

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013123AR\
 Data File : FD044942.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2023 19:15
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 01 03:44:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.557	3012112	20.538 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
6) S 2-Fluorobiphenyl (SURR)	8.414	2042710	20.465 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.93%
11) S ortho-Terphenyl (SURR)	11.454	3801073	20.451 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.367	3277528	20.532 ug/ml
2) T Naphthalene (C11.7)	5.897	3479028	20.533 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	3498658	20.393 ug/ml
5) T Acenaphthylene (C15.06)	8.218	3199648	20.362 ug/ml
7) T Acenaphthene (C15.5)	8.513	3418499	20.560 ug/ml
8) T Fluorene (C16.55)	9.292	3370163	20.533 ug/ml
9) T Phenanthrene (C19.36)	10.683	3310345	20.474 ug/ml
10) T Anthracene (C19.43)	10.757	2816592	18.999 ug/ml
12) T Fluoranthene (C21.85)	12.488	3296691	20.599 ug/ml
13) T Pyrene (C20.8)	12.784	3211577	20.467 ug/ml
14) T Benzo[a]anthracene (C...	14.649	2889277	20.244 ug/ml
15) T Chrysene (C27.41)	14.692	3066184	20.709 ug/ml
16) T benzo[b]fluoranthene ...	16.192	2946943	20.314 ug/ml
17) T Bnezo[k]fluoranthene ...	16.225	3008354	21.101 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.567	2811723	20.121 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.925	2857397	21.233 ug/ml
20) T Dibenz[a,h]anthracene...	17.967	2968093	22.398 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	2800215	20.595 ug/ml

(f)=RT Delta > 1/2 Window

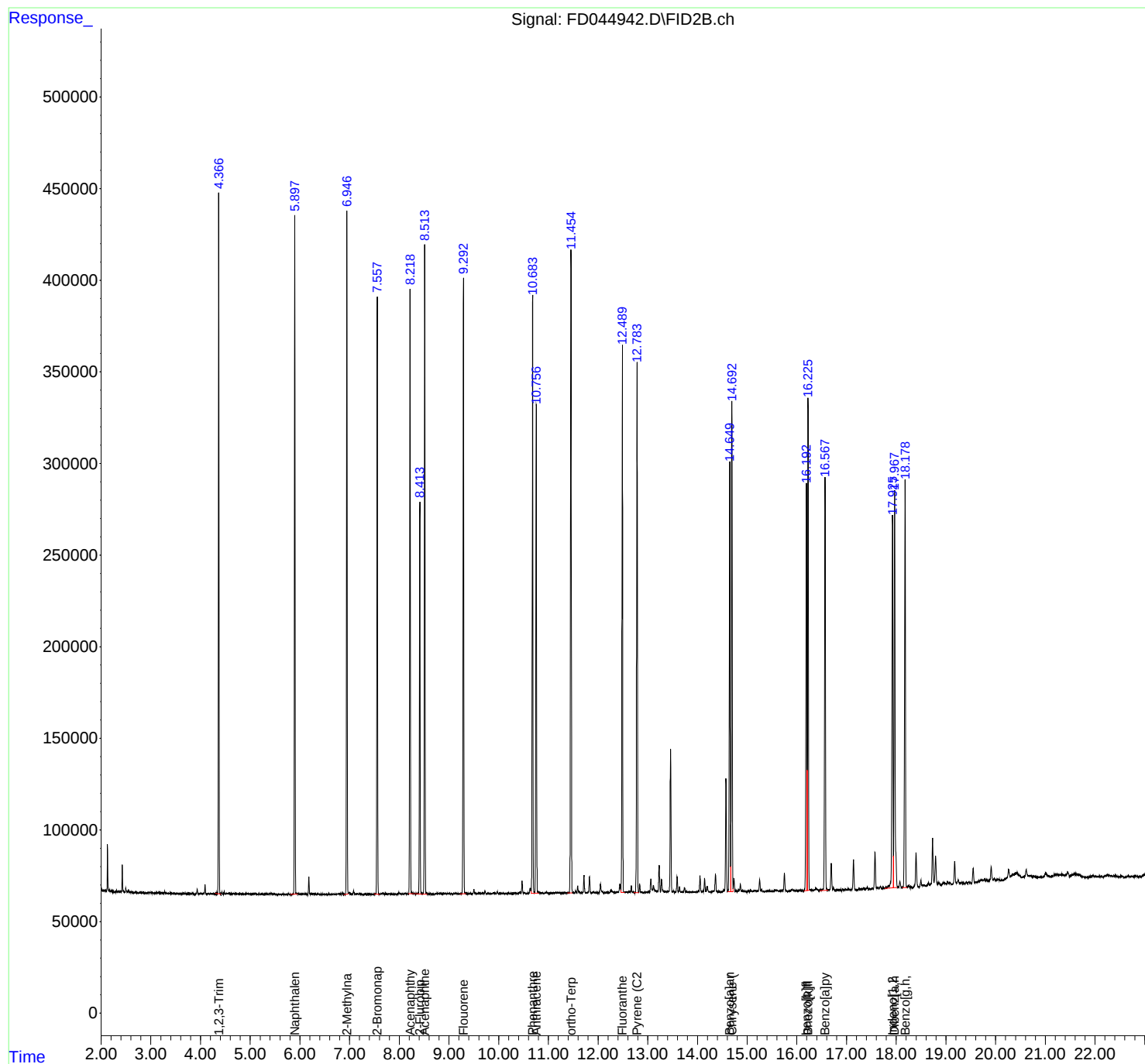
(m)=manual int.

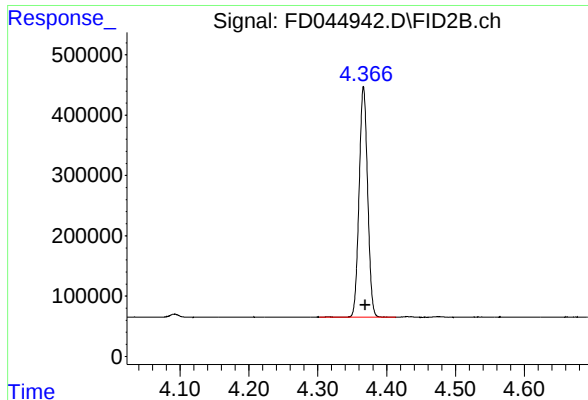
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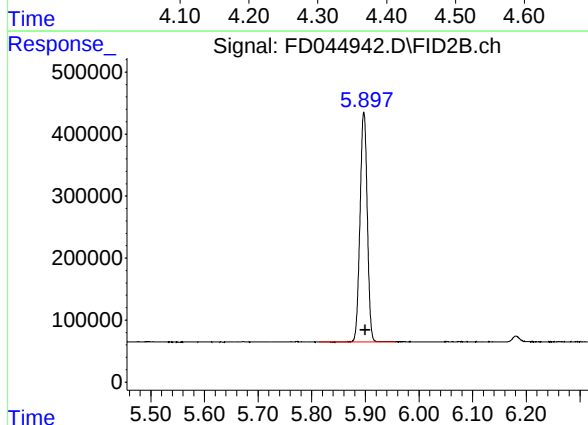




#1 1,2,3-Trimethylbenzene (C10.1)

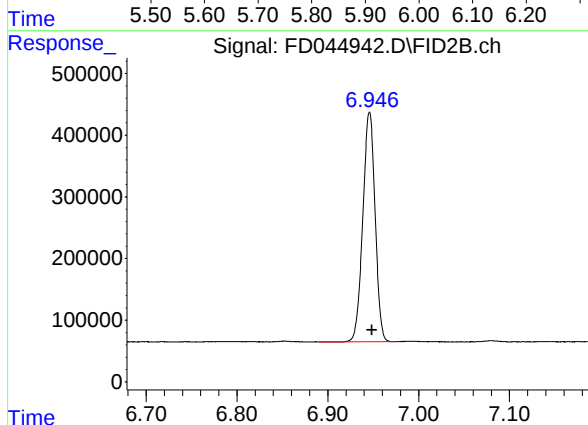
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 3277528
Conc: 20.53 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



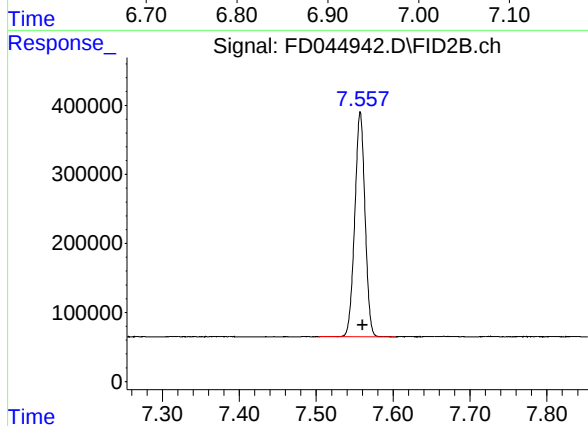
#2 Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 3479028
Conc: 20.53 ug/ml



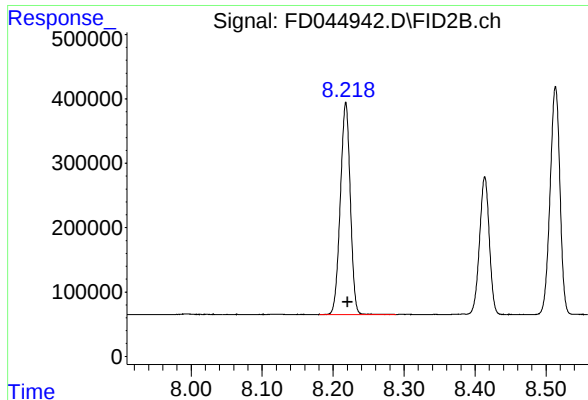
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 3498658
Conc: 20.39 ug/ml



#4 2-Bromonaphthalene (SURR)

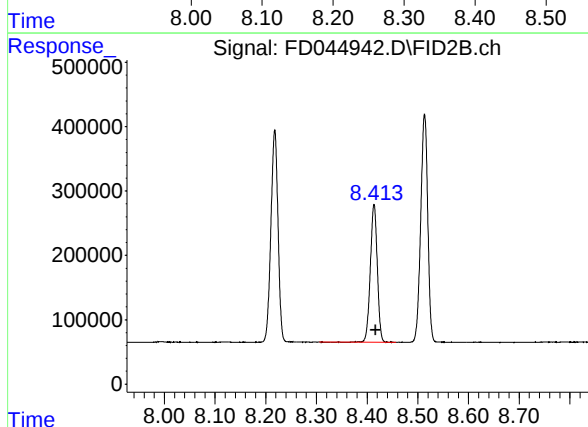
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 3012112
Conc: 20.54 ug/ml



#5 Acenaphthylene (C15.06)

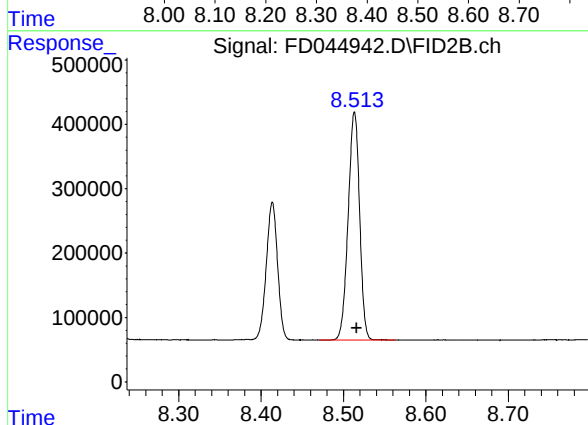
R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 3199648
Conc: 20.36 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



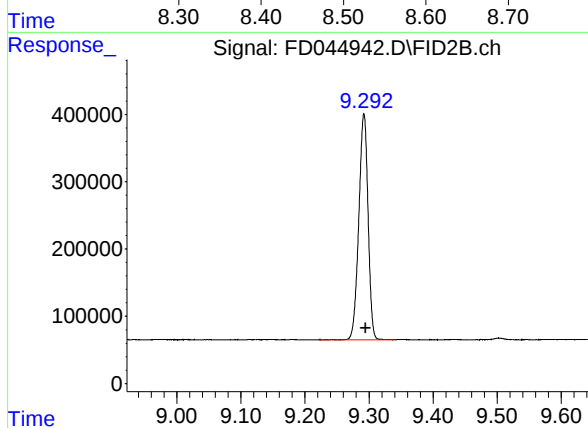
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 2042710
Conc: 20.47 ug/ml



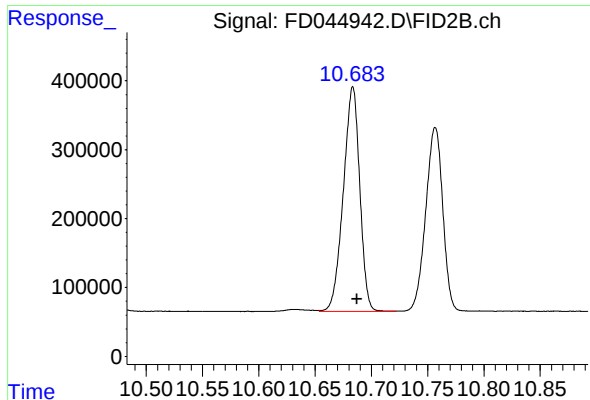
#7 Acenaphthene (C15.5)

R.T.: 8.513 min
Delta R.T.: -0.003 min
Response: 3418499
Conc: 20.56 ug/ml



#8 Flouorene (C16.55)

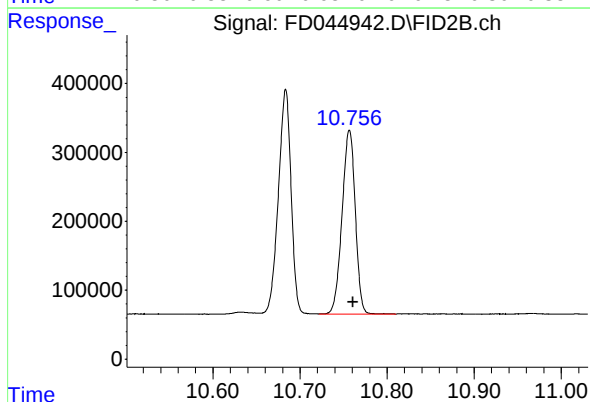
R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 3370163
Conc: 20.53 ug/ml



#9 Phenanthrene (C19.36)

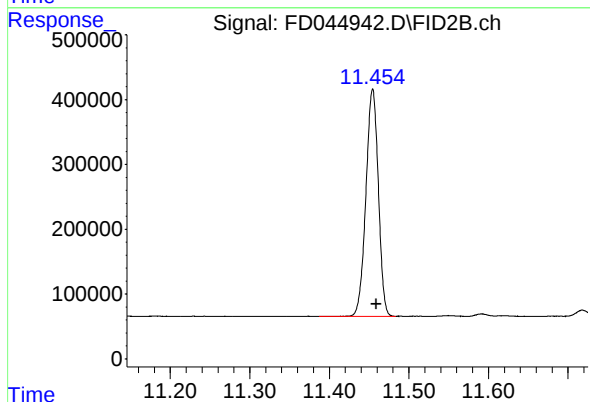
R.T.: 10.683 min
Delta R.T.: -0.004 min
Response: 3310345
Conc: 20.47 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



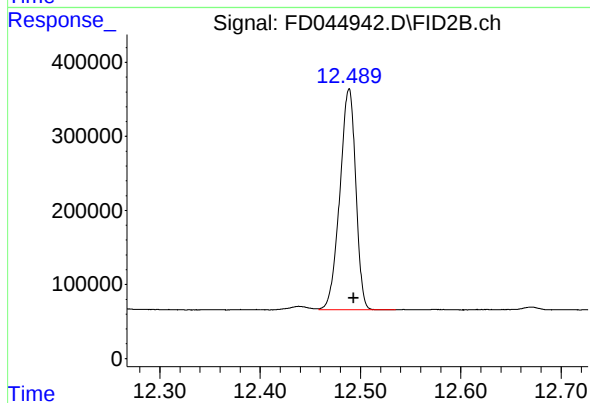
#10 Anthracene (C19.43)

R.T.: 10.757 min
Delta R.T.: -0.004 min
Response: 2816592
Conc: 19.00 ug/ml



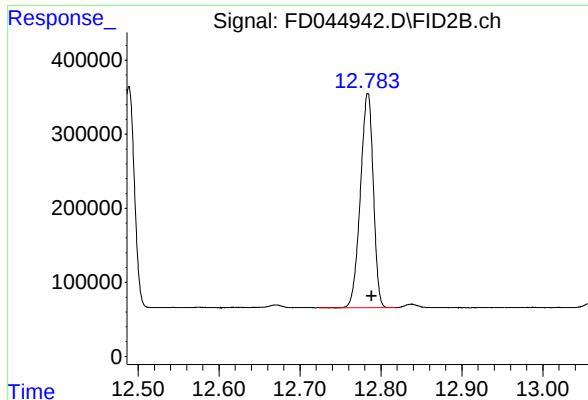
#11 ortho-Terphenyl (SURRE)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 3801073
Conc: 20.45 ug/ml



#12 Fluoranthene (C21.85)

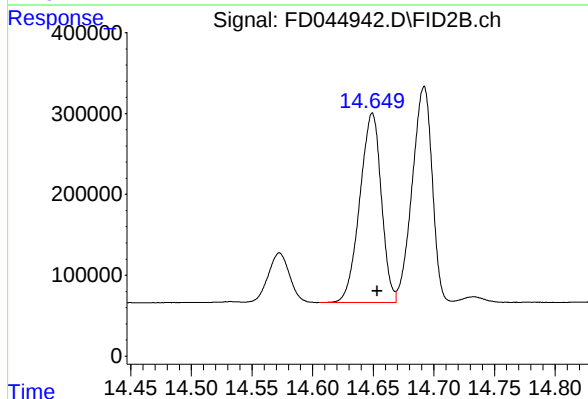
R.T.: 12.488 min
Delta R.T.: -0.005 min
Response: 3296691
Conc: 20.60 ug/ml



#13 Pyrene (C20.8)

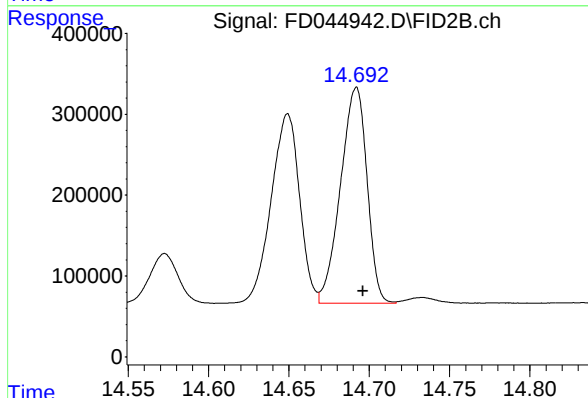
R.T.: 12.784 min
Delta R.T.: -0.005 min
Response: 3211577
Conc: 20.47 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



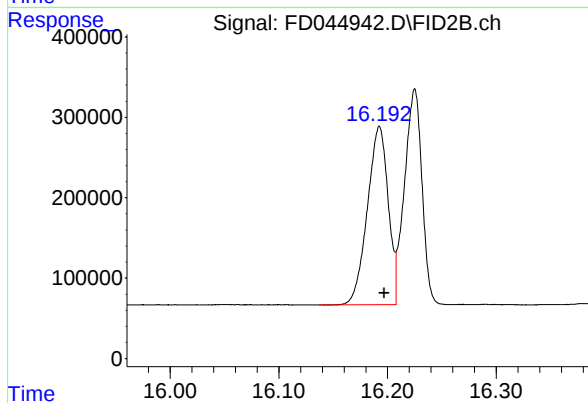
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.649 min
Delta R.T.: -0.004 min
Response: 2889277
Conc: 20.24 ug/ml



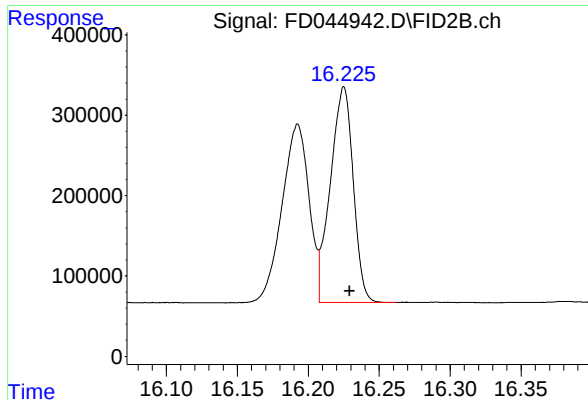
#15 Chrysene (C27.41)

R.T.: 14.692 min
Delta R.T.: -0.005 min
Response: 3066184
Conc: 20.71 ug/ml



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

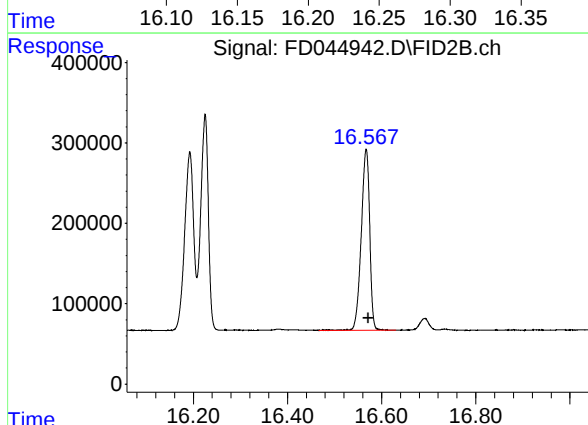
R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 2946943
Conc: 20.31 ug/ml



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

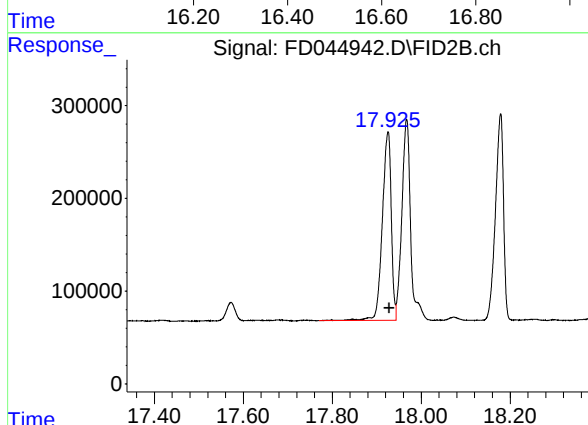
R.T.: 16.225 min
Delta R.T.: -0.004 min
Response: 3008354
Conc: 21.10 ug/ml

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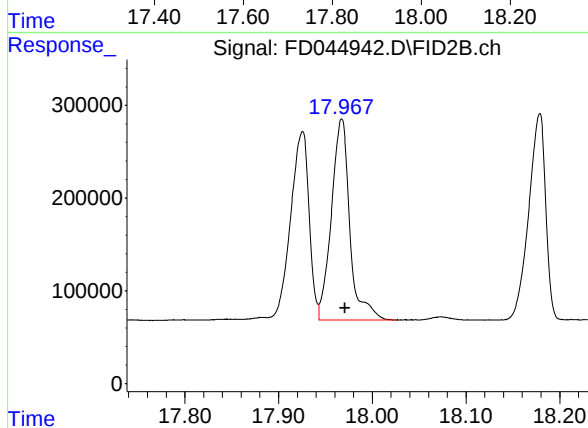
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min
Delta R.T.: -0.005 min
Response: 2811723
Conc: 20.12 ug/ml



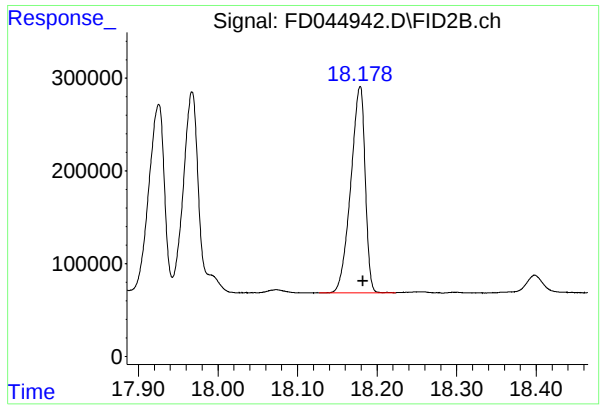
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.925 min
Delta R.T.: -0.003 min
Response: 2857397
Conc: 21.23 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.004 min
Response: 2968093
Conc: 22.40 ug/ml



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

R.T.: 18.178 min

Delta R.T.: -0.004 min

Response: 2800215

Conc: 20.59 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD