

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080823AR\
 Data File : FD046293.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2023 08:34
 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: Aug 09 01:39:57 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...	7.501	3480611	23.285 ug/ml
Spiked Amount 50.000		Recovery =	46.57%
6) S 2-Fluorobiphenyl (SURR)	8.355	2203298	23.536 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.07%
11) S ortho-Terphenyl (SURR)	11.393	4225822	24.197 ug/ml
Spiked Amount 50.000		Recovery =	48.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	4234832	23.243 ug/ml
2) T Naphthalene (C11.7)	5.841	4211321	23.317 ug/ml
3) T 2-Methylnaphthalene (...)	6.890	4084007	23.204 ug/ml
5) T Acenaphthylene (C15.06)	8.159	3516059	23.045 ug/ml
7) T Acenaphthene (C15.5)	8.454	3804445	23.331 ug/ml
8) T Flouorene (C16.55)	9.232	3540015	23.265 ug/ml
9) T Phenanthrene (C19.36)	10.622	3423762	23.777 ug/ml
10) T Anthracene (C19.43)	10.695	2785399	21.284 ug/ml
12) T Fluoranthene (C21.85)	12.424	3407780	24.388 ug/ml
13) T Pyrene (C20.8)	12.719	3347754	24.155 ug/ml
14) T Benzo[a]anthracene (C...	14.583	2952333	22.492 ug/ml
15) T Chrysene (C27.41)	14.625	3277738	23.246 ug/ml
16) T benzo[b]fluoranthene ...	16.125	3086871	22.571 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	3029411	22.101 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	2662460	20.451 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	1887235	15.691 ug/ml
20) T Dibenz[a,h]anthracene...	17.896	1982391	15.500 ug/ml
21) T Benzo[g,h,i]perylene ...	18.105	2128186	16.775 ug/ml

(f)=RT Delta > 1/2 Window

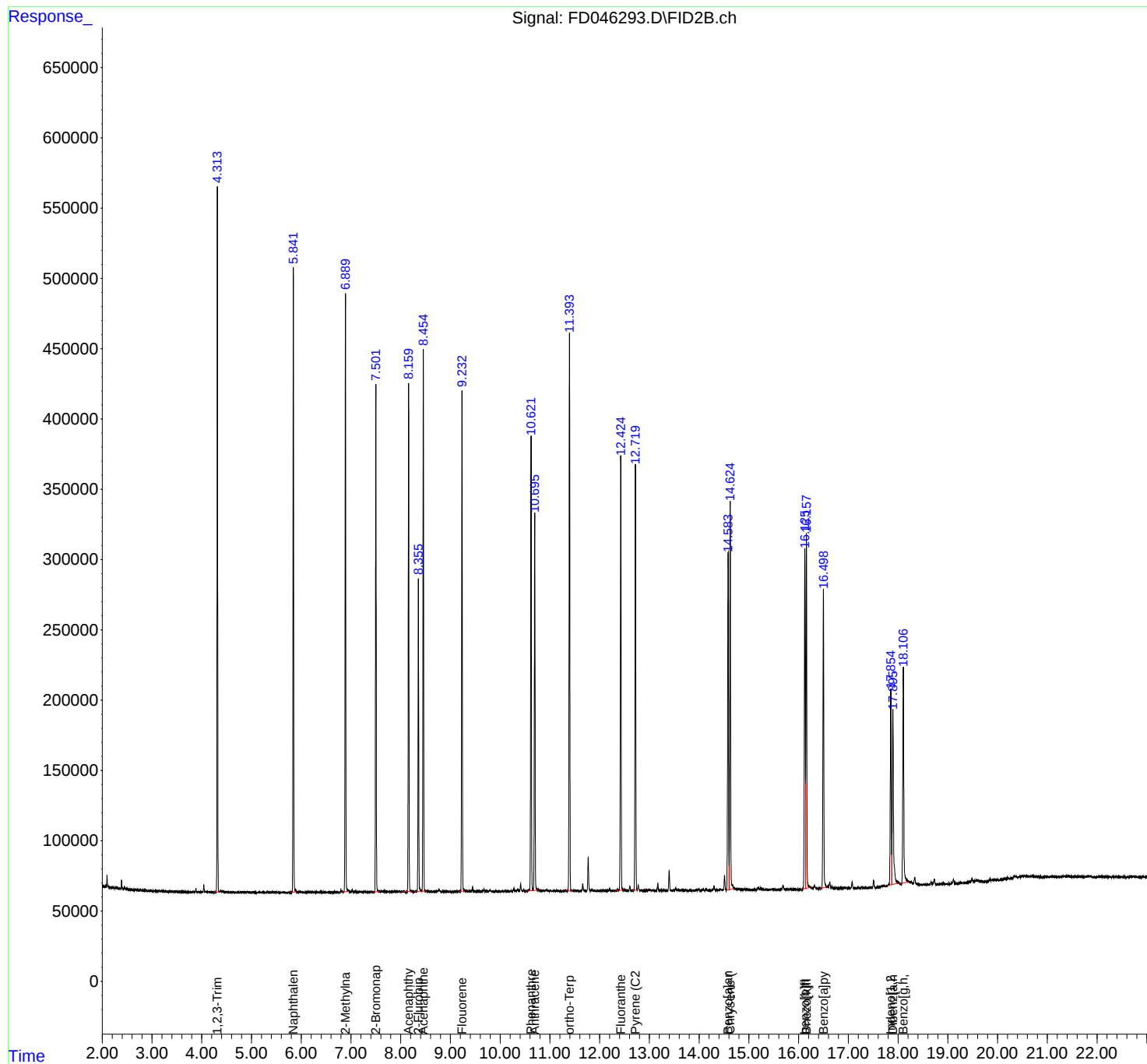
(m)=manual int.

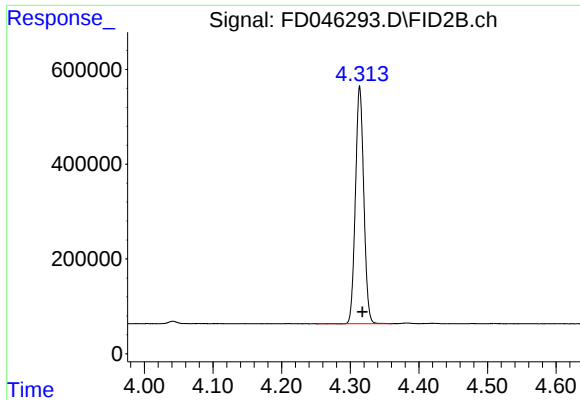
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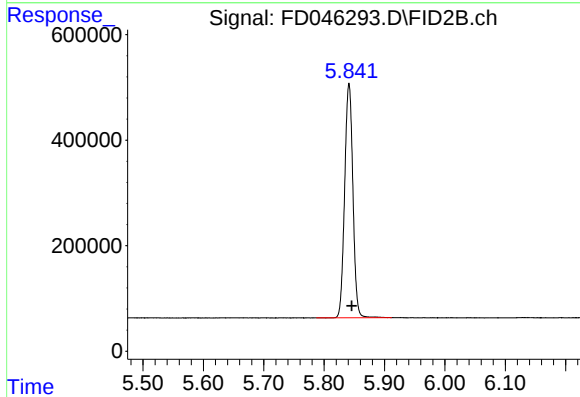




#1 1,2,3-Trimethylbenzene (C10.1)

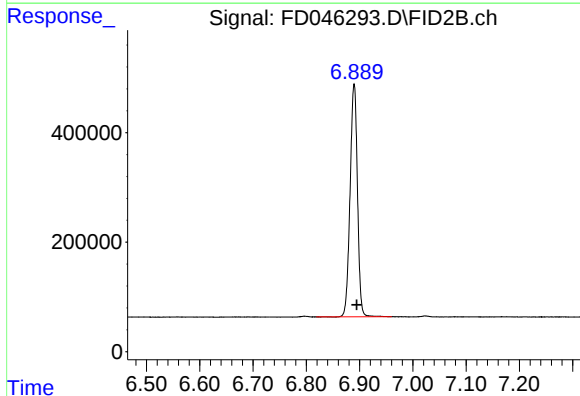
R.T.: 4.314 min
Delta R.T.: -0.004 min
Response: 4234832
Conc: 23.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



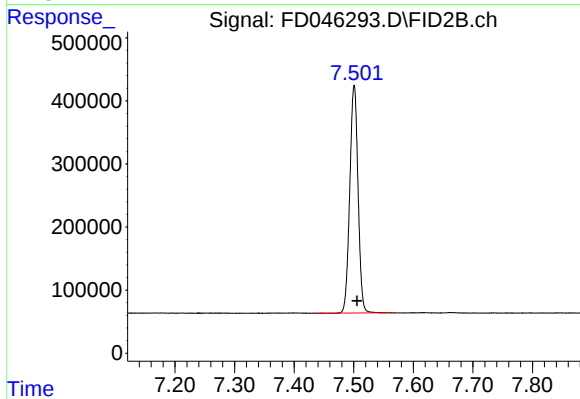
#2 Naphthalene (C11.7)

R.T.: 5.841 min
Delta R.T.: -0.005 min
Response: 4211321
Conc: 23.32 ug/ml



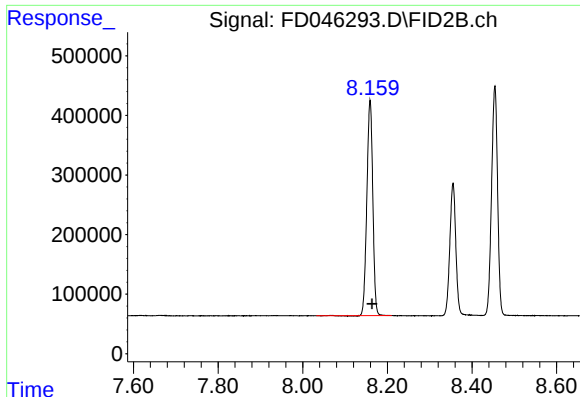
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.890 min
Delta R.T.: -0.005 min
Response: 4084007
Conc: 23.20 ug/ml



#4 2-Bromonaphthalene (SURR)

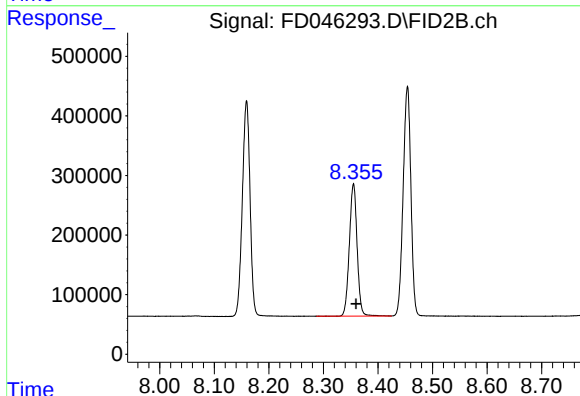
R.T.: 7.501 min
Delta R.T.: -0.005 min
Response: 3480611
Conc: 23.28 ug/ml



#5 Acenaphthylene (C15.06)

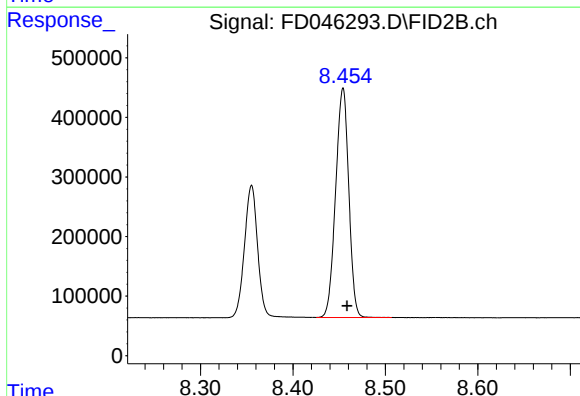
R.T.: 8.159 min
Delta R.T.: -0.005 min
Response: 3516059
Conc: 23.04 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



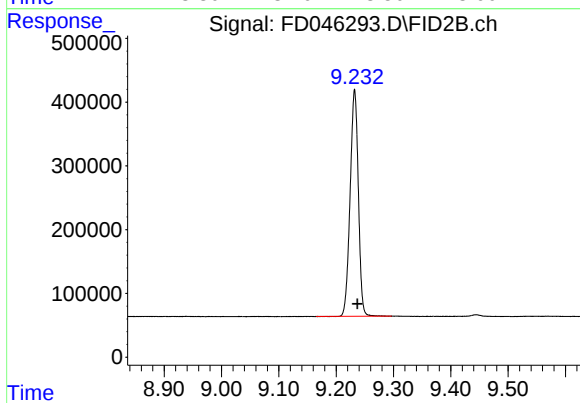
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.355 min
Delta R.T.: -0.005 min
Response: 2203298
Conc: 23.54 ug/ml



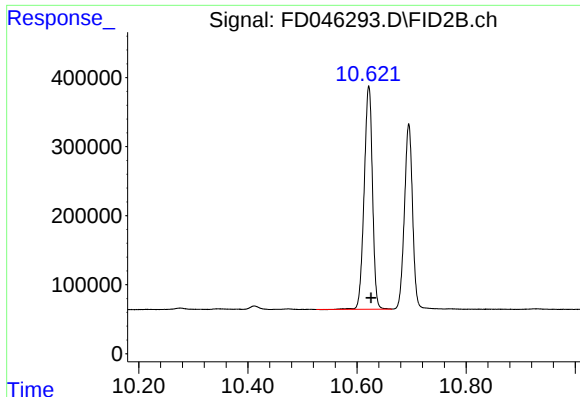
#7 Acenaphthene (C15.5)

R.T.: 8.454 min
Delta R.T.: -0.005 min
Response: 3804445
Conc: 23.33 ug/ml



#8 Fluorene (C16.55)

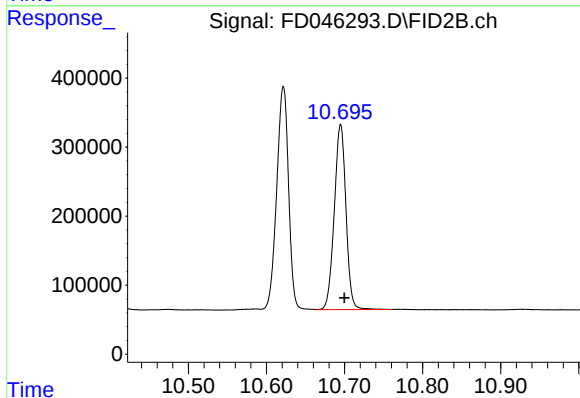
R.T.: 9.232 min
Delta R.T.: -0.005 min
Response: 3540015
Conc: 23.27 ug/ml



#9 Phenanthrene (C19.36)

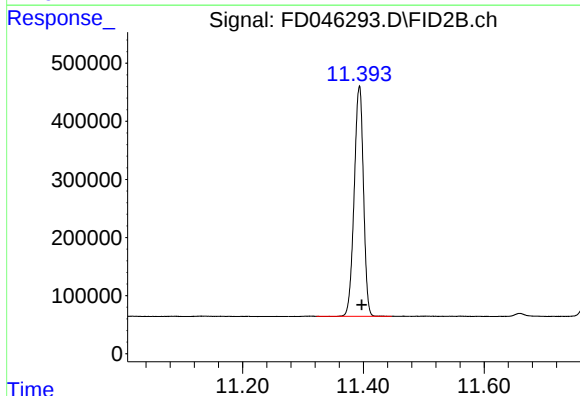
R.T.: 10.622 min
Delta R.T.: -0.004 min
Response: 3423762
Conc: 23.78 ug/ml

Instrument :
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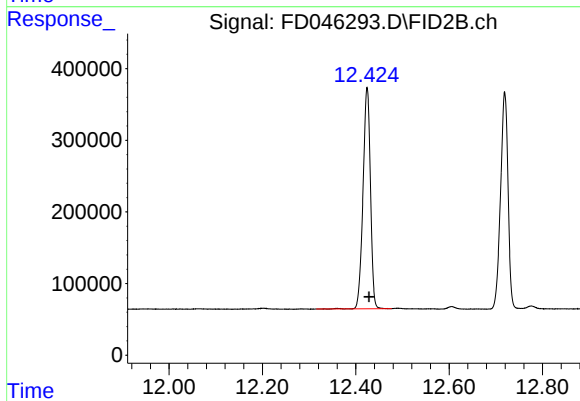
#10 Anthracene (C19.43)

R.T.: 10.695 min
Delta R.T.: -0.005 min
Response: 2785399
Conc: 21.28 ug/ml



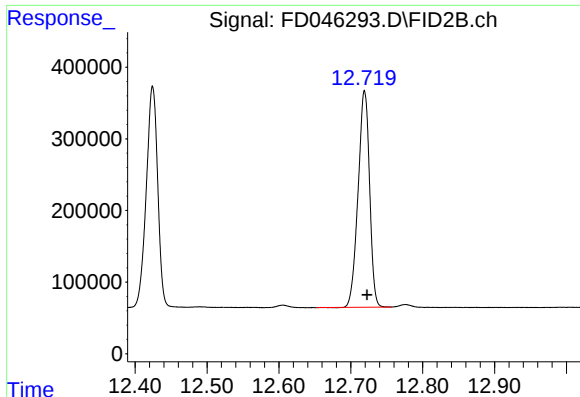
#11 ortho-Terphenyl (SURR)

R.T.: 11.393 min
Delta R.T.: -0.004 min
Response: 4225822
Conc: 24.20 ug/ml



#12 Fluoranthene (C21.85)

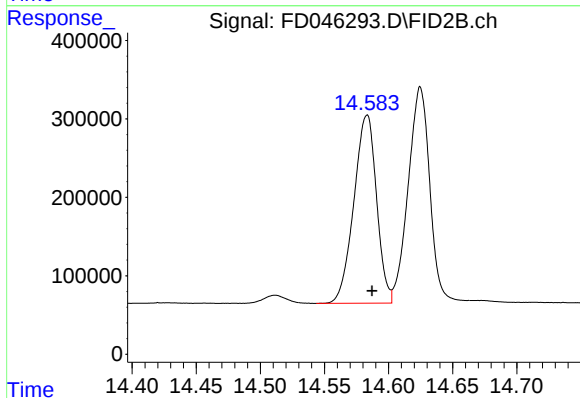
R.T.: 12.424 min
Delta R.T.: -0.004 min
Response: 3407780
Conc: 24.39 ug/ml



#13 Pyrene (C20.8)

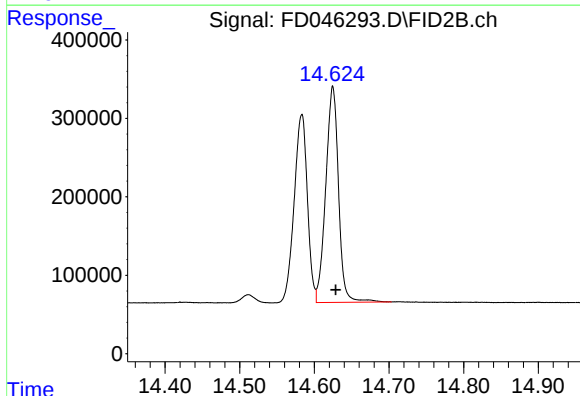
R.T.: 12.719 min
Delta R.T.: -0.003 min
Response: 3347754
Conc: 24.15 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



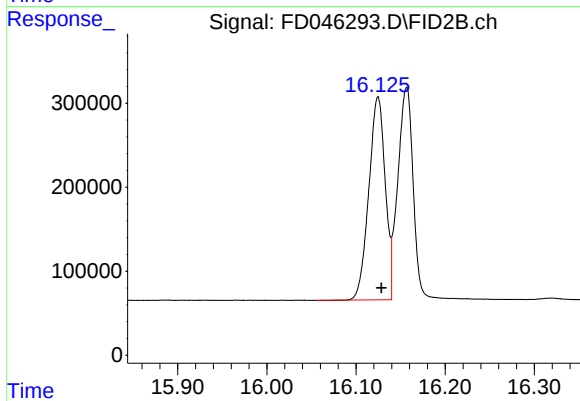
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.583 min
Delta R.T.: -0.004 min
Response: 2952333
Conc: 22.49 ug/ml



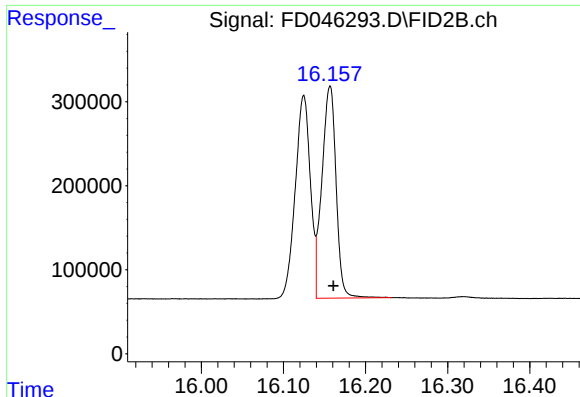
#15 Chrysene (C27.41)

R.T.: 14.625 min
Delta R.T.: -0.004 min
Response: 3277738
Conc: 23.25 ug/ml



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

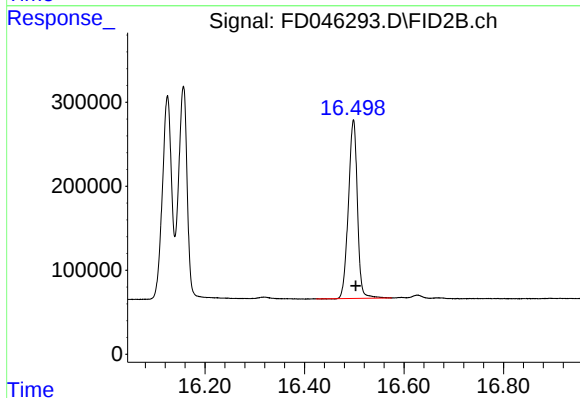
R.T.: 16.125 min
Delta R.T.: -0.004 min
Response: 3086871
Conc: 22.57 ug/ml



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

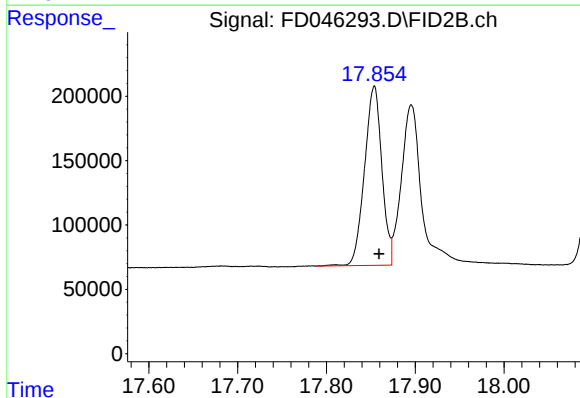
R.T.: 16.156 min
Delta R.T.: -0.004 min
Response: 3029411
Conc: 22.10 ug/ml

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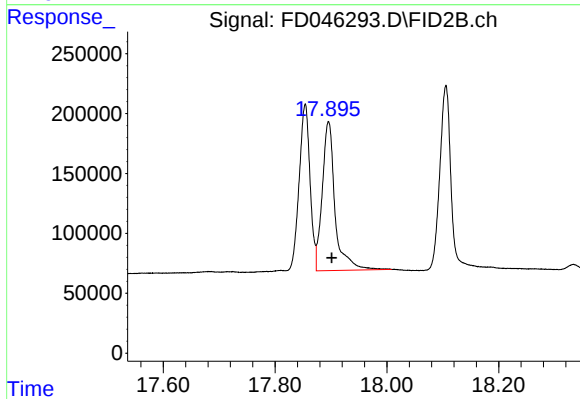
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.005 min
Response: 2662460
Conc: 20.45 ug/ml



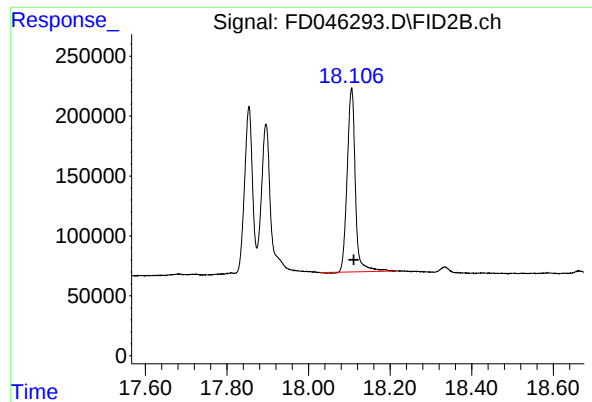
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: -0.006 min
Response: 1887235
Conc: 15.69 ug/ml



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

R.T.: 17.896 min
Delta R.T.: -0.006 min
Response: 1982391
Conc: 15.50 ug/ml



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

R.T.: 18.105 min
Delta R.T.: -0.006 min
Response: 2128186
Conc: 16.77 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD