

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047557.D
 Signal(s) : FID2B.ch
 Acq On : 24 Apr 2024 15:11
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 25 02:05:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.460	3093097	20.690 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
6) S 2-Fluorobiphenyl (SURR)	8.313	2014801	20.621 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.24%
11) S ortho-Terphenyl (SURR)	11.353	3519304	20.530 ug/ml
Spiked Amount 50.000		Recovery =	41.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	3327662	21.059 ug/ml
2) T Naphthalene (C11.7)	5.798	3425622	20.934 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	3400921	20.676 ug/ml
5) T Acenaphthylene (C15.06)	8.116	3100403	20.541 ug/ml
7) T Acenaphthene (C15.5)	8.411	3309126	20.661 ug/ml
8) T Flouorene (C16.55)	9.190	3158224	20.415 ug/ml
9) T Phenanthrene (C19.36)	10.580	3079623	20.699 ug/ml
10) T Anthracene (C19.43)	10.655	2753949	20.249 ug/ml
12) T Fluoranthene (C21.85)	12.385	3033657	20.521 ug/ml
13) T Pyrene (C20.8)	12.679	2962435	20.527 ug/ml
14) T Benzo[a]anthracene (C...	14.548	2714815	20.643 ug/ml
15) T Chrysene (C27.41)	14.590	2924680	20.741 ug/ml
16) T benzo[b]fluoranthene ...	16.094	2887667	20.698 ug/ml
17) T Bnezo[k]fluoranthene ...	16.125	2906993	20.900 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	2847697	20.740 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.831	2459939	18.237 ug/ml
20) T Dibenz[a,h]anthracene...	17.872	2703120	20.113 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	2698137	19.440 ug/ml

(f)=RT Delta > 1/2 Window

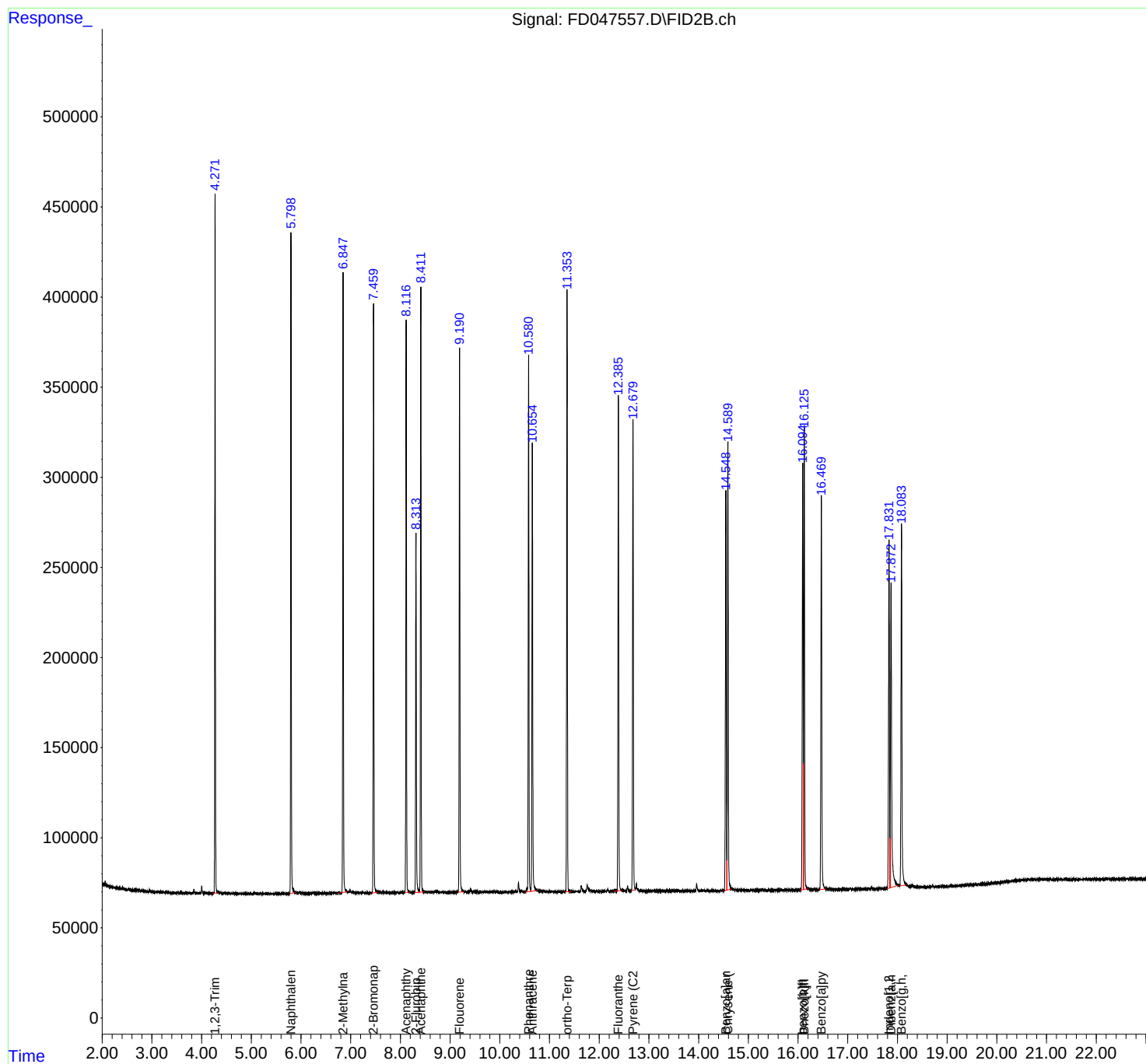
(m)=manual int.

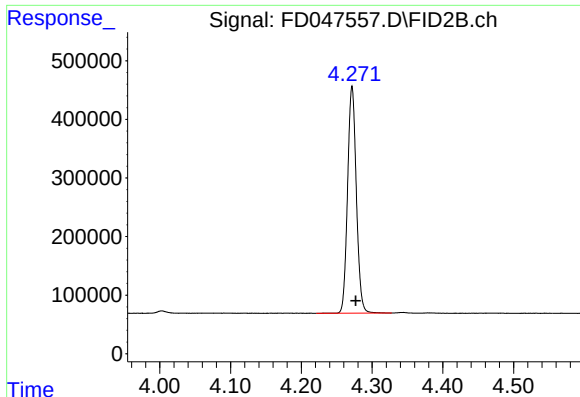
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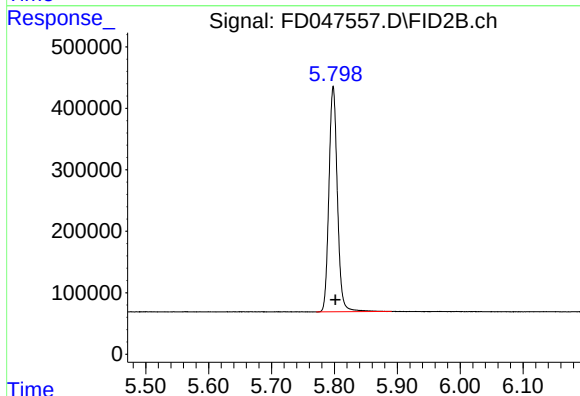




#1 1,2,3-Trimethylbenzene (C10.1)

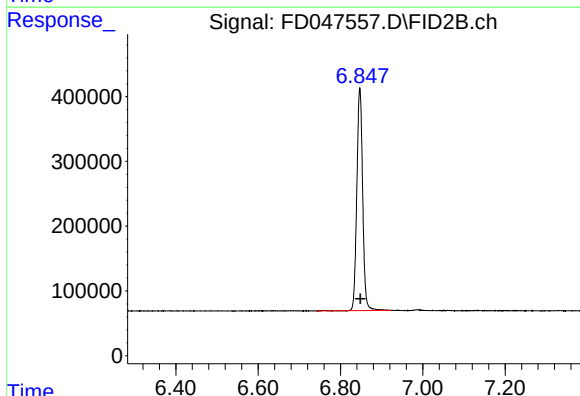
R.T.: 4.272 min
Delta R.T.: -0.005 min
Response: 3327662
Conc: 21.06 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



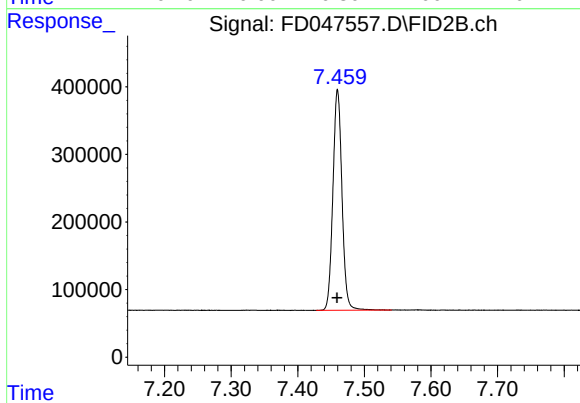
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 3425622
Conc: 20.93 ug/ml



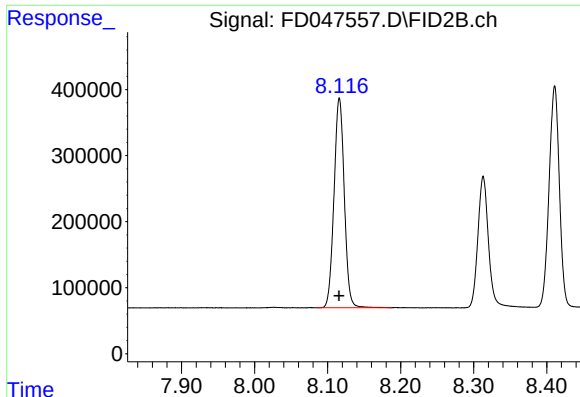
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: -0.001 min
Response: 3400921
Conc: 20.68 ug/ml



#4 2-Bromonaphthalene (SURR)

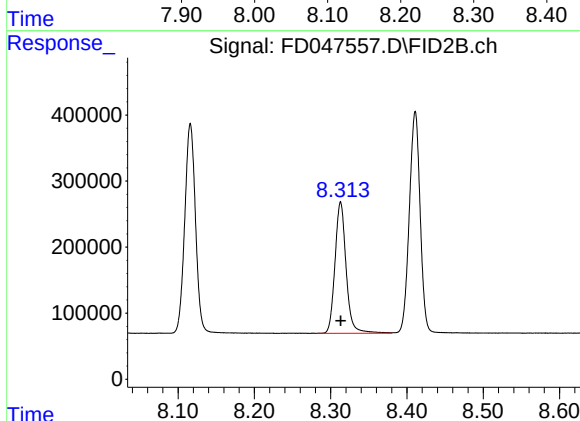
R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 3093097
Conc: 20.69 ug/ml



#5 Acenaphthylene (C15.06)

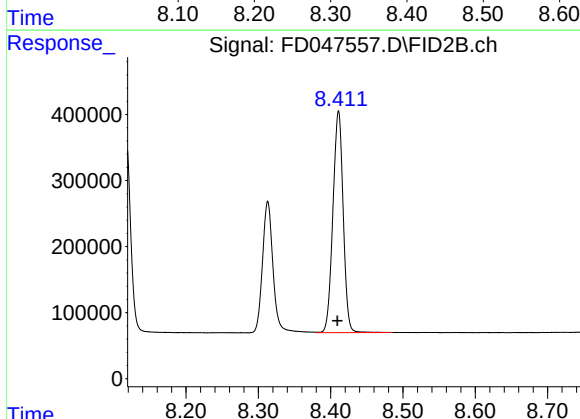
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 3100403
Conc: 20.54 ug/ml

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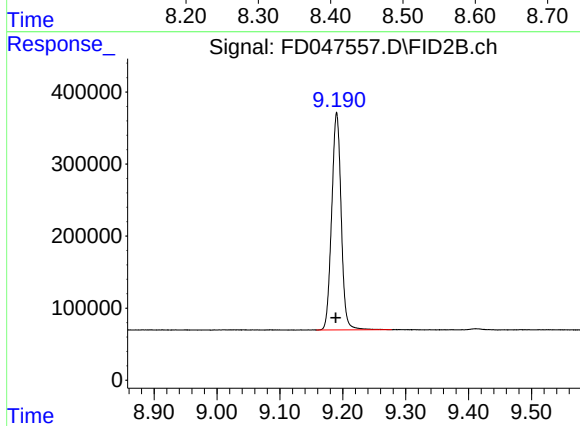
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 2014801
Conc: 20.62 ug/ml



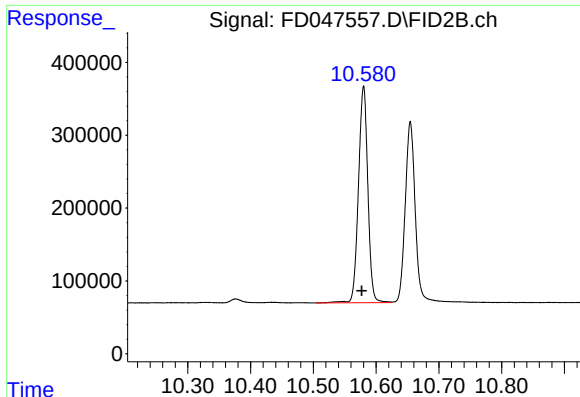
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.001 min
Response: 3309126
Conc: 20.66 ug/ml



#8 Flouorene (C16.55)

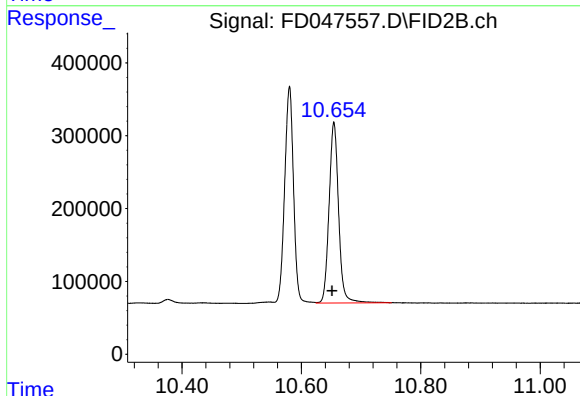
R.T.: 9.190 min
Delta R.T.: 0.002 min
Response: 3158224
Conc: 20.42 ug/ml



#9 Phenanthrene (C19.36)

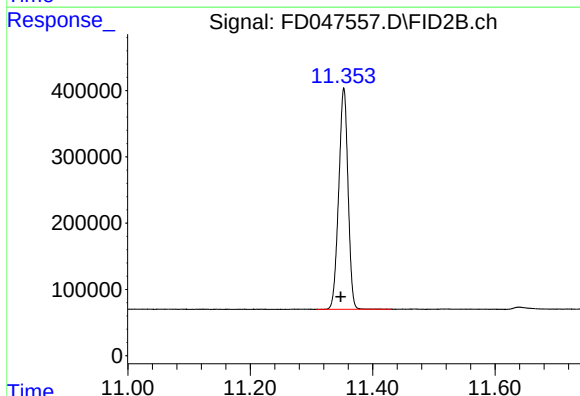
R.T.: 10.580 min
Delta R.T.: 0.003 min
Response: 3079623
Conc: 20.70 ug/ml

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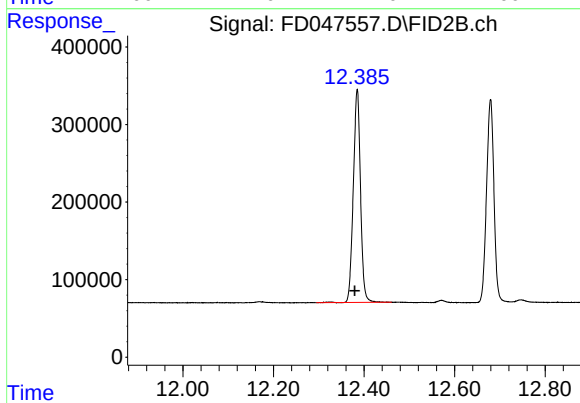
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: 0.003 min
Response: 2753949
Conc: 20.25 ug/ml



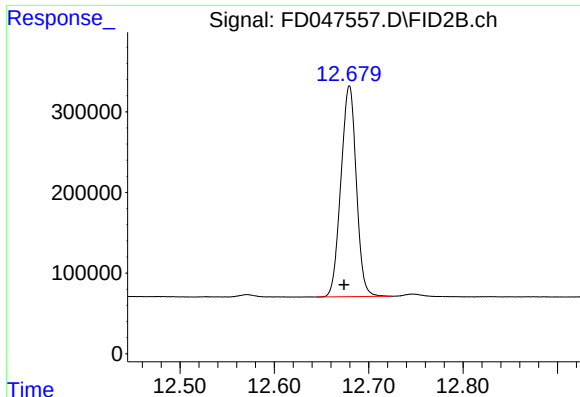
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: 0.005 min
Response: 3519304
Conc: 20.53 ug/ml



#12 Fluoranthene (C21.85)

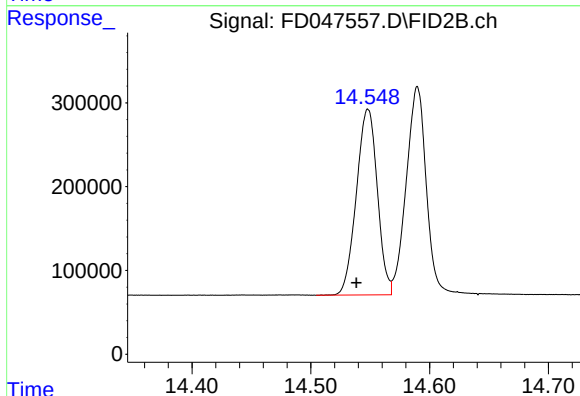
R.T.: 12.385 min
Delta R.T.: 0.005 min
Response: 3033657
Conc: 20.52 ug/ml



#13 Pyrene (C20.8)

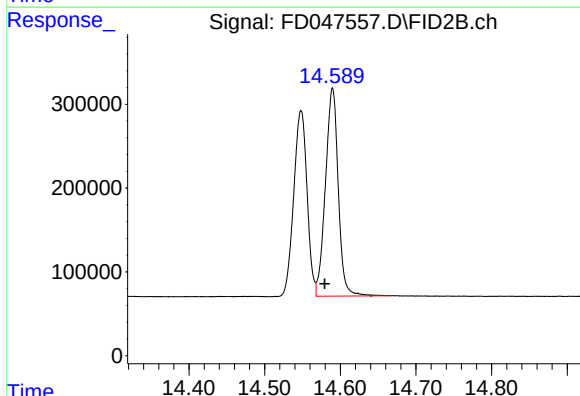
R.T.: 12.679 min
Delta R.T.: 0.006 min
Response: 2962435
Conc: 20.53 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



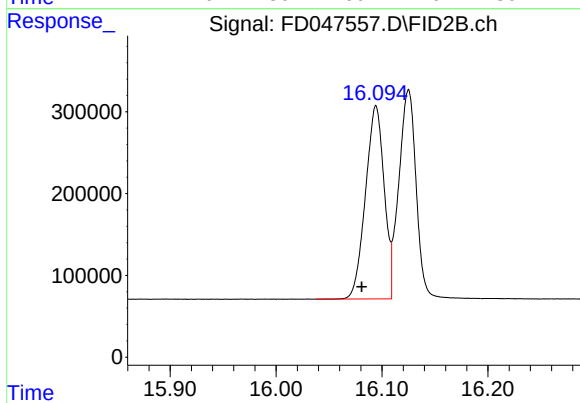
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.548 min
Delta R.T.: 0.009 min
Response: 2714815
Conc: 20.64 ug/ml



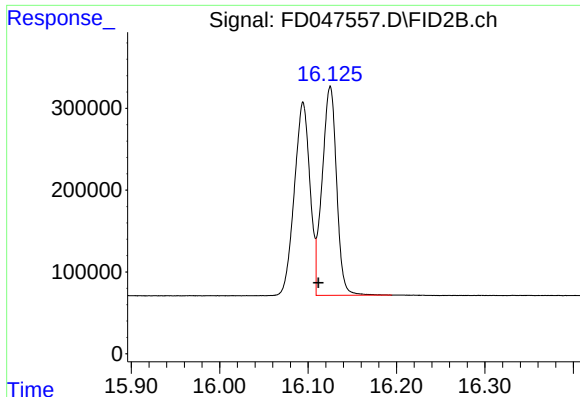
#15 Chrysene (C27.41)

R.T.: 14.590 min
Delta R.T.: 0.010 min
Response: 2924680
Conc: 20.74 ug/ml



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

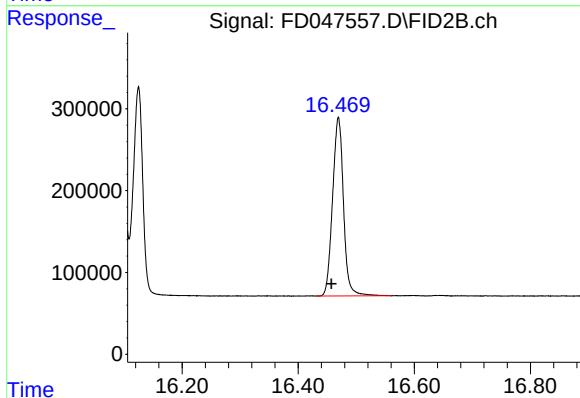
R.T.: 16.094 min
Delta R.T.: 0.013 min
Response: 2887667
Conc: 20.70 ug/ml



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

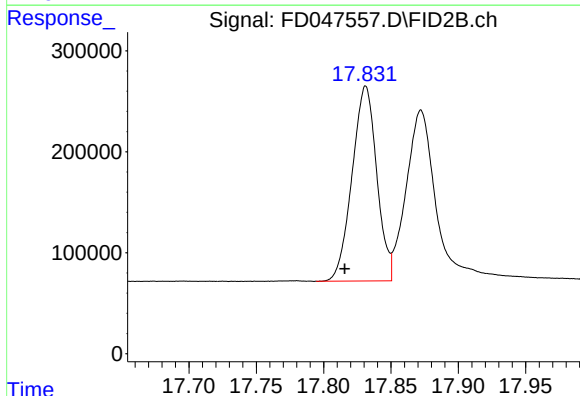
R.T.: 16.125 min
Delta R.T.: 0.013 min
Response: 2906993
Conc: 20.90 ug/ml

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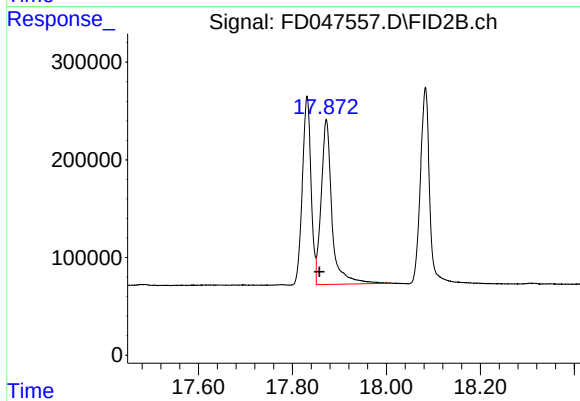
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: 0.012 min
Response: 2847697
Conc: 20.74 ug/ml



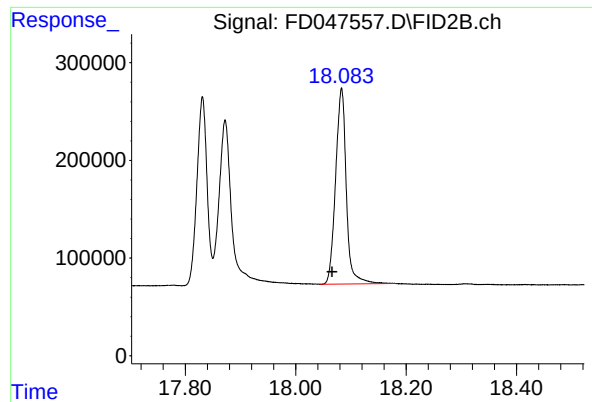
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.831 min
Delta R.T.: 0.016 min
Response: 2459939
Conc: 18.24 ug/ml



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

R.T.: 17.872 min
Delta R.T.: 0.015 min
Response: 2703120
Conc: 20.11 ug/ml



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

R.T.: 18.083 min
Delta R.T.: 0.017 min
Response: 2698137
Conc: 19.44 ug/ml

Instrument :

FID_D

ClientSampleId :

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