

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060523AR\
 Data File : FD045786.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jun 2023 19:37
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 06 02:07:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.532	3927082	21.782 ug/ml
Spiked Amount 50.000		Recovery =	43.56%
6) S 2-Fluorobiphenyl (SURR)	8.387	2580472	21.463 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.93%
11) S ortho-Terphenyl (SURR)	11.426	4768983	21.350 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.340	4477196	22.178 ug/ml
2) T Naphthalene (C11.7)	5.871	4611616	21.764 ug/ml
3) T 2-Methylnaphthalene (...)	6.920	4592020	21.742 ug/ml
5) T Acenaphthylene (C15.06)	8.191	4127686	21.786 ug/ml
7) T Acenaphthene (C15.5)	8.486	4374735	21.638 ug/ml
8) T Fluorene (C16.55)	9.265	4256441	21.483 ug/ml
9) T Phenanthrene (C19.36)	10.655	4026150	21.045 ug/ml
10) T Anthracene (C19.43)	10.728	3487727	20.474 ug/ml
12) T Fluoranthene (C21.85)	12.458	3829146	20.726 ug/ml
13) T Pyrene (C20.8)	12.752	3704552	20.742 ug/ml
14) T Benzo[a]anthracene (C...	14.616	3108825	19.856 ug/ml
15) T Chrysene (C27.41)	14.658	3260148	19.761 ug/ml
16) T benzo[b]fluoranthene ...	16.157	3048383	20.142 ug/ml
17) T Bnezo[k]fluoranthene ...	16.190	3020746	19.511 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.532	2985463	20.415 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.890	2982279	20.362 ug/ml
20) T Dibenz[a,h]anthracene...	17.932	3066252	20.439 ug/ml
21) T Benzo[g,h,i]perylene ...	18.143	3081217	20.882 ug/ml

(f)=RT Delta > 1/2 Window

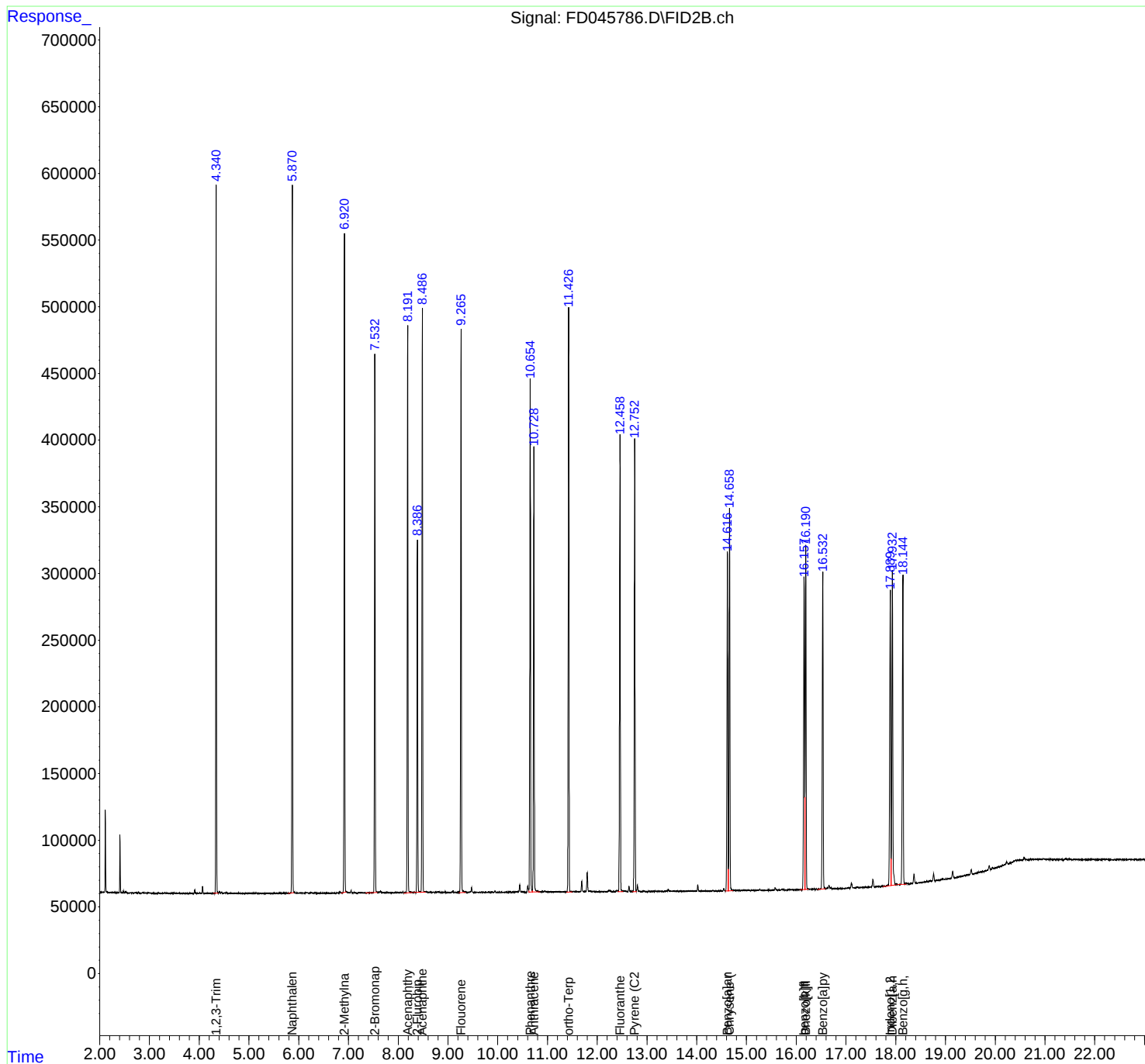
(m)=manual int.

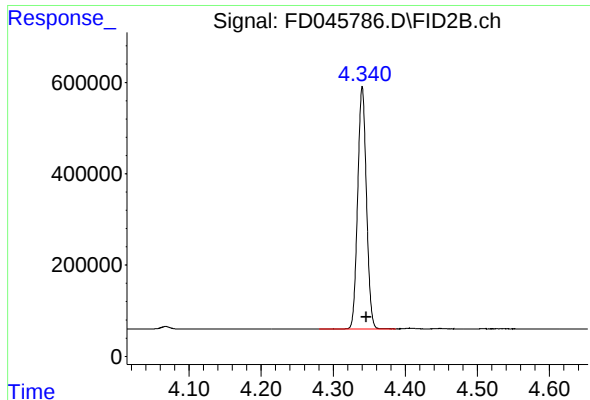
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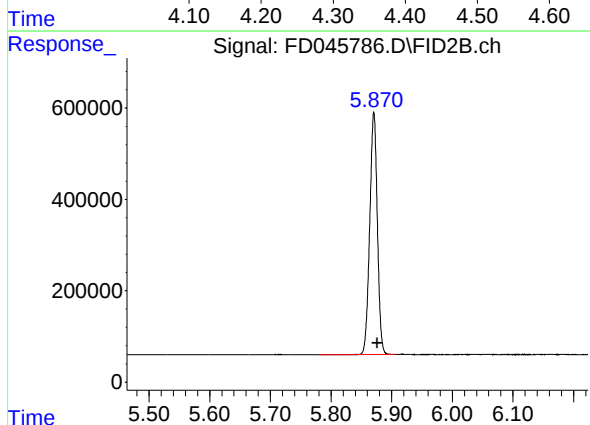




#1 1,2,3-Trimethylbenzene (C10.1)

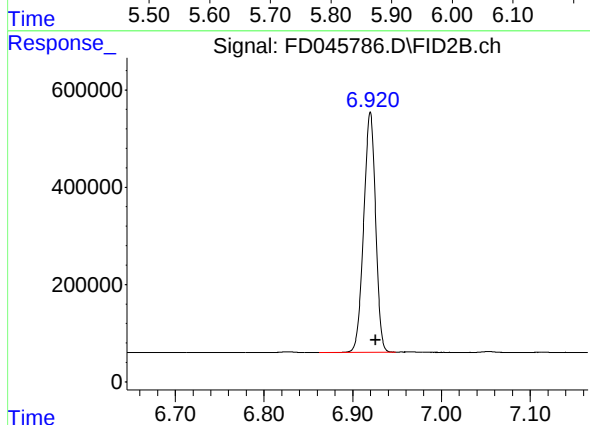
R.T.: 4.340 min
Delta R.T.: -0.006 min
Response: 4477196
Conc: 22.18 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



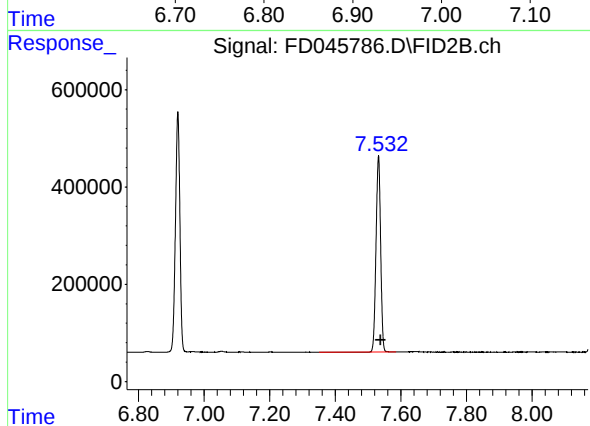
#2 Naphthalene (C11.7)

R.T.: 5.871 min
Delta R.T.: -0.006 min
Response: 4611616
Conc: 21.76 ug/ml



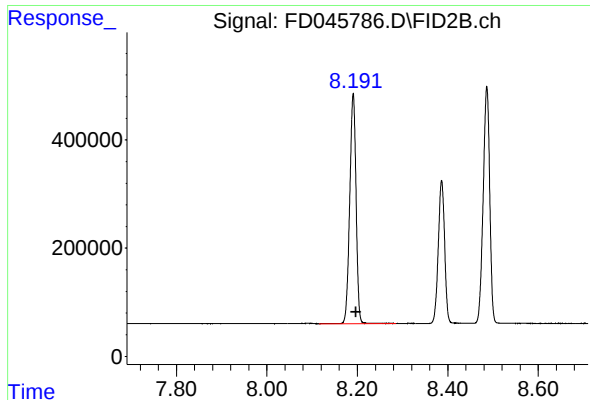
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.920 min
Delta R.T.: -0.006 min
Response: 4592020
Conc: 21.74 ug/ml



#4 2-Bromonaphthalene (SURR)

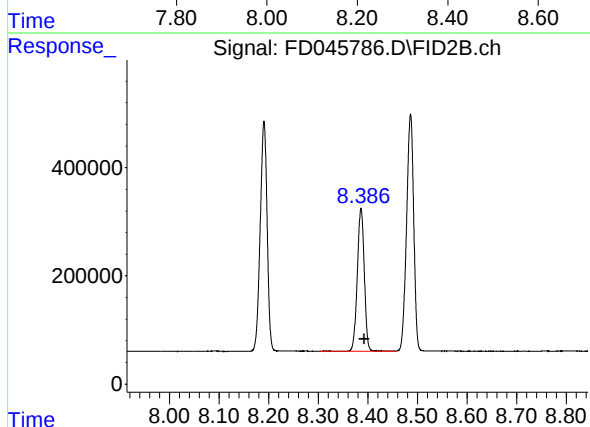
R.T.: 7.532 min
Delta R.T.: -0.006 min
Response: 3927082
Conc: 21.78 ug/ml



#5 Acenaphthylene (C15.06)

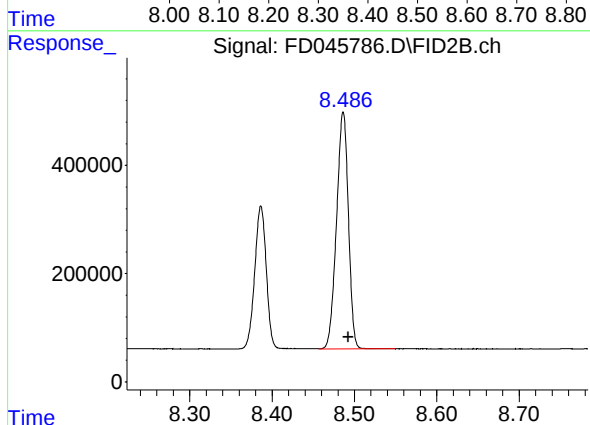
R.T.: 8.191 min
Delta R.T.: -0.006 min
Response: 4127686
Conc: 21.79 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



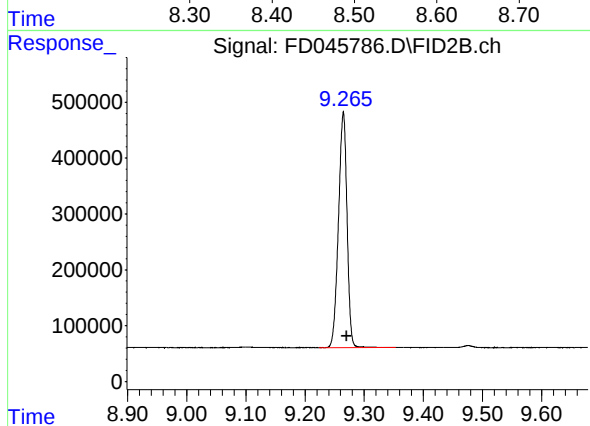
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.387 min
Delta R.T.: -0.006 min
Response: 2580472
Conc: 21.46 ug/ml



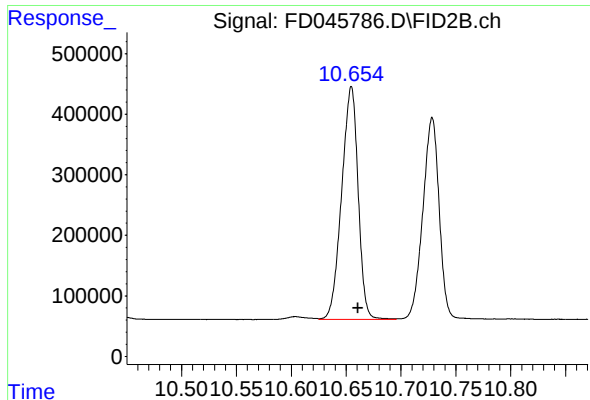
#7 Acenaphthene (C15.5)

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 4374735
Conc: 21.64 ug/ml



#8 Flouorene (C16.55)

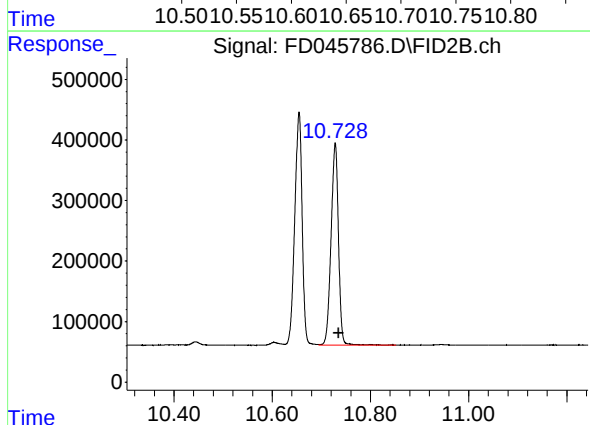
R.T.: 9.265 min
Delta R.T.: -0.006 min
Response: 4256441
Conc: 21.48 ug/ml



#9 Phenanthrene (C19.36)

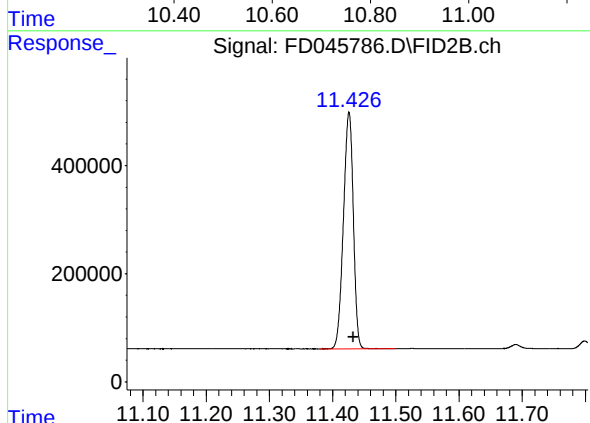
R.T.: 10.655 min
Delta R.T.: -0.007 min
Response: 4026150
Conc: 21.05 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



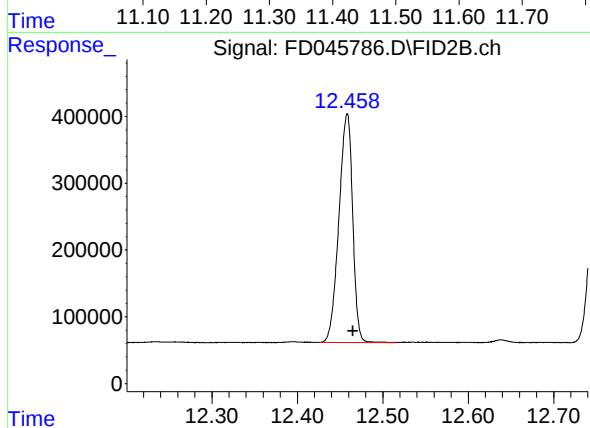
#10 Anthracene (C19.43)

R.T.: 10.728 min
Delta R.T.: -0.007 min
Response: 3487727
Conc: 20.47 ug/ml



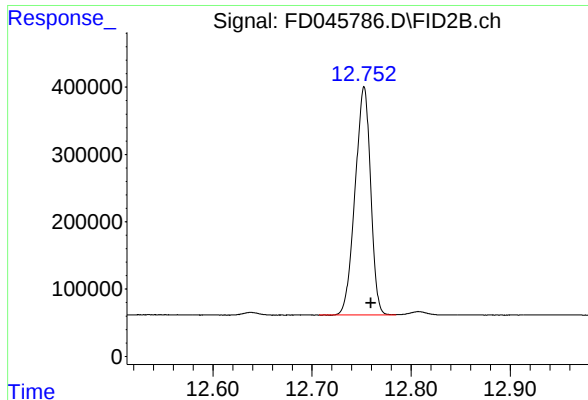
#11 ortho-Terphenyl (SURR)

R.T.: 11.426 min
Delta R.T.: -0.007 min
Response: 4768983
Conc: 21.35 ug/ml



#12 Fluoranthene (C21.85)

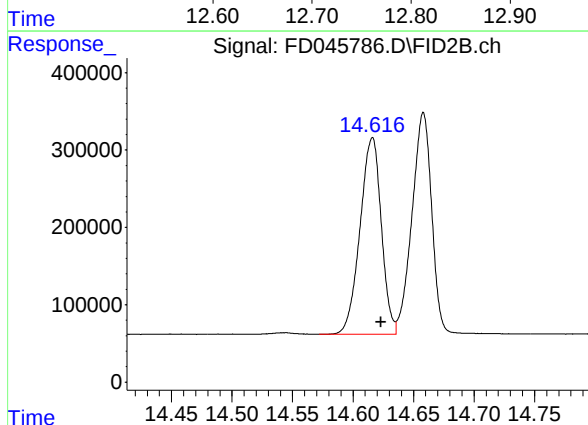
R.T.: 12.458 min
Delta R.T.: -0.007 min
Response: 3829146
Conc: 20.73 ug/ml



#13 Pyrene (C20.8)

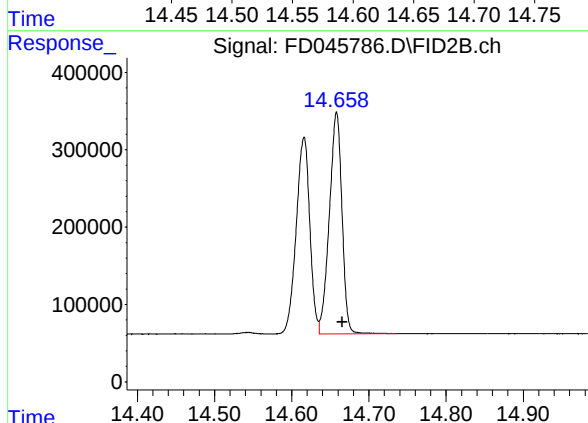
R.T.: 12.752 min
Delta R.T.: -0.007 min
Response: 3704552
Conc: 20.74 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



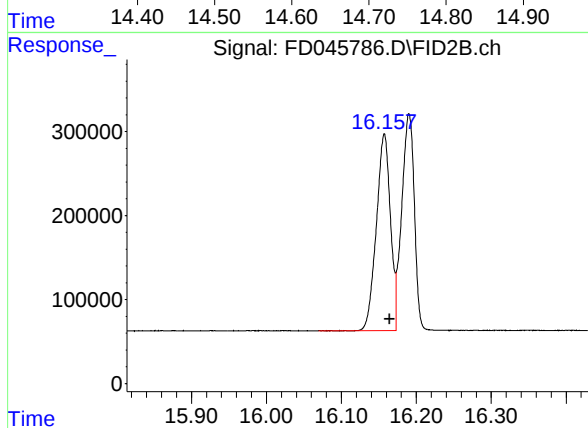
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.616 min
Delta R.T.: -0.007 min
Response: 3108825
Conc: 19.86 ug/ml



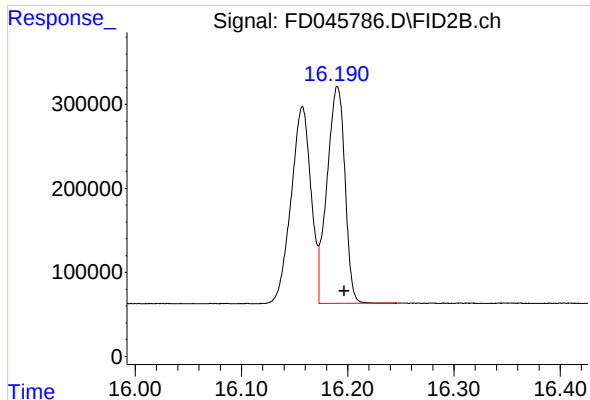
#15 Chrysene (C27.41)

R.T.: 14.658 min
Delta R.T.: -0.008 min
Response: 3260148
Conc: 19.76 ug/ml



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

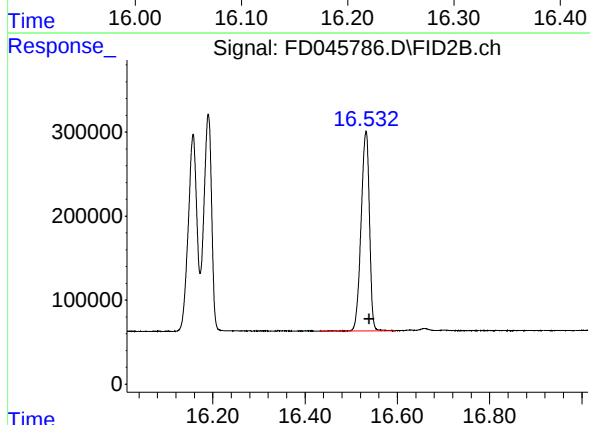
R.T.: 16.157 min
Delta R.T.: -0.007 min
Response: 3048383
Conc: 20.14 ug/ml



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

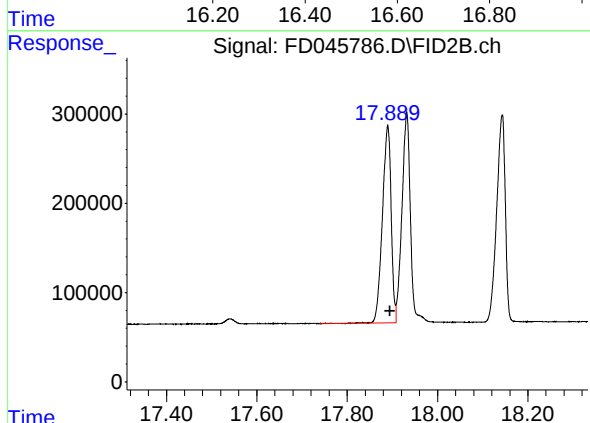
R.T.: 16.190 min
Delta R.T.: -0.007 min
Response: 3020746
Conc: 19.51 ug/ml

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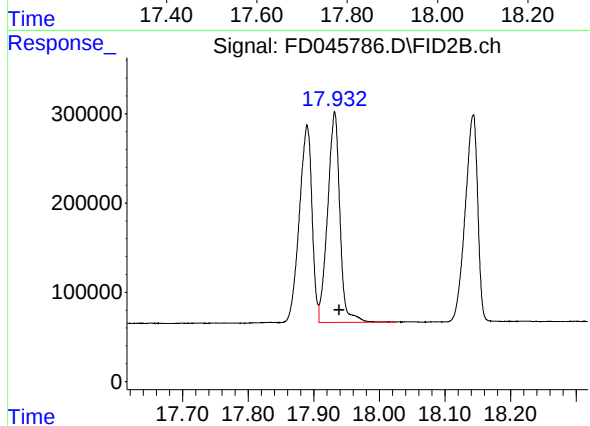
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.532 min
Delta R.T.: -0.007 min
Response: 2985463
Conc: 20.42 ug/ml



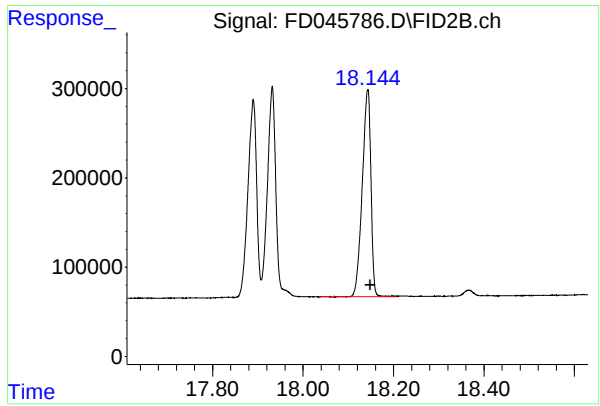
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.890 min
Delta R.T.: -0.005 min
Response: 2982279
Conc: 20.36 ug/ml



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

R.T.: 17.932 min
Delta R.T.: -0.007 min
Response: 3066252
Conc: 20.44 ug/ml



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

R.T.: 18.143 min
Delta R.T.: -0.006 min
Response: 3081217
Conc: 20.88 ug/ml

Instrument :

FID_D

ClientSampleId :

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