

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091824AR\
 Data File : FD048327.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2024 18:18
 Operator : YP/AJ
 Sample : PB163506BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163506BSD

Integration File: autoint1.e
 Quant Time: Sep 19 05:10:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.389	8069933	53.210 ug/ml
Spiked Amount 50.000		Recovery =	106.42%
6) S 2-Fluorobiphenyl (SURR)	8.240	5042114	52.770 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.54%
11) S ortho-Terphenyl (SURR)	11.275	7391860	43.084 ug/ml
Spiked Amount 50.000		Recovery =	86.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.210	6853332	38.849 ug/ml
2) T Naphthalene (C11.7)	5.728	7605031	42.054 ug/ml
3) T 2-Methylnaphthalene (...)	6.775	7805933	43.631 ug/ml
5) T Acenaphthylene (C15.06)	8.043	8058006	46.121 ug/ml
7) T Acenaphthene (C15.5)	8.338	8033151	45.167 ug/ml
8) T Fluorene (C16.55)	9.117	8093811	48.336 ug/ml
9) T Phenanthrene (C19.36)	10.504	8153096	50.500 ug/ml
10) T Anthracene (C19.43)	10.580	7986311	50.187 ug/ml
12) T Fluoranthene (C21.85)	12.308	9617568	59.326 ug/ml
13) T Pyrene (C20.8)	12.602	8413905	52.476 ug/ml
14) T Benzo[a]anthracene (C...	14.471	7630907	54.476 ug/ml
15) T Chrysene (C27.41)	14.514	7616075	46.237 ug/ml
16) T benzo[b]fluoranthene ...	16.017	7813621	52.590 ug/ml
17) T Bnezo[k]fluoranthene ...	16.052	7631330	49.549 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.393	7435376	50.255 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.757	6859873	60.710 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	7106030	46.563 ug/ml
21) T Benzo[g,h,i]perylene ...	18.009	6883485	46.699 ug/ml

(f)=RT Delta > 1/2 Window

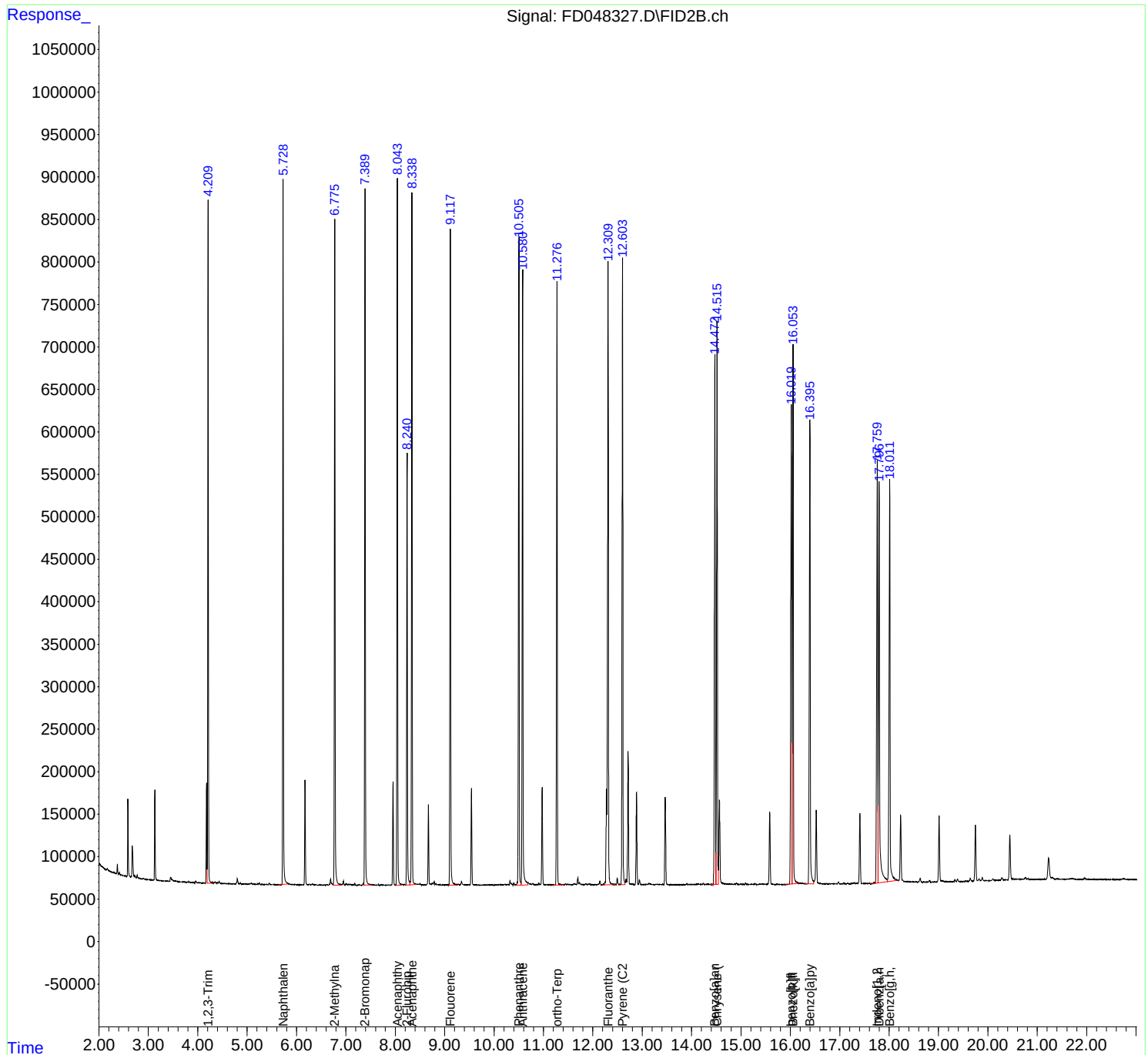
(m)=manual int.

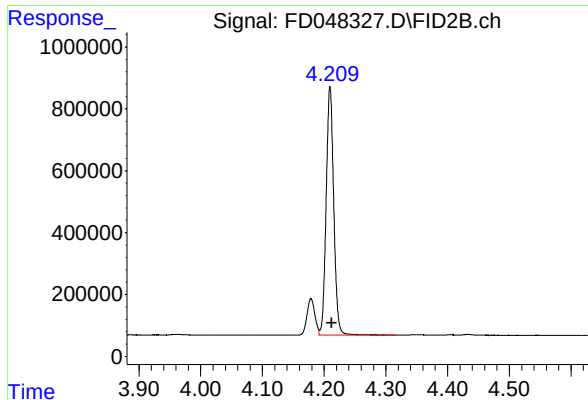
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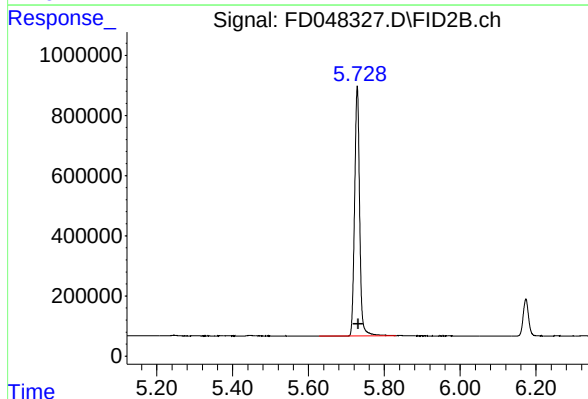




#1 1,2,3-Trimethylbenzene (C10.1)

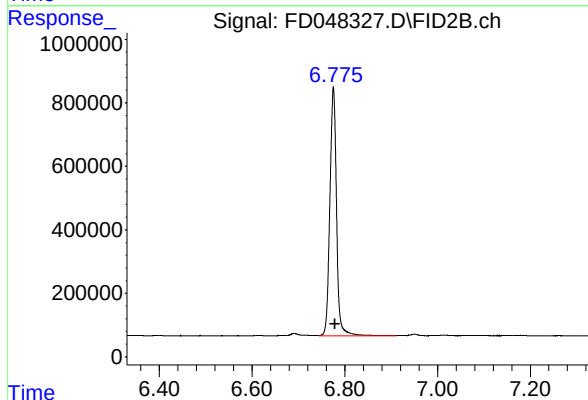
R.T.: 4.210 min
Delta R.T.: -0.002 min
Response: 6853332
Conc: 38.85 ug/ml

Instrument :
FID_D
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PB163506BSD



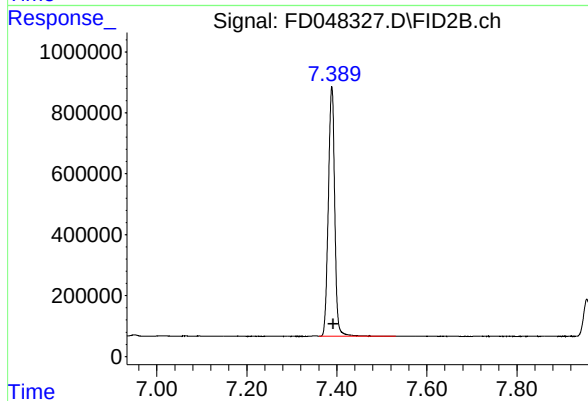
#2 Naphthalene (C11.7)

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 7605031
Conc: 42.05 ug/ml



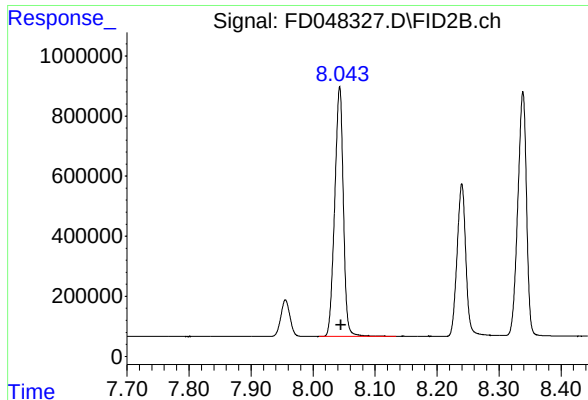
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 7805933
Conc: 43.63 ug/ml



#4 2-Bromonaphthalene (SURR)

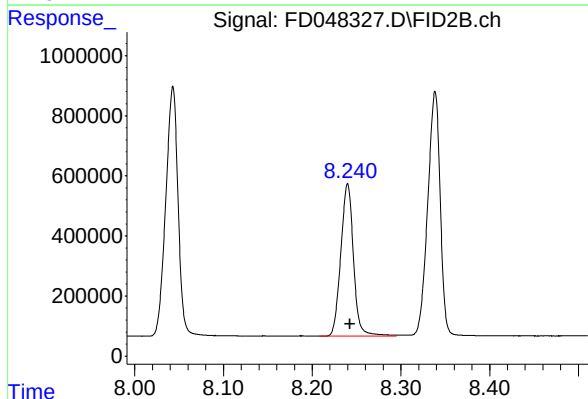
R.T.: 7.389 min
Delta R.T.: -0.003 min
Response: 8069933
Conc: 53.21 ug/ml



#5 Acenaphthylene (C15.06)

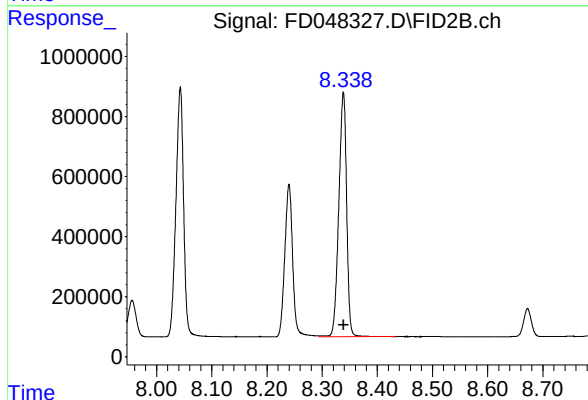
R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 8058006
Conc: 46.12 ug/ml

Instrument :
FID_D
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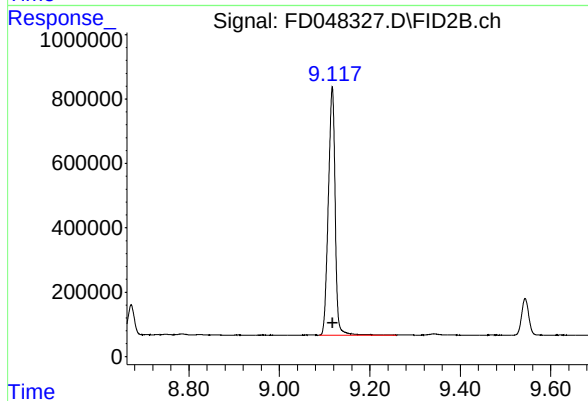
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.240 min
Delta R.T.: -0.003 min
Response: 5042114
Conc: 52.77 ug/ml



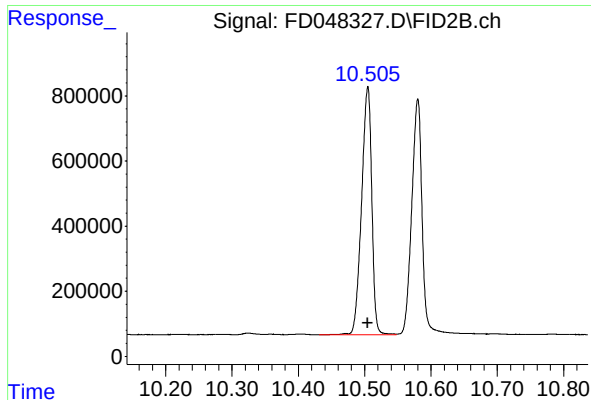
#7 Acenaphthene (C15.5)

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 8033151
Conc: 45.17 ug/ml



#8 Fluorene (C16.55)

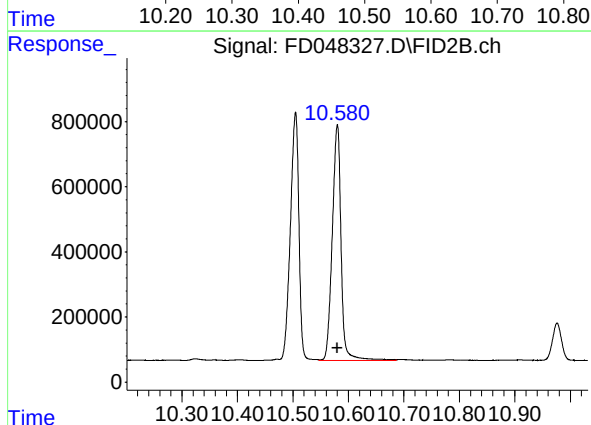
R.T.: 9.117 min
Delta R.T.: 0.000 min
Response: 8093811
Conc: 48.34 ug/ml



#9 Phenanthrene (C19.36)

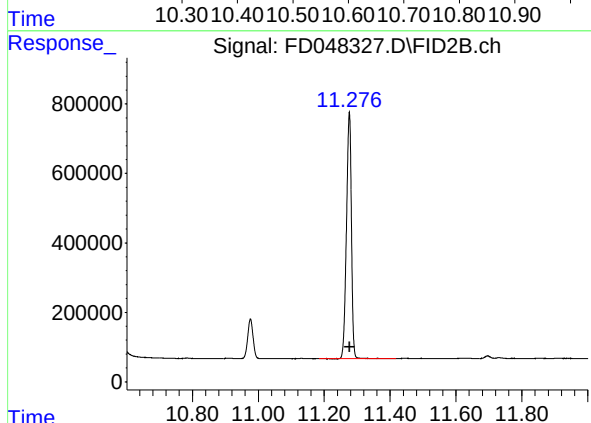
R.T.: 10.504 min
Delta R.T.: 0.000 min
Response: 8153096
Conc: 50.50 ug/ml

Instrument :
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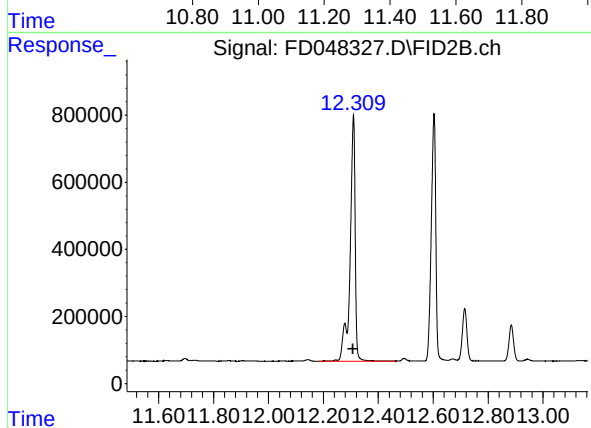
#10 Anthracene (C19.43)

R.T.: 10.580 min
Delta R.T.: 0.000 min
Response: 7986311
Conc: 50.19 ug/ml



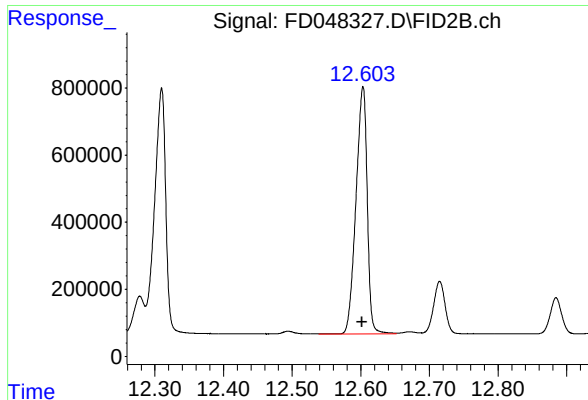
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.002 min
Response: 7391860
Conc: 43.08 ug/ml



#12 Fluoranthene (C21.85)

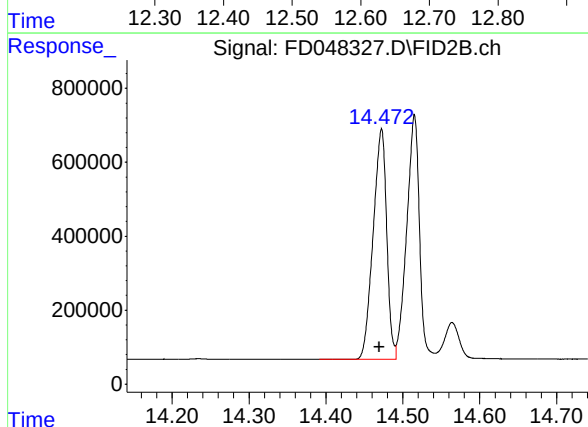
R.T.: 12.308 min
Delta R.T.: 0.000 min
Response: 9617568
Conc: 59.33 ug/ml



#13 Pyrene (C20.8)

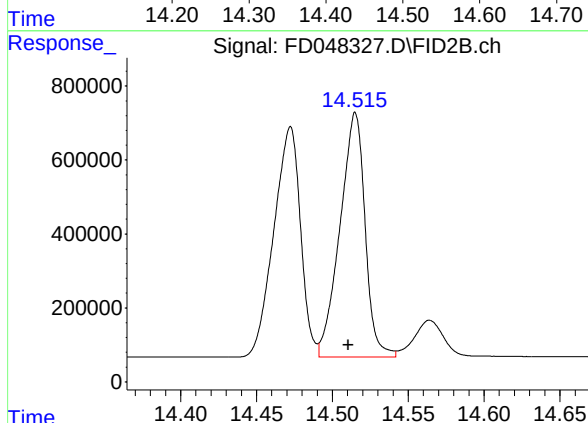
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 8413905
Conc: 52.48 ug/ml

Instrument :
FID_D
ClientSampleId :
PB163506BSD



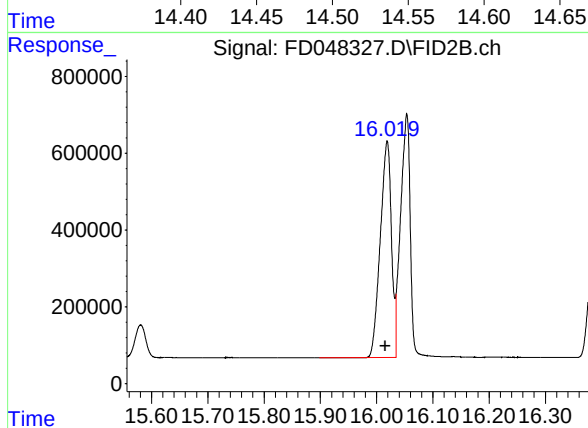
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.471 min
Delta R.T.: 0.002 min
Response: 7630907
Conc: 54.48 ug/ml



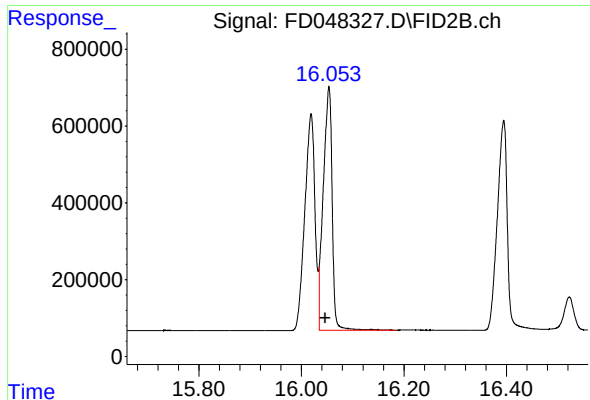
#15 Chrysene (C27.41)

R.T.: 14.514 min
Delta R.T.: 0.003 min
Response: 7616075
Conc: 46.24 ug/ml



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

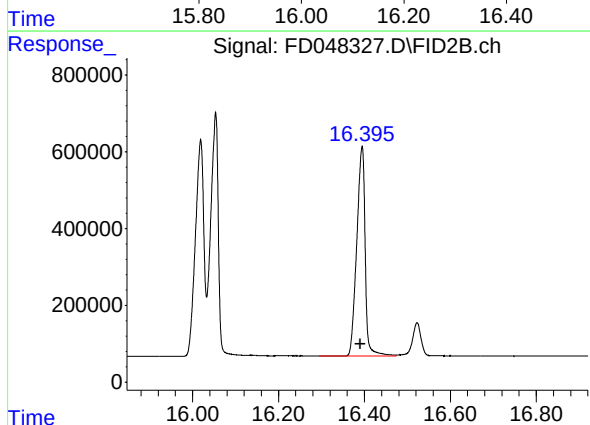
R.T.: 16.017 min
Delta R.T.: 0.002 min
Response: 7813621
Conc: 52.59 ug/ml



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

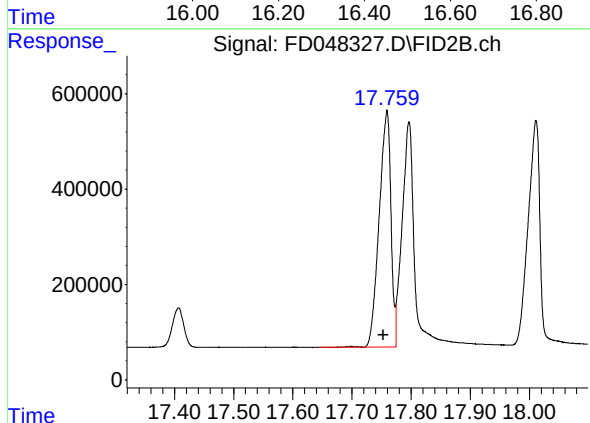
R.T.: 16.052 min
Delta R.T.: 0.005 min
Response: 7631330
Conc: 49.55 ug/ml

Instrument :
FID_D
ClientSampleId :
PB163506BSD



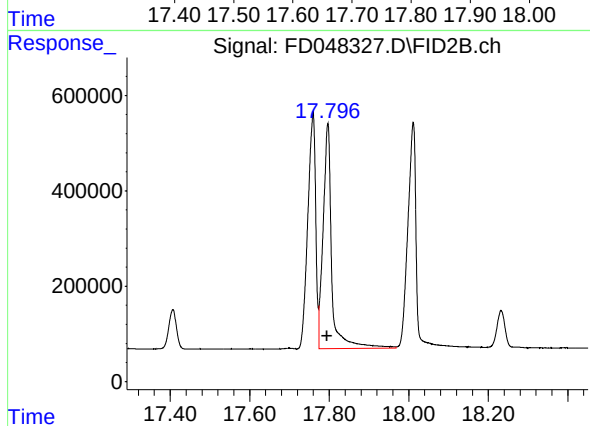
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.393 min
Delta R.T.: 0.002 min
Response: 7435376
Conc: 50.26 ug/ml



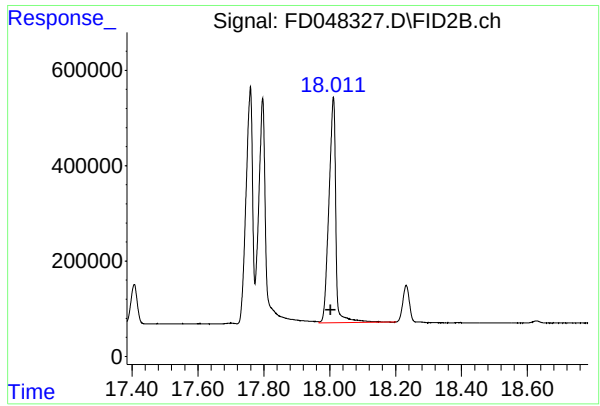
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.757 min
Delta R.T.: 0.004 min
Response: 6859873
Conc: 60.71 ug/ml



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

R.T.: 17.795 min
Delta R.T.: 0.000 min
Response: 7106030
Conc: 46.56 ug/ml



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

R.T.: 18.009 min
Delta R.T.: 0.006 min
Response: 6883485
Conc: 46.70 ug/ml

Instrument :

FID_D

ClientSampleId :

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