

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF013025AR\
 Data File : FF015375.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 00:03
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 30 04:17:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 2025
 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...	7.990	3025367	22.919 ug/ml
Spiked Amount 50.000		Recovery =	45.84%
6) S 2-Fluorobiphenyl (SURR)	8.864	1951428	23.119 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.24%
11) S ortho-Terphenyl (SURR)	11.928	3378508	19.626 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	3484301	21.722 ug/ml
2) T Naphthalene (C11.7)	6.269	3494323	21.794 ug/ml
3) T 2-Methylnaphthalene (...)	7.364	3377764	21.241 ug/ml
5) T Acenaphthylene (C15.06)	8.664	3357917	21.132 ug/ml
7) T Acenaphthene (C15.5)	8.963	3350127	20.545 ug/ml
8) T Fluorene (C16.55)	9.752	3273600	20.791 ug/ml
9) T Phenanthrene (C19.36)	11.158	3078940	19.284 ug/ml
10) T Anthracene (C19.43)	11.232	2570091	17.408 ug/ml
12) T Fluoranthene (C21.85)	12.979	3130784	18.925 ug/ml
13) T Pyrene (C20.8)	13.278	3091329	19.085 ug/ml
14) T Benzo[a]anthracene (C...	15.158	2715055	18.200 ug/ml
15) T Chrysene (C27.41)	15.201	2851815	18.360 ug/ml
16) T benzo[b]fluoranthene ...	16.717	2866872	19.373 ug/ml
17) T Bnezo[k]fluoranthene ...	16.749	2855782	20.198 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.097	2699517	19.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.471	2624624	20.829 ug/ml
20) T Dibenz[a,h]anthracene...	18.510	2986572	20.186 ug/ml
21) T Benzo[g,h,i]perylene ...	18.727	2991551	22.161 ug/ml

(f)=RT Delta > 1/2 Window

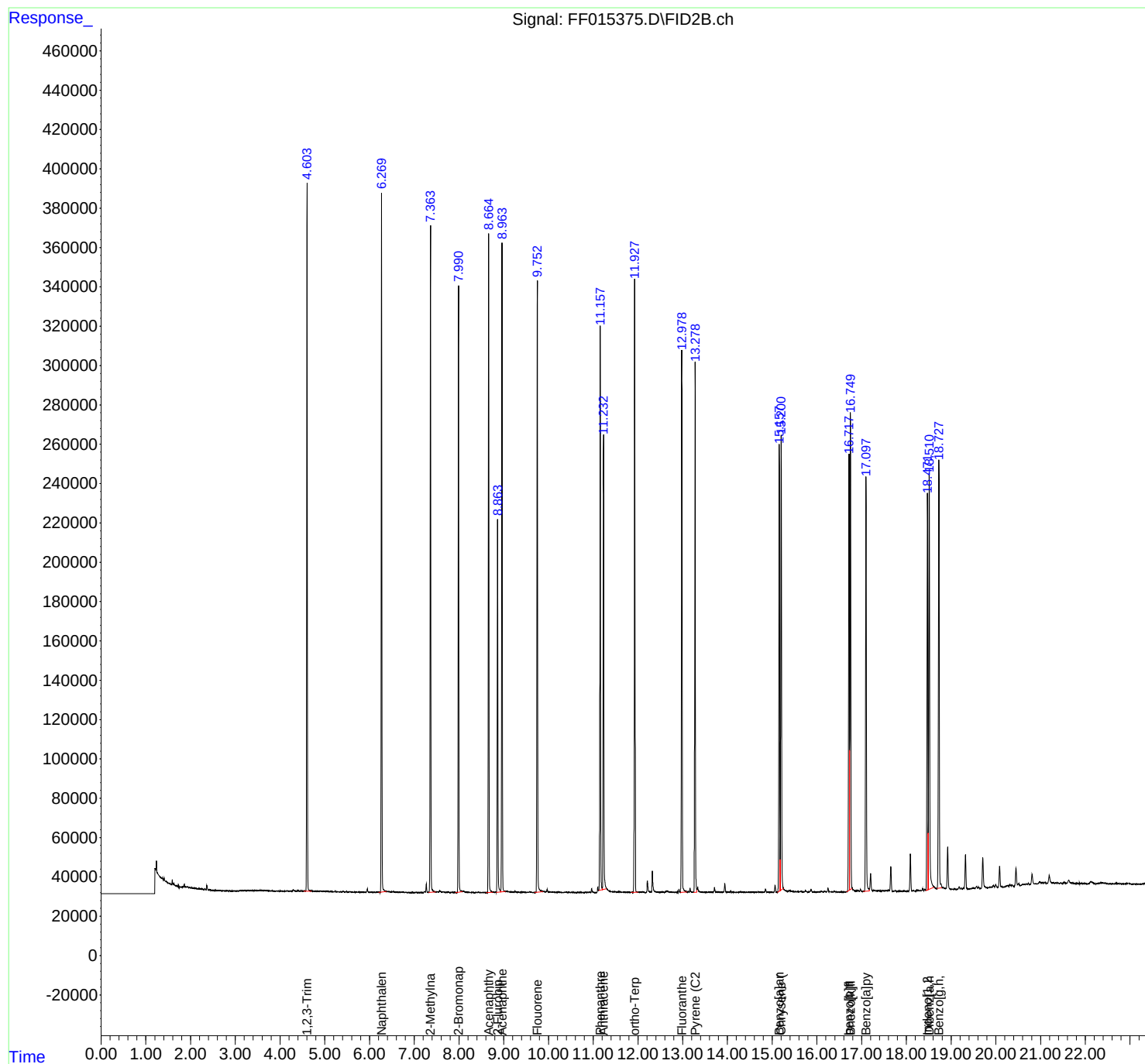
(m)=manual int.

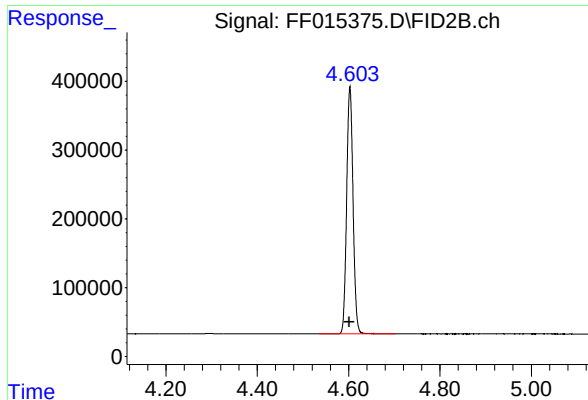
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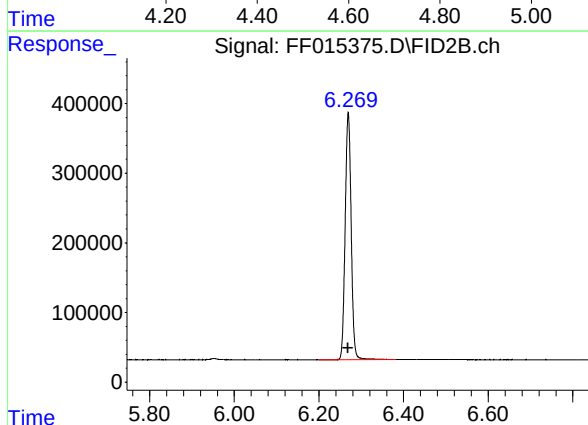




#1 1,2,3-Trimethylbenzene (C10.1)

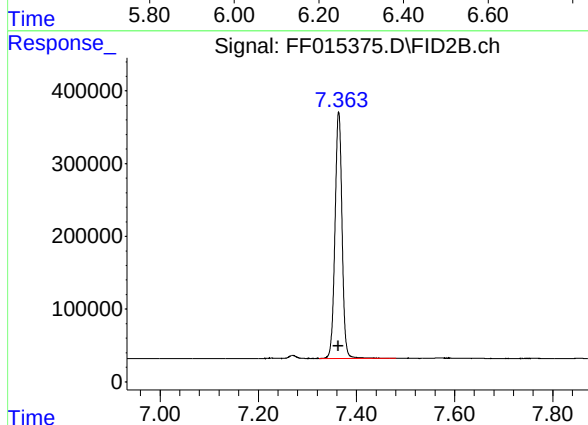
R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 3484301
Conc: 21.72 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



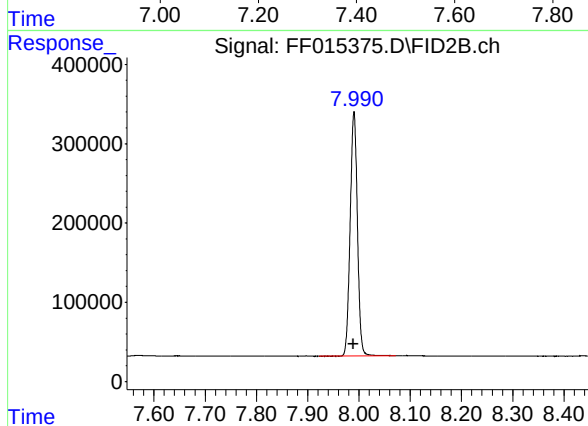
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 3494323
Conc: 21.79 ug/ml



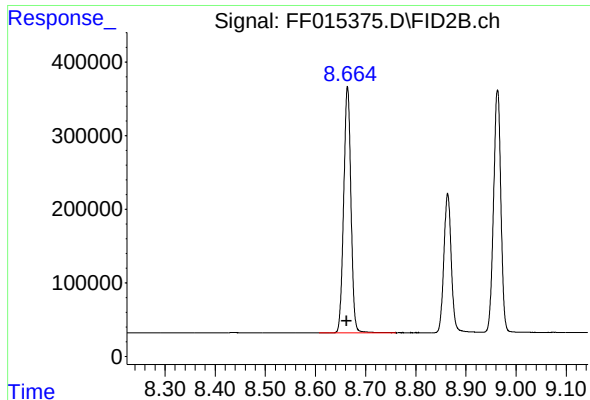
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 3377764
Conc: 21.24 ug/ml



#4 2-Bromonaphthalene (SURR)

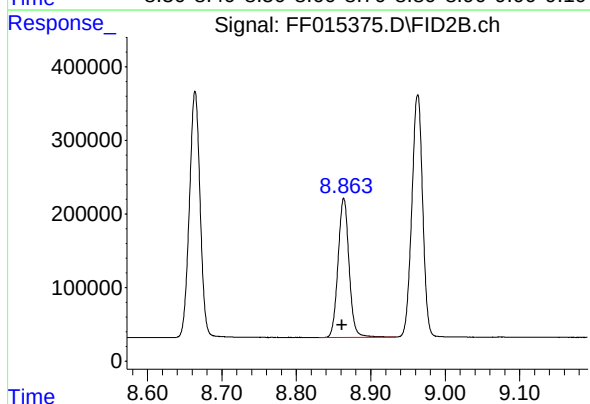
R.T.: 7.990 min
Delta R.T.: 0.001 min
Response: 3025367
Conc: 22.92 ug/ml



#5 Acenaphthylene (C15.06)

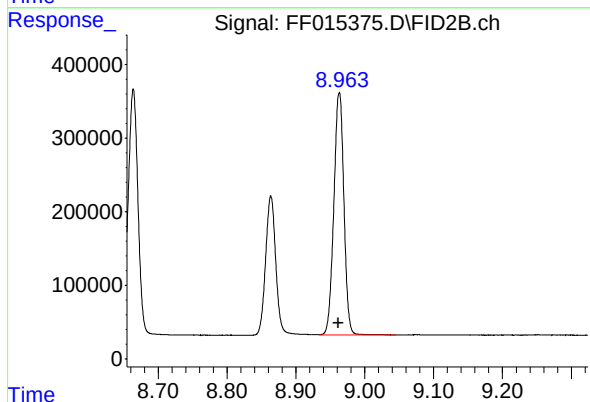
R.T.: 8.664 min
Delta R.T.: 0.002 min
Response: 3357917
Conc: 21.13 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



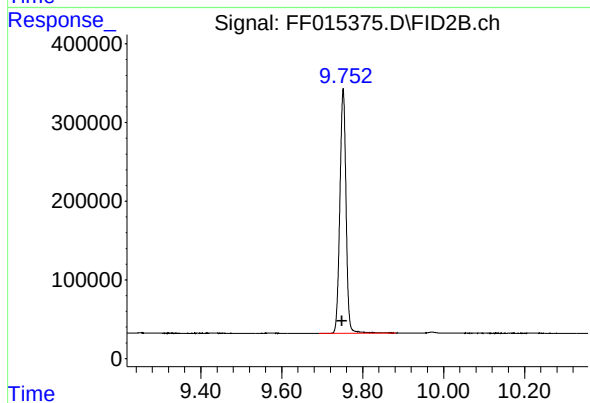
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.864 min
Delta R.T.: 0.002 min
Response: 1951428
Conc: 23.12 ug/ml



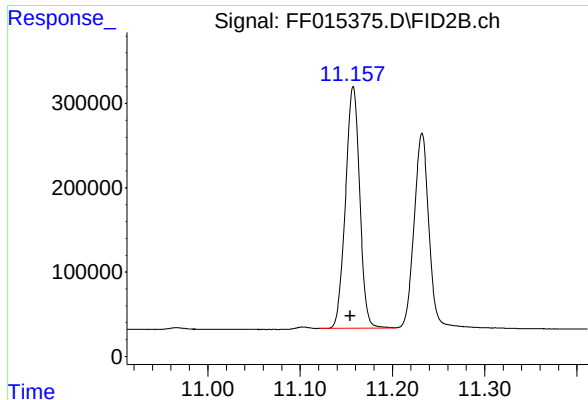
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.001 min
Response: 3350127
Conc: 20.55 ug/ml



#8 Fluorene (C16.55)

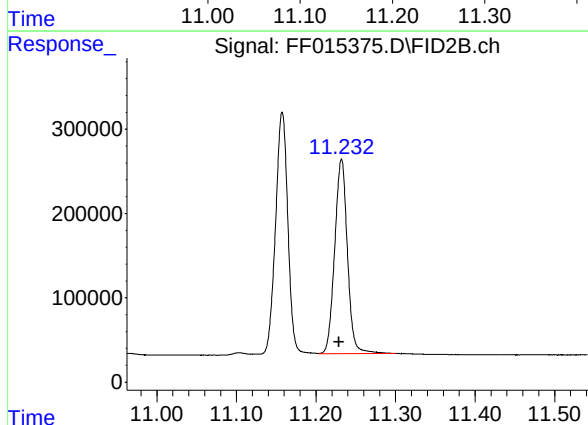
R.T.: 9.752 min
Delta R.T.: 0.003 min
Response: 3273600
Conc: 20.79 ug/ml



#9 Phenanthrene (C19.36)

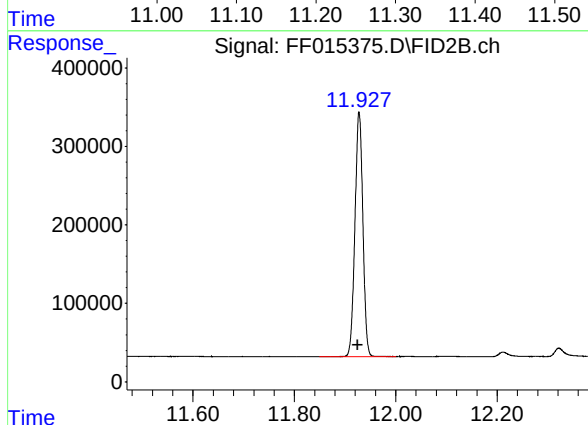
R.T.: 11.158 min
Delta R.T.: 0.003 min
Response: 3078940
Conc: 19.28 ug/ml

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20 PPM AROMATIC HC STD



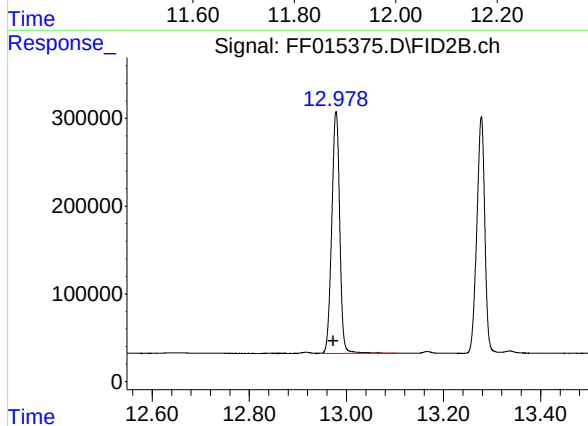
#10 Anthracene (C19.43)

R.T.: 11.232 min
Delta R.T.: 0.003 min
Response: 2570091
Conc: 17.41 ug/ml



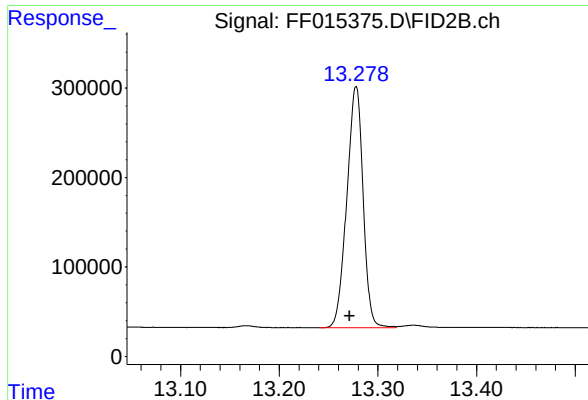
#11 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: 0.003 min
Response: 3378508
Conc: 19.63 ug/ml



#12 Fluoranthene (C21.85)

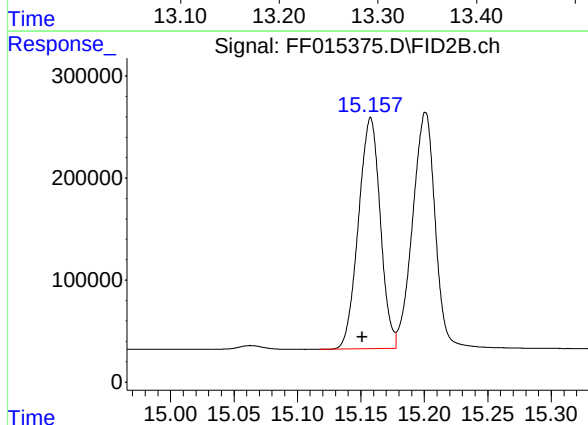
R.T.: 12.979 min
Delta R.T.: 0.005 min
Response: 3130784
Conc: 18.92 ug/ml



#13 Pyrene (C20.8)

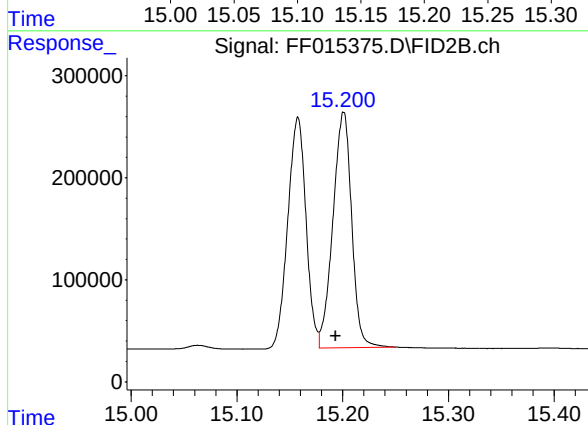
R.T.: 13.278 min
Delta R.T.: 0.006 min
Response: 3091329
Conc: 19.08 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



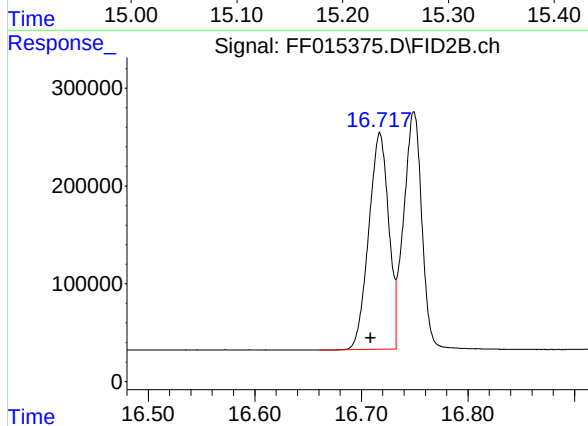
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.158 min
Delta R.T.: 0.007 min
Response: 2715055
Conc: 18.20 ug/ml



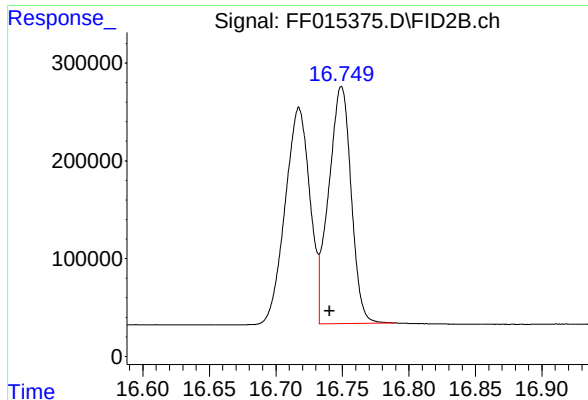
#15 Chrysene (C27.41)

R.T.: 15.201 min
Delta R.T.: 0.007 min
Response: 2851815
Conc: 18.36 ug/ml



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

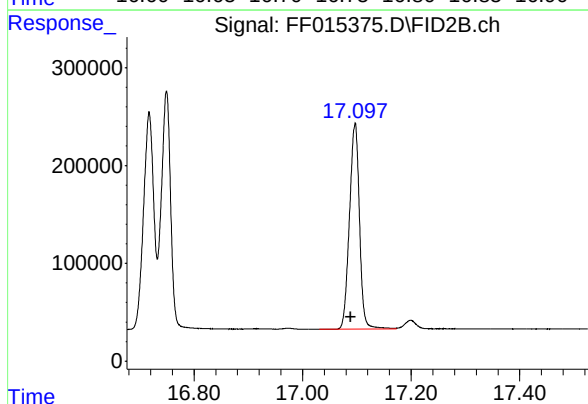
R.T.: 16.717 min
Delta R.T.: 0.009 min
Response: 2866872
Conc: 19.37 ug/ml



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

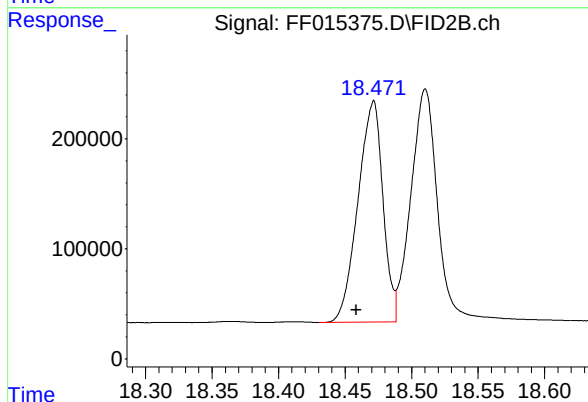
R.T.: 16.749 min
Delta R.T.: 0.009 min
Response: 2855782
Conc: 20.20 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



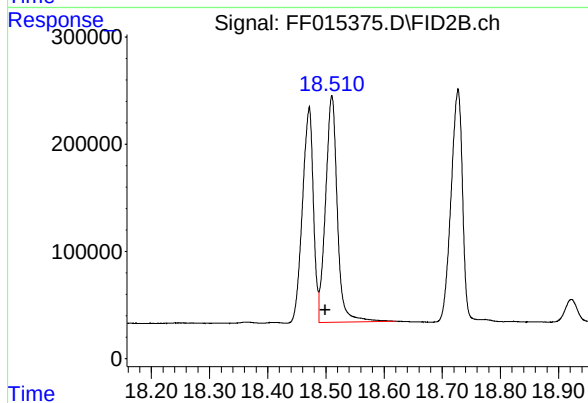
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.097 min
Delta R.T.: 0.008 min
Response: 2699517
Conc: 19.00 ug/ml



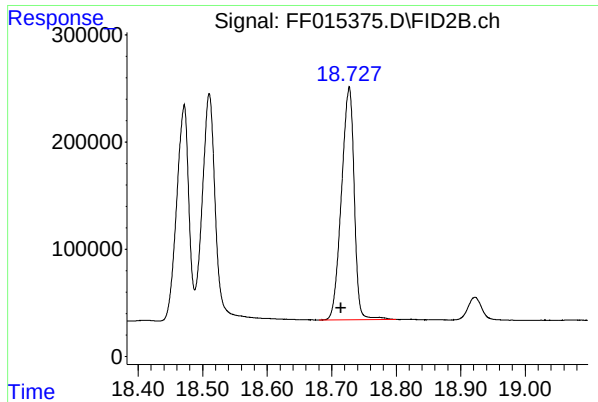
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.471 min
Delta R.T.: 0.012 min
Response: 2624624
Conc: 20.83 ug/ml



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

R.T.: 18.510 min
Delta R.T.: 0.011 min
Response: 2986572
Conc: 20.19 ug/ml



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

R.T.: 18.727 min

Delta R.T.: 0.012 min

Response: 2991551

Conc: 22.16 ug/ml

Instrument :

FID_F

ClientSampleId :

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