

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045865.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 07:21
 Operator : YP/AJ
 Sample : 03255-03MSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EPH-SB-24MSD

Integration File: autoint1.e
 Quant Time: Jun 19 01:15:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.529	10373018	57.536 ug/ml
Spiked Amount 50.000		Recovery =	115.07%
6) S 2-Fluorobiphenyl (SURR)	8.386	6552499	54.501 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.00%
11) S ortho-Terphenyl (SURR)	11.425	9900062	44.322 ug/ml
Spiked Amount 50.000		Recovery =	88.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.336	7729821	38.290 ug/ml
2) T Naphthalene (C11.7)	5.867	9052944	42.724 ug/ml
3) T 2-Methylnaphthalene (...)	6.917	9368895	44.360 ug/ml
5) T Acenaphthylene (C15.06)	8.190	10304450	54.388 ug/ml
7) T Acenaphthene (C15.5)	8.487	10680466	52.826 ug/ml
8) T Fluorene (C16.55)	9.266	10572889	53.362 ug/ml
9) T Phenanthrene (C19.36)	10.658	11262831	58.872 ug/ml
10) T Anthracene (C19.43)	10.733	10535593	61.847 ug/ml
12) T Fluoranthene (C21.85)	12.465	11814917	63.951 ug/ml
13) T Pyrene (C20.8)	12.761	11497291	64.375 ug/ml
14) T Benzo[a]anthracene (C...	14.625	9877457	63.087 ug/ml
15) T Chrysene (C27.41)	14.670	9862456	59.779 ug/ml
16) T benzo[b]fluoranthene ...	16.173	10222889	67.546 ug/ml
17) T Bnezo[k]fluoranthene ...	16.207	8701469	56.204 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.547	8775180	60.006 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.908	8425457	57.525 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	8160656	54.398 ug/ml
21) T Benzo[g,h,i]perylene ...	18.165	8377356	56.775 ug/ml

(f)=RT Delta > 1/2 Window

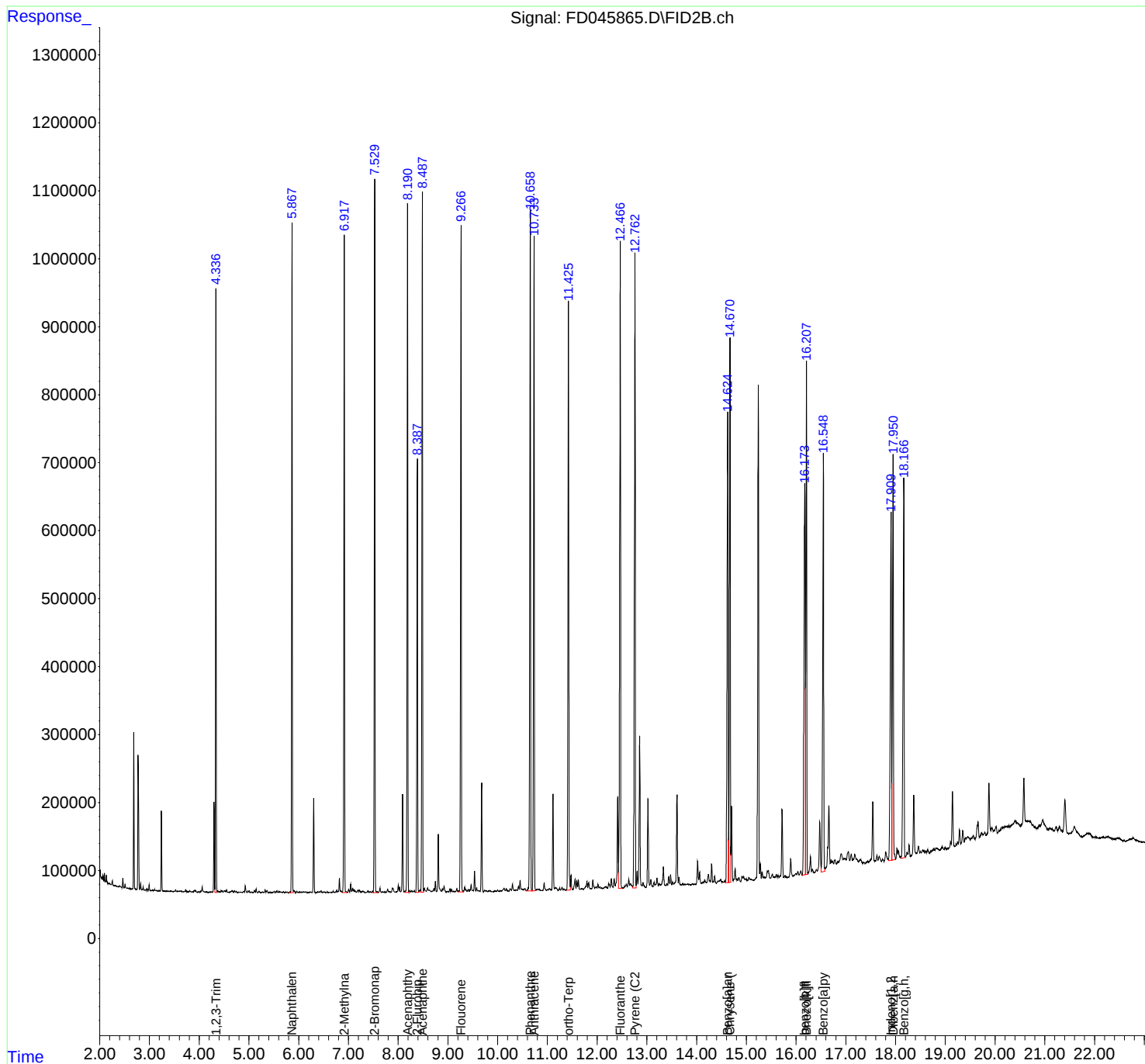
(m)=manual int.

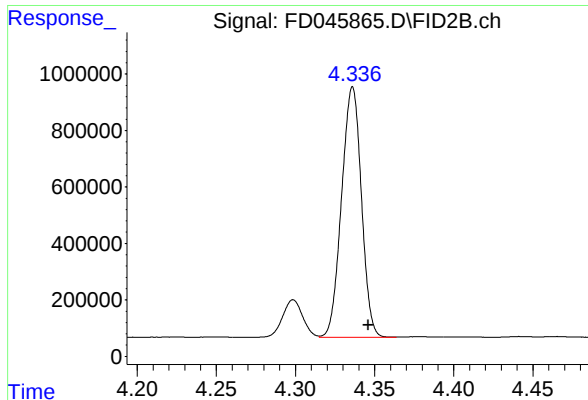
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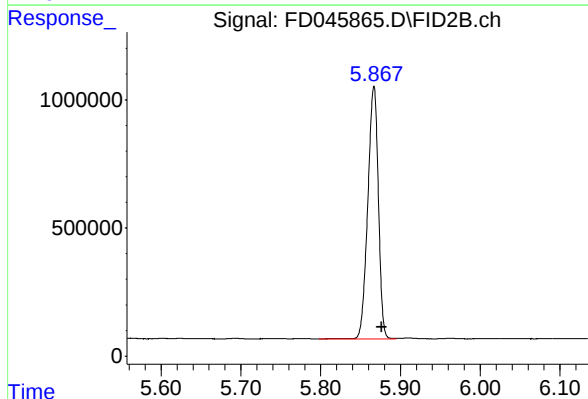




#1 1,2,3-Trimethylbenzene (C10.1)

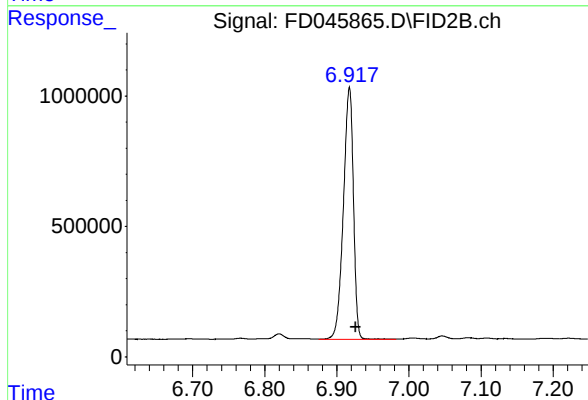
R.T.: 4.336 min
Delta R.T.: -0.010 min
Response: 7729821
Conc: 38.29 ug/ml

Instrument :
FID_D
ClientSampleId :
EPH-SB-24MSD



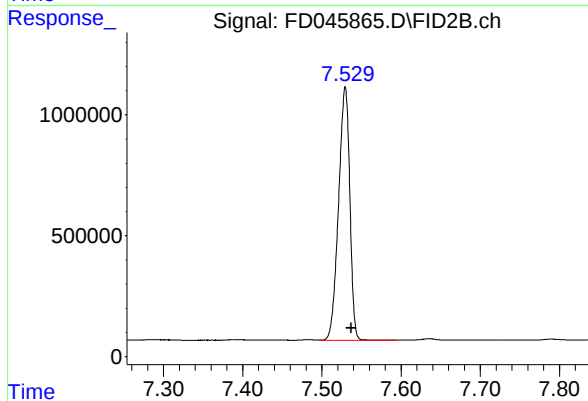
#2 Naphthalene (C11.7)

R.T.: 5.867 min
Delta R.T.: -0.010 min
Response: 9052944
Conc: 42.72 ug/ml



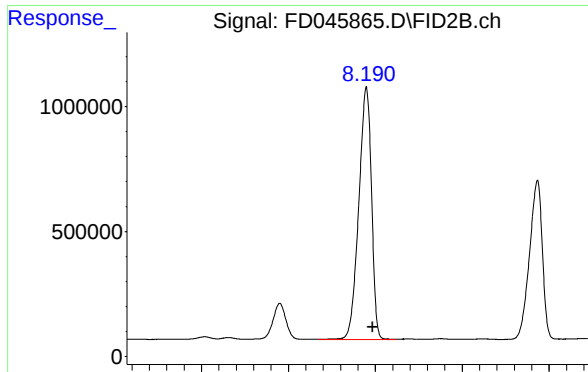
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.917 min
Delta R.T.: -0.009 min
Response: 9368895
Conc: 44.36 ug/ml



#4 2-Bromonaphthalene (SURR)

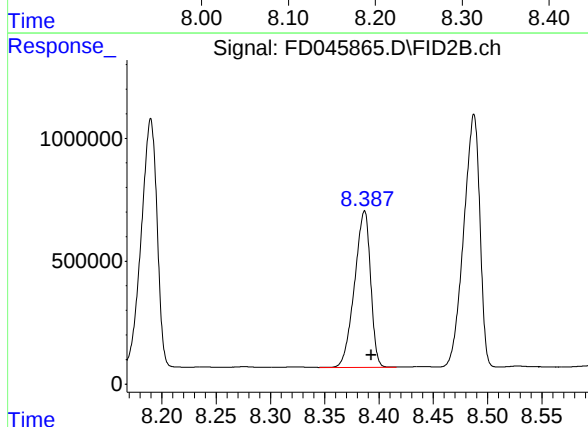
R.T.: 7.529 min
Delta R.T.: -0.008 min
Response: 10373018
Conc: 57.54 ug/ml



#5 Acenaphthylene (C15.06)

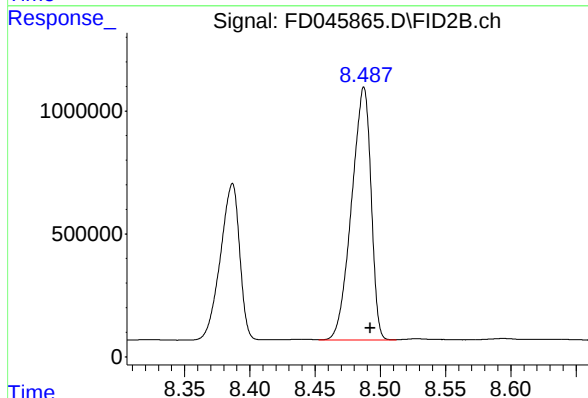
R.T.: 8.190 min
Delta R.T.: -0.007 min
Response: 10304450
Conc: 54.39 ug/ml

Instrument :
FID_D
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EPH-SB-24MSD



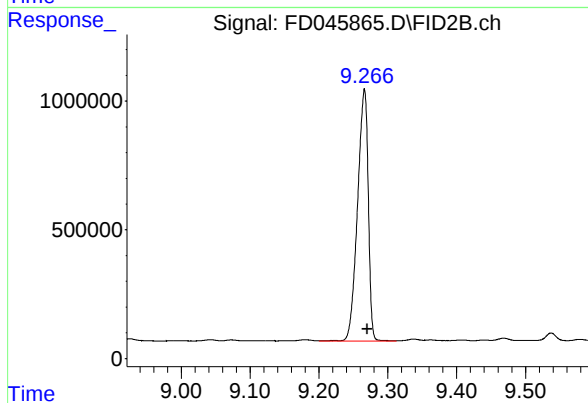
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.386 min
Delta R.T.: -0.007 min
Response: 6552499
Conc: 54.50 ug/ml



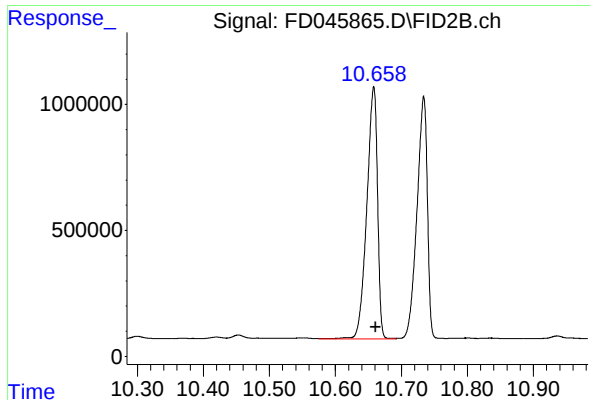
#7 Acenaphthene (C15.5)

R.T.: 8.487 min
Delta R.T.: -0.005 min
Response: 10680466
Conc: 52.83 ug/ml



#8 Fluorene (C16.55)

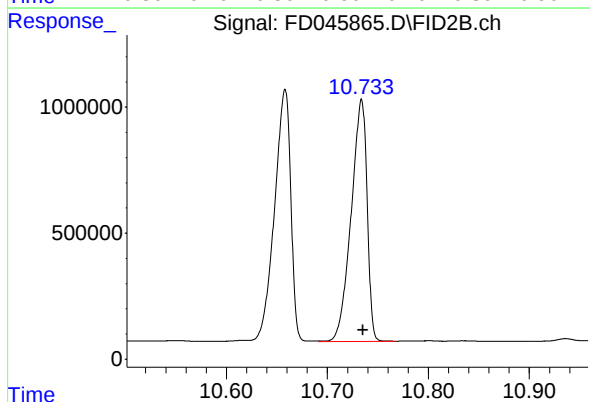
R.T.: 9.266 min
Delta R.T.: -0.005 min
Response: 10572889
Conc: 53.36 ug/ml



#9 Phenanthrene (C19.36)

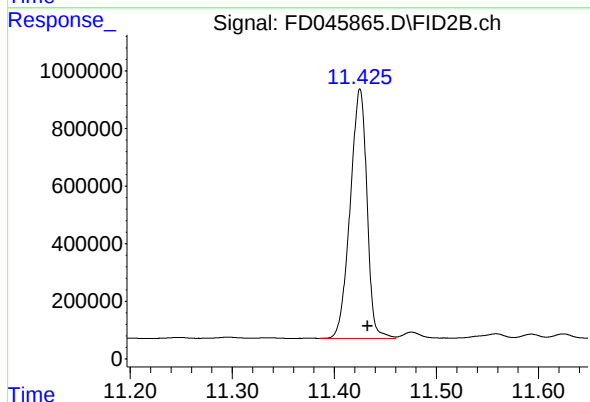
R.T.: 10.658 min
Delta R.T.: -0.003 min
Response: 11262831
Conc: 58.87 ug/ml

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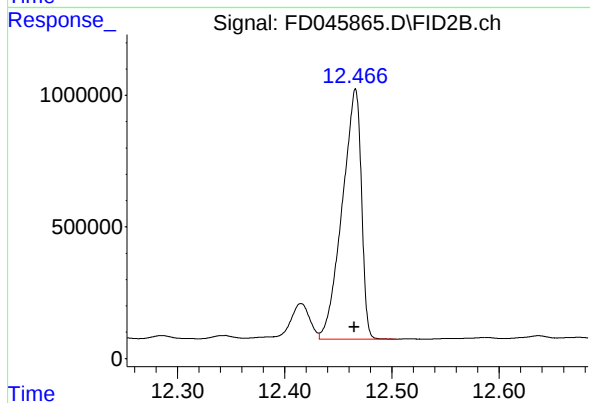
#10 Anthracene (C19.43)

R.T.: 10.733 min
Delta R.T.: -0.002 min
Response: 10535593
Conc: 61.85 ug/ml



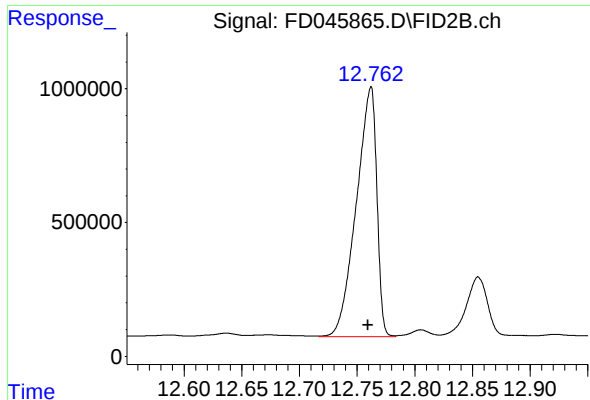
#11 ortho-Terphenyl (SURR)

R.T.: 11.425 min
Delta R.T.: -0.008 min
Response: 9900062
Conc: 44.32 ug/ml



#12 Fluoranthene (C21.85)

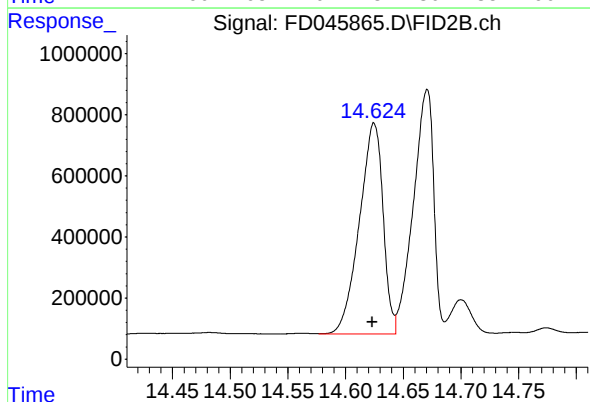
R.T.: 12.465 min
Delta R.T.: 0.000 min
Response: 11814917
Conc: 63.95 ug/ml



#13 Pyrene (C20.8)

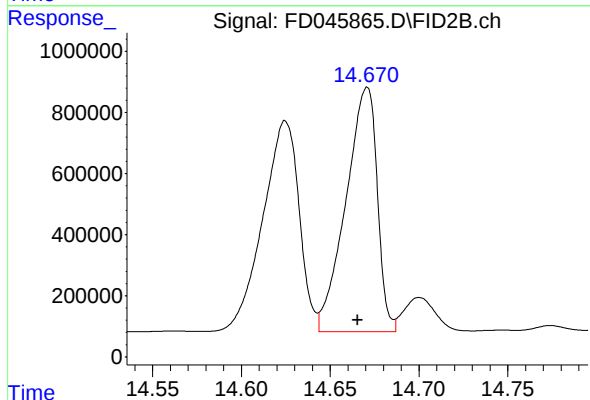
R.T.: 12.761 min
Delta R.T.: 0.002 min
Response: 11497291
Conc: 64.38 ug/ml

Instrument :
FID_D
ClientSampleId :
EPH-SB-24MSD



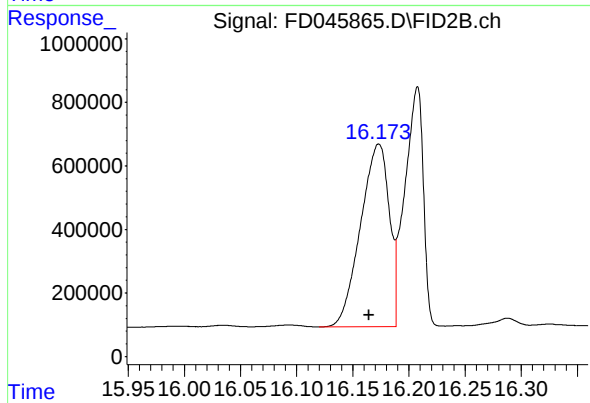
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.625 min
Delta R.T.: 0.002 min
Response: 9877457
Conc: 63.09 ug/ml



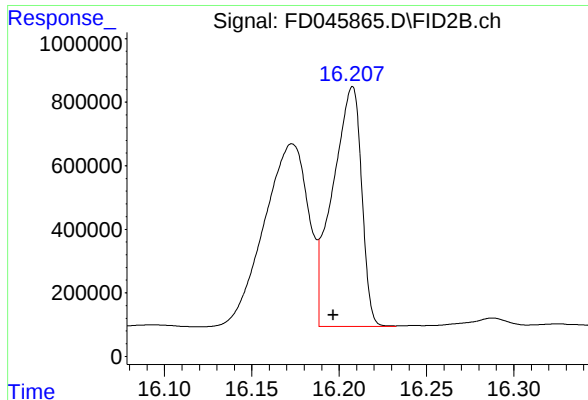
#15 Chrysene (C27.41)

R.T.: 14.670 min
Delta R.T.: 0.004 min
Response: 9862456
Conc: 59.78 ug/ml



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

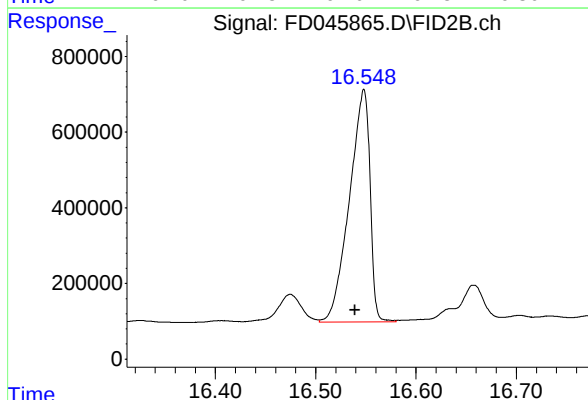
R.T.: 16.173 min
Delta R.T.: 0.008 min
Response: 10222889
Conc: 67.55 ug/ml



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

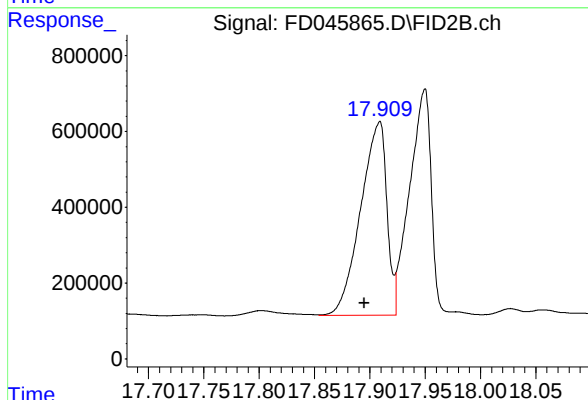
R.T.: 16.207 min
Delta R.T.: 0.010 min
Response: 8701469
Conc: 56.20 ug/ml

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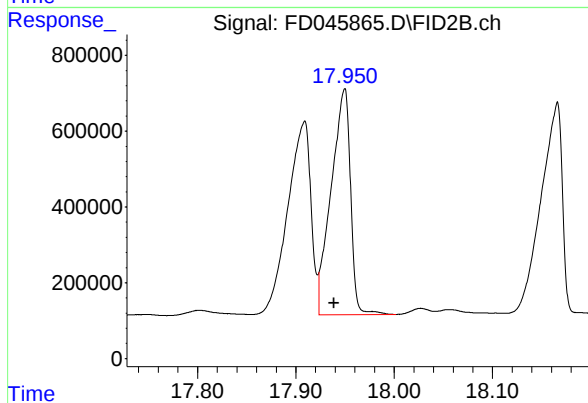
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.547 min
Delta R.T.: 0.008 min
Response: 8775180
Conc: 60.01 ug/ml



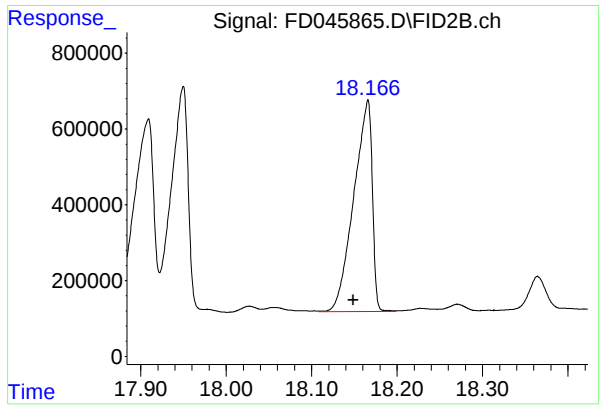
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.908 min
Delta R.T.: 0.013 min
Response: 8425457
Conc: 57.53 ug/ml



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

R.T.: 17.949 min
Delta R.T.: 0.010 min
Response: 8160656
Conc: 54.40 ug/ml



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

R.T.: 18.165 min
Delta R.T.: 0.016 min
Response: 8377356
Conc: 56.77 ug/ml

Instrument :

FID_D

ClientSampleId :

EPH-SB-24MSD