

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071923AR\
 Data File : FD046139.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2023 00:26
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 20 03:10:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.506	3007469	20.120 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
6) S 2-Fluorobiphenyl (SURR)	8.360	1860649	19.876 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.75%
11) S ortho-Terphenyl (SURR)	11.398	3429320	19.637 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.319	3696594	20.289 ug/ml
2) T Naphthalene (C11.7)	5.846	3663461	20.283 ug/ml
3) T 2-Methylnaphthalene (...)	6.895	3561542	20.236 ug/ml
5) T Acenaphthylene (C15.06)	8.164	3040459	19.927 ug/ml
7) T Acenaphthene (C15.5)	8.459	3249696	19.929 ug/ml
8) T Fluorene (C16.55)	9.237	3013877	19.807 ug/ml
9) T Phenanthrene (C19.36)	10.626	2822326	19.600 ug/ml
10) T Anthracene (C19.43)	10.700	2550785	19.491 ug/ml
12) T Fluoranthene (C21.85)	12.429	2727289	19.518 ug/ml
13) T Pyrene (C20.8)	12.723	2706945	19.531 ug/ml
14) T Benzo[a]anthracene (C...	14.587	2555699	19.470 ug/ml
15) T Chrysene (C27.41)	14.629	2735978	19.404 ug/ml
16) T benzo[b]fluoranthene ...	16.128	2675525	19.563 ug/ml
17) T Bnezo[k]fluoranthene ...	16.160	2644003	19.289 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.503	2537624	19.492 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.859	2129139	17.702 ug/ml
20) T Dibenz[a,h]anthracene...	17.901	2202542	17.221 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	2303734	18.158 ug/ml

(f)=RT Delta > 1/2 Window

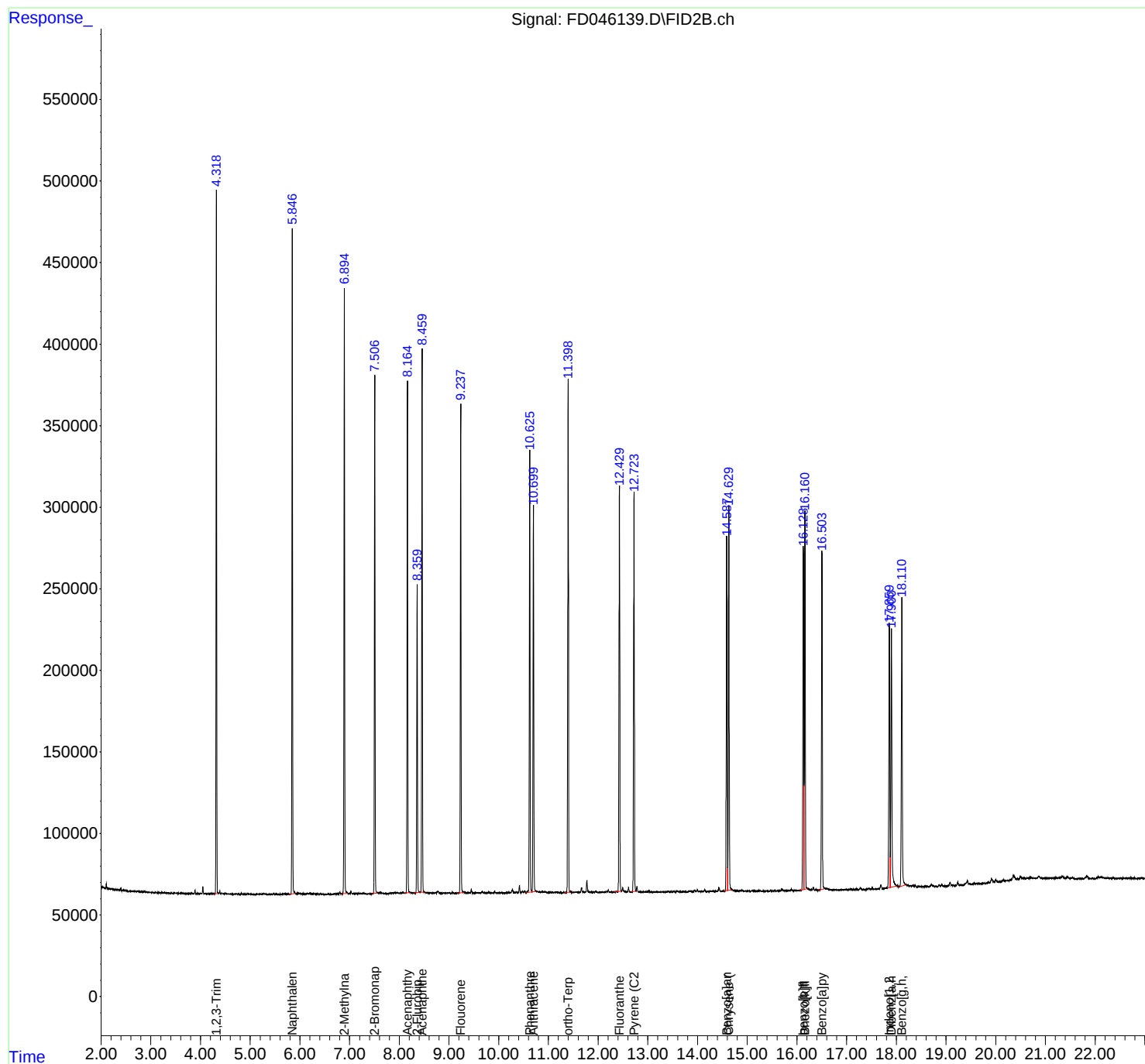
(m)=manual int.

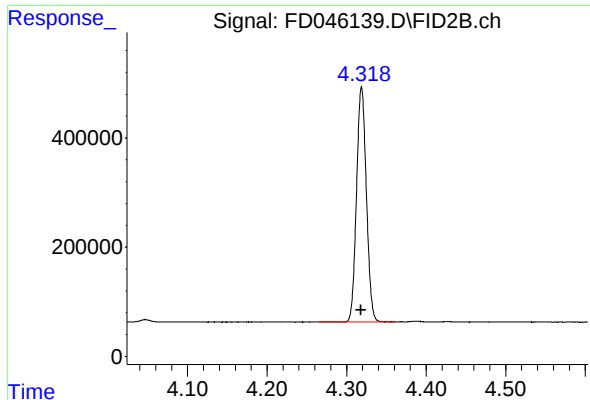
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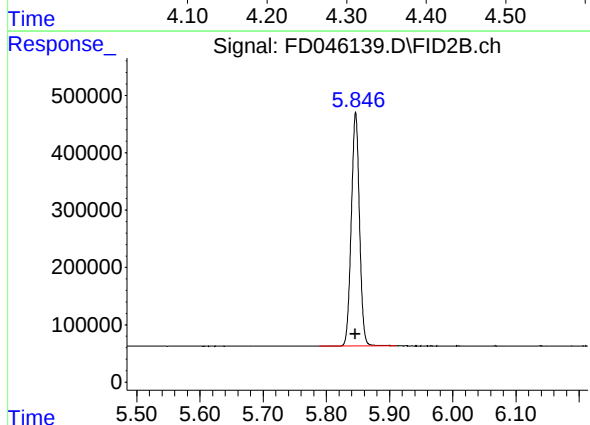




#1 1,2,3-Trimethylbenzene (C10.1)

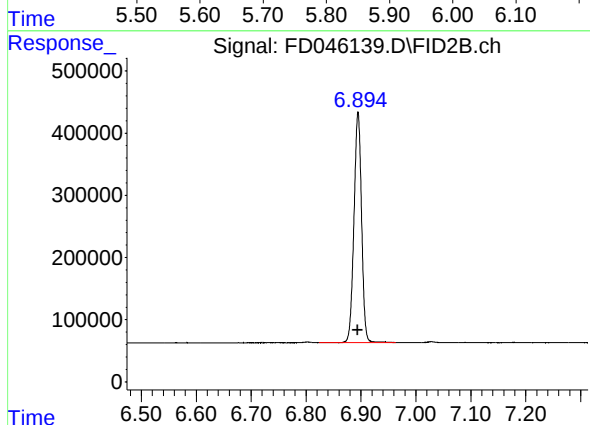
R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 3696594
Conc: 20.29 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



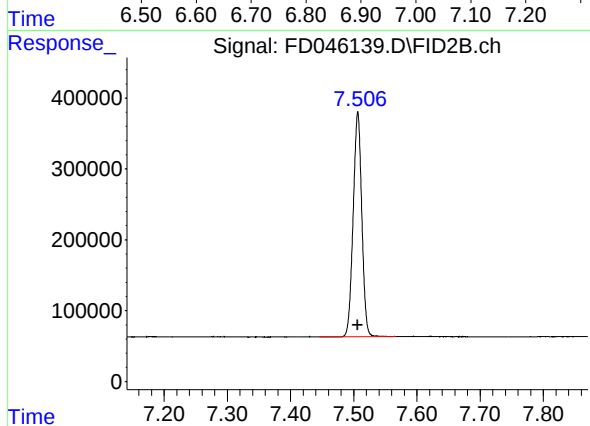
#2 Naphthalene (C11.7)

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 3663461
Conc: 20.28 ug/ml



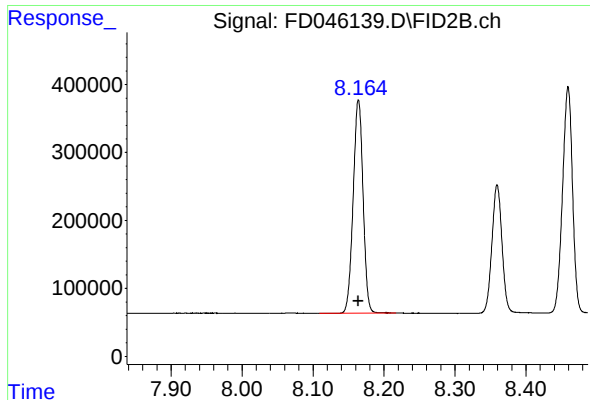
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 3561542
Conc: 20.24 ug/ml



#4 2-Bromonaphthalene (SURR)

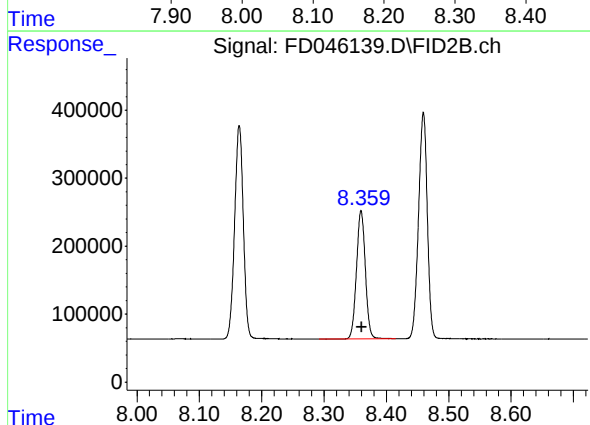
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 3007469
Conc: 20.12 ug/ml



#5 Acenaphthylene (C15.06)

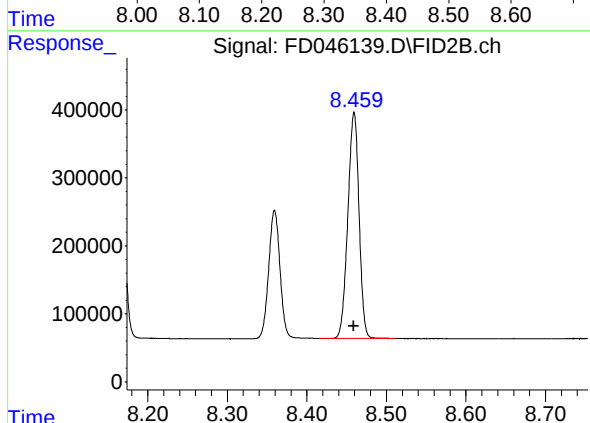
R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 3040459
Conc: 19.93 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



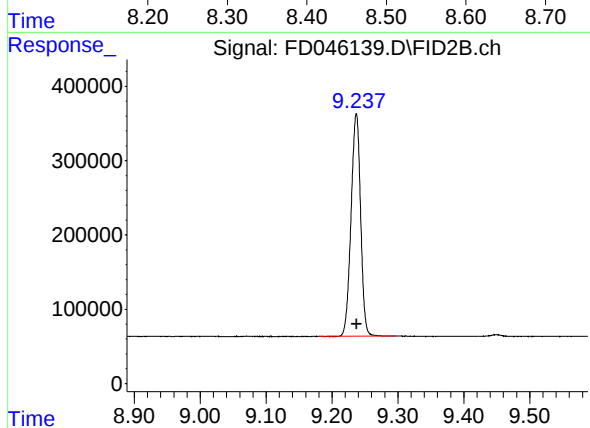
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 1860649
Conc: 19.88 ug/ml



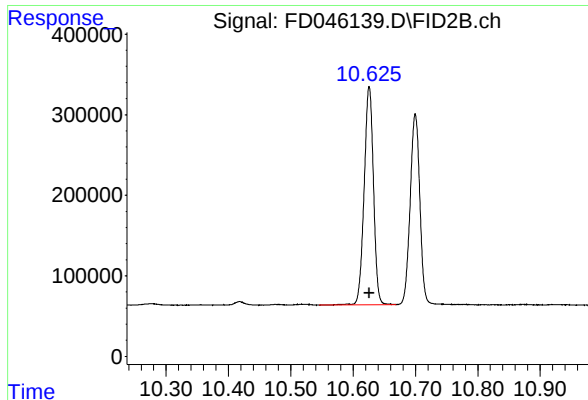
#7 Acenaphthene (C15.5)

R.T.: 8.459 min
Delta R.T.: 0.000 min
Response: 3249696
Conc: 19.93 ug/ml



#8 Flouorene (C16.55)

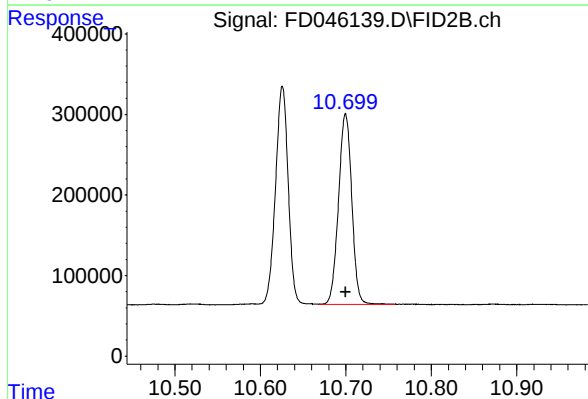
R.T.: 9.237 min
Delta R.T.: 0.000 min
Response: 3013877
Conc: 19.81 ug/ml



#9 Phenanthrene (C19.36)

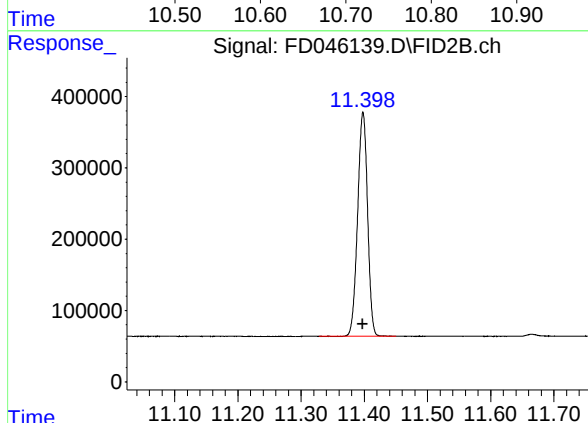
R.T.: 10.626 min
Delta R.T.: 0.000 min
Response: 2822326
Conc: 19.60 ug/ml

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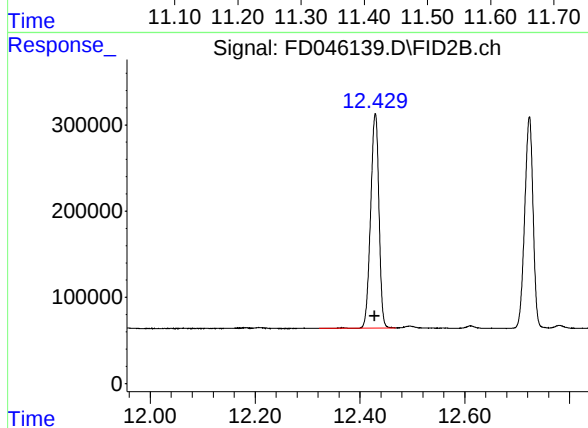
#10 Anthracene (C19.43)

R.T.: 10.700 min
Delta R.T.: 0.000 min
Response: 2550785
Conc: 19.49 ug/ml



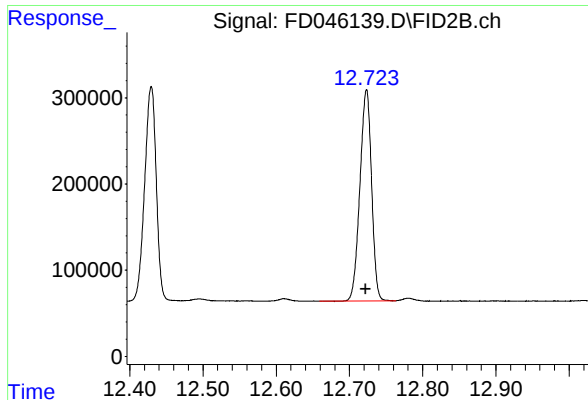
#11 ortho-Terphenyl (SURR)

R.T.: 11.398 min
Delta R.T.: 0.000 min
Response: 3429320
Conc: 19.64 ug/ml



#12 Fluoranthene (C21.85)

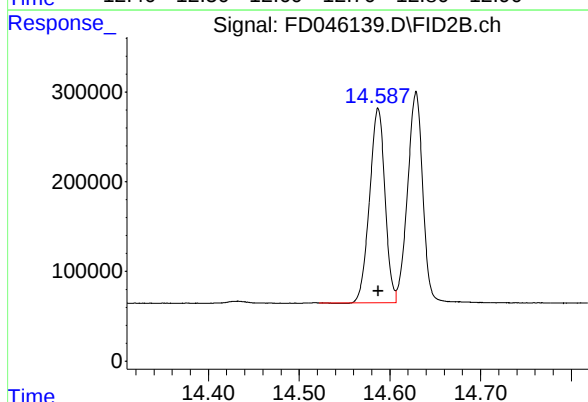
R.T.: 12.429 min
Delta R.T.: 0.000 min
Response: 2727289
Conc: 19.52 ug/ml



#13 Pyrene (C20.8)

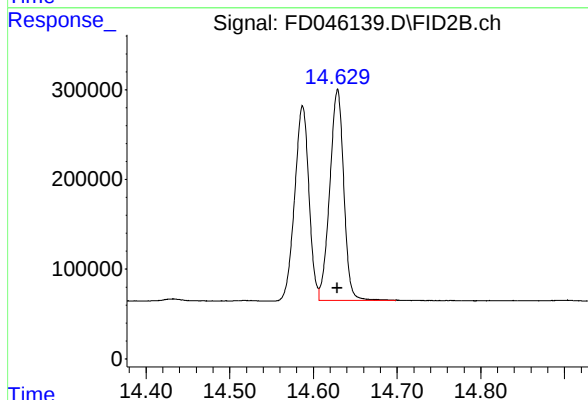
R.T.: 12.723 min
Delta R.T.: 0.000 min
Response: 2706945
Conc: 19.53 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



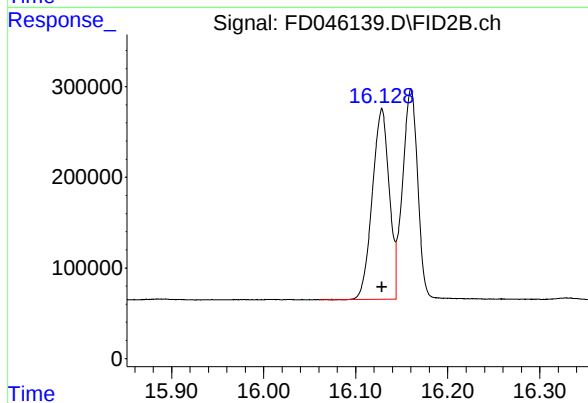
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.587 min
Delta R.T.: 0.000 min
Response: 2555699
Conc: 19.47 ug/ml



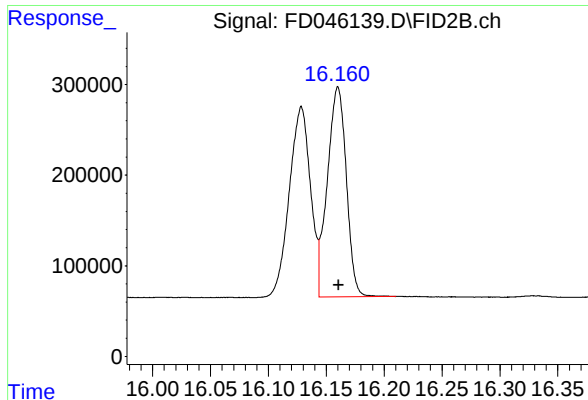
#15 Chrysene (C27.41)

R.T.: 14.629 min
Delta R.T.: 0.000 min
Response: 2735978
Conc: 19.40 ug/ml



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

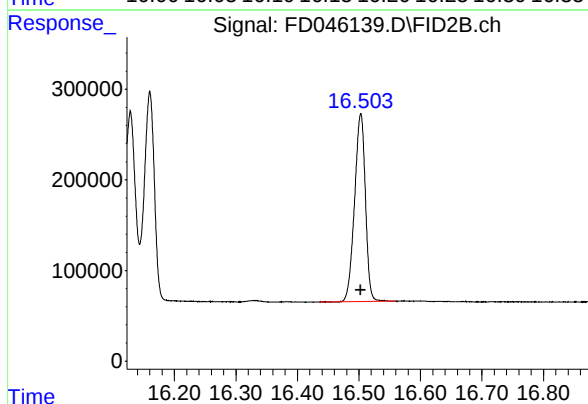
R.T.: 16.128 min
Delta R.T.: 0.000 min
Response: 2675525
Conc: 19.56 ug/ml



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

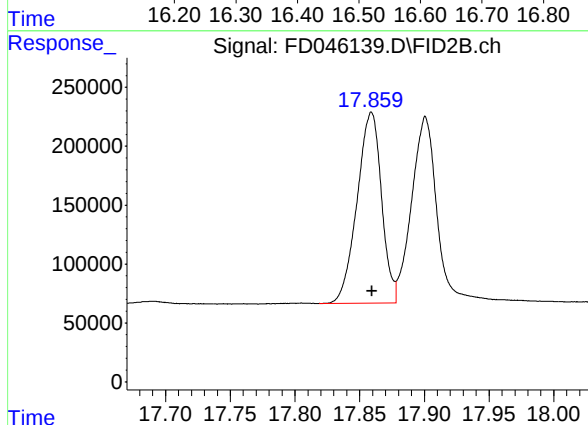
R.T.: 16.160 min
Delta R.T.: 0.000 min
Response: 2644003
Conc: 19.29 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



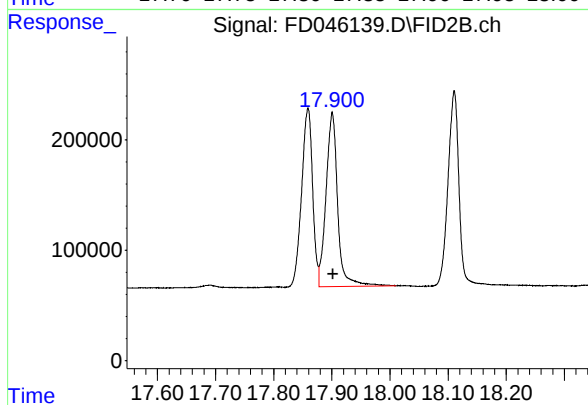
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.503 min
Delta R.T.: 0.000 min
Response: 2537624
Conc: 19.49 ug/ml



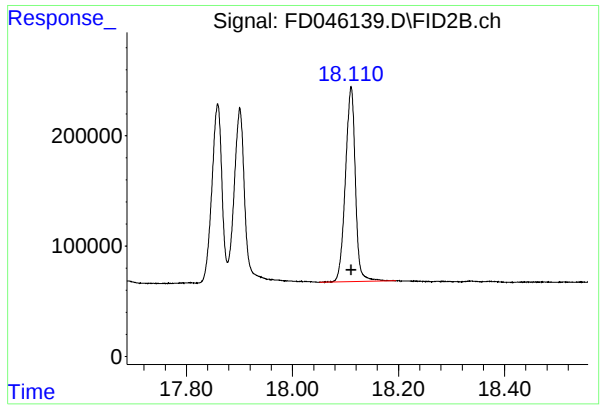
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.859 min
Delta R.T.: 0.000 min
Response: 2129139
Conc: 17.70 ug/ml



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

R.T.: 17.901 min
Delta R.T.: 0.000 min
Response: 2202542
Conc: 17.22 ug/ml



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

R.T.: 18.110 min
Delta R.T.: 0.000 min
Response: 2303734
Conc: 18.16 ug/ml

Instrument :

FID_D

ClientSampleId :

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