

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061423AR\
 Data File : FD045830.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2023 12:16
 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 15 02:54:24 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...	7.524	3489050	19.353 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
6) S 2-Fluorobiphenyl (SURR)	8.379	2261694	18.812 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.62%
11) S ortho-Terphenyl (SURR)	11.419	4224630	18.913 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.334	3990278	19.766 ug/ml
2) T Naphthalene (C11.7)	5.863	4079432	19.252 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	4118197	19.499 ug/ml
5) T Acenaphthylene (C15.06)	8.183	3649334	19.262 ug/ml
7) T Acenaphthene (C15.5)	8.478	3892039	19.250 ug/ml
8) T Fluorene (C16.55)	9.256	3722682	18.789 ug/ml
9) T Phenanthrene (C19.36)	10.646	3462009	18.096 ug/ml
10) T Anthracene (C19.43)	10.721	3194936	18.755 ug/ml
12) T Fluoranthene (C21.85)	12.450	3259412	17.642 ug/ml
13) T Pyrene (C20.8)	12.744	3173539	17.769 ug/ml
14) T Benzo[a]anthracene (C...	14.608	2644128	16.888 ug/ml
15) T Chrysene (C27.41)	14.649	2813318	17.052 ug/ml
16) T benzo[b]fluoranthene ...	16.149	2707177	17.887 ug/ml
17) T Bnezo[k]fluoranthene ...	16.182	2700071	17.440 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.524	2675899	18.298 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.880	2561922	17.492 ug/ml
20) T Dibenz[a,h]anthracene...	17.922	2554564	17.028 ug/ml
21) T Benzo[g,h,i]perylene ...	18.132	2738663	18.560 ug/ml

(f)=RT Delta > 1/2 Window

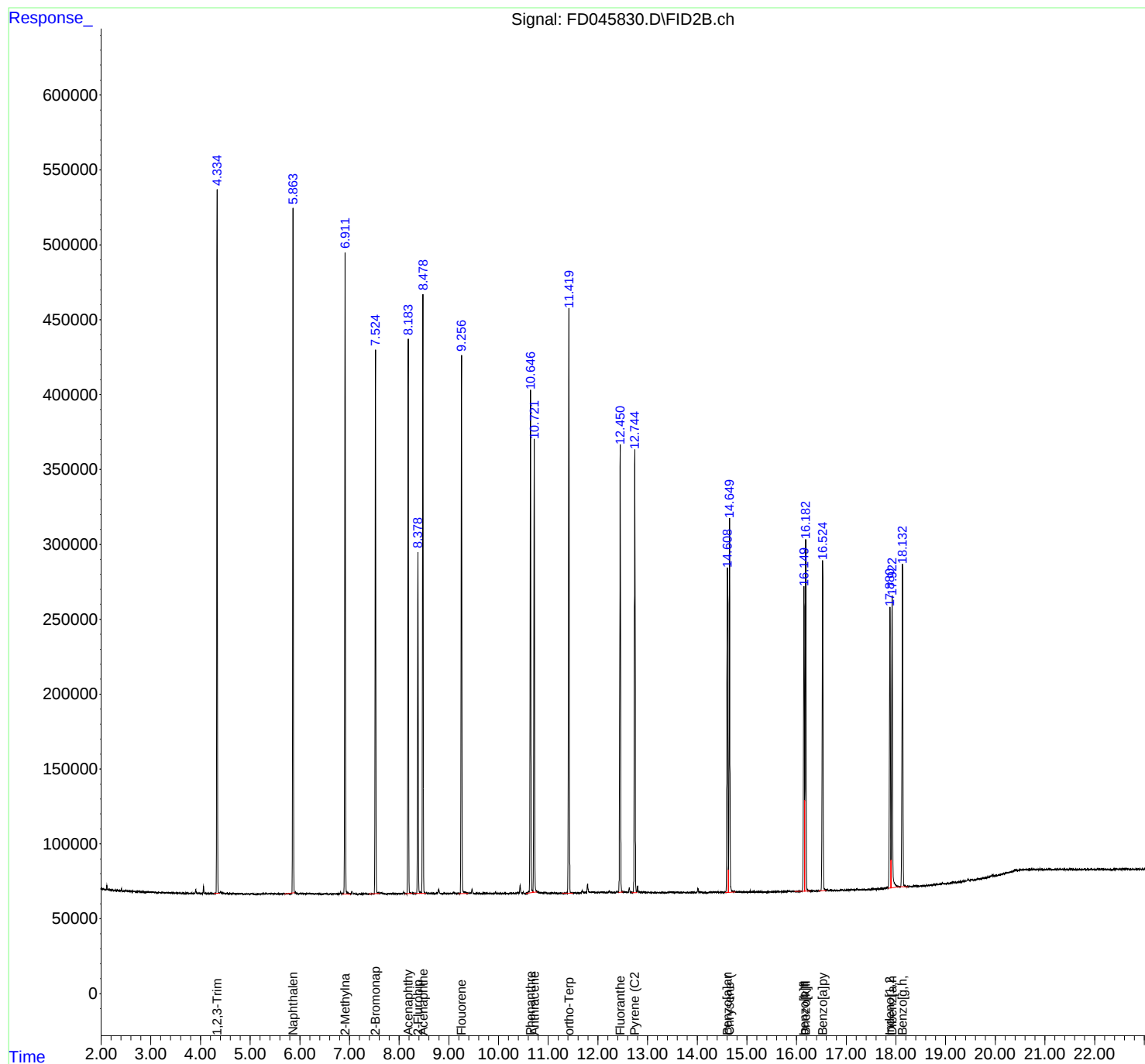
(m)=manual int.

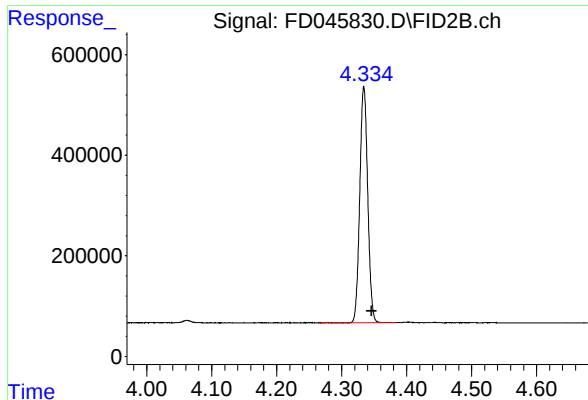
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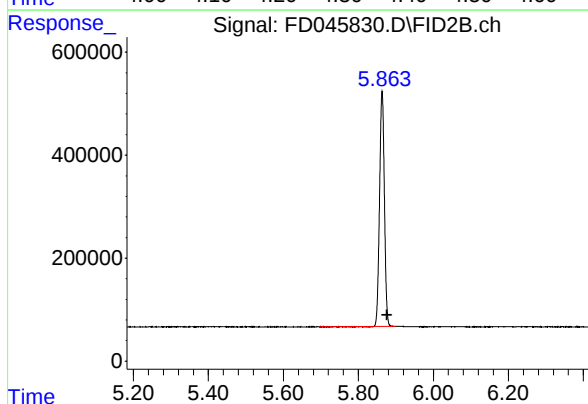




#1 1,2,3-Trimethylbenzene (C10.1)

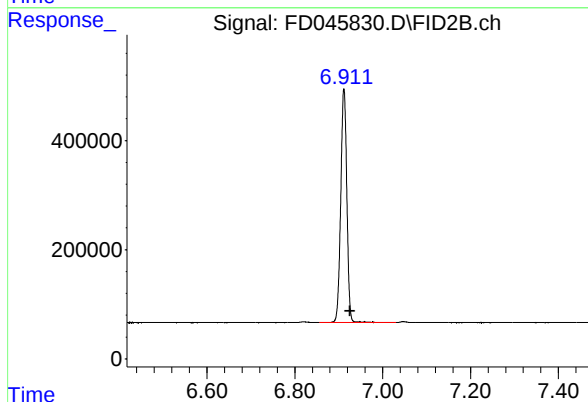
R.T.: 4.334 min
Delta R.T.: -0.012 min
Response: 3990278
Conc: 19.77 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



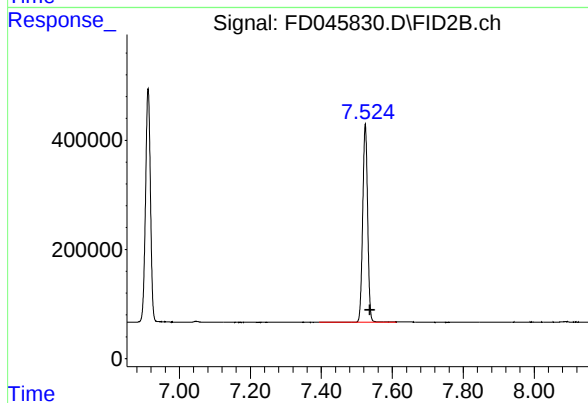
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.013 min
Response: 4079432
Conc: 19.25 ug/ml



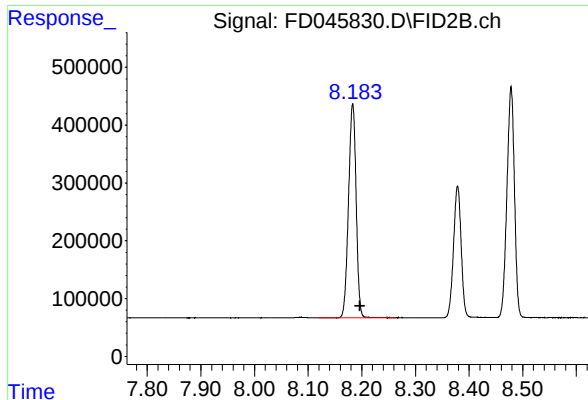
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.014 min
Response: 4118197
Conc: 19.50 ug/ml



#4 2-Bromonaphthalene (SURR)

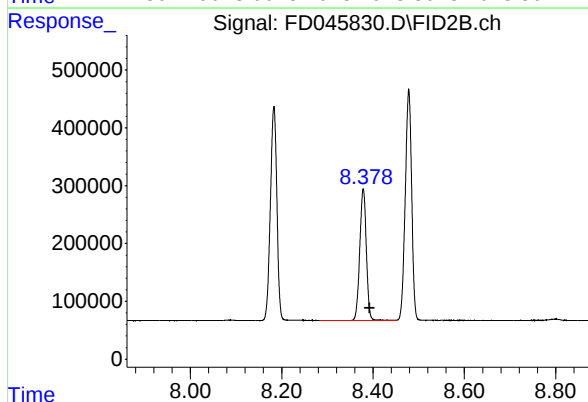
R.T.: 7.524 min
Delta R.T.: -0.013 min
Response: 3489050
Conc: 19.35 ug/ml



#5 Acenaphthylene (C15.06)

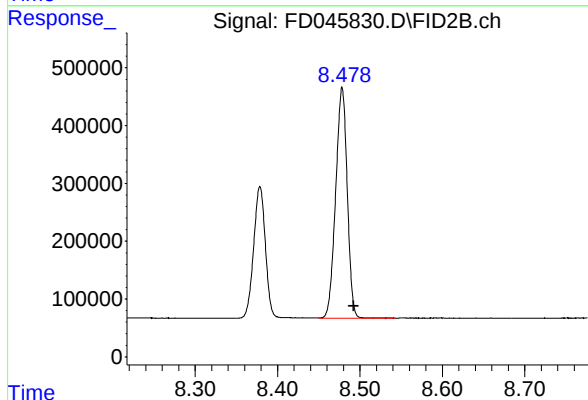
R.T.: 8.183 min
Delta R.T.: -0.014 min
Response: 3649334
Conc: 19.26 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



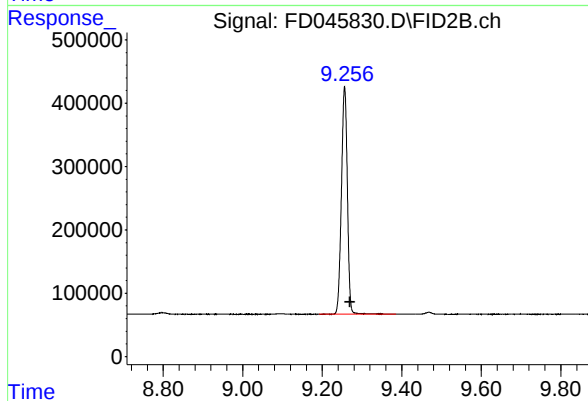
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.379 min
Delta R.T.: -0.014 min
Response: 2261694
Conc: 18.81 ug/ml



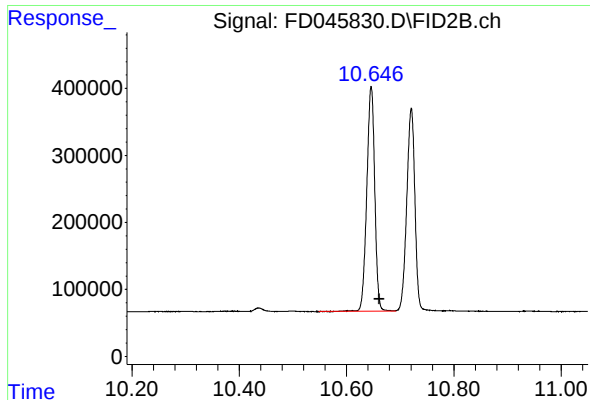
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: -0.014 min
Response: 3892039
Conc: 19.25 ug/ml



#8 Fluorene (C16.55)

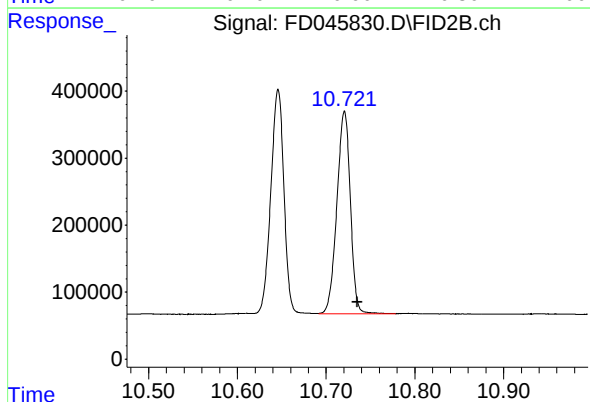
R.T.: 9.256 min
Delta R.T.: -0.014 min
Response: 3722682
Conc: 18.79 ug/ml



#9 Phenanthrene (C19.36)

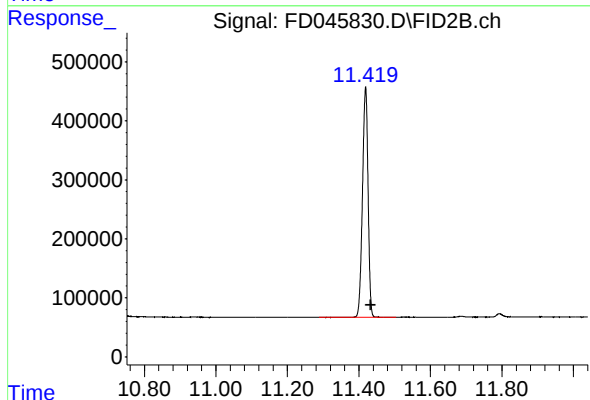
R.T.: 10.646 min
Delta R.T.: -0.015 min
Response: 3462009
Conc: 18.10 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



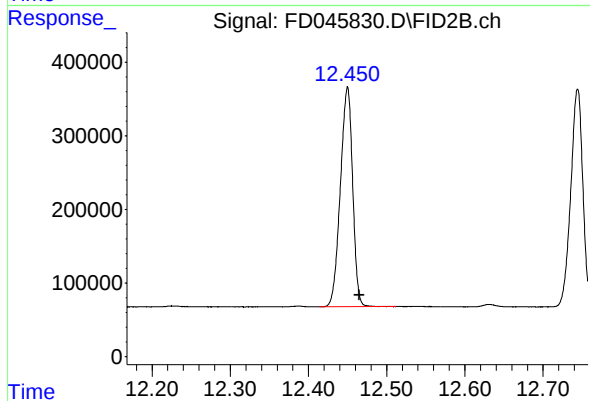
#10 Anthracene (C19.43)

R.T.: 10.721 min
Delta R.T.: -0.015 min
Response: 3194936
Conc: 18.76 ug/ml



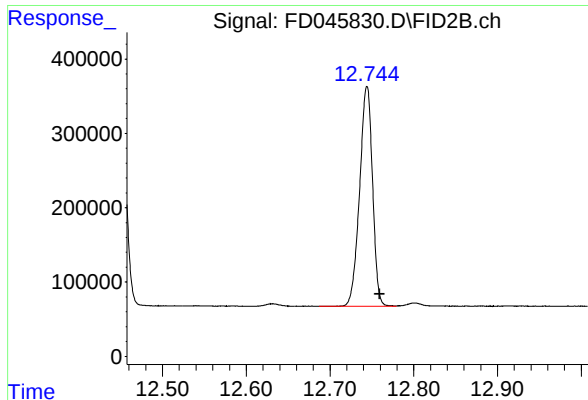
#11 ortho-Terphenyl (SURR)

R.T.: 11.419 min
Delta R.T.: -0.014 min
Response: 4224630
Conc: 18.91 ug/ml



#12 Fluoranthene (C21.85)

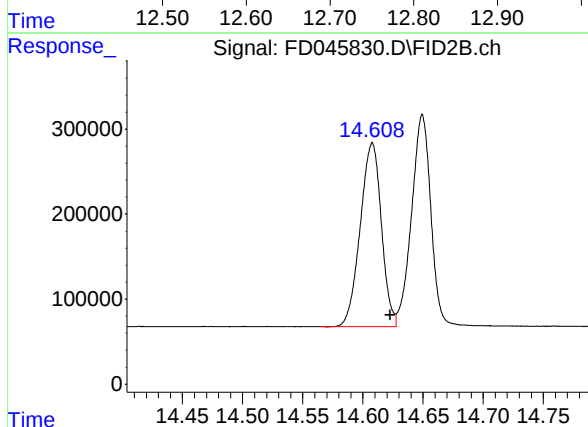
R.T.: 12.450 min
Delta R.T.: -0.015 min
Response: 3259412
Conc: 17.64 ug/ml



#13 Pyrene (C20.8)

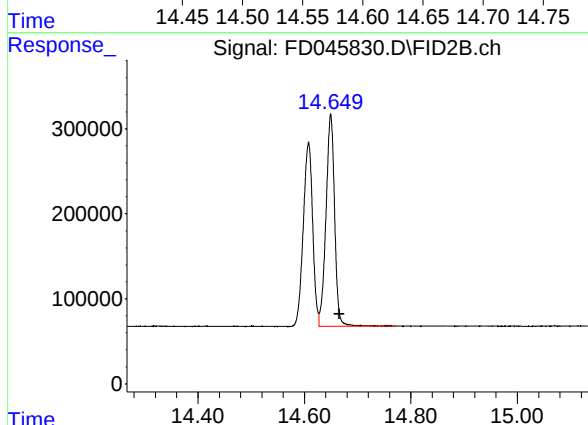
R.T.: 12.744 min
Delta R.T.: -0.015 min
Response: 3173539
Conc: 17.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



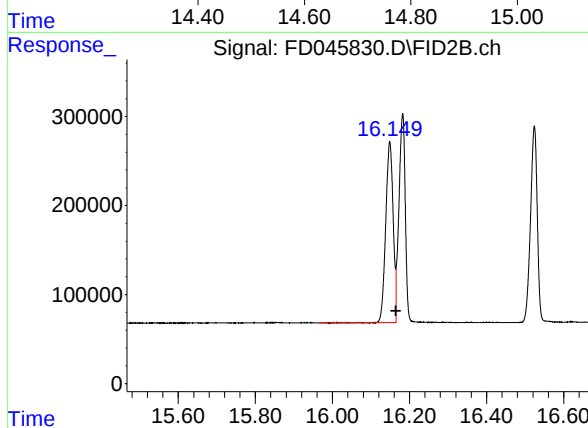
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.608 min
Delta R.T.: -0.015 min
Response: 2644128
Conc: 16.89 ug/ml



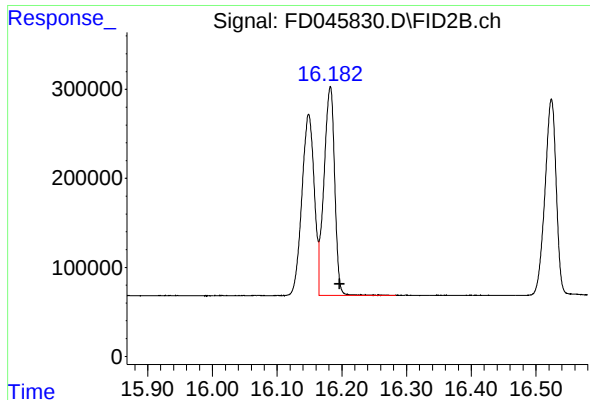
#15 Chrysene (C27.41)

R.T.: 14.649 min
Delta R.T.: -0.016 min
Response: 2813318
Conc: 17.05 ug/ml



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

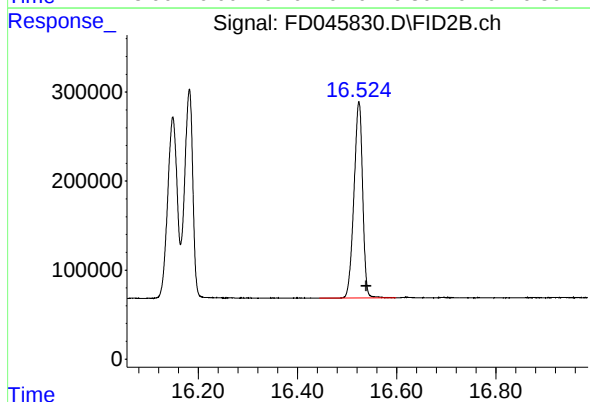
R.T.: 16.149 min
Delta R.T.: -0.016 min
Response: 2707177
Conc: 17.89 ug/ml



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

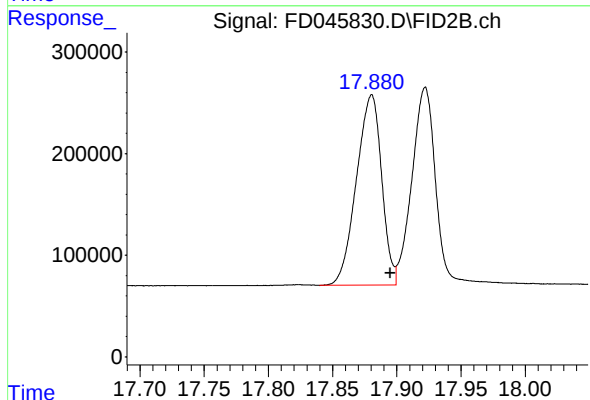
R.T.: 16.182 min
Delta R.T.: -0.015 min
Response: 2700071
Conc: 17.44 ug/ml

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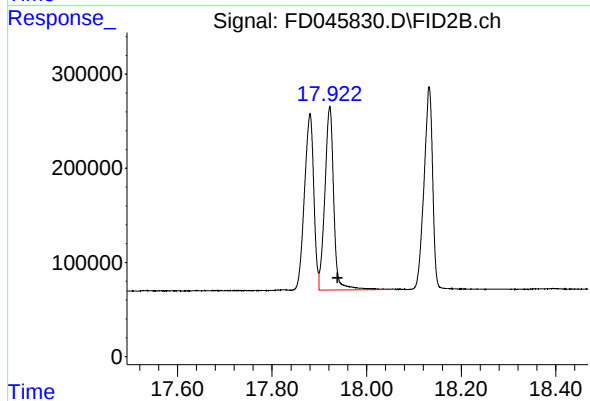
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.524 min
Delta R.T.: -0.015 min
Response: 2675899
Conc: 18.30 ug/ml



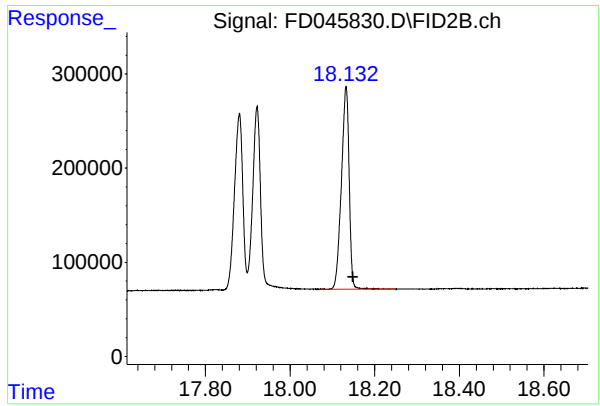
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.880 min
Delta R.T.: -0.015 min
Response: 2561922
Conc: 17.49 ug/ml



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

R.T.: 17.922 min
Delta R.T.: -0.017 min
Response: 2554564
Conc: 17.03 ug/ml



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

R.T.: 18.132 min
Delta R.T.: -0.017 min
Response: 2738663
Conc: 18.56 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD