

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081722AR\
 Data File : FD043622.D
 Signal(s) : FID2B.ch
 Acq On : 17 Aug 2022 09:39
 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: sample.E
 Quant Time: Aug 17 23:36:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 2022
 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...	7.608	3057931	21.618 ug/ml
Spiked Amount 50.000		Recovery =	43.24%
6) S 2-Fluorobiphenyl (SURR)	8.472	1969100	20.713 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.43%
11) S ortho-Terphenyl (SURR)	11.518	3338267	19.696 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.406	3583347	22.847 ug/ml
2) T Naphthalene (C11.7)	5.945	3548345	21.945 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	3185642	21.756 ug/ml
5) T Acenaphthylene (C15.06)	8.274	3356623	20.677 ug/ml
7) T Acenaphthene (C15.5)	8.570	3391208	20.976 ug/ml
8) T Flouorene (C16.55)	9.352	3215305	20.519 ug/ml
9) T Phenanthrene (C19.36)	10.750	3065990	19.563 ug/ml
10) T Anthracene (C19.43)	10.825	2900625	18.833 ug/ml
12) T Fluoranthene (C21.85)	12.564	2974543	18.780 ug/ml
13) T Pyrene (C20.8)	12.861	2905103	18.485 ug/ml
14) T Benzo[a]anthracene (C...	14.736	2848941	19.311 ug/ml
15) T Chrysene (C27.41)	14.778	2959949	18.942 ug/ml
16) T benzo[b]fluoranthene ...	16.289	3061848	20.469 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	3000606	19.997 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.667	2932340	20.746 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	2590299	21.917 ug/ml
20) T Dibenz[a,h]anthracene...	18.072	3029458	21.358 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	2915182	22.417 ug/ml

(f)=RT Delta > 1/2 Window

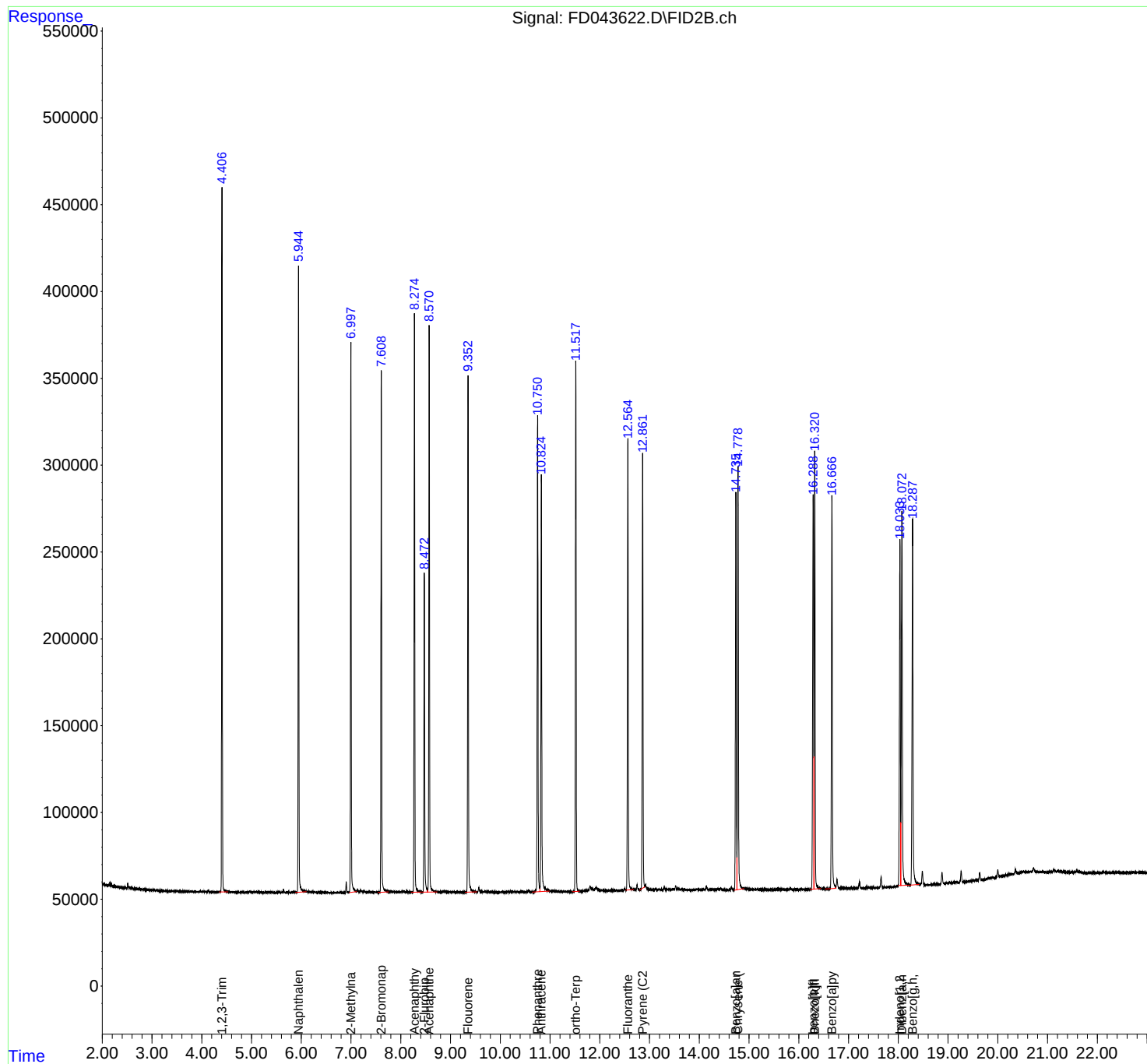
(m)=manual int.

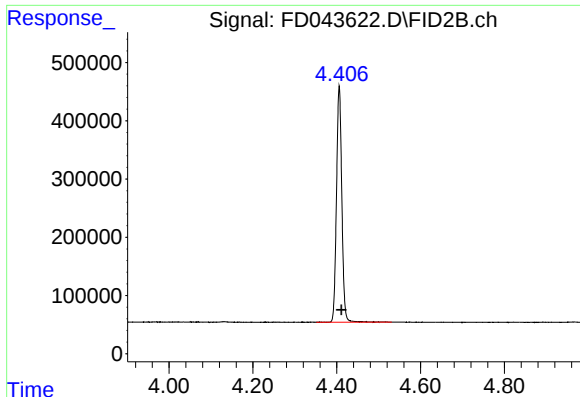
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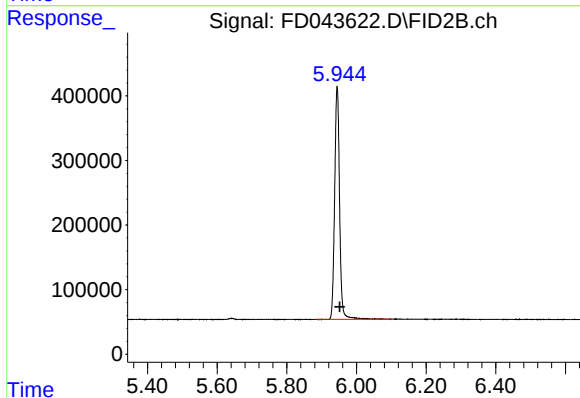




#1 1,2,3-Trimethylbenzene (C10.1)

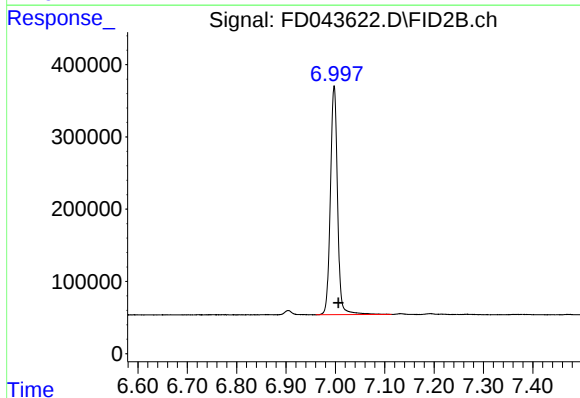
R.T.: 4.406 min
Delta R.T.: -0.005 min
Response: 3583347
Conc: 22.85 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



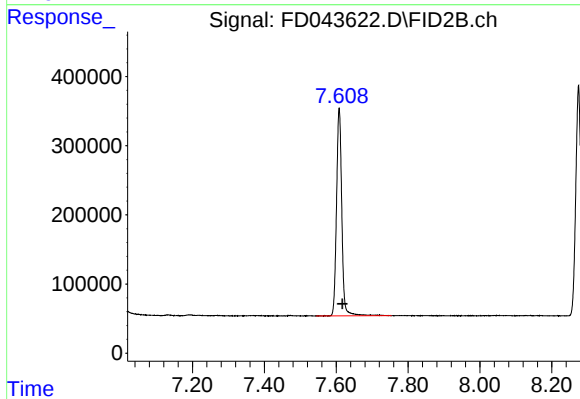
#2 Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.008 min
Response: 3548345
Conc: 21.95 ug/ml



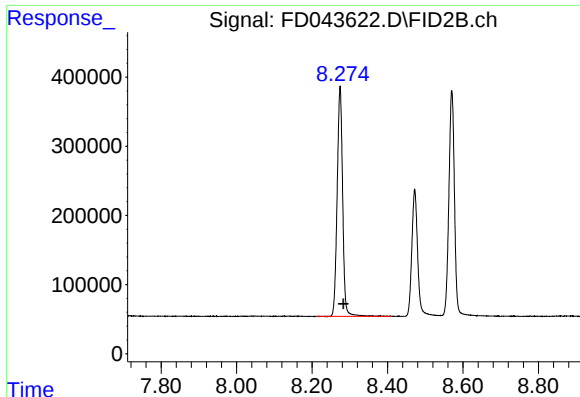
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.009 min
Response: 3185642
Conc: 21.76 ug/ml



#4 2-Bromonaphthalene (SURR)

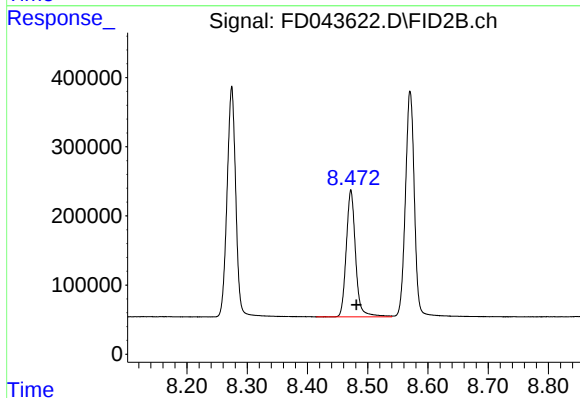
R.T.: 7.608 min
Delta R.T.: -0.009 min
Response: 3057931
Conc: 21.62 ug/ml



#5 Acenaphthylene (C15.06)

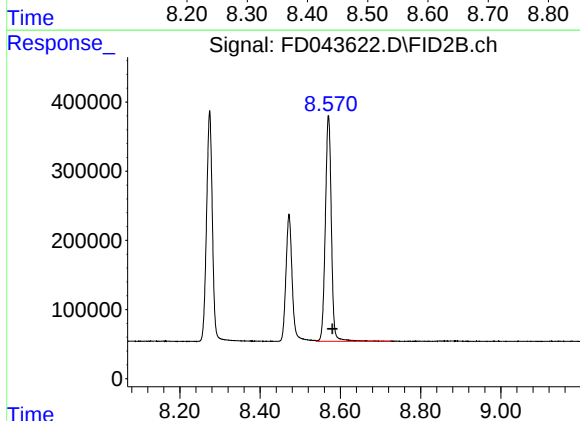
R.T.: 8.274 min
Delta R.T.: -0.009 min
Response: 3356623
Conc: 20.68 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



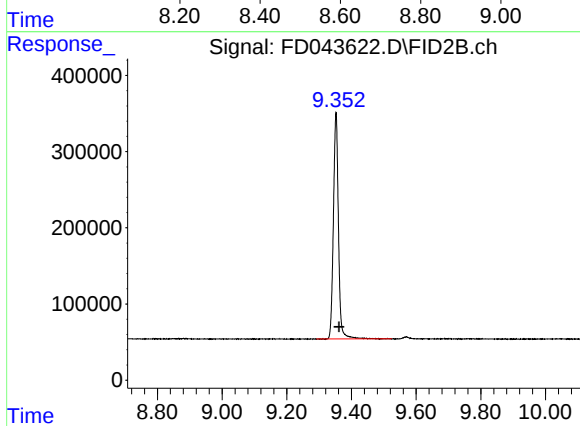
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.472 min
Delta R.T.: -0.009 min
Response: 1969100
Conc: 20.71 ug/ml



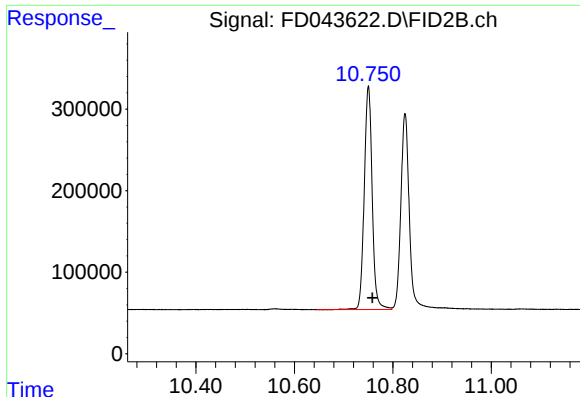
#7 Acenaphthene (C15.5)

R.T.: 8.570 min
Delta R.T.: -0.009 min
Response: 3391208
Conc: 20.98 ug/ml



#8 Fluorene (C16.55)

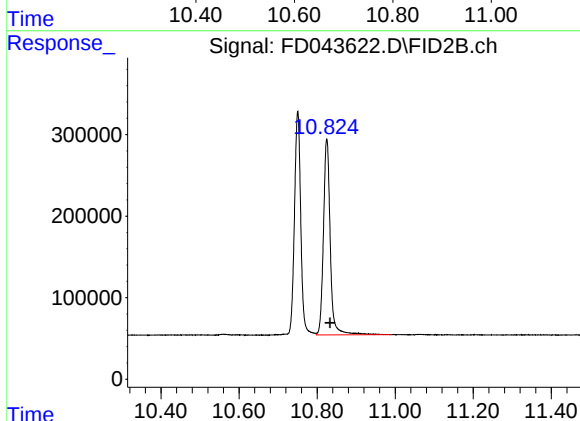
R.T.: 9.352 min
Delta R.T.: -0.009 min
Response: 3215305
Conc: 20.52 ug/ml



#9 Phenanthrene (C19.36)

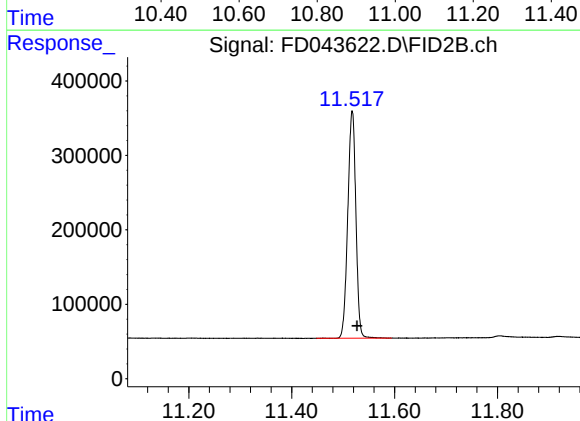
R.T.: 10.750 min
Delta R.T.: -0.008 min
Response: 3065990
Conc: 19.56 ug/ml

Instrument :
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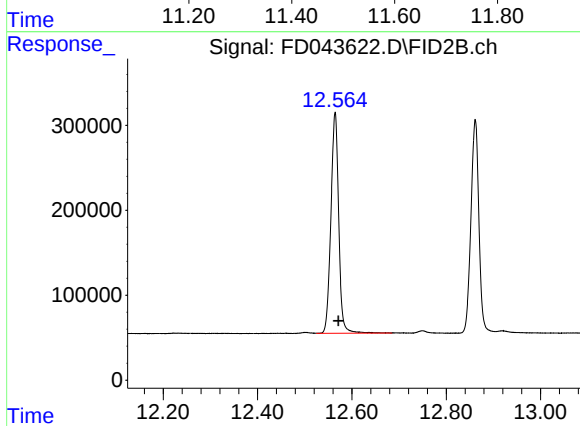
#10 Anthracene (C19.43)

R.T.: 10.825 min
Delta R.T.: -0.008 min
Response: 2900625
Conc: 18.83 ug/ml



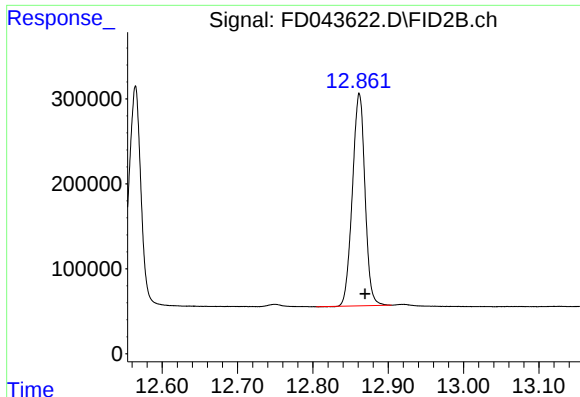
#11 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.010 min
Response: 3338267
Conc: 19.70 ug/ml



#12 Fluoranthene (C21.85)

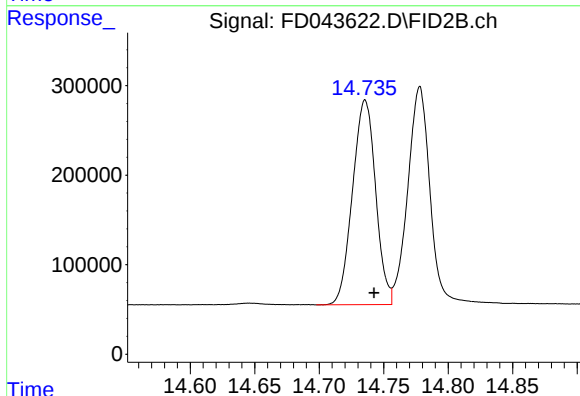
R.T.: 12.564 min
Delta R.T.: -0.007 min
Response: 2974543
Conc: 18.78 ug/ml



#13 Pyrene (C20.8)

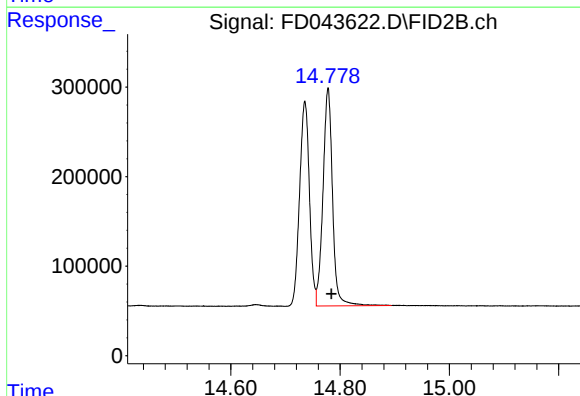
R.T.: 12.861 min
Delta R.T.: -0.008 min
Response: 2905103
Conc: 18.49 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



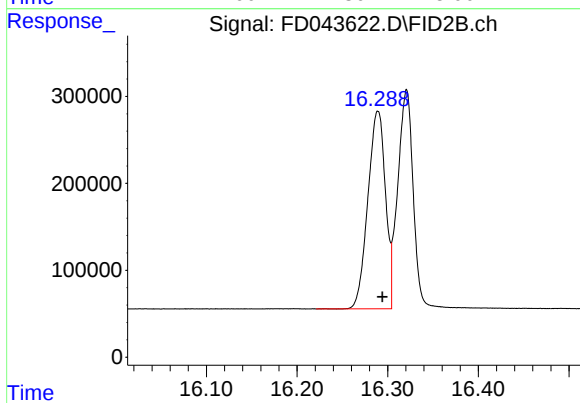
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: -0.007 min
Response: 2848941
Conc: 19.31 ug/ml



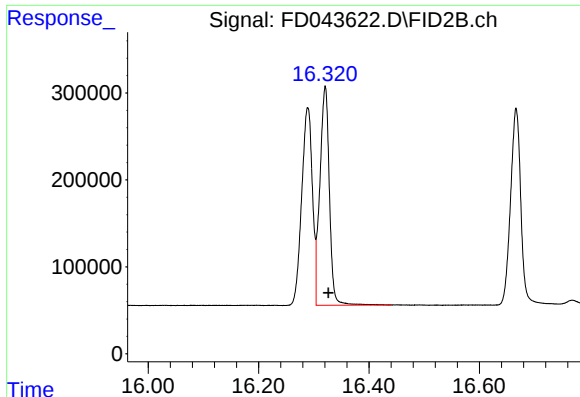
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.006 min
Response: 2959949
Conc: 18.94 ug/ml



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

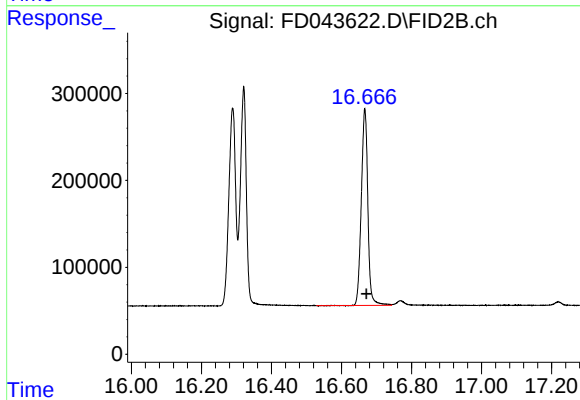
R.T.: 16.289 min
Delta R.T.: -0.005 min
Response: 3061848
Conc: 20.47 ug/ml



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

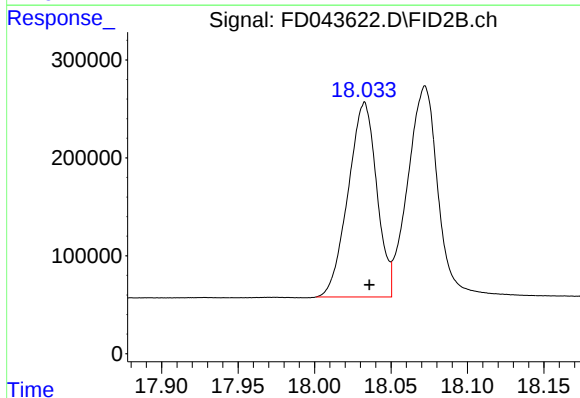
R.T.: 16.320 min
Delta R.T.: -0.006 min
Response: 3000606
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



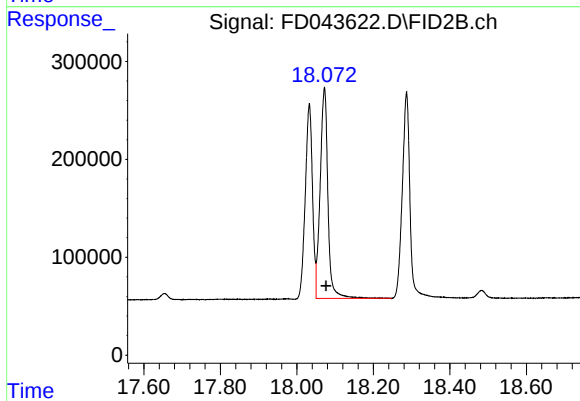
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.667 min
Delta R.T.: -0.005 min
Response: 2932340
Conc: 20.75 ug/ml



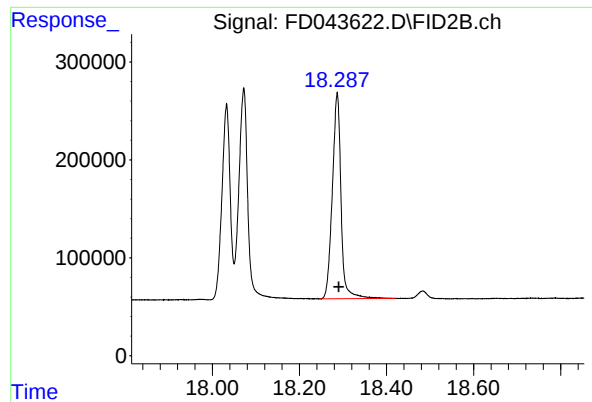
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: -0.003 min
Response: 2590299
Conc: 21.92 ug/ml



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

R.T.: 18.072 min
Delta R.T.: -0.005 min
Response: 3029458
Conc: 21.36 ug/ml



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

R.T.: 18.287 min
Delta R.T.: -0.004 min
Response: 2915182
Conc: 22.42 ug/ml

Instrument :

FID_D

ClientSampleId :

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