

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101322AR\
 Data File : FD044130.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2022 04:01
 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: Oct 14 04:36:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 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...	7.419	2587796	20.843 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
6) S 2-Fluorobiphenyl (SURR)	8.275	1600869	21.260 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.52%
11) S ortho-Terphenyl (SURR)	11.305	3432997	20.282 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.231	2891557	20.486 ug/ml
2) T Naphthalene (C11.7)	5.761	2907432	21.208 ug/ml
3) T 2-Methylnaphthalene (...)	6.806	2980042	21.022 ug/ml
5) T Acenaphthylene (C15.06)	8.076	2896258	20.646 ug/ml
7) T Acenaphthene (C15.5)	8.367	3169853	20.384 ug/ml
8) T Flouorene (C16.55)	9.148	2922134	20.771 ug/ml
9) T Phenanthrene (C19.36)	10.539	2776816	20.619 ug/ml
10) T Anthracene (C19.43)	10.615	2771763	20.628 ug/ml
12) T Fluoranthene (C21.85)	12.344	2724680	20.402 ug/ml
13) T Pyrene (C20.8)	12.638	2561838	20.282 ug/ml
14) T Benzo[a]anthracene (C...	14.507	2177519	20.501 ug/ml
15) T Chrysene (C27.41)	14.549	2617977	19.971 ug/ml
16) T benzo[b]fluoranthene ...	16.055	2282756	20.341 ug/ml
17) T Bnezo[k]fluoranthene ...	16.086	2552543	20.063 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	2344423	20.176 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.798	2134889	20.025 ug/ml
20) T Dibenz[a,h]anthracene...	17.834	2491331	20.138 ug/ml
21) T Benzo[g,h,i]perylene ...	18.049	2384919	20.315 ug/ml

(f)=RT Delta > 1/2 Window

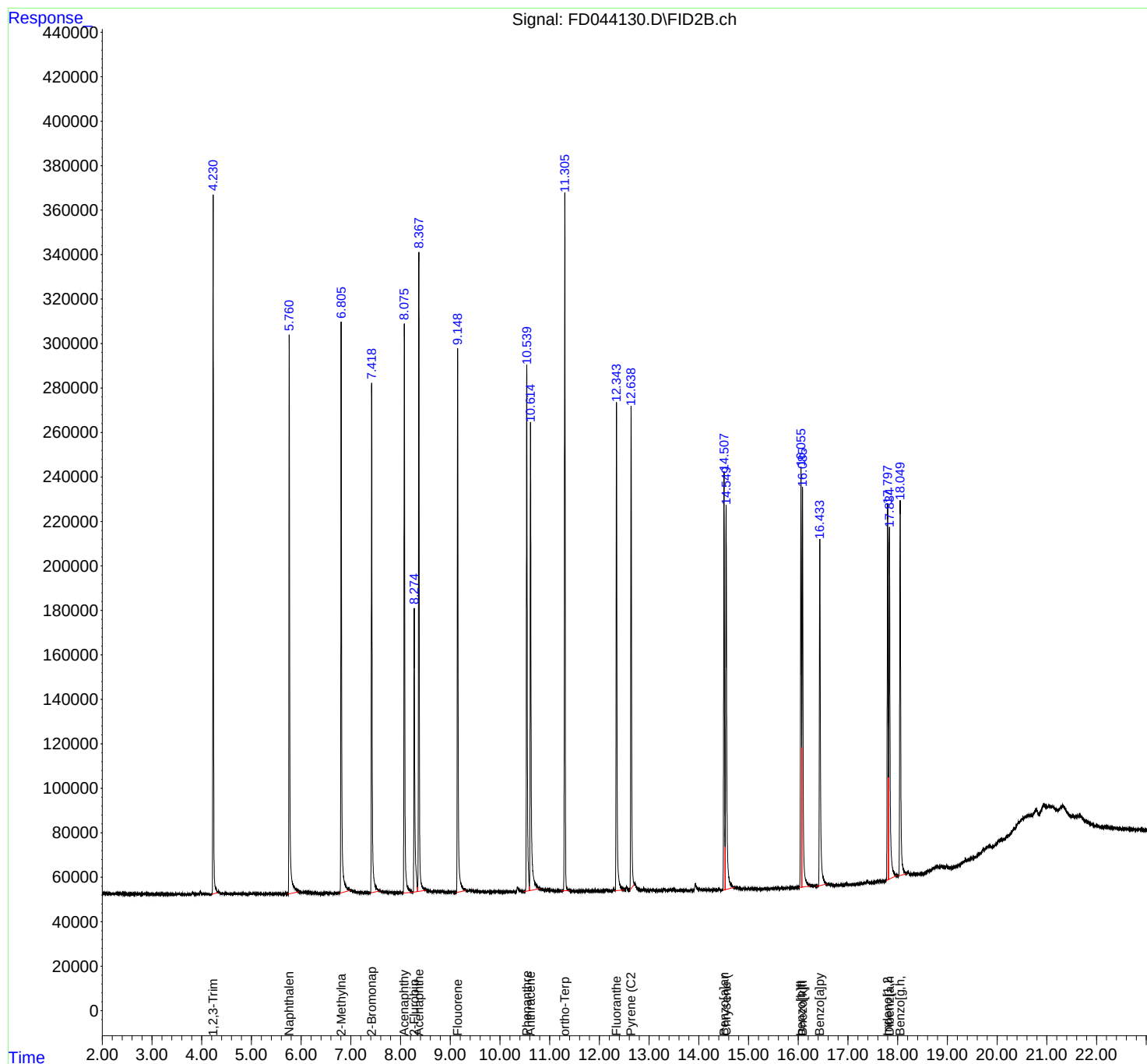
(m)=manual int.

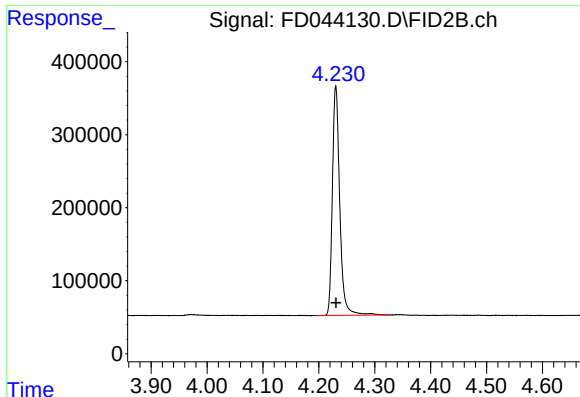
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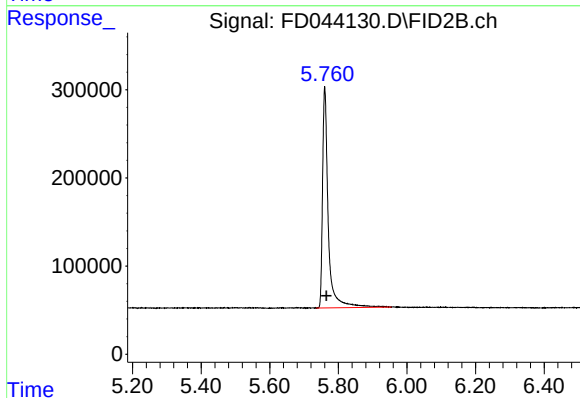




#1 1,2,3-Trimethylbenzene (C10.1)

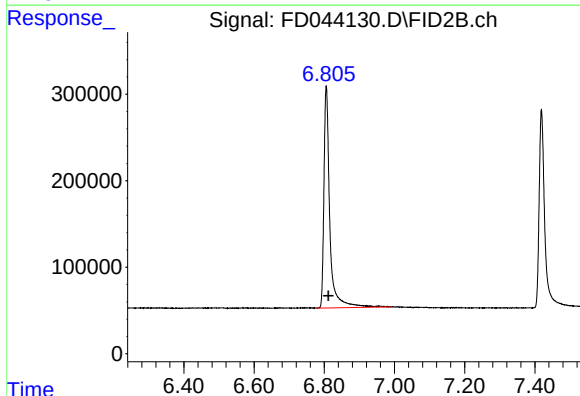
R.T.: 4.231 min
Delta R.T.: 0.000 min
Response: 2891557
Conc: 20.49 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



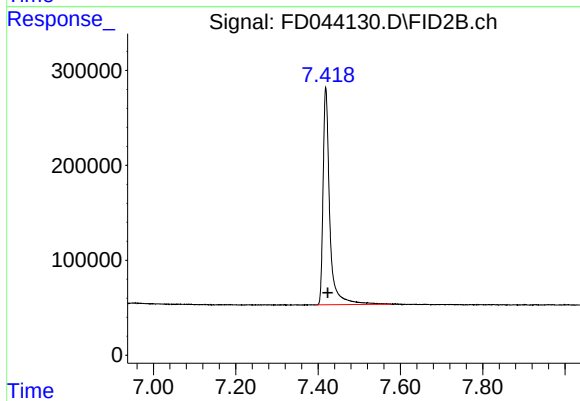
#2 Naphthalene (C11.7)

R.T.: 5.761 min
Delta R.T.: -0.005 min
Response: 2907432
Conc: 21.21 ug/ml



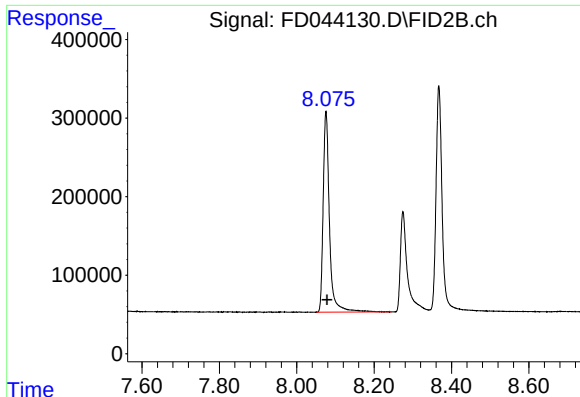
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.806 min
Delta R.T.: -0.005 min
Response: 2980042
Conc: 21.02 ug/ml



#4 2-Bromonaphthalene (SURR)

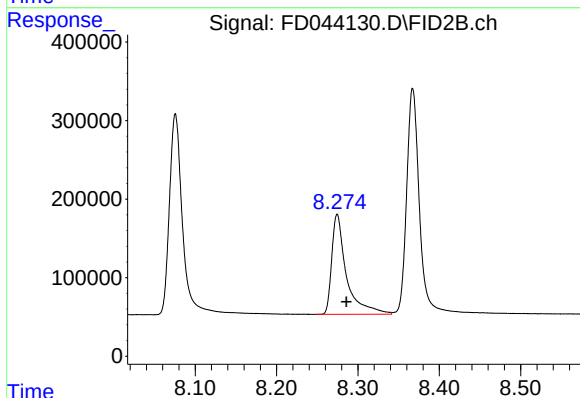
R.T.: 7.419 min
Delta R.T.: -0.004 min
Response: 2587796
Conc: 20.84 ug/ml



#5 Acenaphthylene (C15.06)

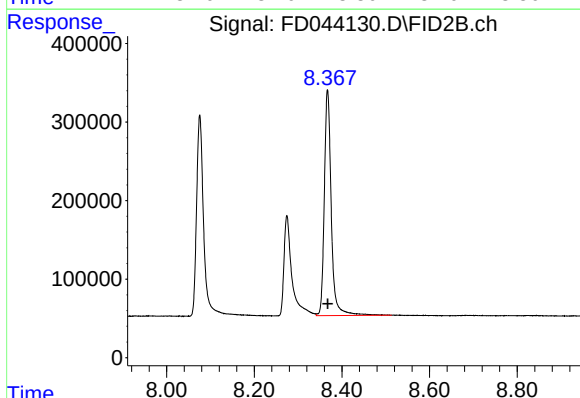
R.T.: 8.076 min
Delta R.T.: -0.003 min
Response: 2896258
Conc: 20.65 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



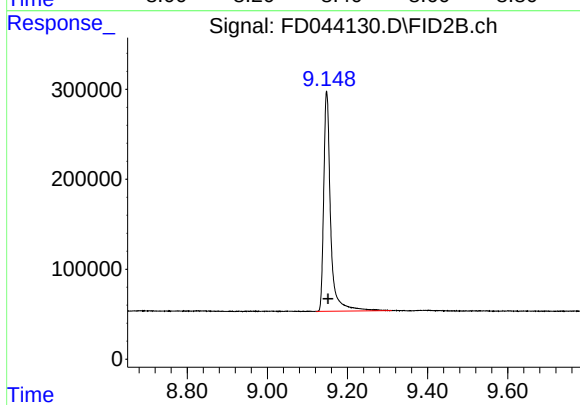
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.275 min
Delta R.T.: -0.011 min
Response: 1600869
Conc: 21.26 ug/ml



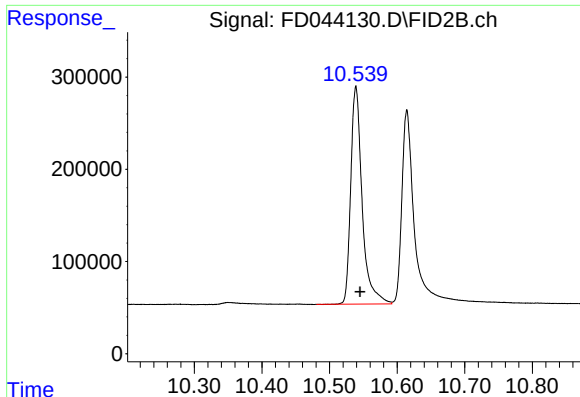
#7 Acenaphthene (C15.5)

R.T.: 8.367 min
Delta R.T.: 0.000 min
Response: 3169853
Conc: 20.38 ug/ml



#8 Flouorene (C16.55)

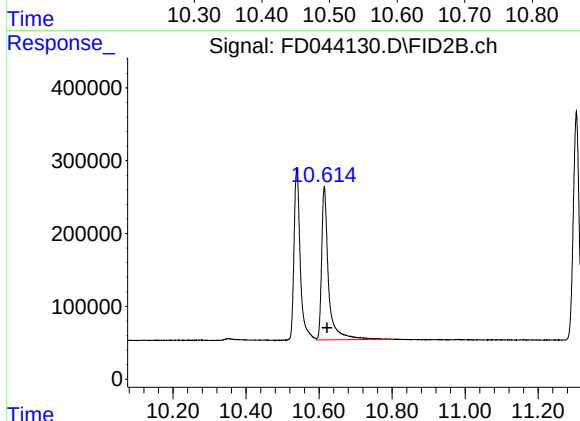
R.T.: 9.148 min
Delta R.T.: -0.004 min
Response: 2922134
Conc: 20.77 ug/ml



#9 Phenanthrene (C19.36)

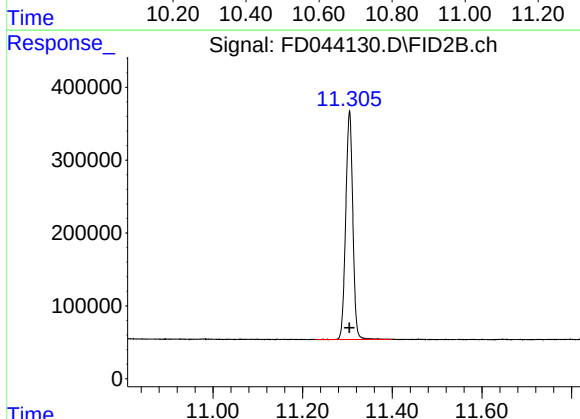
R.T.: 10.539 min
Delta R.T.: -0.006 min
Response: 2776816
Conc: 20.62 ug/ml

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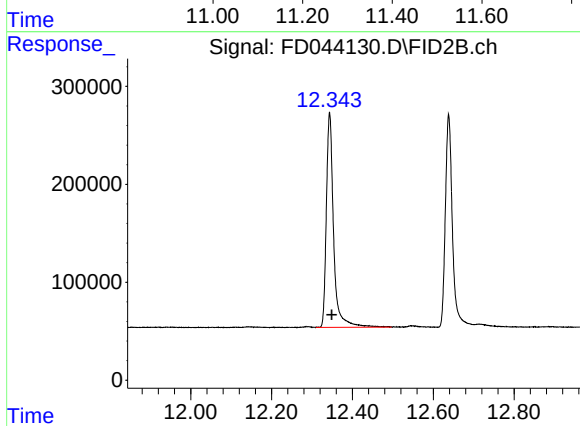
#10 Anthracene (C19.43)

R.T.: 10.615 min
Delta R.T.: -0.007 min
Response: 2771763
Conc: 20.63 ug/ml



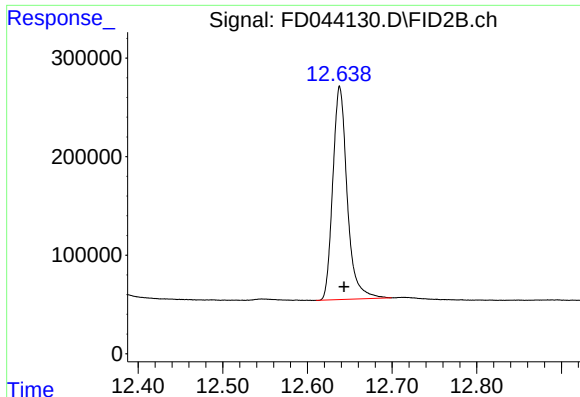
#11 ortho-Terphenyl (SURR)

R.T.: 11.305 min
Delta R.T.: 0.000 min
Response: 3432997
Conc: 20.28 ug/ml



#12 Fluoranthene (C21.85)

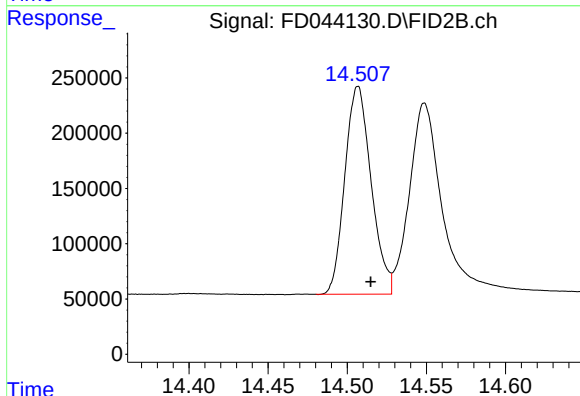
R.T.: 12.344 min
Delta R.T.: -0.005 min
Response: 2724680
Conc: 20.40 ug/ml



#13 Pyrene (C20.8)

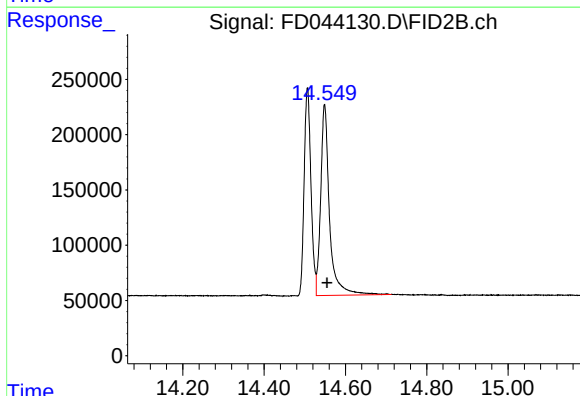
R.T.: 12.638 min
Delta R.T.: -0.005 min
Response: 2561838
Conc: 20.28 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



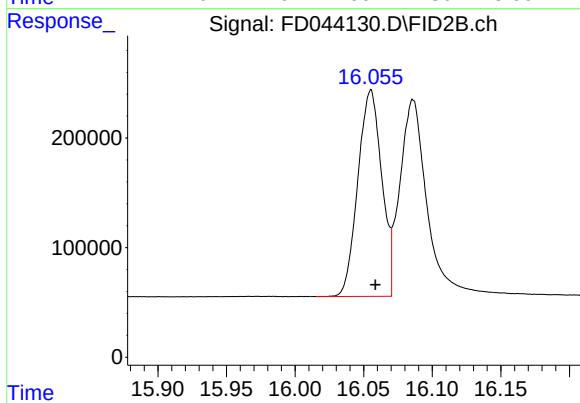
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min
Delta R.T.: -0.008 min
Response: 2177519
Conc: 20.50 ug/ml



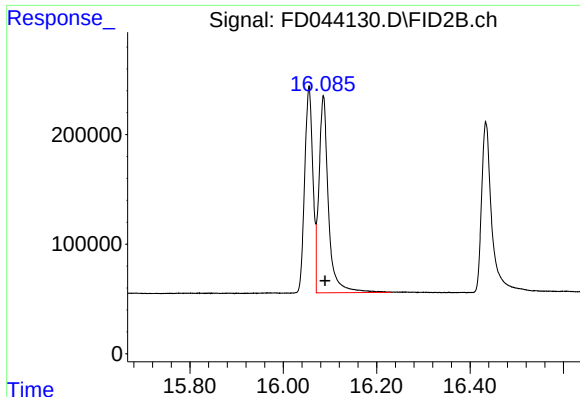
#15 Chrysene (C27.41)

R.T.: 14.549 min
Delta R.T.: -0.006 min
Response: 2617977
Conc: 19.97 ug/ml



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

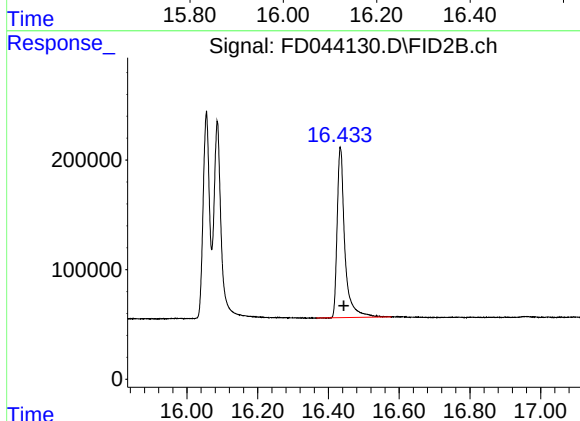
R.T.: 16.055 min
Delta R.T.: -0.004 min
Response: 2282756
Conc: 20.34 ug/ml



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

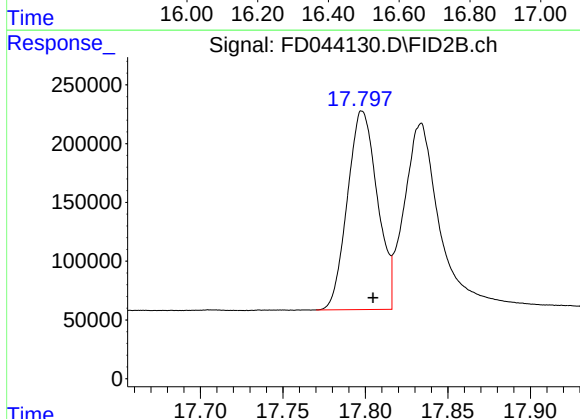
R.T.: 16.086 min
Delta R.T.: -0.003 min
Response: 2552543
Conc: 20.06 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



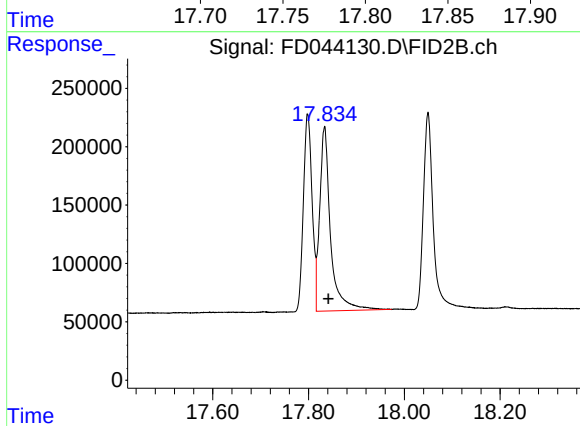
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min
Delta R.T.: -0.009 min
Response: 2344423
Conc: 20.18 ug/ml



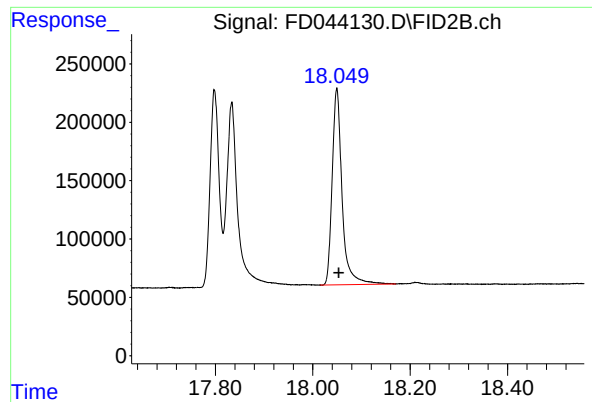
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min
Delta R.T.: -0.006 min
Response: 2134889
Conc: 20.03 ug/ml



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

R.T.: 17.834 min
Delta R.T.: -0.008 min
Response: 2491331
Conc: 20.14 ug/ml



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

R.T.: 18.049 min
Delta R.T.: -0.004 min
Response: 2384919
Conc: 20.31 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD