

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071823AR\
 Data File : FD046123.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jul 2023 13:11
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 19 04:56:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.508	4254987	19.745 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
6) S 2-Fluorobiphenyl (SURR)	8.363	2680470	19.367 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.73%
11) S ortho-Terphenyl (SURR)	11.402	5009115	19.758 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.321	5069148	20.349 ug/ml
2) T Naphthalene (C11.7)	5.848	5100101	19.991 ug/ml
3) T 2-Methylnaphthalene (...)	6.897	4992425	19.804 ug/ml
5) T Acenaphthylene (C15.06)	8.167	4316479	19.873 ug/ml
7) T Acenaphthene (C15.5)	8.463	4655651	19.751 ug/ml
8) T Fluorene (C16.55)	9.241	4353823	19.243 ug/ml
9) T Phenanthrene (C19.36)	10.629	4074432	19.095 ug/ml
10) T Anthracene (C19.43)	10.703	3146391	19.802 ug/ml
12) T Fluoranthene (C21.85)	12.433	3965575	19.377 ug/ml
13) T Pyrene (C20.8)	12.728	3904134	20.079 ug/ml
14) T Benzo[a]anthracene (C...	14.592	3569635	19.848 ug/ml
15) T Chrysene (C27.41)	14.633	3827737	19.502 ug/ml
16) T benzo[b]fluoranthene ...	16.134	3826985	20.404 ug/ml
17) T Bnezo[k]fluoranthene ...	16.167	3733420	18.874 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.509	3577749	20.535 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.865	3084660	16.575 ug/ml
20) T Dibenz[a,h]anthracene...	17.906	3050851	16.594 ug/ml
21) T Benzo[g,h,i]perylene ...	18.118	3353591	17.948 ug/ml

(f)=RT Delta > 1/2 Window

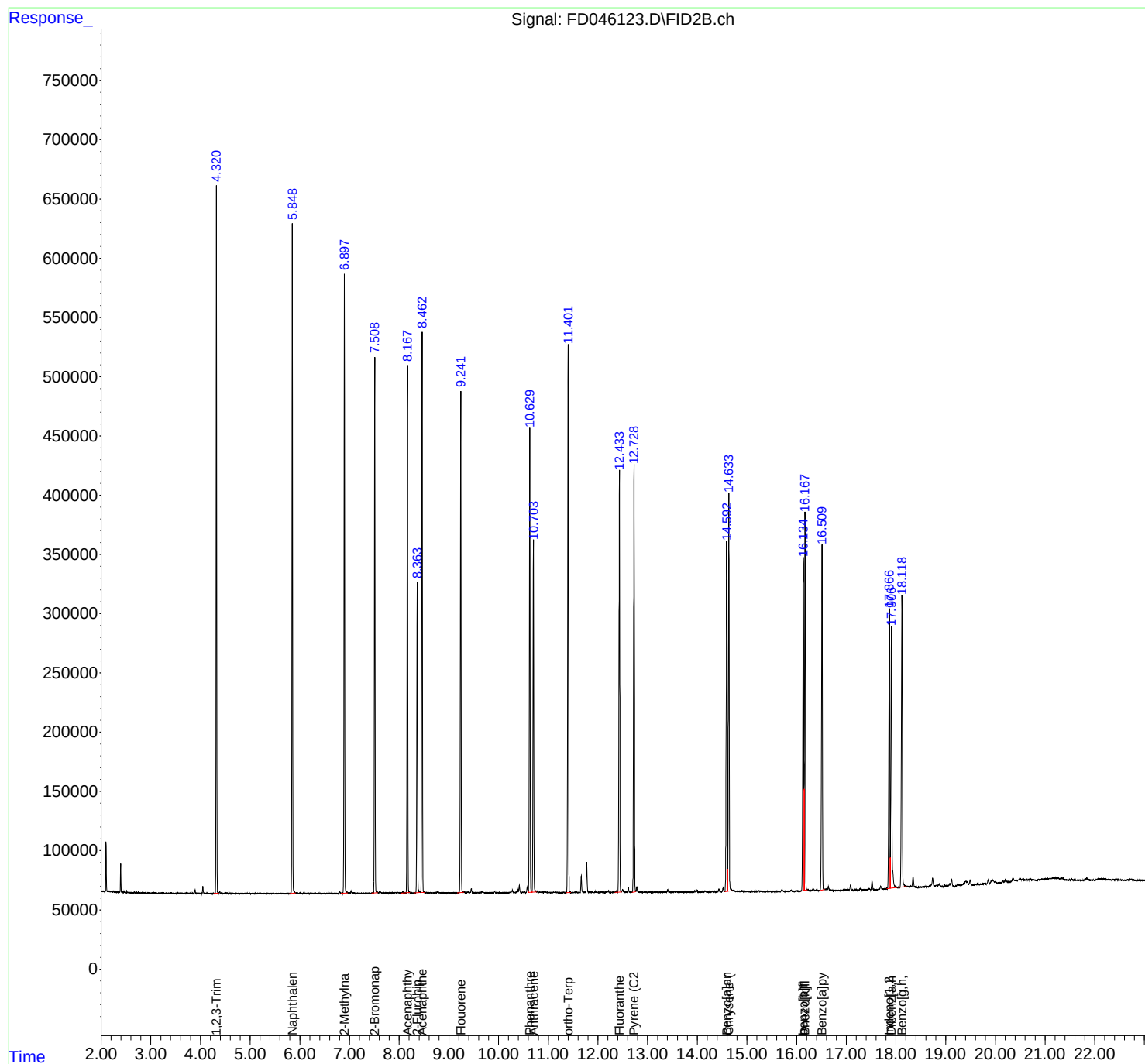
(m)=manual int.

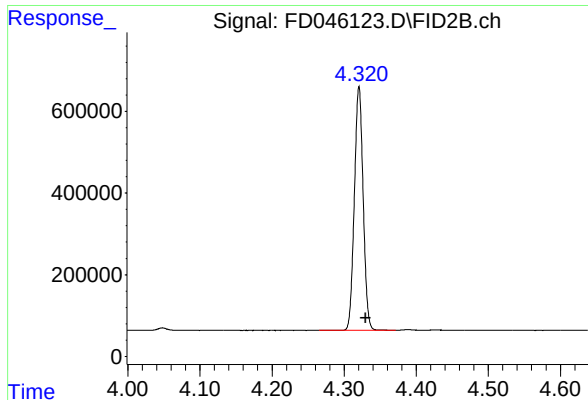
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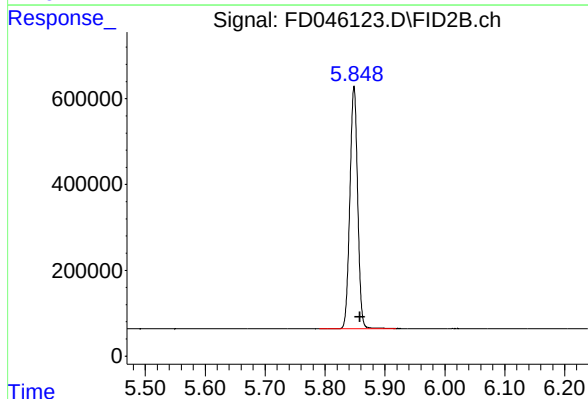




#1 1,2,3-Trimethylbenzene (C10.1)

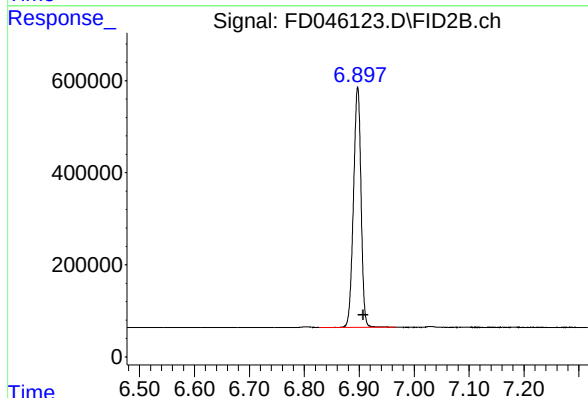
R.T.: 4.321 min
Delta R.T.: -0.009 min
Response: 5069148
Conc: 20.35 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



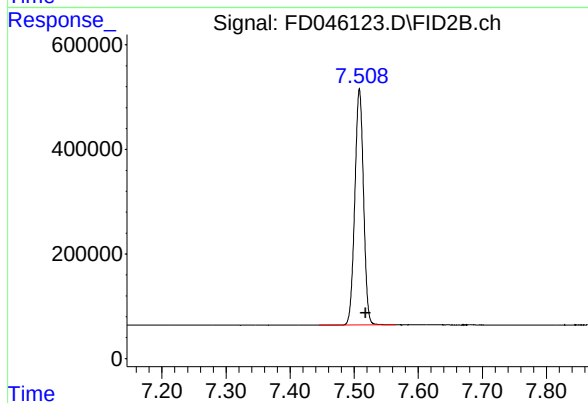
#2 Naphthalene (C11.7)

R.T.: 5.848 min
Delta R.T.: -0.010 min
Response: 5100101
Conc: 19.99 ug/ml



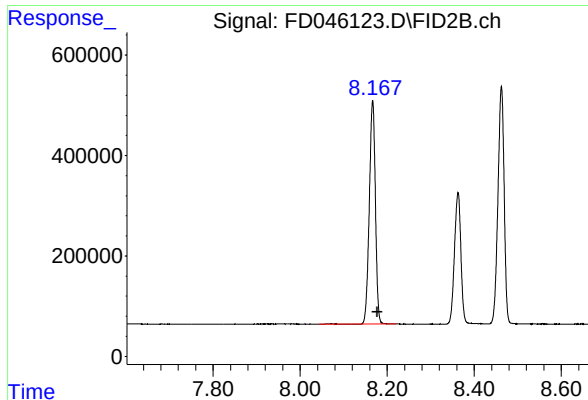
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.897 min
Delta R.T.: -0.010 min
Response: 4992425
Conc: 19.80 ug/ml



#4 2-Bromonaphthalene (SURR)

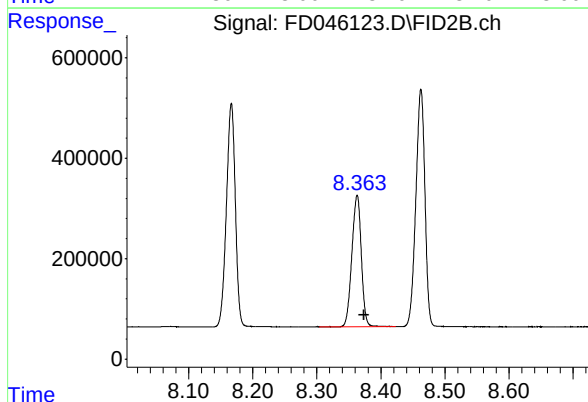
R.T.: 7.508 min
Delta R.T.: -0.010 min
Response: 4254987
Conc: 19.74 ug/ml



#5 Acenaphthylene (C15.06)

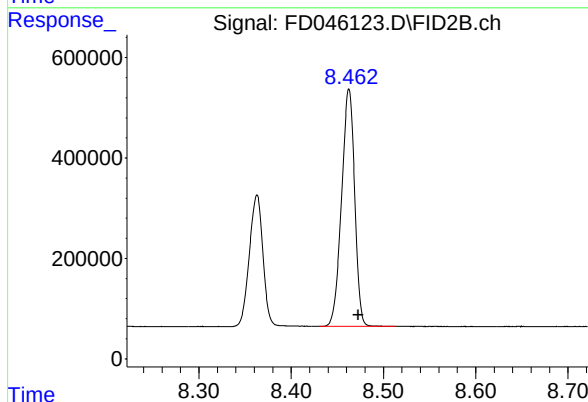
R.T.: 8.167 min
Delta R.T.: -0.011 min
Response: 4316479
Conc: 19.87 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



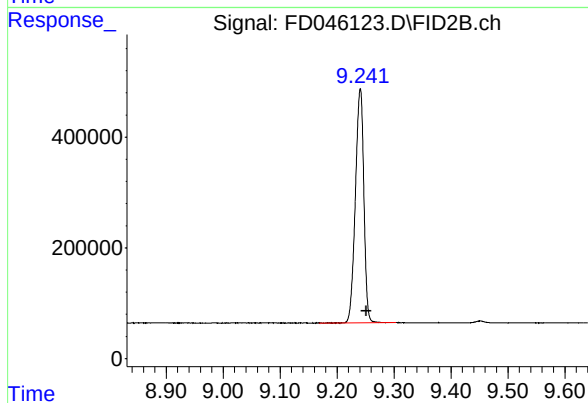
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.363 min
Delta R.T.: -0.011 min
Response: 2680470
Conc: 19.37 ug/ml



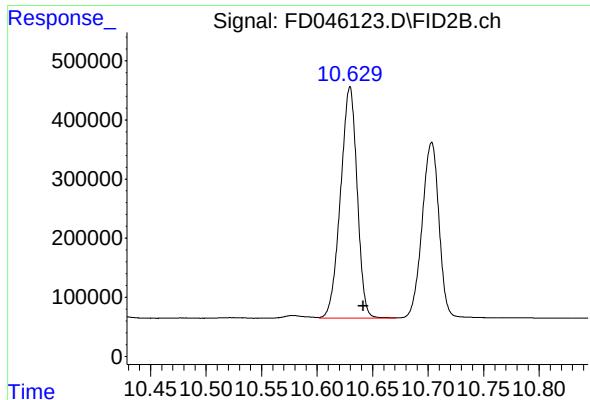
#7 Acenaphthene (C15.5)

R.T.: 8.463 min
Delta R.T.: -0.011 min
Response: 4655651
Conc: 19.75 ug/ml



#8 Fluorene (C16.55)

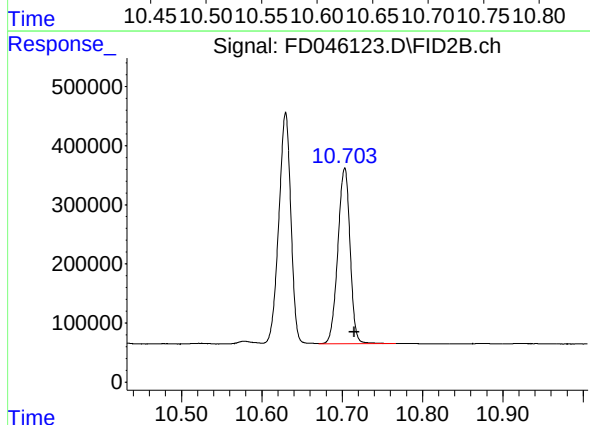
R.T.: 9.241 min
Delta R.T.: -0.011 min
Response: 4353823
Conc: 19.24 ug/ml



#9 Phenanthrene (C19.36)

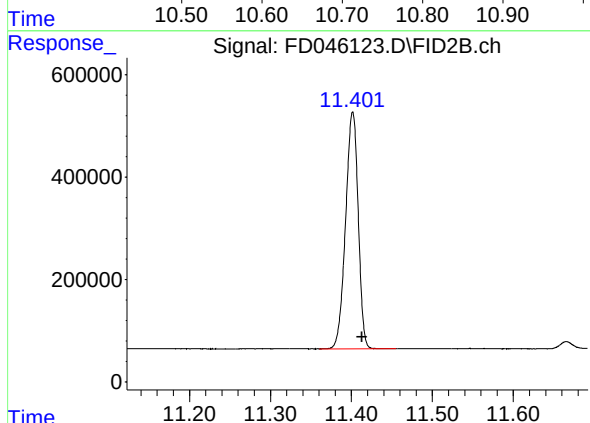
R.T.: 10.629 min
Delta R.T.: -0.012 min
Response: 4074432
Conc: 19.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



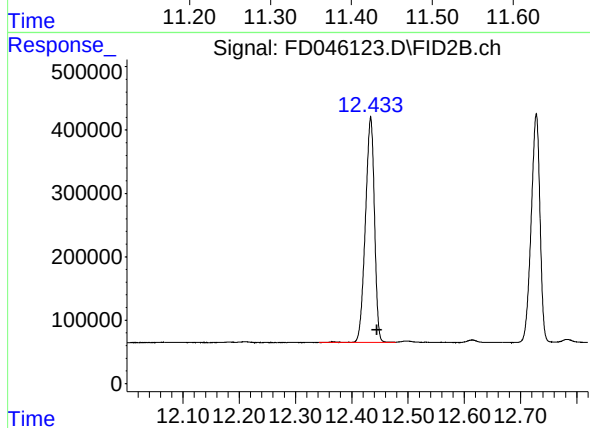
#10 Anthracene (C19.43)

R.T.: 10.703 min
Delta R.T.: -0.012 min
Response: 3146391
Conc: 19.80 ug/ml



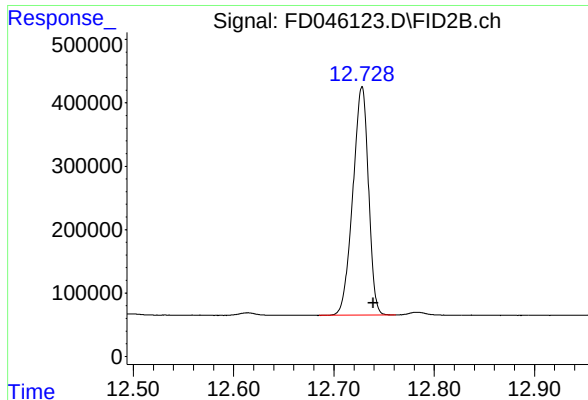
#11 ortho-Terphenyl (SURR)

R.T.: 11.402 min
Delta R.T.: -0.011 min
Response: 5009115
Conc: 19.76 ug/ml



#12 Fluoranthene (C21.85)

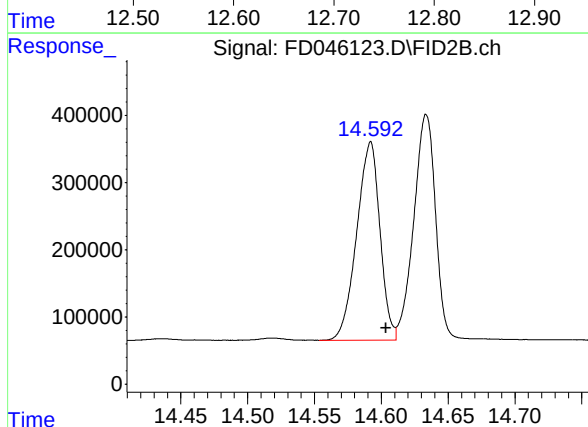
R.T.: 12.433 min
Delta R.T.: -0.012 min
Response: 3965575
Conc: 19.38 ug/ml



#13 Pyrene (C20.8)

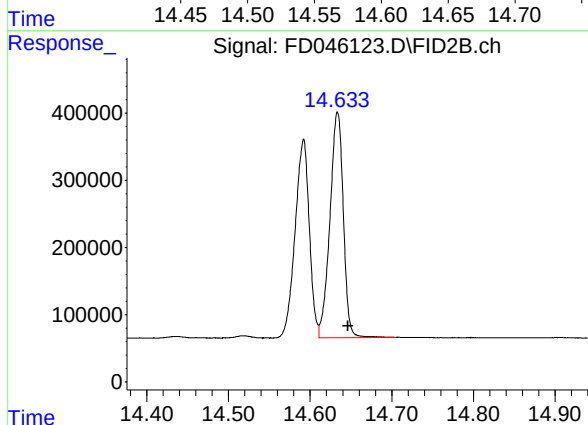
R.T.: 12.728 min
Delta R.T.: -0.011 min
Response: 3904134
Conc: 20.08 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



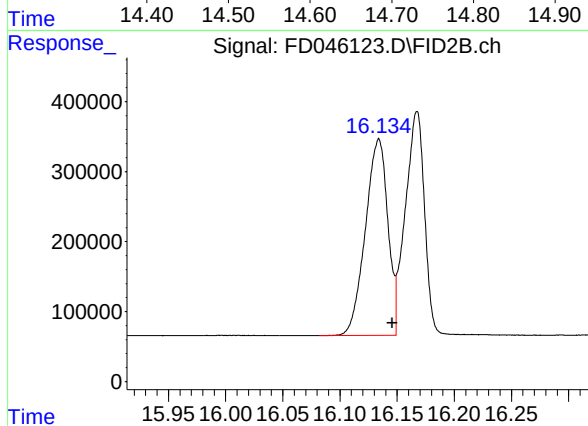
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.592 min
Delta R.T.: -0.012 min
Response: 3569635
Conc: 19.85 ug/ml



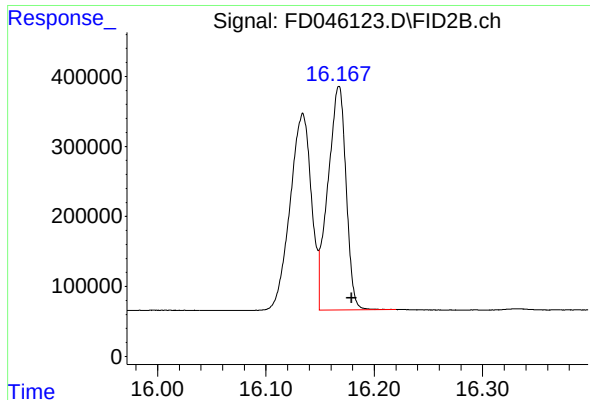
#15 Chrysene (C27.41)

R.T.: 14.633 min
Delta R.T.: -0.013 min
Response: 3827737
Conc: 19.50 ug/ml



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

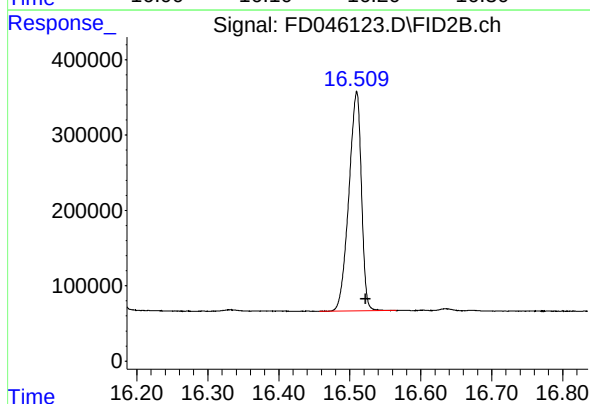
R.T.: 16.134 min
Delta R.T.: -0.012 min
Response: 3826985
Conc: 20.40 ug/ml



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

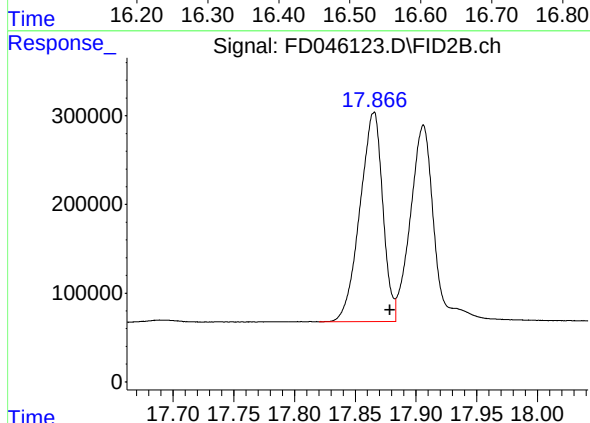
R.T.: 16.167 min
Delta R.T.: -0.012 min
Response: 3733420
Conc: 18.87 ug/ml

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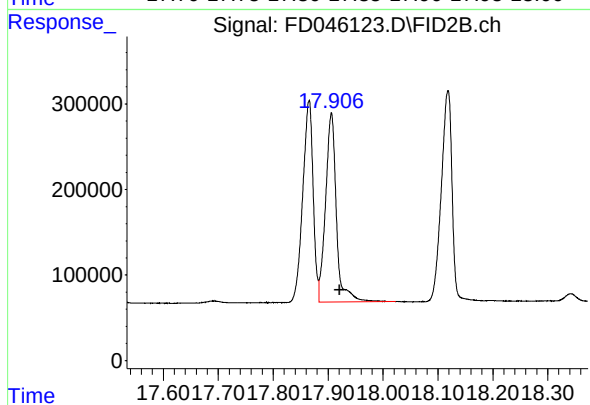
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.509 min
Delta R.T.: -0.013 min
Response: 3577749
Conc: 20.53 ug/ml



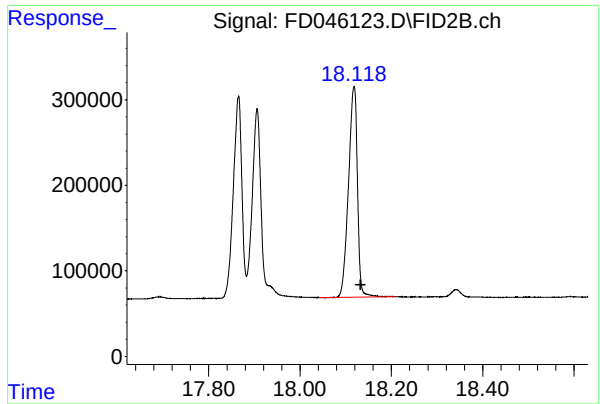
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.865 min
Delta R.T.: -0.014 min
Response: 3084660
Conc: 16.57 ug/ml



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

R.T.: 17.906 min
Delta R.T.: -0.015 min
Response: 3050851
Conc: 16.59 ug/ml



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

R.T.: 18.118 min
Delta R.T.: -0.015 min
Response: 3353591
Conc: 17.95 ug/ml

Instrument :

FID_D

ClientSampleId :

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