

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021323AR\
 Data File : FD045022.D
 Signal(s) : FID2B.ch
 Acq On : 13 Feb 2023 20:03
 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 14 00:28:05 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	2906884	19.820 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
6) S 2-Fluorobiphenyl (SURR)	8.414	1959694	19.634 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.27%
11) S ortho-Terphenyl (SURR)	11.455	3664573	19.717 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	3234761	20.264 ug/ml
2) T Naphthalene (C11.7)	5.897	3399614	20.065 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	3399340	19.814 ug/ml
5) T Acenaphthylene (C15.06)	8.218	3109227	19.786 ug/ml
7) T Acenaphthene (C15.5)	8.514	3291282	19.795 ug/ml
8) T Fluorene (C16.55)	9.292	3227476	19.663 ug/ml
9) T Phenanthrene (C19.36)	10.685	3193496	19.752 ug/ml
10) T Anthracene (C19.43)	10.758	2951783	19.911 ug/ml
12) T Fluoranthene (C21.85)	12.491	3179840	19.869 ug/ml
13) T Pyrene (C20.8)	12.786	3104184	19.782 ug/ml
14) T Benzo[a]anthracene (C...	14.652	2817225	19.739 ug/ml
15) T Chrysene (C27.41)	14.694	2928968	19.782 ug/ml
16) T benzo[b]fluoranthene ...	16.197	2912750	20.078 ug/ml
17) T Bnezo[k]fluoranthene ...	16.229	2919200	20.475 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.572	2837552	20.306 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.932	2829091	21.023 ug/ml
20) T Dibenz[a,h]anthracene...	17.972	2835288	21.395 ug/ml
21) T Benzo[g,h,i]perylene ...	18.185	2820729	20.746 ug/ml

(f)=RT Delta > 1/2 Window

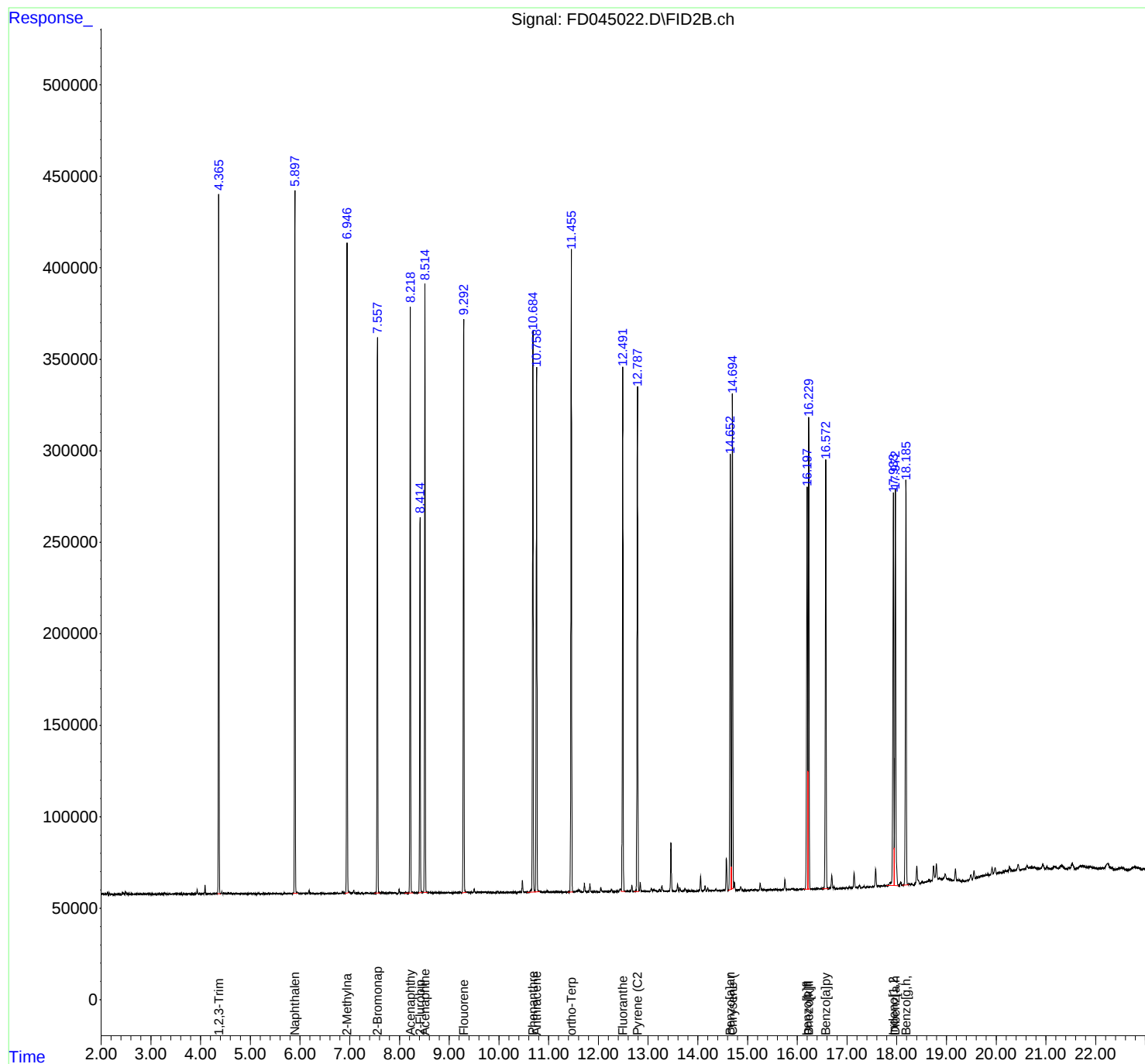
(m)=manual int.

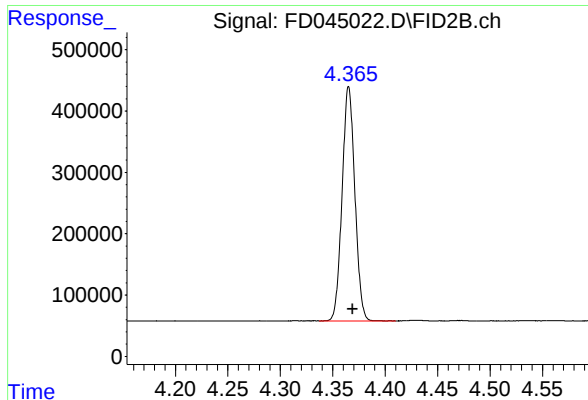
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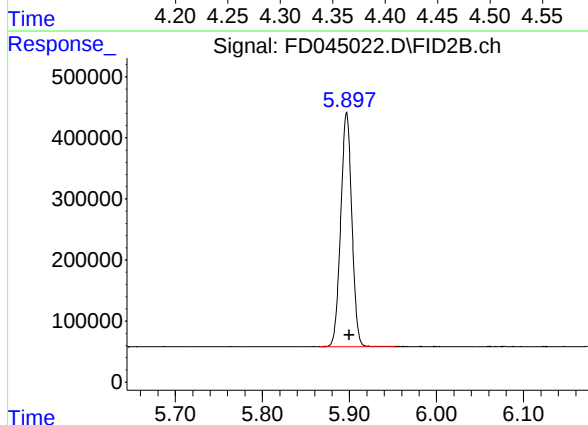




#1 1,2,3-Trimethylbenzene (C10.1)

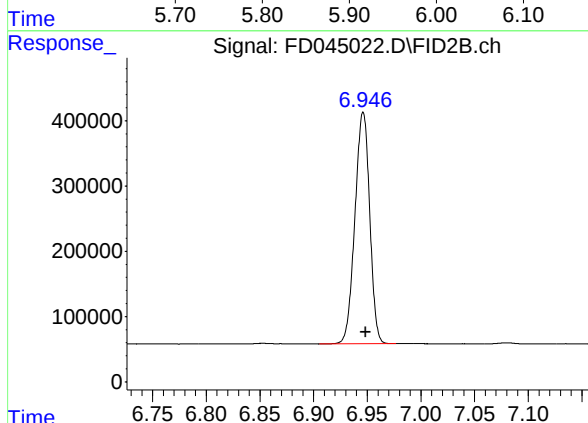
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3234761
Conc: 20.26 ug/ml

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20 PPM AROMATIC HC STD



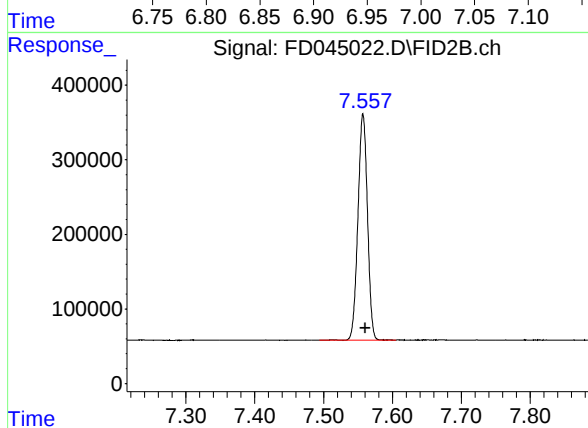
#2 Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: -0.003 min
Response: 3399614
Conc: 20.06 ug/ml



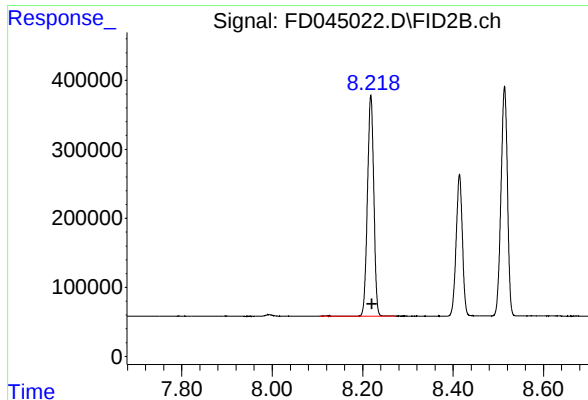
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 3399340
Conc: 19.81 ug/ml



#4 2-Bromonaphthalene (SURR)

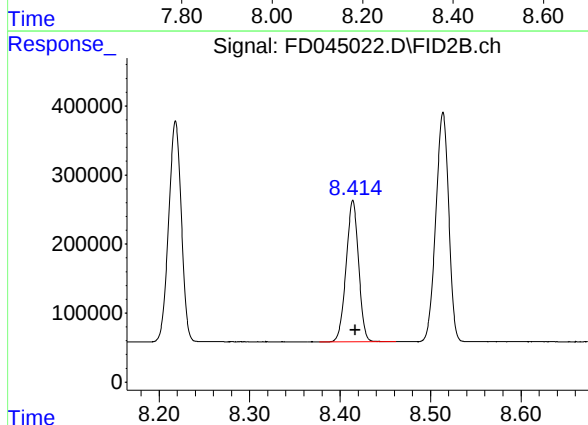
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 2906884
Conc: 19.82 ug/ml



#5 Acenaphthylene (C15.06)

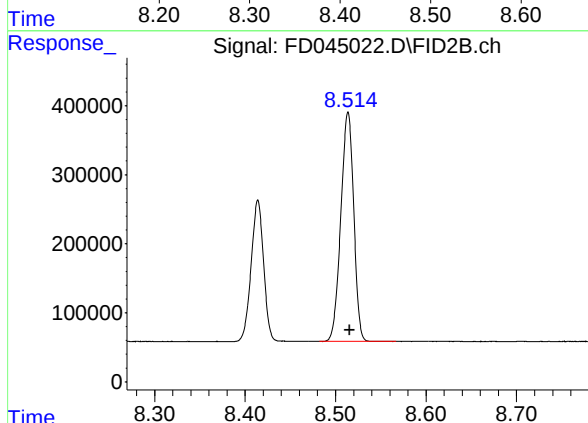
R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 3109227
Conc: 19.79 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



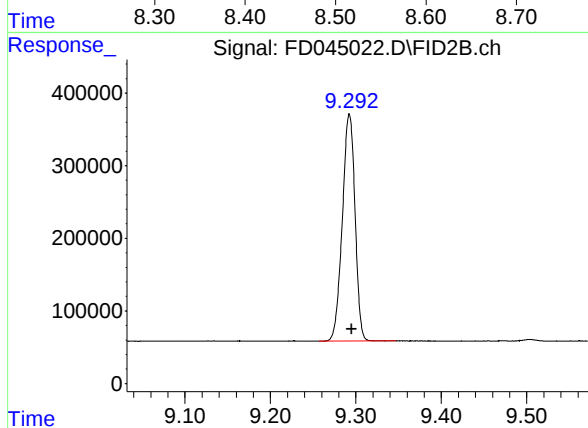
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 1959694
Conc: 19.63 ug/ml



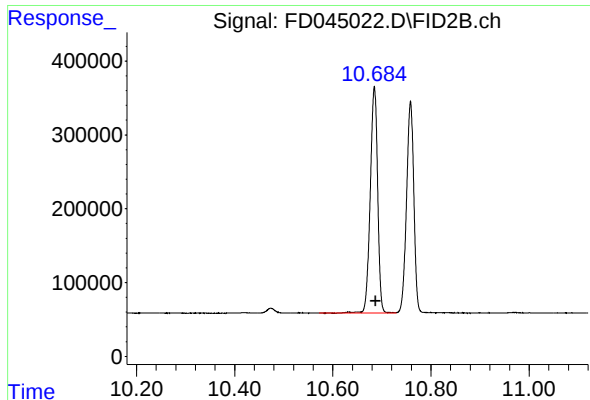
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 3291282
Conc: 19.79 ug/ml



#8 Flouorene (C16.55)

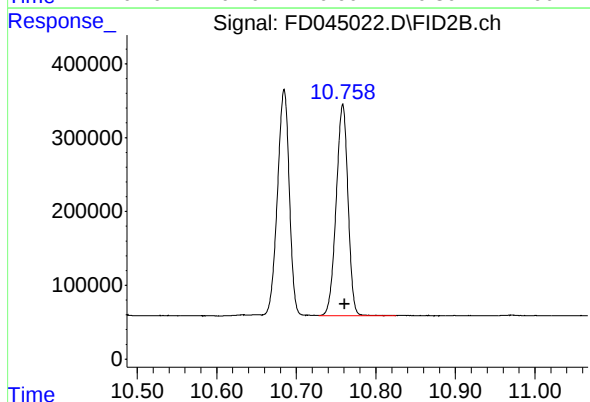
R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 3227476
Conc: 19.66 ug/ml



#9 Phenanthrene (C19.36)

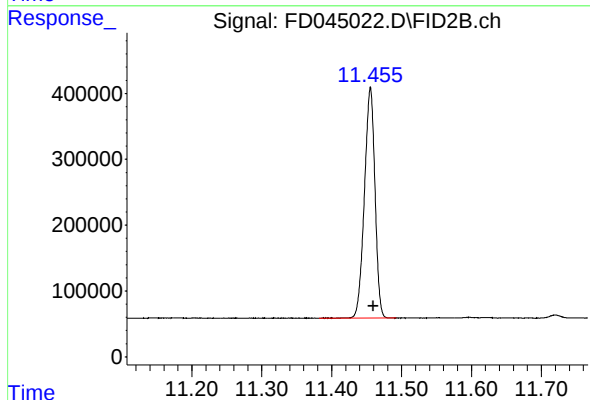
R.T.: 10.685 min
Delta R.T.: -0.003 min
Response: 3193496
Conc: 19.75 ug/ml

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20 PPM AROMATIC HC STD



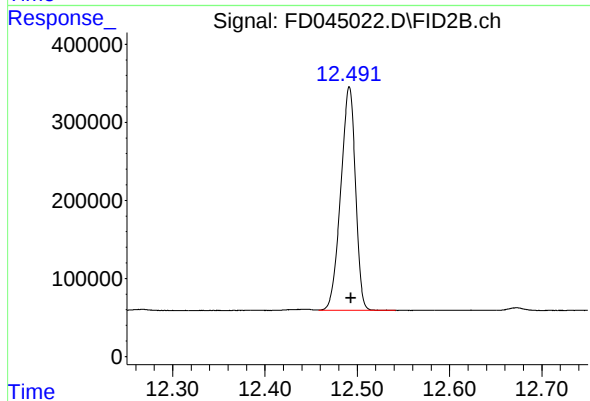
#10 Anthracene (C19.43)

R.T.: 10.758 min
Delta R.T.: -0.003 min
Response: 2951783
Conc: 19.91 ug/ml



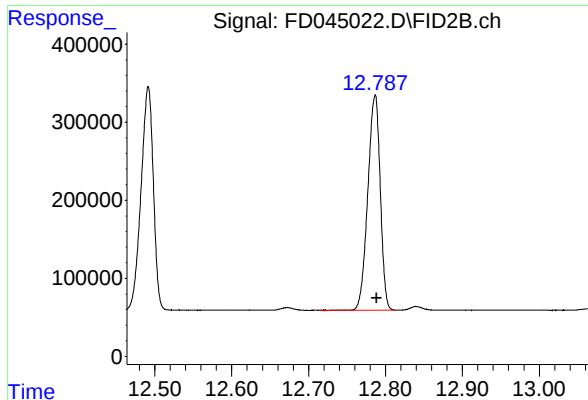
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 3664573
Conc: 19.72 ug/ml



#12 Fluoranthene (C21.85)

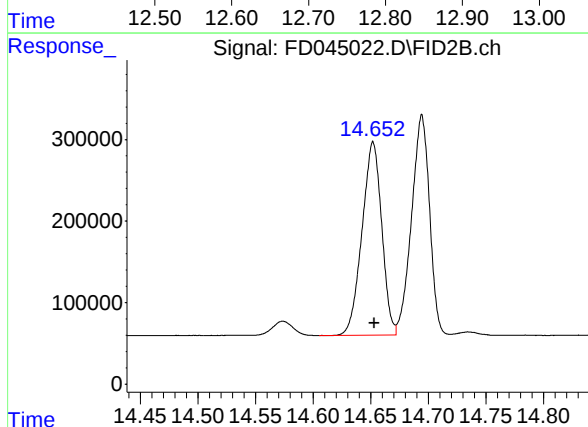
R.T.: 12.491 min
Delta R.T.: -0.002 min
Response: 3179840
Conc: 19.87 ug/ml



#13 Pyrene (C20.8)

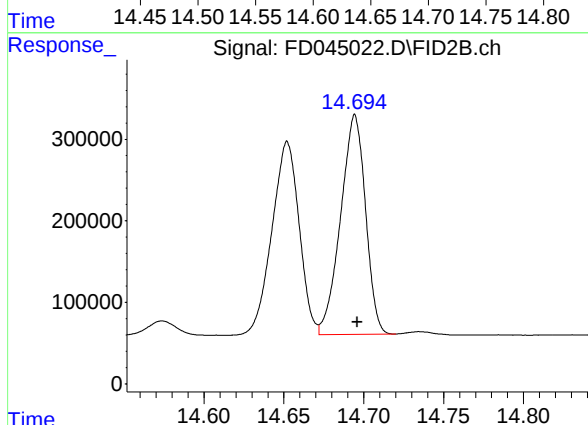
R.T.: 12.786 min
Delta R.T.: -0.002 min
Response: 3104184
Conc: 19.78 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



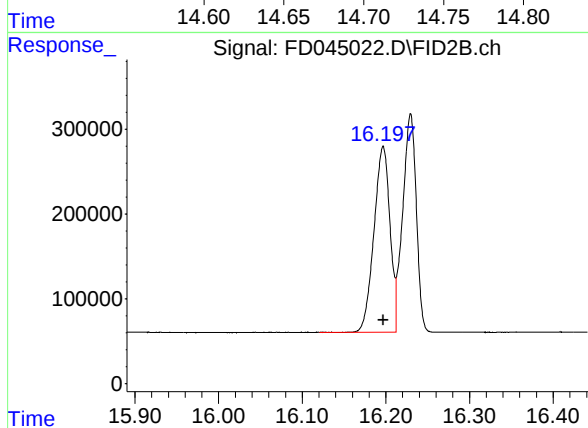
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.652 min
Delta R.T.: -0.001 min
Response: 2817225
Conc: 19.74 ug/ml



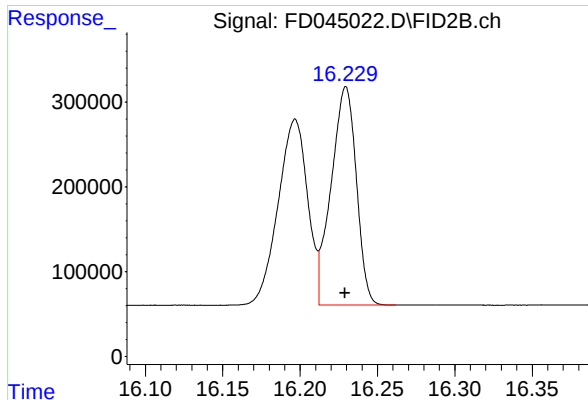
#15 Chrysene (C27.41)

R.T.: 14.694 min
Delta R.T.: -0.002 min
Response: 2928968
Conc: 19.78 ug/ml



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

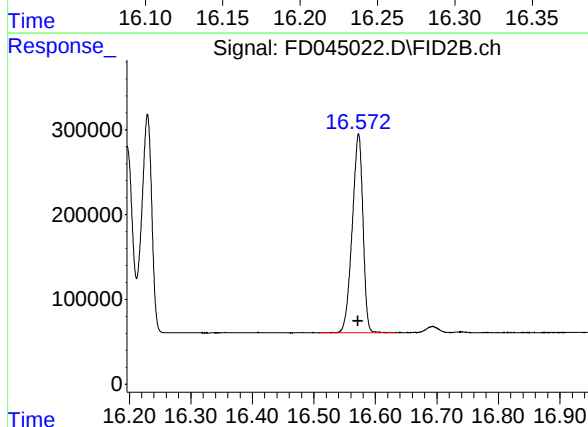
R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 2912750
Conc: 20.08 ug/ml



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

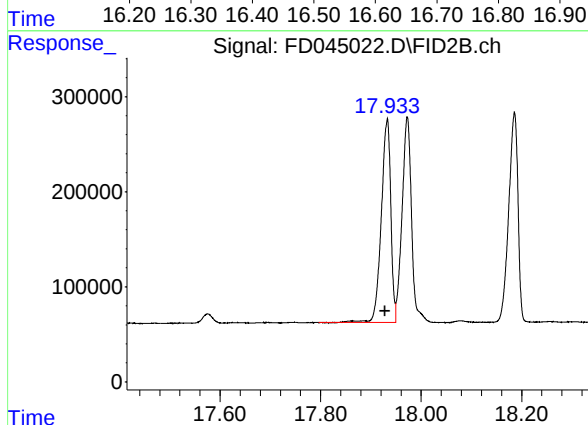
R.T.: 16.229 min
Delta R.T.: 0.000 min
Response: 2919200
Conc: 20.48 ug/ml

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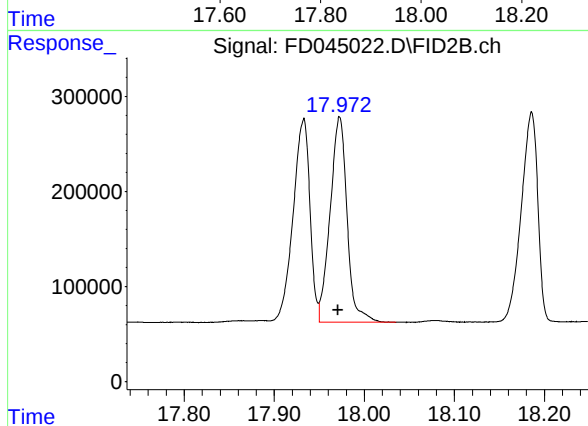
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min
Delta R.T.: 0.000 min
Response: 2837552
Conc: 20.31 ug/ml



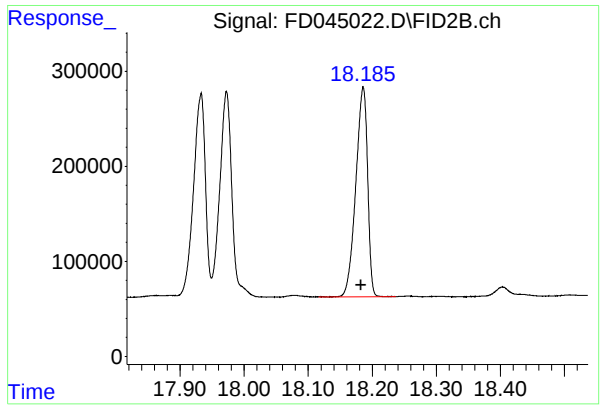
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.932 min
Delta R.T.: 0.004 min
Response: 2829091
Conc: 21.02 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.002 min
Response: 2835288
Conc: 21.40 ug/ml



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

R.T.: 18.185 min
Delta R.T.: 0.003 min
Response: 2820729
Conc: 20.75 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD