

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070224AR\
 Data File : FD047981.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2024 00:31
 Operator : YP/AJ
 Sample : P3141-05MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-129-SB02MSD

Integration File: autoint1.e
 Quant Time: Jul 03 05:00:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 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...	7.414	7419836	51.020 ug/ml
Spiked Amount 50.000		Recovery =	102.04%
6) S 2-Fluorobiphenyl (SURR)	8.266	4762849	48.896 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.79%
11) S ortho-Terphenyl (SURR)	11.303	5911445	35.176 ug/ml
Spiked Amount 50.000		Recovery =	70.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.232	6012270	37.408 ug/ml
2) T Naphthalene (C11.7)	5.753	7025622	41.488 ug/ml
3) T 2-Methylnaphthalene (...)	6.802	7612375	44.209 ug/ml
5) T Acenaphthylene (C15.06)	8.069	8185295	48.733 ug/ml
7) T Acenaphthene (C15.5)	8.365	8276492	48.830 ug/ml
8) T Flouorene (C16.55)	9.143	8451734	50.900 ug/ml
9) T Phenanthrene (C19.36)	10.533	8560991	52.293 ug/ml
10) T Anthracene (C19.43)	10.608	8528147	52.436 ug/ml
12) T Fluoranthene (C21.85)	12.338	8667158	52.633 ug/ml
13) T Pyrene (C20.8)	12.633	8750786	53.668 ug/ml
14) T Benzo[a]anthracene (C...	14.502	8172975	53.280 ug/ml
15) T Chrysene (C27.41)	14.545	8053447	49.242 ug/ml
16) T benzo[b]fluoranthene ...	16.049	8030035	52.262 ug/ml
17) T Bnezo[k]fluoranthene ...	16.084	7938035	52.997 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.425	7604217	49.901 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.791	8274622	62.930 ug/ml
20) T Dibenz[a,h]anthracene...	17.830	7471741	47.176 ug/ml
21) T Benzo[g,h,i]perylene ...	18.044	7331205	48.768 ug/ml

(f)=RT Delta > 1/2 Window

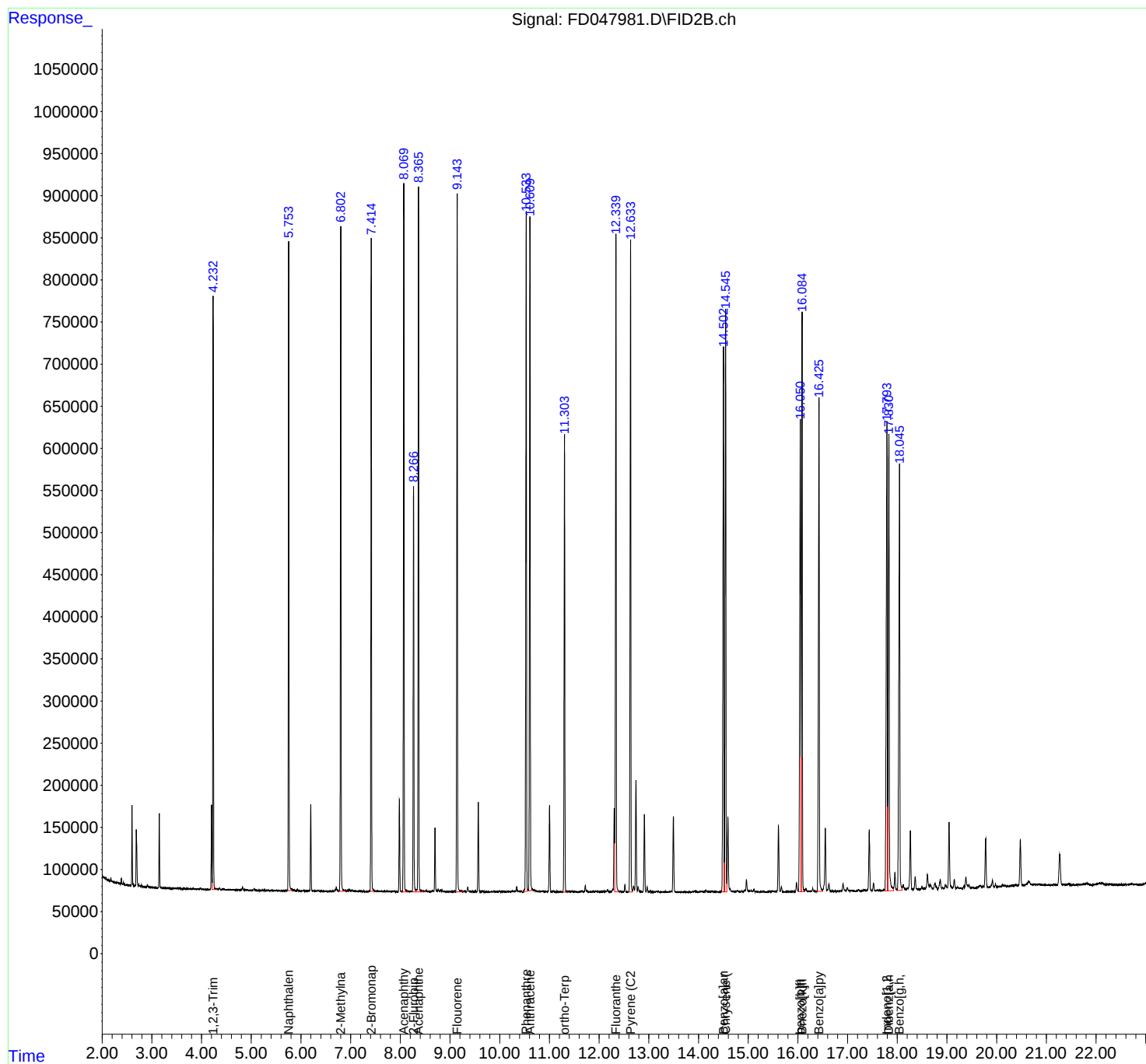
(m)=manual int.

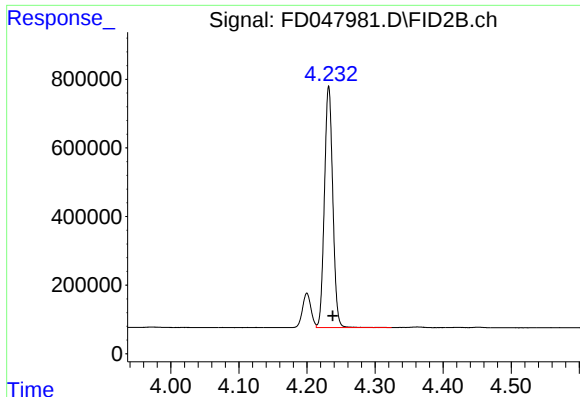
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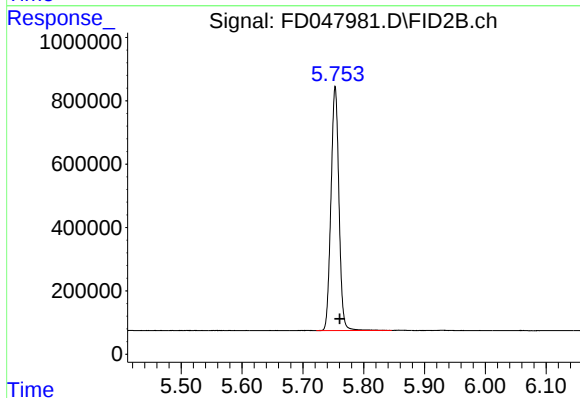




#1 1,2,3-Trimethylbenzene (C10.1)

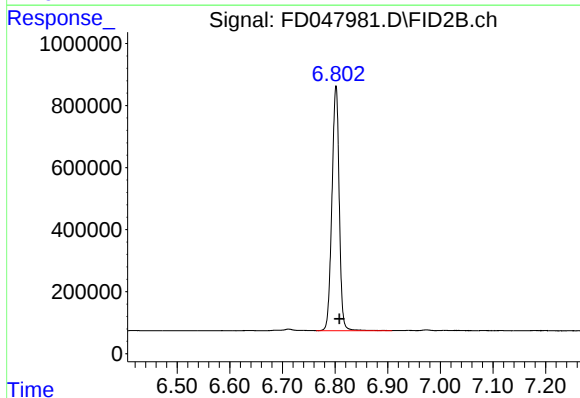
R.T.: 4.232 min
Delta R.T.: -0.006 min
Response: 6012270
Conc: 37.41 ug/ml

Instrument :
FID_D
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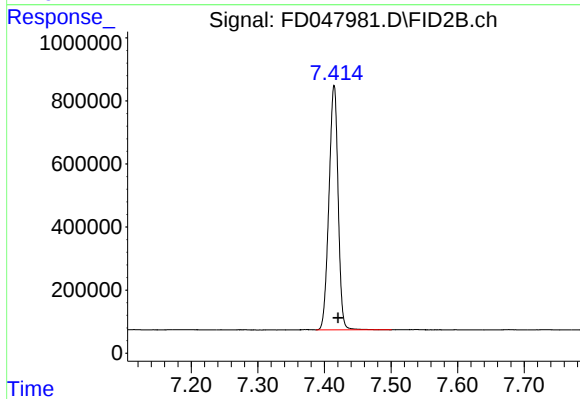
#2 Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: -0.007 min
Response: 7025622
Conc: 41.49 ug/ml



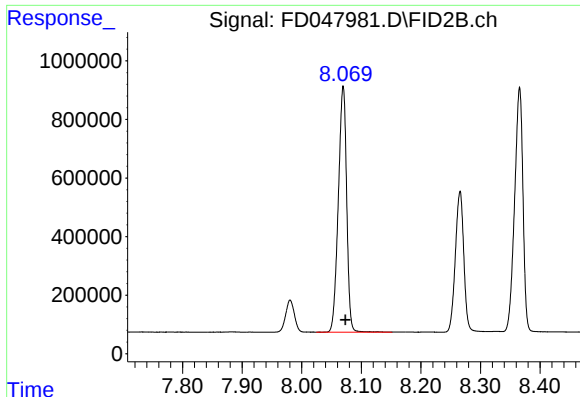
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: -0.007 min
Response: 7612375
Conc: 44.21 ug/ml



#4 2-Bromonaphthalene (SURR)

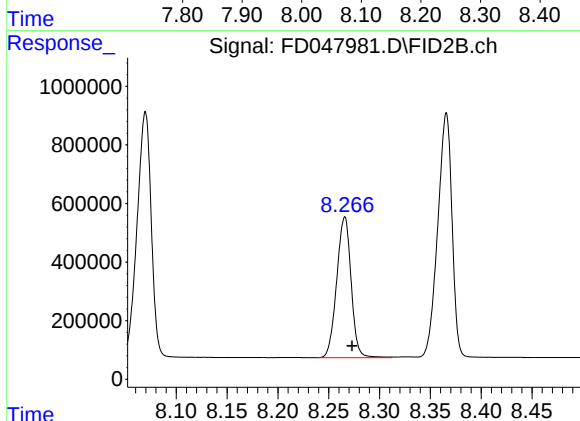
R.T.: 7.414 min
Delta R.T.: -0.006 min
Response: 7419836
Conc: 51.02 ug/ml



#5 Acenaphthylene (C15.06)

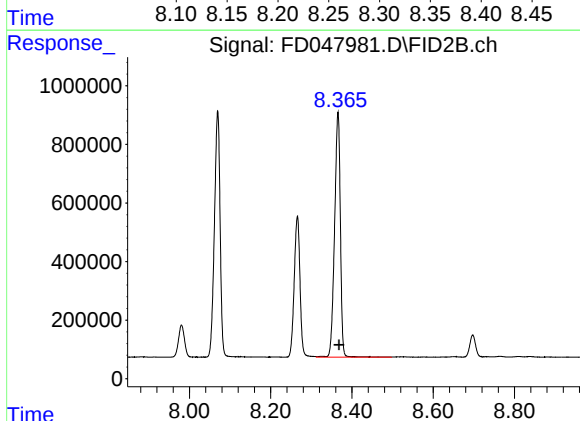
R.T.: 8.069 min
Delta R.T.: -0.004 min
Response: 8185295
Conc: 48.73 ug/ml

Instrument :
FID_D
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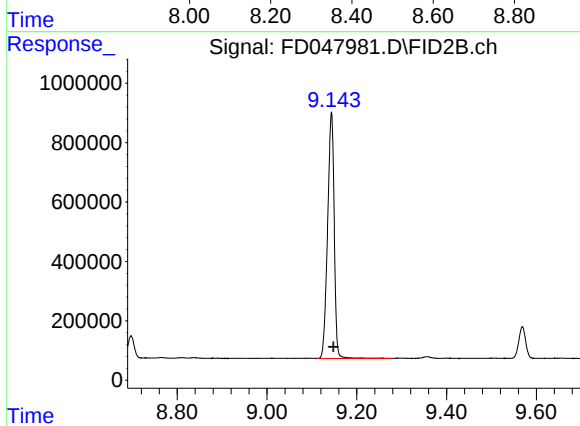
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.266 min
Delta R.T.: -0.007 min
Response: 4762849
Conc: 48.90 ug/ml



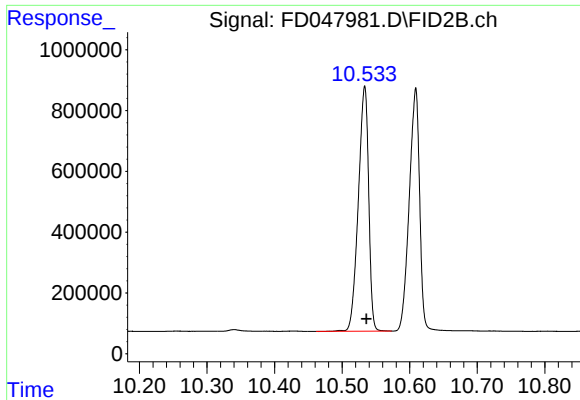
#7 Acenaphthene (C15.5)

R.T.: 8.365 min
Delta R.T.: -0.003 min
Response: 8276492
Conc: 48.83 ug/ml



#8 Flouorene (C16.55)

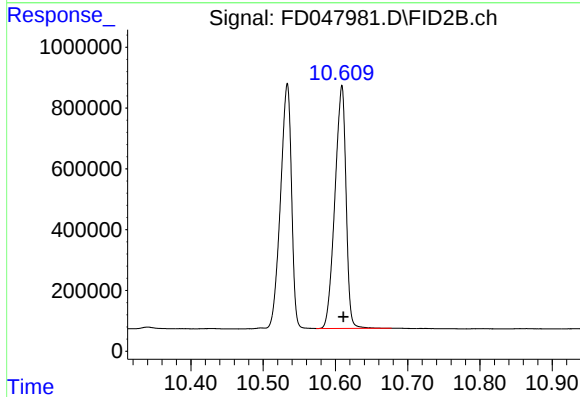
R.T.: 9.143 min
Delta R.T.: -0.005 min
Response: 8451734
Conc: 50.90 ug/ml



#9 Phenanthrene (C19.36)

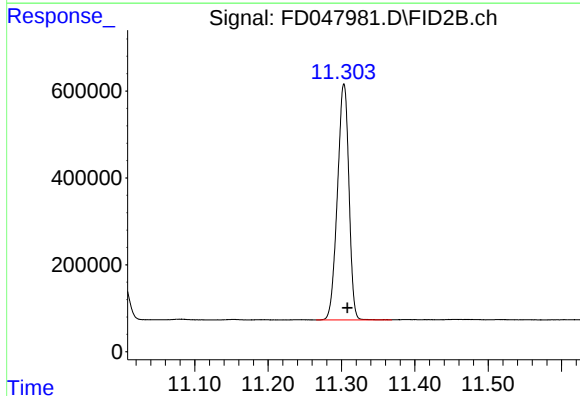
R.T.: 10.533 min
Delta R.T.: -0.003 min
Response: 8560991
Conc: 52.29 ug/ml

Instrument :
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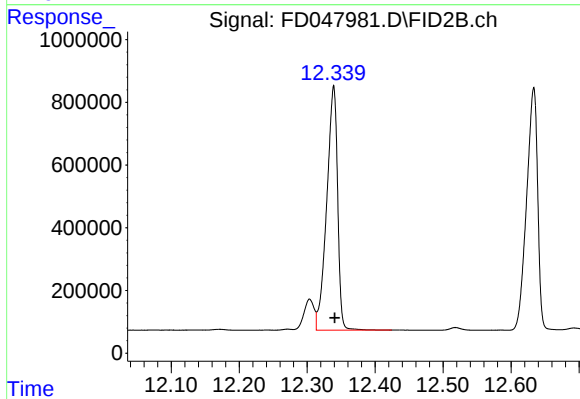
#10 Anthracene (C19.43)

R.T.: 10.608 min
Delta R.T.: -0.003 min
Response: 8528147
Conc: 52.44 ug/ml



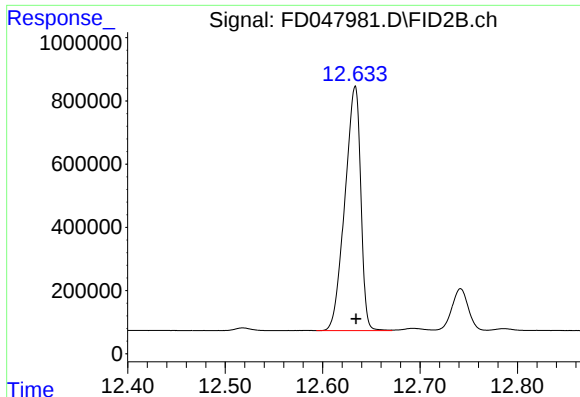
#11 ortho-Terphenyl (SURR)

R.T.: 11.303 min
Delta R.T.: -0.005 min
Response: 5911445
Conc: 35.18 ug/ml



#12 Fluoranthene (C21.85)

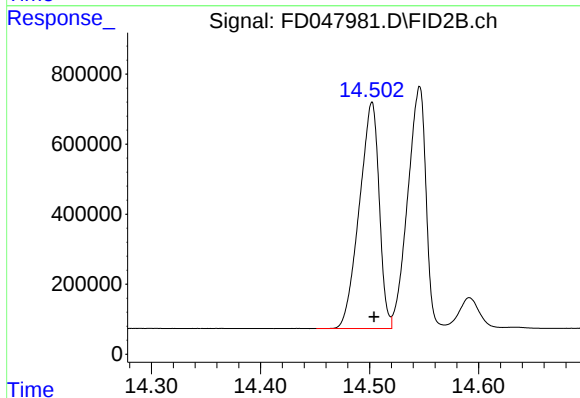
R.T.: 12.338 min
Delta R.T.: -0.002 min
Response: 8667158
Conc: 52.63 ug/ml



#13 Pyrene (C20.8)

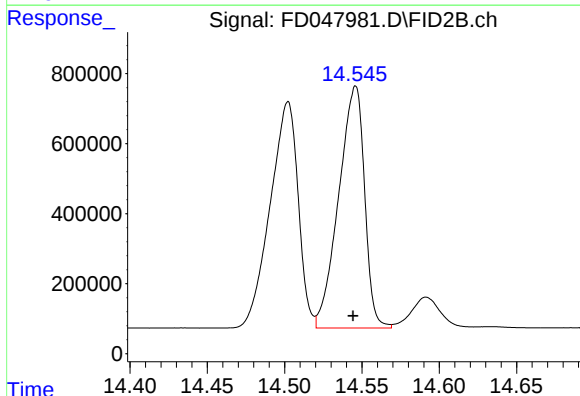
R.T.: 12.633 min
Delta R.T.: -0.002 min
Response: 8750786
Conc: 53.67 ug/ml

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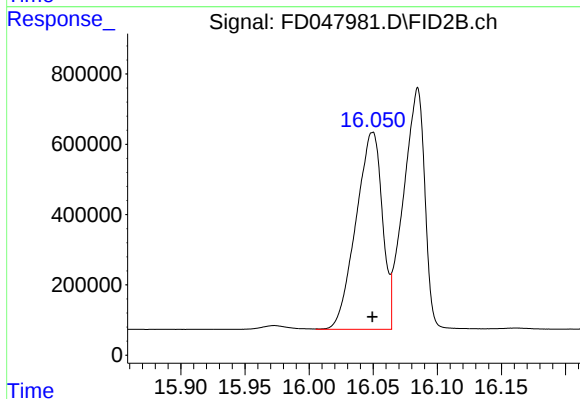
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.502 min
Delta R.T.: -0.002 min
Response: 8172975
Conc: 53.28 ug/ml



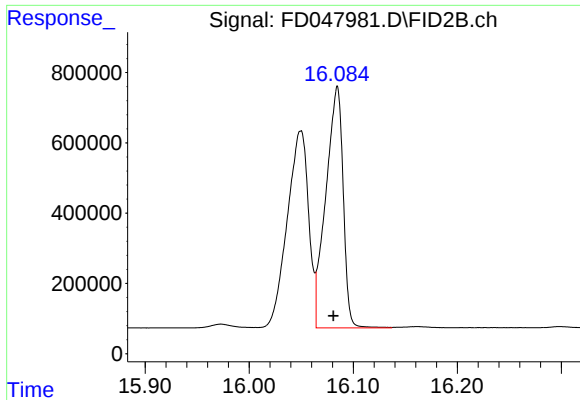
#15 Chrysene (C27.41)

R.T.: 14.545 min
Delta R.T.: 0.000 min
Response: 8053447
Conc: 49.24 ug/ml



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

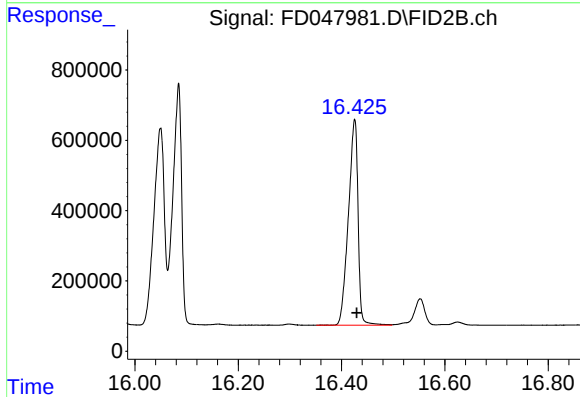
R.T.: 16.049 min
Delta R.T.: 0.000 min
Response: 8030035
Conc: 52.26 ug/ml



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

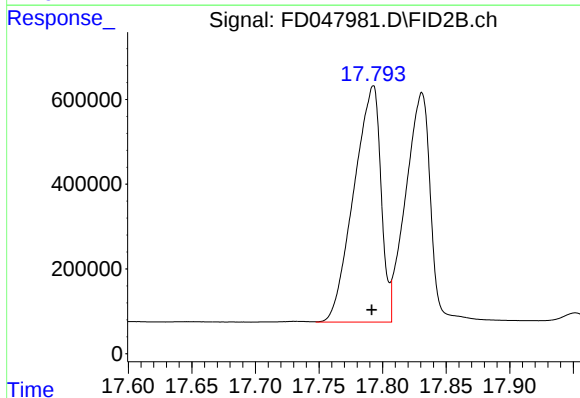
R.T.: 16.084 min
Delta R.T.: 0.003 min
Response: 7938035
Conc: 53.00 ug/ml

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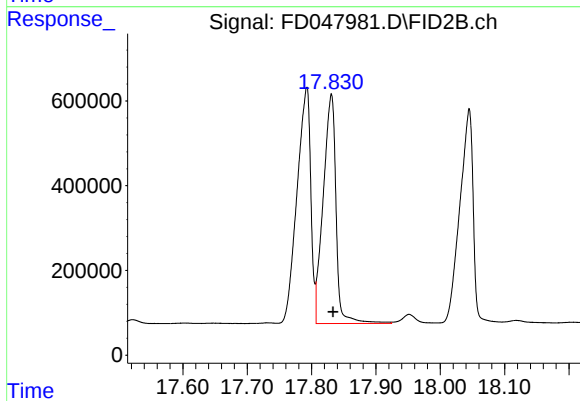
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.425 min
Delta R.T.: -0.004 min
Response: 7604217
Conc: 49.90 ug/ml



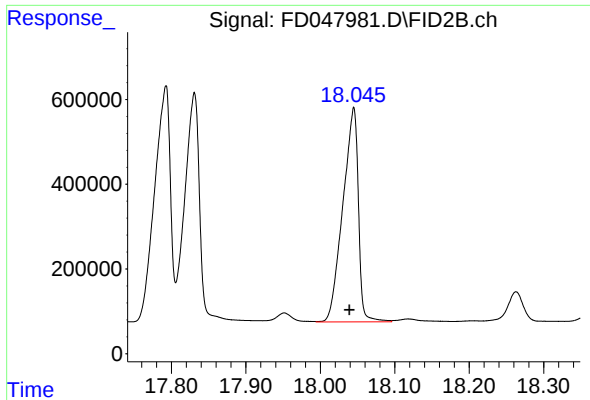
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.791 min
Delta R.T.: 0.000 min
Response: 8274622
Conc: 62.93 ug/ml



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

R.T.: 17.830 min
Delta R.T.: -0.003 min
Response: 7471741
Conc: 47.18 ug/ml



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

R.T.: 18.044 min
Delta R.T.: 0.005 min
Response: 7331205
Conc: 48.77 ug/ml

Instrument :
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ClientSampleId :
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