

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120723AR\
 Data File : FD047017.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2023 21:19
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 23:27:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 2023
 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...	7.473	3390206	19.596 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
6) S 2-Fluorobiphenyl (SURR)	8.327	2198584	20.218 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.44%
11) S ortho-Terphenyl (SURR)	11.365	4024441	20.224 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	3479576	18.701 ug/ml
2) T Naphthalene (C11.7)	5.813	3663456	19.238 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	3713722	19.285 ug/ml
5) T Acenaphthylene (C15.06)	8.130	3426173	19.682 ug/ml
7) T Acenaphthene (C15.5)	8.426	3661506	19.744 ug/ml
8) T Fluorene (C16.55)	9.204	3522583	20.407 ug/ml
9) T Phenanthrene (C19.36)	10.593	3377008	20.568 ug/ml
10) T Anthracene (C19.43)	10.667	3124687	20.206 ug/ml
12) T Fluoranthene (C21.85)	12.396	3335355	21.044 ug/ml
13) T Pyrene (C20.8)	12.690	3238458	21.166 ug/ml
14) T Benzo[a]anthracene (C...	14.554	2755300	21.250 ug/ml
15) T Chrysene (C27.41)	14.595	2965397	20.689 ug/ml
16) T benzo[b]fluoranthene ...	16.096	2849826	21.336 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	2950946	21.599 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	2761058	21.075 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	2623595	21.988 ug/ml
20) T Dibenz[a,h]anthracene...	17.869	2570813	19.785 ug/ml
21) T Benzo[g,h,i]perylene ...	18.080	2755679	21.061 ug/ml

(f)=RT Delta > 1/2 Window

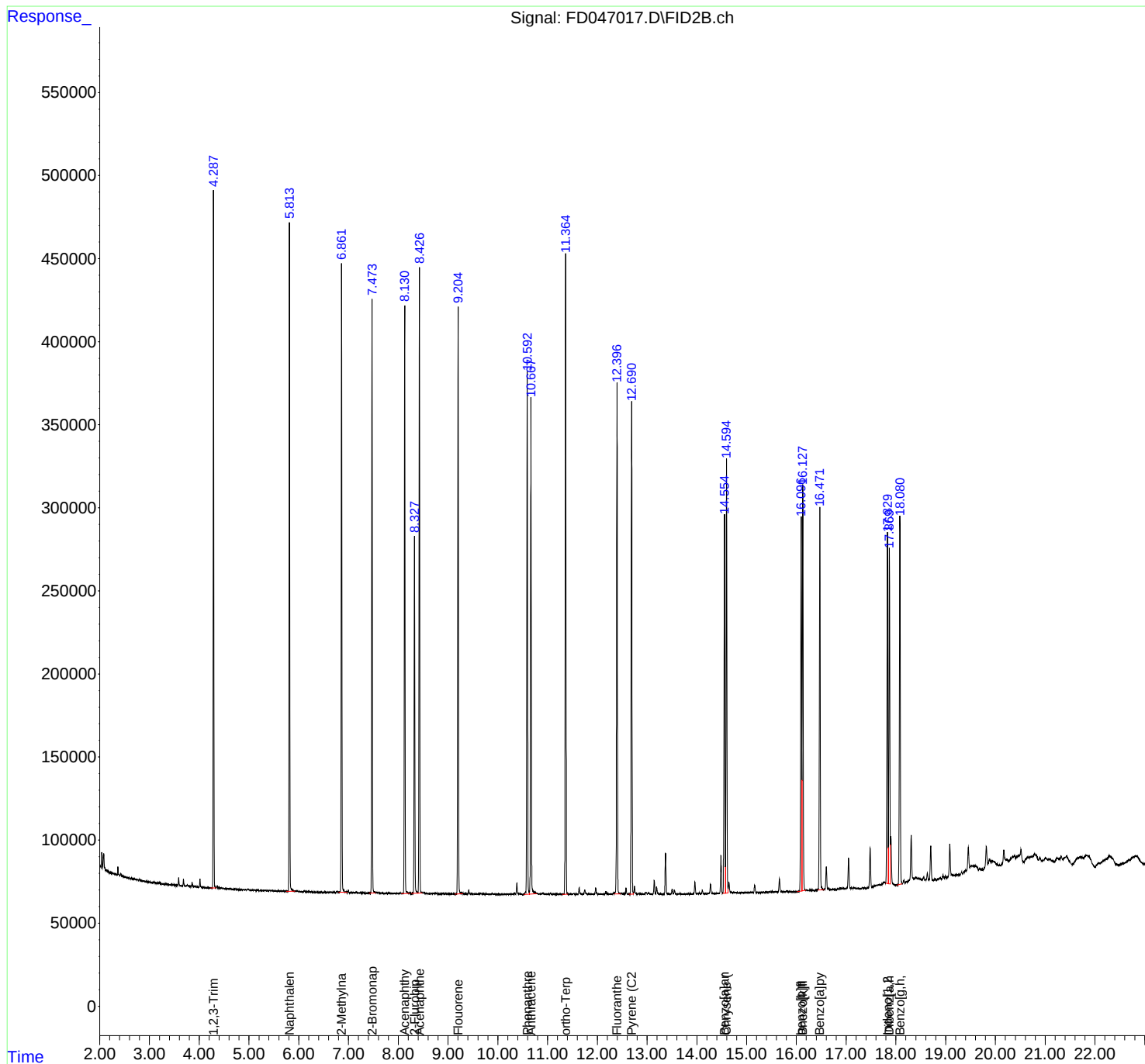
(m)=manual int.

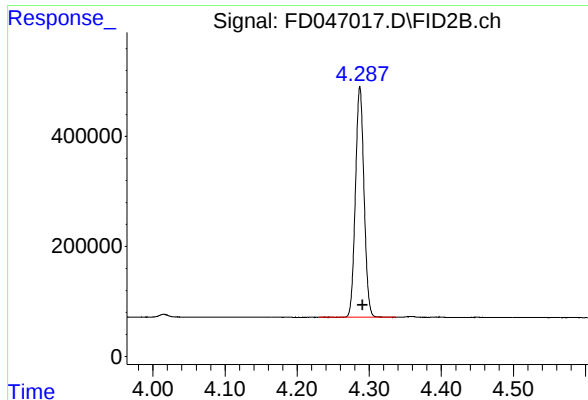
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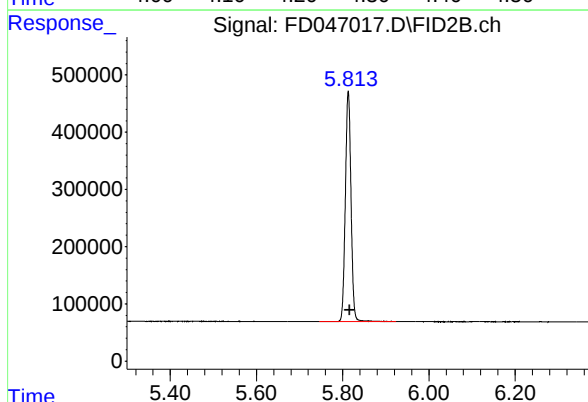




#1 1,2,3-Trimethylbenzene (C10.1)

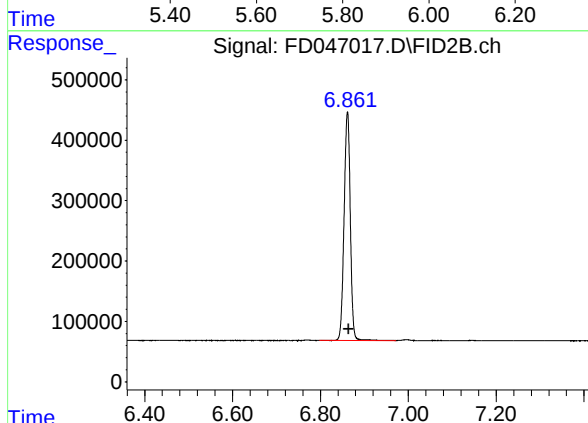
R.T.: 4.287 min
Delta R.T.: -0.004 min
Response: 3479576
Conc: 18.70 ug/ml

Instrument :
FID_D
ClientSampleId :



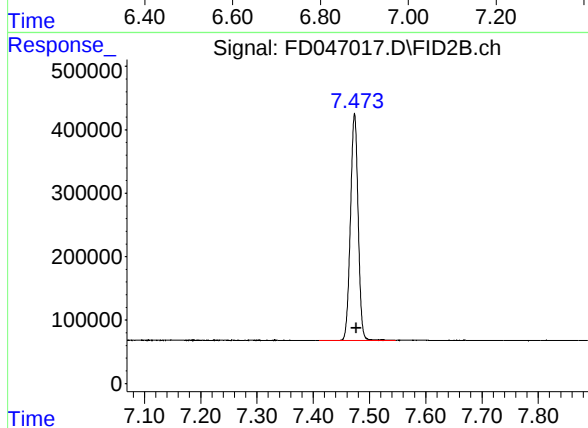
#2 Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: -0.004 min
Response: 3663456
Conc: 19.24 ug/ml



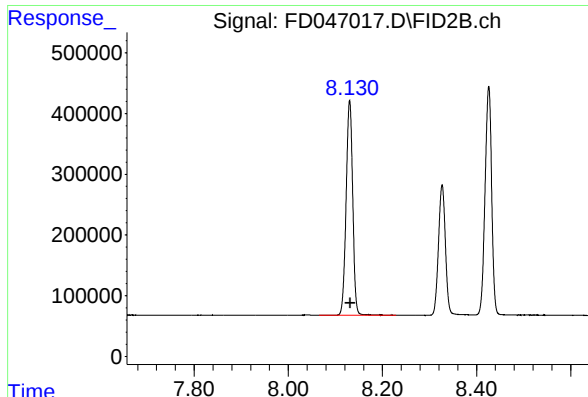
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 3713722
Conc: 19.28 ug/ml



#4 2-Bromonaphthalene (SURR)

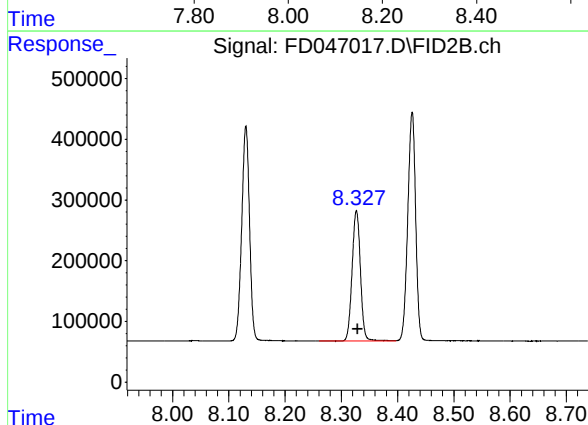
R.T.: 7.473 min
Delta R.T.: -0.003 min
Response: 3390206
Conc: 19.60 ug/ml



#5 Acenaphthylene (C15.06)

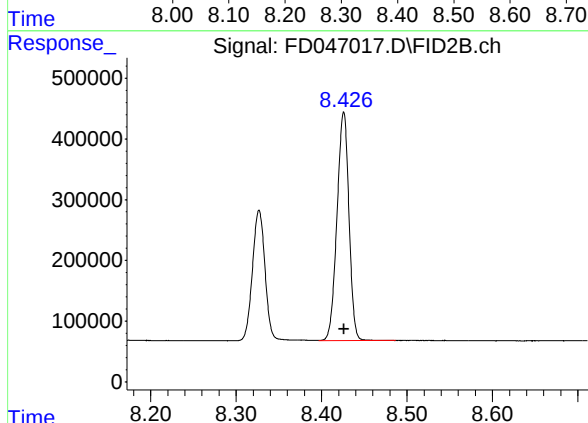
R.T.: 8.130 min
Delta R.T.: -0.002 min
Response: 3426173
Conc: 19.68 ug/ml

Instrument :
FID_D
ClientSampleId :



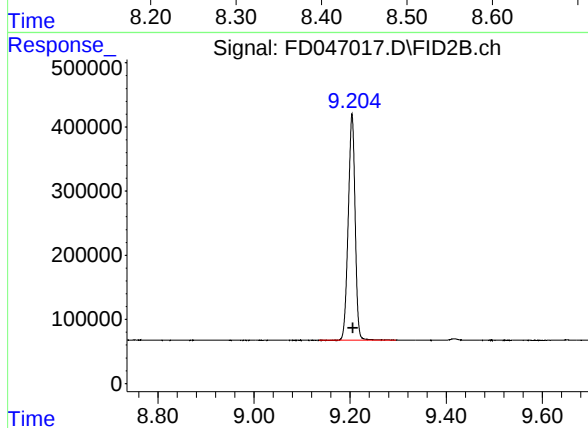
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.327 min
Delta R.T.: -0.003 min
Response: 2198584
Conc: 20.22 ug/ml



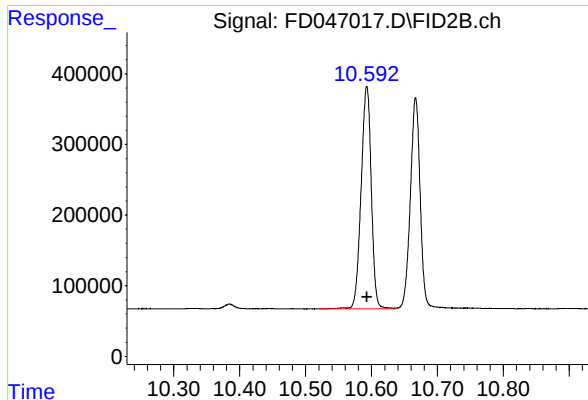
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: 0.000 min
Response: 3661506
Conc: 19.74 ug/ml



#8 Fluorene (C16.55)

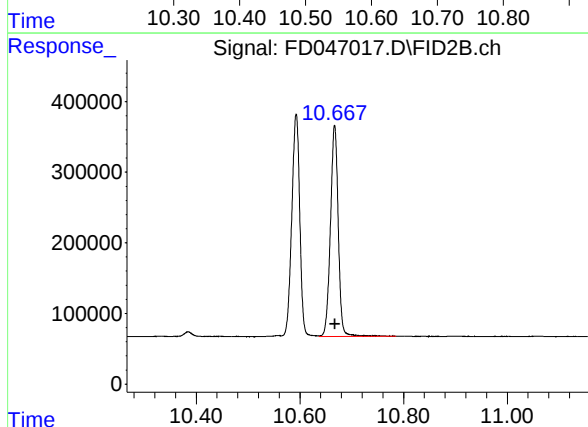
R.T.: 9.204 min
Delta R.T.: -0.002 min
Response: 3522583
Conc: 20.41 ug/ml



#9 Phenanthrene (C19.36)

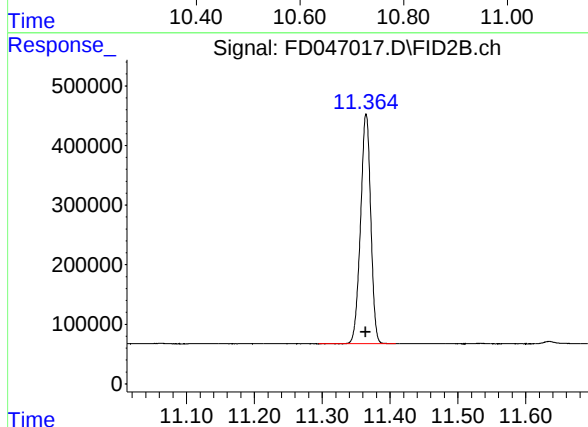
R.T.: 10.593 min
Delta R.T.: 0.000 min
Response: 3377008
Conc: 20.57 ug/ml

Instrument :
FID_D
ClientSampleId :



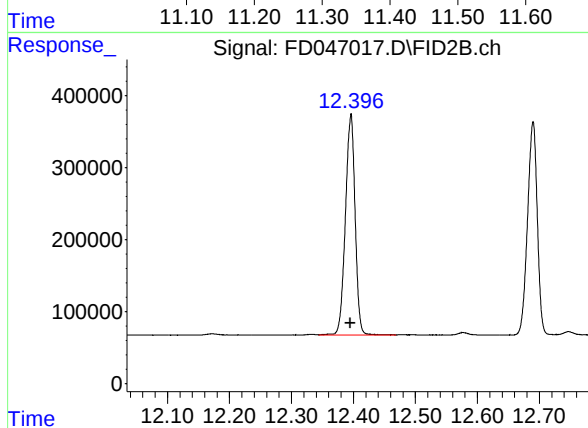
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: 0.000 min
Response: 3124687
Conc: 20.21 ug/ml



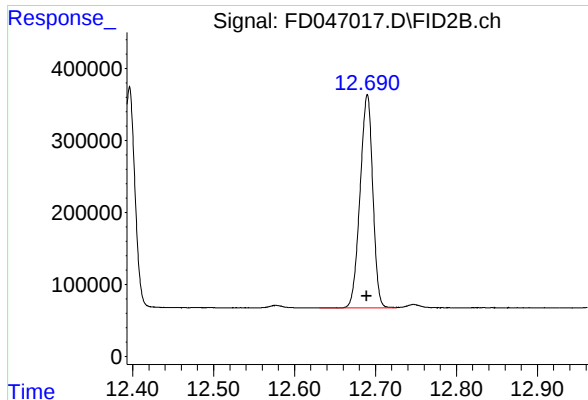
#11 ortho-Terphenyl (SURR)

R.T.: 11.365 min
Delta R.T.: 0.000 min
Response: 4024441
Conc: 20.22 ug/ml



#12 Fluoranthene (C21.85)

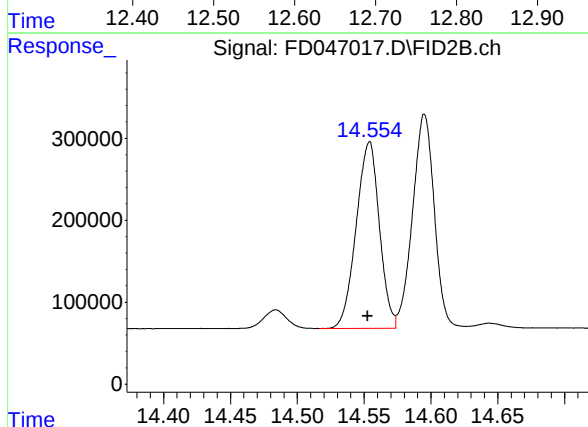
R.T.: 12.396 min
Delta R.T.: 0.000 min
Response: 3335355
Conc: 21.04 ug/ml



#13 Pyrene (C20.8)

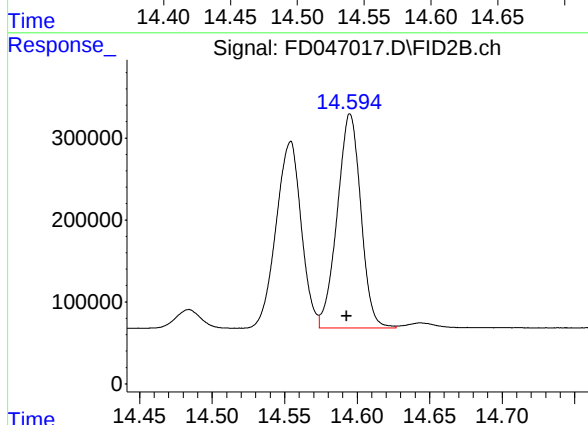
R.T.: 12.690 min
Delta R.T.: 0.000 min
Response: 3238458
Conc: 21.17 ug/ml

Instrument :
FID_D
ClientSampleId :



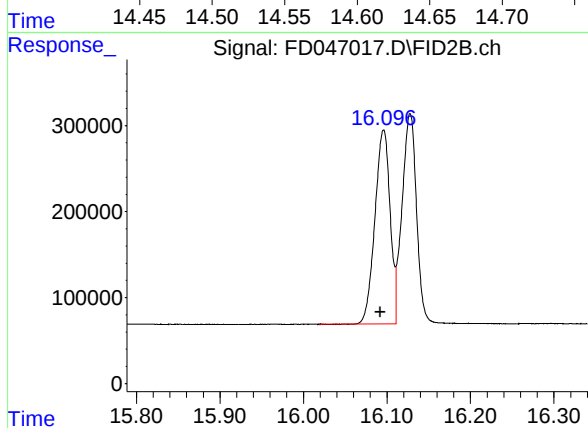
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.000 min
Response: 2755300
Conc: 21.25 ug/ml



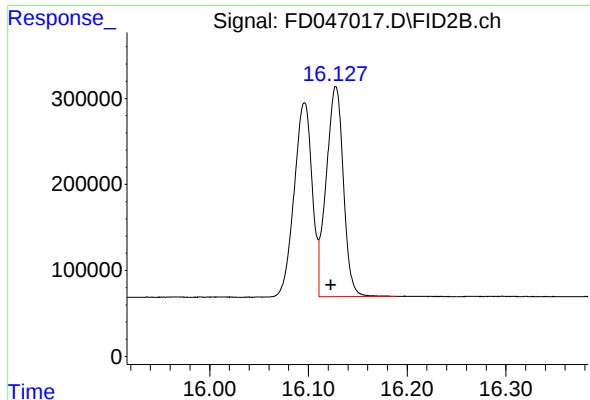
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.002 min
Response: 2965397
Conc: 20.69 ug/ml



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

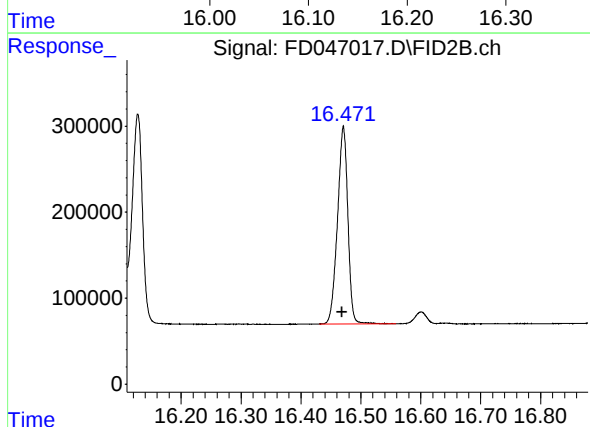
R.T.: 16.096 min
Delta R.T.: 0.004 min
Response: 2849826
Conc: 21.34 ug/ml



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

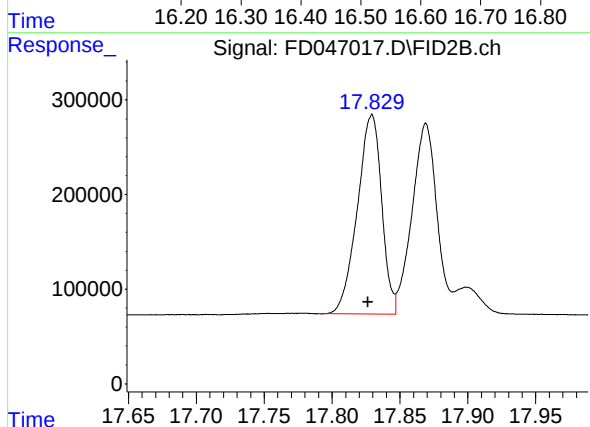
R.T.: 16.128 min
Delta R.T.: 0.005 min
Response: 2950946
Conc: 21.60 ug/ml

Instrument :
FID_D
ClientSampleId :



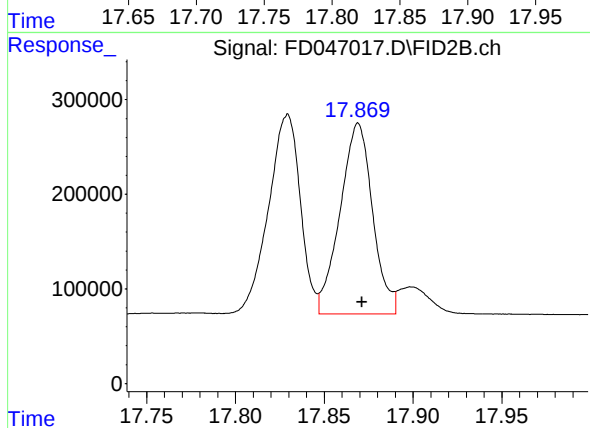
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min
Delta R.T.: 0.002 min
Response: 2761058
Conc: 21.08 ug/ml



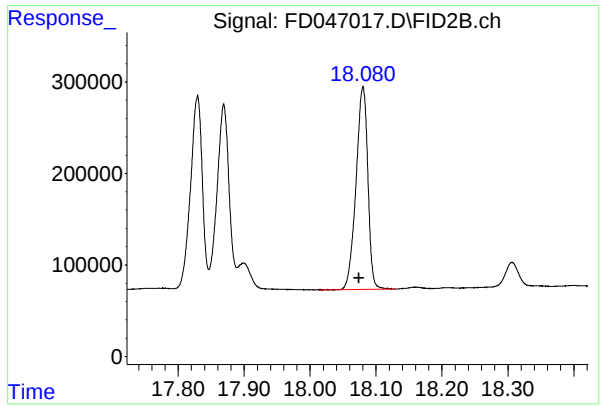
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.829 min
Delta R.T.: 0.002 min
Response: 2623595
Conc: 21.99 ug/ml



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

R.T.: 17.869 min
Delta R.T.: -0.002 min
Response: 2570813
Conc: 19.78 ug/ml



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

R.T.: 18.080 min
Delta R.T.: 0.006 min
Response: 2755679
Conc: 21.06 ug/ml

Instrument :

FID_D

ClientSampleId :