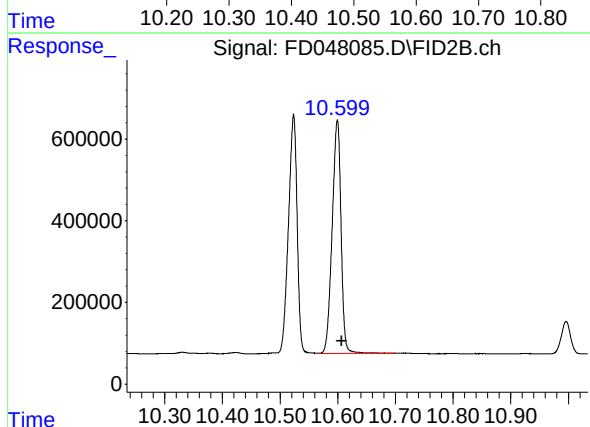
R.T.: 9.135 min
Delta R.T.: -0.007 min
Response: 6091763
Conc: 37.51 ug/ml



#9 Phenanthrene (C19.36)

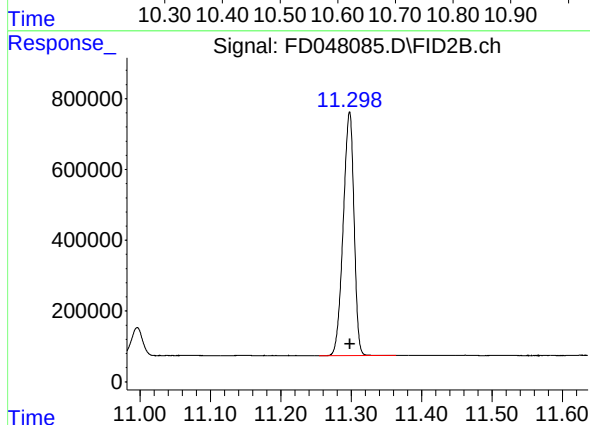
R.T.: 10.523 min
Delta R.T.: -0.005 min
Response: 6153364
Conc: 38.75 ug/ml

Instrument :
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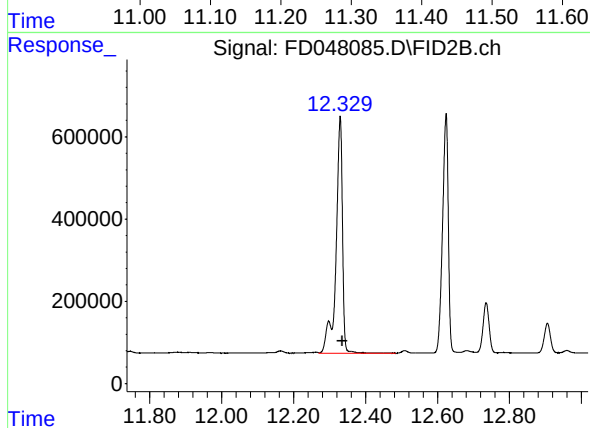
#10 Anthracene (C19.43)

R.T.: 10.599 min
Delta R.T.: -0.008 min
Response: 6139858
Conc: 38.88 ug/ml



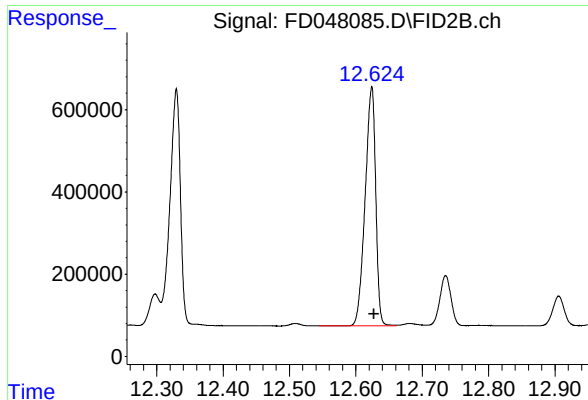
#11 ortho-Terphenyl (SURR)

R.T.: 11.297 min
Delta R.T.: -0.001 min
Response: 7352687
Conc: 43.94 ug/ml



#12 Fluoranthene (C21.85)

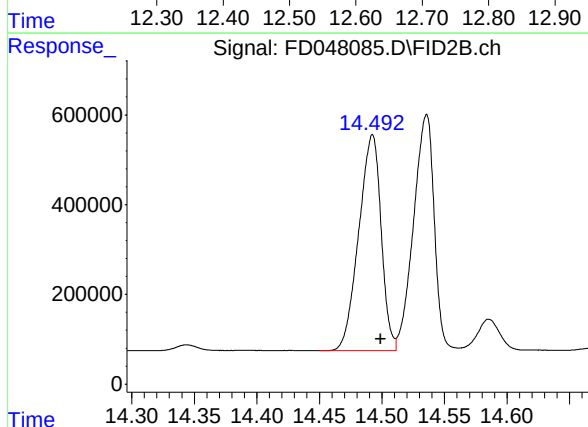
R.T.: 12.329 min
Delta R.T.: -0.007 min
Response: 7234247
Conc: 45.69 ug/ml



#13 Pyrene (C20.8)

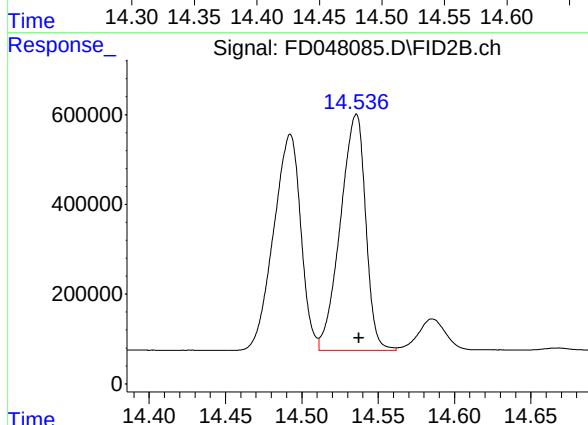
R.T.: 12.623 min
Delta R.T.: -0.004 min
Response: 6437899
Conc: 40.71 ug/ml

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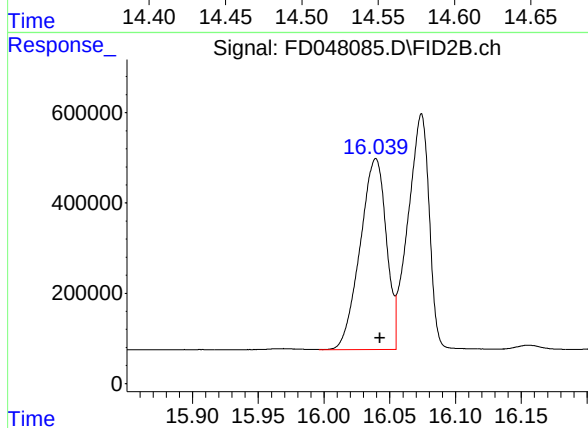
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.492 min
Delta R.T.: -0.007 min
Response: 5988186
Conc: 43.86 ug/ml



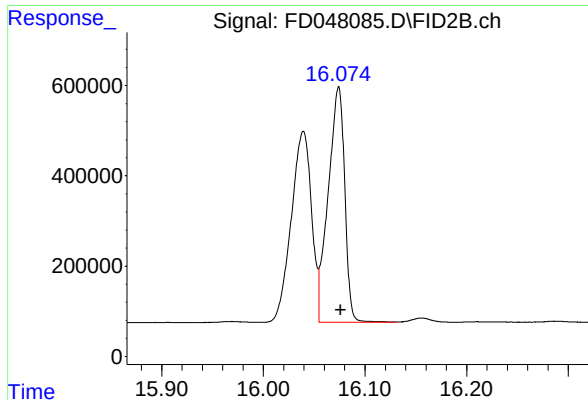
#15 Chrysene (C27.41)

R.T.: 14.535 min
Delta R.T.: -0.002 min
Response: 6061053
Conc: 37.60 ug/ml



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

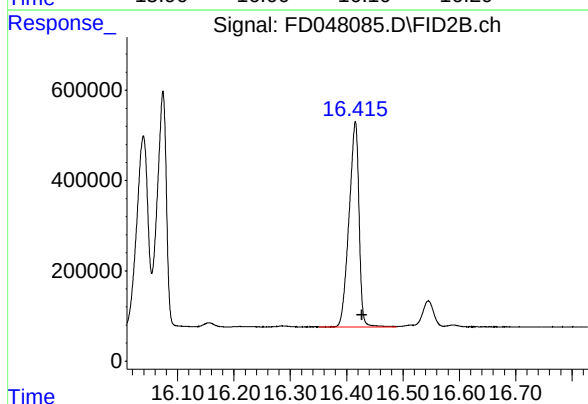
R.T.: 16.039 min
Delta R.T.: -0.004 min
Response: 5880667
Conc: 40.86 ug/ml



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

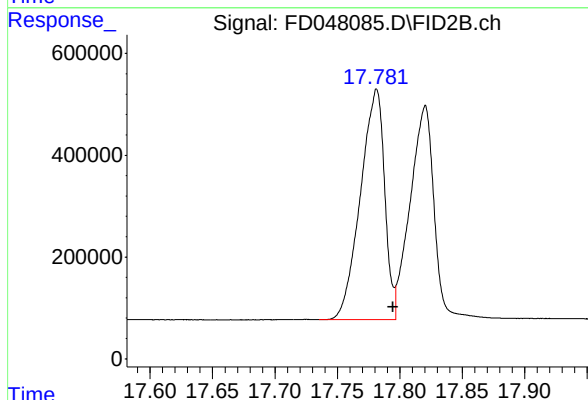
R.T.: 16.074 min
Delta R.T.: -0.002 min
Response: 5896080
Conc: 39.48 ug/ml

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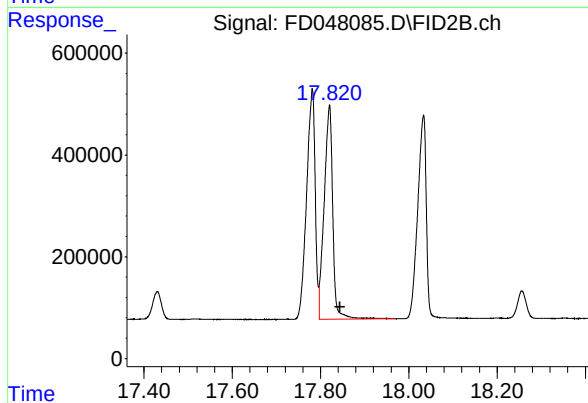
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.415 min
Delta R.T.: -0.012 min
Response: 5601120
Conc: 39.55 ug/ml



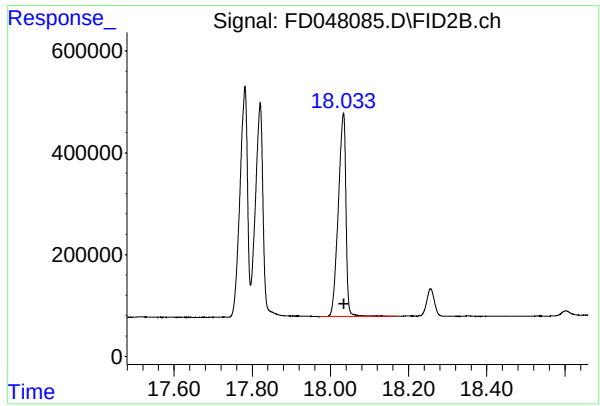
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.781 min
Delta R.T.: -0.014 min
Response: 6104077
Conc: 54.12 ug/ml



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

R.T.: 17.820 min
Delta R.T.: -0.024 min
Response: 5687929
Conc: 39.14 ug/ml



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

R.T.: 18.032 min
Delta R.T.: -0.002 min
Response: 5422140
Conc: 36.79 ug/ml

Instrument :

FID_D

ClientSampleId :

P001-CF05-01MSD