

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101422AR\
 Data File : FD044142.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2022 02:28
 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: Oct 15 15:38:27 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...	7.417	2672803	21.528 ug/ml
Spiked Amount 50.000		Recovery =	43.06%
6) S 2-Fluorobiphenyl (SURR)	8.273	1640224	21.783 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.57%
11) S ortho-Terphenyl (SURR)	11.302	3573621	21.113 ug/ml
Spiked Amount 50.000		Recovery =	42.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.229	2969542	21.038 ug/ml
2) T Naphthalene (C11.7)	5.760	2921426	21.310 ug/ml
3) T 2-Methylnaphthalene (...)	6.804	3055827	21.556 ug/ml
5) T Acenaphthylene (C15.06)	8.073	2976618	21.218 ug/ml
7) T Acenaphthene (C15.5)	8.364	3277553	21.077 ug/ml
8) T Flouorene (C16.55)	9.145	3027879	21.523 ug/ml
9) T Phenanthrene (C19.36)	10.537	2896437	21.507 ug/ml
10) T Anthracene (C19.43)	10.613	2893078	21.531 ug/ml
12) T Fluoranthene (C21.85)	12.341	2887833	21.624 ug/ml
13) T Pyrene (C20.8)	12.636	2681126	21.226 ug/ml
14) T Benzo[a]anthracene (C...	14.506	2297806	21.633 ug/ml
15) T Chrysene (C27.41)	14.547	2776554	21.181 ug/ml
16) T benzo[b]fluoranthene ...	16.051	2399156	21.378 ug/ml
17) T Bnezo[k]fluoranthene ...	16.082	2688590	21.132 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.430	2457683	21.151 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	2195485	20.594 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	2602522	21.036 ug/ml
21) T Benzo[g,h,i]perylene ...	18.044	2492235	21.229 ug/ml

(f)=RT Delta > 1/2 Window

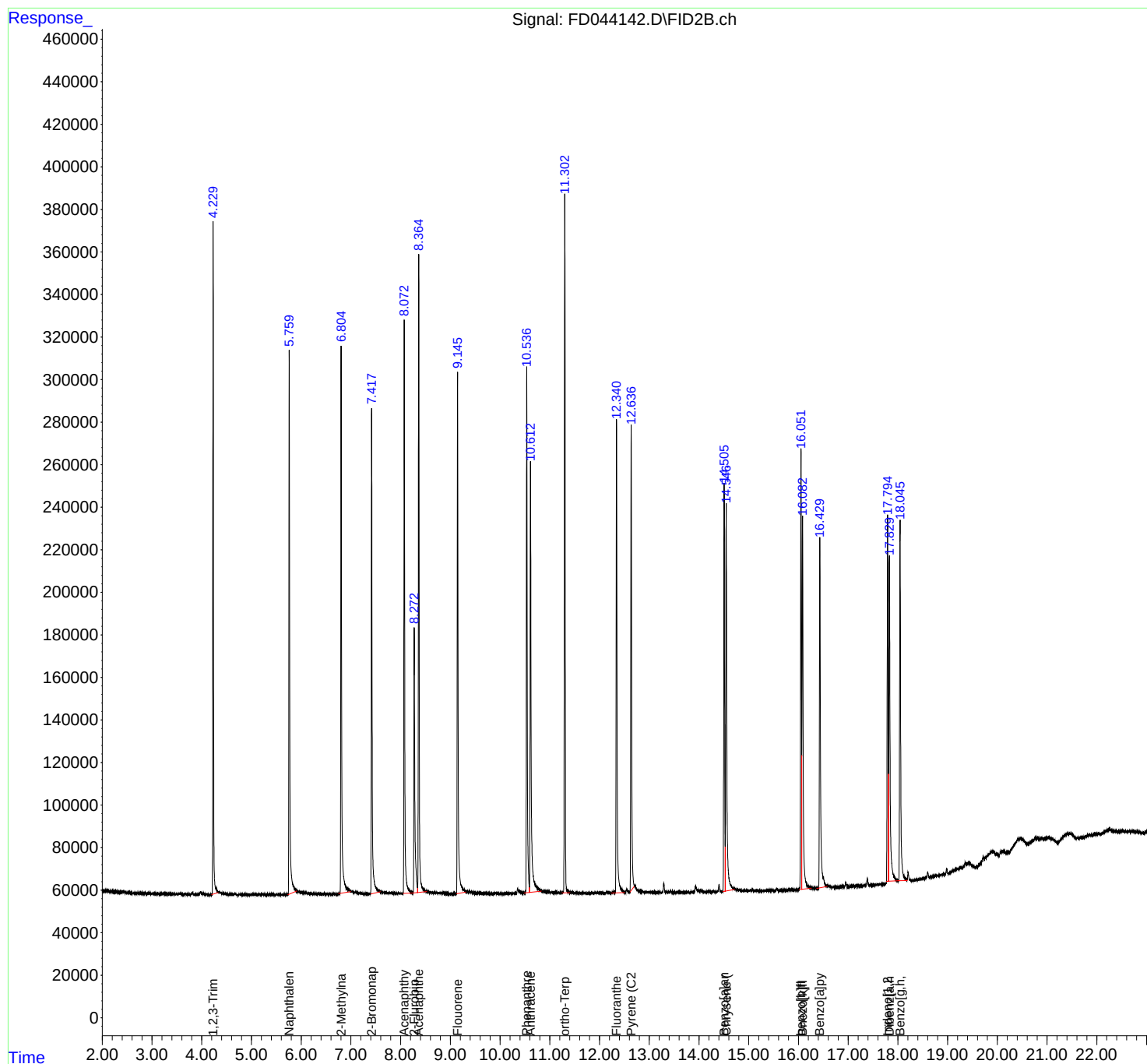
(m)=manual int.

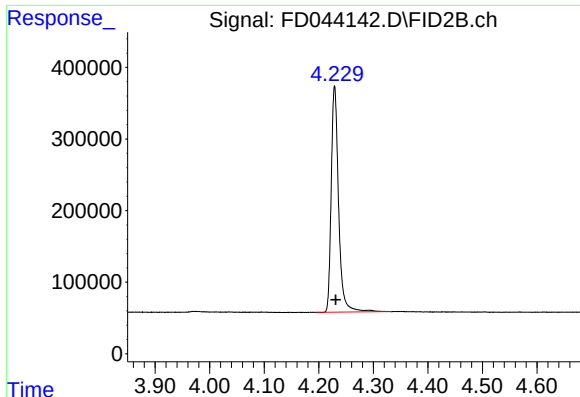
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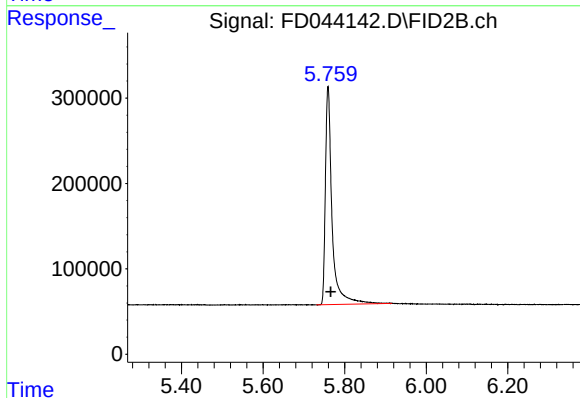




#1 1,2,3-Trimethylbenzene (C10.1)

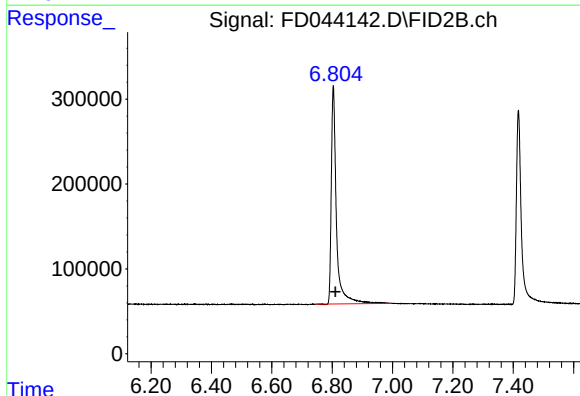
R.T.: 4.229 min
Delta R.T.: -0.002 min
Response: 2969542
Conc: 21.04 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



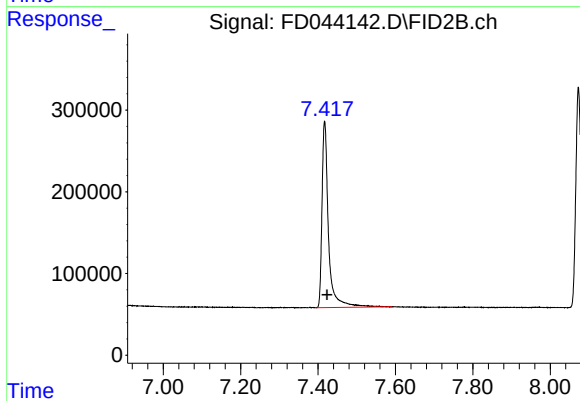
#2 Naphthalene (C11.7)

R.T.: 5.760 min
Delta R.T.: -0.006 min
Response: 2921426
Conc: 21.31 ug/ml



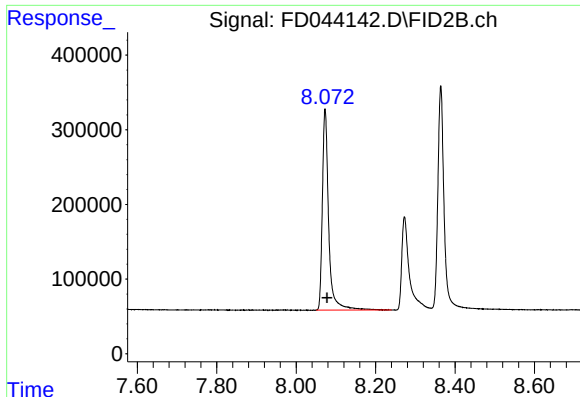
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: -0.007 min
Response: 3055827
Conc: 21.56 ug/ml



#4 2-Bromonaphthalene (SURR)

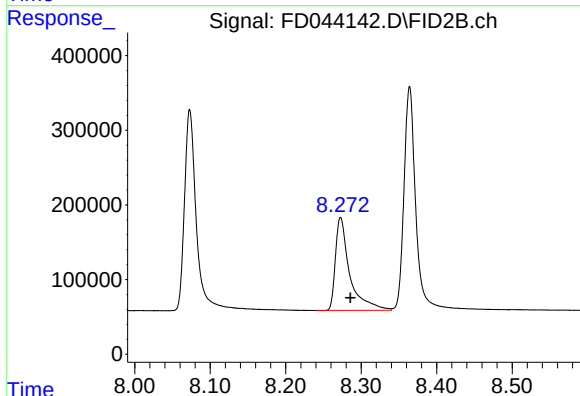
R.T.: 7.417 min
Delta R.T.: -0.006 min
Response: 2672803
Conc: 21.53 ug/ml



#5 Acenaphthylene (C15.06)

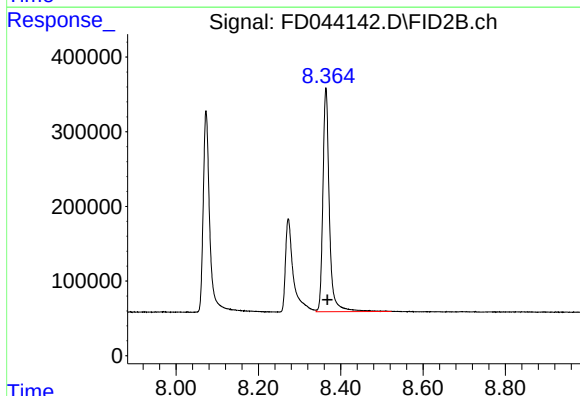
R.T.: 8.073 min
Delta R.T.: -0.005 min
Response: 2976618
Conc: 21.22 ug/ml

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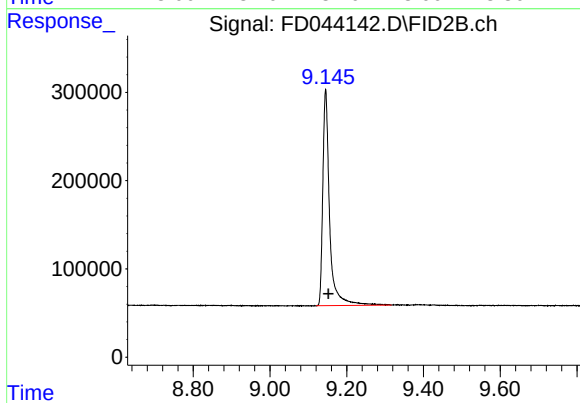
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.273 min
Delta R.T.: -0.013 min
Response: 1640224
Conc: 21.78 ug/ml



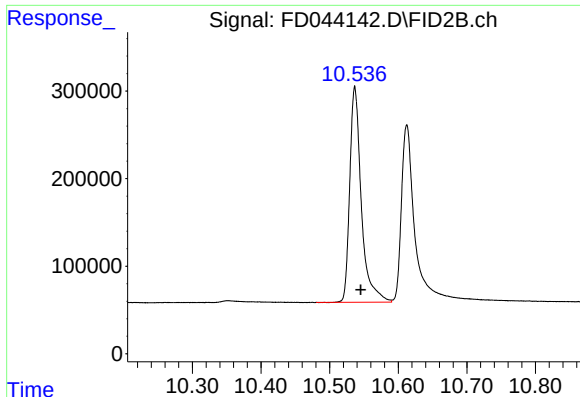
#7 Acenaphthene (C15.5)

R.T.: 8.364 min
Delta R.T.: -0.004 min
Response: 3277553
Conc: 21.08 ug/ml



#8 Fluorene (C16.55)

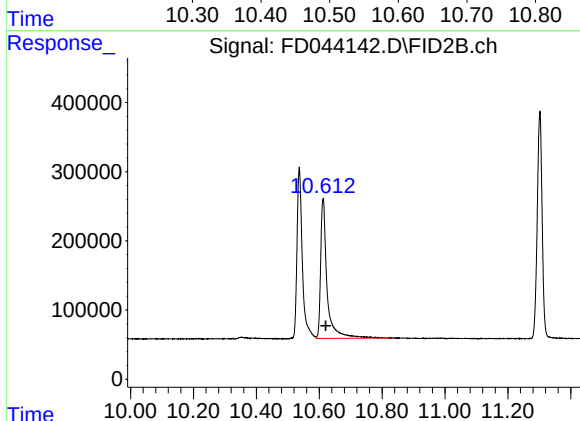
R.T.: 9.145 min
Delta R.T.: -0.007 min
Response: 3027879
Conc: 21.52 ug/ml



#9 Phenanthrene (C19.36)

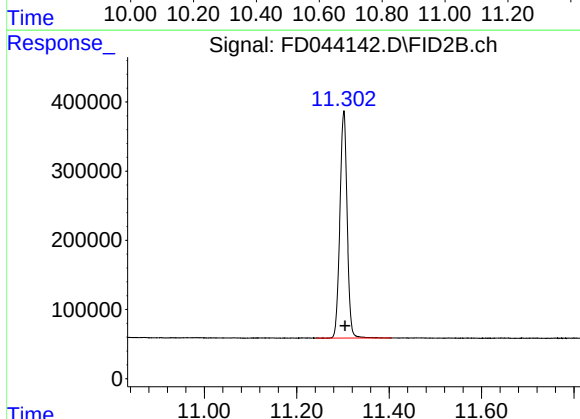
R.T.: 10.537 min
Delta R.T.: -0.008 min
Response: 2896437
Conc: 21.51 ug/ml

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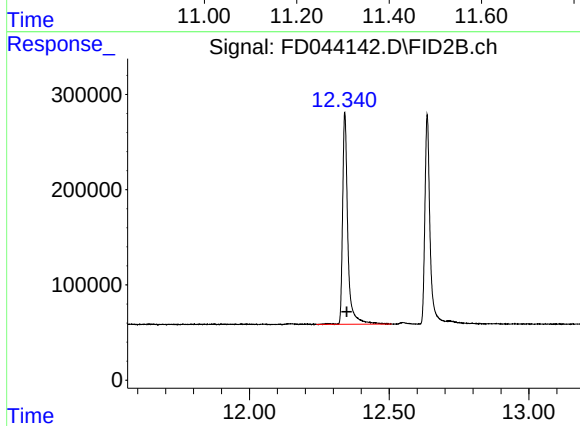
#10 Anthracene (C19.43)

R.T.: 10.613 min
Delta R.T.: -0.009 min
Response: 2893078
Conc: 21.53 ug/ml



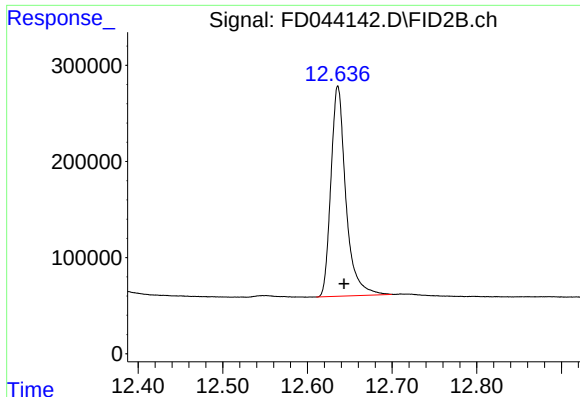
#11 ortho-Terphenyl (SURR)

R.T.: 11.302 min
Delta R.T.: -0.003 min
Response: 3573621
Conc: 21.11 ug/ml



#12 Fluoranthene (C21.85)

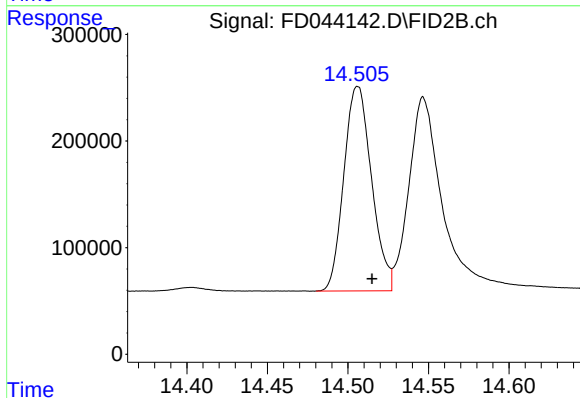
R.T.: 12.341 min
Delta R.T.: -0.007 min
Response: 2887833
Conc: 21.62 ug/ml



#13 Pyrene (C20.8)

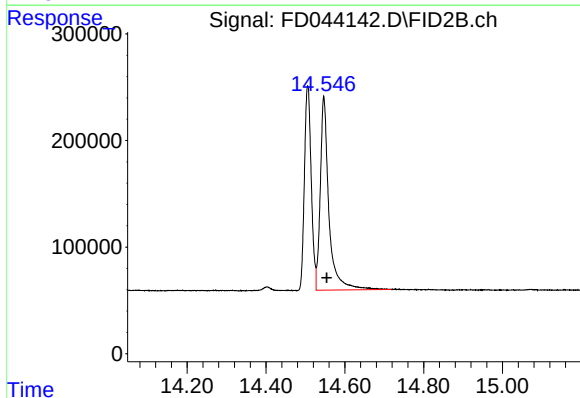
R.T.: 12.636 min
Delta R.T.: -0.007 min
Response: 2681126
Conc: 21.23 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



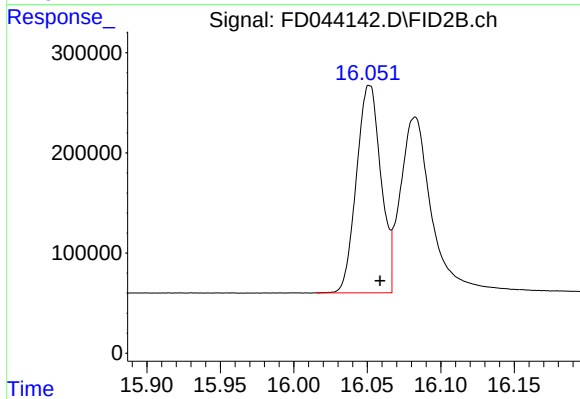
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.506 min
Delta R.T.: -0.009 min
Response: 2297806
Conc: 21.63 ug/ml



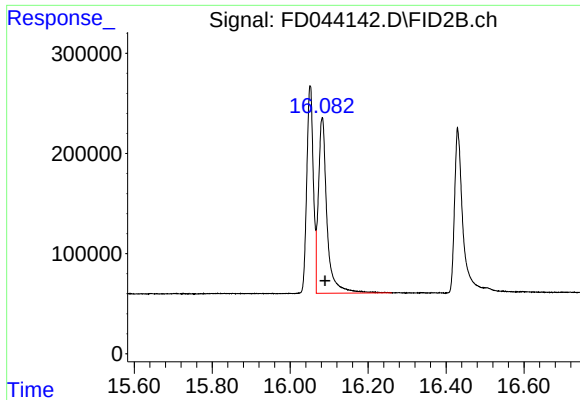
#15 Chrysene (C27.41)

R.T.: 14.547 min
Delta R.T.: -0.008 min
Response: 2776554
Conc: 21.18 ug/ml



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

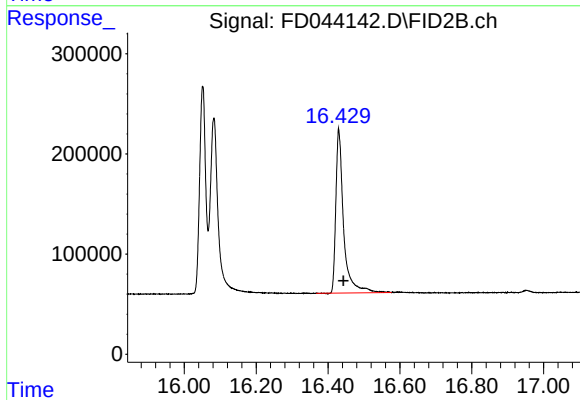
R.T.: 16.051 min
Delta R.T.: -0.007 min
Response: 2399156
Conc: 21.38 ug/ml



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

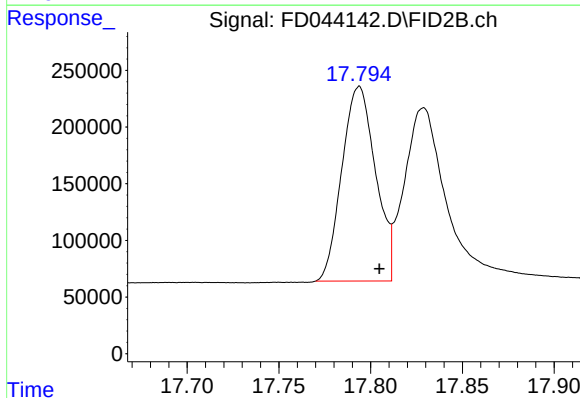
R.T.: 16.082 min
Delta R.T.: -0.007 min
Response: 2688590
Conc: 21.13 ug/ml

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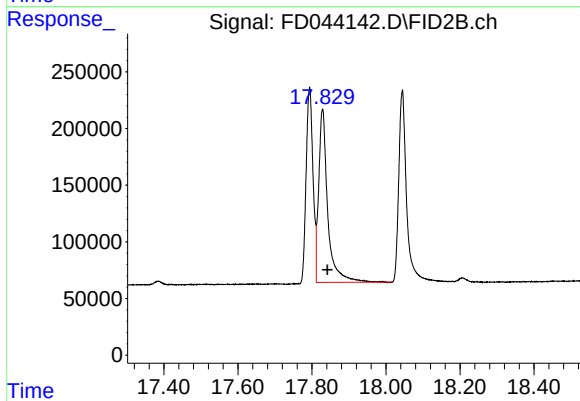
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.430 min
Delta R.T.: -0.013 min
Response: 2457683
Conc: 21.15 ug/ml



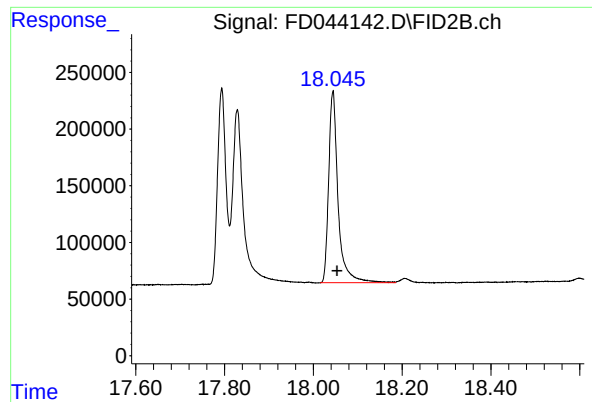
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.011 min
Response: 2195485
Conc: 20.59 ug/ml



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

R.T.: 17.829 min
Delta R.T.: -0.013 min
Response: 2602522
Conc: 21.04 ug/ml



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

R.T.: 18.044 min
Delta R.T.: -0.010 min
Response: 2492235
Conc: 21.23 ug/ml

Instrument :

FID_D

ClientSampleId :

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