

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032124AR\
 Data File : FD047419.D
 Signal(s) : FID2B.ch
 Acq On : 22 Mar 2024 02:27
 Operator : YP/AJ
 Sample : PB159706BSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159706BSD

Integration File: autoint1.e
 Quant Time: Mar 22 03:33:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.455	7750294	46.925 ug/ml
Spiked Amount 50.000		Recovery =	93.85%
6) S 2-Fluorobiphenyl (SURR)	8.307	4661327	43.808 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.62%
11) S ortho-Terphenyl (SURR)	11.340	7611202	40.784 ug/ml
Spiked Amount 50.000		Recovery =	81.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	5654453	31.816 ug/ml
2) T Naphthalene (C11.7)	5.795	6443548	35.333 ug/ml
3) T 2-Methylnaphthalene (...)	6.843	6654492	36.487 ug/ml
5) T Acenaphthylene (C15.06)	8.111	6908485	41.438 ug/ml
7) T Acenaphthene (C15.5)	8.406	6831890	38.778 ug/ml
8) T Flouorene (C16.55)	9.183	7101692	42.160 ug/ml
9) T Phenanthrene (C19.36)	10.570	7333010	45.279 ug/ml
10) T Anthracene (C19.43)	10.646	7295995	49.575 ug/ml
12) T Fluoranthene (C21.85)	12.372	7638475	47.913 ug/ml
13) T Pyrene (C20.8)	12.666	7653909	49.473 ug/ml
14) T Benzo[a]anthracene (C...	14.528	7153401	52.769 ug/ml
15) T Chrysene (C27.41)	14.573	7143081	48.119 ug/ml
16) T benzo[b]fluoranthene ...	16.070	6910441	49.226 ug/ml
17) T Bnezo[k]fluoranthene ...	16.105	6886819	48.632 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.446	6628836	47.987 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.805	6931552	55.460 ug/ml
20) T Dibenz[a,h]anthracene...	17.844	6543944	49.623 ug/ml
21) T Benzo[g,h,i]perylene ...	18.057	6332375	47.129 ug/ml

(f)=RT Delta > 1/2 Window

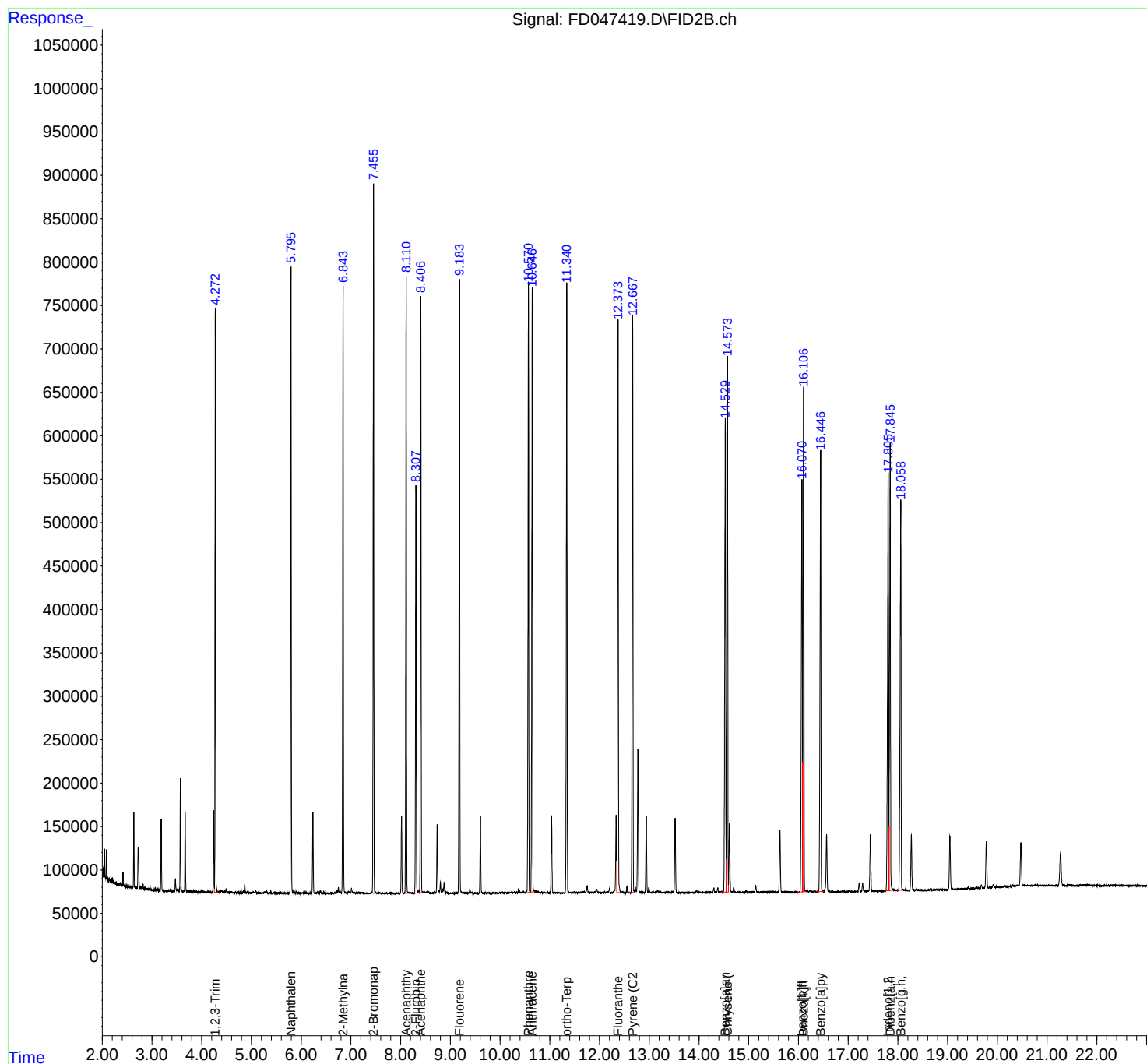
(m)=manual int.

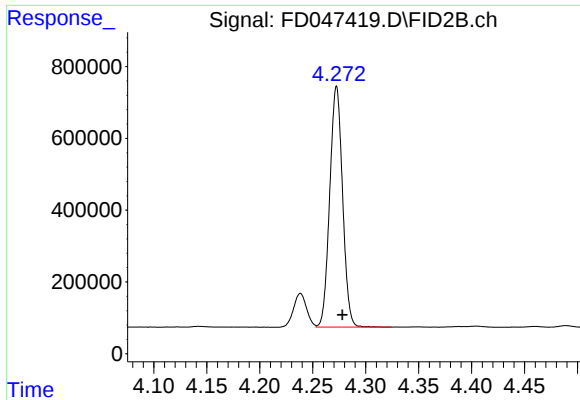
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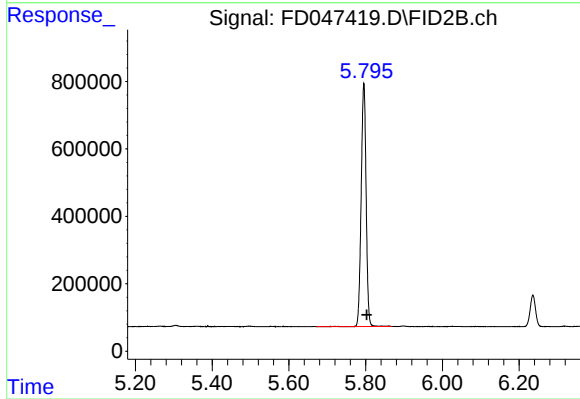




#1 1,2,3-Trimethylbenzene (C10.1)

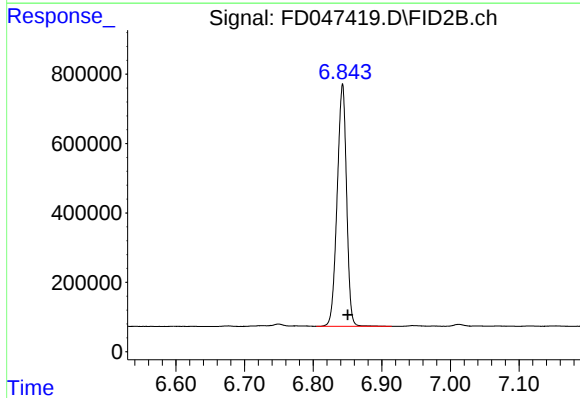
R.T.: 4.272 min
Delta R.T.: -0.006 min
Response: 5654453
Conc: 31.82 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159706BSD



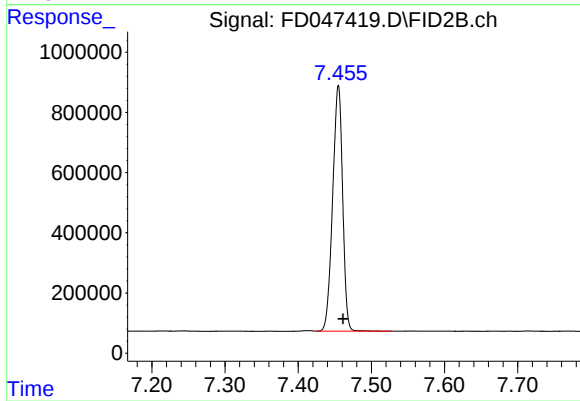
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.008 min
Response: 6443548
Conc: 35.33 ug/ml



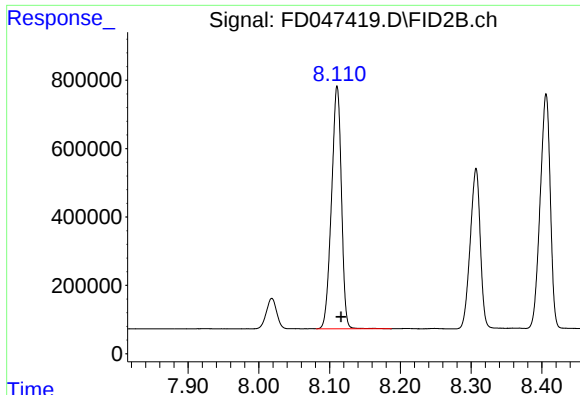
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.843 min
Delta R.T.: -0.008 min
Response: 6654492
Conc: 36.49 ug/ml



#4 2-Bromonaphthalene (SURR)

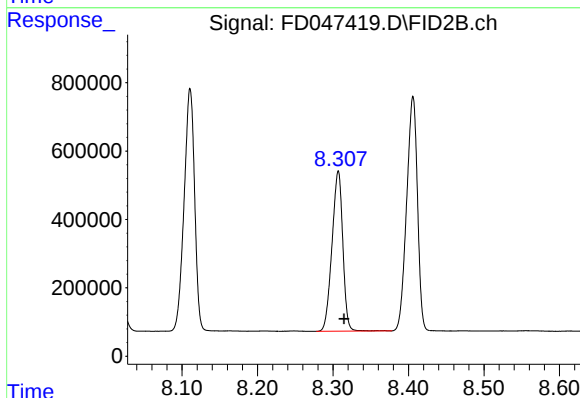
R.T.: 7.455 min
Delta R.T.: -0.007 min
Response: 7750294
Conc: 46.93 ug/ml



#5 Acenaphthylene (C15.06)

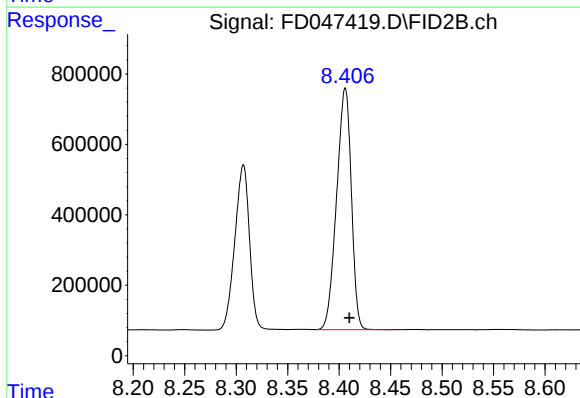
R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 6908485
Conc: 41.44 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159706BSD



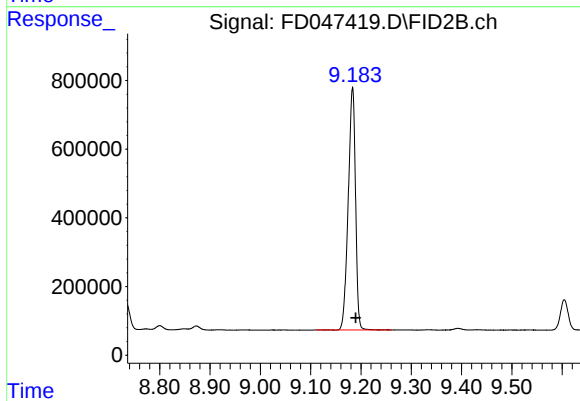
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.307 min
Delta R.T.: -0.008 min
Response: 4661327
Conc: 43.81 ug/ml



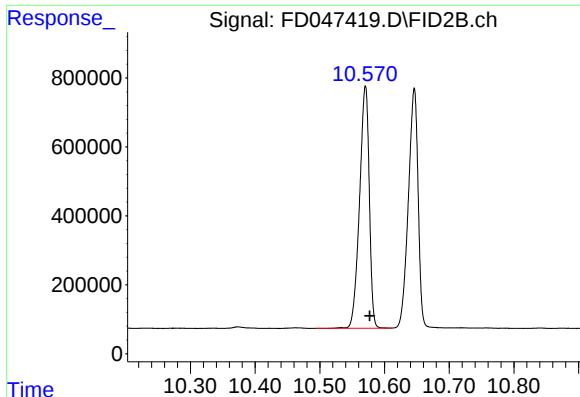
#7 Acenaphthene (C15.5)

R.T.: 8.406 min
Delta R.T.: -0.005 min
Response: 6831890
Conc: 38.78 ug/ml



#8 Flouorene (C16.55)

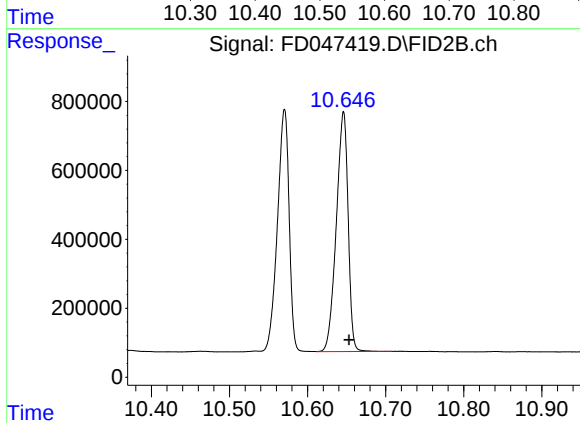
R.T.: 9.183 min
Delta R.T.: -0.007 min
Response: 7101692
Conc: 42.16 ug/ml



#9 Phenanthrene (C19.36)

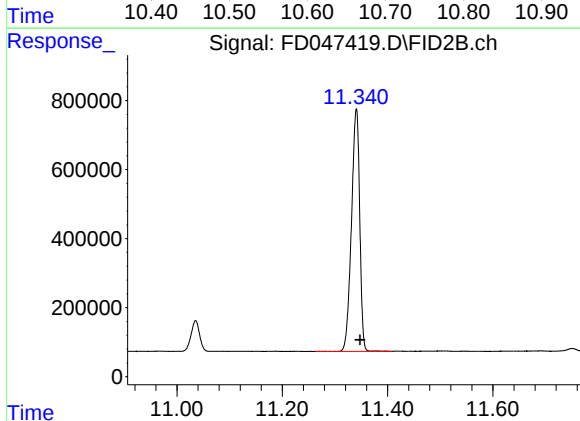
R.T.: 10.570 min
Delta R.T.: -0.007 min
Response: 7333010
Conc: 45.28 ug/ml

Instrument :
FID_D
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PB159706BSD



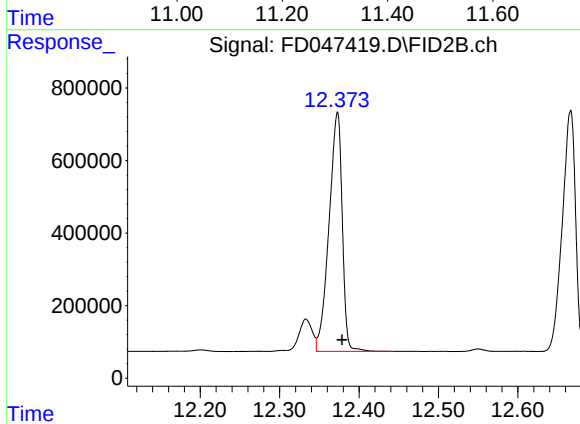
#10 Anthracene (C19.43)

R.T.: 10.646 min
Delta R.T.: -0.007 min
Response: 7295995
Conc: 49.58 ug/ml



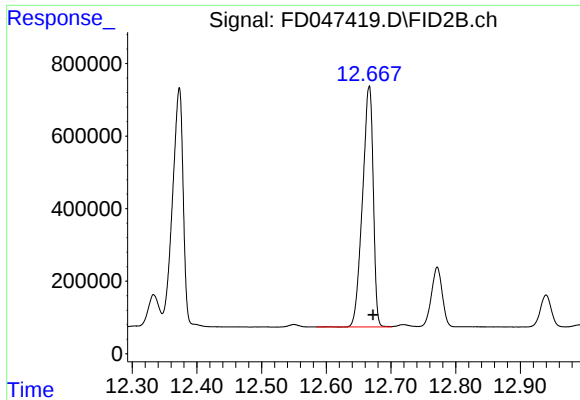
#11 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.008 min
Response: 7611202
Conc: 40.78 ug/ml



#12 Fluoranthene (C21.85)

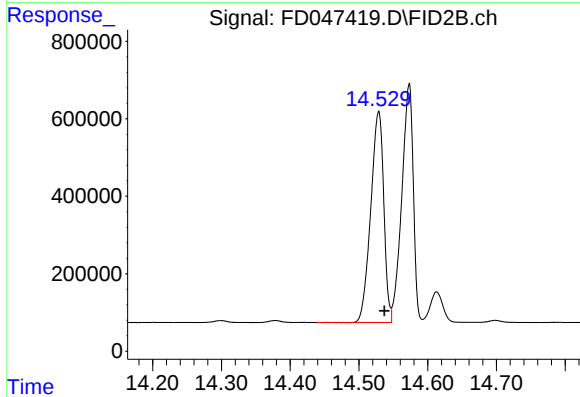
R.T.: 12.372 min
Delta R.T.: -0.006 min
Response: 7638475
Conc: 47.91 ug/ml



#13 Pyrene (C20.8)

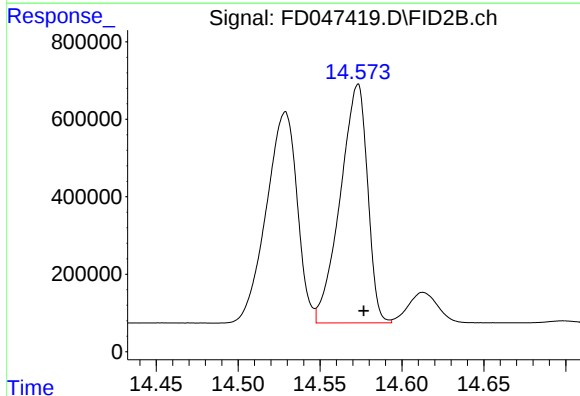
R.T.: 12.666 min
Delta R.T.: -0.006 min
Response: 7653909
Conc: 49.47 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159706BSD



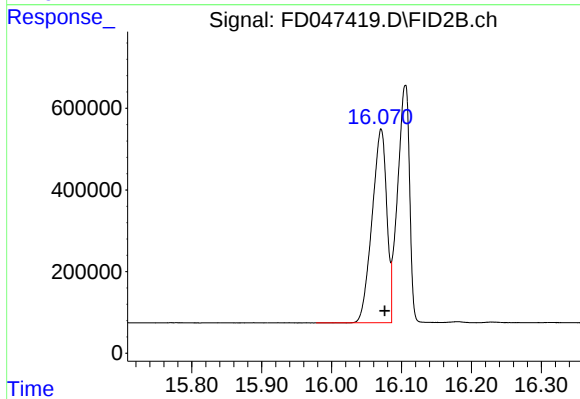
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.528 min
Delta R.T.: -0.009 min
Response: 7153401
Conc: 52.77 ug/ml



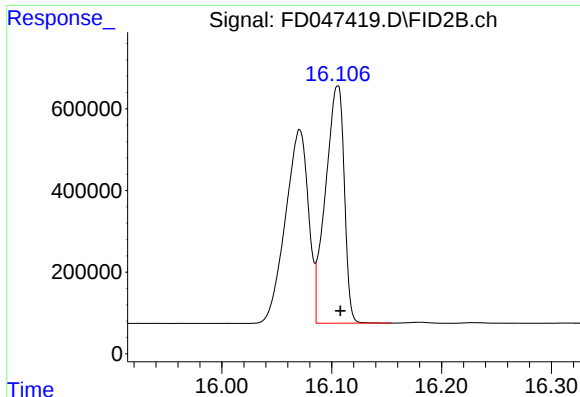
#15 Chrysene (C27.41)

R.T.: 14.573 min
Delta R.T.: -0.004 min
Response: 7143081
Conc: 48.12 ug/ml



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

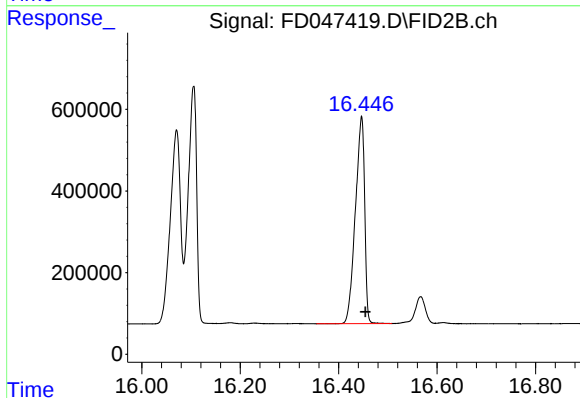
R.T.: 16.070 min
Delta R.T.: -0.006 min
Response: 6910441
Conc: 49.23 ug/ml



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

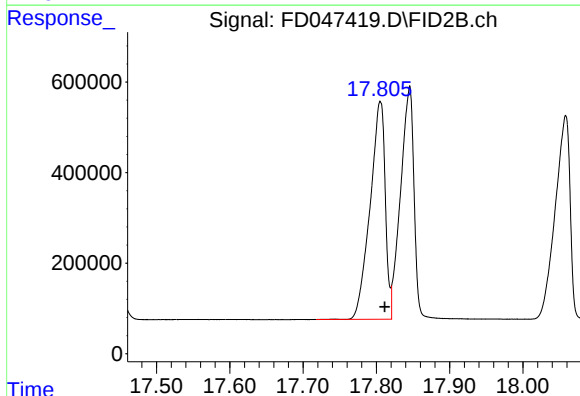
R.T.: 16.105 min
Delta R.T.: -0.003 min
Response: 6886819
Conc: 48.63 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159706BSD



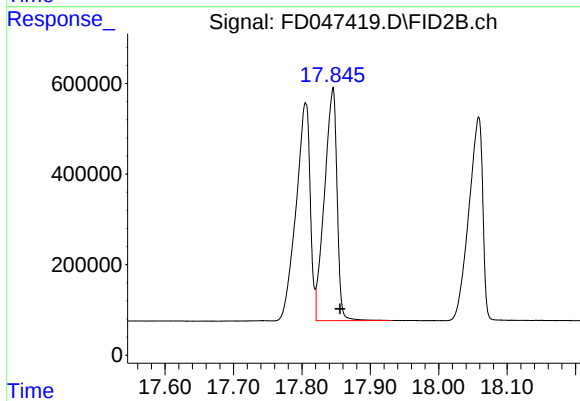
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.446 min
Delta R.T.: -0.008 min
Response: 6628836
Conc: 47.99 ug/ml



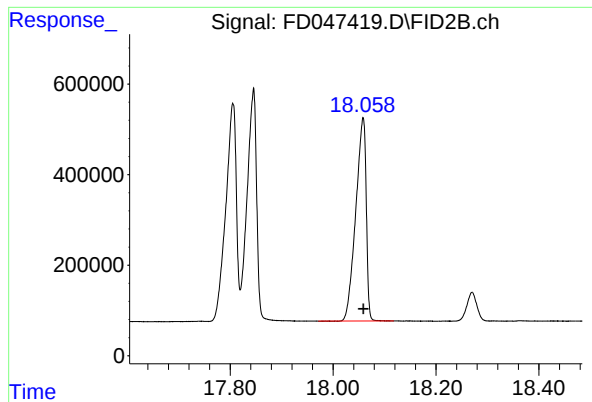
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.805 min
Delta R.T.: -0.007 min
Response: 6931552
Conc: 55.46 ug/ml



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

R.T.: 17.844 min
Delta R.T.: -0.012 min
Response: 6543944
Conc: 49.62 ug/ml



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

R.T.: 18.057 min
Delta R.T.: -0.001 min
Response: 6332375
Conc: 47.13 ug/ml

Instrument :

FID_D

ClientSampleId :

PB159706BSD