

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031924AR\
 Data File : FD047399.D
 Signal(s) : FID2B.ch
 Acq On : 20 Mar 2024 08:37
 Operator : YP/AJ
 Sample : P1774-02MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP9MSD

Integration File: autoint1.e
 Quant Time: Mar 20 09:09:45 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...	7.456	7674206	46.465 ug/ml
Spiked Amount 50.000		Recovery =	92.93%
6) S 2-Fluorobiphenyl (SURR)	8.308	3662973	34.425 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	68.85%
11) S ortho-Terphenyl (SURR)	11.342	6051132	32.424 ug/ml
Spiked Amount 50.000		Recovery =	64.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	5525406	31.090 ug/ml
2) T Naphthalene (C11.7)	5.796	7024962	38.521 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	7756752	42.531 ug/ml
5) T Acenaphthylene (C15.06)	8.114	8748298	52.473 ug/ml
7) T Acenaphthene (C15.5)	8.409	8516803	48.341 ug/ml
8) T Flouorene (C16.55)	9.187	9268593	55.024 ug/ml
9) T Phenanthrene (C19.36)	10.575	9538943	58.900 ug/ml
10) T Anthracene (C19.43)	10.650	8415982	57.185 ug/ml
12) T Fluoranthene (C21.85)	12.377	9477092	59.446 ug/ml
13) T Pyrene (C20.8)	12.672	9553462	61.751 ug/ml
14) T Benzo[a]anthracene (C...	14.534	8751392	64.557 ug/ml
15) T Chrysene (C27.41)	14.579	8824657	59.447 ug/ml
16) T benzo[b]fluoranthene ...	16.077	8504265	60.580 ug/ml
17) T Bnezo[k]fluoranthene ...	16.113	8474594	59.844 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.451	7129489	51.611 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.814	8732543	69.870 ug/ml
20) T Dibenz[a,h]anthracene...	17.854	8089238	61.340 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	7682730	57.179 ug/ml

(f)=RT Delta > 1/2 Window

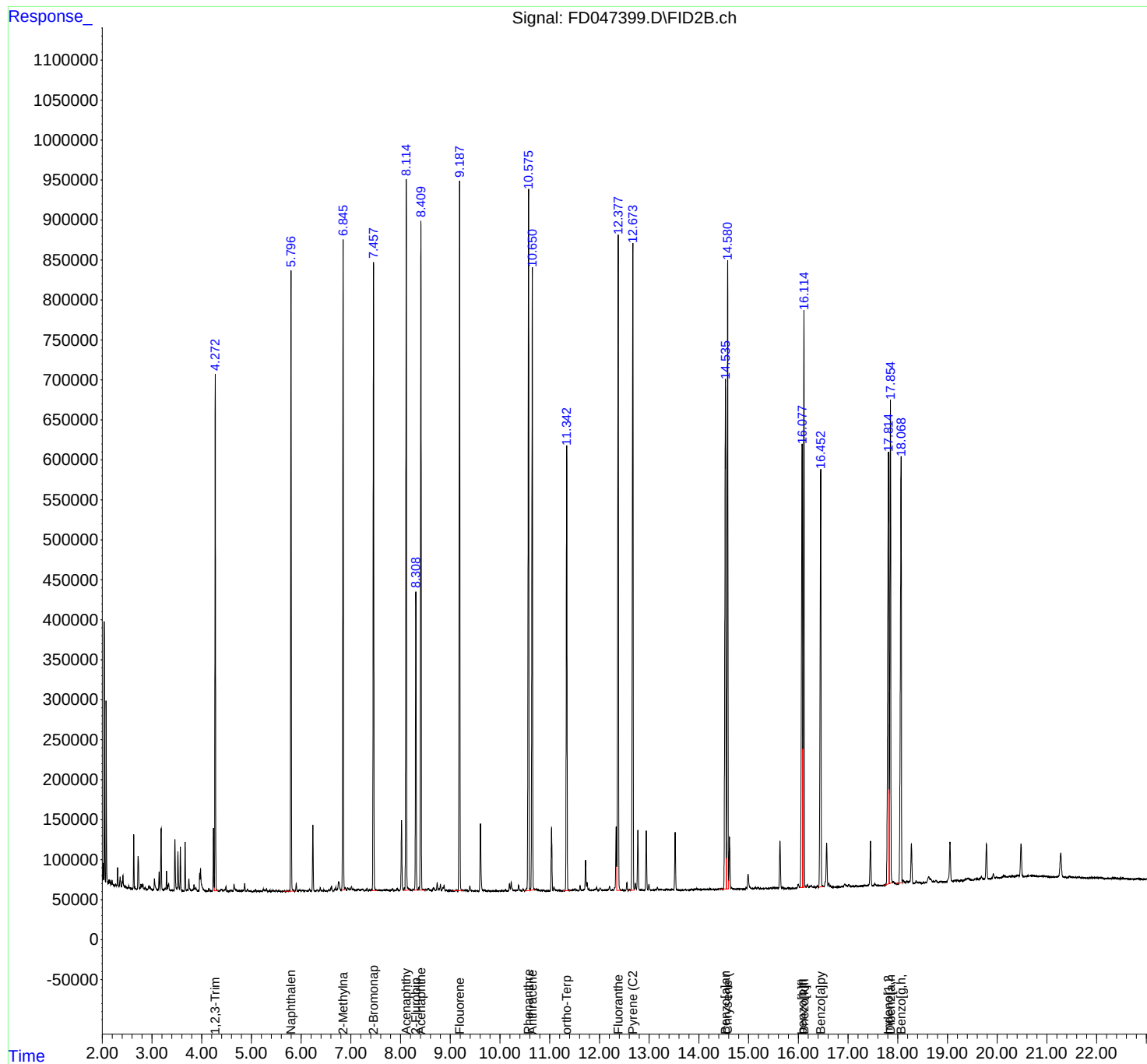
(m)=manual int.

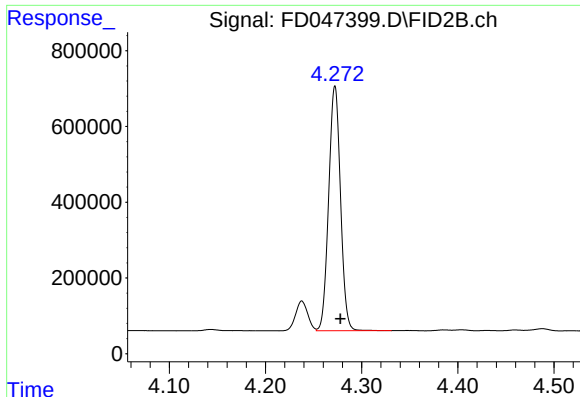
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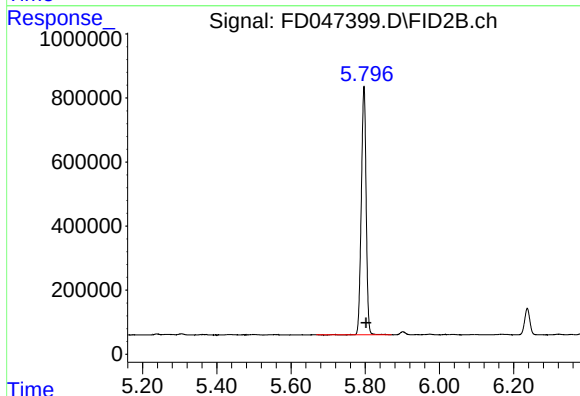




#1 1,2,3-Trimethylbenzene (C10.1)

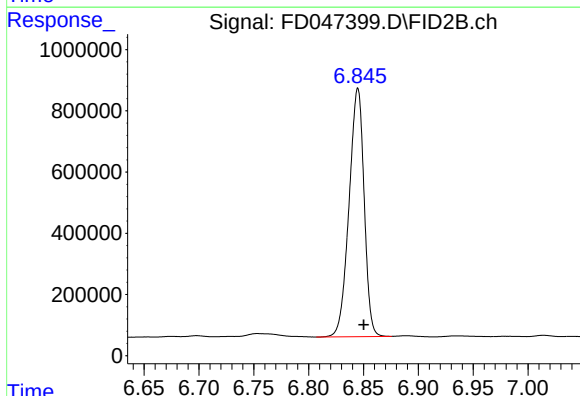
R.T.: 4.272 min
Delta R.T.: -0.006 min
Response: 5525406
Conc: 31.09 ug/ml

Instrument :
FID_D
ClientSampleId :
TP9MSD



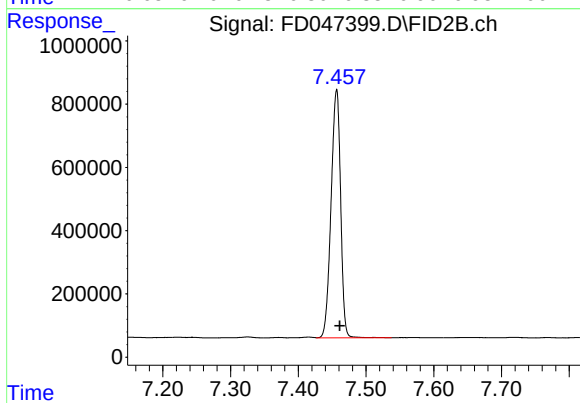
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.006 min
Response: 7024962
Conc: 38.52 ug/ml



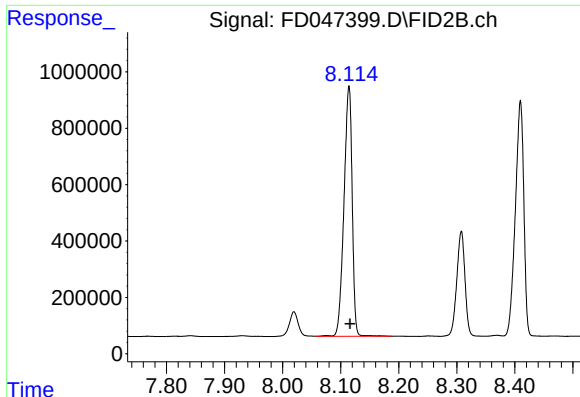
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: -0.006 min
Response: 7756752
Conc: 42.53 ug/ml



#4 2-Bromonaphthalene (SURR)

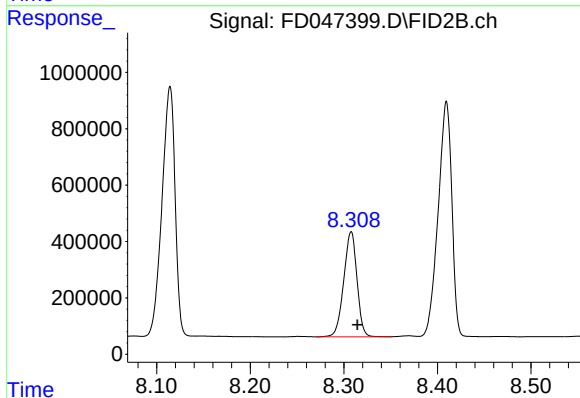
R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 7674206
Conc: 46.46 ug/ml



#5 Acenaphthylene (C15.06)

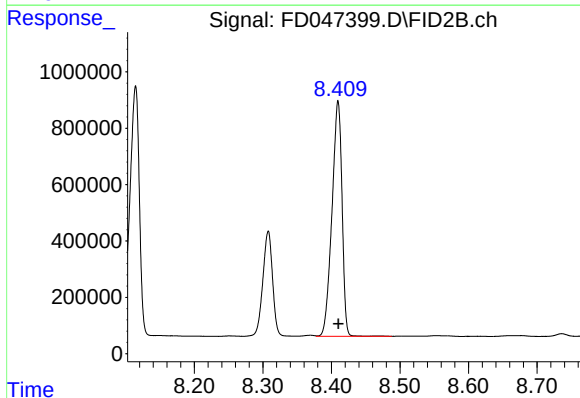
R.T.: 8.114 min
Delta R.T.: -0.002 min
Response: 8748298
Conc: 52.47 ug/ml

Instrument :
FID_D
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TP9MSD



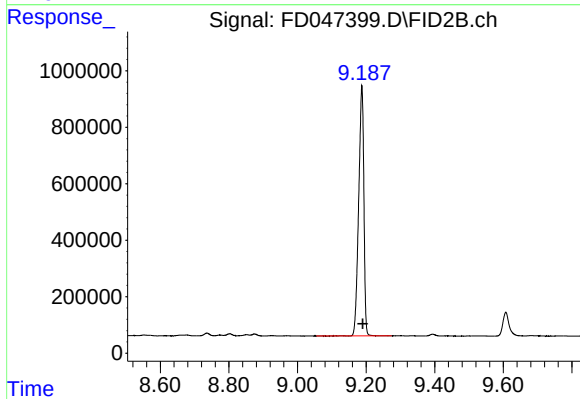
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.308 min
Delta R.T.: -0.007 min
Response: 3662973
Conc: 34.43 ug/ml



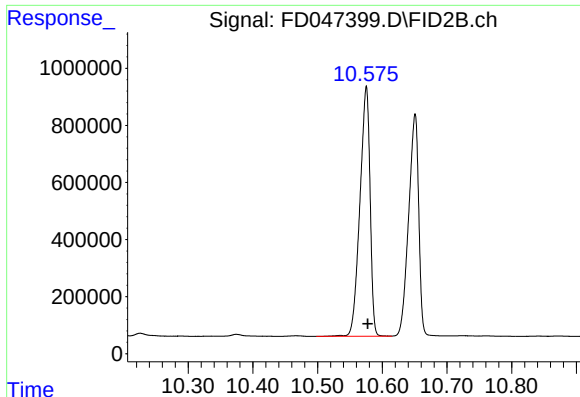
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.000 min
Response: 8516803
Conc: 48.34 ug/ml



#8 Flouorene (C16.55)

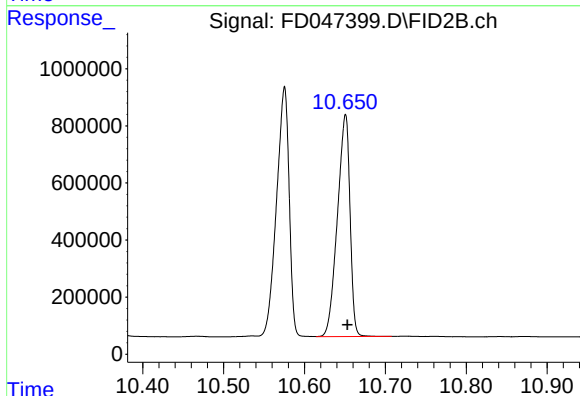
R.T.: 9.187 min
Delta R.T.: -0.003 min
Response: 9268593
Conc: 55.02 ug/ml



#9 Phenanthrene (C19.36)

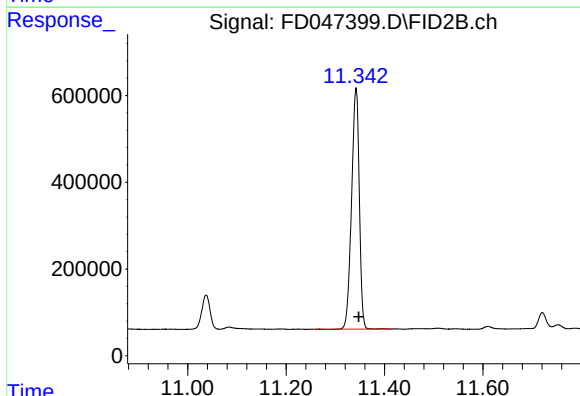
R.T.: 10.575 min
Delta R.T.: -0.003 min
Response: 9538943
Conc: 58.90 ug/ml

Instrument :
FID_D
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TP9MSD



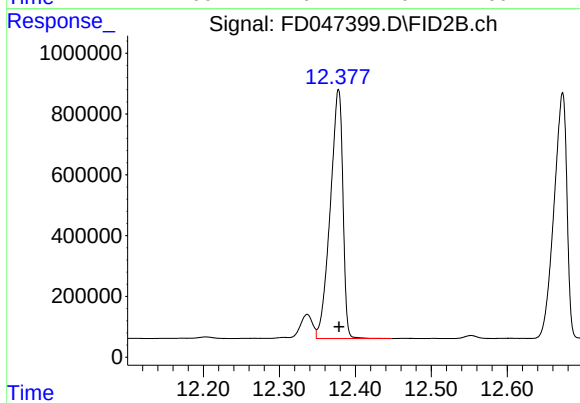
#10 Anthracene (C19.43)

R.T.: 10.650 min
Delta R.T.: -0.003 min
Response: 8415982
Conc: 57.19 ug/ml



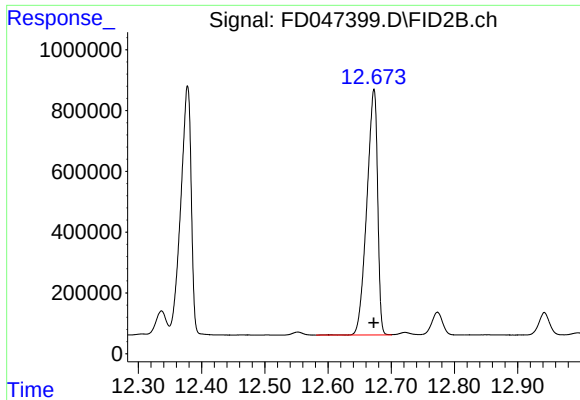
#11 ortho-Terphenyl (SURR)

R.T.: 11.342 min
Delta R.T.: -0.006 min
Response: 6051132
Conc: 32.42 ug/ml



#12 Fluoranthene (C21.85)

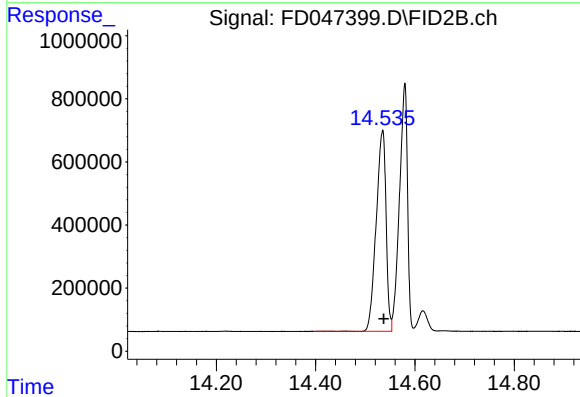
R.T.: 12.377 min
Delta R.T.: -0.001 min
Response: 9477092
Conc: 59.45 ug/ml



#13 Pyrene (C20.8)

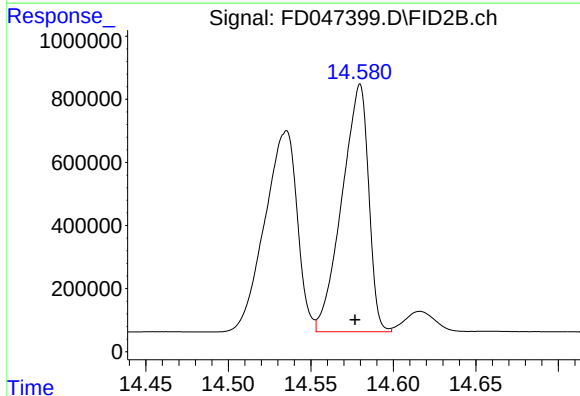
R.T.: 12.672 min
Delta R.T.: 0.000 min
Response: 9553462
Conc: 61.75 ug/ml

Instrument :
FID_D
ClientSampleId :
TP9MSD



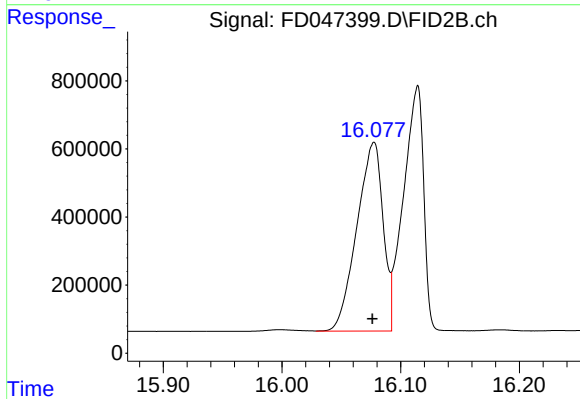
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.534 min
Delta R.T.: -0.003 min
Response: 8751392
Conc: 64.56 ug/ml



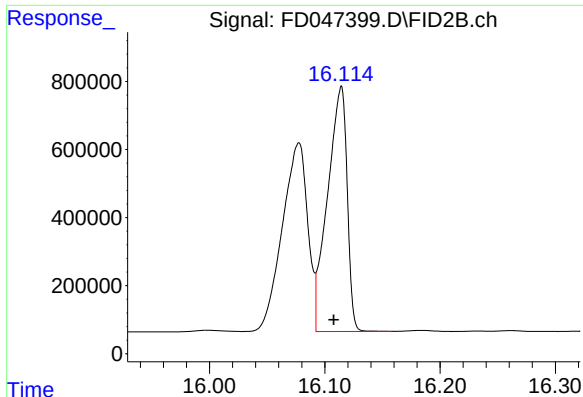
#15 Chrysene (C27.41)

R.T.: 14.579 min
Delta R.T.: 0.002 min
Response: 8824657
Conc: 59.45 ug/ml



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

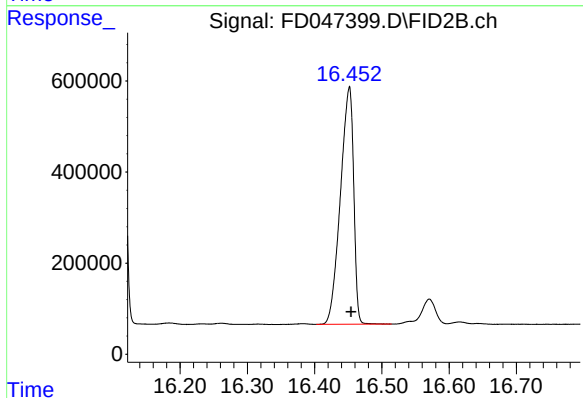
R.T.: 16.077 min
Delta R.T.: 0.000 min
Response: 8504265
Conc: 60.58 ug/ml



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

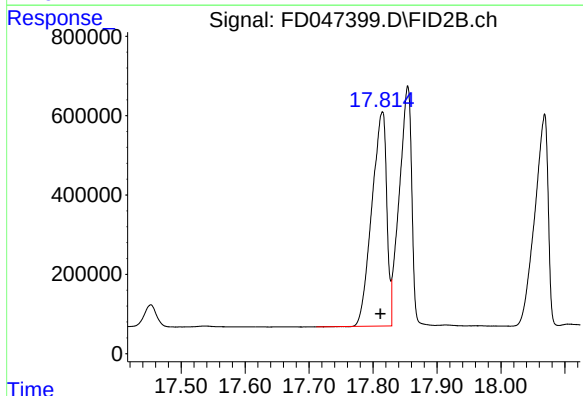
R.T.: 16.113 min
Delta R.T.: 0.005 min
Response: 8474594
Conc: 59.84 ug/ml

Instrument :
FID_D
ClientSampleId :
TP9MSD



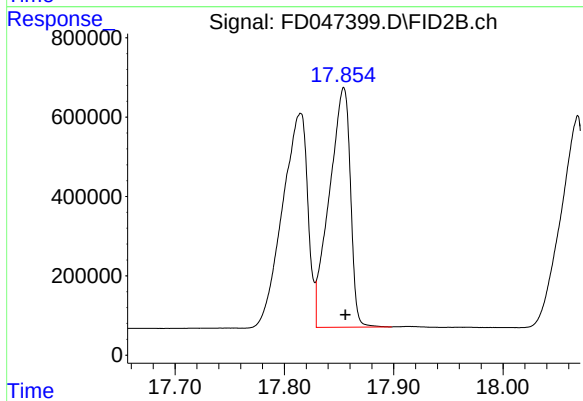
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min
Delta R.T.: -0.004 min
Response: 7129489
Conc: 51.61 ug/ml



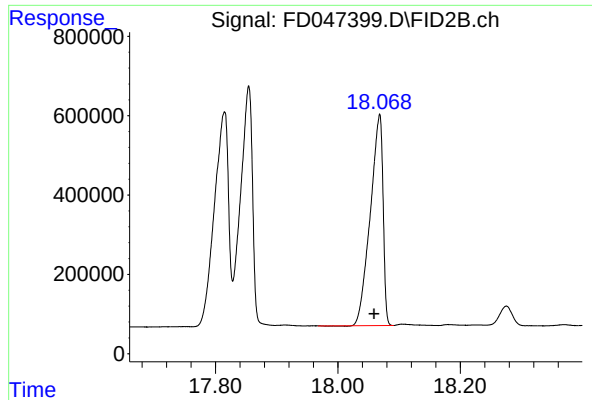
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.814 min
Delta R.T.: 0.002 min
Response: 8732543
Conc: 69.87 ug/ml



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

R.T.: 17.854 min
Delta R.T.: -0.002 min
Response: 8089238
Conc: 61.34 ug/ml



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

R.T.: 18.067 min
Delta R.T.: 0.008 min
Response: 7682730
Conc: 57.18 ug/ml

Instrument :
FID_D
ClientSampleId :
TP9MSD