

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041423AR\
 Data File : FD045496.D
 Signal(s) : FID2B.ch
 Acq On : 15 Apr 2023 00:24
 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: Apr 15 03:25:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.544	2864104	20.904 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
6) S 2-Fluorobiphenyl (SURR)	8.400	1864317	20.796 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.59%
11) S ortho-Terphenyl (SURR)	11.441	3572647	20.534 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	3275459	21.026 ug/ml
2) T Naphthalene (C11.7)	5.885	3362323	20.922 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	3351127	20.934 ug/ml
5) T Acenaphthylene (C15.06)	8.205	3015670	20.597 ug/ml
7) T Acenaphthene (C15.5)	8.499	3220044	20.760 ug/ml
8) T Fluorene (C16.55)	9.278	3068072	20.690 ug/ml
9) T Phenanthrene (C19.36)	10.669	2971893	20.516 ug/ml
10) T Anthracene (C19.43)	10.743	2669326	19.311 ug/ml
12) T Fluoranthene (C21.85)	12.473	2920184	20.297 ug/ml
13) T Pyrene (C20.8)	12.768	2859855	20.340 ug/ml
14) T Benzo[a]anthracene (C...	14.632	2546763	19.859 ug/ml
15) T Chrysene (C27.41)	14.675	2660964	20.067 ug/ml
16) T benzo[b]fluoranthene ...	16.175	2603922	20.045 ug/ml
17) T Bnezo[k]fluoranthene ...	16.207	2540570	20.059 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.549	2466814	19.620 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.906	2214748	18.712 ug/ml
20) T Dibenz[a,h]anthracene...	17.947	2182373	18.318 ug/ml
21) T Benzo[g,h,i]perylene ...	18.159	2443741	19.564 ug/ml

(f)=RT Delta > 1/2 Window

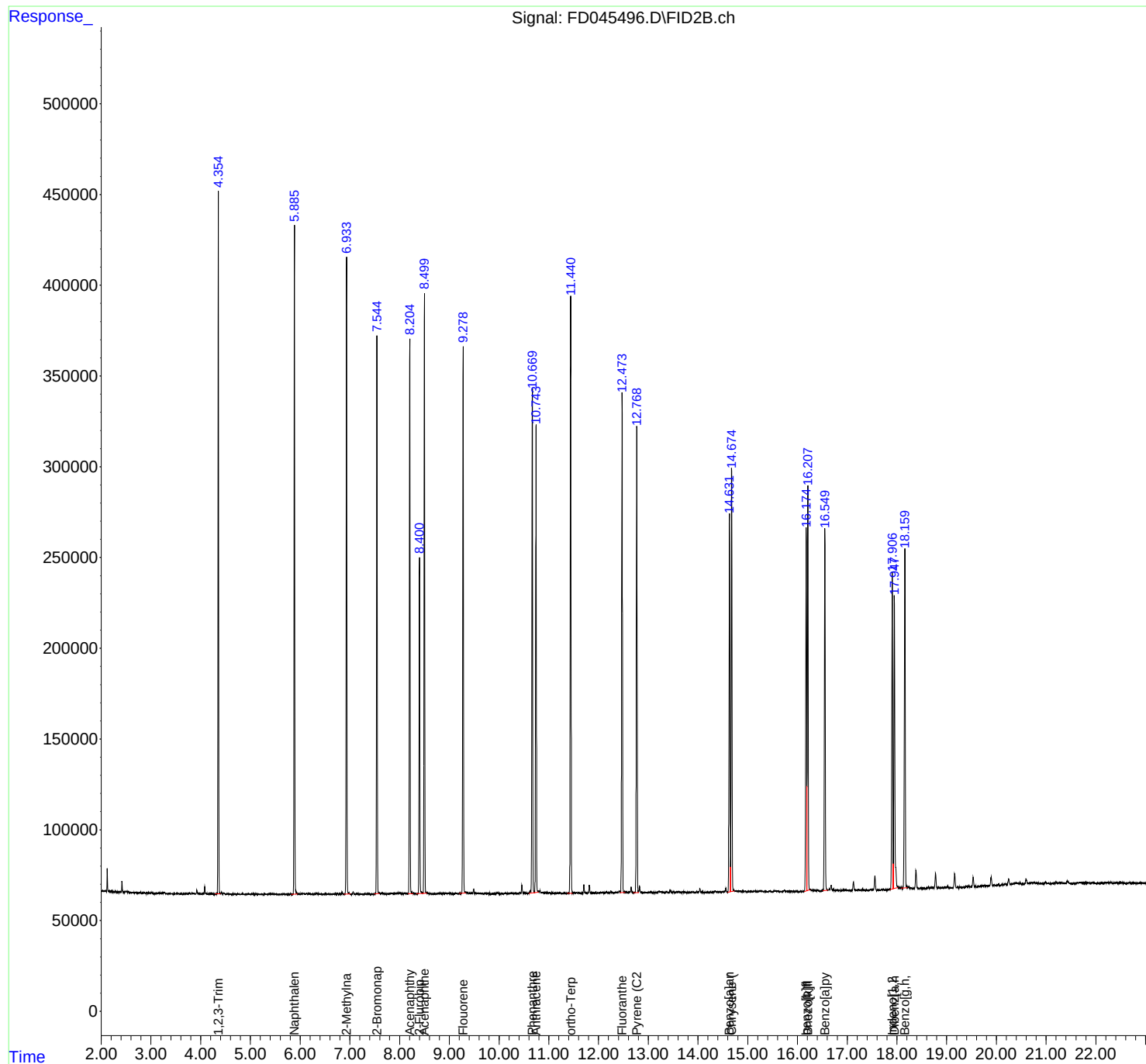
(m)=manual int.

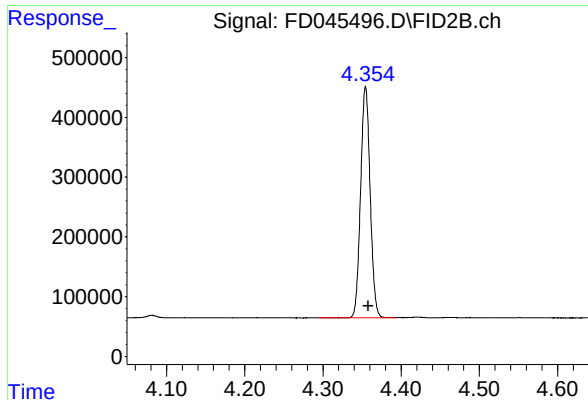
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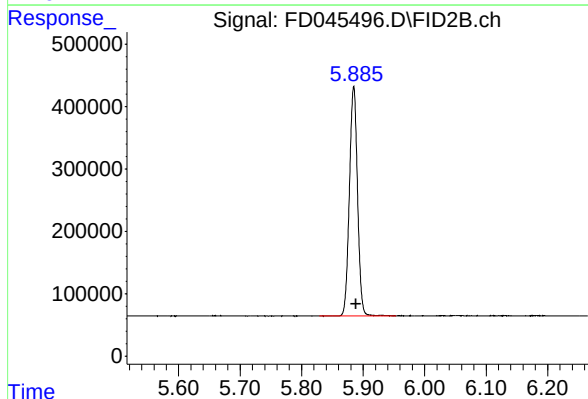




#1 1,2,3-Trimethylbenzene (C10.1)

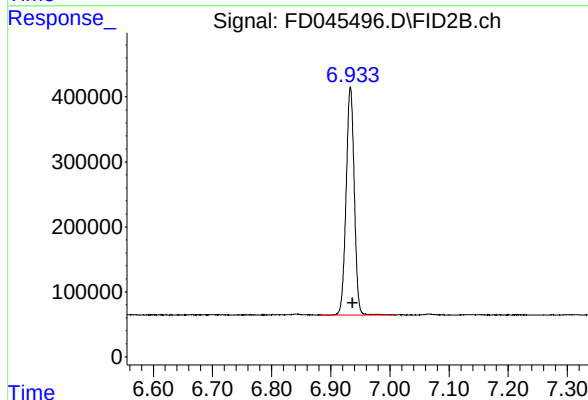
R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 3275459
Conc: 21.03 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



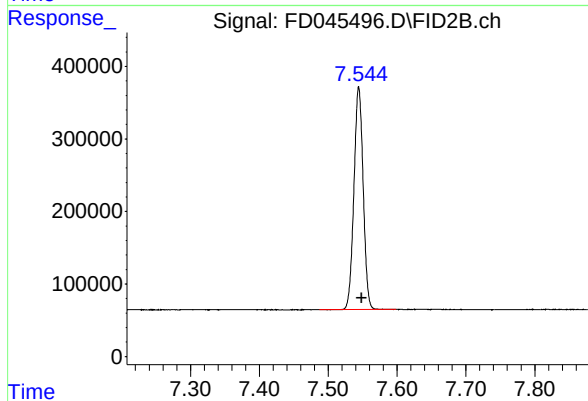
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.004 min
Response: 3362323
Conc: 20.92 ug/ml



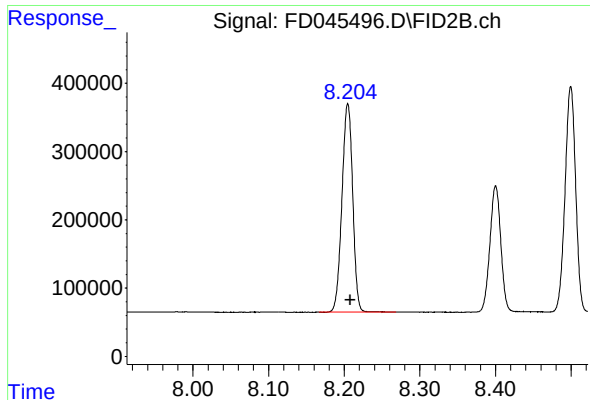
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: -0.004 min
Response: 3351127
Conc: 20.93 ug/ml



#4 2-Bromonaphthalene (SURR)

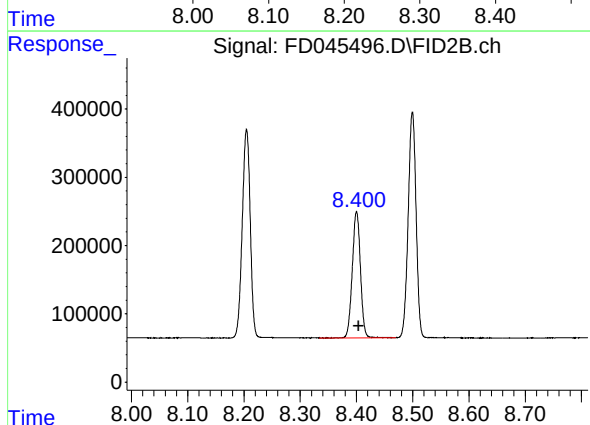
R.T.: 7.544 min
Delta R.T.: -0.004 min
Response: 2864104
Conc: 20.90 ug/ml



#5 Acenaphthylene (C15.06)

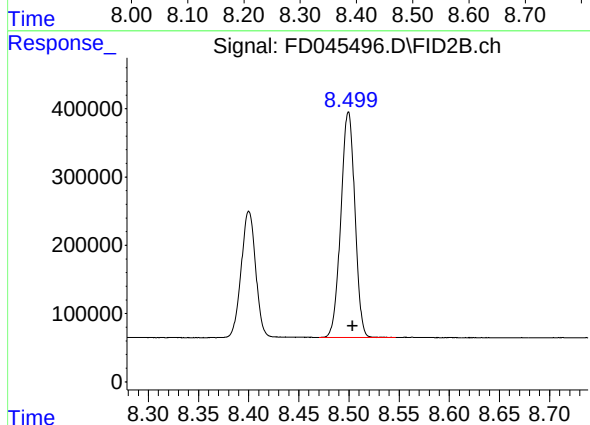
R.T.: 8.205 min
Delta R.T.: -0.004 min
Response: 3015670
Conc: 20.60 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



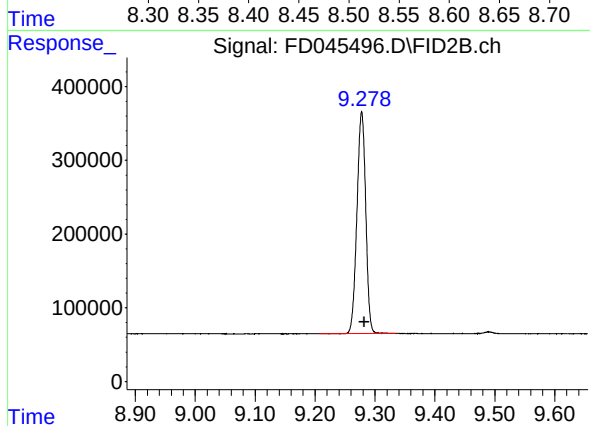
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: -0.004 min
Response: 1864317
Conc: 20.80 ug/ml



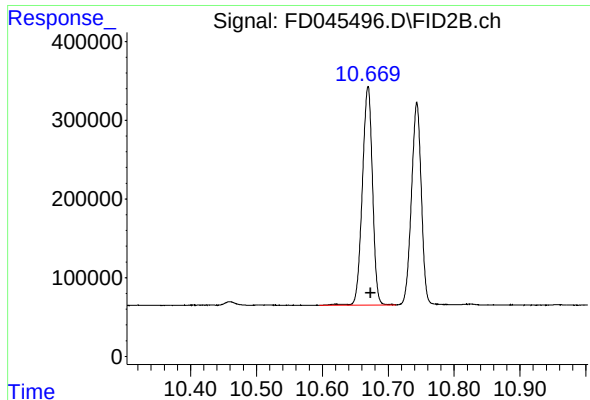
#7 Acenaphthene (C15.5)

R.T.: 8.499 min
Delta R.T.: -0.004 min
Response: 3220044
Conc: 20.76 ug/ml



#8 Flouorene (C16.55)

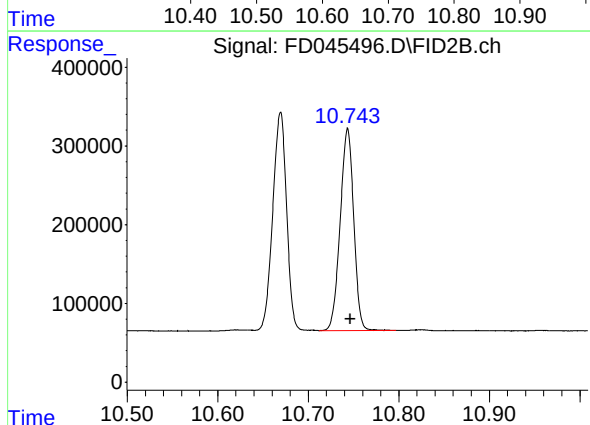
R.T.: 9.278 min
Delta R.T.: -0.004 min
Response: 3068072
Conc: 20.69 ug/ml



#9 Phenanthrene (C19.36)

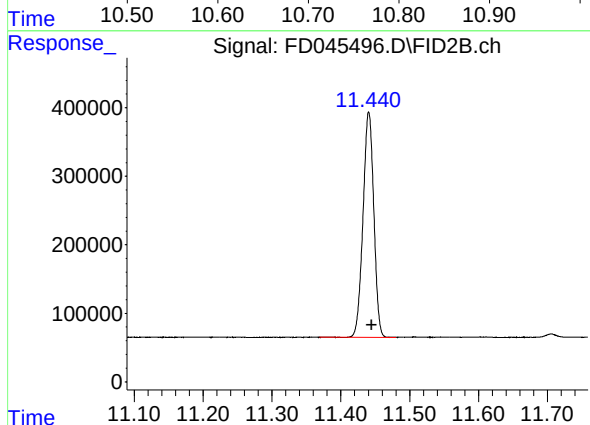
R.T.: 10.669 min
Delta R.T.: -0.004 min
Response: 2971893
Conc: 20.52 ug/ml

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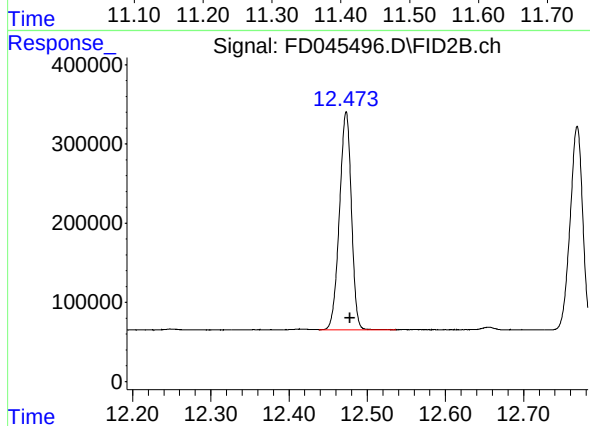
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: -0.003 min
Response: 2669326
Conc: 19.31 ug/ml



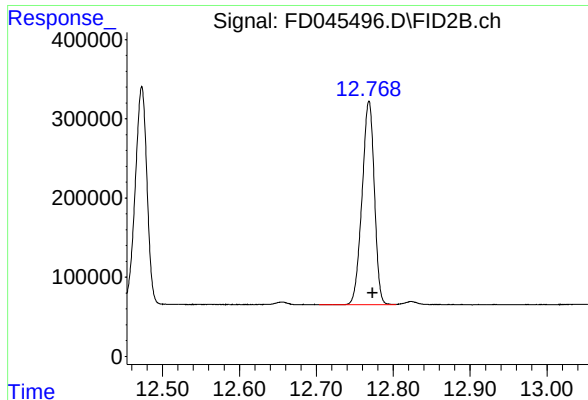
#11 ortho-Terphenyl (SURR)

R.T.: 11.441 min
Delta R.T.: -0.004 min
Response: 3572647
Conc: 20.53 ug/ml



#12 Fluoranthene (C21.85)

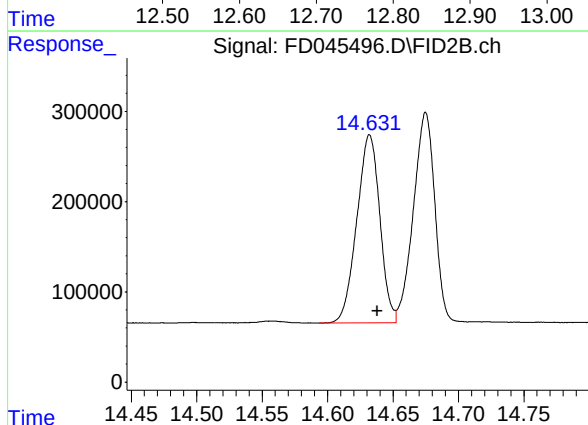
R.T.: 12.473 min
Delta R.T.: -0.005 min
Response: 2920184
Conc: 20.30 ug/ml



#13 Pyrene (C20.8)

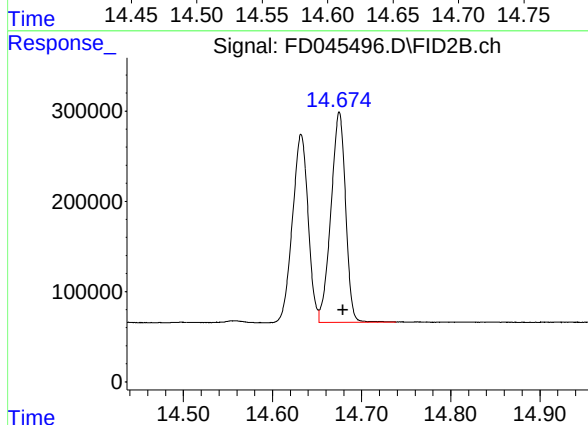
R.T.: 12.768 min
Delta R.T.: -0.005 min
Response: 2859855
Conc: 20.34 ug/ml

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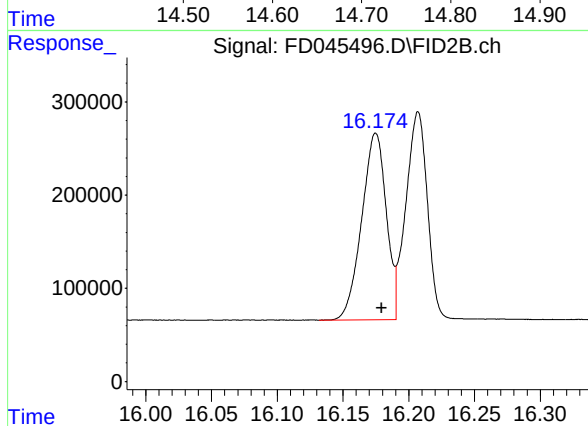
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.632 min
Delta R.T.: -0.006 min
Response: 2546763
Conc: 19.86 ug/ml



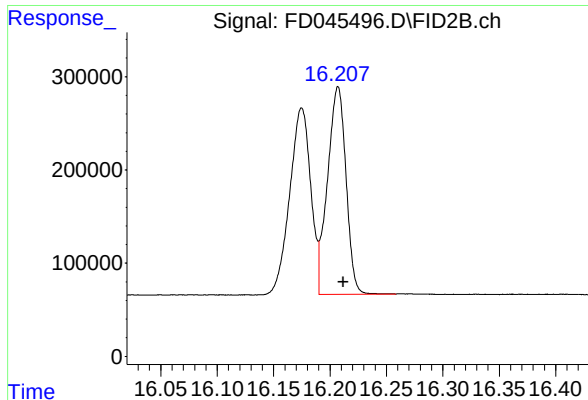
#15 Chrysene (C27.41)

R.T.: 14.675 min
Delta R.T.: -0.004 min
Response: 2660964
Conc: 20.07 ug/ml



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

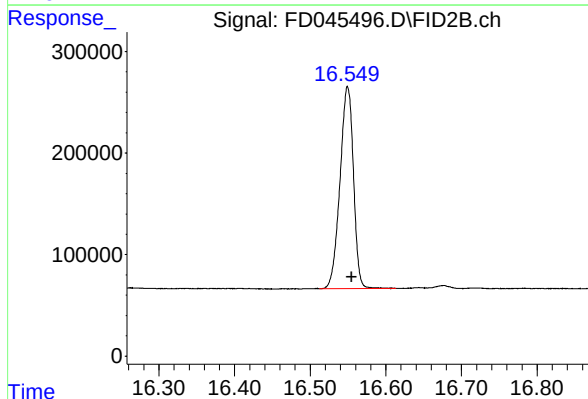
R.T.: 16.175 min
Delta R.T.: -0.005 min
Response: 2603922
Conc: 20.05 ug/ml



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

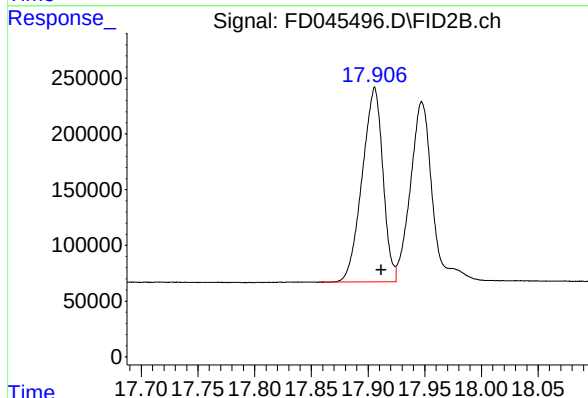
R.T.: 16.207 min
Delta R.T.: -0.005 min
Response: 2540570
Conc: 20.06 ug/ml

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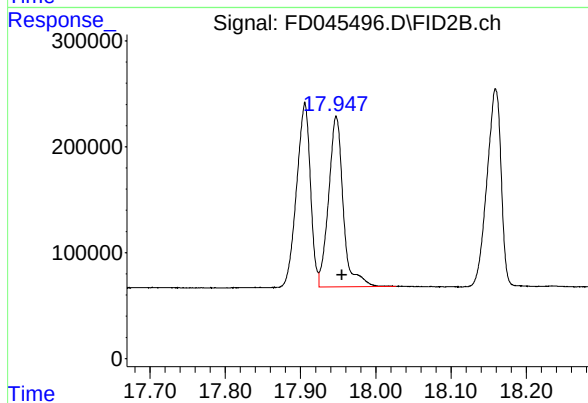
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.549 min
Delta R.T.: -0.006 min
Response: 2466814
Conc: 19.62 ug/ml



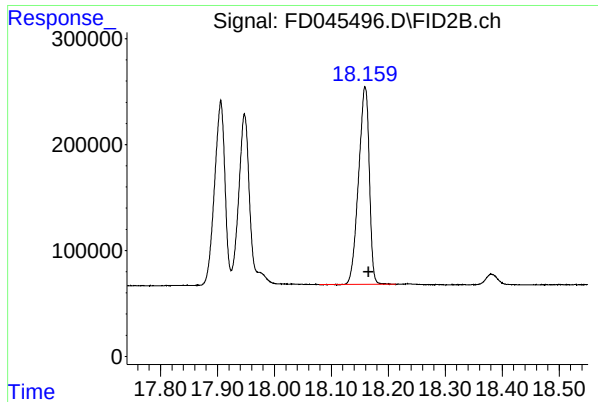
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.906 min
Delta R.T.: -0.006 min
Response: 2214748
Conc: 18.71 ug/ml



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

R.T.: 17.947 min
Delta R.T.: -0.008 min
Response: 2182373
Conc: 18.32 ug/ml



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

R.T.: 18.159 min

Delta R.T.: -0.007 min

Response: 2443741

Conc: 19.56 ug/ml

Instrument :

FID_D

ClientSampleId :

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