

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022024AR\
 Data File : FD047265.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 14:48
 Operator : YP/AJ
 Sample : PB159132BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159132BSD

Integration File: autoint1.e
 Quant Time: Feb 21 01:33:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.464	6435490	42.271 ug/ml
Spiked Amount 50.000		Recovery =	84.54%
6) S 2-Fluorobiphenyl (SURR)	8.317	3264663	32.298 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	64.60%
11) S ortho-Terphenyl (SURR)	11.354	6520235	36.969 ug/ml
Spiked Amount 50.000		Recovery =	73.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	3984907	25.277 ug/ml
2) T Naphthalene (C11.7)	5.804	4930497	29.667 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	5230857	31.018 ug/ml
5) T Acenaphthylene (C15.06)	8.121	5909042	38.392 ug/ml
7) T Acenaphthene (C15.5)	8.416	5768812	34.998 ug/ml
8) T Flouorene (C16.55)	9.195	6208579	39.159 ug/ml
9) T Phenanthrene (C19.36)	10.583	6387590	41.116 ug/ml
10) T Anthracene (C19.43)	10.658	6283093	42.607 ug/ml
12) T Fluoranthene (C21.85)	12.387	6620401	42.759 ug/ml
13) T Pyrene (C20.8)	12.681	6633139	44.095 ug/ml
14) T Benzo[a]anthracene (C...	14.546	6213120	46.220 ug/ml
15) T Chrysene (C27.41)	14.589	6183505	42.228 ug/ml
16) T benzo[b]fluoranthene ...	16.088	6042097	43.883 ug/ml
17) T Bnezo[k]fluoranthene ...	16.123	6019328	43.380 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	5762472	42.566 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.824	5936975	47.027 ug/ml
20) T Dibenz[a,h]anthracene...	17.862	5580043	41.879 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	5485713	41.372 ug/ml

(f)=RT Delta > 1/2 Window

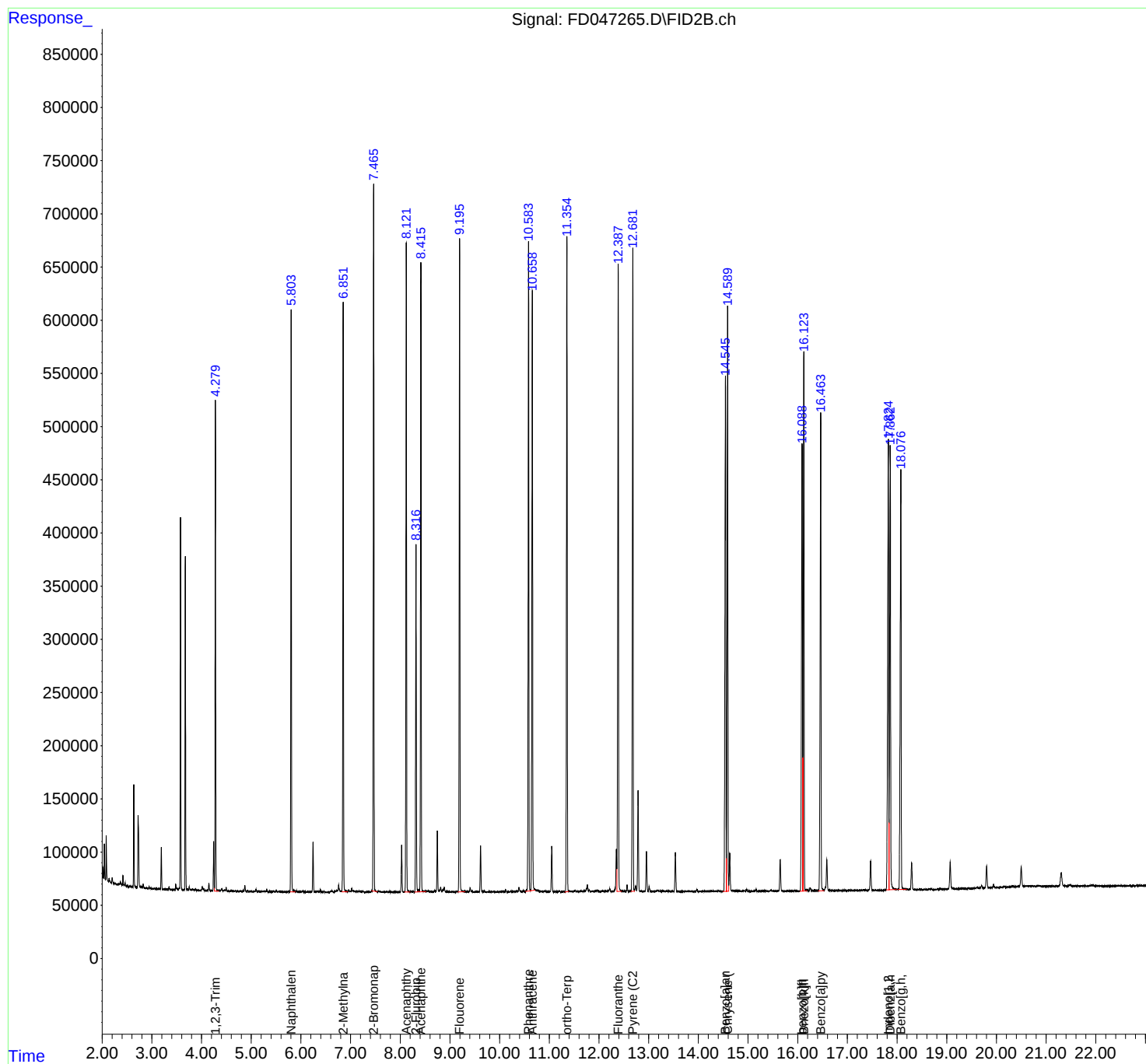
(m)=manual int.

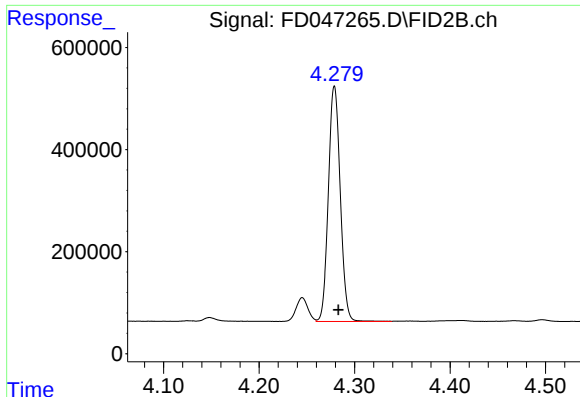
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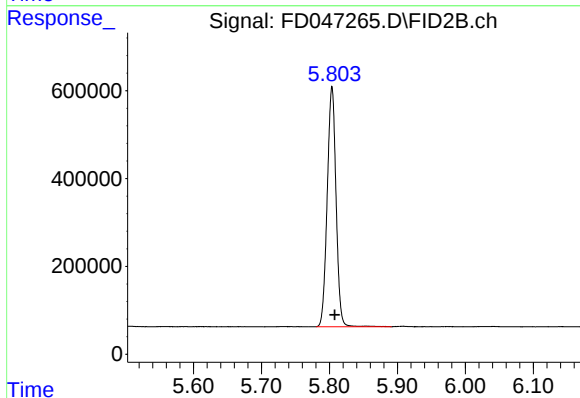




#1 1,2,3-Trimethylbenzene (C10.1)

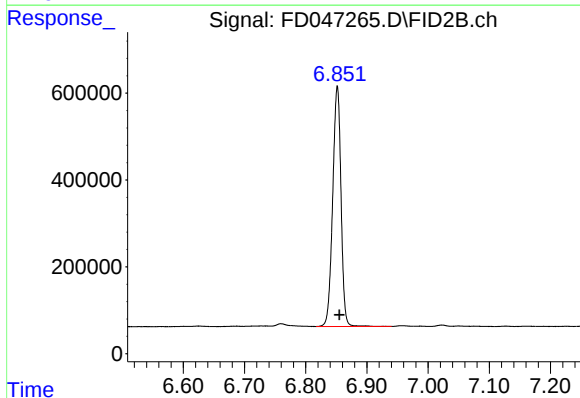
R.T.: 4.279 min
Delta R.T.: -0.004 min
Response: 3984907
Conc: 25.28 ug/ml

Instrument :
FID_D
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PB159132BSD



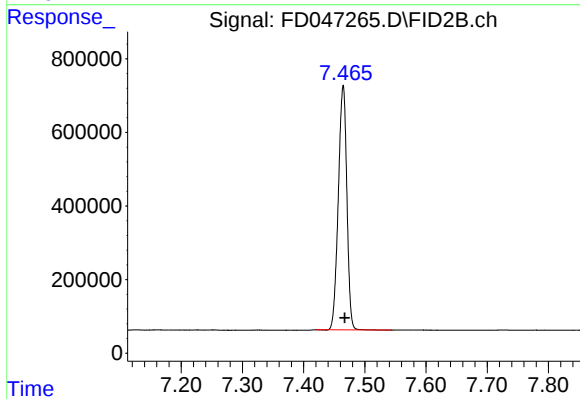
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 4930497
Conc: 29.67 ug/ml



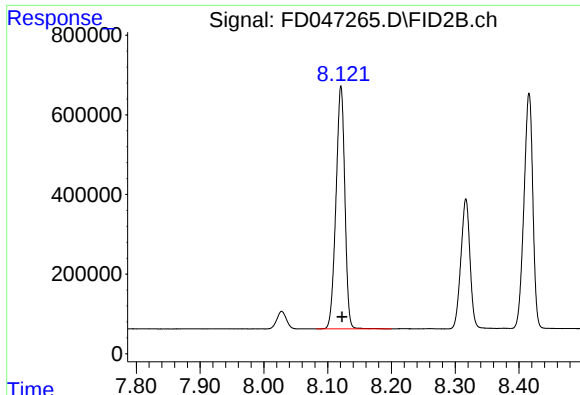
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 5230857
Conc: 31.02 ug/ml



#4 2-Bromonaphthalene (SURR)

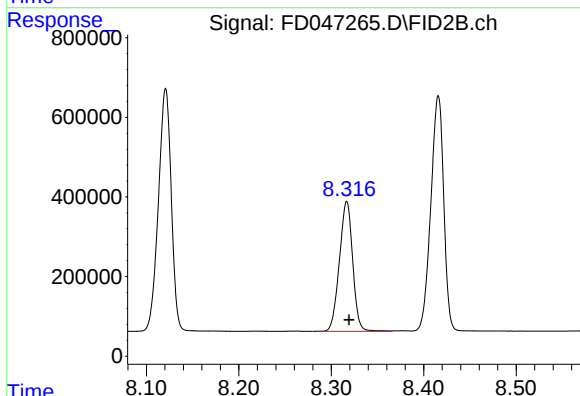
R.T.: 7.464 min
Delta R.T.: -0.003 min
Response: 6435490
Conc: 42.27 ug/ml



#5 Acenaphthylene (C15.06)

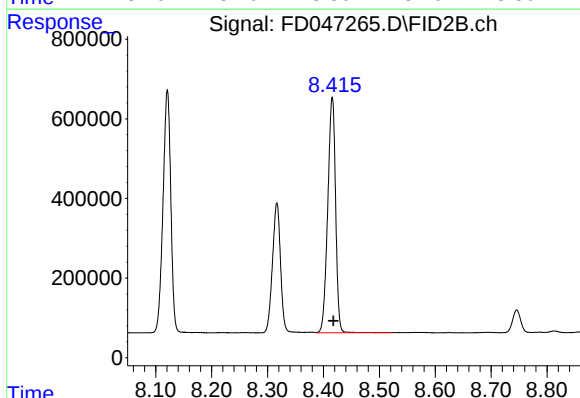
R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 5909042
Conc: 38.39 ug/ml

Instrument :
FID_D
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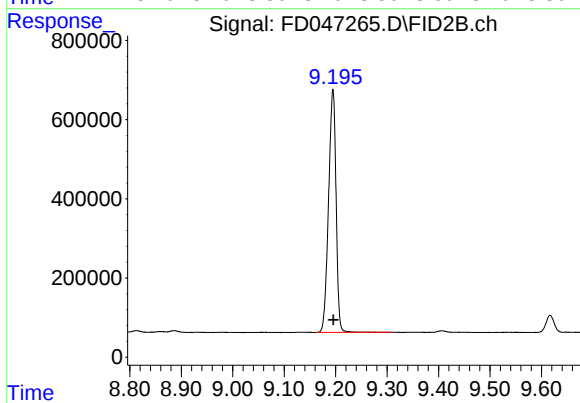
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: -0.003 min
Response: 3264663
Conc: 32.30 ug/ml



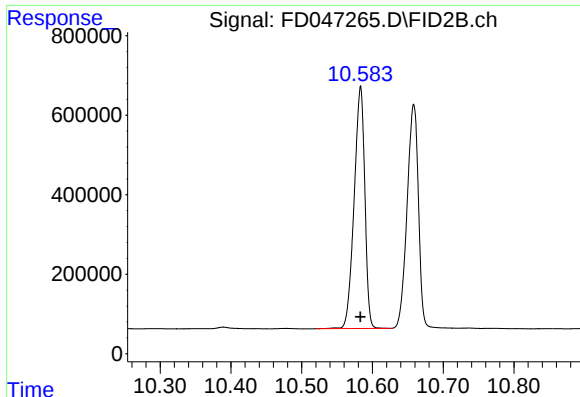
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: -0.002 min
Response: 5768812
Conc: 35.00 ug/ml



#8 Flouorene (C16.55)

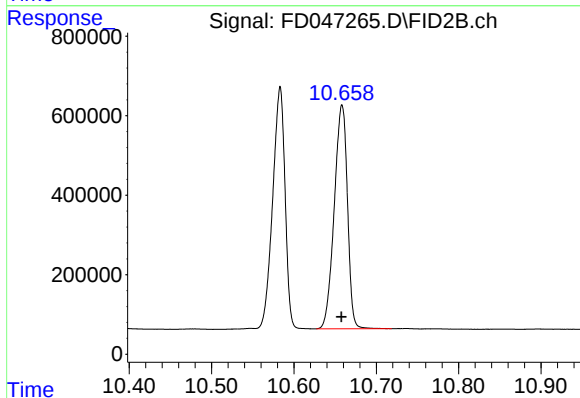
R.T.: 9.195 min
Delta R.T.: -0.001 min
Response: 6208579
Conc: 39.16 ug/ml



#9 Phenanthrene (C19.36)

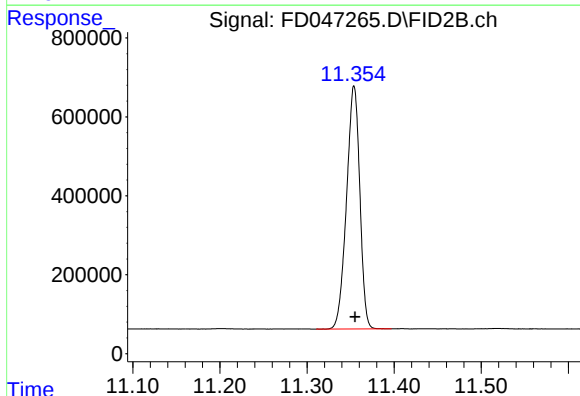
R.T.: 10.583 min
Delta R.T.: 0.000 min
Response: 6387590
Conc: 41.12 ug/ml

Instrument :
FID_D
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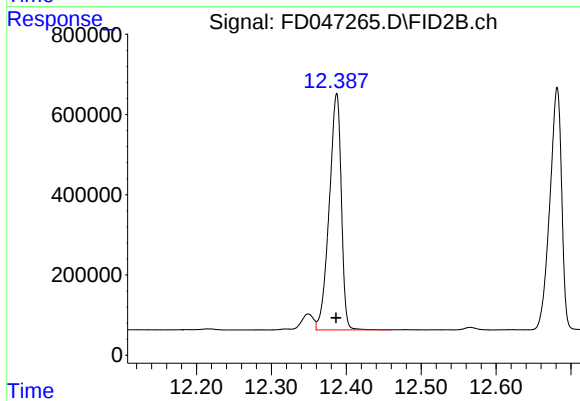
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: 0.000 min
Response: 6283093
Conc: 42.61 ug/ml



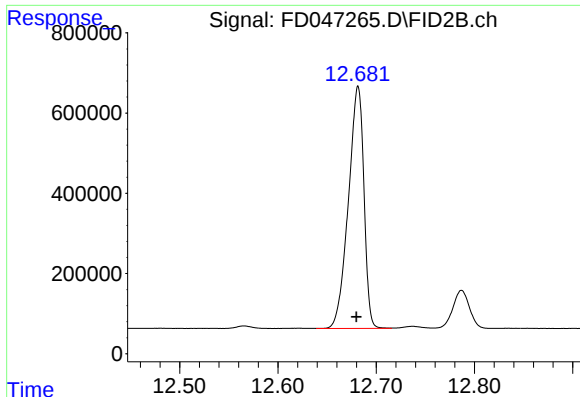
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: -0.001 min
Response: 6520235
Conc: 36.97 ug/ml



#12 Fluoranthene (C21.85)

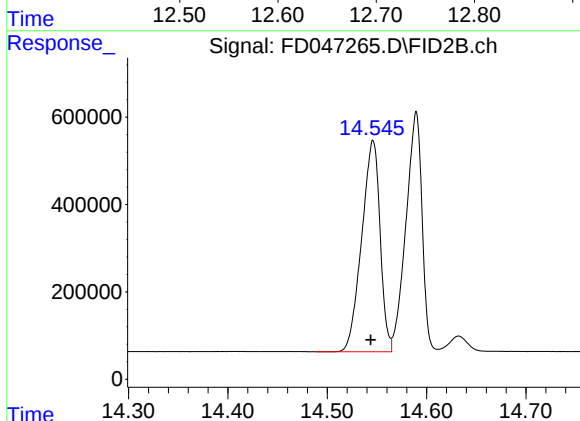
R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 6620401
Conc: 42.76 ug/ml



#13 Pyrene (C20.8)

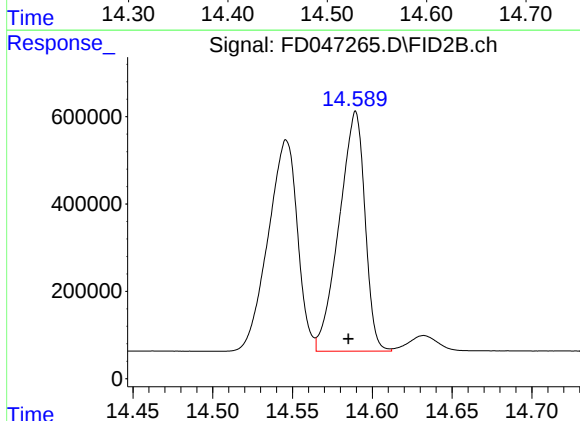
R.T.: 12.681 min
Delta R.T.: 0.001 min
Response: 6633139
Conc: 44.10 ug/ml

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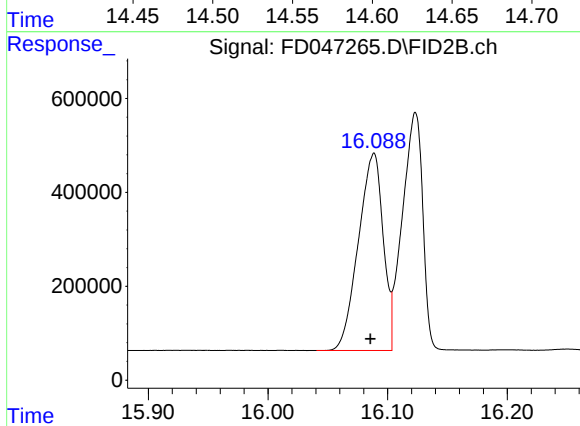
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: 0.002 min
Response: 6213120
Conc: 46.22 ug/ml



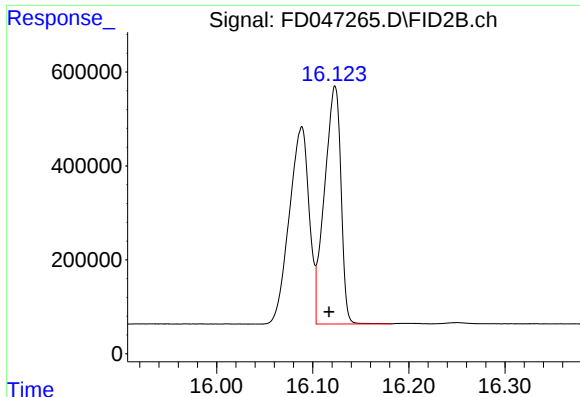
#15 Chrysene (C27.41)

R.T.: 14.589 min
Delta R.T.: 0.004 min
Response: 6183505
Conc: 42.23 ug/ml



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

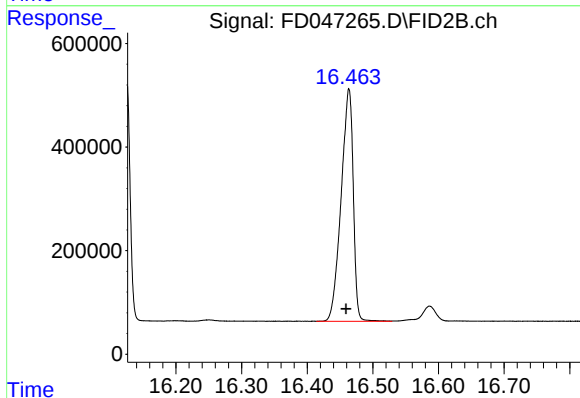
R.T.: 16.088 min
Delta R.T.: 0.002 min
Response: 6042097
Conc: 43.88 ug/ml



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

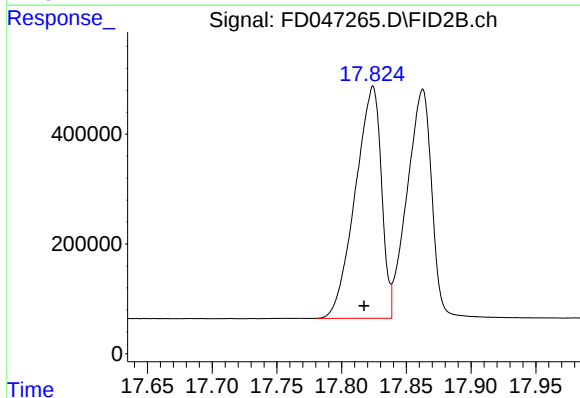
R.T.: 16.123 min
Delta R.T.: 0.006 min
Response: 6019328
Conc: 43.38 ug/ml

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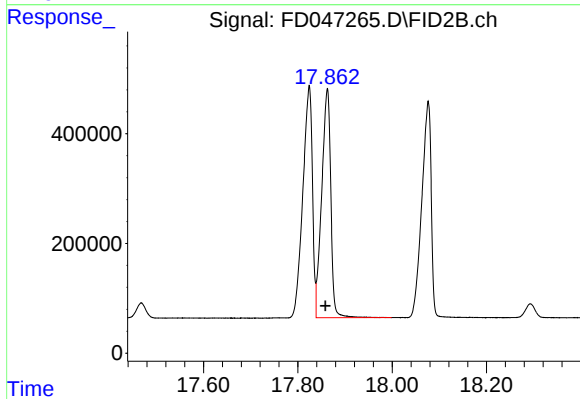
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: 0.004 min
Response: 5762472
Conc: 42.57 ug/ml



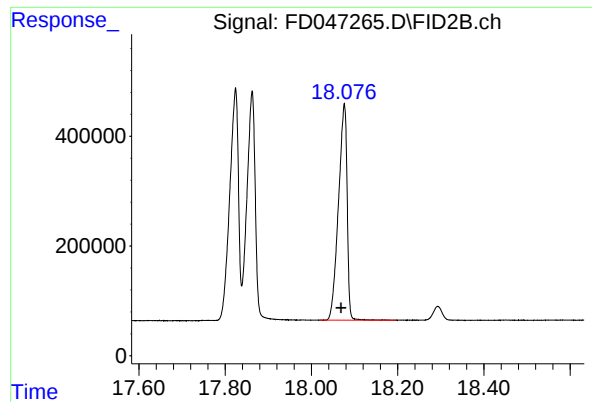
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.824 min
Delta R.T.: 0.006 min
Response: 5936975
Conc: 47.03 ug/ml



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

R.T.: 17.862 min
Delta R.T.: 0.003 min
Response: 5580043
Conc: 41.88 ug/ml



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

R.T.: 18.076 min
Delta R.T.: 0.007 min
Response: 5485713
Conc: 41.37 ug/ml

Instrument :

FID_D

ClientSampleId :

PB159132BSD