Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042924AR\
Data File : FD047608.D
Signal(s) : FID2B.ch
Acq On : 29 Apr 2024 13:10
Operator : YP/AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Apr 29 16:13:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 16:08:55 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...	7.461	7674714	49.793 ug/ml
Spiked Amount	50.000		Recovery =	99.59%
6) S	2-Flurobiphenyl (SURR)	8.315	5222571	49.978 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	99.96%
11) S	ortho-Terphenyl (SURR)	11.356	9010673	49.742 ug/ml
Spiked Amount	50.000		Recovery =	99.48%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.271	7929451	49.872 ug/ml
2) T	Naphthalene (C11.7)	5.798	8377972	50.026 ug/ml
3) T	2-Methylnaphthalene (...	6.848	8446067	50.080 ug/ml
5) T	Acenaphthylene (C15.06)	8.118	7897716	49.697 ug/ml
7) T	Acenaphthene (C15.5)	8.415	8265132	49.838 ug/ml
8) T	Flouorene (C16.55)	9.193	8188532	49.870 ug/ml
9) T	Phenanthrene (C19.36)	10.584	8172130	50.242 ug/ml
10) T	Anthracene (C19.43)	10.659	7411009	49.952 ug/ml
12) T	Fluoranthene (C21.85)	12.391	8139144	49.835 ug/ml
13) T	Pyrene (C20.8)	12.686	7932325	49.873 ug/ml
14) T	Benzo[a]anthracene (C...	14.554	7278914	49.923 ug/ml
15) T	Chrysene (C27.41)	14.597	7691371	49.808 ug/ml
16) T	benzo[b]fluoranthene ...	16.100	7390957	49.813 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.137	7292770	49.746 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.478	7126123	49.843 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	17.841	6885879	49.869 ug/ml
20) T	Dibenz[a,h]anthracene...	17.880	6839242	49.918 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.096	6862298	50.039 ug/ml

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

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
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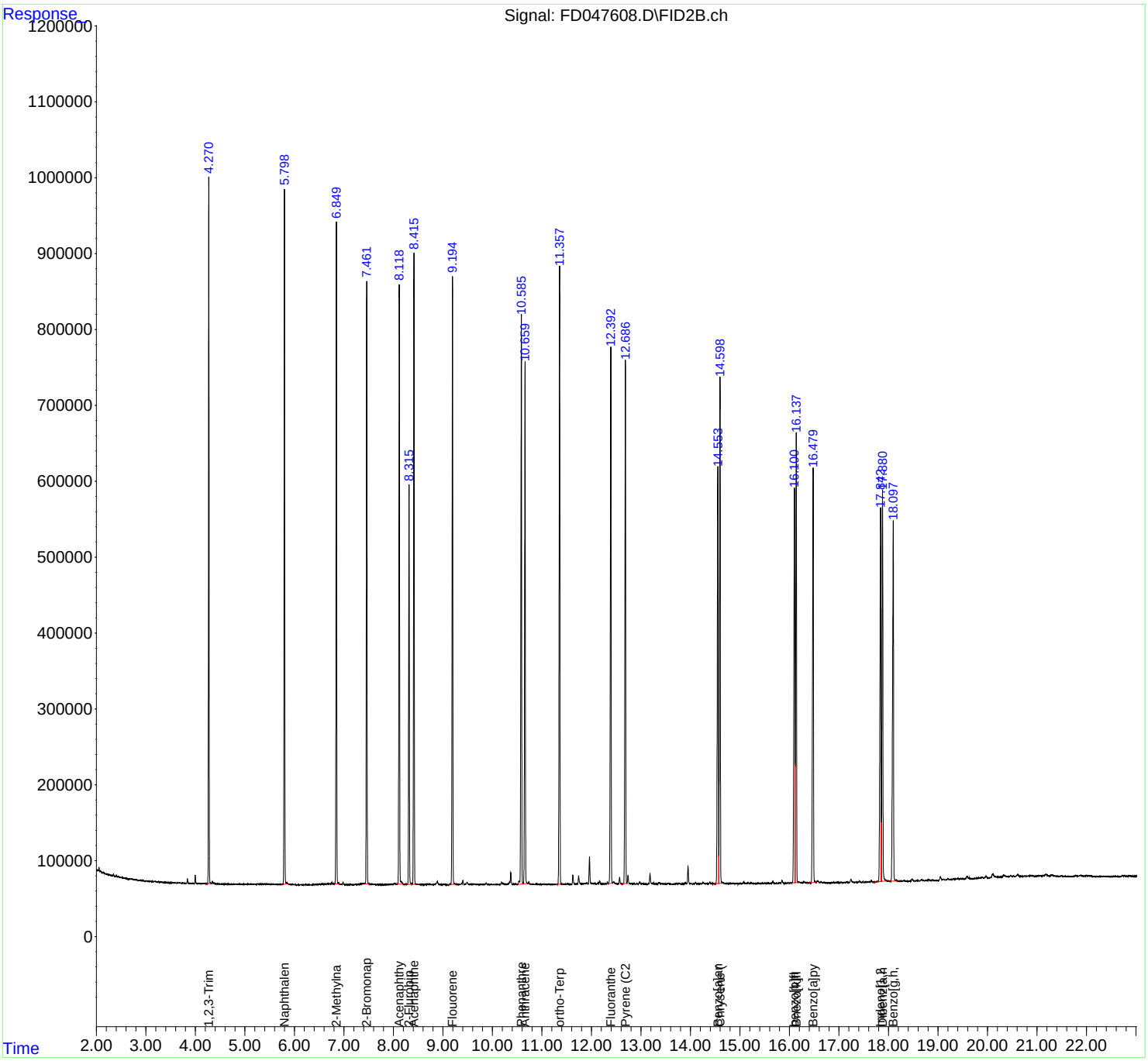
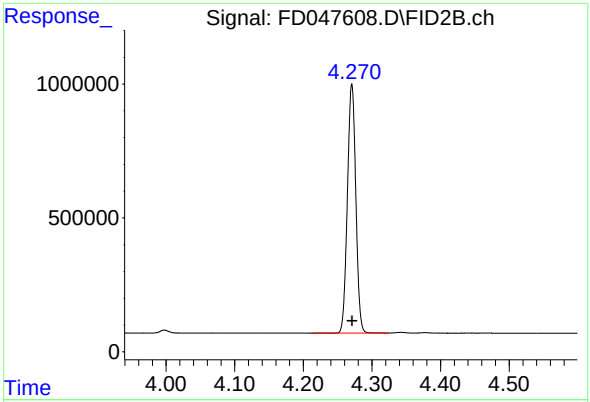
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

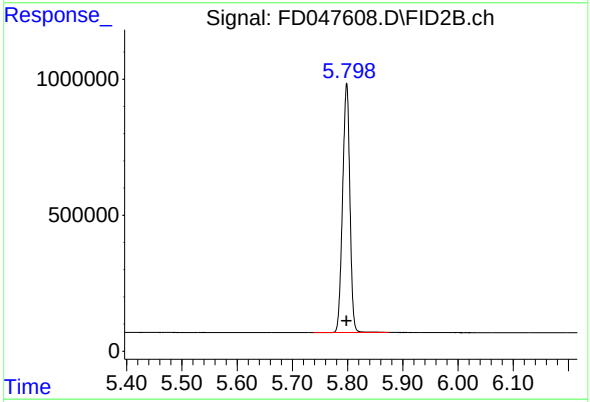




#1 1,2,3-Trimethylbenzene (C10.1)

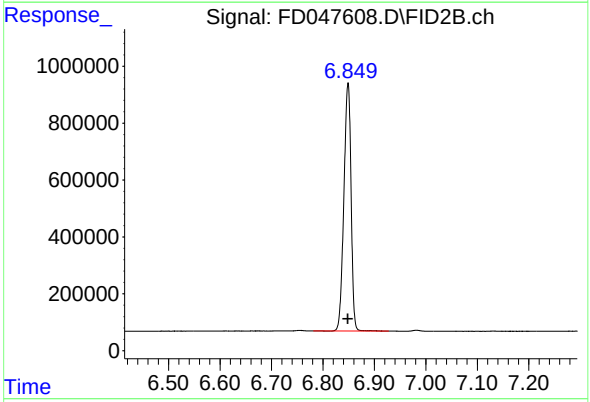
R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 7929451
Conc: 49.87 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



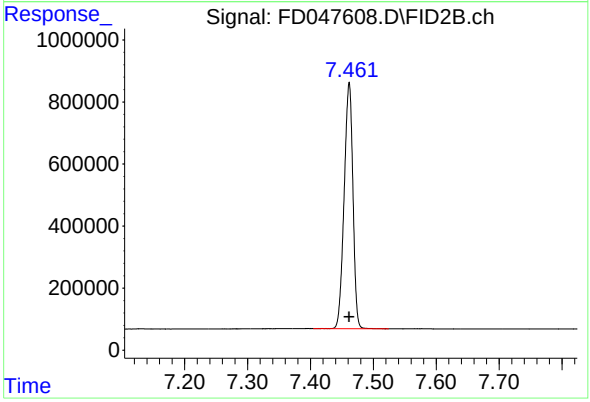
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 8377972
Conc: 50.03 ug/ml



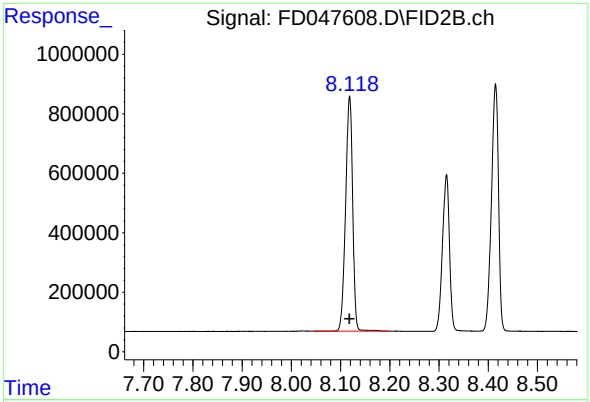
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 8446067
Conc: 50.08 ug/ml



#4 2-Bromonaphthalene (SURR)

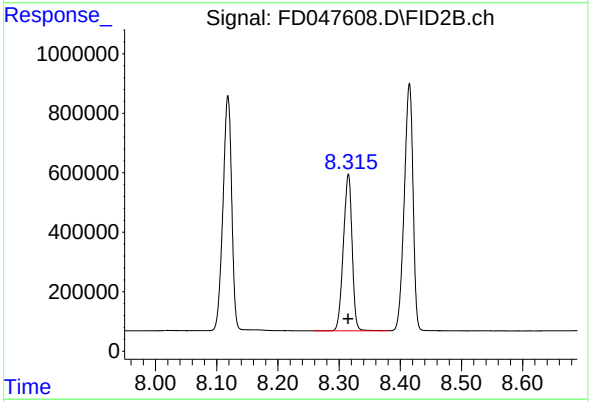
R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 7674714
Conc: 49.79 ug/ml



#5 Acenaphthylene (C15.06)

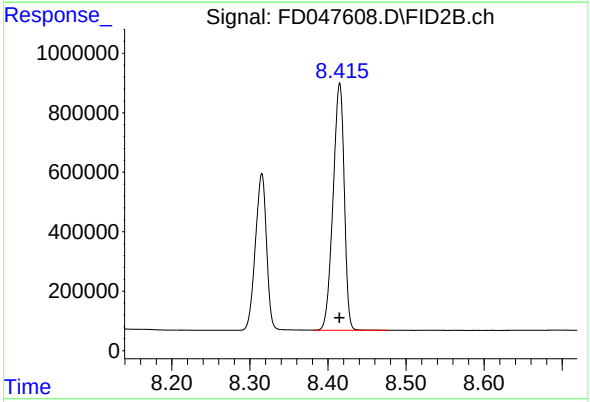
R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 7897716
Conc: 49.70 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



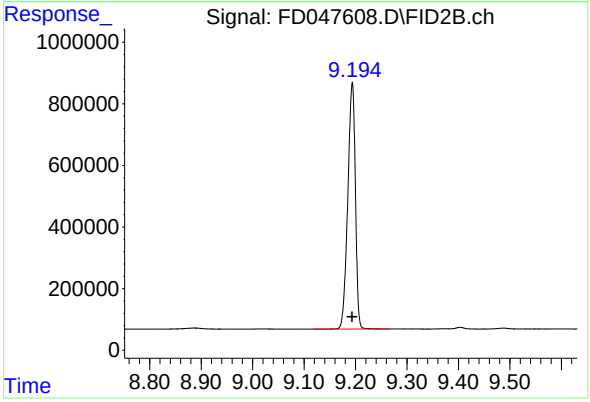
#6 2-Flurobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 5222571
Conc: 49.98 ug/ml



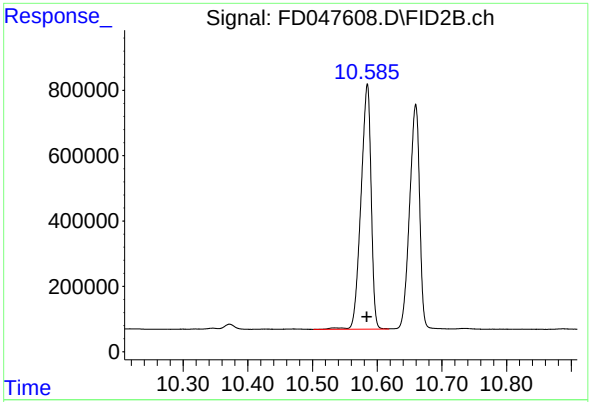
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: 0.000 min
Response: 8265132
Conc: 49.84 ug/ml



#8 Flouorene (C16.55)

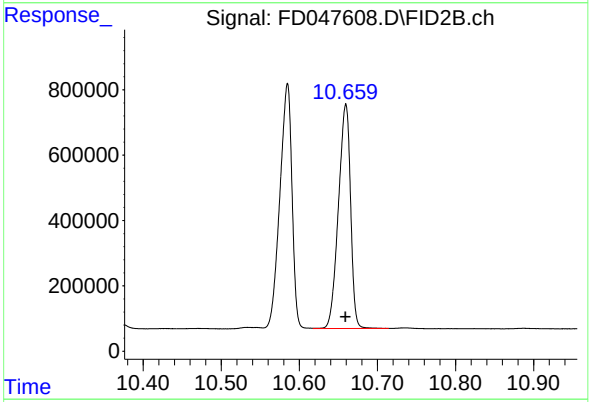
R.T.: 9.193 min
Delta R.T.: 0.000 min
Response: 8188532
Conc: 49.87 ug/ml



#9 Phenanthrene (C19.36)

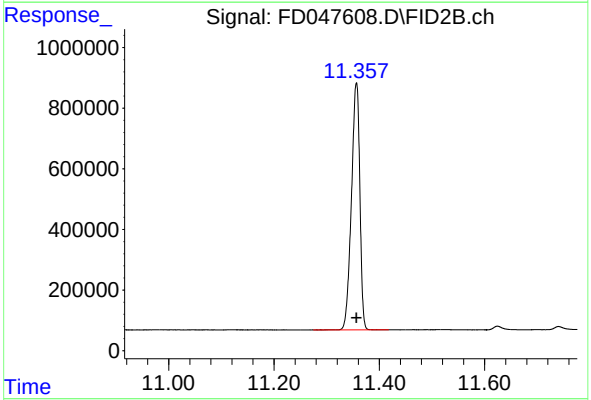
R.T.: 10.584 min
Delta R.T.: 0.000 min
Response: 8172130
Conc: 50.24 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



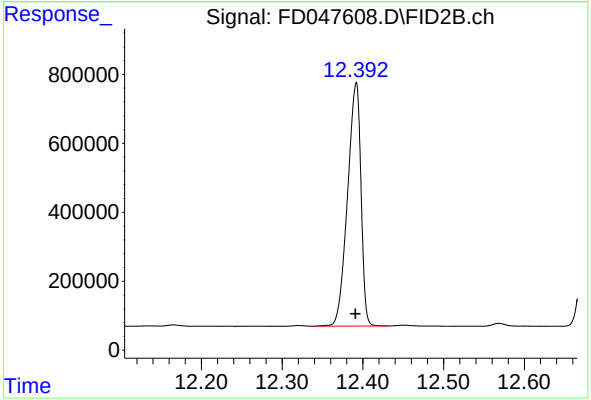
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.000 min
Response: 7411009
Conc: 49.95 ug/ml



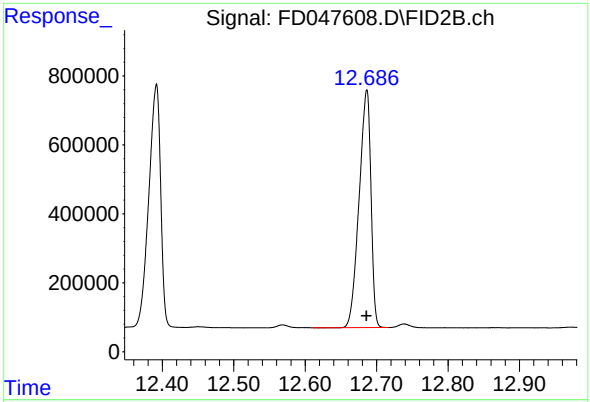
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 9010673
Conc: 49.74 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.391 min
Delta R.T.: 0.000 min
Response: 8139144
Conc: 49.84 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.686 min
Delta R.T.: 0.000 min
Response: 7932325
Conc: 49.87 ug/ml

Instrument :
FID_D
ClientSampleId :
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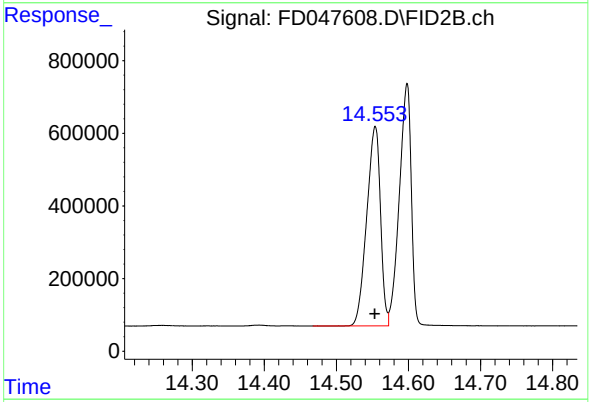
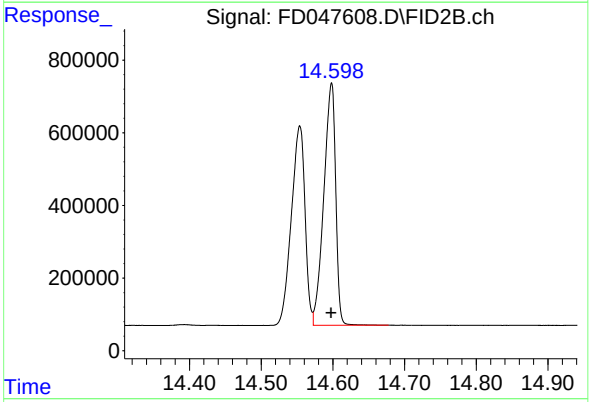


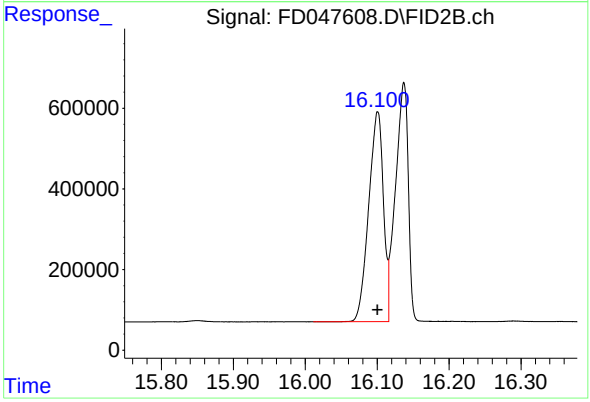
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.000 min
Response: 7278914
Conc: 49.92 ug/ml



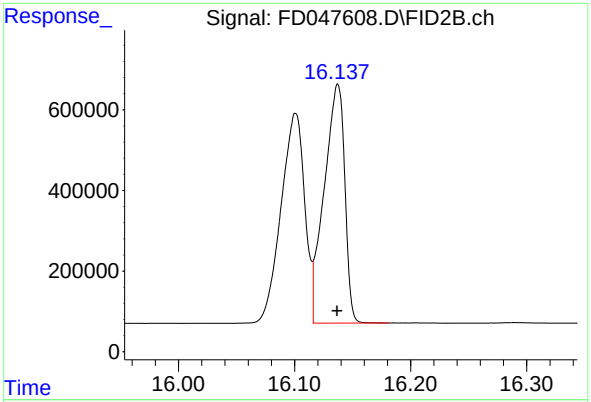
#15 Chrysene (C27.41)

R.T.: 14.597 min
Delta R.T.: 0.000 min
Response: 7691371
Conc: 49.81 ug/ml



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

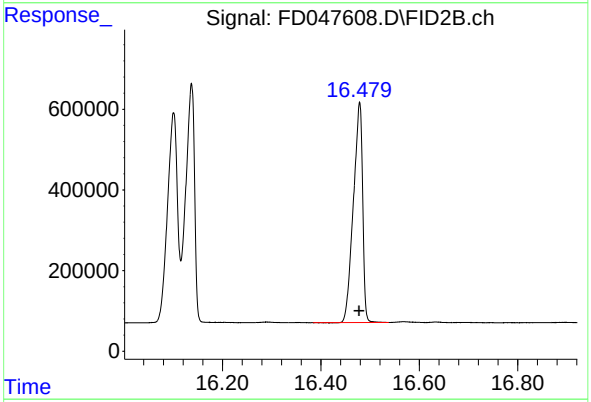
R.T.: 16.100 min
Delta R.T.: 0.000 min
Response: 7390957
Conc: 49.81 ug/ml



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

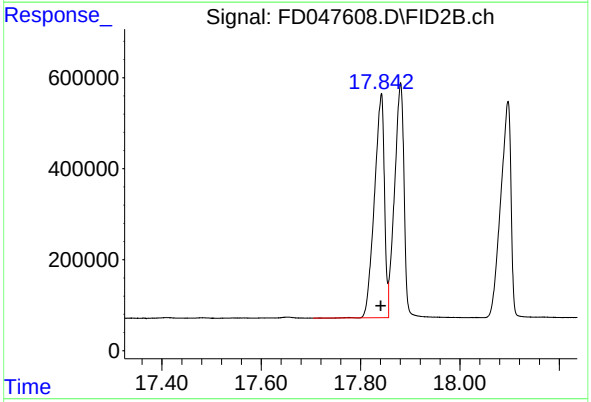
R.T.: 16.137 min
Delta R.T.: 0.000 min
Response: 7292770
Conc: 49.75 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



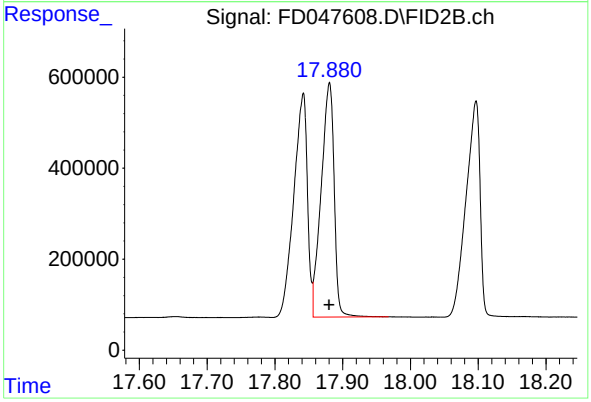
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.000 min
Response: 7126123
Conc: 49.84 ug/ml



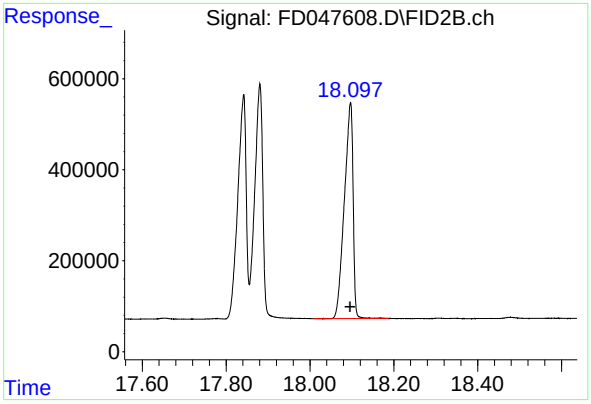
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.000 min
Response: 6885879
Conc: 49.87 ug/ml



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

R.T.: 17.880 min
Delta R.T.: 0.000 min
Response: 6839242
Conc: 49.92 ug/ml



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

R.T.: 18.096 min
Delta R.T.: 0.000 min
Response: 6862298
Conc: 50.04 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2