

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013123AR\
 Data File : FD044930.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2023 10:19
 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: Jan 31 12:47:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.555	3230099	22.024 ug/ml
Spiked Amount 50.000		Recovery =	44.05%
6) S 2-Fluorobiphenyl (SURR)	8.411	2188238	21.923 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.85%
11) S ortho-Terphenyl (SURR)	11.452	4087074	21.990 ug/ml
Spiked Amount 50.000		Recovery =	43.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	3524755	22.081 ug/ml
2) T Naphthalene (C11.7)	5.896	3727235	21.998 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	3745154	21.830 ug/ml
5) T Acenaphthylene (C15.06)	8.215	3439510	21.888 ug/ml
7) T Acenaphthene (C15.5)	8.511	3658600	22.004 ug/ml
8) T Fluorene (C16.55)	9.289	3584349	21.838 ug/ml
9) T Phenanthrene (C19.36)	10.680	3519368	21.767 ug/ml
10) T Anthracene (C19.43)	10.754	2995417	20.206 ug/ml
12) T Fluoranthene (C21.85)	12.486	3511470	21.941 ug/ml
13) T Pyrene (C20.8)	12.782	3423467	21.817 ug/ml
14) T Benzo[a]anthracene (C...	14.647	3036667	21.277 ug/ml
15) T Chrysene (C27.41)	14.690	3217982	21.734 ug/ml
16) T benzo[b]fluoranthene ...	16.191	3105017	21.404 ug/ml
17) T Bnezo[k]fluoranthene ...	16.224	3174967	22.269 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.567	2943965	21.068 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.924	2955431	21.962 ug/ml
20) T Dibenz[a,h]anthracene...	17.965	2955960	22.306 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	2969308	21.838 ug/ml

(f)=RT Delta > 1/2 Window

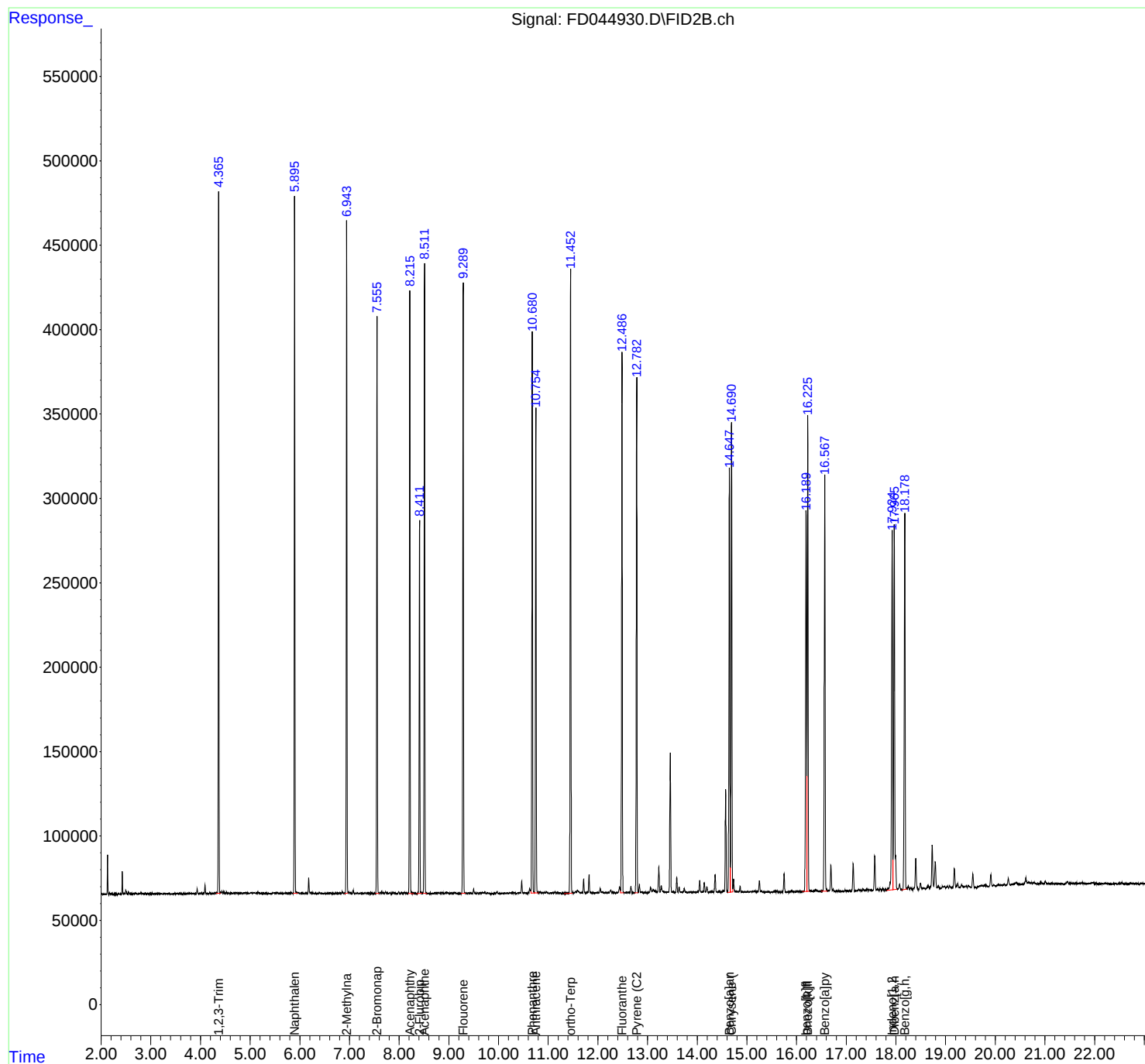
(m)=manual int.

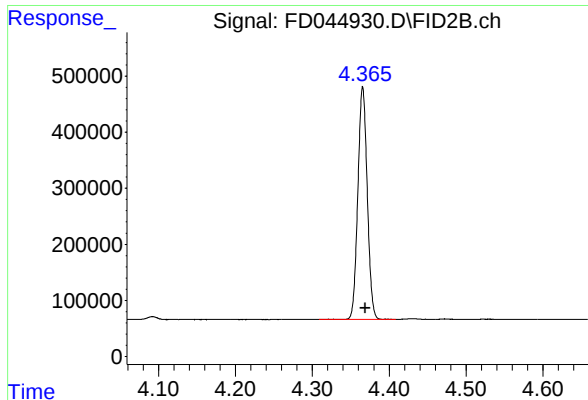
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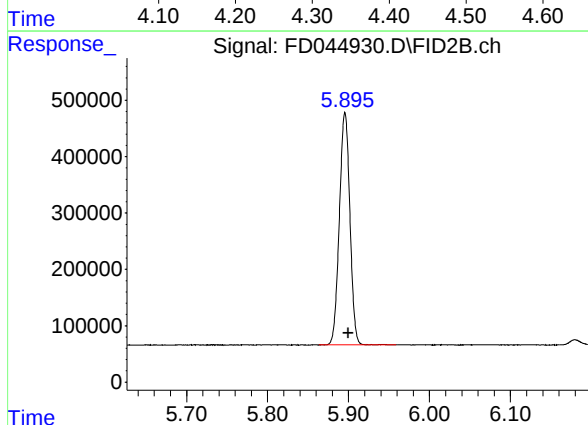




#1 1,2,3-Trimethylbenzene (C10.1)

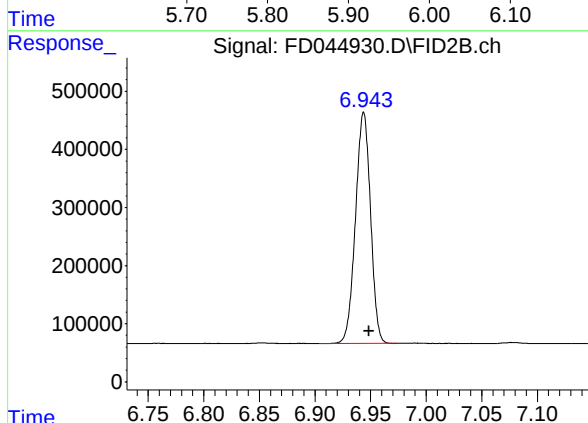
R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 3524755
Conc: 22.08 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



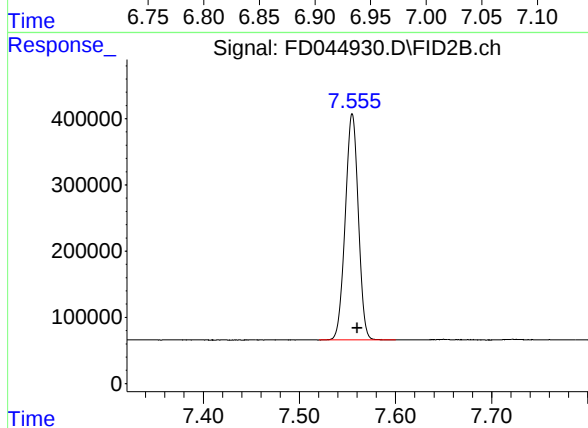
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 3727235
Conc: 22.00 ug/ml



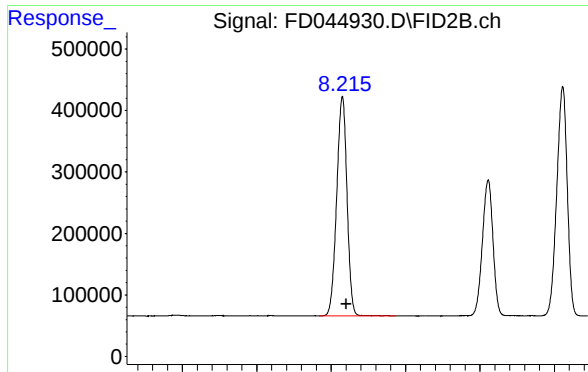
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 3745154
Conc: 21.83 ug/ml



#4 2-Bromonaphthalene (SURR)

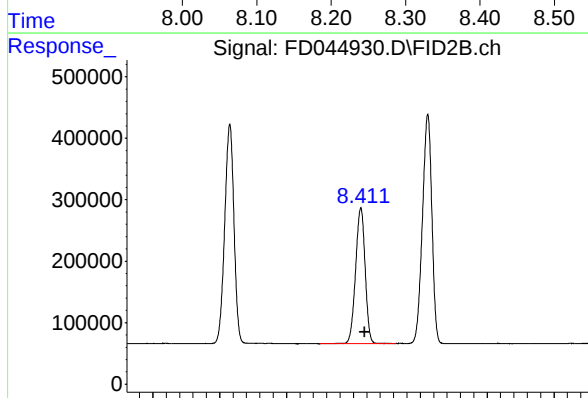
R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 3230099
Conc: 22.02 ug/ml



#5 Acenaphthylene (C15.06)

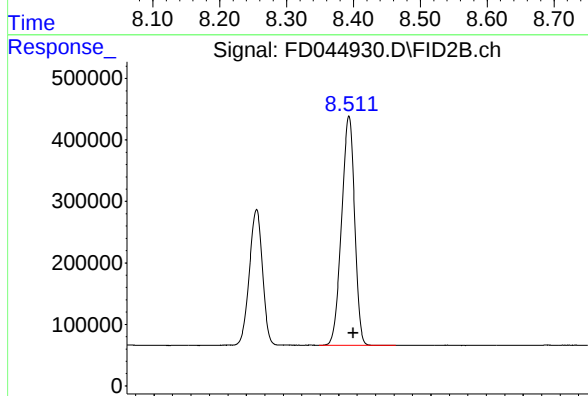
R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 3439510
Conc: 21.89 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



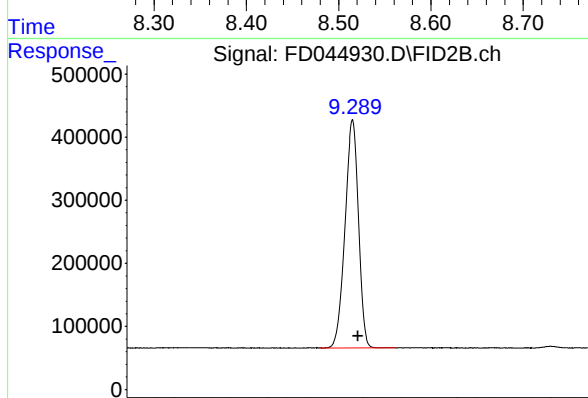
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.006 min
Response: 2188238
Conc: 21.92 ug/ml



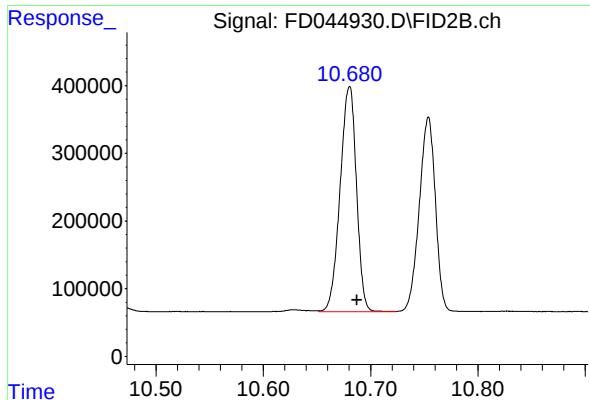
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: -0.005 min
Response: 3658600
Conc: 22.00 ug/ml



#8 Flouorene (C16.55)

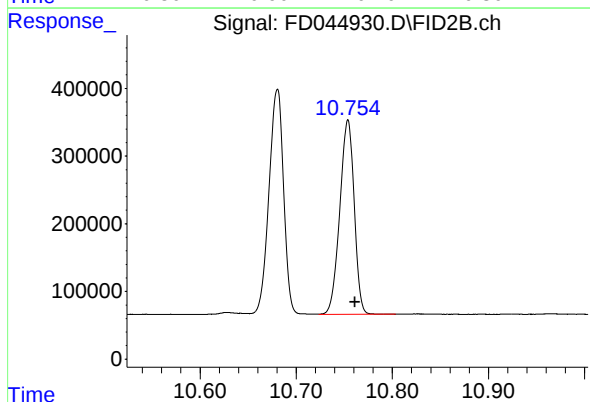
R.T.: 9.289 min
Delta R.T.: -0.006 min
Response: 3584349
Conc: 21.84 ug/ml



#9 Phenanthrene (C19.36)

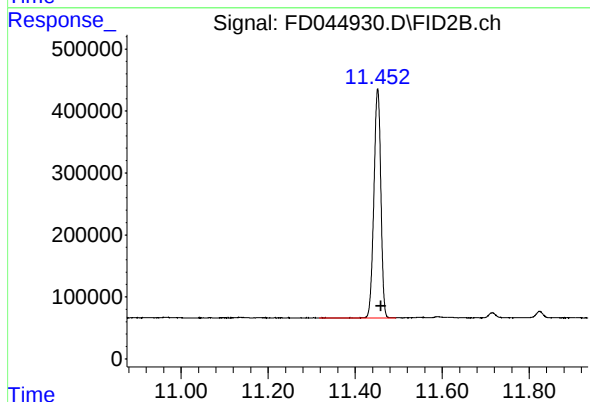
R.T.: 10.680 min
Delta R.T.: -0.007 min
Response: 3519368
Conc: 21.77 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



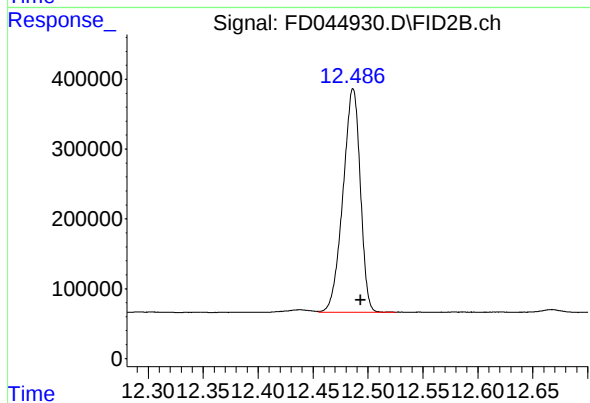
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: -0.007 min
Response: 2995417
Conc: 20.21 ug/ml



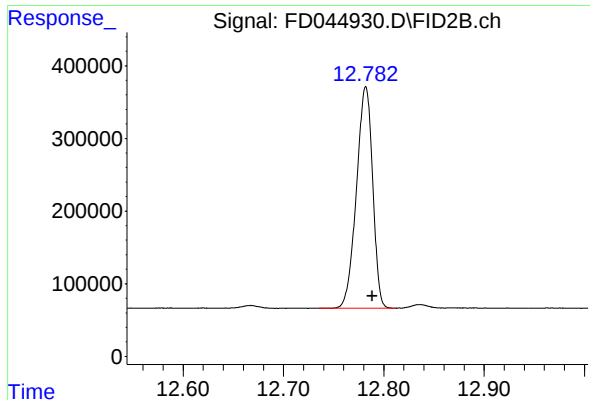
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.007 min
Response: 4087074
Conc: 21.99 ug/ml



#12 Fluoranthene (C21.85)

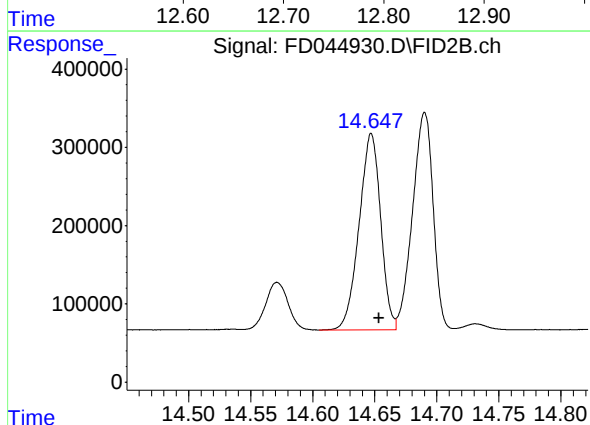
R.T.: 12.486 min
Delta R.T.: -0.007 min
Response: 3511470
Conc: 21.94 ug/ml



#13 Pyrene (C20.8)

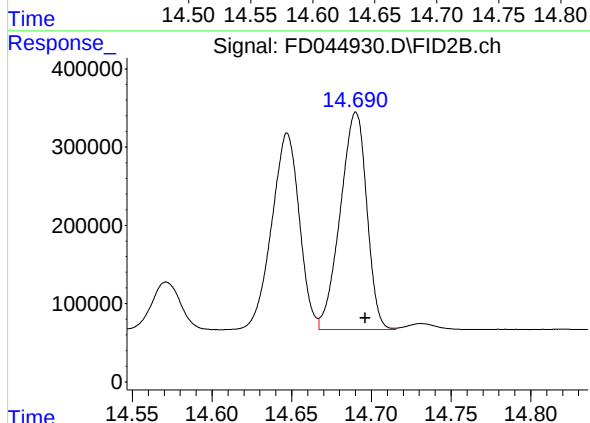
R.T.: 12.782 min
Delta R.T.: -0.007 min
Response: 3423467
Conc: 21.82 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



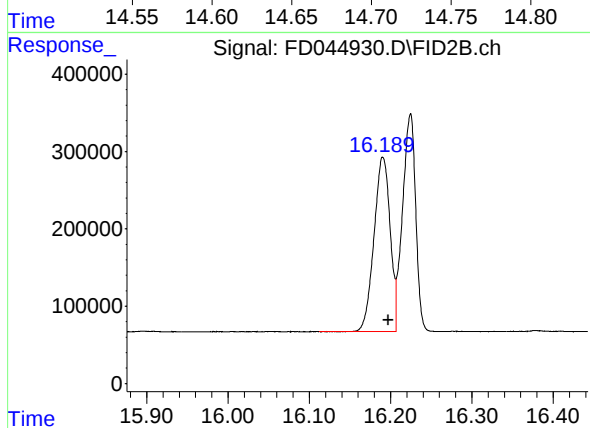
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.647 min
Delta R.T.: -0.006 min
Response: 3036667
Conc: 21.28 ug/ml



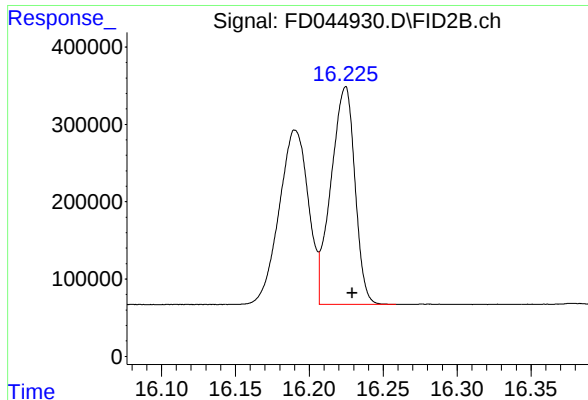
#15 Chrysene (C27.41)

R.T.: 14.690 min
Delta R.T.: -0.006 min
Response: 3217982
Conc: 21.73 ug/ml



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

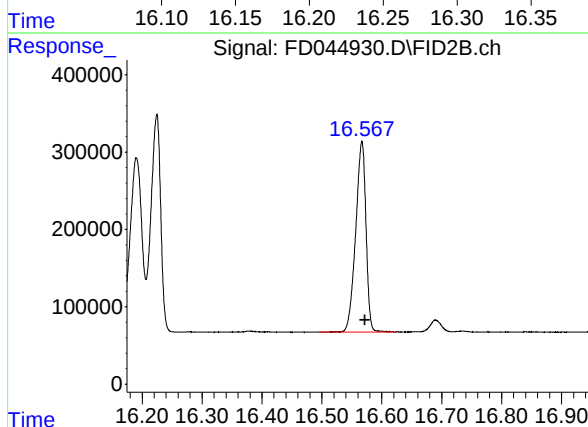
R.T.: 16.191 min
Delta R.T.: -0.006 min
Response: 3105017
Conc: 21.40 ug/ml



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

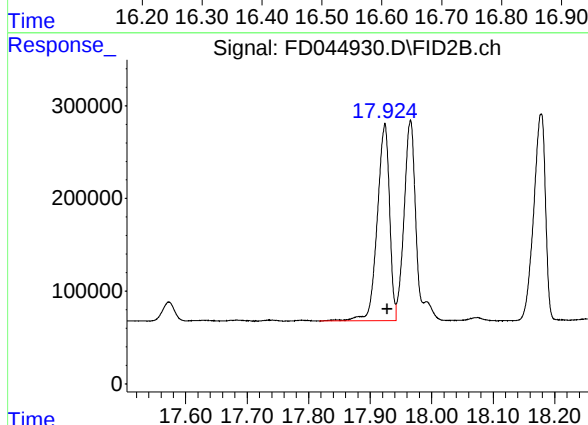
R.T.: 16.224 min
Delta R.T.: -0.005 min
Response: 3174967
Conc: 22.27 ug/ml

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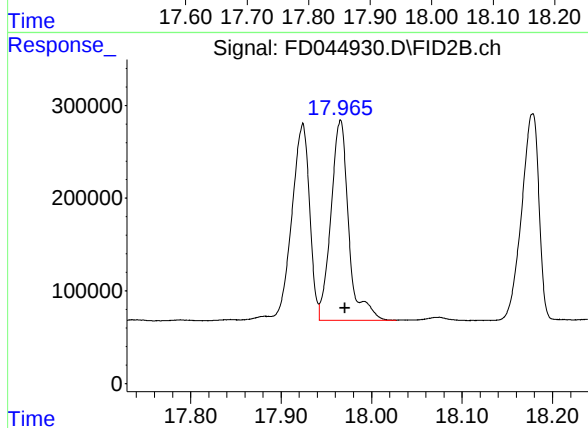
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min
Delta R.T.: -0.005 min
Response: 2943965
Conc: 21.07 ug/ml



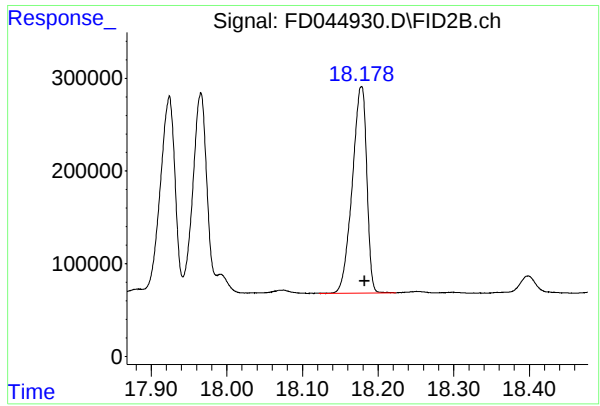
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.924 min
Delta R.T.: -0.004 min
Response: 2955431
Conc: 21.96 ug/ml



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

R.T.: 17.965 min
Delta R.T.: -0.005 min
Response: 2955960
Conc: 22.31 ug/ml



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

R.T.: 18.178 min
Delta R.T.: -0.005 min
Response: 2969308
Conc: 21.84 ug/ml

Instrument :

FID_D

ClientSampleId :

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