Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100424AR\
Data File : FD048425.D
Signal(s) : FID2B.ch
Acq On : 04 Oct 2024 20:41
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: Oct 05 03:42:51 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 14:17:34 2024
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...	7.380	3505448	21.172 ug/ml
Spiked Amount	50.000		Recovery =	42.34%
6) S	2-Flurobiphenyl (SURR)	8.231	2257197	21.766 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	43.53%
11) S	ortho-Terphenyl (SURR)	11.265	3947831	21.456 ug/ml
Spiked Amount	50.000		Recovery =	42.91%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.202	3934550	22.450 ug/ml
2) T	Naphthalene (C11.7)	5.721	4090508	21.908 ug/ml
3) T	2-Methylnaphthalene (...	6.767	4092219	21.653 ug/ml
5) T	Acenaphthylene (C15.06)	8.033	4019282	20.951 ug/ml
7) T	Acenaphthene (C15.5)	8.326	4087525	21.609 ug/ml
8) T	Flouorene (C16.55)	9.105	3907247	21.626 ug/ml
9) T	Phenanthrene (C19.36)	10.492	3823809	21.575 ug/ml
10) T	Anthracene (C19.43)	10.568	3217242	18.080 ug/ml
12) T	Fluoranthene (C21.85)	12.295	3838827	21.224 ug/ml
13) T	Pyrene (C20.8)	12.588	3756178	20.976 ug/ml
14) T	Benzo[a]anthracene (C...	14.457	3362189	21.038 ug/ml
15) T	Chrysene (C27.41)	14.498	3773777	20.232 ug/ml
16) T	benzo[b]fluoranthene ...	16.002	3477564	20.881 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.034	3353517	19.756 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.378	3376568	20.659 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	17.741	2752528	20.925 ug/ml
20) T	Dibenz[a,h]anthracene...	17.783	3533141	21.114 ug/ml
21) T	Benzo[g,h,i]perylene ...	17.991	3352842	20.642 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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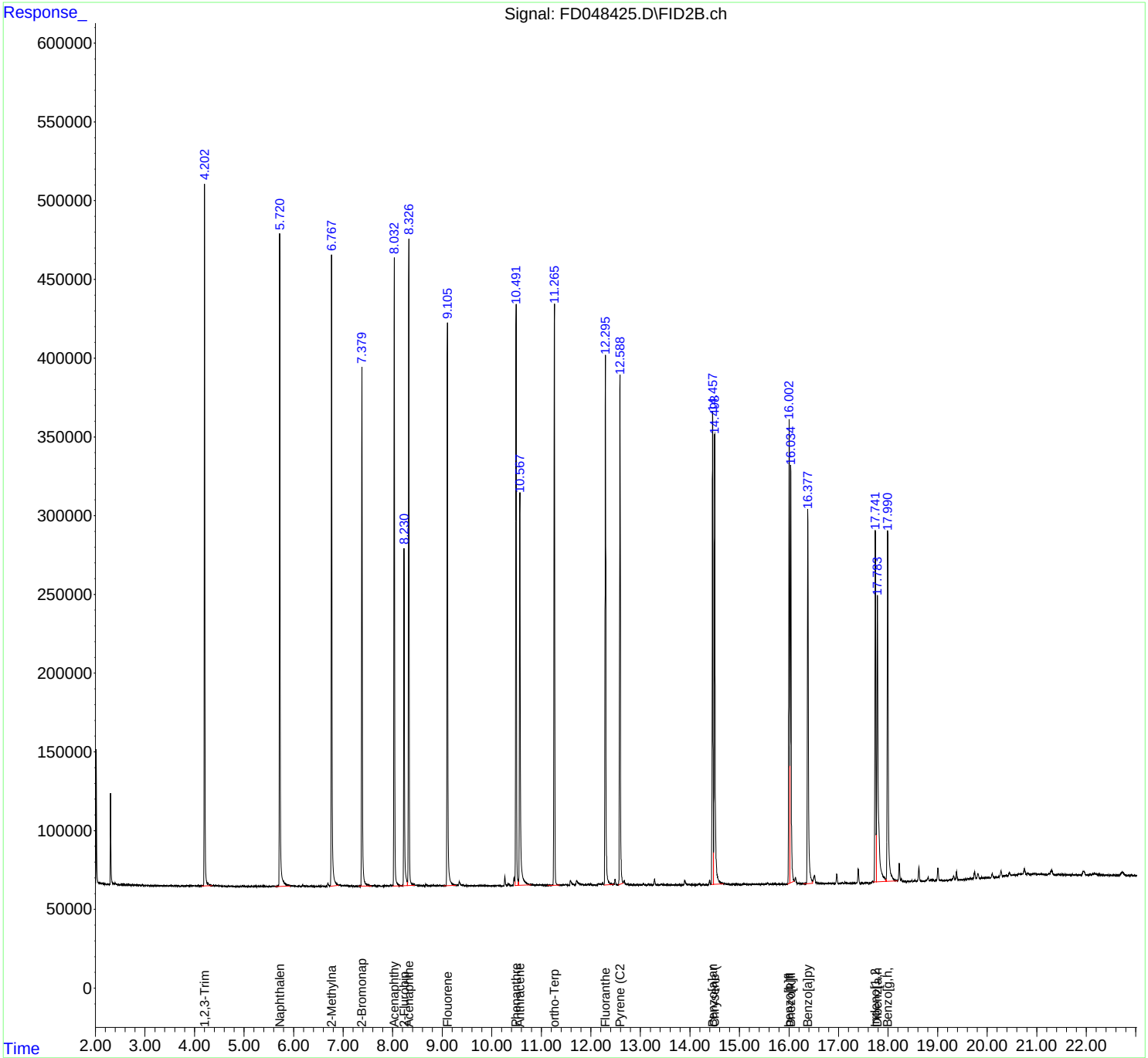
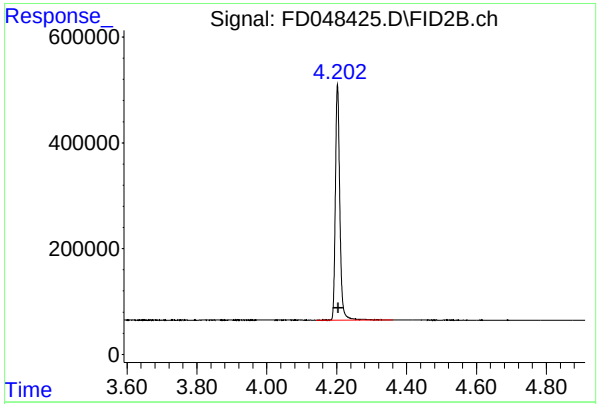
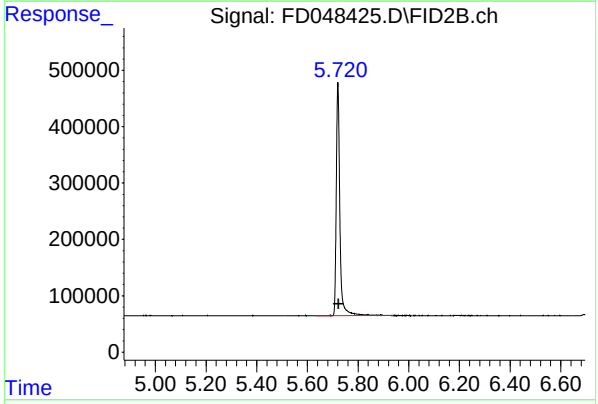




#1 1,2,3-Trimethylbenzene (C10.1)

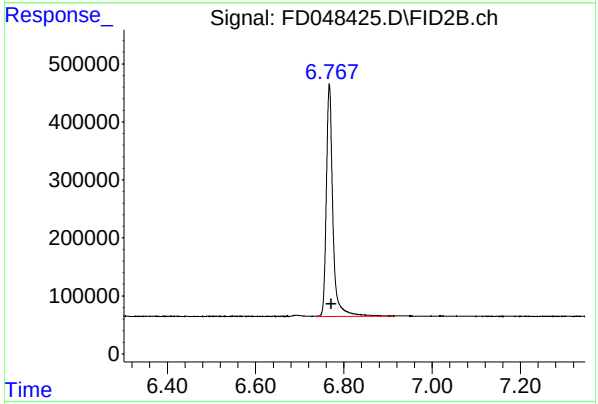
R.T.: 4.202 min
Delta R.T.: -0.002 min
Response: 3934550
Conc: 22.45 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



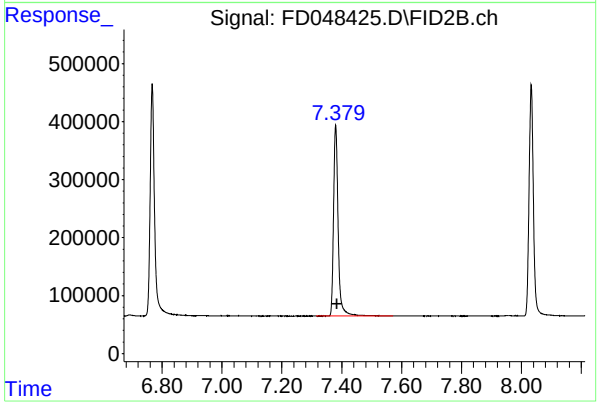
#2 Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: -0.004 min
Response: 4090508
Conc: 21.91 ug/ml



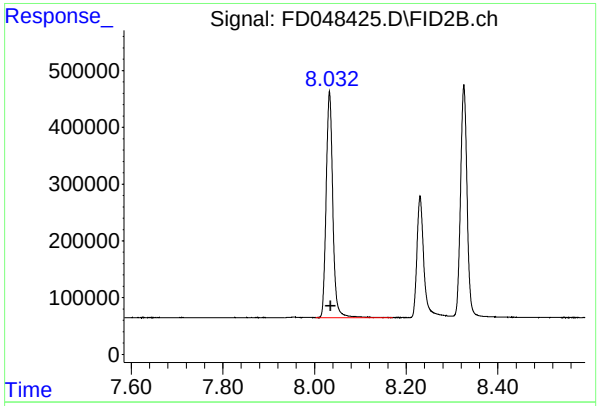
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 4092219
Conc: 21.65 ug/ml



#4 2-Bromonaphthalene (SURR)

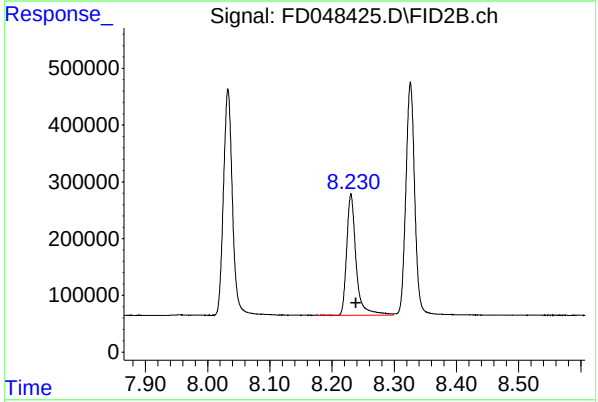
R.T.: 7.380 min
Delta R.T.: -0.004 min
Response: 3505448
Conc: 21.17 ug/ml



#5 Acenaphthylene (C15.06)

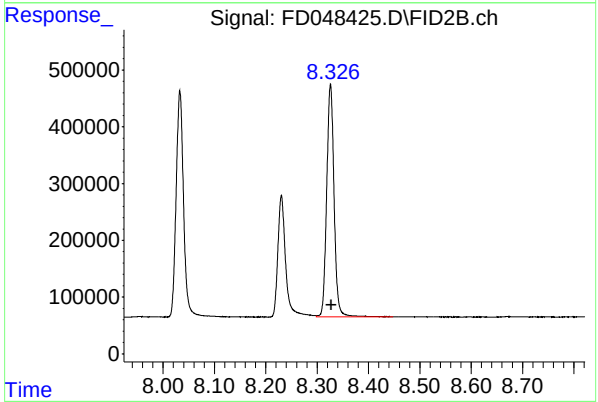
R.T.: 8.033 min
Delta R.T.: -0.003 min
Response: 4019282
Conc: 20.95 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



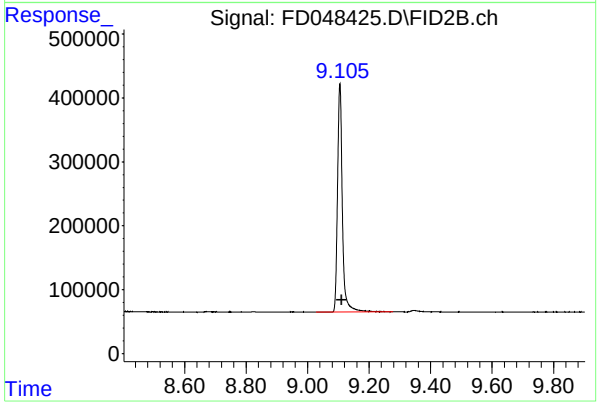
#6 2-Flurobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: -0.008 min
Response: 2257197
Conc: 21.77 ug/ml



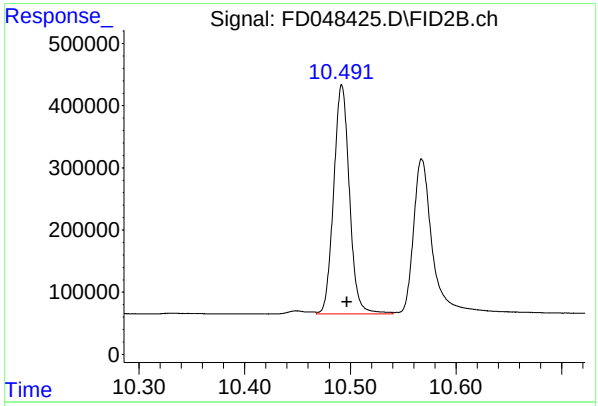
#7 Acenaphthene (C15.5)

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 4087525
Conc: 21.61 ug/ml



#8 Flouorene (C16.55)

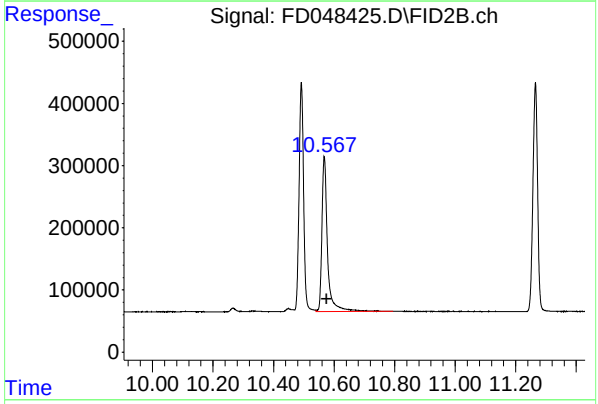
R.T.: 9.105 min
Delta R.T.: -0.006 min
Response: 3907247
Conc: 21.63 ug/ml



#9 Phenanthrene (C19.36)

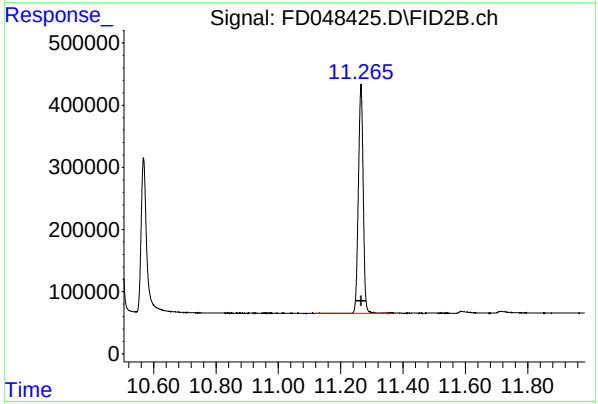
R.T.: 10.492 min
Delta R.T.: -0.005 min
Response: 3823809
Conc: 21.58 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



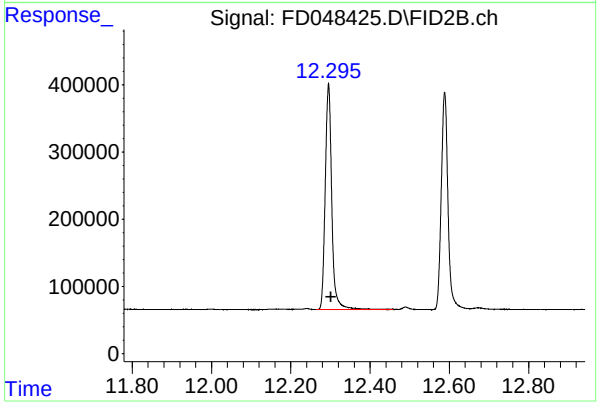
#10 Anthracene (C19.43)

R.T.: 10.568 min
Delta R.T.: -0.008 min
Response: 3217242
Conc: 18.08 ug/ml



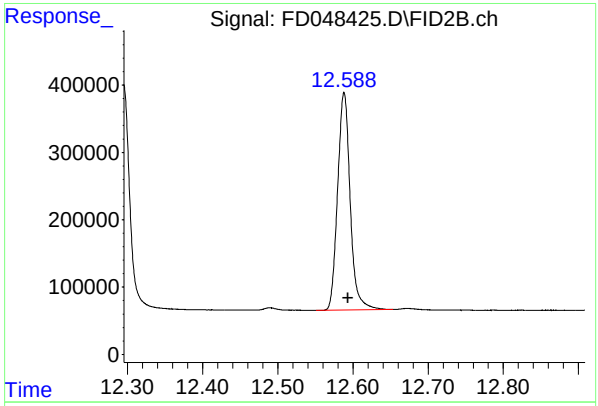
#11 ortho-Terphenyl (SURR)

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 3947831
Conc: 21.46 ug/ml



#12 Fluoranthene (C21.85)

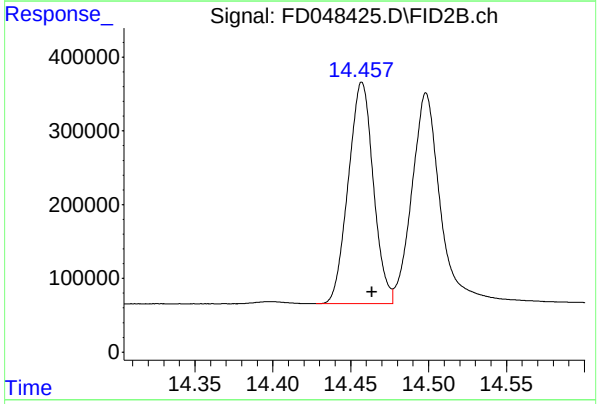
R.T.: 12.295 min
Delta R.T.: -0.006 min
Response: 3838827
Conc: 21.22 ug/ml



#13 Pyrene (C20.8)

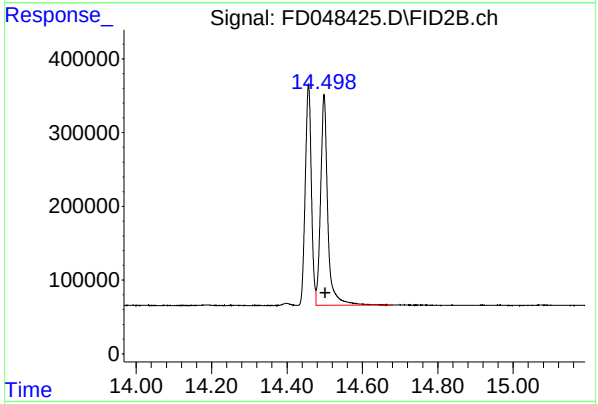
R.T.: 12.588 min
Delta R.T.: -0.005 min
Response: 3756178
Conc: 20.98 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



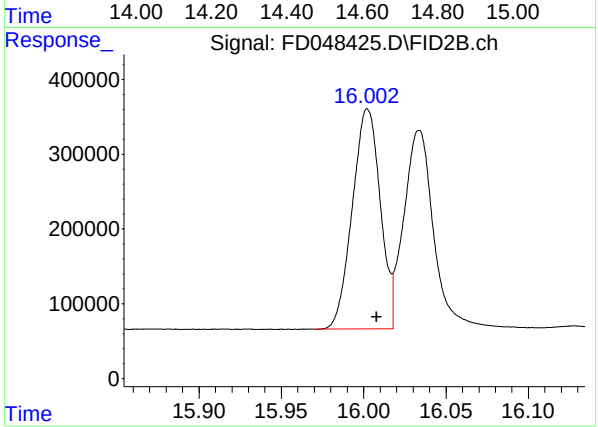
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.457 min
Delta R.T.: -0.007 min
Response: 3362189
Conc: 21.04 ug/ml



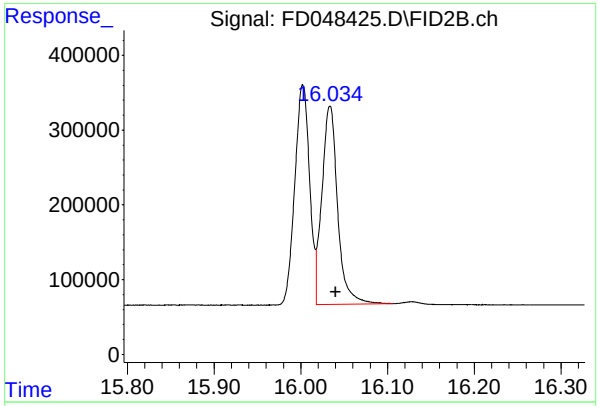
#15 Chrysene (C27.41)

R.T.: 14.498 min
Delta R.T.: -0.004 min
Response: 3773777
Conc: 20.23 ug/ml



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

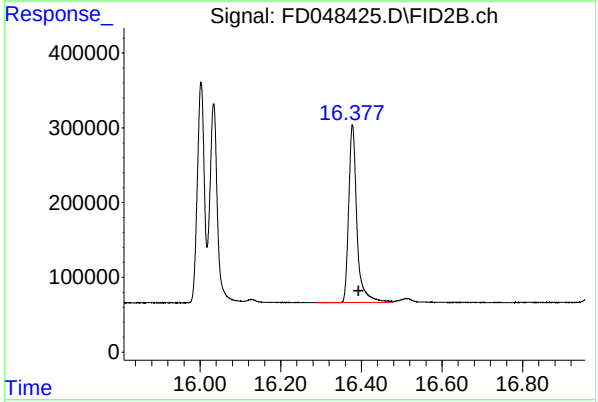
R.T.: 16.002 min
Delta R.T.: -0.006 min
Response: 3477564
Conc: 20.88 ug/ml



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

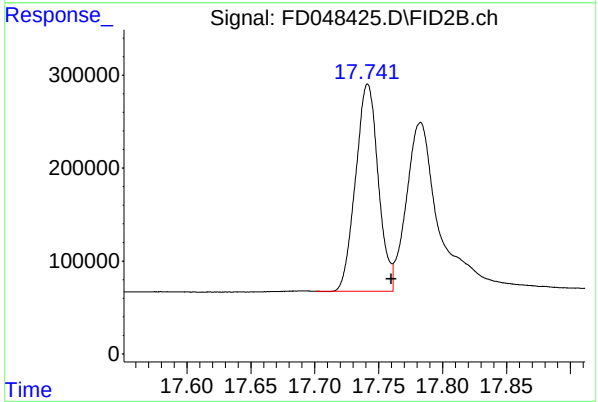
R.T.: 16.034 min
Delta R.T.: -0.007 min
Response: 3353517
Conc: 19.76 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



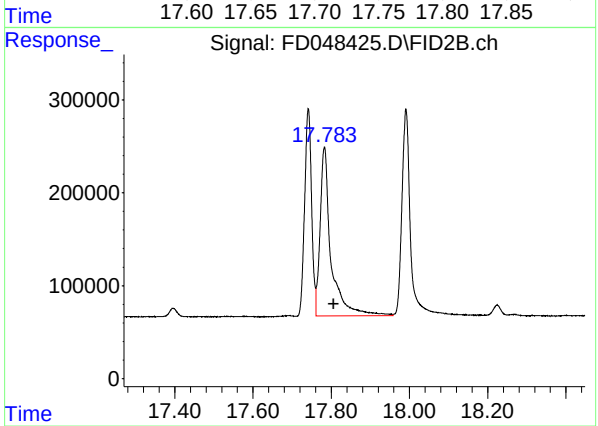
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.378 min
Delta R.T.: -0.015 min
Response: 3376568
Conc: 20.66 ug/ml



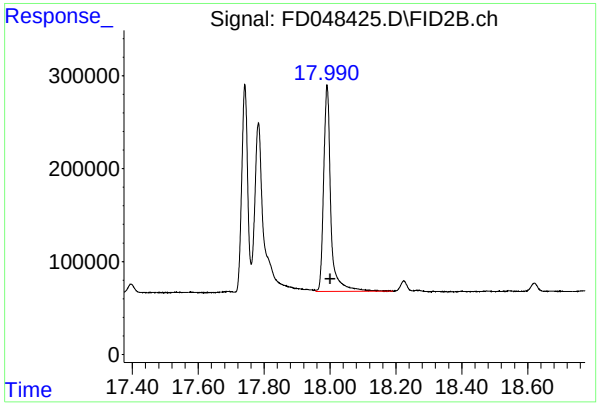
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min
Delta R.T.: -0.019 min
Response: 2752528
Conc: 20.93 ug/ml



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

R.T.: 17.783 min
Delta R.T.: -0.024 min
Response: 3533141
Conc: 21.11 ug/ml



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

R.T.: 17.991 min
Delta R.T.: -0.010 mi
Response: 3352842
Conc: 20.64 ug/m

Instrument :
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ClientSampleId :
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